Method 508 mod. Date Extracted 1/30/02 Page 58

REF

Lab #	Description	Sample vol/wt	Drip rate ml/min	Surr add	~~Spk~~ add	IS add	Final vol.	T.V. pos.	pH	Count		
LB		500ml	1ml				1ml	3B	7			
REF					.5ml			2B				
2015								1B				
2016								3A				
2017	FB							3B				
2084								1A				
2085								2B				
2086								2A				
2087	FB							4B				
2088								3A				
2089								4A				
2090								1B				
2091	FB							1A				

Remarks

(1) 2085 & 2087 NEED TO BE RE-EXTRACTED, DUE TO LOW SURROGATE RECOVERY.

(2) BATCH # SGCMS-17148

Reviewed by, 5/29/02

drip rate must be between 5-15 ml/min for liq-liq extractors — drip rate -

Extraction type SepFun — Solv.lot# V41470 — NaCl lot# V39618 — Na2SO4 lot# V39H00

STANDARD	INT STD LOG#
CALIBRATION	
REF/SPIKE	91759
MDL/MDRF	
Q. CHECK	
INT. STD.	
SURROGATE	GCMS 011602
LPC	
ENDRIN/DDT	

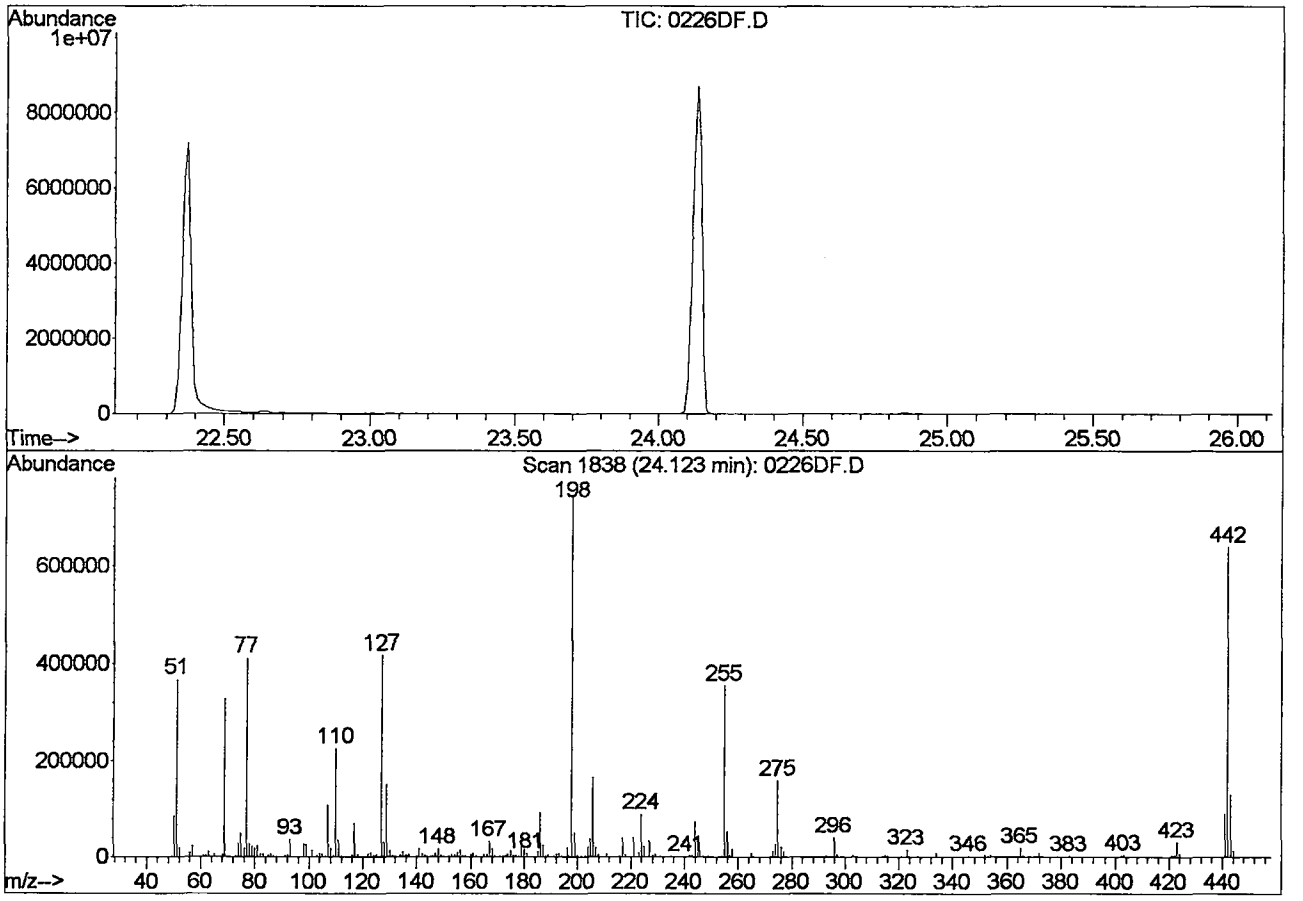
Analyst EH
revision 4/12/01

Verified by_____

Reviewed by DN
Date 3/1/2

DFTPP

Data File : C:\MSDchem\1\5973N\02feb26\Snapshot\0226DF.D Vial: 1
Acq On : 26 Feb 2002 8:29 am Operator:
Sample : dftpp Inst : Instrume
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Method : C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
Title : 508 scan method



Spectrum Information: Scan 1838

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	49.2	367424	PASS
68	69	0.00	2	1.8	6027	PASS
69	198	0.00	100	44.1	329024	PASS
70	69	0.00	2	0.5	1805	PASS
127	198	40	60	55.8	416448	PASS
197	198	0.00	1	0.6	4462	PASS
198	198	100	100	100.0	746240	PASS
199	198	5	9	6.8	50848	PASS
275	198	10	30	21.5	160512	PASS
365	198	1	99	2.6	19296	PASS
441	443	1	99	68.8	90552	PASS
442	198	40	110	85.7	639360	PASS
443	442	17	23	20.6	131648	PASS

0226DF.D HP022102.M Tue Feb 26 08:58:18 2002

User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 02/28/2002 Time: 08:25:38

Sample: AE02015
Analysis: $C1GCMS CALI GCMS
Units: ug
Started: 2/27/02 09:19 Ended: 2/28/02 09:19 Analyst: WB
Result source: a:\0226c40.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		42		2.0
2	bis(2-Chloroethyl)ether		49		2.0
3	1,3-Dichlorobenzene		38		2.0
4	1,4-Dichlorobenzene		38		2.0
5	1,2-Dichlorobenzene		41		2.0
6	2,2'-oxybis(1-Chloropropane)		45		2.0
7	n-Nitrosodi-n-propylamine		41		2.0
8	Hexachloroethane		39		2.0
9	Nitrobenzene		36		2.0
10	Isophorone		37		2.0
11	bis(2-Chloroethoxy)methane		39		2.0
12	1,2,4-Trichlorobenzene		37		2.0
13	Naphthalene		35		2.0
14	Hexachlorobutadiene		37		2.0
15	2-Chloronaphthalene		37		2.0
16	Dimethylphthalate		36		2.0
17	2,6-Dinitrotoluene		32		2.0
18	Acenaphthylene		35		2.0
19	Acenaphthene		36		2.0
20	2,4-Dinitrotoluene		30		2.0
21	Diethylphthalate		35		2.0
22	4-Chlorophenylphenylether		36		2.0
23	Fluorene		34		2.0
24	Azobenzene/1,2-Diphenylhydra		38		2.0
25	n-Nitrosodiphenylamine		30		2.0
26	4-Bromophenylphenylether		37		2.0
27	Hexachlorobenzene		38		2.0
28	Phenanthrene		35		2.0
29	Anthracene		35		2.0
30	Di-n-butylphthalate		36		2.0
31	Fluoranthene		35		2.0
32	Pyrene		36		2.0
33	Butylbenzylphthalate		37		2.0
34	Benzo(a)anthracene		38		2.0
35	bis(2-Ethylhexyl)phthalate		41		2.0
36	Chrysene		37		2.0
37	Di-n-octylphthalate		29		2.0
38	Benzo(b)fluoranthene		42		2.0
39	Benzo(k)fluoranthene		38		2.0
40	Benzo(a)pyrene		41		2.0
41	Indeno(1,2,3-cd)pyrene		46		2.0
42	Dibenz(a,h)anthracene		44		2.0
43	Benzo(g,h,i)perylene		43		2.0

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB26\0226C40.D Vial: 2
Acq On : 26 Feb 2002 9:19 am Operator:
Sample : cal 40 Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 27 08:27:44 2002 Quant Results File: HP022102.RES

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Last Update : Mon Feb 25 10:47:59 2002
Response via : Initial Calibration
DataAcq Meth : HP020702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.72	152	1713192	20.00	ug/L	0.00
10) Naphthalene-d8	13.21	136	7685228	20.00	ug/L	0.00
17) Acenaphthene-d10	18.34	164	3864232	20.00	ug/L	0.00
29) Phenanthrene-d10	22.64	188	6307338	20.00	ug/L	0.00
38) Chrysene-d12	30.51	240	4985555	20.00	ug/L	-0.01
44) Perylene-d12	34.43	264	3998718	20.00	ug/L	-0.02
System Monitoring Compounds						
37) 2,4-DDD	27.72	235	15600	0.19	ug/L	0.00
Spiked Amount 5.000			Recovery =	3.80%		
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	3.99	74	3567070	42.47	ug/L	100
3) bis(2-Chloroethyl)ether	9.24	93	5431467	48.50	ug/L	99
4) 1,3-Dichlorobenzene	9.61	146	4865324	38.19	ug/L	98
5) 1,4-Dichlorobenzene	9.76	146	4840485	38.21	ug/L	99
6) 1,2-Dichlorobenzene	10.24	146	4674700	41.38	ug/L	98
7) 2,2'-oxybis (1-Chloropropa	10.68	45	8085457	45.46	ug/L	99
8) n-Nitroso-di-n-propylamine	11.06	70	3384523	40.51	ug/L	100
9) Hexachloroethane	11.03	117	1714808	39.14	ug/L	95
11) Nitrobenzene	11.37	77	4811564	35.61	ug/L	99
12) Isophorone	12.02	82	9512375	36.67	ug/L	99
13) bis(2-Chloroethoxy)methane	12.78	93	6558604	38.70	ug/L	99
14) 1,2,4-Trichlorobenzene	13.13	180	3680139	37.00	ug/L	98
15) Naphthalene	13.26	128	13455605	35.41	ug/L	100
16) Hexachlorobutadiene	13.85	225	1795878	36.99	ug/L	98
18) Hexachlorocyclopentadiene	15.96	237	1224317	40.09	ug/L	99
19) 2-Chloronaphthalene	16.66	162	7741538	37.48	ug/L	98
20) Dimethylphthalate	17.91	163	8515220	36.32	ug/L	99
21) 2,6-Dinitrotoluene	18.08	165	1737322	32.09	ug/L	93
22) Acenaphthylene	17.88	152	11184580	35.38	ug/L	99
23) Acenaphthene	18.44	153	7603447	36.46	ug/L	99
24) 2,4-Dinitrotoluene	19.20	165	2270914	30.38	ug/L	92
25) Diethylphthalate	20.01	149	7742737	35.48	ug/L	100
26) 4-Chlorophenyl-phenylether	20.04	204	3578534	36.26	ug/L	98
27) Fluorene	19.93	166	8577183	34.10	ug/L	99
28) Azobenzene/1,2-Diphenylhyd	20.49	77	10955028	38.08	ug/L	97
30) N-nitrosodiphenylamine	20.45	169	4857369	30.11	ug/L	98
31) 4-Bromophenyl-phenylether	21.45	248	2349789	36.91	ug/L	96
32) Hexachlorobenzene	21.80	284	2488044	37.51	ug/L	95
33) Phenanthrene	22.72	178	12217402	34.69	ug/L	100
34) Anthracene	22.85	178	12546856	35.34	ug/L	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB26\0226C40.D Vial: 2
Acq On : 26 Feb 2002 9:19 am Operator:
Sample : cal 40 Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 27 08:27:44 2002 Quant Results File: HP022102.RES

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Last Update : Mon Feb 25 10:47:59 2002
Response via : Initial Calibration
DataAcq Meth : HP020702

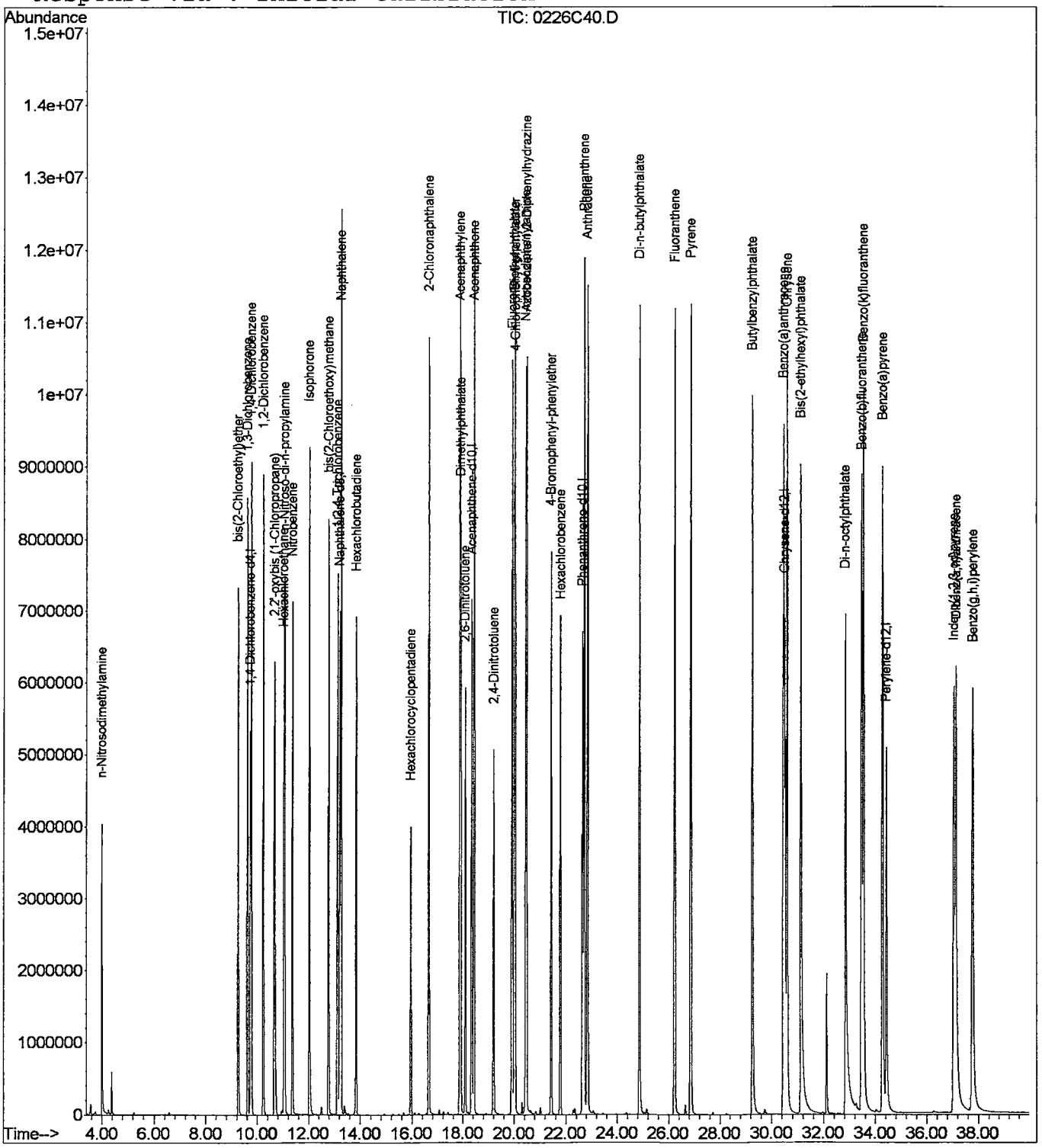
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
35)	Di-n-butylphthalate	24.87	149	14761881	36.20	ug/L	99
36)	Fluoranthene	26.25	202	12870485	34.61	ug/L	99
39)	Pyrene	26.88	202	13267313	36.22	ug/L	96
40)	Butylbenzylphthalate	29.26	149	6179604	36.92	ug/L	98
41)	Benzo(a)anthracene	30.47	228	11271925	37.51	ug/L	99
42)	Bis(2-ethylhexyl)phthalate	31.11	149	8618151	41.06	ug/L	99
43)	Chrysene	30.59	228	10828917	36.84	ug/L	100
45)	Di-n-octylphthalate	32.84	149	13607384	28.91	ug/L	99
46)	Benzo(b)fluoranthene	33.48	252	11158971	41.77	ug/L	100
47)	Benzo(k)fluoranthene	33.55	252	11442920	38.08	ug/L	96
48)	Benzo(a)pyrene	34.28	252	11075139m	40.74	ug/L	
49)	Indeno(1,2,3-cd)pyrene	37.06	276	10975420	46.45	ug/L	95
50)	Dibenz(a,h)anthracene	37.15	278	8598583	43.69	ug/L	98
51)	Benzo(g,h,i)perylene	37.78	276	9420964	42.62	ug/L	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB26\0226C40.D Vial: 2
Acq On : 26 Feb 2002 9:19 am Operator:
Sample : cal 40 Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 27 8:28 2002 Quant Results File: HP022102.R

Method : C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
Title : 508 scan method
Last Update : Mon Feb 25 10:47:59 2002
Response via : Initial Calibration



User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 02/28/2002 Time: 08:27:10

Sample: AE02015
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 2/27/02 11:07 Ended: 2/28/02 11:07 Analyst: WB
Result source: a:\0130r.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		3.0		2.0
2	bis(2-Chloroethyl)ether		5.4		2.0
3	1,3-Dichlorobenzene		3.1		2.0
4	1,4-Dichlorobenzene		3.3		2.0
5	1,2-Dichlorobenzene		3.7		2.0
6	2,2-oxybis(1-Chloropropane)		4.8		2.0
7	n-Nitrosodi-n-propylamine		4.5		2.0
8	Hexachloroethane		2.0		2.0
9	Nitrobenzene		2.9		2.0
10	Isophorone		4.4		2.0
11	bis(2-Chloroethoxy)methane		4.4		2.0
12	1,2,4-Trichlorobenzene		3.4		2.0
13	Naphthalene		4.4		2.0
14	Hexachlorobutadiene		1.9		2.0
15	2-Chloronaphthalene		4.3		2.0
16	Dimethylphthalate		5.3		2.0
17	2,6-Dinitrotoluene		1.6		2.0
18	Acenaphthylene		4.4		2.0
19	Acenaphthene		5.0		2.0
20	2,4-Dinitrotoluene		1.2		2.0
21	Diethylphthalate		5.6		2.0
22	4-Chlorophenylphenylether		5.5		2.0
23	Fluorene		4.7		2.0
24	Azobenzene/1,2-Diphenylhydra		4.8		2.0
25	n-Nitrosodiphenylamine		4.4		2.0
26	4-Bromophenylphenylether		4.7		2.0
27	Hexachlorobenzene		4.7		2.0
28	Phenanthrene		5.3		2.0
29	Anthracene		4.8		2.0
30	Di-n-butylphthalate		4.8		2.0
31	Fluoranthene		5.1		2.0
32	Pyrene		5.2		2.0
33	Butylbenzylphthalate		2.7		2.0
34	Benzo(a)anthracene		4.5		2.0
35	bis(2-Ethylhexyl)phthalate		3.0		2.0
36	Chrysene		5.5		2.0
37	Di-n-octylphthalate		6.1		2.0
38	Benzo(b)fluoranthene		4.1		2.0
39	Benzo(k)fluoranthene		5.9		2.0
40	Benzo(a)pyrene		3.3		2.0
41	Indeno(1,2,3-cd)pyrene		3.1		2.0
42	Dibenz(a,h)anthracene		3.4		2.0
43	Benzo(g,h,i)perylene		3.8		2.0

User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 02/28/2002 Time: 08:27:18

Sample: AE02015
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 2/27/02 11:07 Ended: 2/28/02 11:07 Analyst: WB
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1					
2					
3					
4					
5					
6	2,2-oxybis(1-Chloropropane)		96		2.0
7	n-Nitrosodi-n-propylamine		90		2.0
8	Hexachloroethane		40		2.0
9	Nitrobenzene		58		2.0
10	Isophorone		88		2.0
11	bis(2-Chloroethoxy)methane		88		2.0
12	1,2,4-Trichlorobenzene		68		2.0
13					
14	Hexachlorobutadiene		38		2.0
15					
16					
17	2,6-Dinitrotoluene		32		2.0
18	Acenaphthylene		88		2.0
19					
20	2,4-Dinitrotoluene		24		2.0
21					
22					
23					
24					
25					
26	4-Bromophenylphenylether		94		2.0
27					
28					
29					
30					
31					
32					
33	Butylbenzylphthalate		54		2.0
34	Benzo(a)anthracene		90		2.0
35	bis(2-Ethylhexyl)phthalate		60		2.0
36					
37					
38	Benzo(b)fluoranthene		82		2.0
39					
40	Benzo(a)pyrene		66		2.0
41	Indeno(1,2,3-cd)pyrene		62		2.0
42	Dibenz(a,h)anthracene		68		2.0
43	Benzo(g,h,i)perylene		76		2.0

23/47 ↑

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB26\0130R.D Vial: 2
Acq On : 26 Feb 2002 11:07 am Operator:
Sample : ref 1/30 Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 26 15:07:05 2002 Quant Results File: HP022102.RES

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Last Update : Mon Feb 25 10:47:59 2002
Response via : Initial Calibration
DataAcq Meth : HP020702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.72	152	1743945	20.00	ug/L	0.00
10) Naphthalene-d8	13.20	136	7536989	20.00	ug/L	0.00
17) Acenaphthene-d10	18.34	164	3841157	20.00	ug/L	0.00
29) Phenanthrene-d10	22.64	188	6332879	20.00	ug/L	0.00
38) Chrysene-d12	30.49	240	5293126	20.00	ug/L	-0.03
44) Perylene-d12	34.41	264	3843438	20.00	ug/L	-0.04
System Monitoring Compounds						
37) 2,4-DDD	27.72	235	400804	4.75	ug/L	0.00
Spiked Amount 5.000			Recovery = 95.00%			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	4.01	74	258473	3.02	ug/L	96
3) bis(2-Chloroethyl)ether	9.24	93	617613	5.42	ug/L	99
4) 1,3-Dichlorobenzene	9.61	146	404174	3.12	ug/L	98
5) 1,4-Dichlorobenzene	9.75	146	422920	3.28	ug/L	99
6) 1,2-Dichlorobenzene	10.24	146	423762	3.69	ug/L	97
7) 2,2'-oxybis (1-Chloropropa	10.68	45	862945	4.77	ug/L	98
8) n-Nitroso-di-n-propylamine	11.06	70	383592	4.51	ug/L	92
9) Hexachloroethane	11.04	117	90351	2.03	ug/L	95
11) Nitrobenzene	11.36	77	380837	2.87	ug/L	96
12) Isophorone	12.03	82	1125693	4.42	ug/L	97
13) bis(2-Chloroethoxy)methane	12.77	93	738441	4.44	ug/L	99
14) 1,2,4-Trichlorobenzene	13.12	180	333904	3.42	ug/L	99
15) Naphthalene	13.25	128	1648536	4.42	ug/L	98
16) Hexachlorobutadiene	13.85	225	88777	1.86	ug/L	98
18) Hexachlorocyclopentadiene	15.96	237	8860	0.29	ug/L	96
19) 2-Chloronaphthalene	16.65	162	884257	4.31	ug/L	96
20) Dimethylphthalate	17.89	163	1228840	5.27	ug/L	94
21) 2,6-Dinitrotoluene	18.06	165	85918	1.60	ug/L	97
22) Acenaphthylene	17.87	152	1379046	4.39	ug/L	100
23) Acenaphthene	18.42	153	1029211	4.97	ug/L	98
24) 2,4-Dinitrotoluene	19.18	165	92257	1.24	ug/L	90
25) Diethylphthalate	19.99	149	1209469	5.58	ug/L	99
26) 4-Chlorophenyl-phenylether	20.03	204	534747	5.45	ug/L	93
27) Fluorene	19.91	166	1181660	4.73	ug/L	99
28) Azobenzene/1,2-Diphenylhyd	20.47	77	1378073	4.82	ug/L	95
30) N-nitrosodiphenylamine	20.43	169	706835	4.36	ug/L	98
31) 4-Bromophenyl-phenylether	21.44	248	303021	4.74	ug/L	99
32) Hexachlorobenzene	21.77	284	316201	4.75	ug/L	95
33) Phenanthrene	22.70	178	1880277	5.32	ug/L	99
34) Anthracene	22.82	178	1702227	4.78	ug/L	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB26\0130R.D Vial: 2
Acq On : 26 Feb 2002 11:07 am Operator:
Sample : ref 1/30 Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 26 15:07:05 2002 Quant Results File: HP022102.RES

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Last Update : Mon Feb 25 10:47:59 2002
Response via : Initial Calibration
DataAcq Meth : HP020702

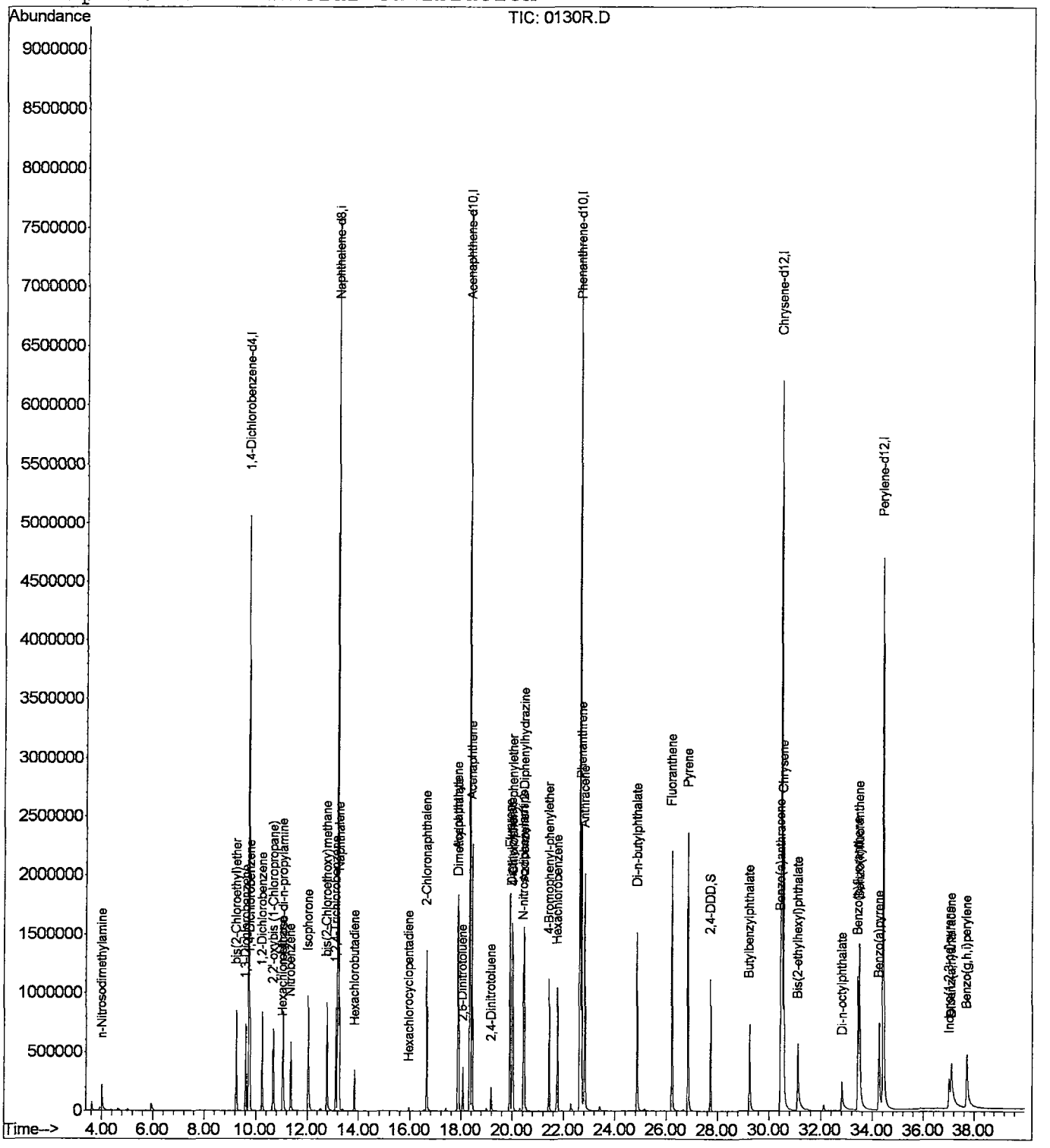
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
35)	Di-n-butylphthalate	24.86	149	1948367	4.76	ug/L	99
36)	Fluoranthene	26.21	202	1889883	5.06	ug/L	96
39)	Pyrene	26.84	202	2027878	5.21	ug/L	94
40)	Butylbenzylphthalate	29.25	149	477249	2.69	ug/L	95
41)	Benzo(a)anthracene	30.44	228	1419682	4.45	ug/L	98
42)	Bis(2-ethylhexyl)phthalate	31.11	149	663593	2.98	ug/L	100
43)	Chrysene	30.56	228	1715540	5.50	ug/L	99
45)	Di-n-octylphthalate	32.83	149	602083	6.13	ug/L	100
46)	Benzo(b)fluoranthene	33.45	252	1050173m	4.09	ug/L	
47)	Benzo(k)fluoranthene	33.50	252	1702245	5.89	ug/L	95
48)	Benzo(a)pyrene	34.25	252	860907	3.29	ug/L	96
49)	Indeno(1,2,3-cd)pyrene	37.01	276	709889m	3.13	ug/L	
50)	Dibenz(a,h)anthracene	37.11	278	642790	3.40	ug/L	95
51)	Benzo(g,h,i)perylene	37.71	276	810996	3.82	ug/L	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB26\0130R.D Vial: 2
Acq On : 26 Feb 2002 11:07 am Operator:
Sample : ref 1/30 Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 27 8:29 2002 Quant Results File: HP022102.R

Method : C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
Title : 508 scan method
Last Update : Mon Feb 25 10:47:59 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB26\02015.D Vial: 3
Acq On : 26 Feb 2002 11:57 am Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 27 08:30:30 2002 Quant Results File: HP022102.RES

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Last Update : Mon Feb 25 10:47:59 2002
Response via : Initial Calibration
DataAcq Meth : HP020702

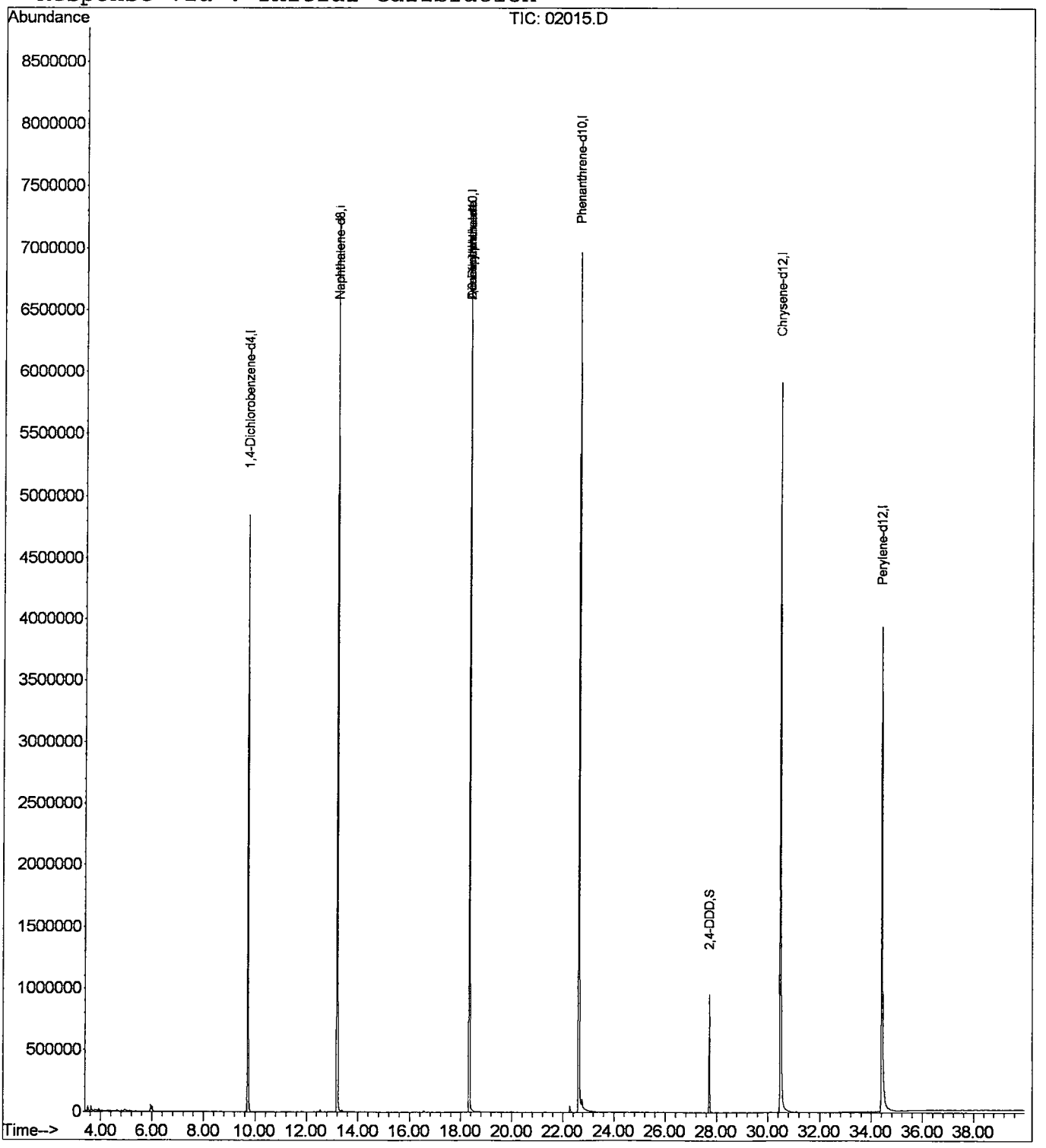
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.72	152	1693540	20.00	ug/L	0.00
10) Naphthalene-d8	13.20	136	7391402	20.00	ug/L	0.00
17) Acenaphthene-d10	18.34	164	3726213	20.00	ug/L	0.00
29) Phenanthrene-d10	22.63	188	6156986	20.00	ug/L	-0.01
38) Chrysene-d12	30.49	240	4842563	20.00	ug/L	-0.03
44) Perylene-d12	34.41	264	3305225	20.00	ug/L	-0.04
System Monitoring Compounds						
37) 2,4-DDD	27.72	235	342370	4.17	ug/L	0.00
Spiked Amount 5.000			Recovery = 83.40%			
Target Compounds						Qvalue
20) Dimethylphthalate	18.34	163	601401	2.66	ug/L	# 58
21) 2,6-Dinitrotoluene	18.34	165	473724	9.08	ug/L	# 27

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB26\02015.D Vial: 3
Acq On : 26 Feb 2002 11:57 am Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 27 8:30 2002 Quant Results File: HP022102.R

Method : C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
Title : 508 scan method
Last Update : Mon Feb 25 10:47:59 2002
Response via : Initial Calibration



User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 02/28/2002 Time: 08:24:46

Sample: AE02015
Analysis: $B1GCMS Blank for GCMS Scan
Units: ug
Started: 2/27/02 08:24 Ended: 2/28/02 08:24 Analyst: WB
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		< MDL		2.0
2	bis(2-Chloroethyl)ether		< MDL		2.0
3	1,3-Dichlorobenzene		< MDL		2.0
4	1,4-Dichlorobenzene		< MDL		2.0
5	1,2-Dichlorobenzene		< MDL		2.0
6	2,2'-oxybis(1-Chloropropane)		< MDL		2.0
7	n-Nitrosodi-n-propylamine		< MDL		2.0
8	Hexachloroethane		< MDL		2.0
9	Nitrobenzene		< MDL		2.0
10	Isophorone		< MDL		2.0
11	bis(2-Chloroethoxy)methane		< MDL		2.0
12	1,2,4-Trichlorobenzene		< MDL		2.0
13	Naphthalene		< MDL		2.0
14	Hexachlorobutadiene		< MDL		2.0
15	2-Chloronaphthalene		< MDL		2.0
16	Dimethylphthalate		< MDL		2.0
17	2,6-Dinitrotoluene		< MDL		2.0
18	Acenaphthylene		< MDL		2.0
19	Acenaphthene		< MDL		2.0
20	2,4-Dinitrotoluene		< MDL		2.0
21	Diethylphthalate		< MDL		2.0
22	4-Chlorophenylphenylether		< MDL		2.0
23	Fluorene		< MDL		2.0
24	Azobenzene/1,2-Diphenylhydra		< MDL		2.0
25	n-Nitrosodiphenylamine		< MDL		2.0
26	4-Bromophenylphenylether		< MDL		2.0
27	Hexachlorobenzene		< MDL		2.0
28	Phenanthrene		< MDL		2.0
29	Anthracene		< MDL		2.0
30	Di-n-butylphthalate		< MDL		2.0
31	Fluoranthene		< MDL		2.0
32	Pyrene		< MDL		2.0
33	Butylbenzylphthalate		< MDL		2.0
34	Benzo(a)anthracene		< MDL		2.0
35	bis(2-Ethylhexyl)phthalate		< MDL		2.0
36	Chrysene		< MDL		2.0
37	Di-n-octylphthalate		< MDL		2.0
38	Benzo(b)fluoranthene		< MDL		2.0
39	Benzo(k)fluoranthene		< MDL		2.0
40	Benzo(a)pyrene		< MDL		2.0
41	Indeno(1,2,3-cd)pyrene		< MDL		2.0
42	Dibenz(a,h)anthracene		< MDL		2.0
43	Benzo(g,h,i)perylene		< MDL		2.0

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB26\0130B.D Vial: 1
Acq On : 26 Feb 2002 10:17 am Operator:
Sample : lab blank 1/30 Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 27 08:28:43 2002 Quant Results File: HP022102.RES

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Last Update : Mon Feb 25 10:47:59 2002
Response via : Initial Calibration
DataAcq Meth : HP020702

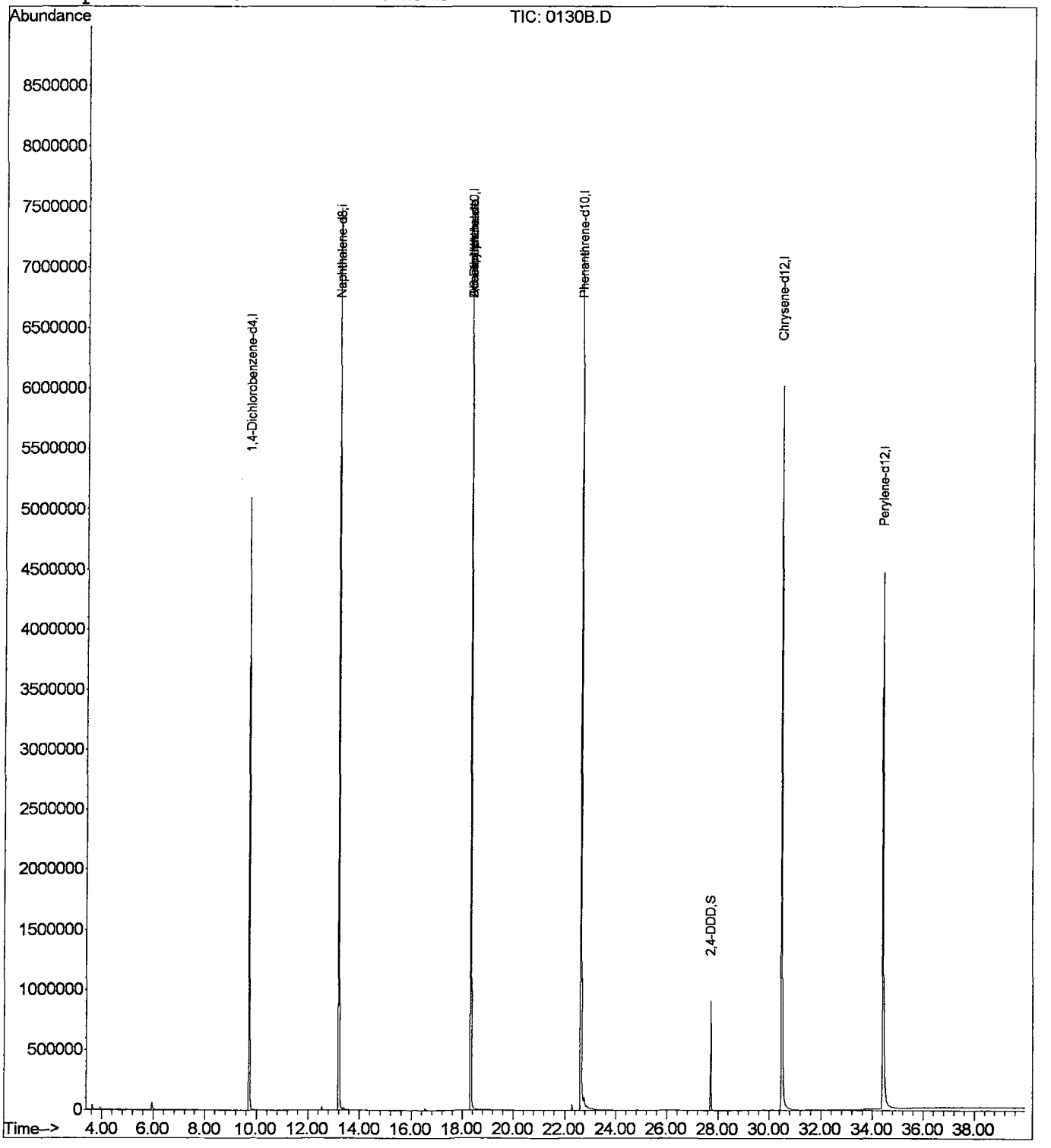
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.72	152	1811515	20.00	ug/L	0.00
10) Naphthalene-d8	13.20	136	7726739	20.00	ug/L	0.00
17) Acenaphthene-d10	18.34	164	3866384	20.00	ug/L	0.00
29) Phenanthrene-d10	22.64	188	6599566	20.00	ug/L	0.00
38) Chrysene-d12	30.49	240	5117332	20.00	ug/L	-0.03
44) Perylene-d12	34.42	264	3688116	20.00	ug/L	-0.03
System Monitoring Compounds						
37) 2,4-DDD	27.72	235	323958	3.68	ug/L	0.00
Spiked Amount 5.000			Recovery = 73.60%			
Target Compounds						Qvalue
20) Dimethylphthalate	18.34	163	617278	2.63	ug/L #	58
21) 2,6-Dinitrotoluene	18.34	165	487163	8.99	ug/L #	27

(#) = qualifier out of range (m) = manual integration
0130B.D HP022102.M Wed Feb 27 08:28:44 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB26\0130B.D Vial: 1
Acq On : 26 Feb 2002 10:17 am Operator:
Sample : lab blank 1/30 Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 27 8:28 2002 Quant Results File: HP022102.R

Method : C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
Title : 508 scan method
Last Update : Mon Feb 25 10:47:59 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\0130B.D Vial: 1
Acq On : 26 Feb 2002 10:17 am Operator:
Sample : lab blank 1/30 Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
Title : 508 scan method
Smoothing : OFF Filtering: 5
Sampling : 2 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 20
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

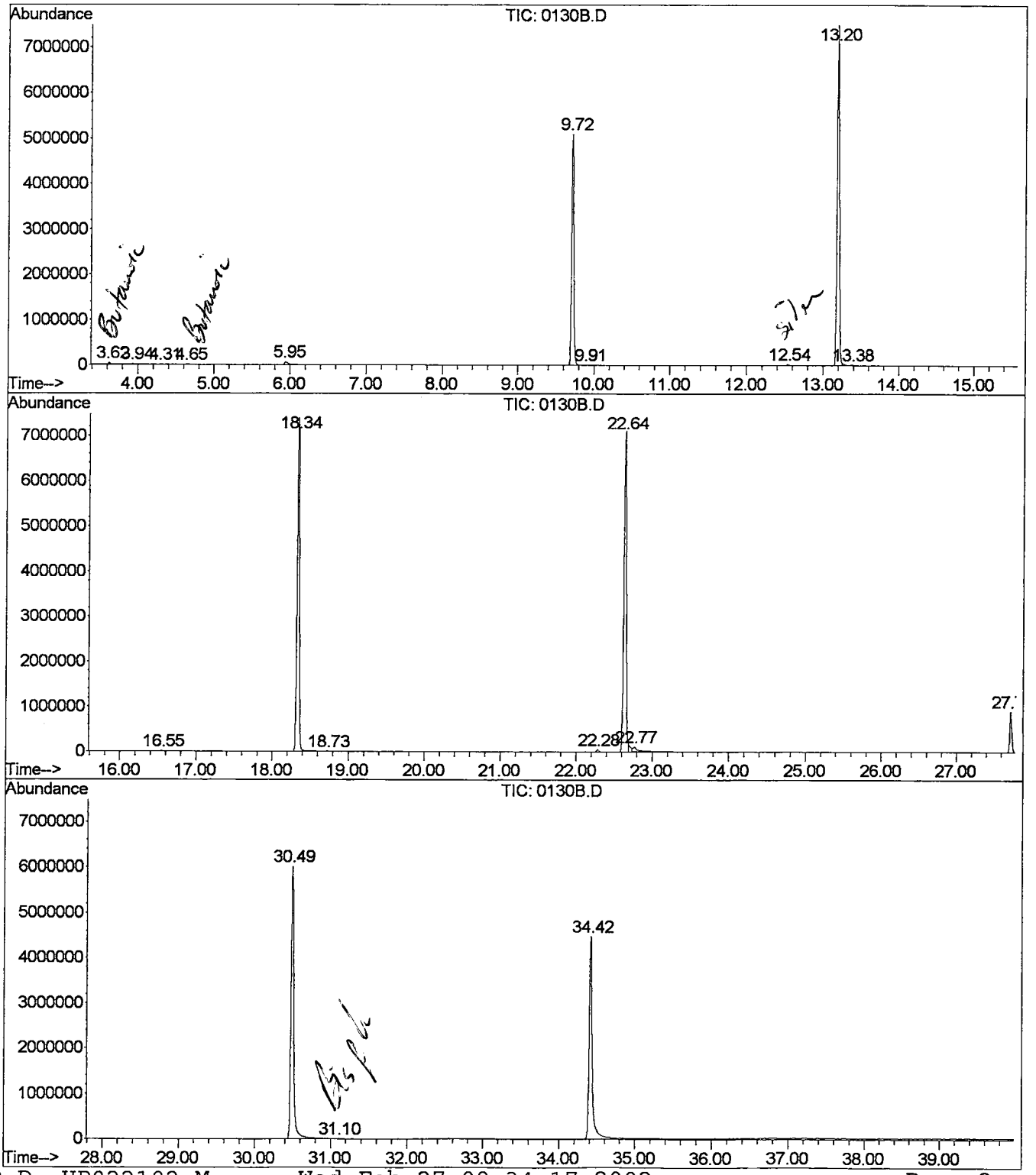
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.622	19	22	31	rBV	40125	66400	0.40%	0.076%
2	3.938	45	50	57	rVV	17627	34513	0.21%	0.040%
3	4.311	79	83	87	rBV3	6316	12569	0.08%	0.014%
4	4.649	109	113	117	rBV3	8368	13791	0.08%	0.016%
5	5.948	223	228	249	rVB	62653	192933	1.18%	0.221%
6	9.718	557	562	567	rBV	5091336	10045488	61.26%	11.524%
7	9.910	575	579	589	rVV2	3881	13183	0.08%	0.015%
8	12.540	807	812	817	rVV	26384	45977	0.28%	0.053%
9	13.195	865	870	875	rBV	7488389	14586721	88.95%	16.733%
10	13.376	883	886	893	rVB2	17383	40925	0.25%	0.047%
11	16.548	1165	1167	1171	rVB	13130	19273	0.12%	0.022%
12	18.343	1319	1326	1331	rBV	7398196	15636062	95.35%	17.937%
13	18.727	1355	1360	1369	rVB3	6444	27663	0.17%	0.032%
14	22.283	1671	1675	1681	rBV	48293	96764	0.59%	0.111%
15	22.644	1701	1707	1711	rBV2	7122470	16398322	100.00%	18.812%
16	22.768	1715	1718	1743	rVB	98581	494803	3.02%	0.568%
17	27.724	2153	2157	2163	rBV	906255	1592664	9.71%	1.827%
18	30.490	2397	2402	2431	rBV2	6016545	15237297	92.92%	17.480%
19	31.099	2451	2456	2459	rVB3	5761	13802	0.08%	0.016%
20	34.418	2743	2750	2781	rBV	4471648	12601955	76.85%	14.457%

Sum of corrected areas: 87171105

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02FEB26\0130B.D
Operator :
Acquired : 26 Feb 2002 10:17 am using AcqMethod HP020702
Instrument : Instrumen
Sample Name: lab blank 1/30
Misc Info : February 26, 2002
Vial Number: 1
Quant File :HP022102.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\0130B.D Vial: 1
Acq On : 26 Feb 2002 10:17 am Operator:
Sample : lab blank 1/30 Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

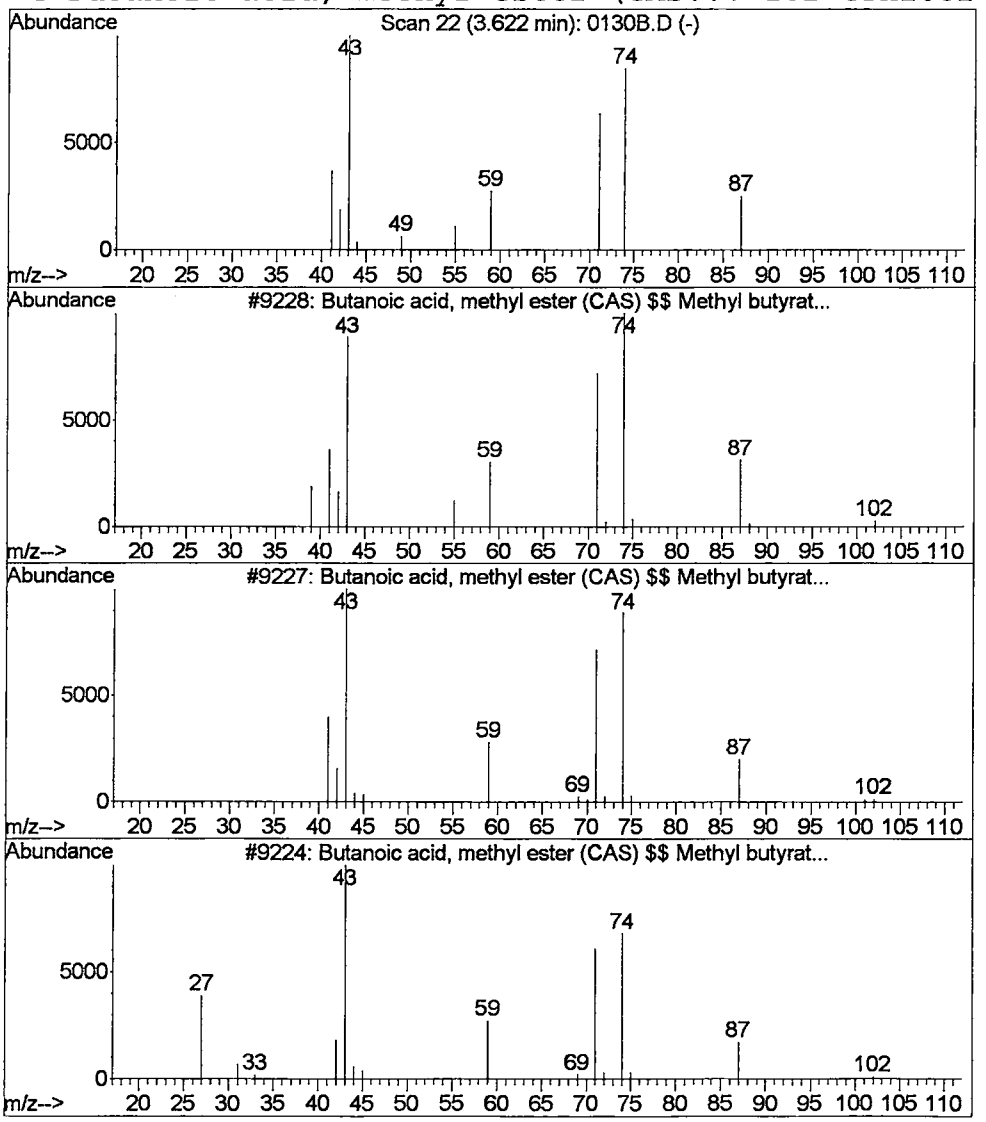
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

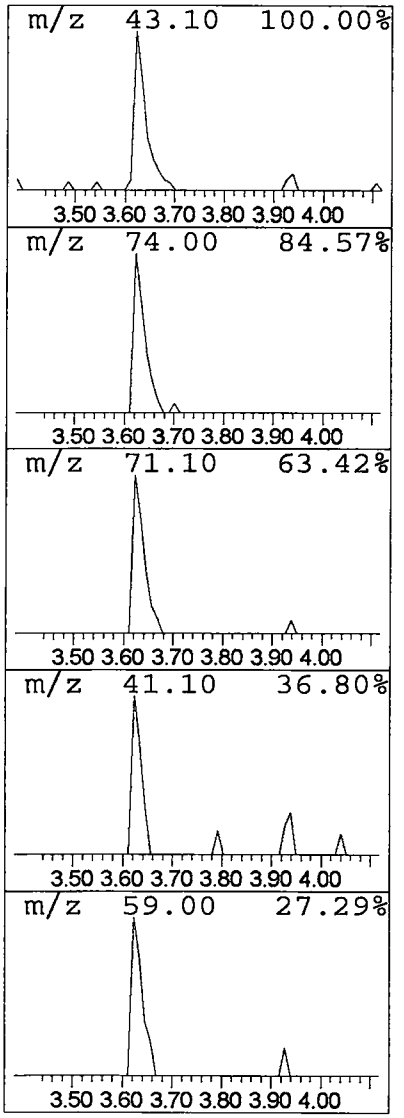
****

Peak Number 1 Butanoic acid, methyl ester... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.62	0.13 ug/L	66400	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
2	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
3	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
4	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	78





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\0130B.D Vial: 1
Acq On : 26 Feb 2002 10:17 am Operator:
Sample : lab blank 1/30 Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

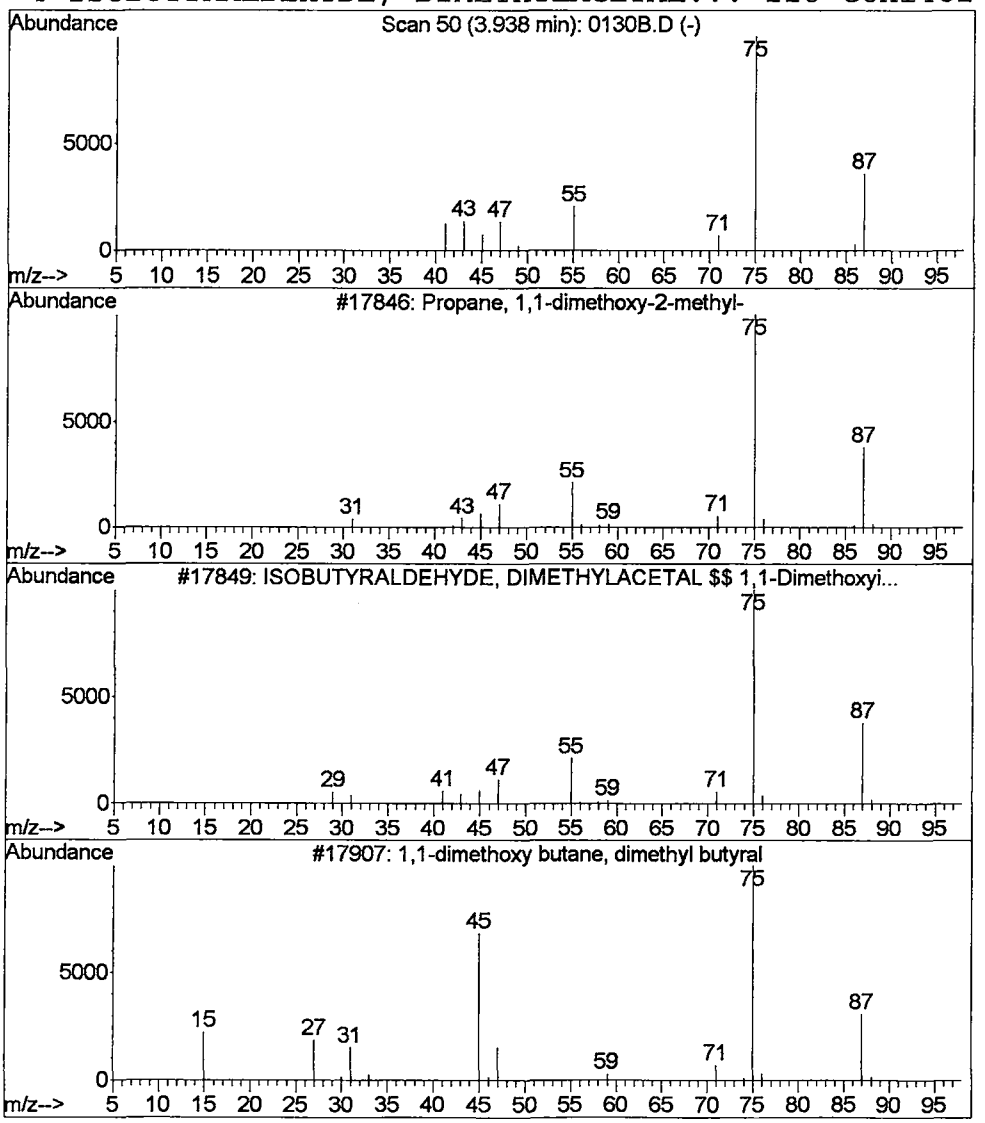
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

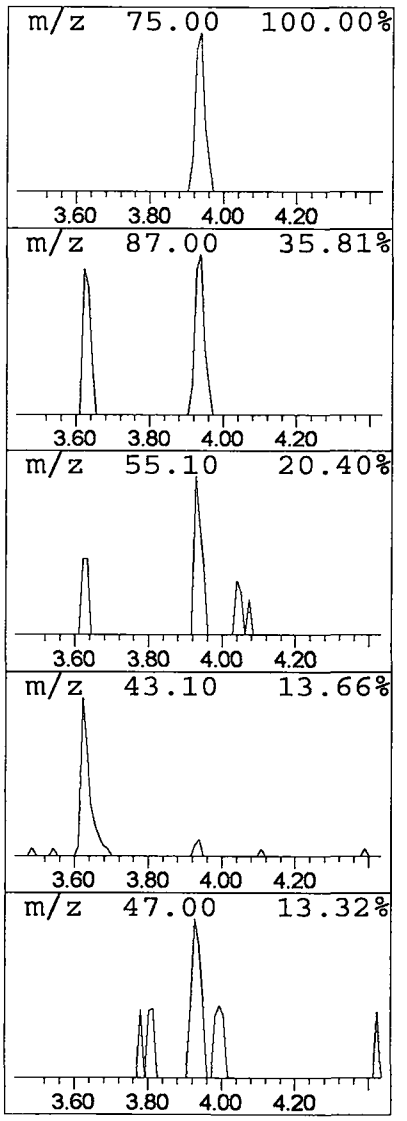
****

Peak Number 2 Propane, 1,1-dimethoxy-2-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.94	0.07 ug/L	34513	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-2-methyl-	118	C6H14O2	041632-89-7	74
2	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	74
3	1,1-dimethoxy butane, dimethyl b...	118	C6H14O2	000000-00-0	9
4	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\0130B.D Vial: 1
Acq On : 26 Feb 2002 10:17 am Operator:
Sample : lab blank 1/30 Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

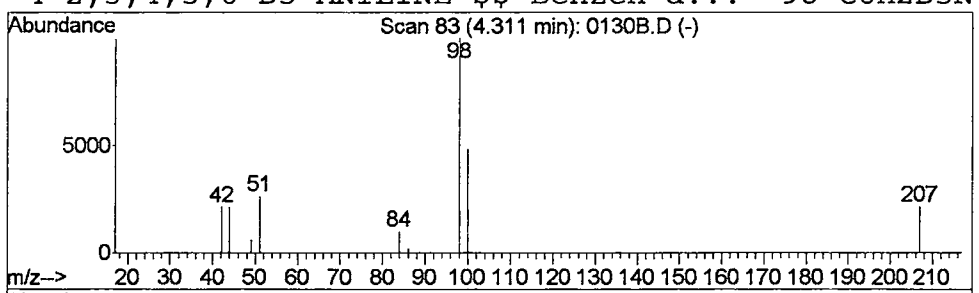
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

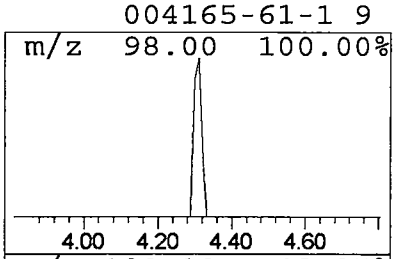
****

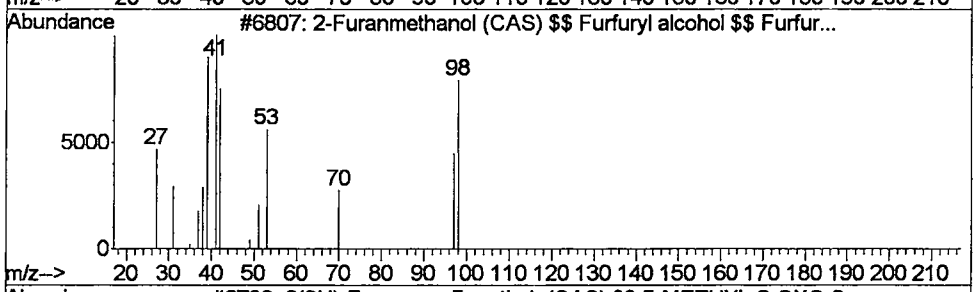
Peak Number 3 2-Furanmethanol (CAS) $$ Fu... Concentration Rank 11

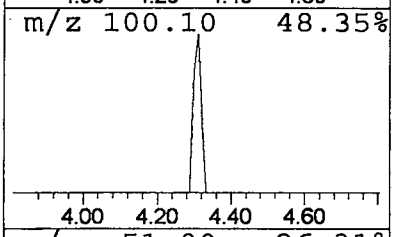
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.31	0.03 ug/L	12569	1,4-Dichlorobenzene-d4	9.72

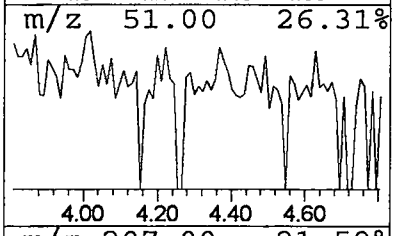
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Furanmethanol (CAS) $$ Furfury...	98	C5H6O2	000098-00-0	9
2	2(3H)-Furanone, 5-methyl- (CAS) ...	98	C5H6O2	000591-12-8	9
3	Ethene, 1-chloro-1,2-difluoro- $...	98	C2HClF2	000359-04-6	9
4	2,3,4,5,6-D5-ANILINE $$ Benzen-d...	98	C6H2D5N	004165-61-1	9

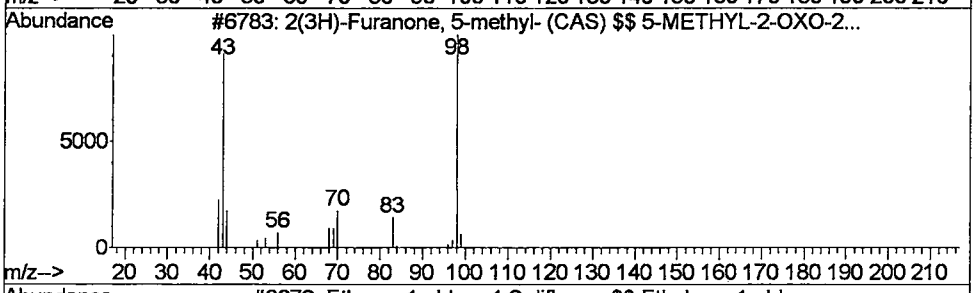


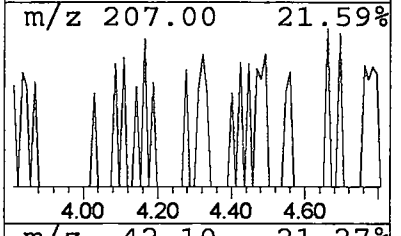


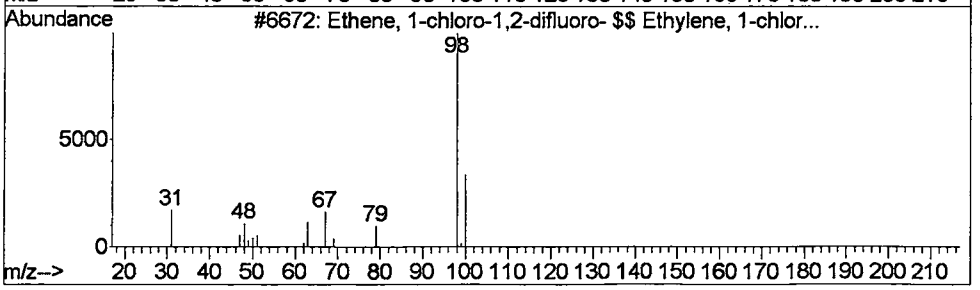


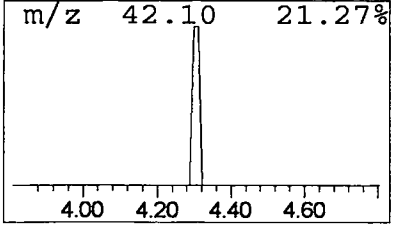












Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\0130B.D Vial: 1
Acq On : 26 Feb 2002 10:17 am Operator:
Sample : lab blank 1/30 Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

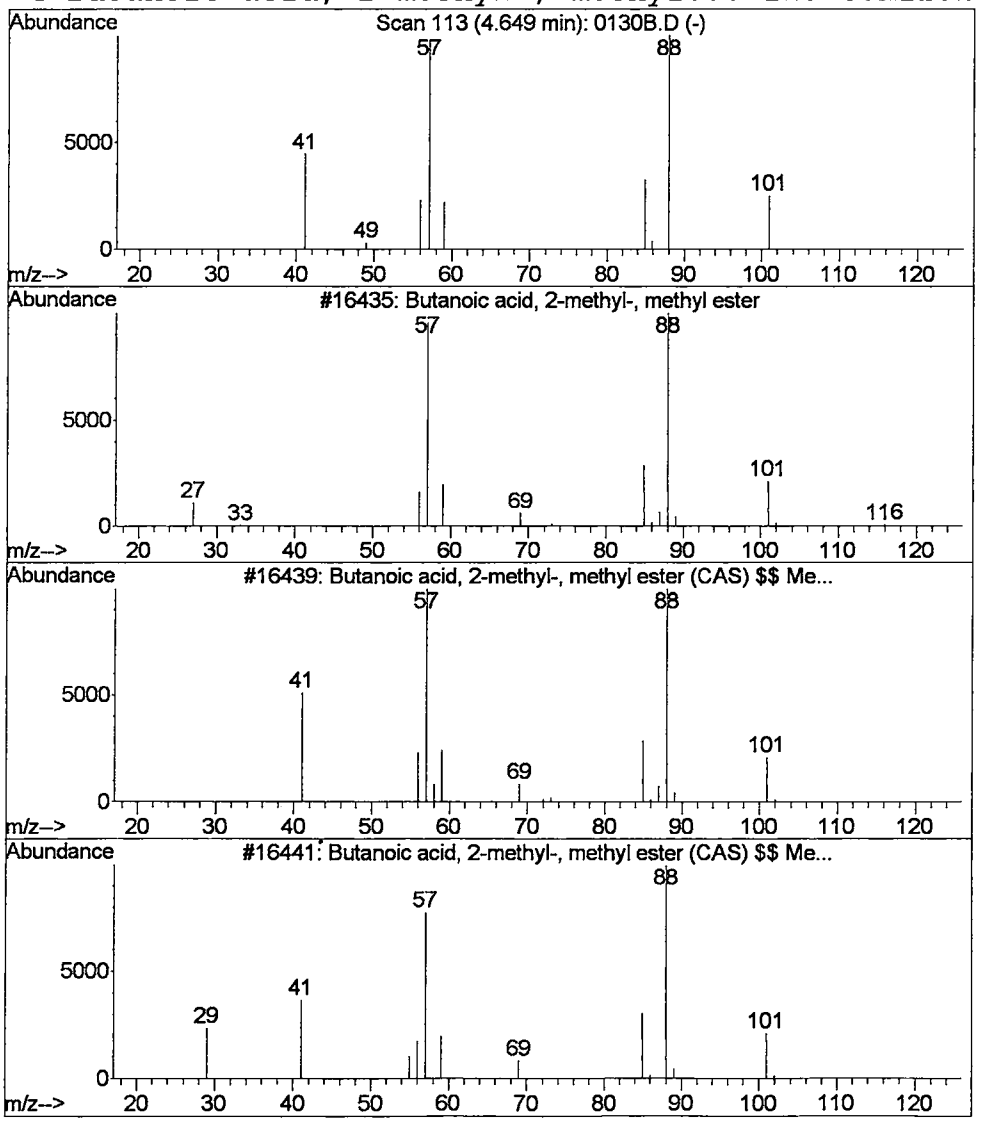
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

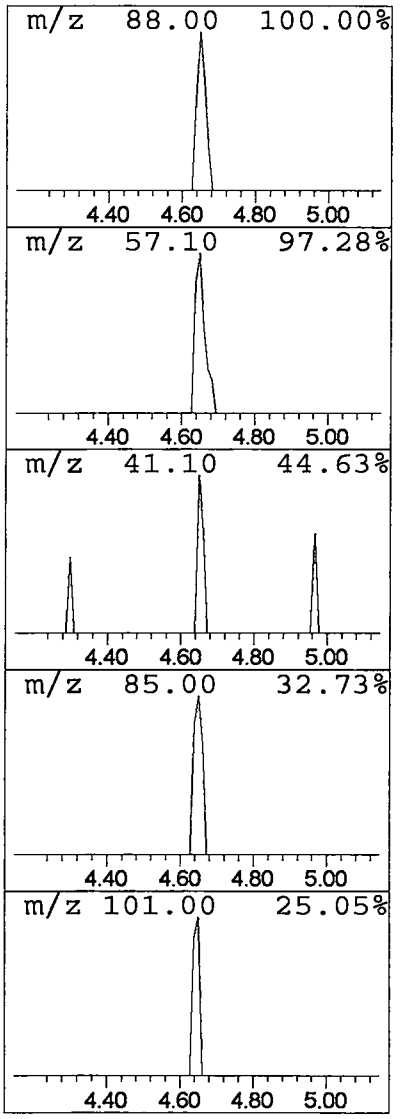
****

Peak Number 4 Butanoic acid, 2-methyl-, m... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.65	0.03 ug/L	13791	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	83
2	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	83
3	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	83
4	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	83





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\0130B.D Vial: 1
Acq On : 26 Feb 2002 10:17 am Operator:
Sample : lab blank 1/30 Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

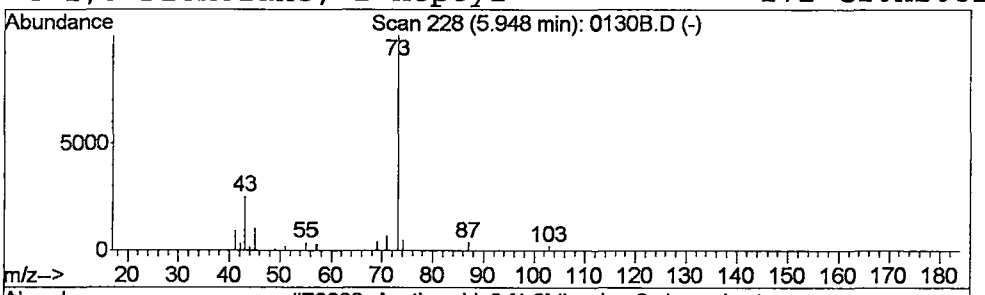
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

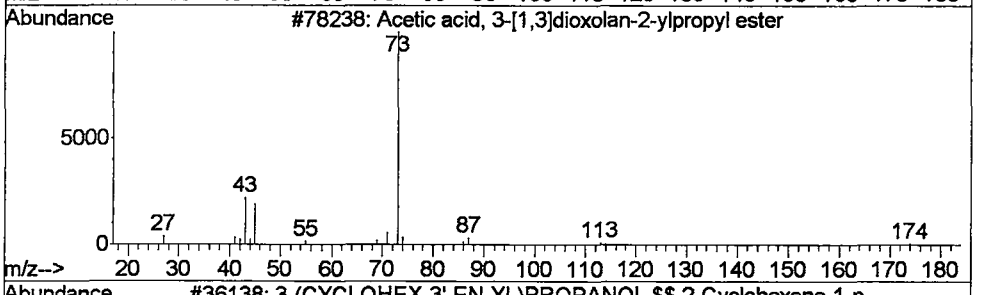
****

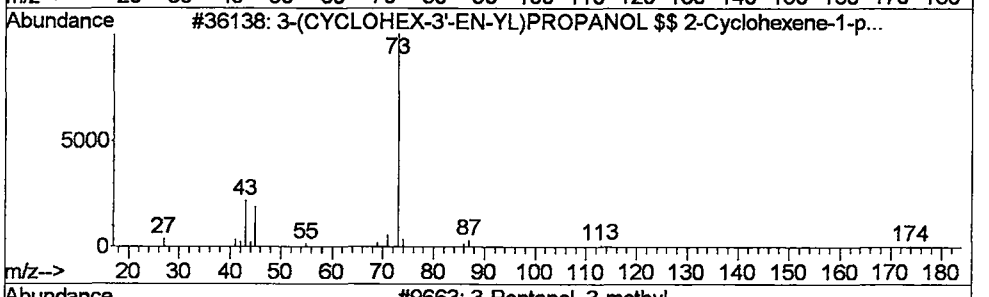
Peak Number 5 Acetic acid, 3-[1,3]dioxola... Concentration Rank 2

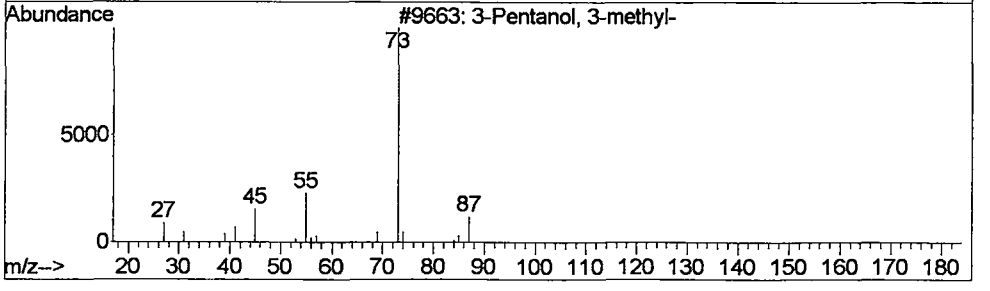
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	0.38 ug/L	192933	1,4-Dichlorobenzene-d4	9.72

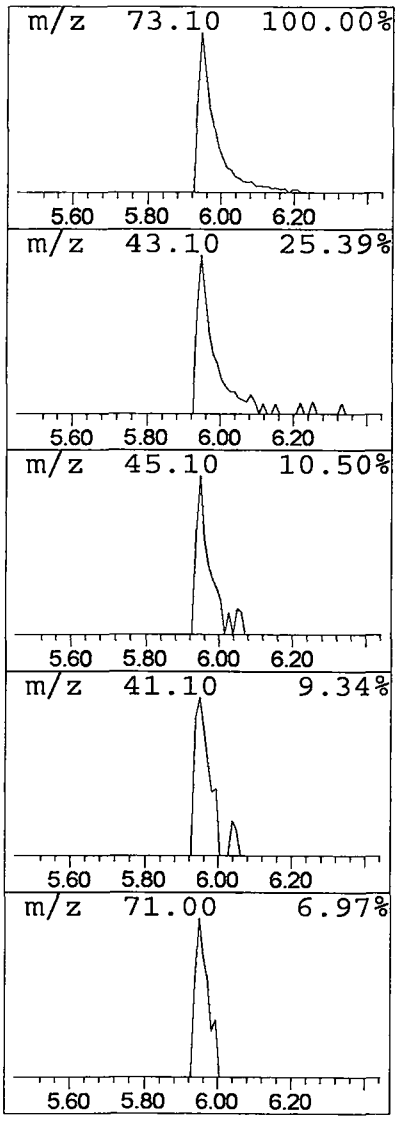
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	38
2	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	38
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
4	1,3-Dioxolane, 2-heptyl-	172	C10H20O2	004359-57-3	9











Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\0130B.D Vial: 1
Acq On : 26 Feb 2002 10:17 am Operator:
Sample : lab blank 1/30 Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

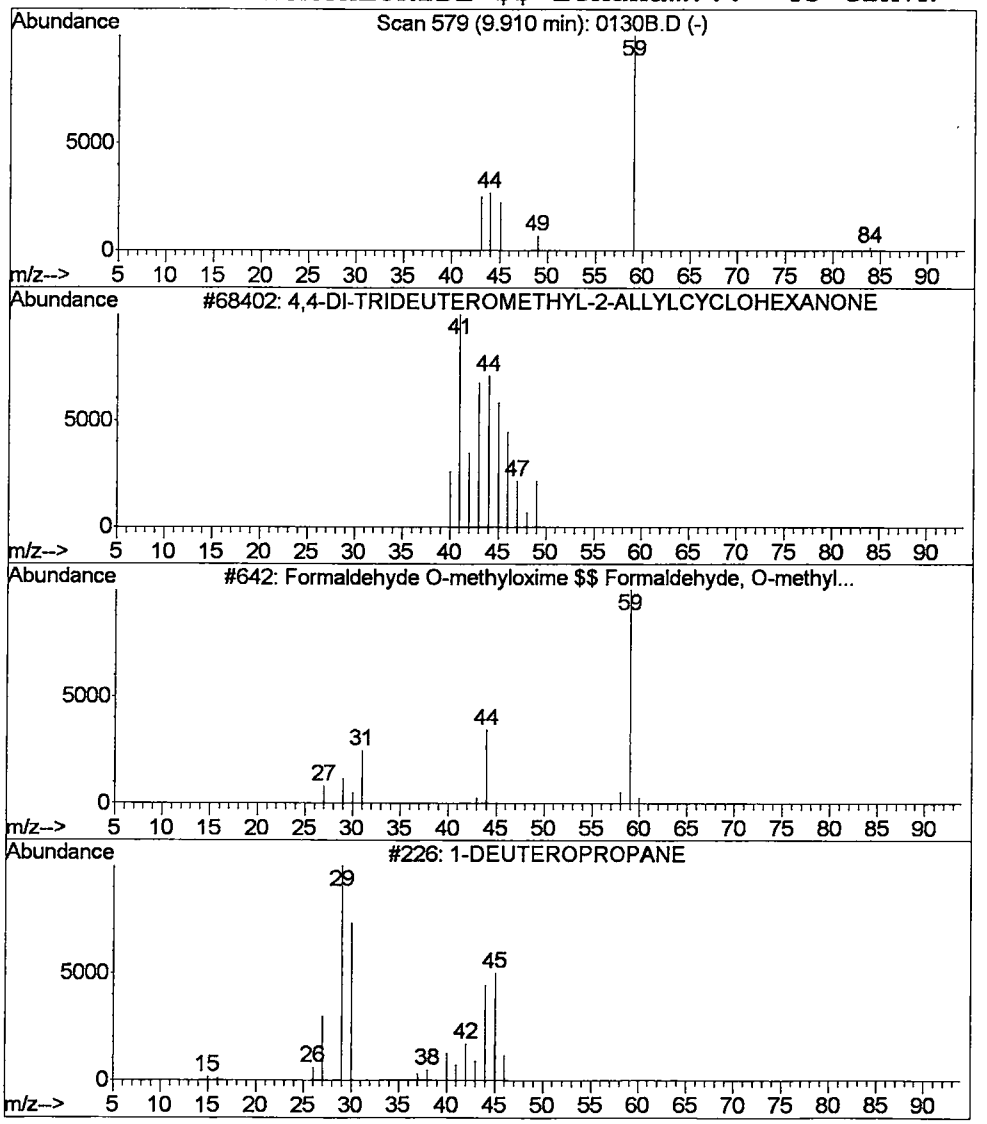
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

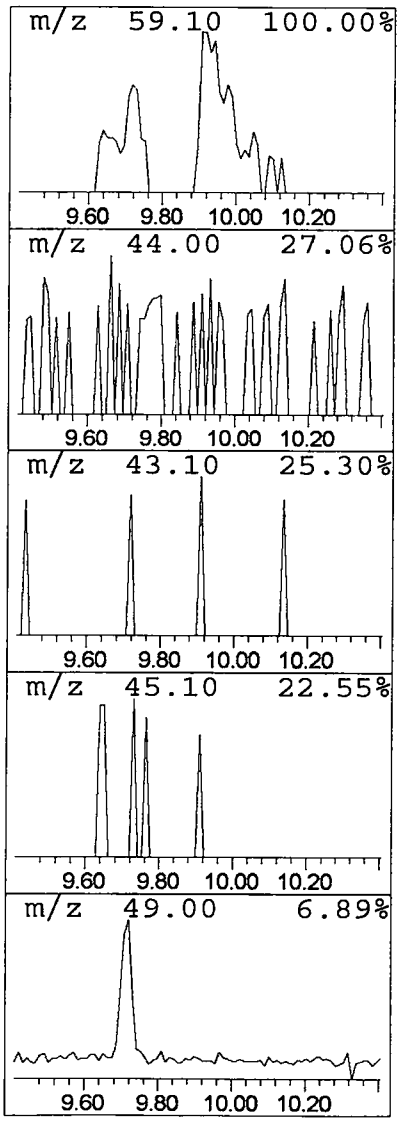
****

Peak Number 6 4,4-DI-TRIDEUTEROMETHYL-2-A... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	0.03 ug/L	13183	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4-DI-TRIDEUTEROMETHYL-2-ALLYLC...	172	C11H12D6O	000000-00-0	9
2	Formaldehyde O-methyloxime $$ Fo...	59	C2H5NO	062479-73-6	4
3	1-DEUTEROPROPANE	45	C3H7D	020717-73-1	4
4	ETHYLAMMONIUMCHLORIDE $$ Ethanam...	45	C2H7N	000075-04-7	4





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\0130B.D Vial: 1
Acq On : 26 Feb 2002 10:17 am Operator:
Sample : lab blank 1/30 Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

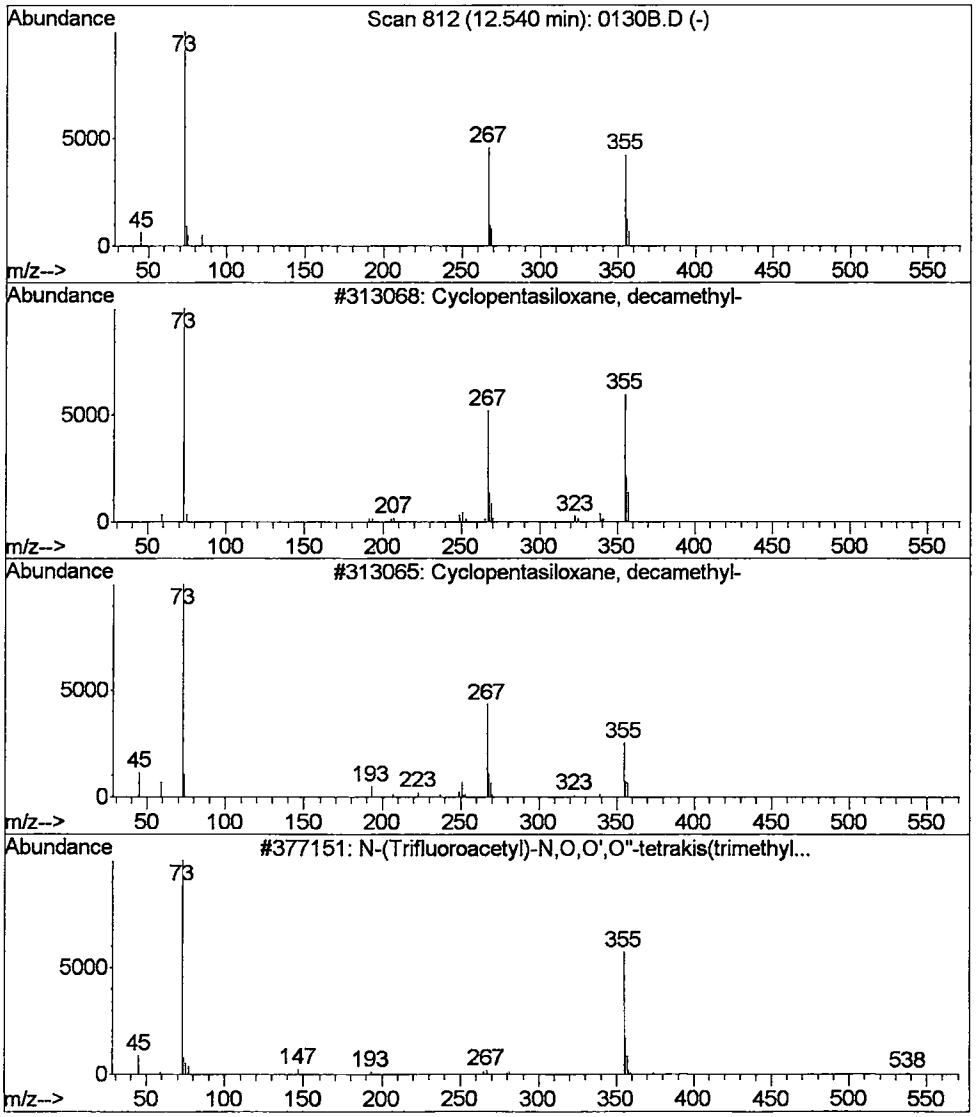
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

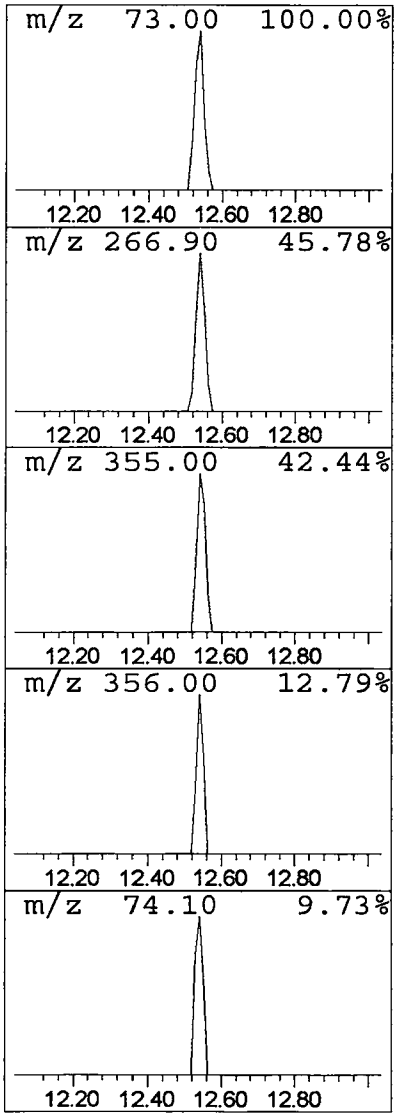
****

Peak Number 7 Cyclopentasiloxane, decamet... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	0.06 ug/L	45977	Naphthalene-d8	13.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	78
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	74
3	N-(Trifluoroacetyl)-N,O,O',O''-t...	553	C22H42F3NO4Si4	000000-00-0	38
4	Noradrenaline tetraTMS	457	C20H43NO3Si4	068595-65-3	37





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\0130B.D Vial: 1
Acq On : 26 Feb 2002 10:17 am Operator:
Sample : lab blank 1/30 Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

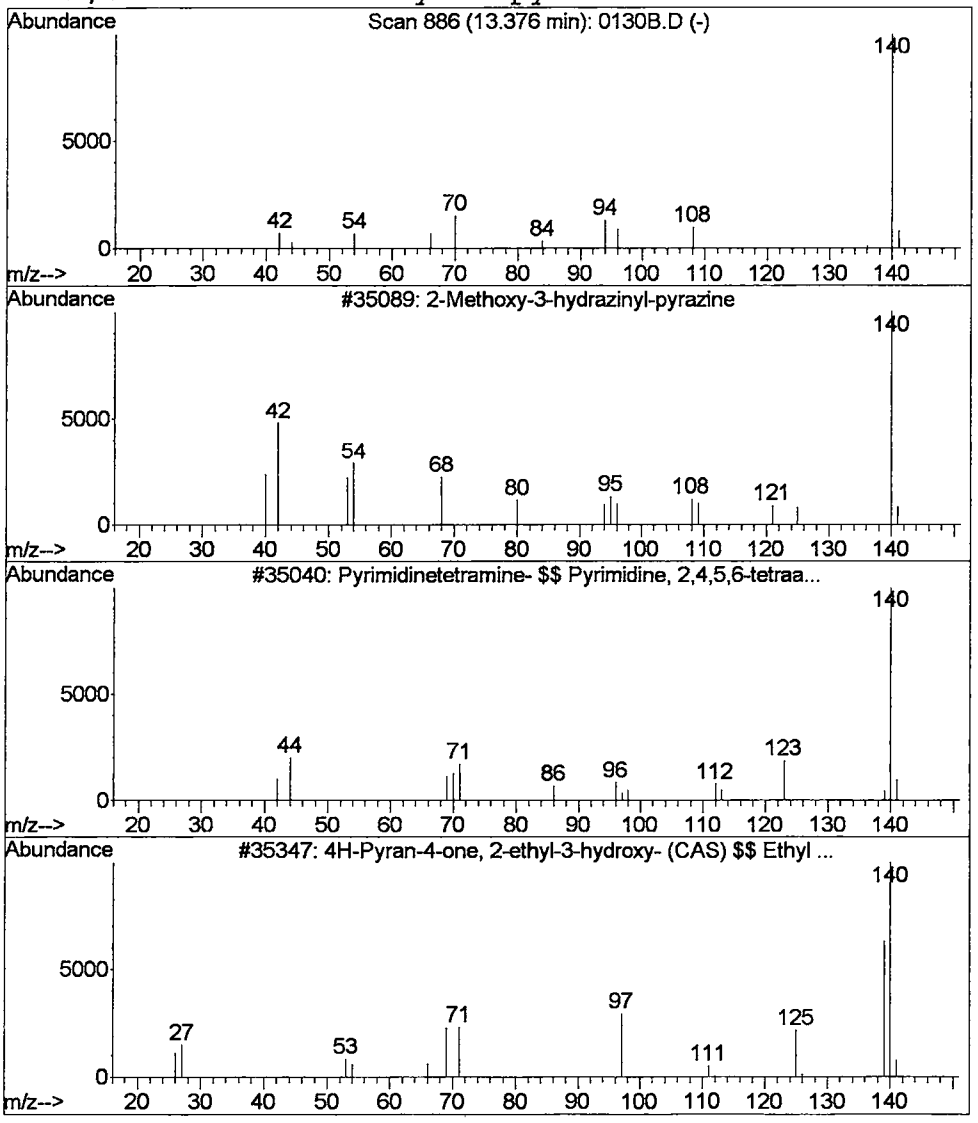
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

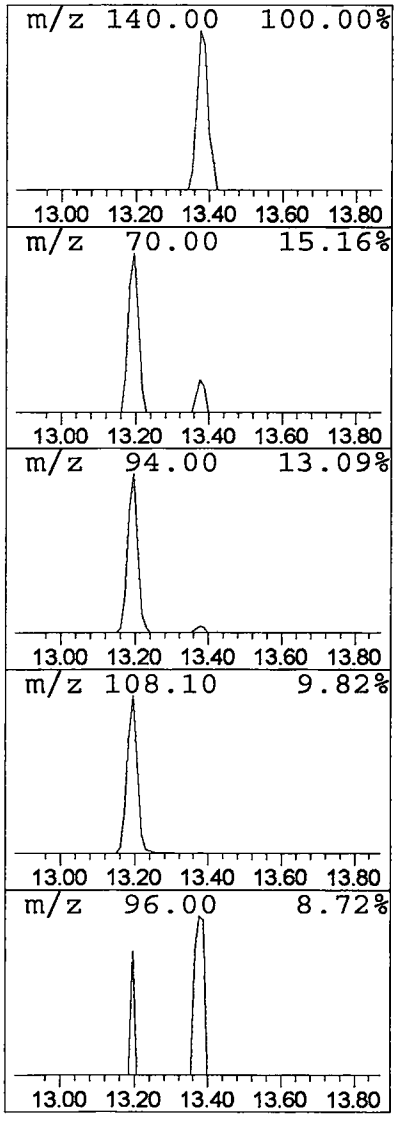
****

Peak Number 8 2-Methoxy-3-hydrazinyl-pyra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	0.06 ug/L	40925	Naphthalene-d8	13.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methoxy-3-hydrazinyl-pyrazine	140	C5H8N4O	000000-00-0	72
2	Pyrimidinetetramine- $$ Pyrimidi...	140	C4H8N6	001004-74-6	59
3	4H-Pyran-4-one, 2-ethyl-3-hydrox...	140	C7H8O3	004940-11-8	9
4	2,5-Diamino-6-methyl-4-pyrimidinol	140	C5H8N4O	000000-00-0	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\0130B.D Vial: 1
Acq On : 26 Feb 2002 10:17 am Operator:
Sample : lab blank 1/30 Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

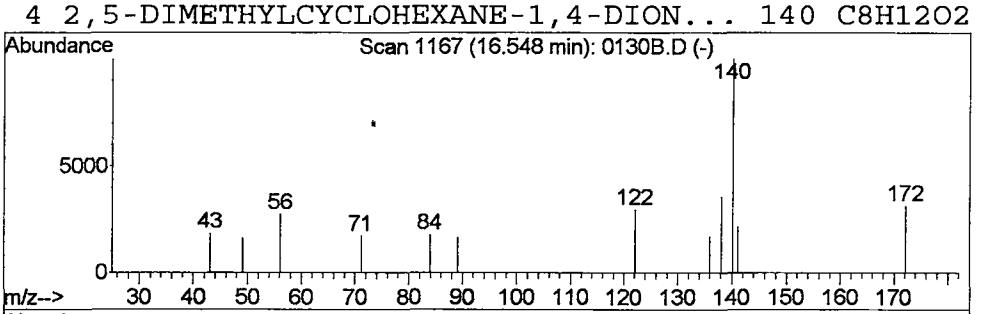
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

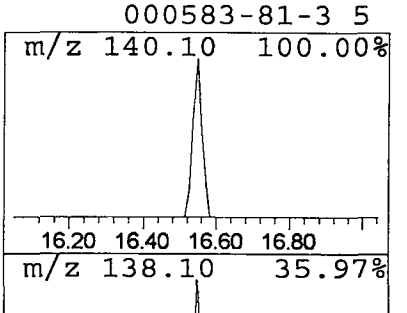
****

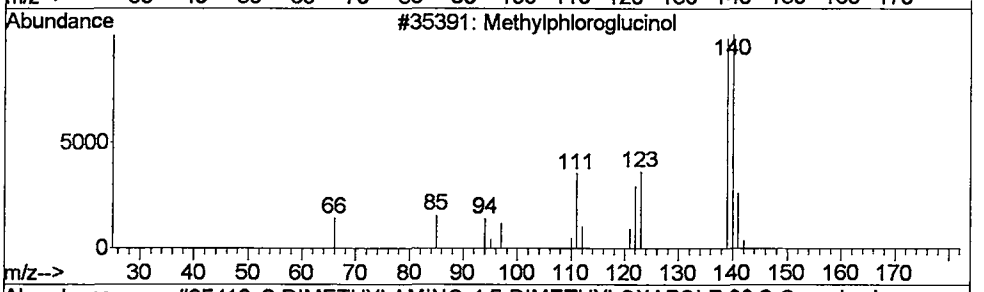
Peak Number 9 Methylphloroglucinol Concentration Rank 12

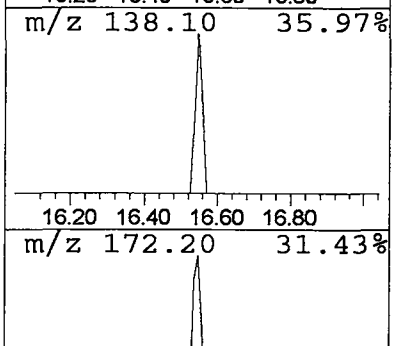
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	0.02 ug/L	19273	Acenaphthene-d10	18.34

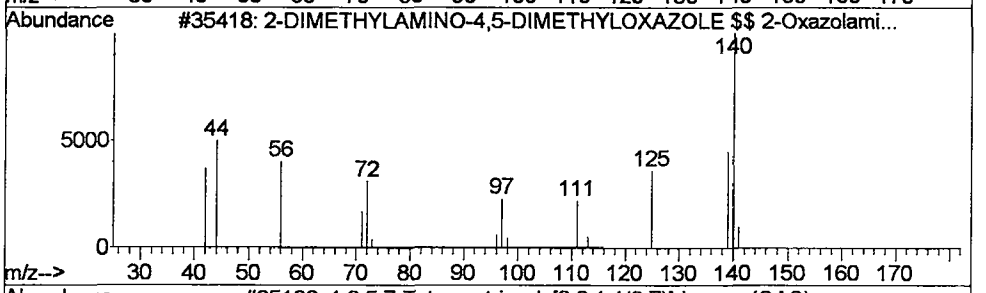
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylphloroglucinol	140	C7H8O3	000000-00-0	9
2	2-DIMETHYLAMINO-4,5-DIMETHYLOXAZ...	140	C7H12N2O	073777-29-4	9
3	1,3,5,7-Tetraazatricyclo[3.3.1.1...	140	C6H12N4	000100-97-0	7
4	2,5-DIMETHYLCYCLOHEXANE-1,4-DION...	140	C8H12O2	000583-81-3	5

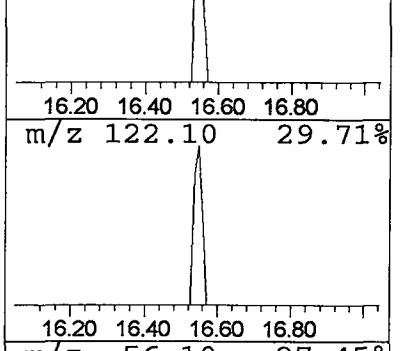


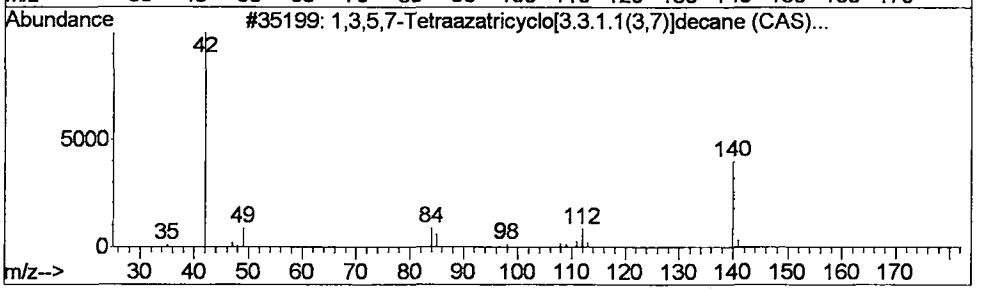












Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\0130B.D Vial: 1
Acq On : 26 Feb 2002 10:17 am Operator:
Sample : lab blank 1/30 Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

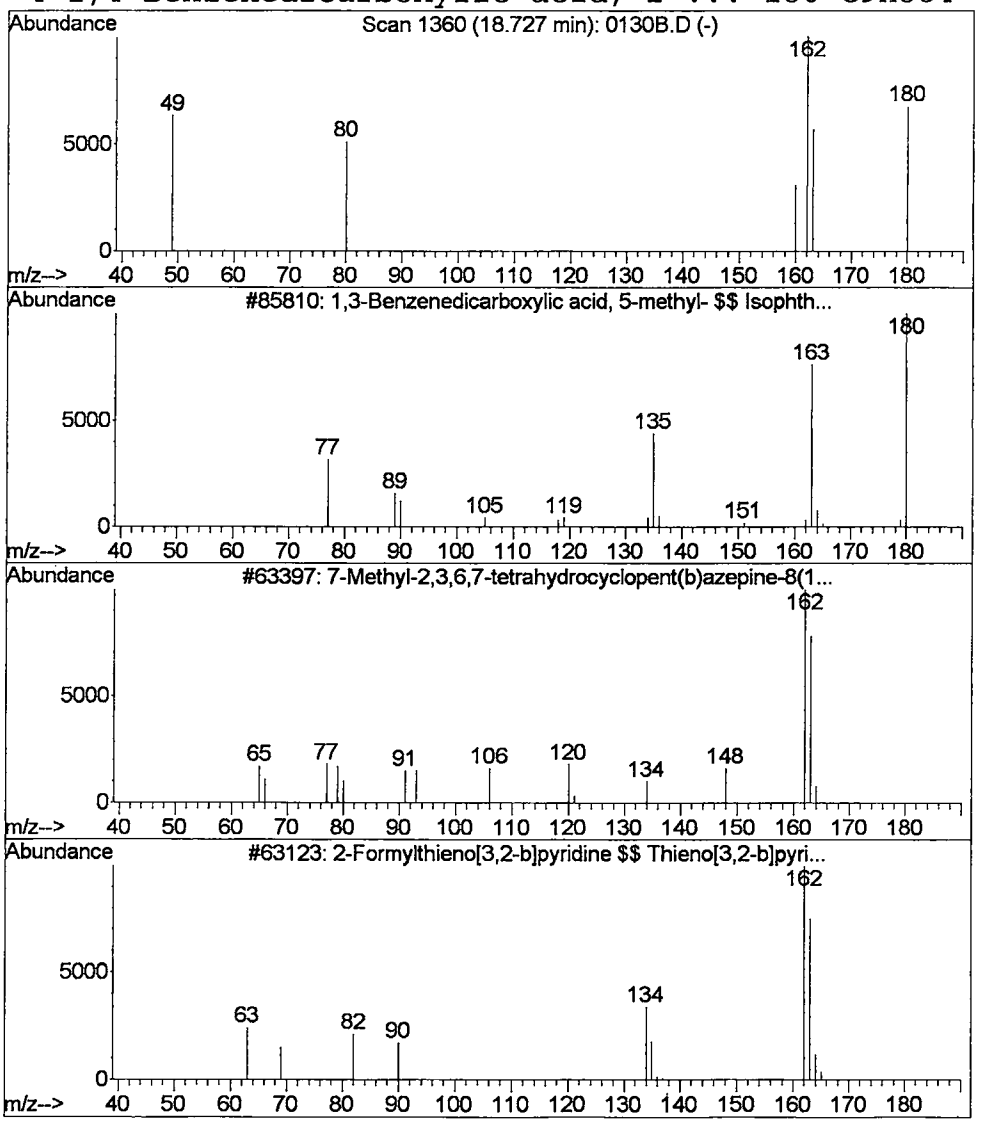
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

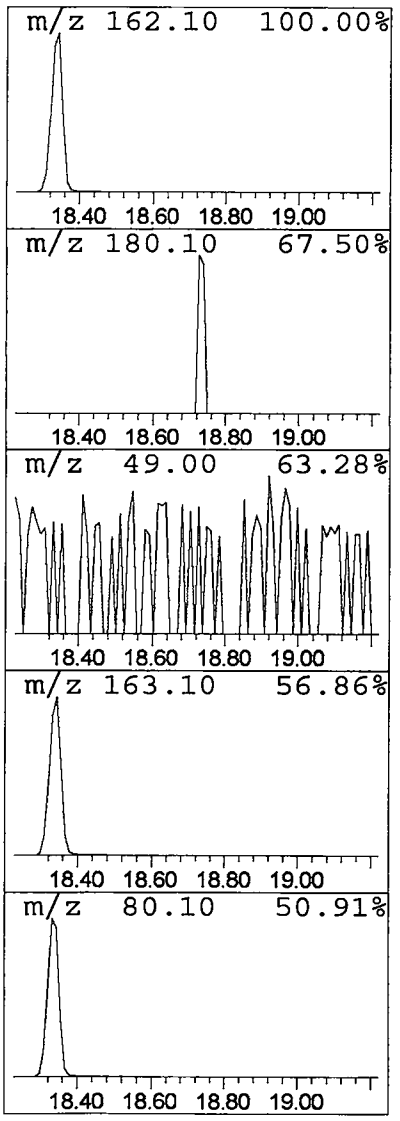
****

Peak Number 10 1,3-Benzenedicarboxylic aci... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	0.04 ug/L	27663	Acenaphthene-d10	18.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenedicarboxylic acid, 5-...	180	C9H8O4	000499-49-0	5
2	7-Methyl-2,3,6,7-tetrahydrocyclo...	163	C10H13NO	000000-00-0	5
3	2-Formylthieno[3,2-b]pyridine $$...	163	C8H5NOS	094191-18-1	5
4	1,4-Benzenedicarboxylic acid, 2-...	180	C9H8O4	005156-01-4	5





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\0130B.D Vial: 1
Acq On : 26 Feb 2002 10:17 am Operator:
Sample : lab blank 1/30 Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

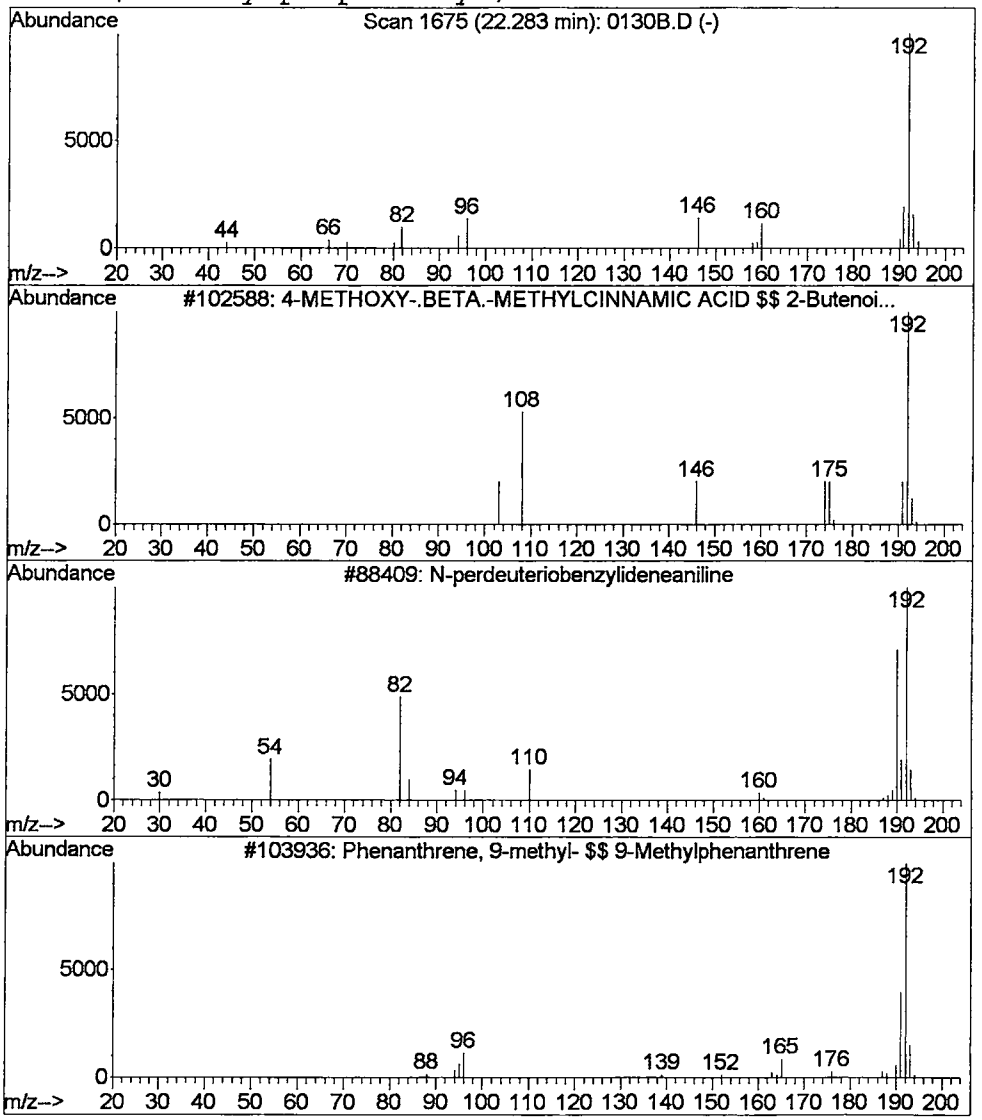
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

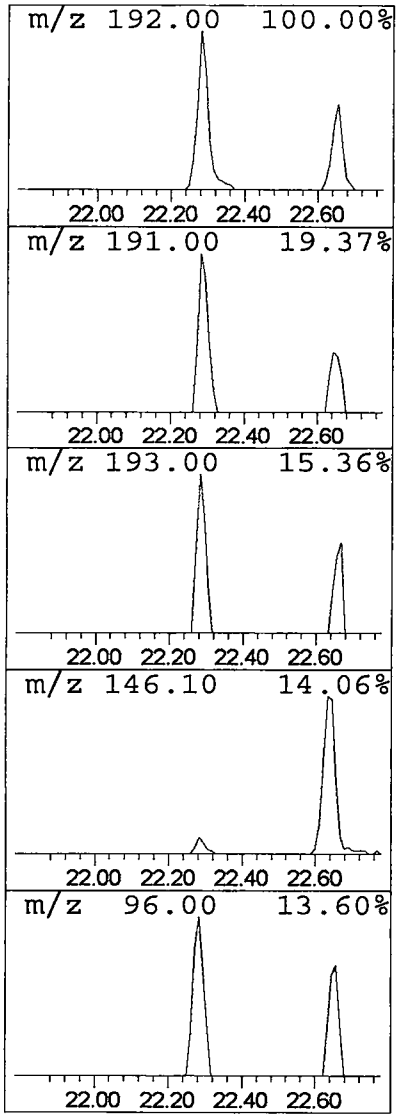
****

Peak Number 11 4-METHOXY-.BETA.-METHYLCINN... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.12 ug/L	96764	Phenanthrene-d10	22.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-METHOXY-.BETA.-METHYLCINNAMIC ...	192	C11H12O3	019169-94-9	72
2	N-perdeuteriobenzylideneaniline	192	C13D11N	000538-51-2	64
3	Phenanthrene, 9-methyl- $$ 9-Met...	192	C15H12	000883-20-5	50
4	N-(2-methylprop-2-enyl)-2-nitrob...	192	C10H12N2O2	000000-00-0	46





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\0130B.D Vial: 1
Acq On : 26 Feb 2002 10:17 am Operator:
Sample : lab blank 1/30 Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

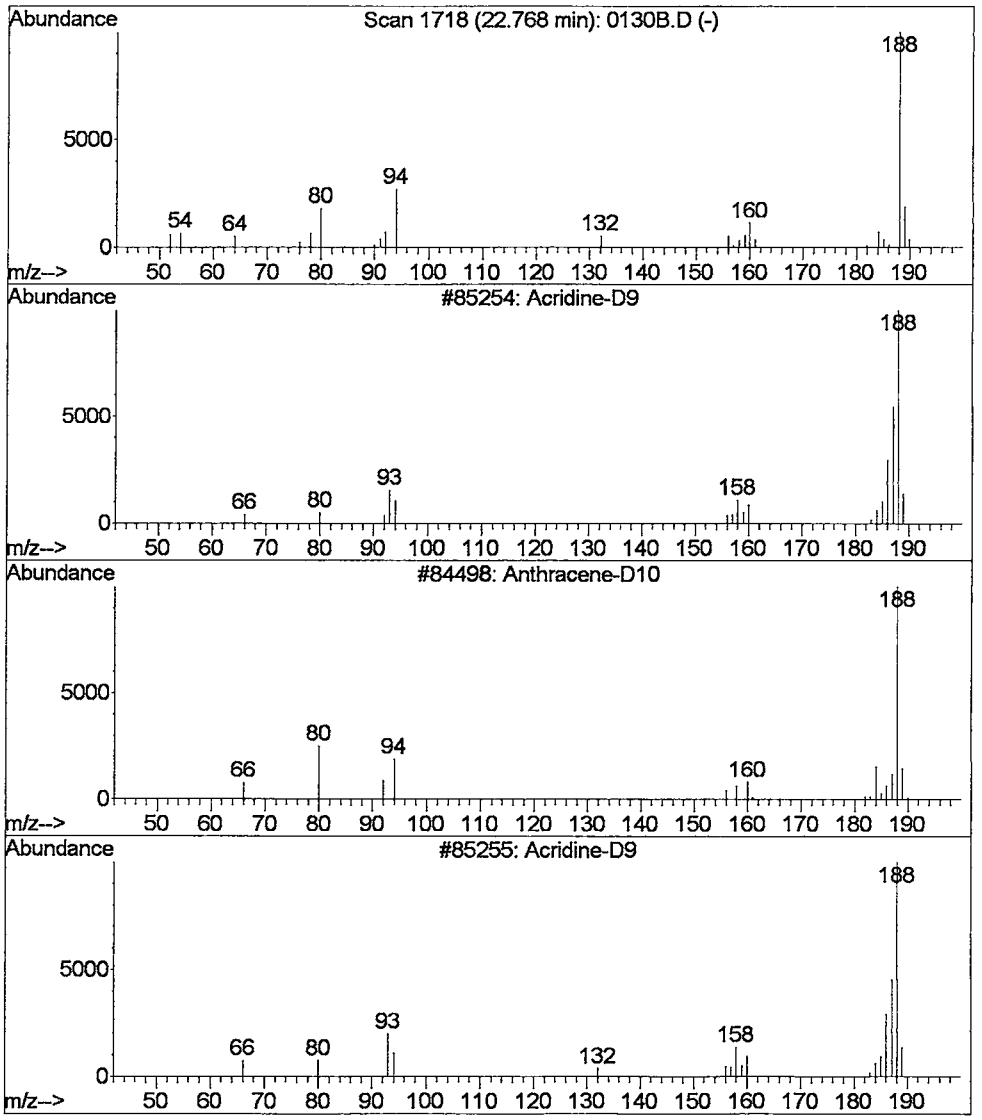
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

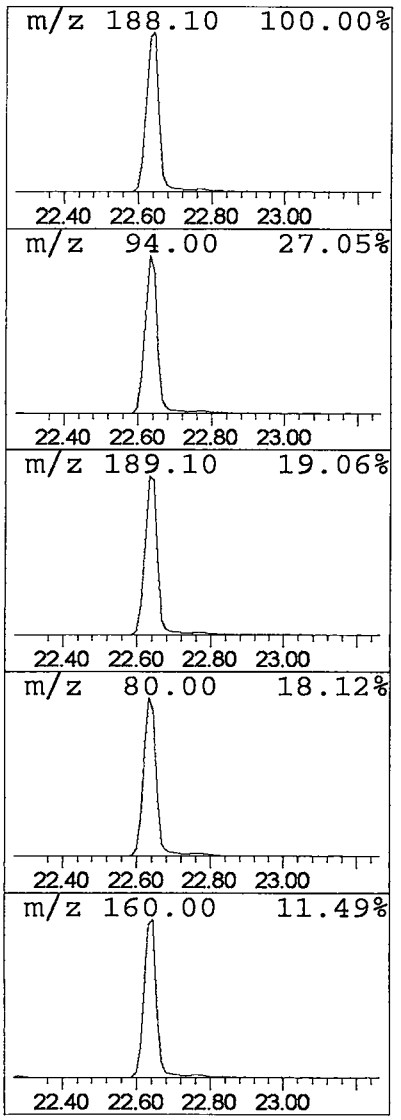
****

Peak Number 12 Acridine-D9 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.60 ug/L	494803	Phenanthrene-d10	22.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine-D9	188	C13D9N	000000-00-0	72
2	Anthracene-D10	188	C14D10	000000-00-0	72
3	Acridine-D9	188	C13D9N	000000-00-0	72
4	Phenanthrene-d10	188	C14D10	001517-22-2	72





Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 26 Feb 2002 10:17 am
Data File: C:\MSDCHEM\1\5973N\02FEB26\0130B.D
Name: lab blank 1/30
Misc: February 26, 2002
Method: C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
Title: 508 scan method
Library Searched: C:\DATABASE\WILEY7N.L

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--- #	RT	Resp	Conc
Butanoic acid, me...	3.62	0.1	ug/L	66400	1	9.72	10045500	20.0
Propane, 1,1-dime...	3.94	0.1	ug/L	34513	1	9.72	10045500	20.0
2-Furanmethanol (...	4.31	0.0	ug/L	12569	1	9.72	10045500	20.0
Butanoic acid, 2-...	4.65	0.0	ug/L	13791	1	9.72	10045500	20.0
Acetic acid, 3-[1...	5.95	0.4	ug/L	192933	1	9.72	10045500	20.0
4,4-DI-TRIDEUTERO...	9.91	0.0	ug/L	13183	1	9.72	10045500	20.0
Cyclopentasiloxan...	12.54	0.1	ug/L	45977	2	13.20	14586700	20.0
2-Methoxy-3-hydra...	13.38	0.1	ug/L	40925	2	13.20	14586700	20.0
Methylphloroglucinol	16.55	0.0	ug/L	19273	3	18.34	15636100	20.0
1,3-Benzenedicarb...	18.73	0.0	ug/L	27663	3	18.34	15636100	20.0
4-METHOXY-.BETA.-...	22.28	0.1	ug/L	96764	4	22.64	16398300	20.0
Acridine-D9	22.77	0.6	ug/L	494803	4	22.64	16398300	20.0

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/01/2002 Time: 14:33:55

Sample: AE02016
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/1/02 14:32 Ended: 3/1/02 14:32 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		77		5.0

Comments for Sample AE02016 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-01-2002 Time: 14:36:18

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 23 of the 43 compounds in the LCS Standard were above their acceptance ranges.

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB26\02016.D Vial: 4
Acq On : 26 Feb 2002 12:49 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 27 08:30:31 2002 Quant Results File: HP022102.RES

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Last Update : Mon Feb 25 10:47:59 2002
Response via : Initial Calibration
DataAcq Meth : HP020702

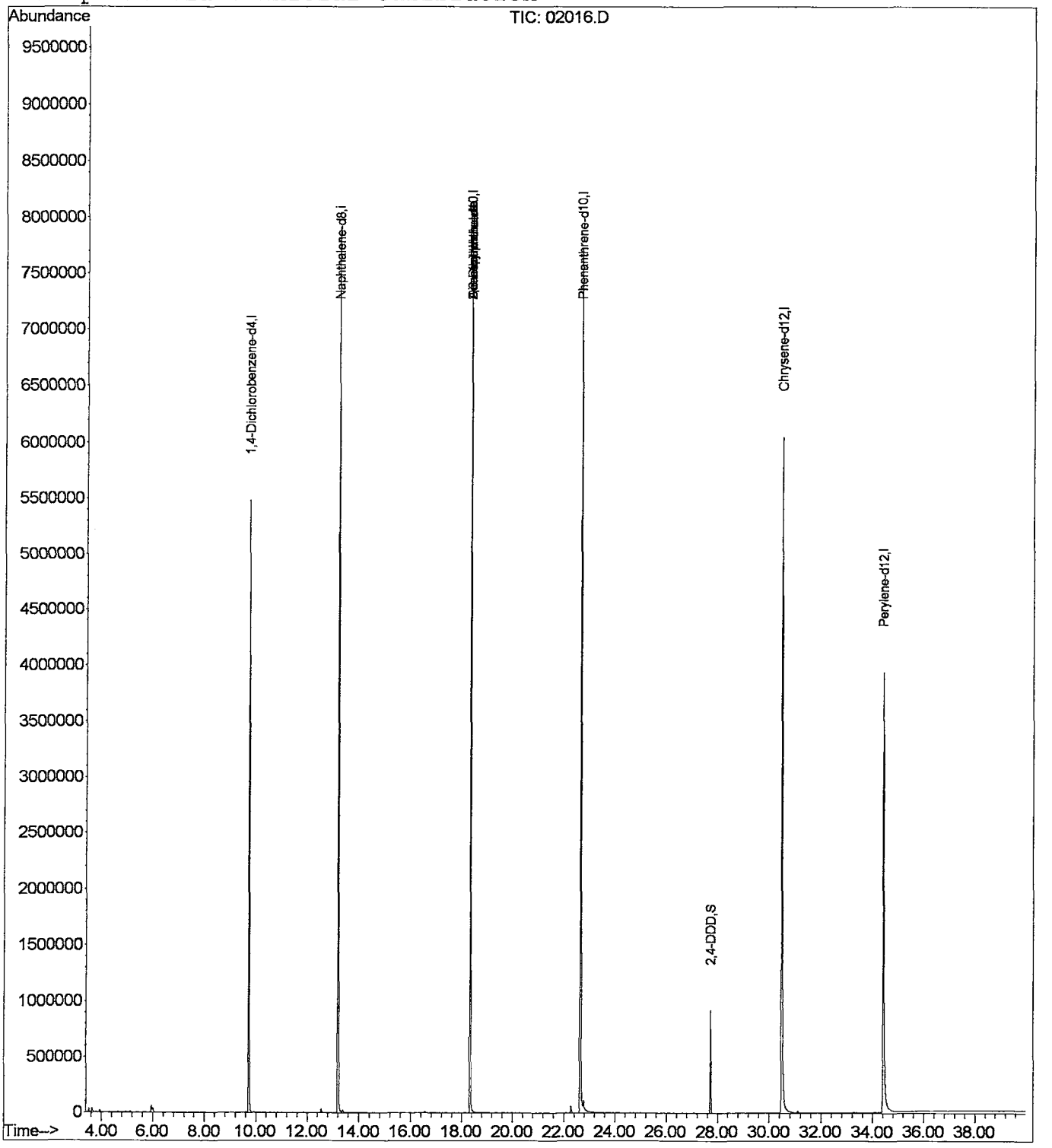
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.72	152	1865923	20.00	ug/L	0.00
10) Naphthalene-d8	13.20	136	8127508	20.00	ug/L	0.00
17) Acenaphthene-d10	18.34	164	4056391	20.00	ug/L	0.00
29) Phenanthrene-d10	22.64	188	6623507	20.00	ug/L	0.00
38) Chrysene-d12	30.49	240	5056979	20.00	ug/L	-0.03
44) Perylene-d12	34.41	264	3347889	20.00	ug/L	-0.04
System Monitoring Compounds						
37) 2,4-DDD	27.72	235	337869	3.83	ug/L	0.00
Spiked Amount 5.000			Recovery = 76.60%			
Target Compounds						Qvalue
20) Dimethylphthalate	18.34	163	655817	2.66	ug/L #	58
21) 2,6-Dinitrotoluene	18.34	165	512600	9.02	ug/L #	27

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB26\02016.D Vial: 4
Acq On : 26 Feb 2002 12:49 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 27 8:30 2002 Quant Results File: HP022102.R

Method : C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
Title : 508 scan method
Last Update : Mon Feb 25 10:47:59 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02016.D Vial: 4
Acq On : 26 Feb 2002 12:49 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
Title : 508 scan method
Smoothing : OFF Filtering: 5
Sampling : 2 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 20
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.509	9	12	19	rVB2	31666	50415	0.29%	0.057%
2	3.634	19	23	33	rVB	33010	74833	0.43%	0.084%
3	3.938	45	50	53	rVB	22682	36809	0.21%	0.041%
4	4.311	75	83	87	rBV4	6414	22825	0.13%	0.026%
5	4.966	135	141	143	rBV4	10439	30163	0.17%	0.034%
6	5.948	225	228	231	rBV	62136	141356	0.82%	0.159%
7	9.718	557	562	567	rBV	5479896	10423847	60.40%	11.725%
8	9.910	573	579	595	rVB	8322	44657	0.26%	0.050%
9	12.540	807	812	815	rVB	31690	53866	0.31%	0.061%
10	13.195	865	870	875	rBV	7912788	15394026	89.20%	17.315%
11	13.376	883	886	895	rVB2	22225	54056	0.31%	0.061%
12	16.548	1163	1167	1171	rBV	14728	23549	0.14%	0.026%
13	18.343	1321	1326	1331	rBV	8067404	16545504	95.87%	18.610%
14	22.283	1671	1675	1681	rVV2	58451	111826	0.65%	0.126%
15	22.644	1701	1707	1711	rBV2	7713414	17258839	100.00%	19.413%
16	22.768	1715	1718	1745	rVB	105584	449007	2.60%	0.505%
17	27.724	2153	2157	2163	rVB	918665	1616805	9.37%	1.819%
18	30.490	2397	2402	2441	rBV2	6043489	15066577	87.30%	16.947%
19	31.099	2451	2456	2461	rBV2	19129	44782	0.26%	0.050%
20	34.418	2743	2750	2783	rBV	3930187	11461861	66.41%	12.892%

Sum of corrected areas: 88905603

LSC Report - Integrated Chromatogram

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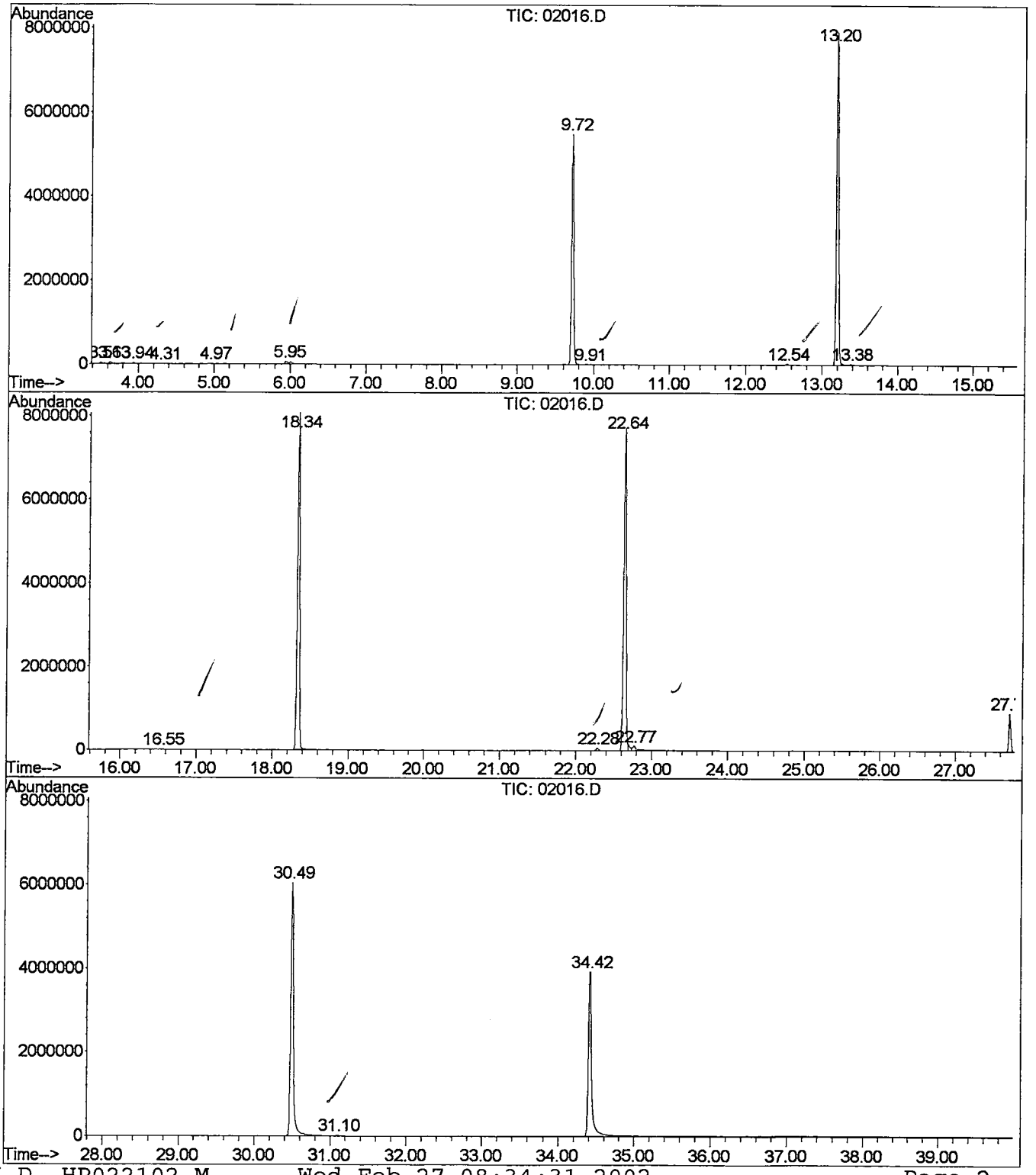
Operator :
Acquired : 26 Feb 2002 12:49 pm using AcqMethod HP020702
Instrument : Instrumen
Sample Name: 508 scan
Misc Info : February 26, 2002
Vial Number: 4
Quant File :HP022102.RES (RTE Integrator)



Library Search Compound Report

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Acq On : 26 Feb 2002 12:49 pm Operator:
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Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

****

Peak Number 1 Acetonitrile, dichloro- $$ ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.51	0.10 ug/L	50415	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro- $$ Dichl...	109	C2HCl2N	003018-12-0	74
2	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	74
3	Dichloroacetonitrile $$ Acetonit...	109	C2HCl2N	003018-12-0	37
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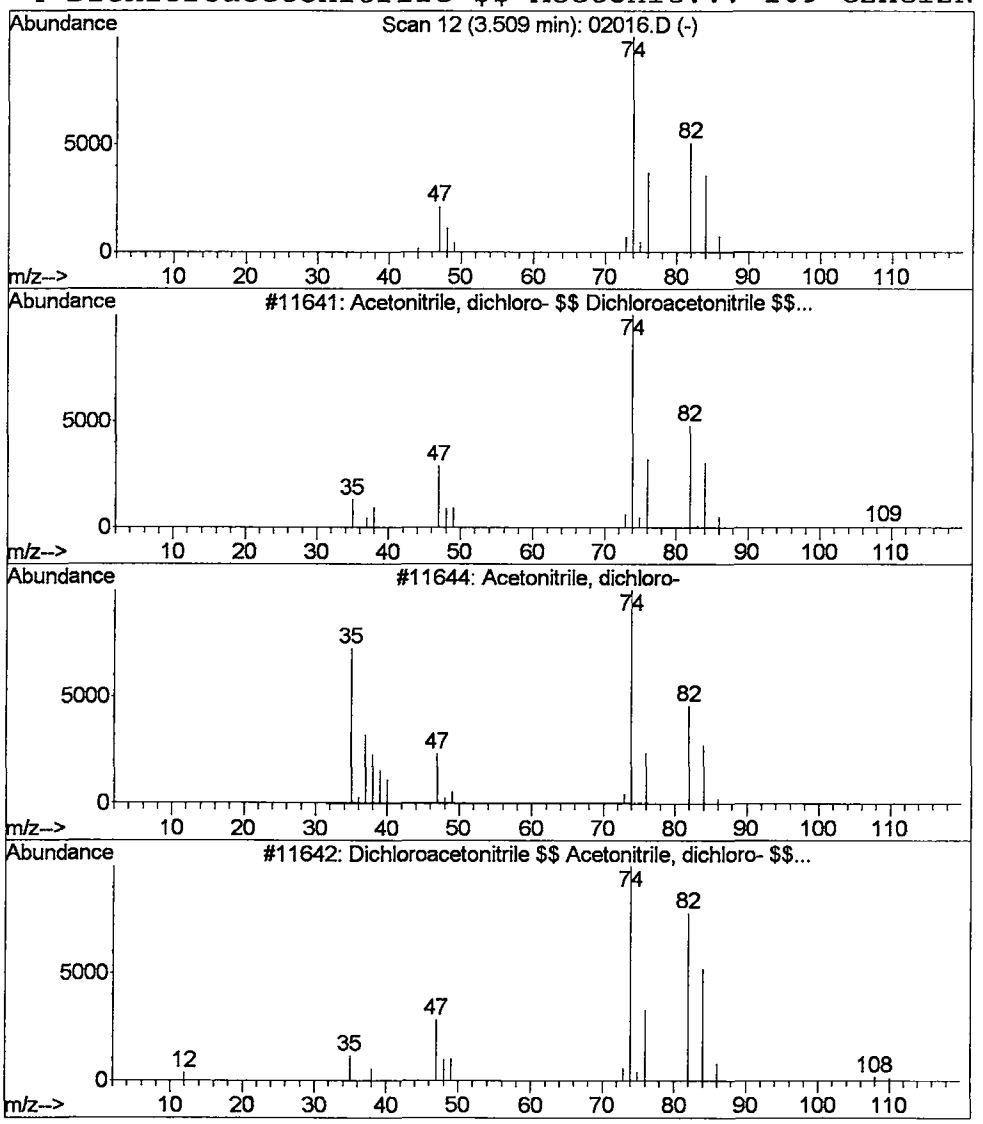

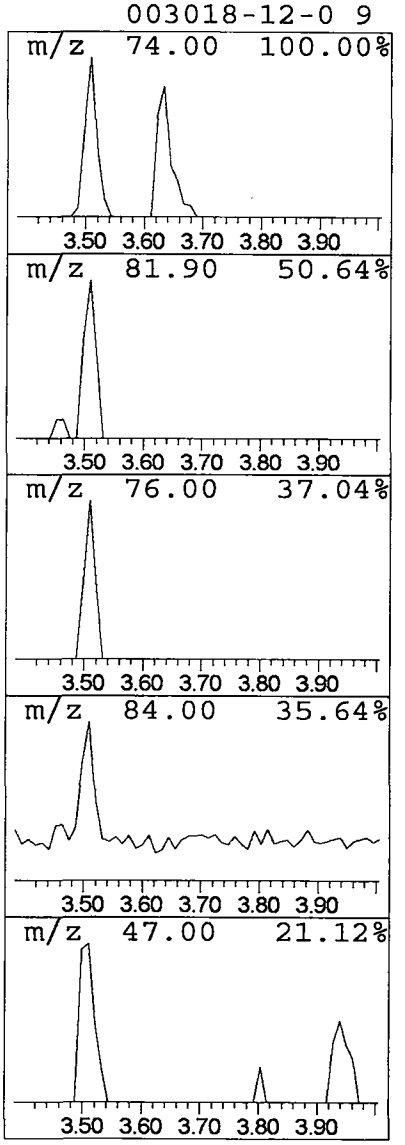

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MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

****

Peak Number 2 Butanoic acid, methyl ester... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.63	0.14 ug/L	74833	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
2	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
3	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
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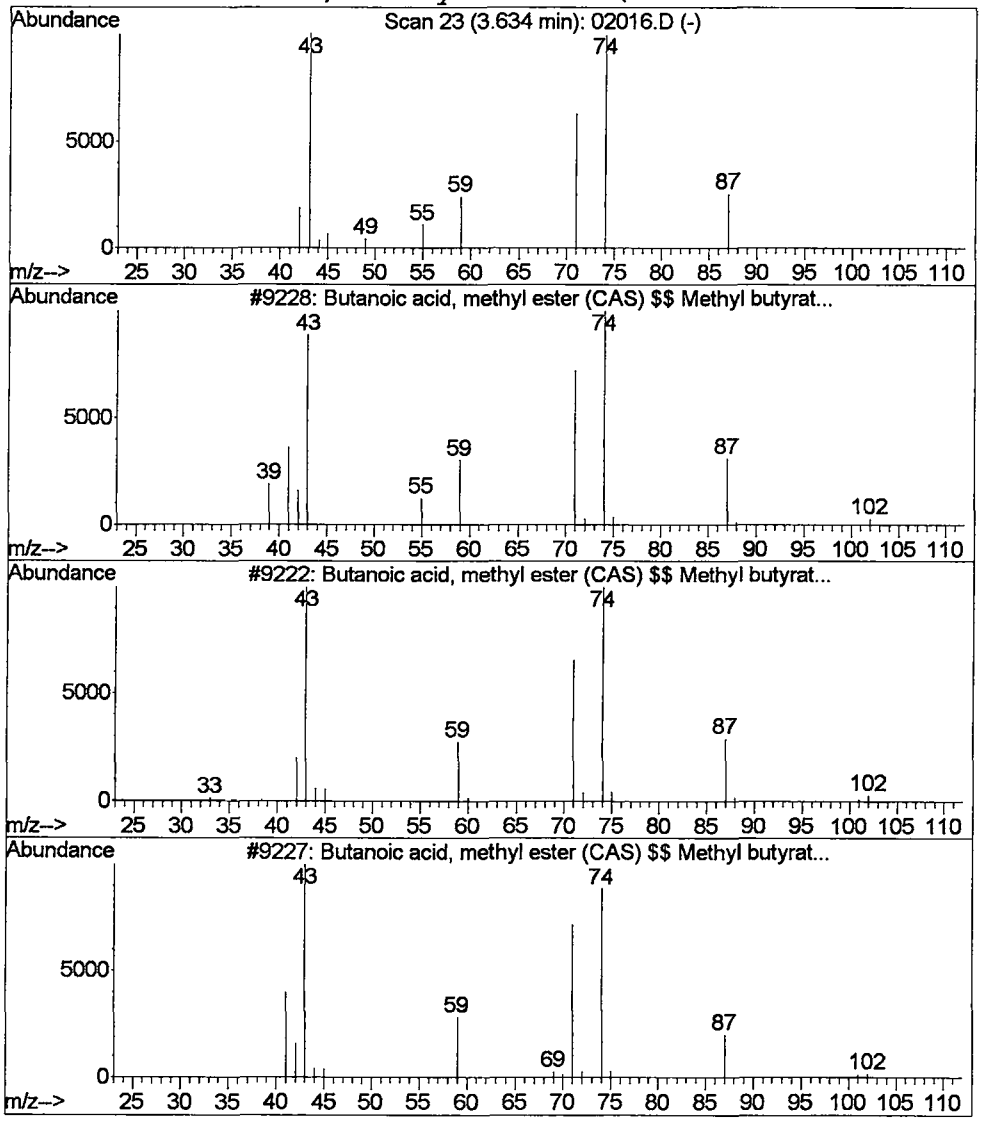

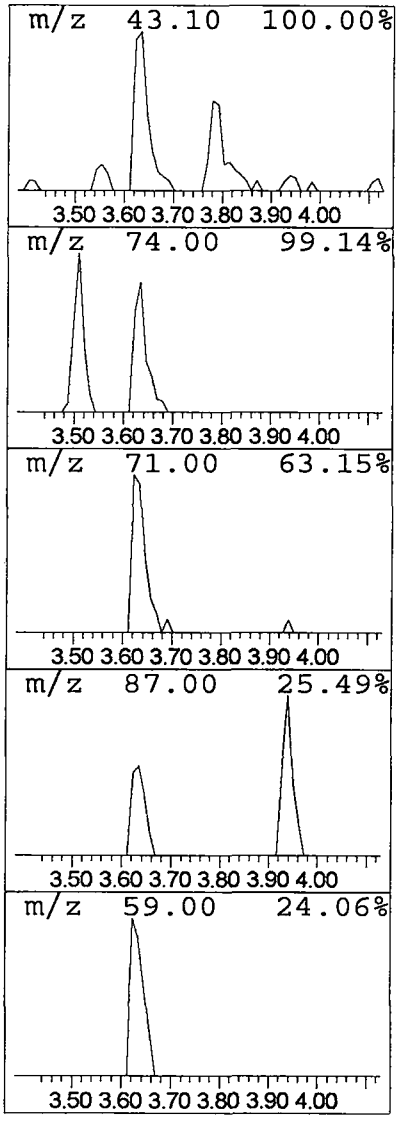

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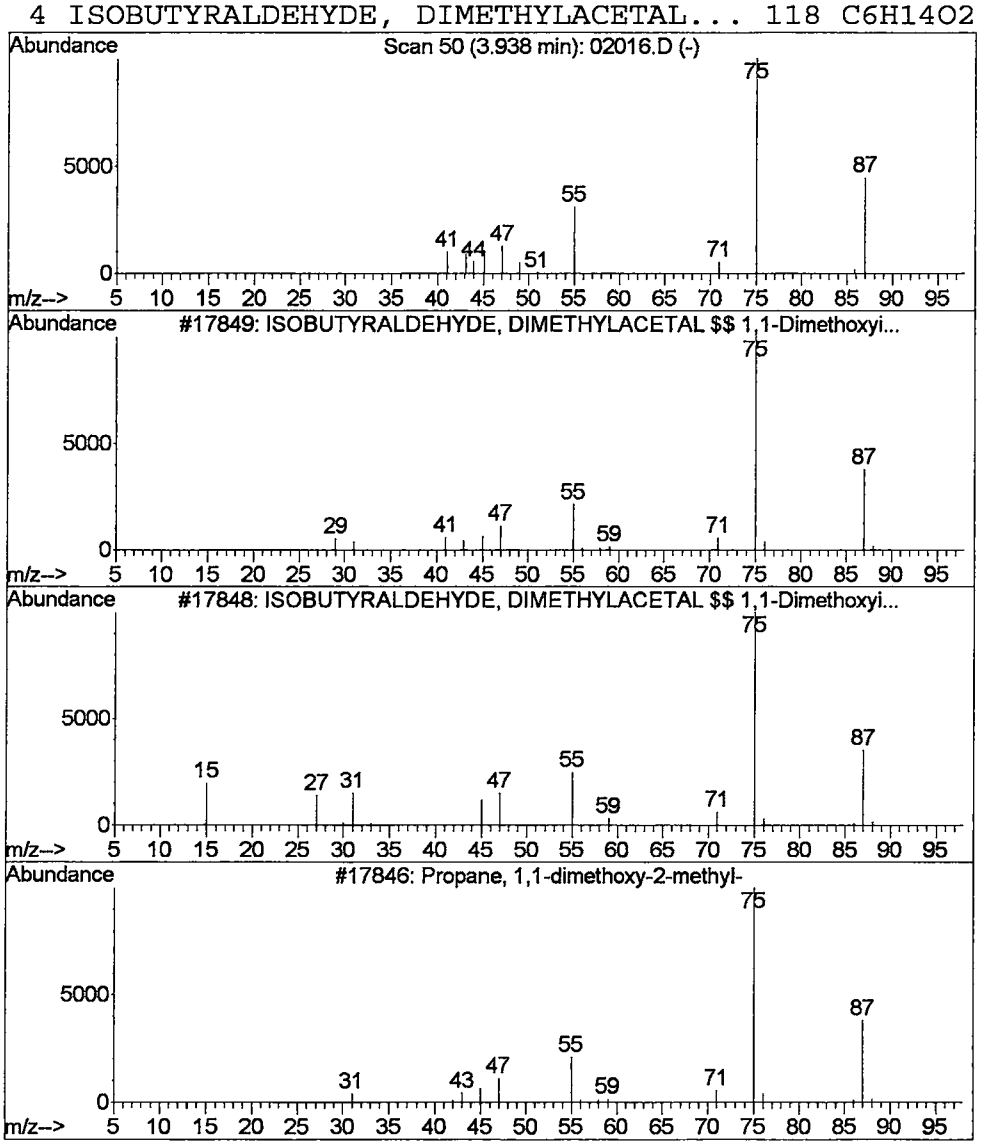
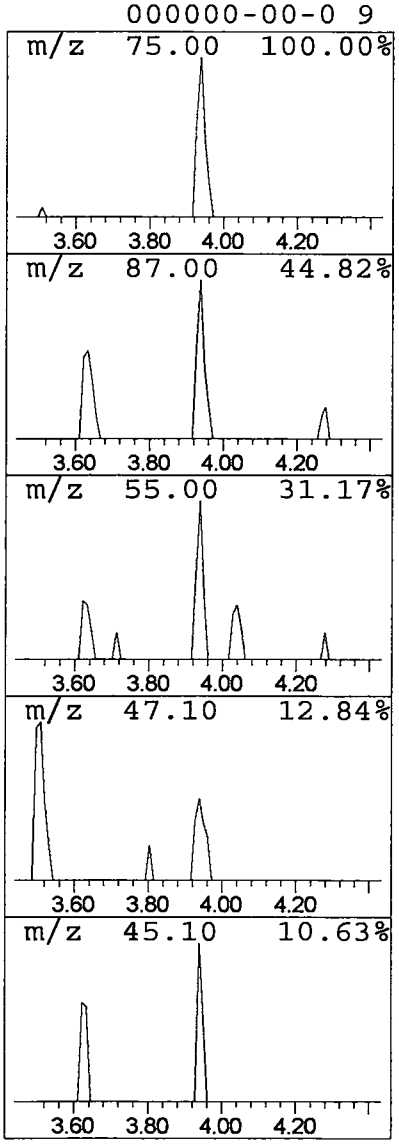
Peak Number 3 ISOBUTYRALDEHYDE, DIMETHYLA... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.94	0.07 ug/L	36809	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	83
2	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	74
3	Propane, 1,1-dimethoxy-2-methyl-	118	C6H14O2	041632-89-7	74
4	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	9





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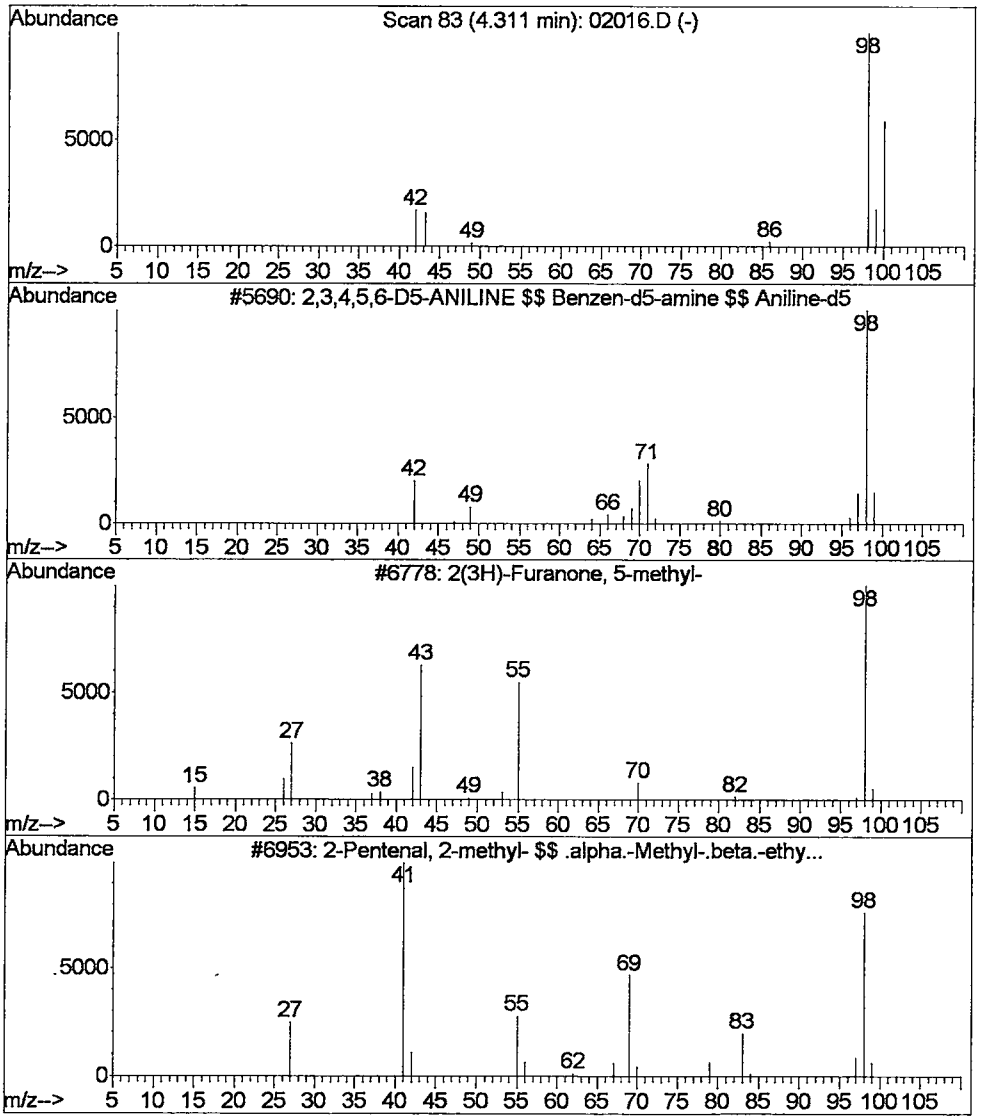
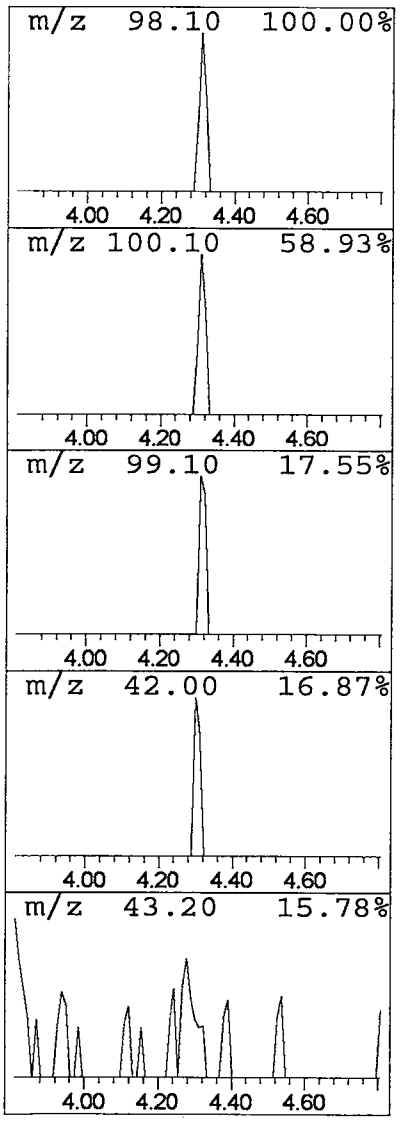
Peak Number 4 2,3,4,5,6-D5-ANILINE $$ Ben... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.31	0.04 ug/L	22825	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,5,6-D5-ANILINE $$ Benzen-d...	98	C6H2D5N	004165-61-1	9
2	2(3H)-Furanone, 5-methyl-	98	C5H6O2	000591-12-8	7
3	2-Pentenal, 2-methyl- $$ .alpha....	98	C6H10O	000623-36-9	7
4	2 METHYL 2 PENTENAL	98	C6H10O	000623-36-9	7





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Library : C:\DATABASE\WILEY7N.L

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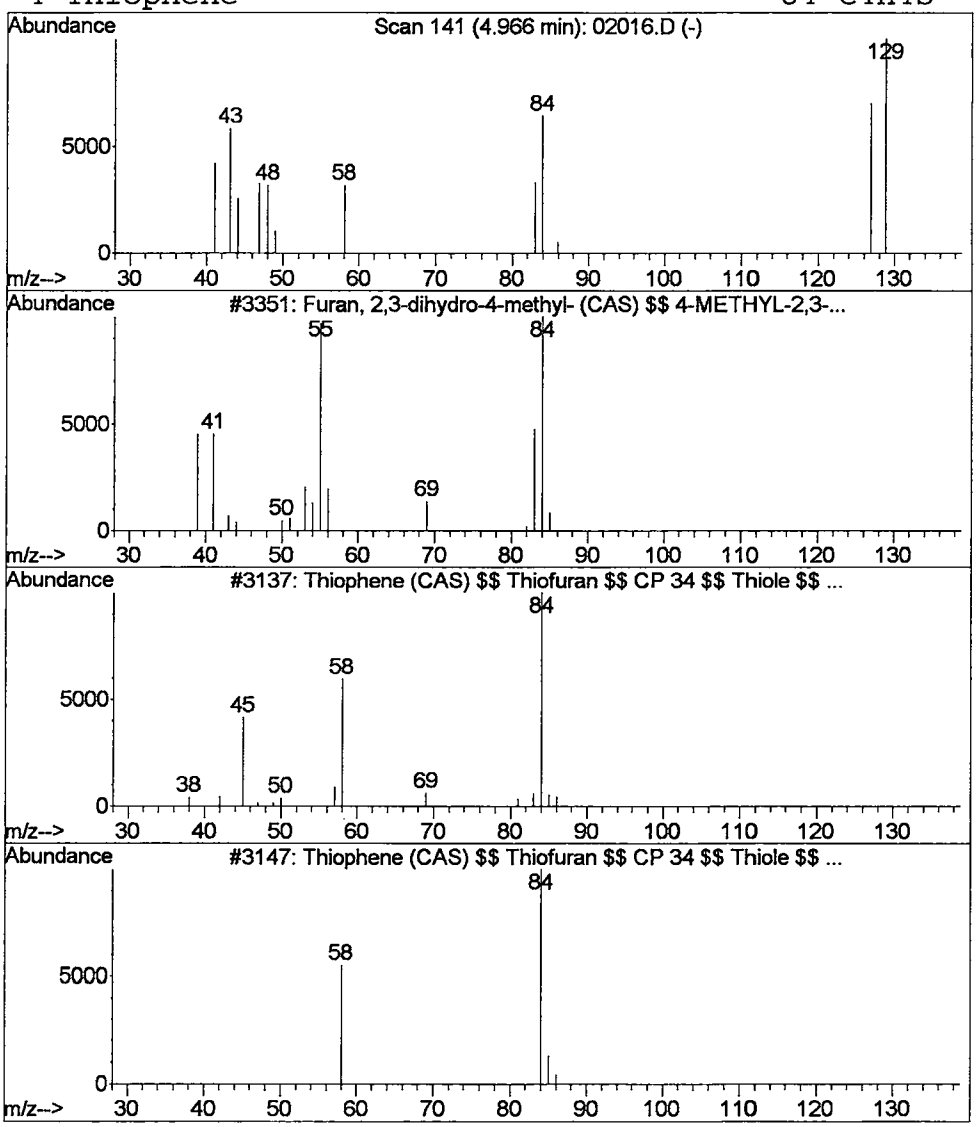
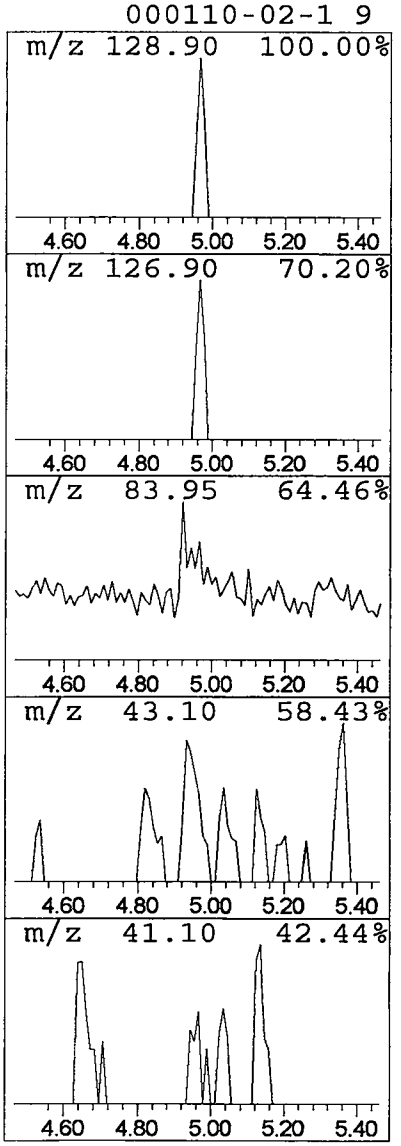
Peak Number 5 Furan, 2,3-dihydro-4-methyl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	0.06 ug/L	30163	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2,3-dihydro-4-methyl- (CA...	84	C5H8O	034314-83-5	9
2	Thiophene (CAS) $$ Thiofuran $$ ...	84	C4H4S	000110-02-1	9
3	Thiophene (CAS) $$ Thiofuran $$ ...	84	C4H4S	000110-02-1	9
4	Thiophene	84	C4H4S	000110-02-1	9





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Library : C:\DATABASE\WILEY7N.L

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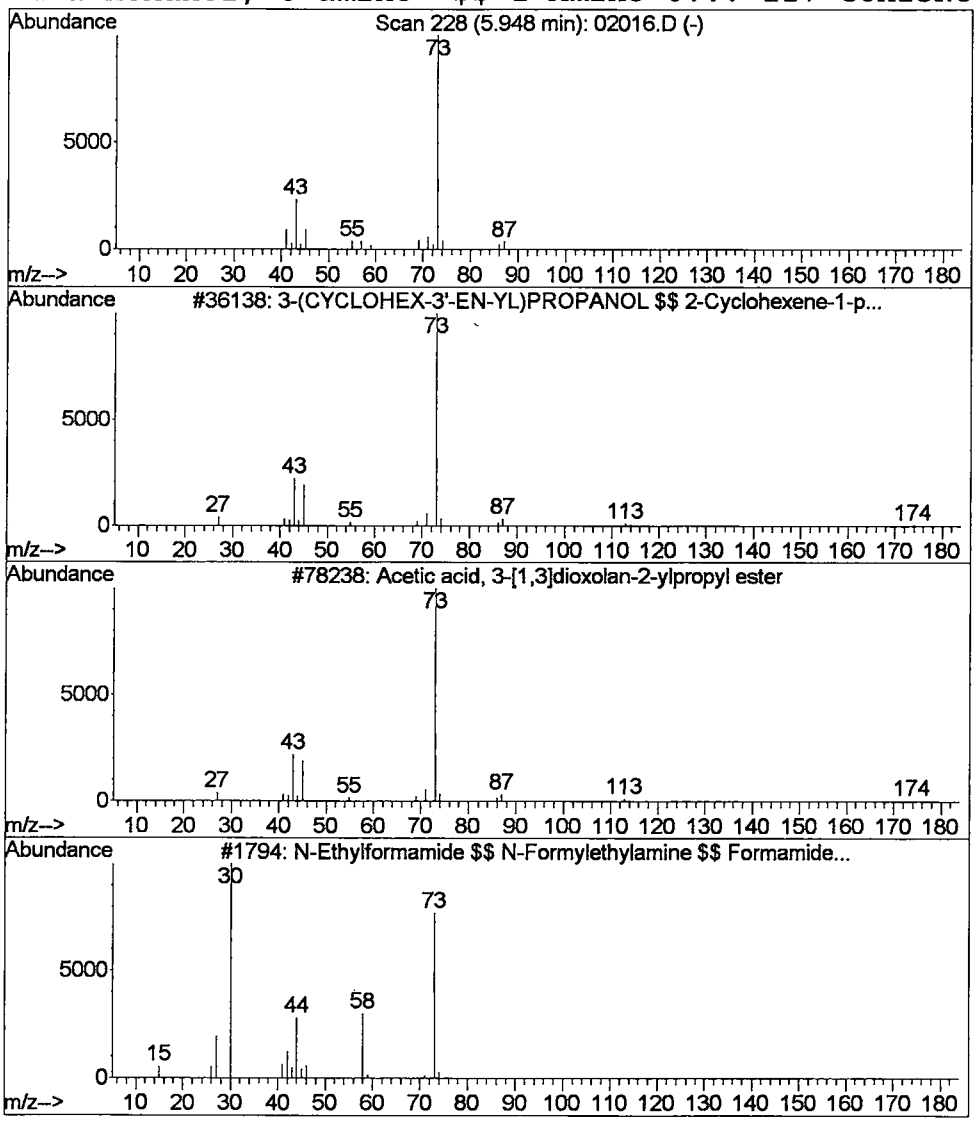
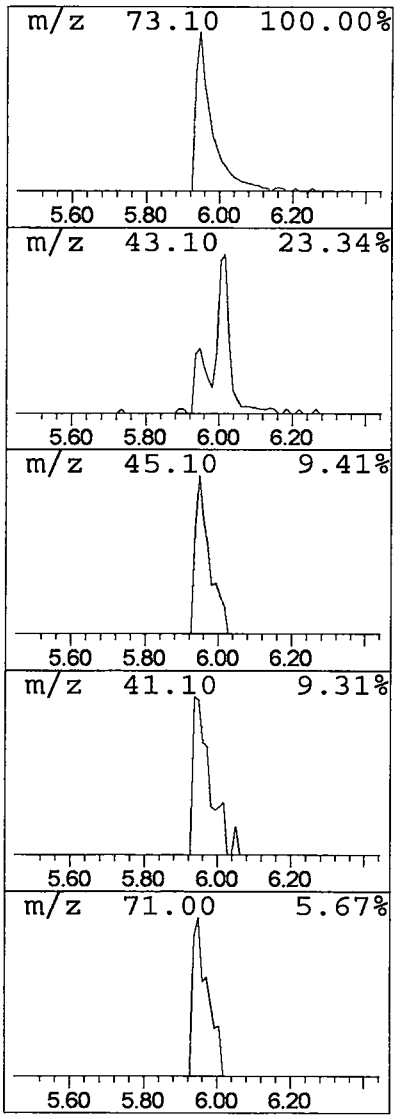
Peak Number 6 3-(CYCLOHEX-3'-EN-YL)PROPAN... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	0.27 ug/L	141356	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	40
2	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	40
3	N-Ethylformamide $$ N-Formylethy...	73	C3H7NO	000627-45-2	9
4	1-Hexanol, 6-amino- $$ 1-Amino-6...	117	C6H15NO	004048-33-3	9





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MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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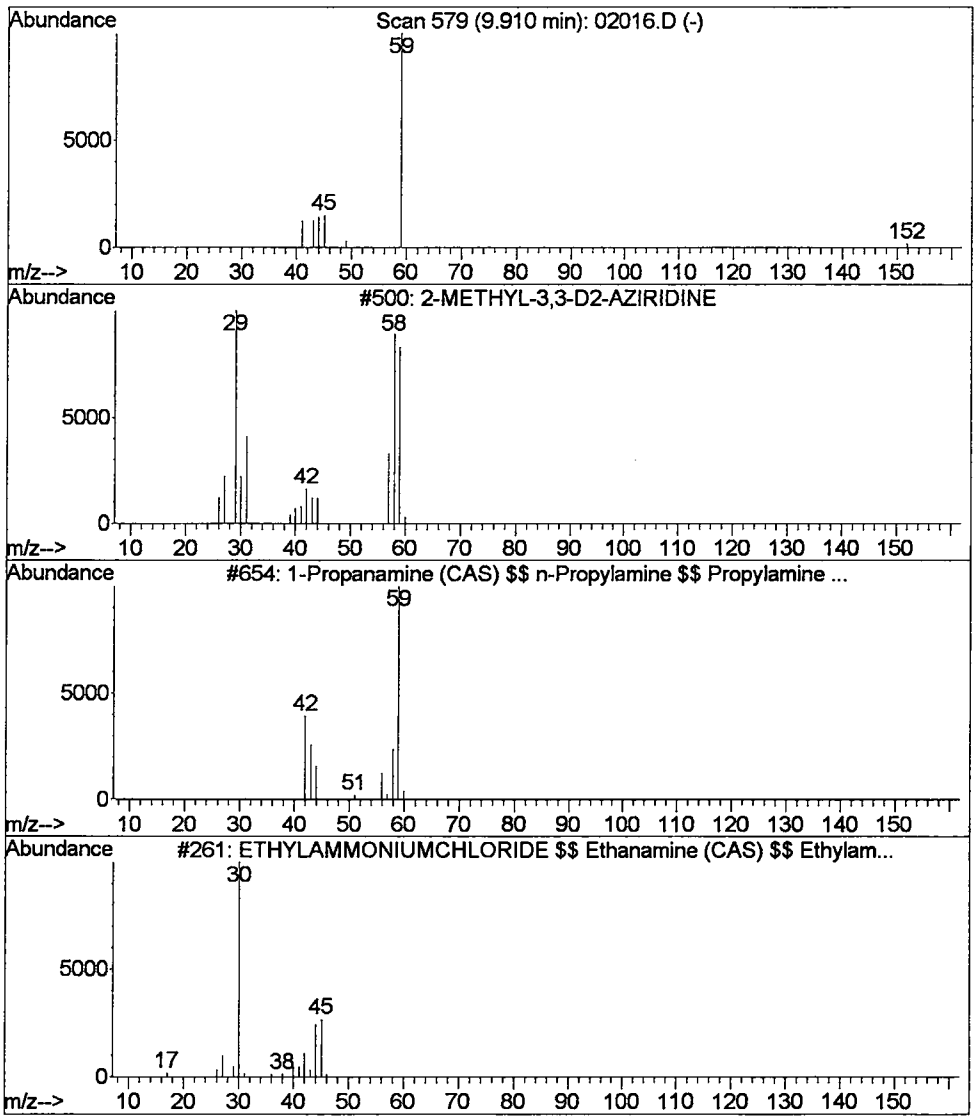
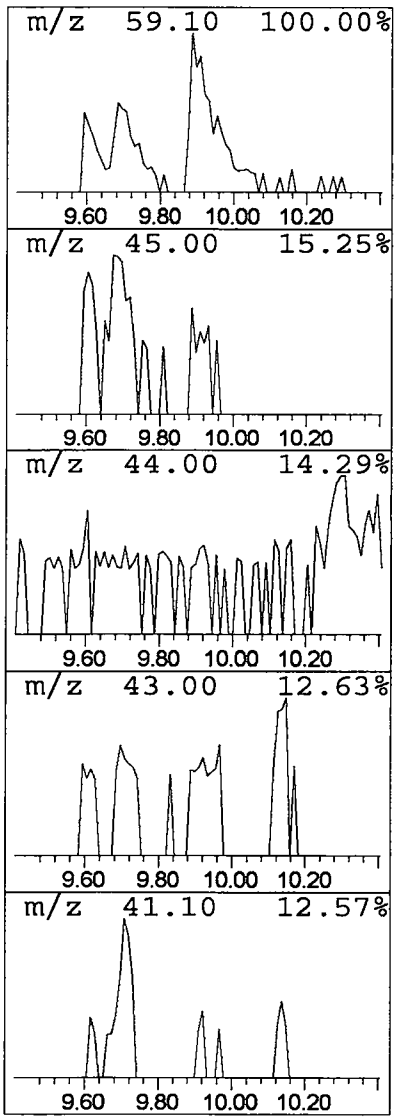
Peak Number 7 2-METHYL-3,3-D2-AZIRIDINE Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	0.09 ug/L	44657	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-METHYL-3,3-D2-AZIRIDINE	59	C3H5D2N	030691-55-5	9
2	1-Propanamine (CAS) $$ n-Propyla...	59	C3H9N	000107-10-8	4
3	ETHYLAMMONIUMCHLORIDE $$ Ethanam...	45	C2H7N	000075-04-7	4
4	PROPANE-2-13C	45	C3H8	017251-62-6	4





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Library : C:\DATABASE\WILEY7N.L

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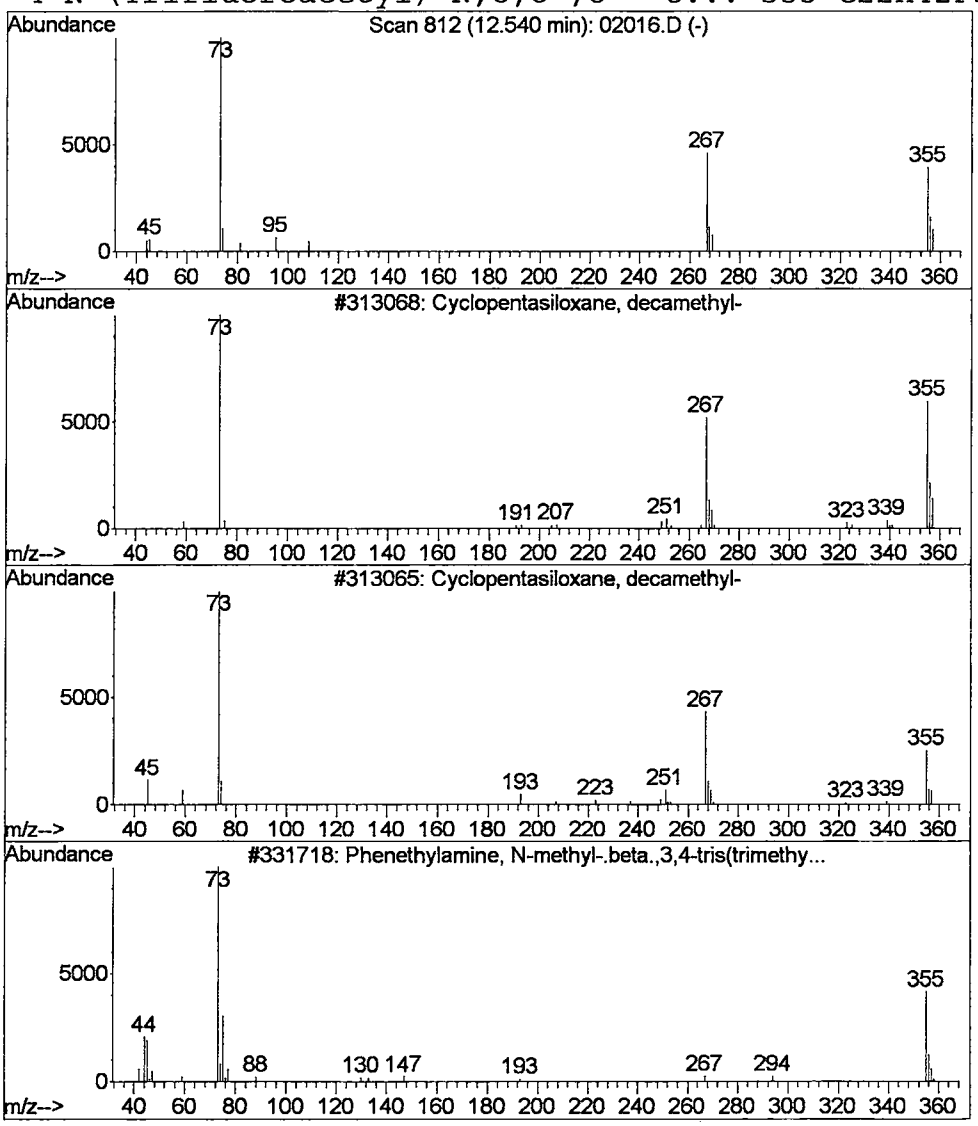
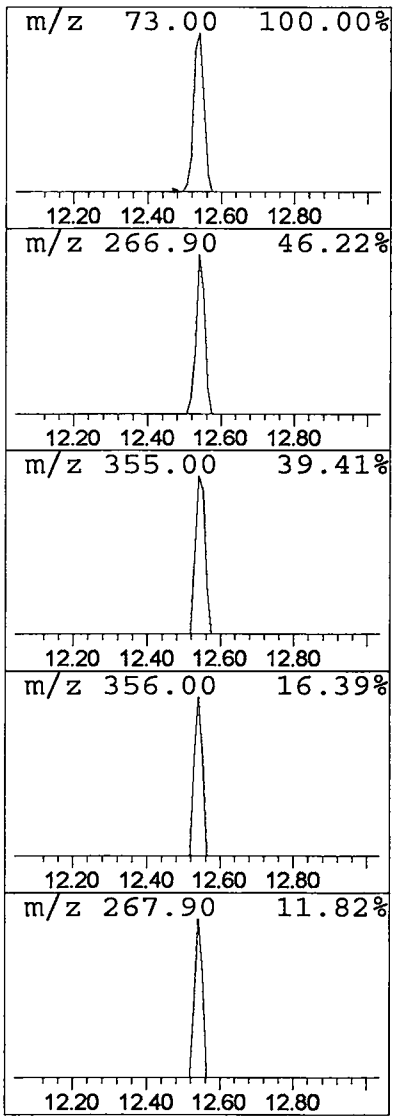
Peak Number 8 Cyclopentasiloxane, decamet... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	0.07 ug/L	53866	Naphthalene-d8	13.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	64
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	45
3	Phenethylamine, N-methyl-.beta.,...	399	C18H37NO3Si3	010538-85-9	43
4	N-(Trifluoroacetyl)-N,O,O',O''-t...	553	C22H42F3NO4Si4	000000-00-0	32





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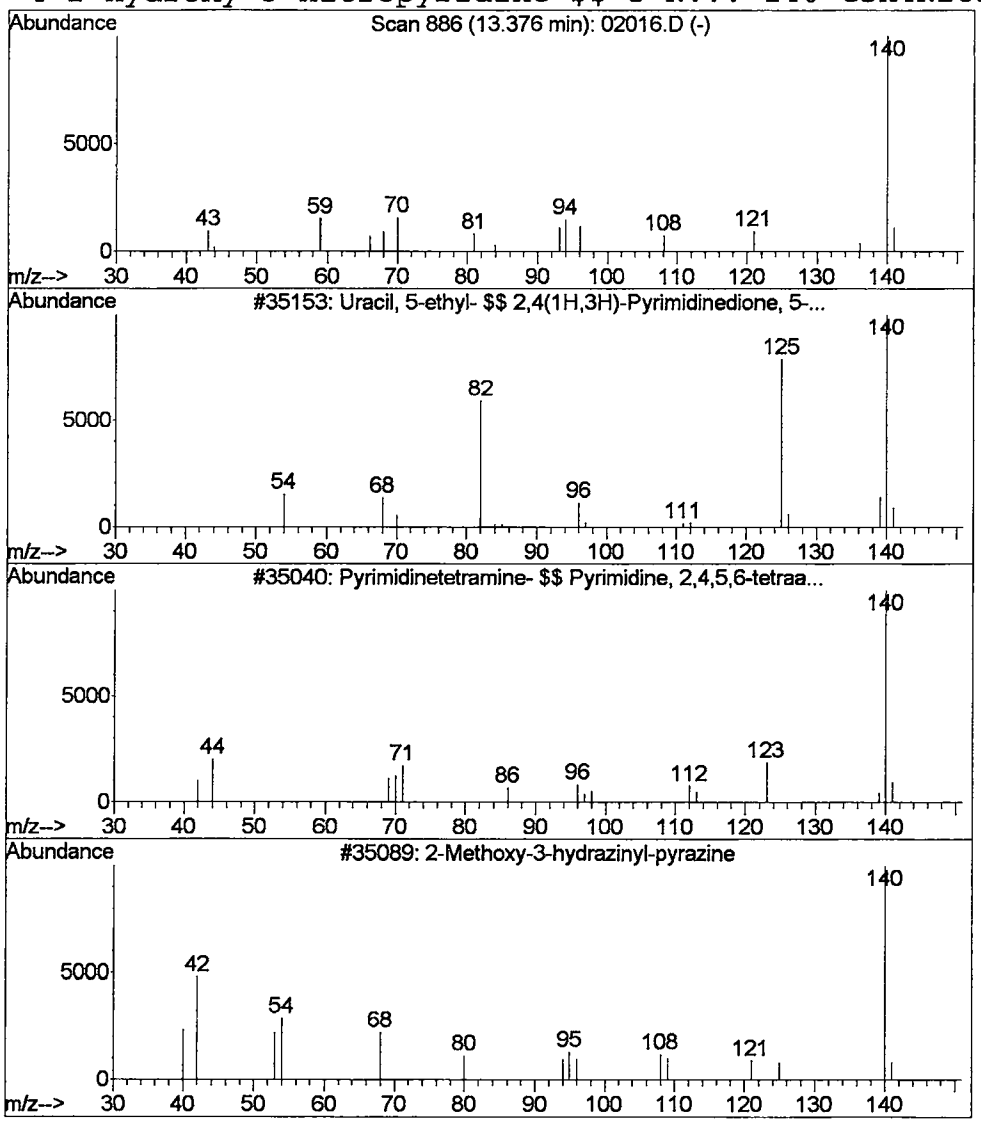
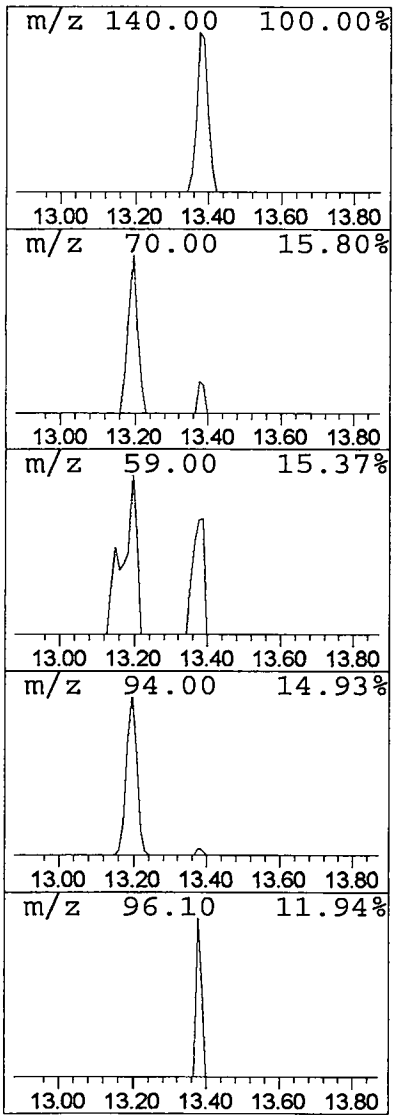
Peak Number 9 Uracil, 5-ethyl- $$ 2,4(1H,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	0.07 ug/L	54056	Naphthalene-d8	13.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Uracil, 5-ethyl- $$ 2,4(1H,3H)-P...	140	C6H8N2O2	004212-49-1	40
2	Pyrimidinetetramine- $$ Pyrimidi...	140	C4H8N6	001004-74-6	40
3	2-Methoxy-3-hydrazinyl-pyrazine	140	C5H8N4O	000000-00-0	38
4	2-Hydroxy-5-nitropyridine $$ 5-N...	140	C5H4N2O3	005418-51-9	33





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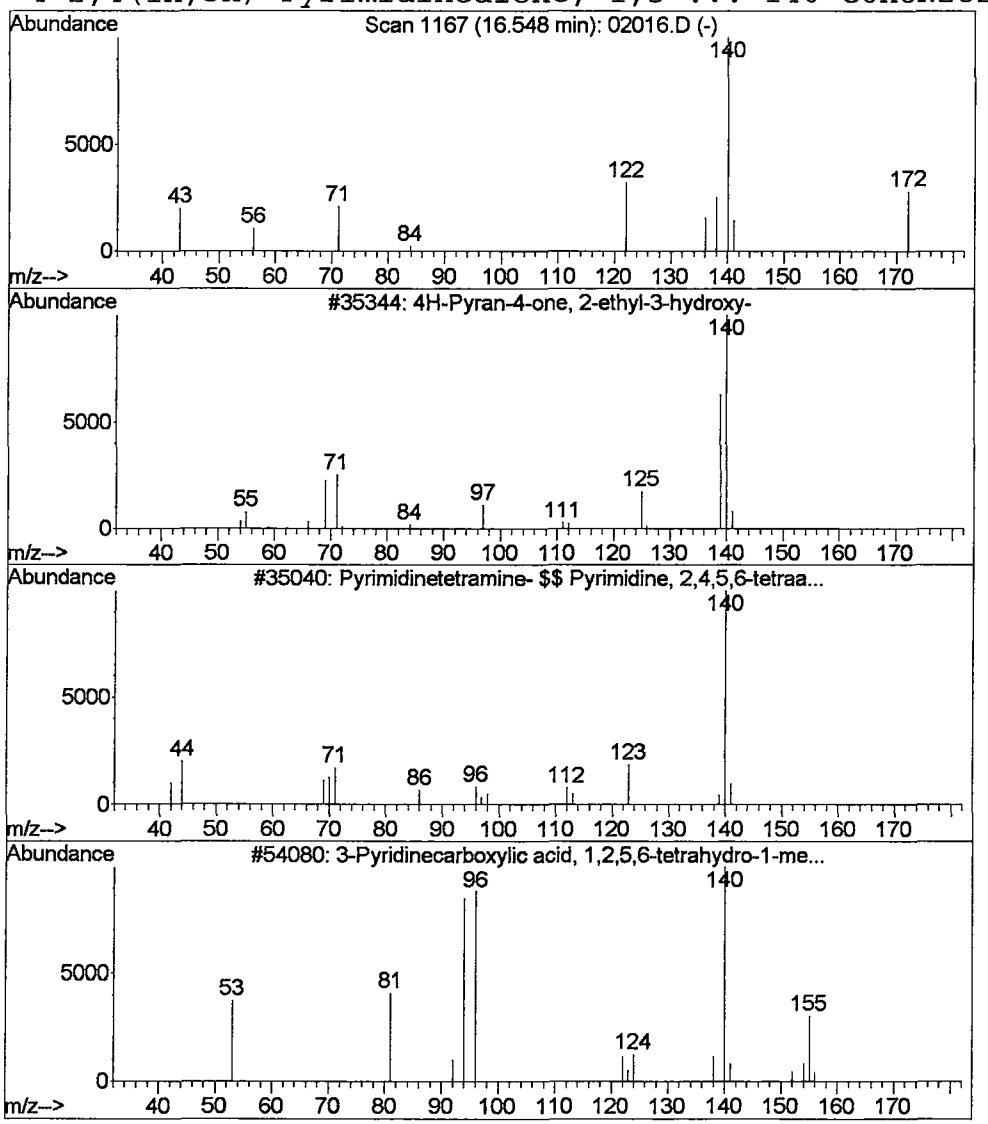
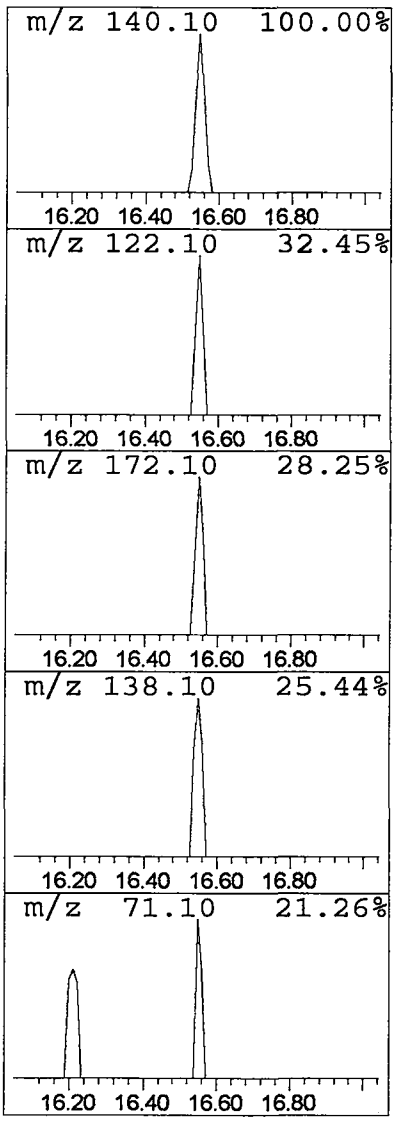
Peak Number 10 4H-Pyran-4-one, 2-ethyl-3-h... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	0.03 ug/L	23549	Acenaphthene-d10	18.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Pyran-4-one, 2-ethyl-3-hydroxy-	140	C7H8O3	004940-11-8	9
2	Pyrimidinetetramine- $$ Pyrimidi...	140	C4H8N6	001004-74-6	9
3	3-Pyridinecarboxylic acid, 1,2,5...	155	C8H13NO2	000063-75-2	9
4	2,4(1H,3H)-Pyrimidinedione, 1,3-...	140	C6H8N2O2	000874-14-6	7





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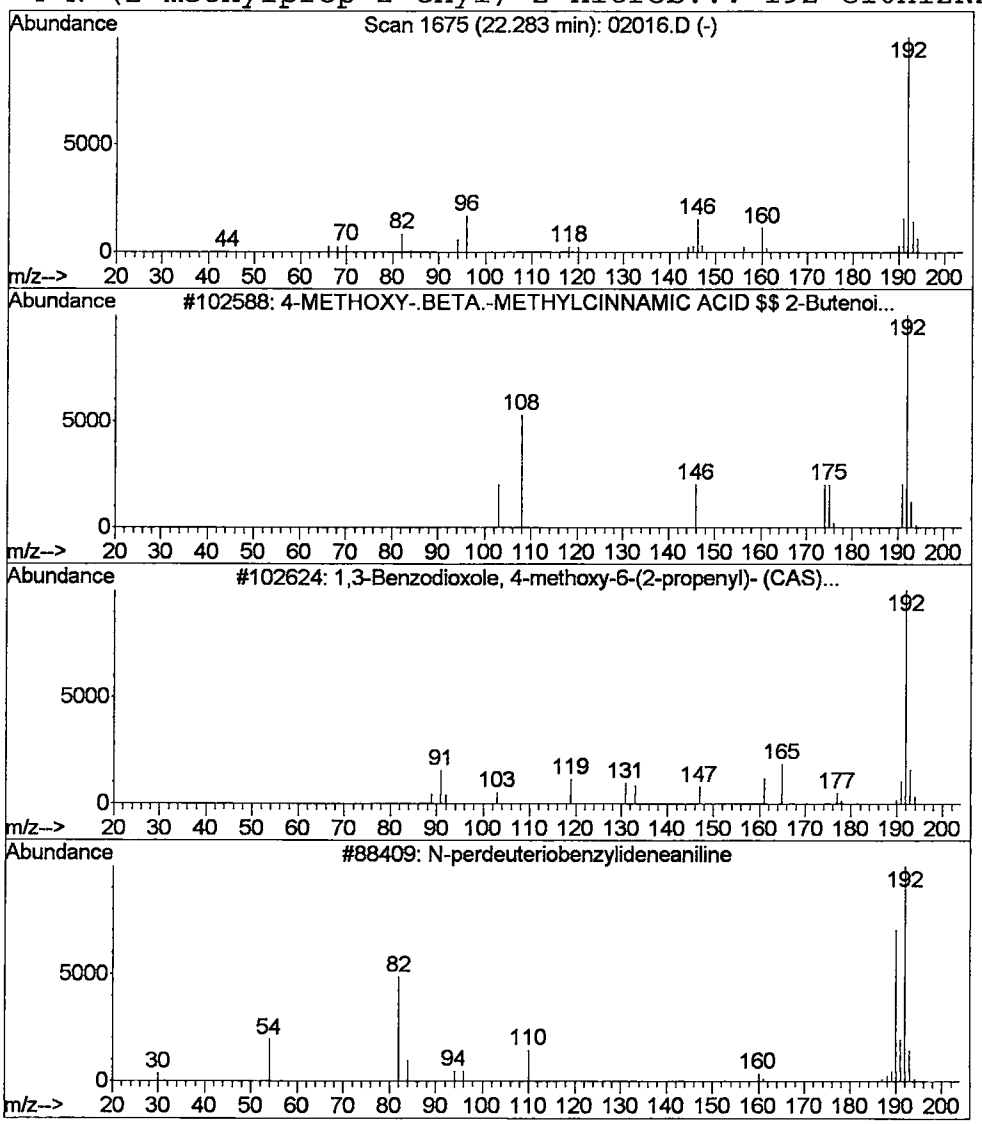
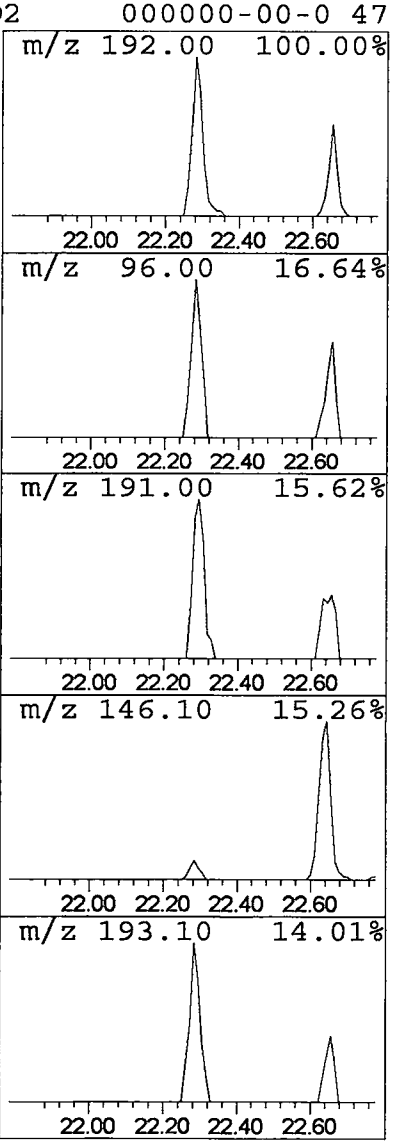
Peak Number 11 4-METHOXY-.BETA.-METHYLCINN... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.13 ug/L	111826	Phenanthrene-d10	22.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-METHOXY-.BETA.-METHYLCINNAMIC ...	192	C11H12O3	019169-94-9	72
2	1,3-Benzodioxole, 4-methoxy-6-(2...	192	C11H12O3	000607-91-0	59
3	N-perdeuteriobenzylideneaniline	192	C13D11N	000538-51-2	59
4	N-(2-methylprop-2-enyl)-2-nitrob...	192	C10H12N2O2	000000-00-0	47





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Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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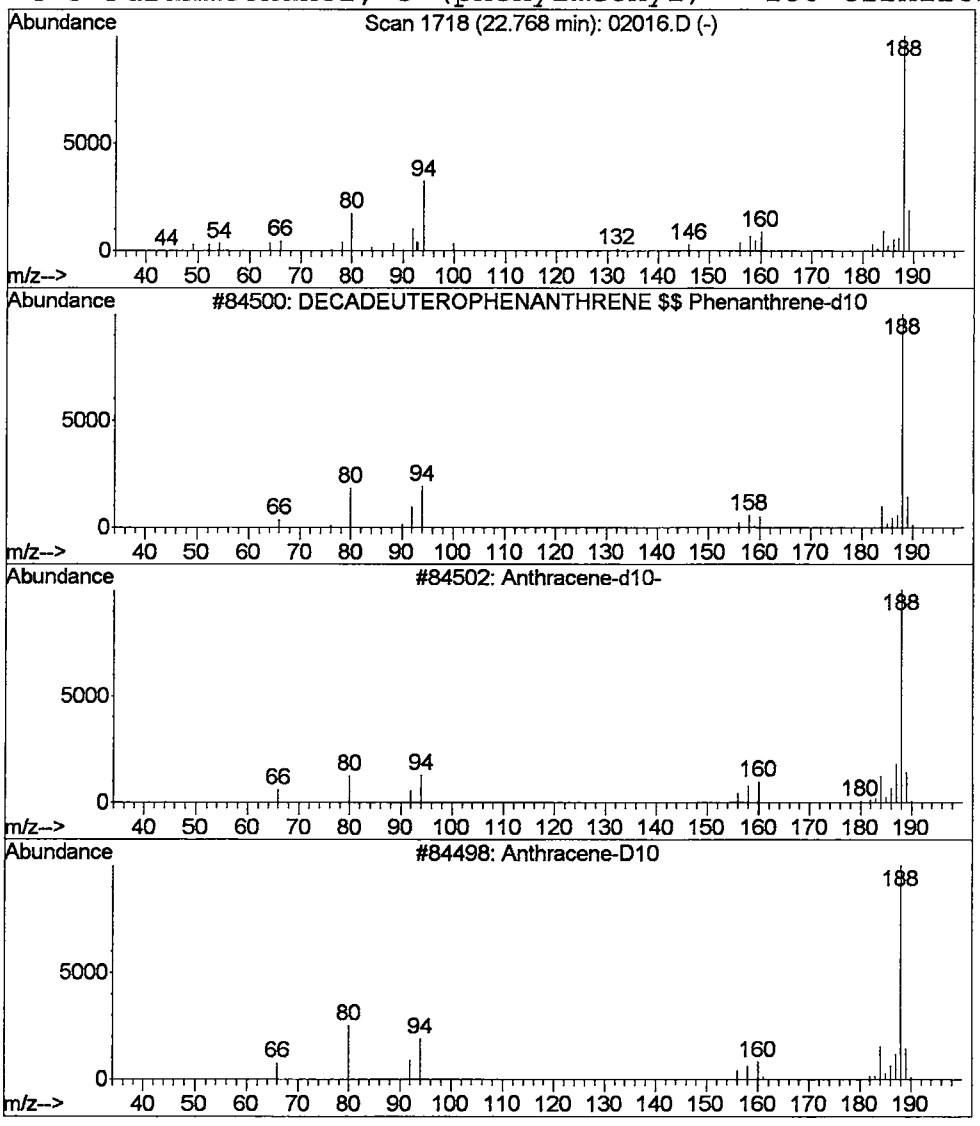
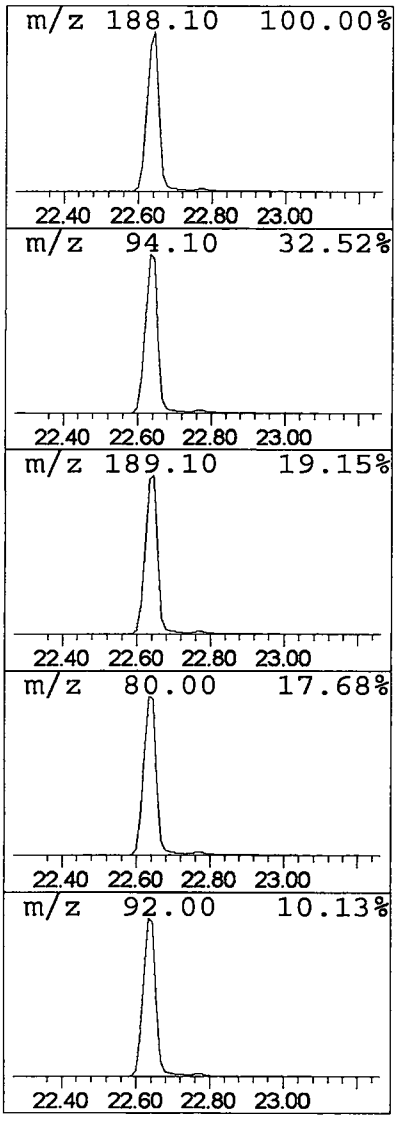
Peak Number 12 DECADEUTEROPHENANTHRENE $$ ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.52 ug/L	449007	Phenanthrene-d10	22.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	94
2	Anthracene-d10-	188	C14D10	001719-06-8	74
3	Anthracene-D10	188	C14D10	000000-00-0	59
4	3-Furanmethanol, 5-(phenylmethyl)-	188	C12H12O2	000000-00-0	47





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02016.D Vial: 4
Acq On : 26 Feb 2002 12:49 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

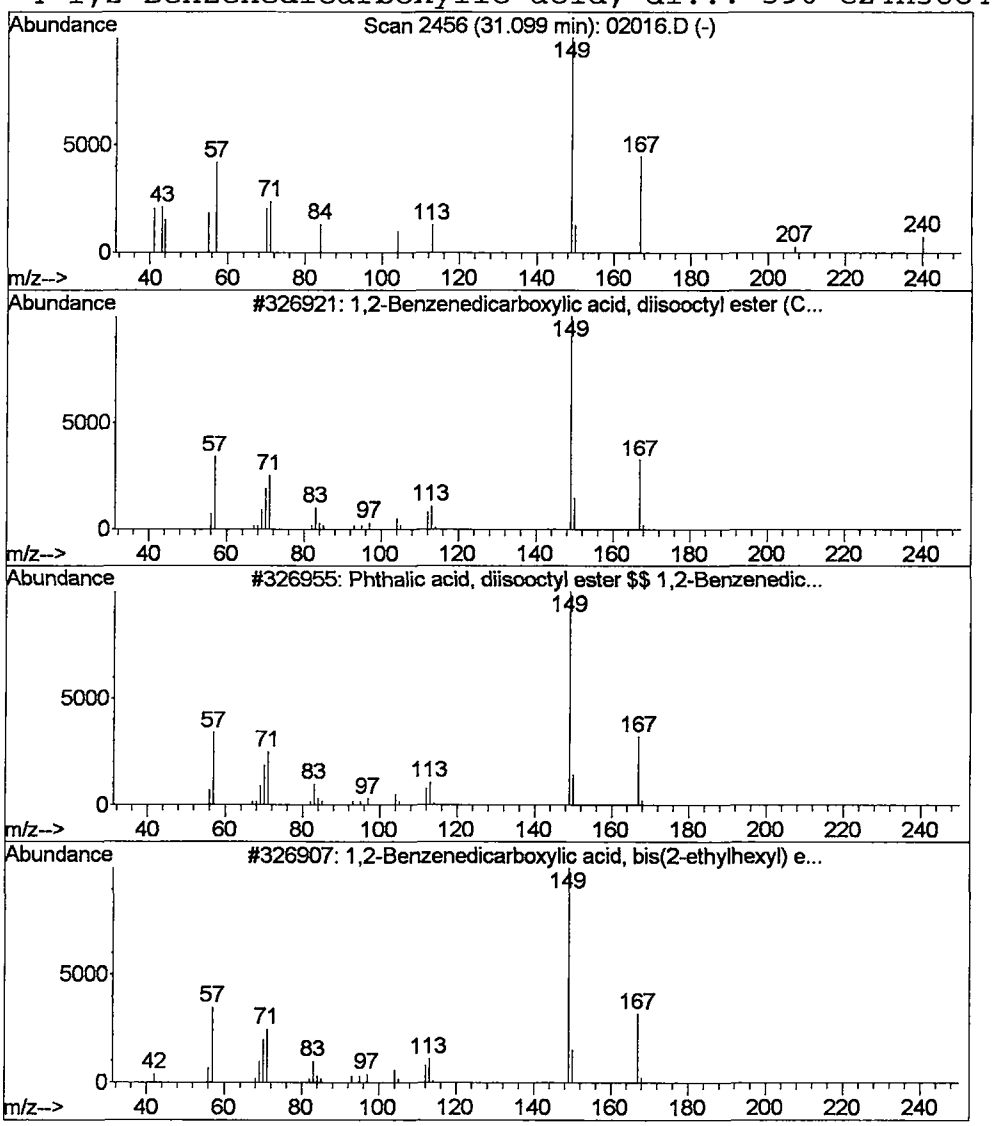
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

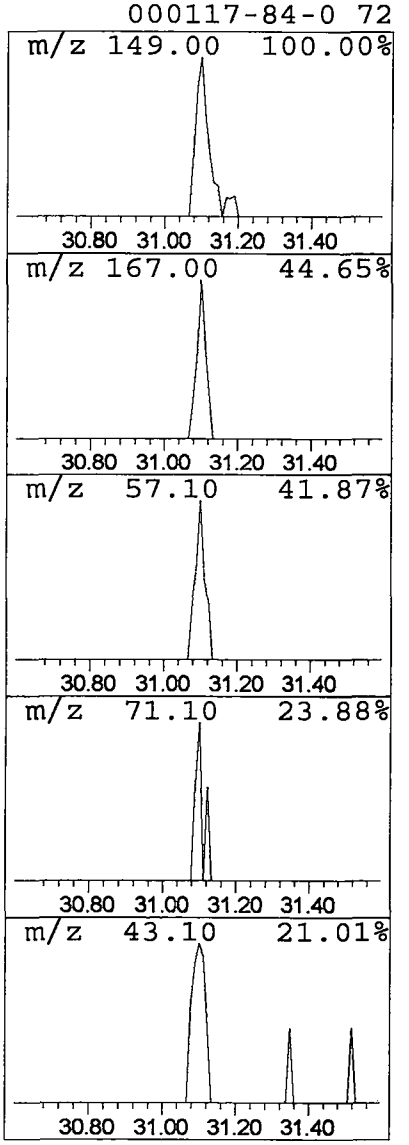
****

Peak Number 13 1,2-Benzenedicarboxylic aci... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.10	0.06 ug/L	44782	Chrysene-d12	30.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, di...	390	C24H38O4	027554-26-3	78
2	Phthalic acid, diisooctyl ester ...	390	C24H38O4	001330-91-2	78
3	1,2-Benzenedicarboxylic acid, bi...	390	C24H38O4	000117-81-7	78
4	1,2-Benzenedicarboxylic acid, di...	390	C24H38O4	000117-84-0	72





Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 26 Feb 2002 12:49 pm
Data File: C:\MSDCHEM\1\5973N\02FEB26\02016.D
Name: 508 scan
Misc: February 26, 2002
Method: C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
Title: 508 scan method
Library Searched: C:\DATABASE\WILEY7N.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
Acetonitrile, dic...	3.51	0.1	ug/L	50415	1	9.72	10423800	20.0
Butanoic acid, me...	3.63	0.1	ug/L	74833	1	9.72	10423800	20.0
ISOBUTYRALDEHYDE,...	3.94	0.1	ug/L	36809	1	9.72	10423800	20.0
2,3,4,5,6-D5-ANIL...	4.31	0.0	ug/L	22825	1	9.72	10423800	20.0
Furan, 2,3-dihydr...	4.97	0.1	ug/L	30163	1	9.72	10423800	20.0
3-(CYCLOHEX-3'-EN...	5.95	0.3	ug/L	141356	1	9.72	10423800	20.0
2-METHYL-3,3-D2-A...	9.91	0.1	ug/L	44657	1	9.72	10423800	20.0
Cyclopentasiloxan...	12.54	0.1	ug/L	53866	2	13.20	15394000	20.0
Uracil, 5-ethyl- ...	13.38	0.1	ug/L	54056	2	13.20	15394000	20.0
4H-Pyran-4-one, 2...	16.55	0.0	ug/L	23549	3	18.34	16545500	20.0
4-METHOXY-.BETA.-...	22.28	0.1	ug/L	111826	4	22.64	17258800	20.0
DECADEUTEROPHENAN...	22.77	0.5	ug/L	449007	4	22.64	17258800	20.0
1,2-Benzenedicarb...	31.10	0.1	ug/L	44782	5	30.49	15066600	20.0

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/04/2002 Time: 10:39:11

Sample: AE02015
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/1/02 15:56 Ended: 3/1/02 15:56 Analyst: DLV
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		83		5.0

Comments for Sample AE02015 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-04-2002 Time: 10:39:31

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 23 of the 43 compounds in the LCS Standard were above their acceptance ranges.

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB26\02015.D Vial: 3
Acq On : 26 Feb 2002 11:57 am Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 27 08:30:30 2002 Quant Results File: HP022102.RES

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Last Update : Mon Feb 25 10:47:59 2002
Response via : Initial Calibration
DataAcq Meth : HP020702

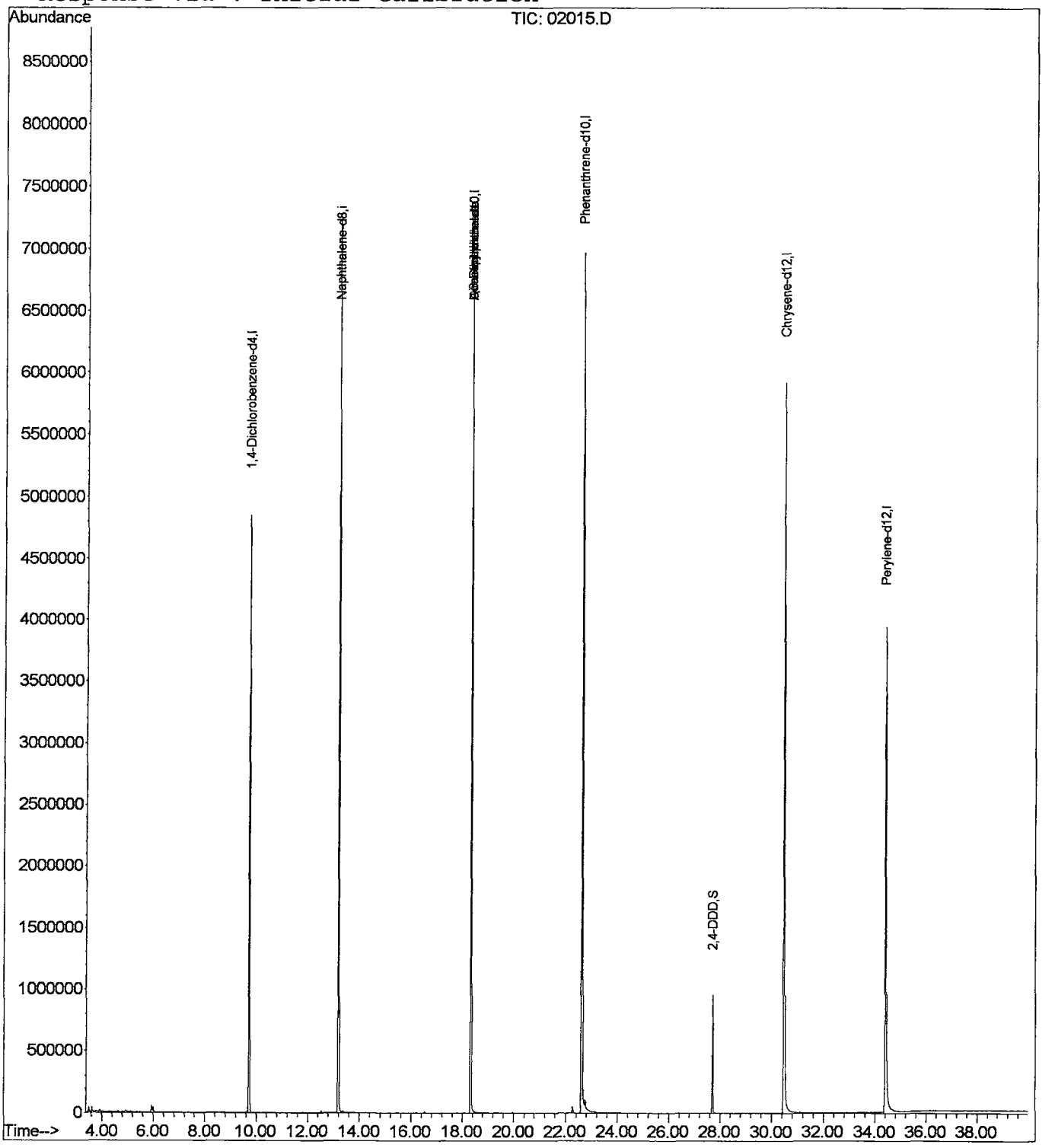
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.72	152	1693540	20.00	ug/L	0.00
10) Naphthalene-d8	13.20	136	7391402	20.00	ug/L	0.00
17) Acenaphthene-d10	18.34	164	3726213	20.00	ug/L	0.00
29) Phenanthrene-d10	22.63	188	6156986	20.00	ug/L	-0.01
38) Chrysene-d12	30.49	240	4842563	20.00	ug/L	-0.03
44) Perylene-d12	34.41	264	3305225	20.00	ug/L	-0.04
System Monitoring Compounds						
37) 2,4-DDD	27.72	235	342370	4.17	ug/L	0.00
Spiked Amount 5.000			Recovery = 83.40%			
Target Compounds						Qvalue
20) Dimethylphthalate	18.34	163	601401	2.66	ug/L	# 58
21) 2,6-Dinitrotoluene	18.34	165	473724	9.08	ug/L	# 27

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB26\02015.D Vial: 3
Acq On : 26 Feb 2002 11:57 am Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 27 8:30 2002 Quant Results File: HP022102.R

Method : C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
Title : 508 scan method
Last Update : Mon Feb 25 10:47:59 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02015.D Vial: 3
Acq On : 26 Feb 2002 11:57 am Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
Title : 508 scan method
Smoothing : OFF Filtering: 5
Sampling : 2 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 20
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

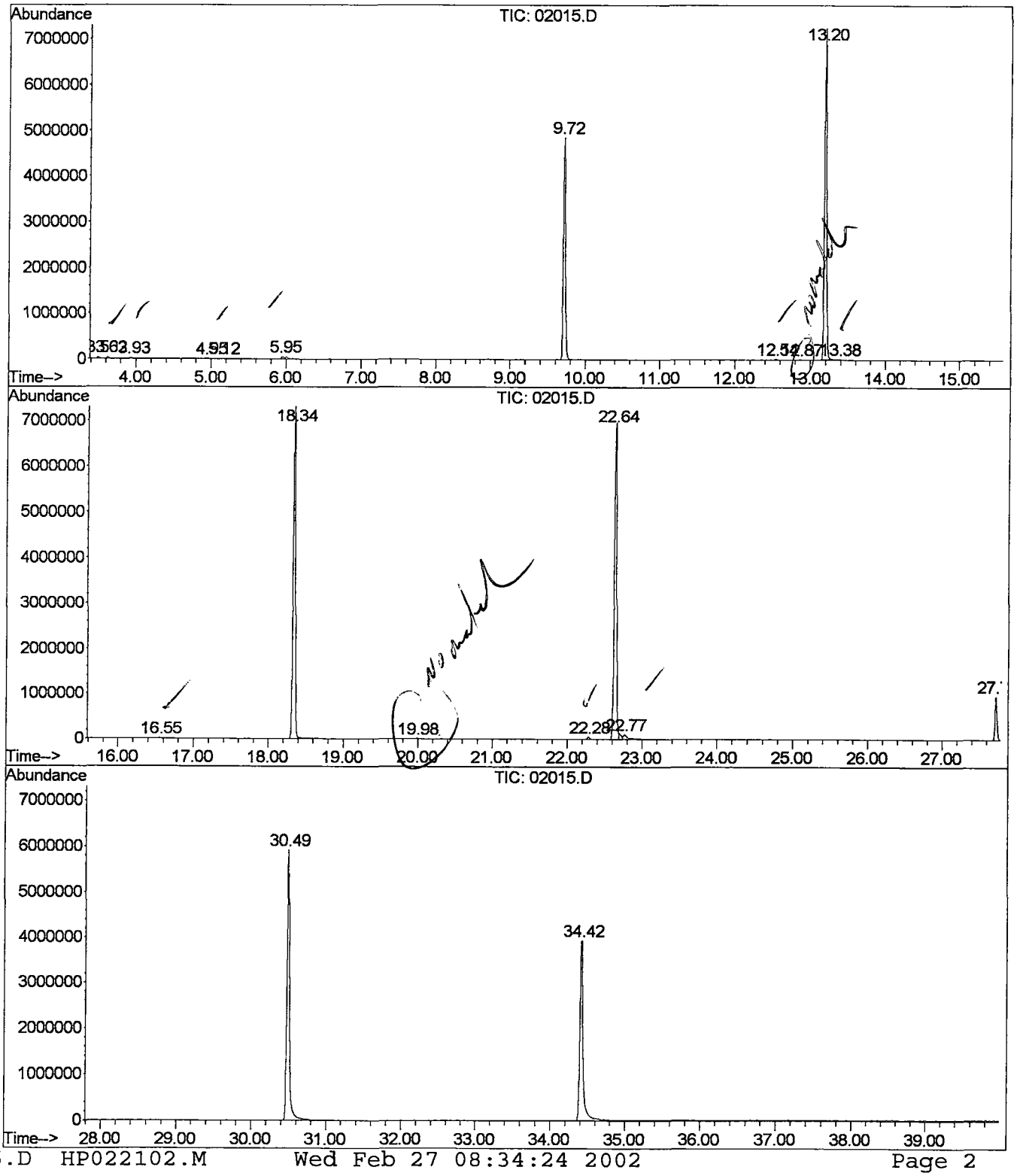
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.498	9	11	21	rVB	41271	63735	0.40%	0.077%
2	3.622	21	22	25	rBV	39905	58680	0.37%	0.071%
3	3.927	47	49	53	rVB	17630	31890	0.20%	0.038%
4	4.954	135	140	145	rVV3	13999	42954	0.27%	0.052%
5	5.124	153	155	165	rVB4	8452	28151	0.18%	0.034%
6	5.948	225	228	231	rBV	53108	105393	0.66%	0.127%
7	9.718	557	562	567	rBV	4847553	9420726	58.93%	11.359%
8	12.540	809	812	817	rVV	19509	31423	0.20%	0.038%
9	12.868	833	841	847	rVV4	5354	23176	0.14%	0.028%
10	13.195	865	870	875	rBV	7232861	13944058	87.22%	16.813%
11	13.376	883	886	893	rVB	14216	34657	0.22%	0.042%
12	16.548	1163	1167	1171	rBV	13974	23082	0.14%	0.028%
13	18.343	1319	1326	1331	rBV	7313932	15207125	95.12%	18.336%
14	19.980	1467	1471	1479	rVB5	5885	22957	0.14%	0.028%
15	22.283	1669	1675	1681	rBV	50293	100077	0.63%	0.121%
16	22.644	1701	1707	1711	rBV2	6967873	15986950	100.00%	19.276%
17	22.768	1715	1718	1745	rVB	95788	458702	2.87%	0.553%
18	27.724	2153	2157	2163	rBV	950402	1664486	10.41%	2.007%
19	30.490	2397	2402	2445	rVV2	5922040	14436717	90.30%	17.407%
20	34.418	2743	2750	2779	rBV	3931309	11250176	70.37%	13.565%

Sum of corrected areas: 82935115

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02FEB26\02015.D
Operator :
Acquired : 26 Feb 2002 11:57 am using AcqMethod HP020702
Instrument : Instrumen
Sample Name: 508 scan
Misc Info : February 26, 2002
Vial Number: 3
Quant File :HP022102.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02015.D Vial: 3
Acq On : 26 Feb 2002 11:57 am Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

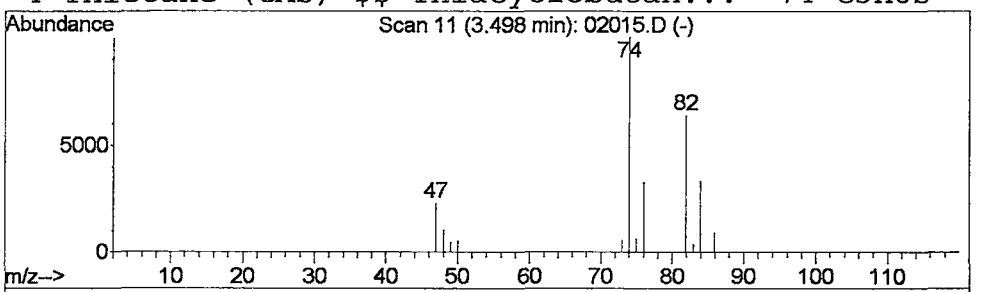
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

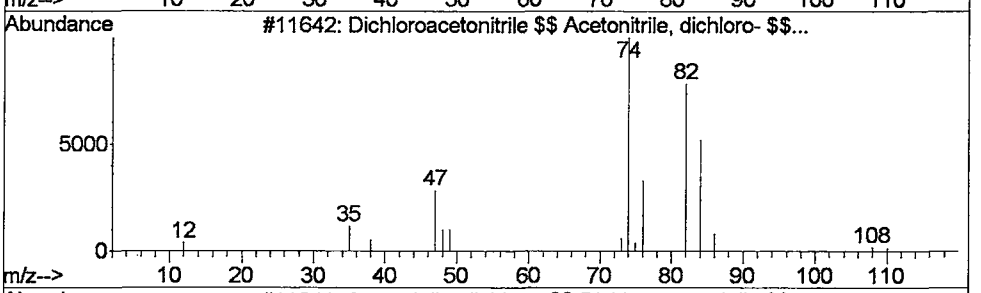
****

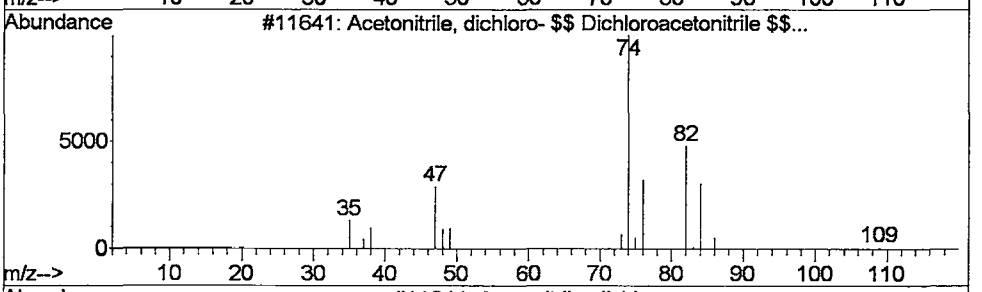
Peak Number 1 Dichloroacetonitrile $$ Ace... Concentration Rank 3

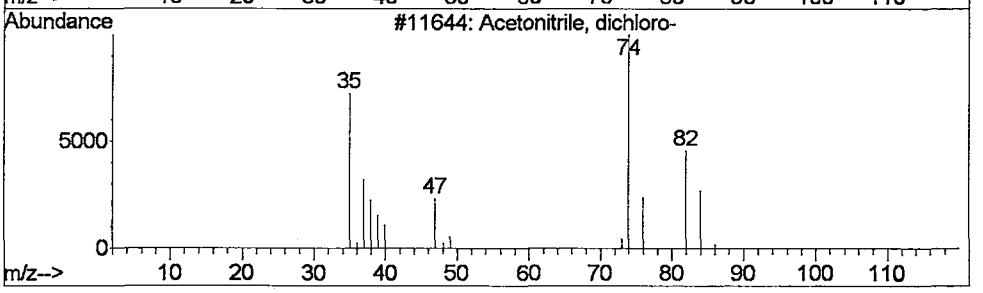
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.50	0.14 ug/L	63735	1,4-Dichlorobenzene-d4	9.72

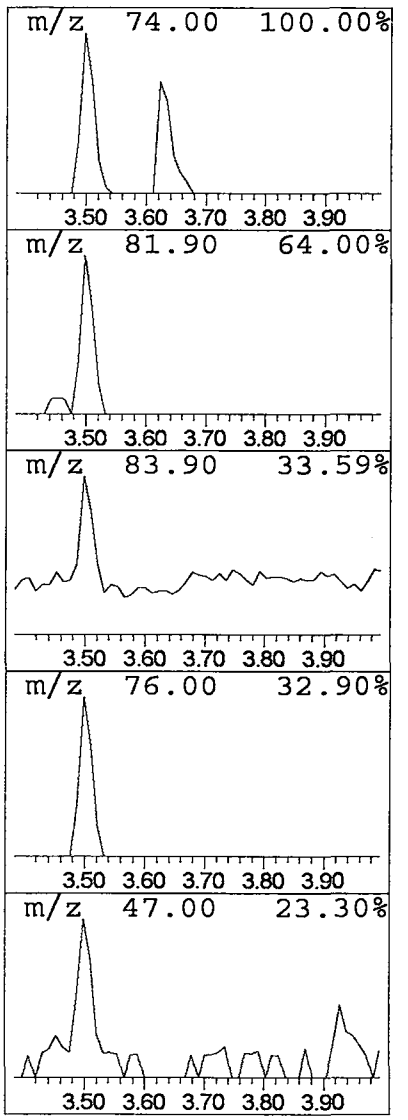
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetonitrile $$ Acetonit...	109	C2HCl2N	003018-12-0	83
2	Acetonitrile, dichloro- $$ Dichl...	109	C2HCl2N	003018-12-0	78
3	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	64
4	Thietane (CAS) $$ Thiacyclobutan...	74	C3H6S	000287-27-4	43











Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02015.D Vial: 3
Acq On : 26 Feb 2002 11:57 am Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

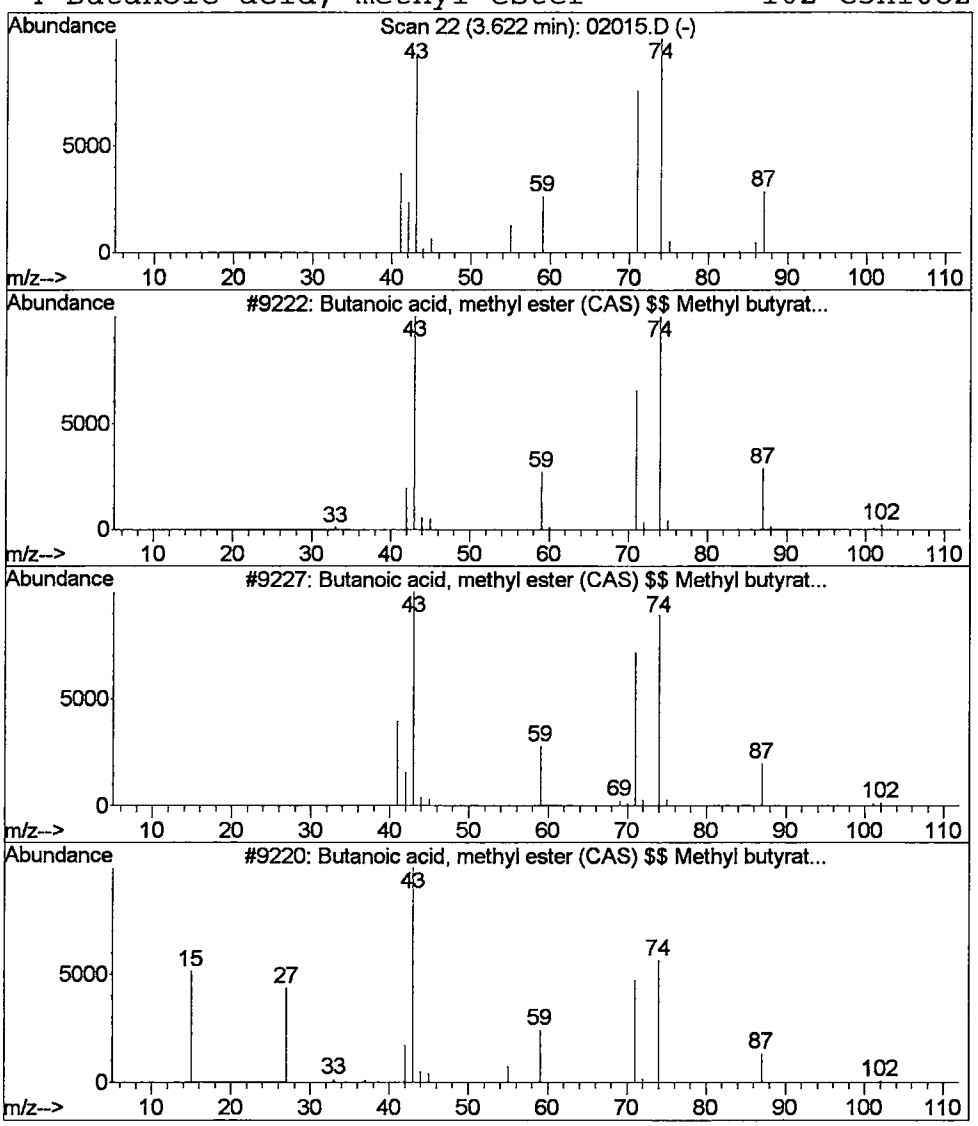
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

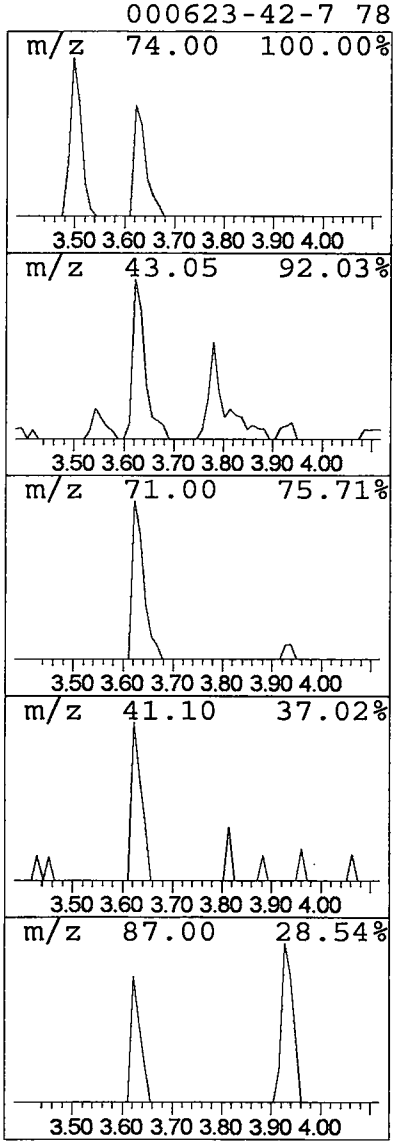
****

Peak Number 2 Butanoic acid, methyl ester... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.62	0.12 ug/L	58680	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
2	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	78
3	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	78
4	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	78





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02015.D Vial: 3
Acq On : 26 Feb 2002 11:57 am Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

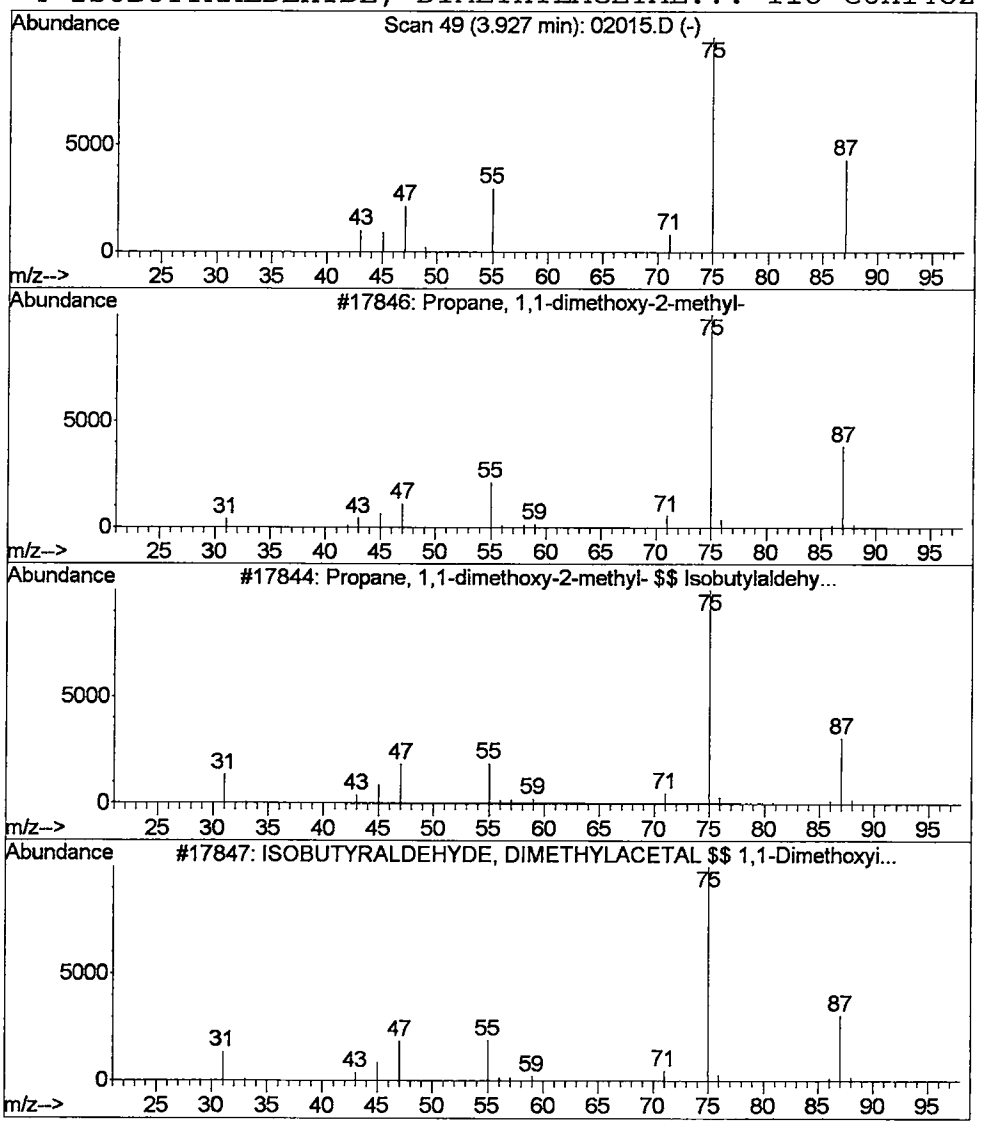
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

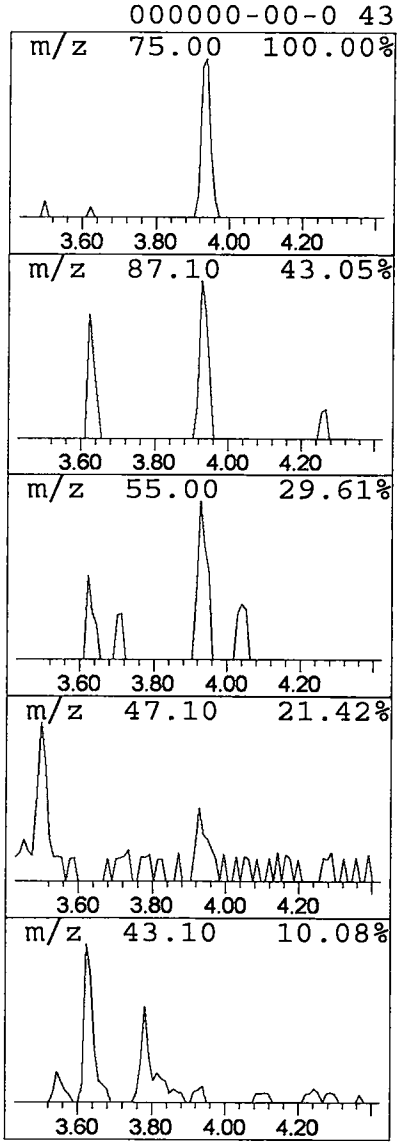
****

Peak Number 3 Propane, 1,1-dimethoxy-2-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.93	0.07 ug/L	31890	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-2-methyl-	118	C6H14O2	041632-89-7	74
2	Propane, 1,1-dimethoxy-2-methyl-...	118	C6H14O2	041632-89-7	64
3	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	64
4	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	43





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02015.D Vial: 3
Acq On : 26 Feb 2002 11:57 am Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

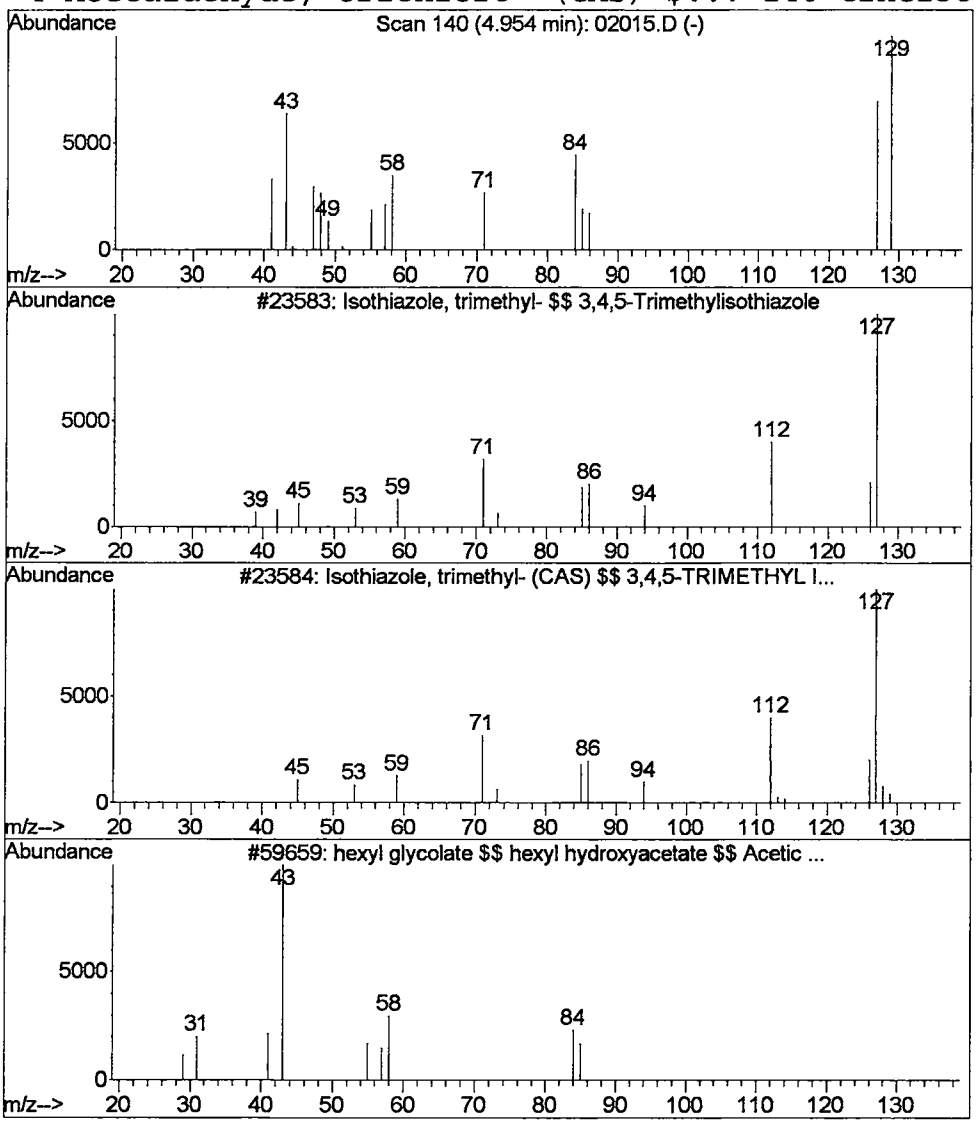
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

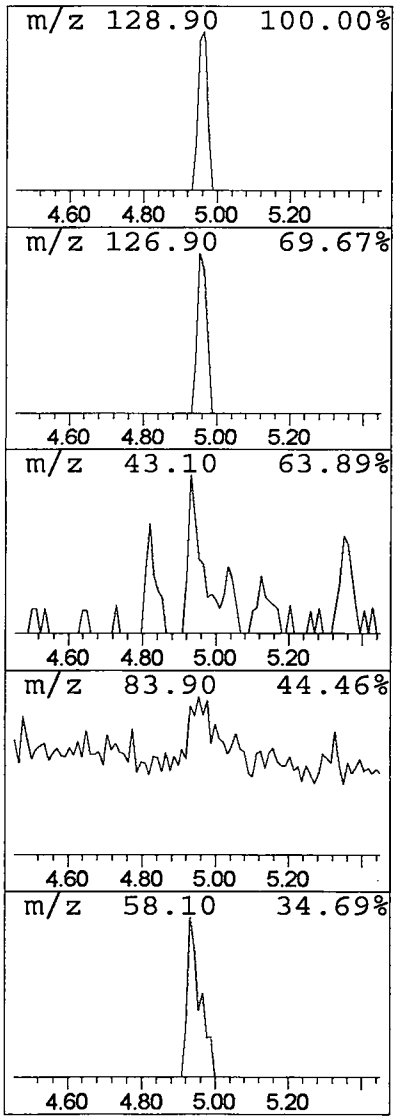
****

Peak Number 4 Isothiazole, trimethyl- $$ ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	0.09 ug/L	42954	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isothiazole, trimethyl- $$ 3,4,5...	127	C6H9NS	039228-36-9	14
2	Isothiazole, trimethyl- (CAS) $$...	127	C6H9NS	039228-36-9	14
3	hexyl glycolate $$ hexyl hydroxy...	160	C8H16O3	037160-54-6	9
4	Acetaldehyde, trichloro- (CAS) $...	146	C2HCl3O	000075-87-6	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02015.D Vial: 3
Acq On : 26 Feb 2002 11:57 am Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

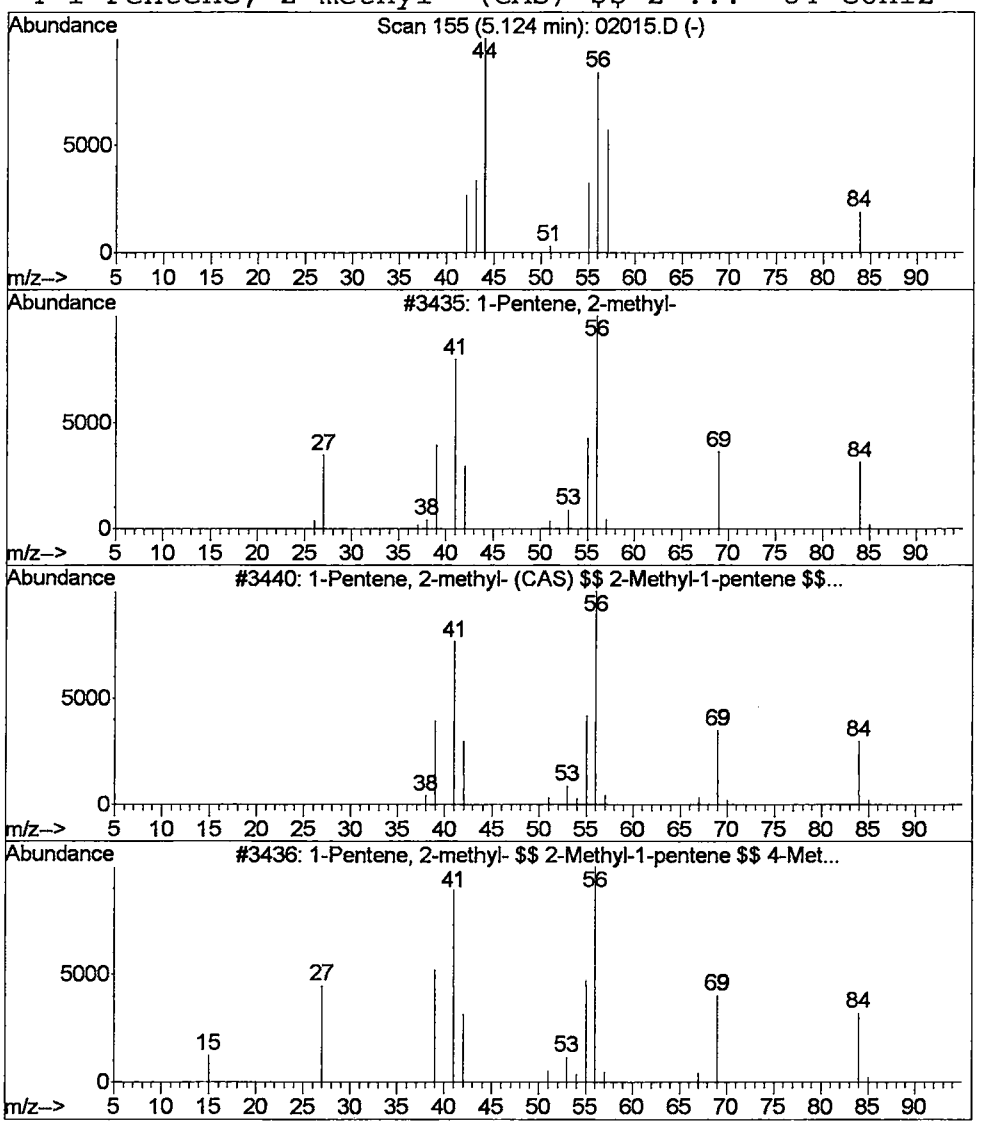
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

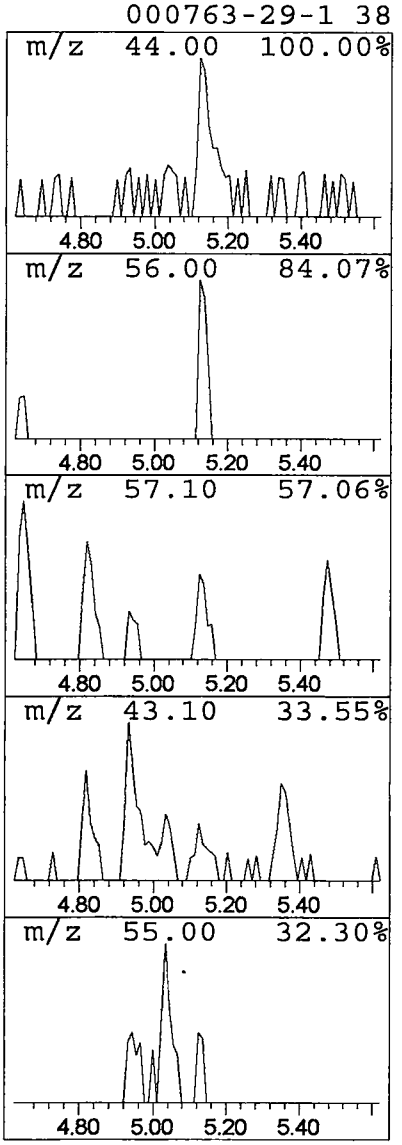
****

Peak Number 5 1-Pentene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	0.06 ug/L	28151	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	43
2	1-Pentene, 2-methyl- (CAS) $$ 2-...	84	C6H12	000763-29-1	43
3	1-Pentene, 2-methyl- $$ 2-Methyl...	84	C6H12	000763-29-1	43
4	1-Pentene, 2-methyl- (CAS) $$ 2-...	84	C6H12	000763-29-1	38





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02015.D Vial: 3
Acq On : 26 Feb 2002 11:57 am Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

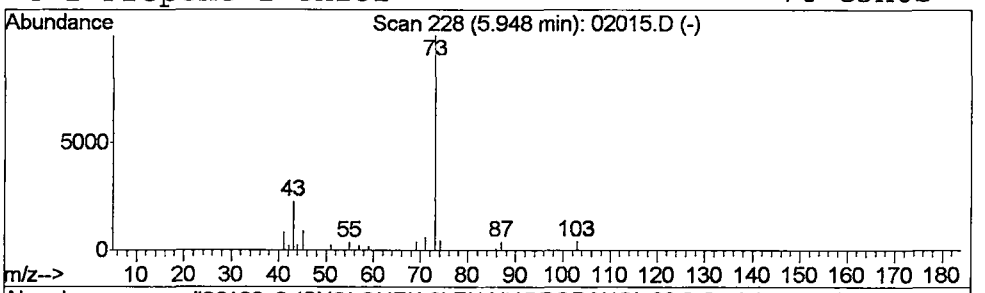
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

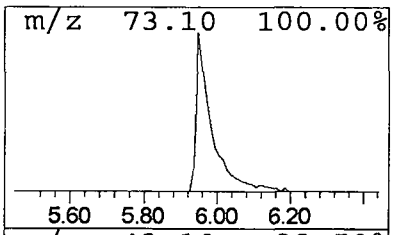
****

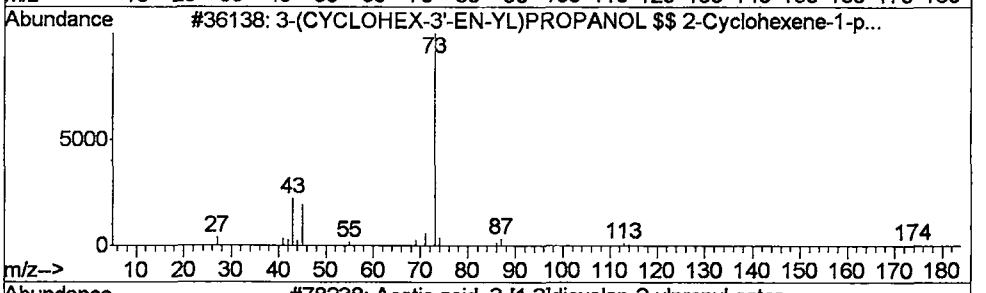
Peak Number 6 3-(CYCLOHEX-3'-EN-YL)PROPAN... Concentration Rank 2

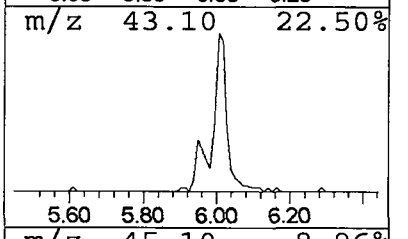
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	0.22 ug/L	105393	1,4-Dichlorobenzene-d4	9.72

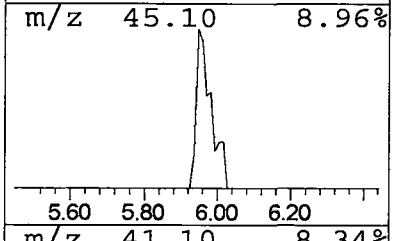
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	36
2	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	36
3	N-Ethylformamide $$ N-Formylethy...	73	C3H7NO	000627-45-2	9
4	1-Propene-1-thiol	74	C3H6S	000925-89-3	5

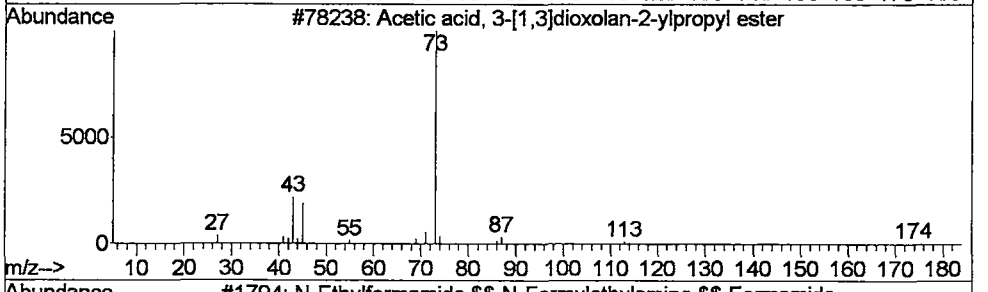


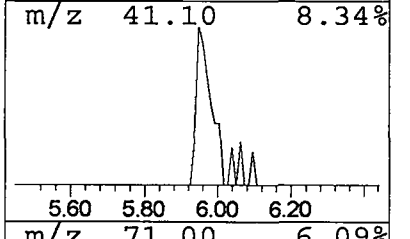


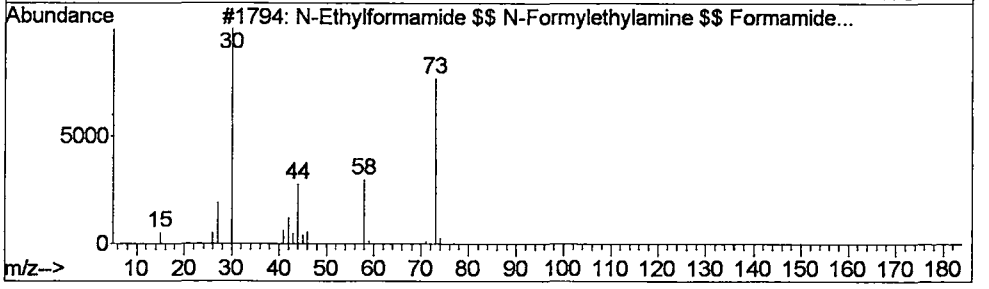


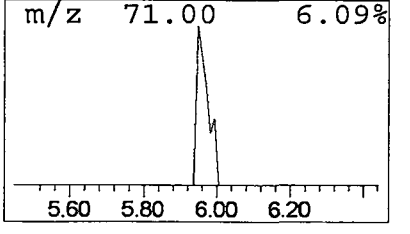












Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02015.D Vial: 3
Acq On : 26 Feb 2002 11:57 am Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

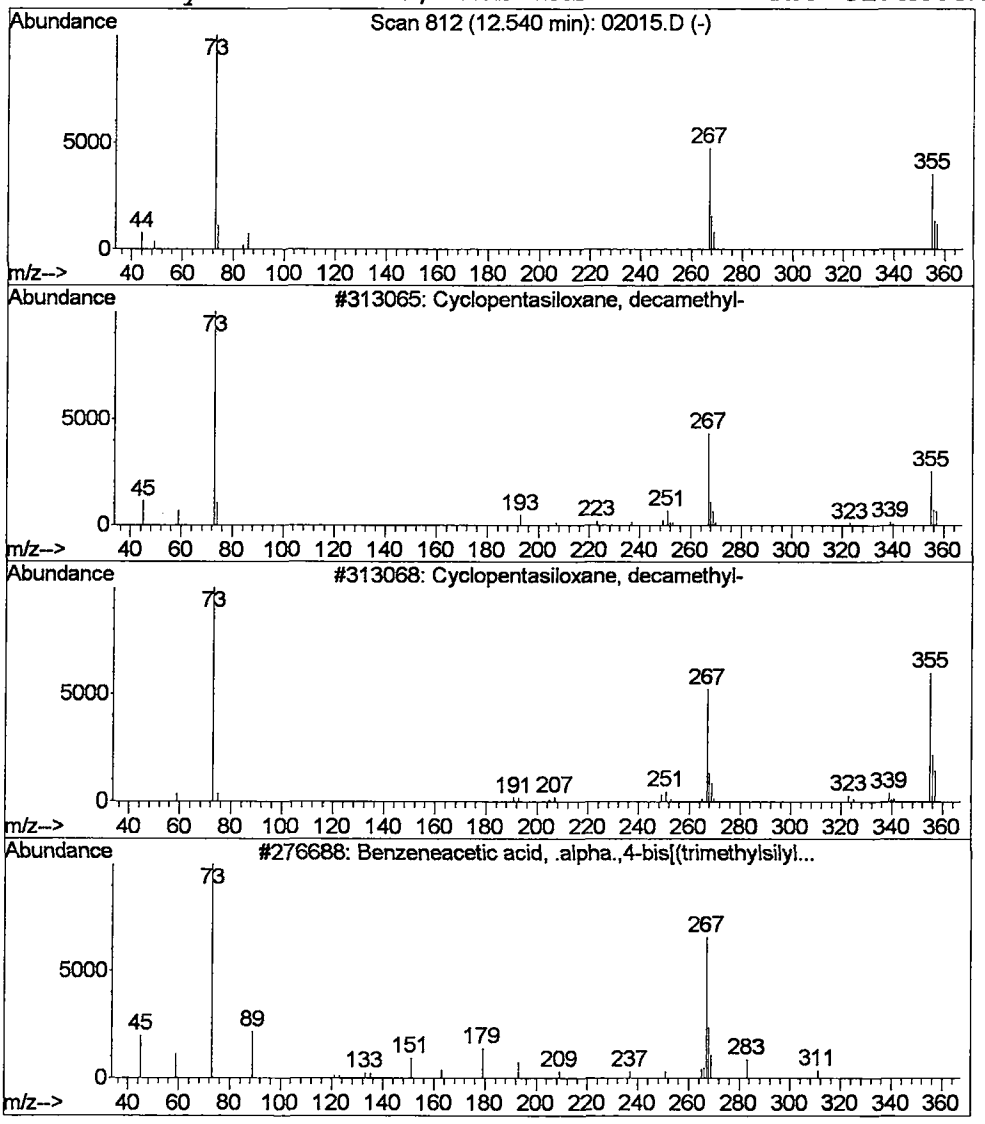
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

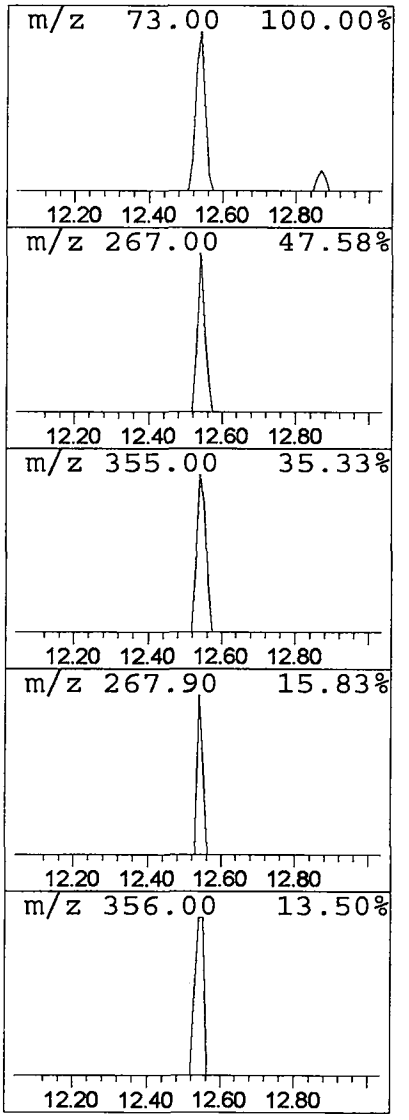
****

Peak Number 7 Cyclopentasiloxane, decamet... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	0.05 ug/L	31423	Naphthalene-d8	13.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	83
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	74
3	Benzeneacetic acid, .alpha.,4-bi...	326	C15H26O4Si2	055334-40-2	28
4	N-Methyladrenaline, tri-TMS	413	C19H39NO3Si3	000000-00-0	25





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02015.D Vial: 3
Acq On : 26 Feb 2002 11:57 am Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

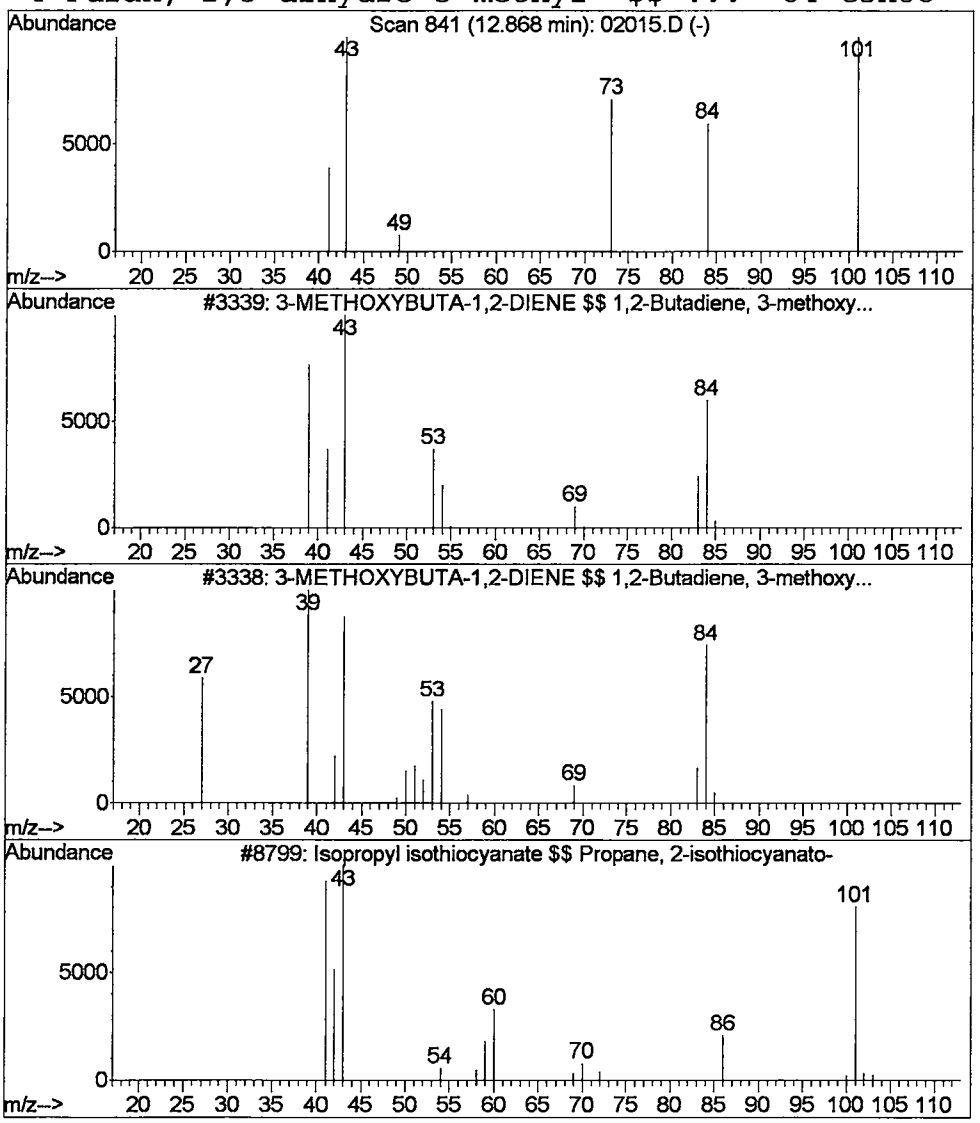
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

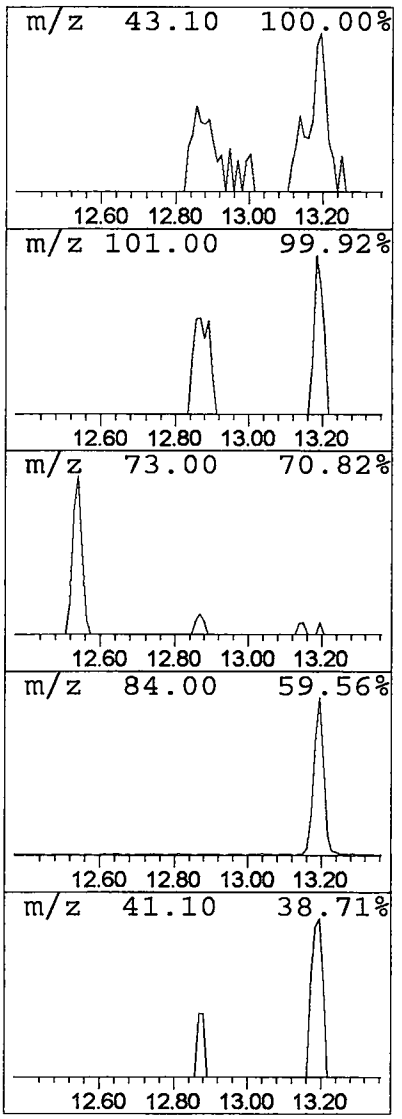
****

Peak Number 8 3-METHOXYBUTA-1,2-DIENE $$ ... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	0.03 ug/L	23176	Naphthalene-d8	13.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-METHOXYBUTA-1,2-DIENE $$ 1,2-B...	84	C5H8O	050285-32-0	5
2	3-METHOXYBUTA-1,2-DIENE $$ 1,2-B...	84	C5H8O	050285-32-0	4
3	Isopropyl isothiocyanate $$ Prop...	101	C4H7NS	002253-73-8	4
4	Furan, 2,3-dihydro-5-methyl- $$ ...	84	C5H8O	001487-15-6	4





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02015.D Vial: 3
Acq On : 26 Feb 2002 11:57 am Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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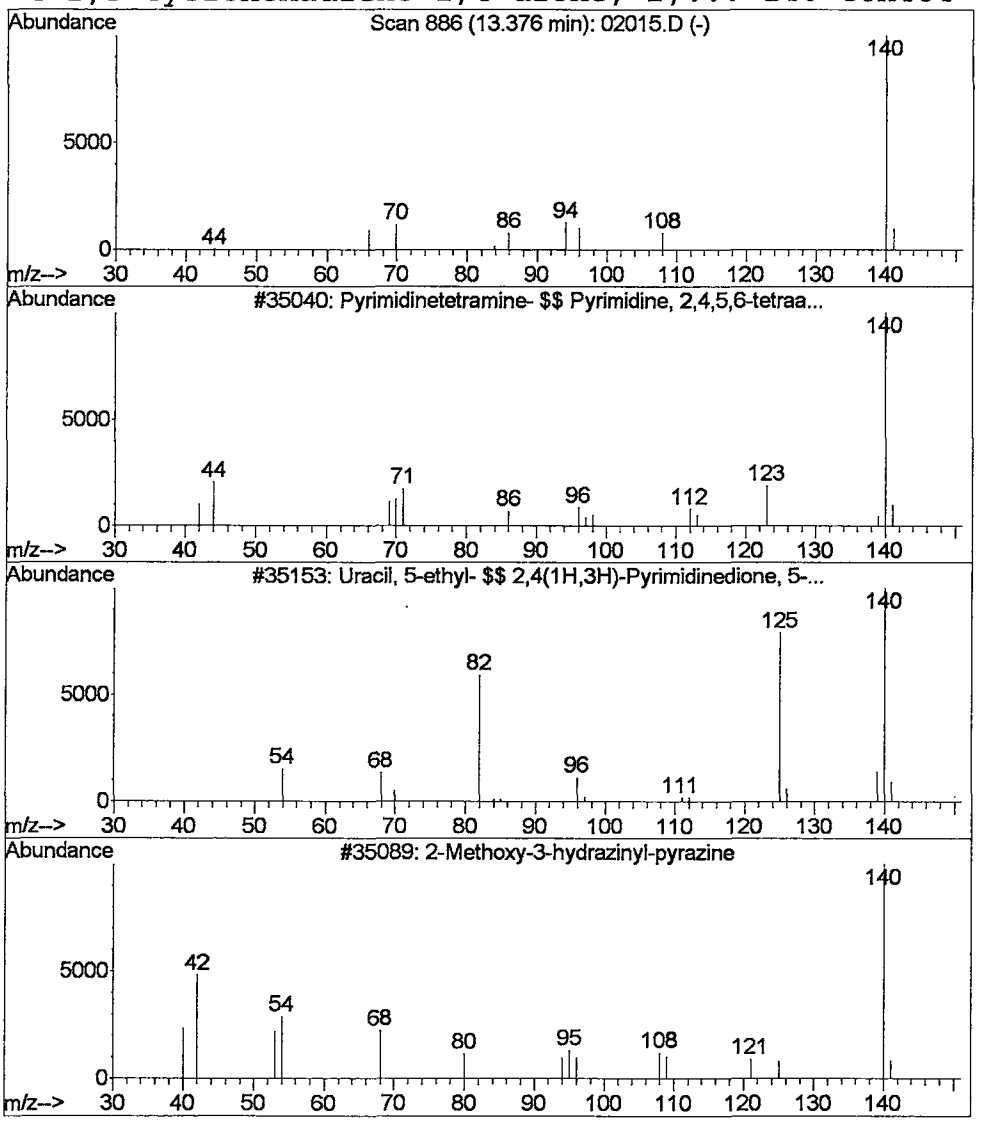
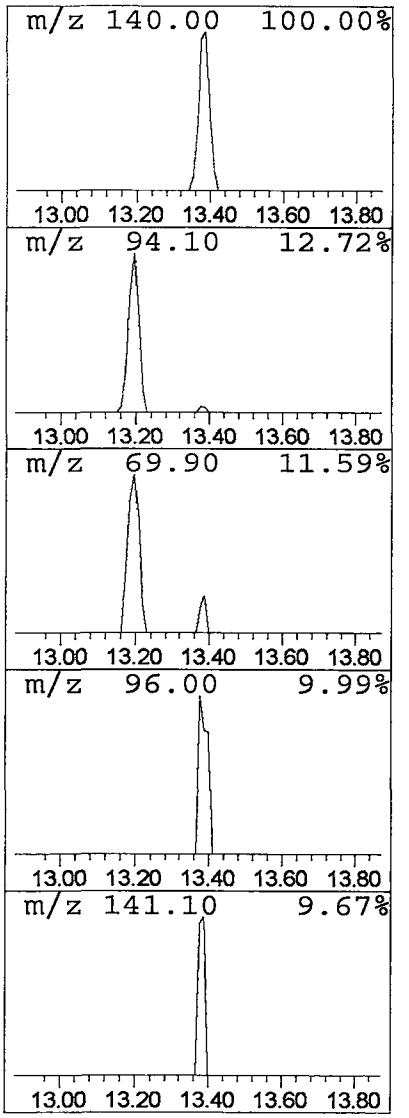
Peak Number 9 Pyrimidinetetramine- $$ Pyr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	0.05 ug/L	34657	Naphthalene-d8	13.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrimidinetetramine- $$ Pyrimidi...	140	C4H8N6	001004-74-6	72
2	Uracil, 5-ethyl- $$ 2,4(1H,3H)-P...	140	C6H8N2O2	004212-49-1	50
3	2-Methoxy-3-hydrazinyl-pyrazine	140	C5H8N4O	000000-00-0	43
4	2,5-Cyclohexadiene-1,4-dione, 2,...	140	C6H4O4	000615-94-1	39





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02015.D Vial: 3
Acq On : 26 Feb 2002 11:57 am Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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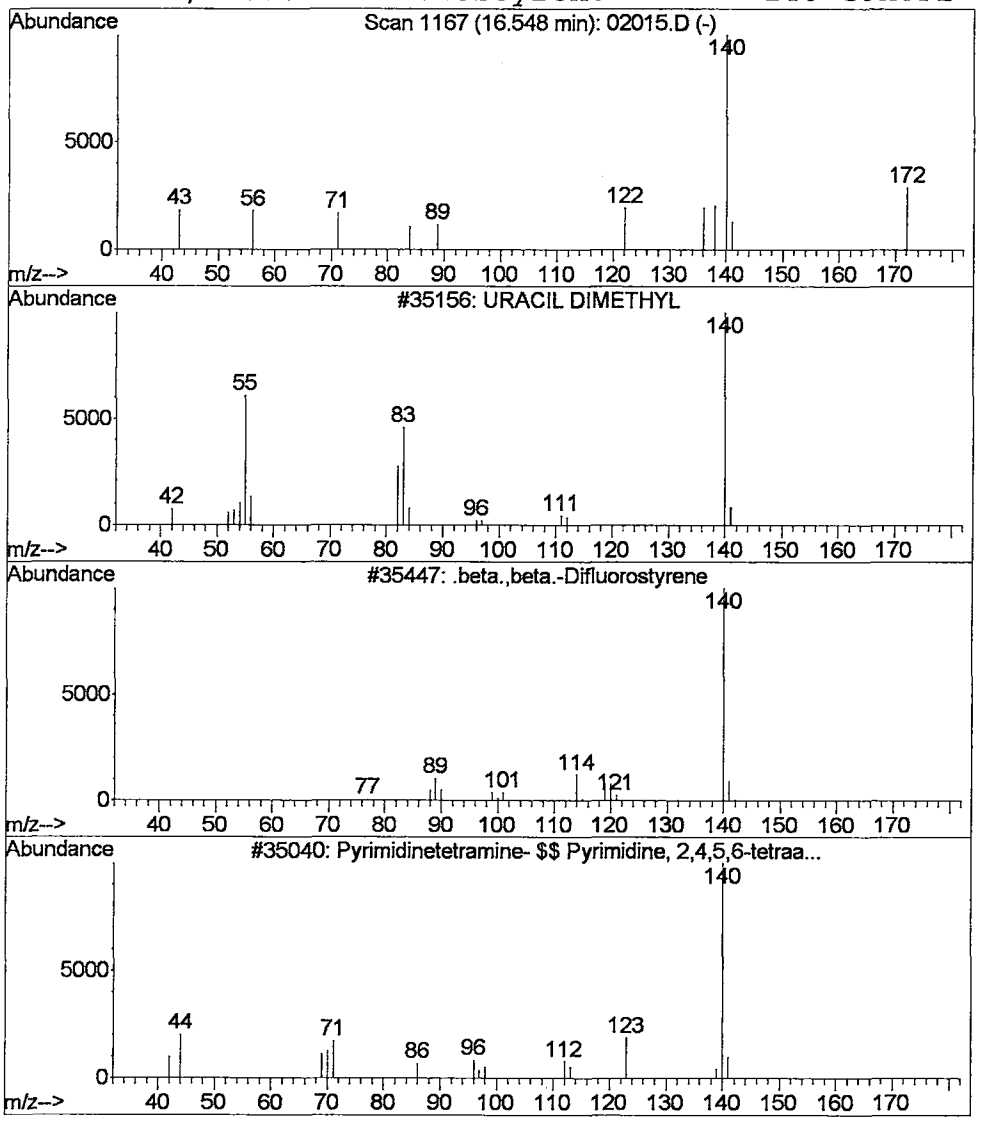
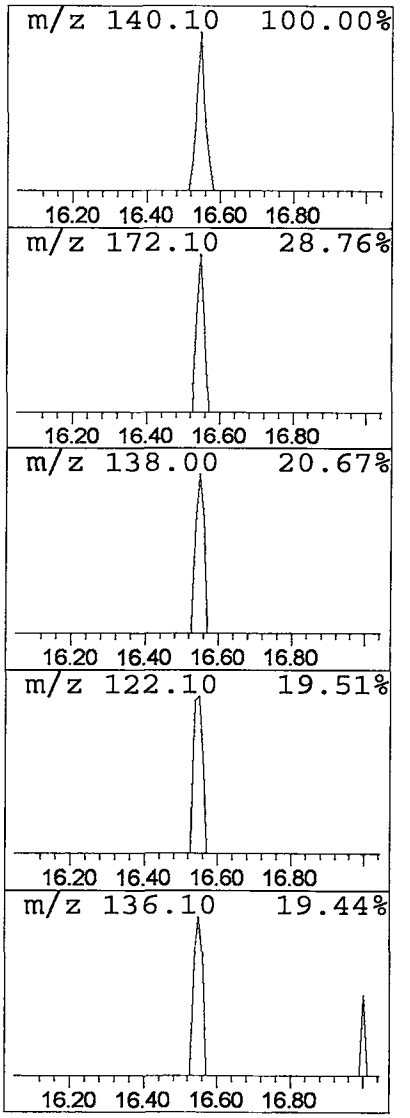
Peak Number 10 URACIL DIMETHYL Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	0.03 ug/L	23082	Acenaphthene-d10	18.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	URACIL DIMETHYL	140	C6H8N2O2	000000-00-0	9
2	.beta.,beta.-Difluorostyrene	140	C8H6F2	000000-00-0	9
3	Pyrimidinetetramine- $$ Pyrimidi...	140	C4H8N6	001004-74-6	9
4	.beta.,beta.-Difluorostyrene	140	C8H6F2	000000-00-0	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02015.D Vial: 3
Acq On : 26 Feb 2002 11:57 am Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

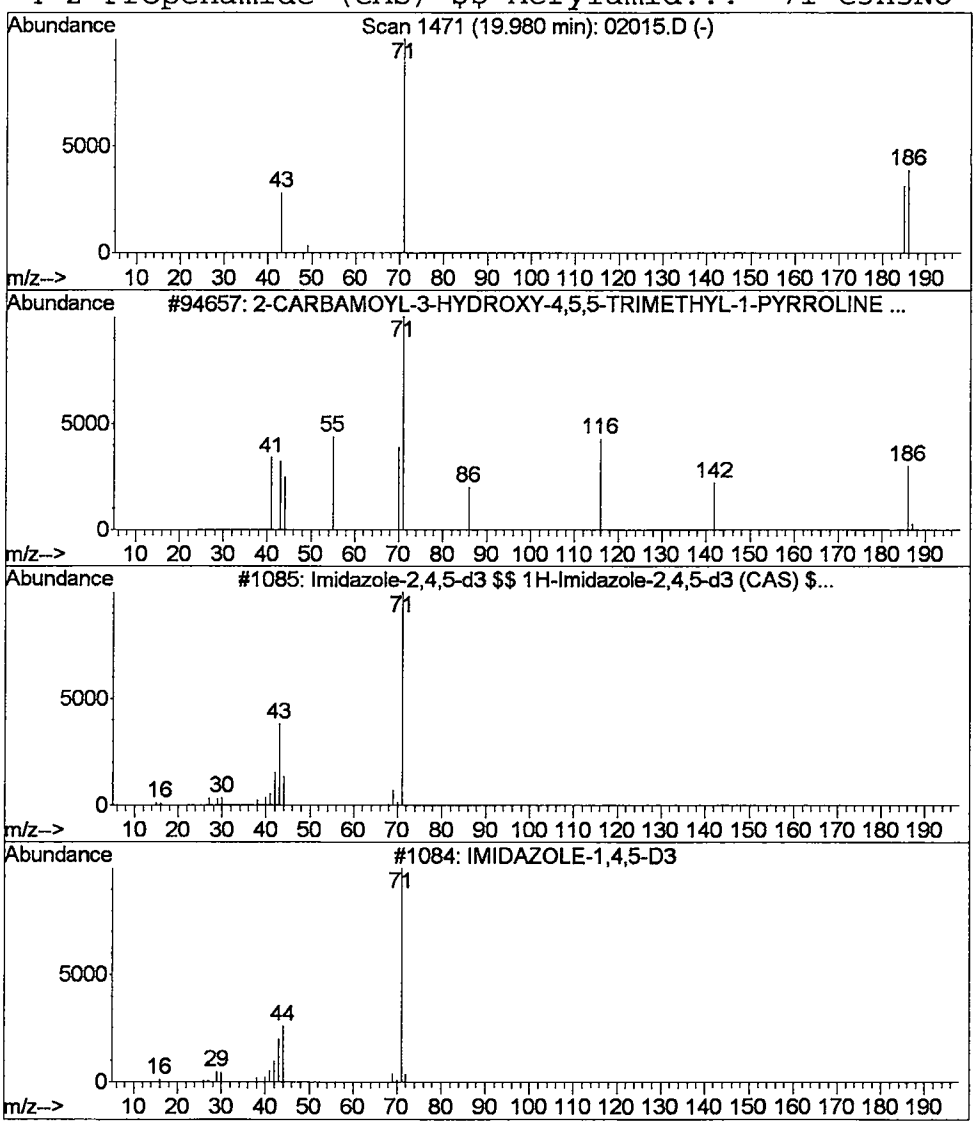
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

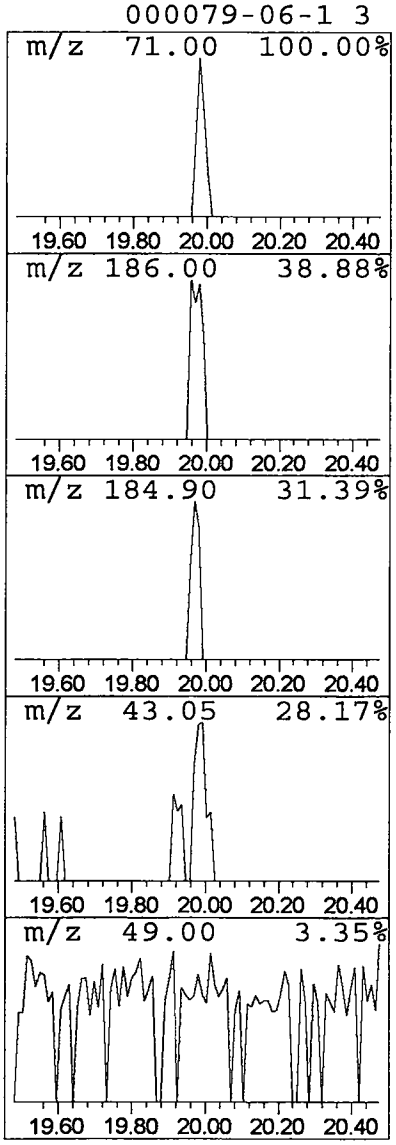
****

Peak Number 11 2-CARBAMOYL-3-HYDROXY-4,5,5... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.98	0.03 ug/L	22957	Acenaphthene-d10	18.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-CARBAMOYL-3-HYDROXY-4,5,5-TRIM...	186	C8H14N2O3	072700-98-2	7
2	Imidazole-2,4,5-d3 $$ 1H-Imidazo...	71	C3HD3N2	006745-43-3	4
3	IMIDAZOLE-1,4,5-D3	71	C3HD3N2	053716-57-7	3
4	2-Propenamide (CAS) $$ Acrylamid...	71	C3H5NO	000079-06-1	3





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02015.D Vial: 3
Acq On : 26 Feb 2002 11:57 am Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

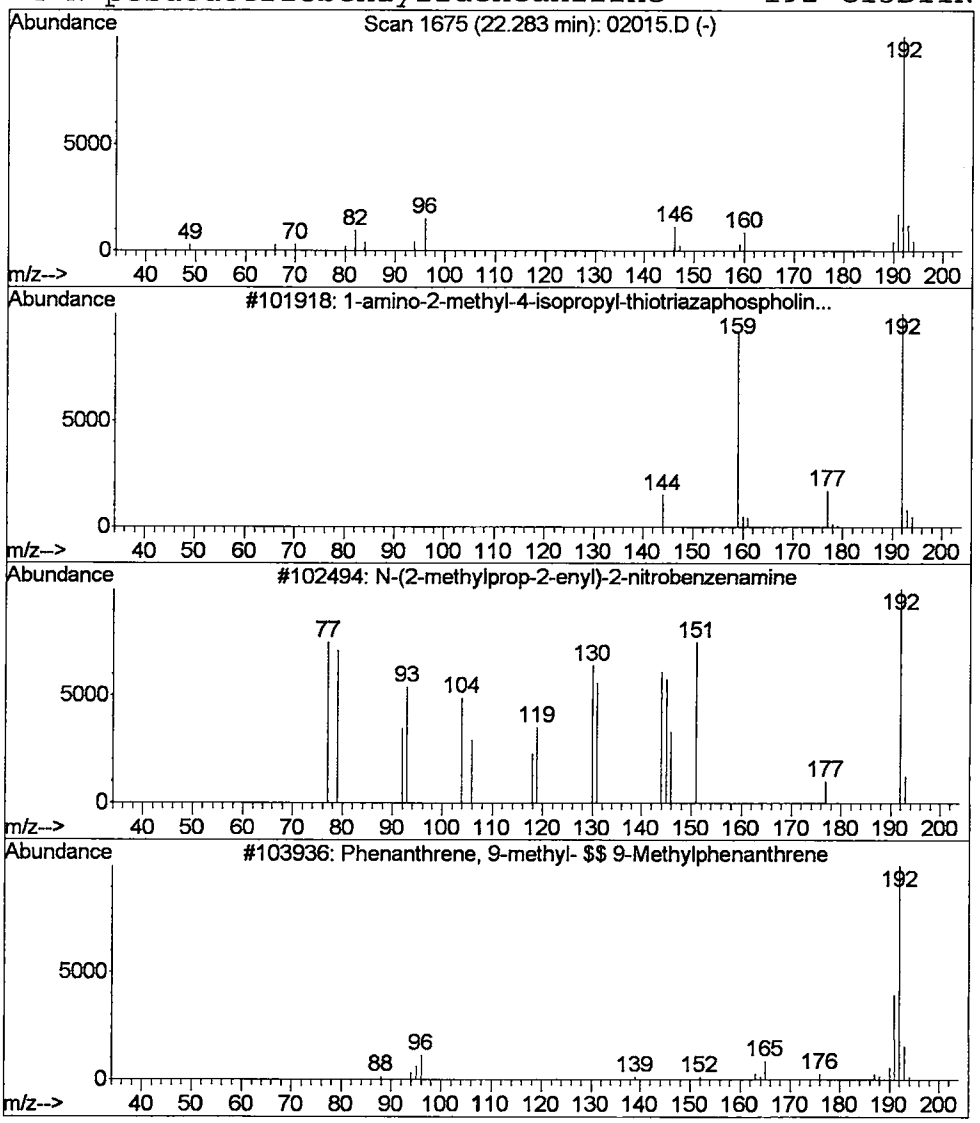
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

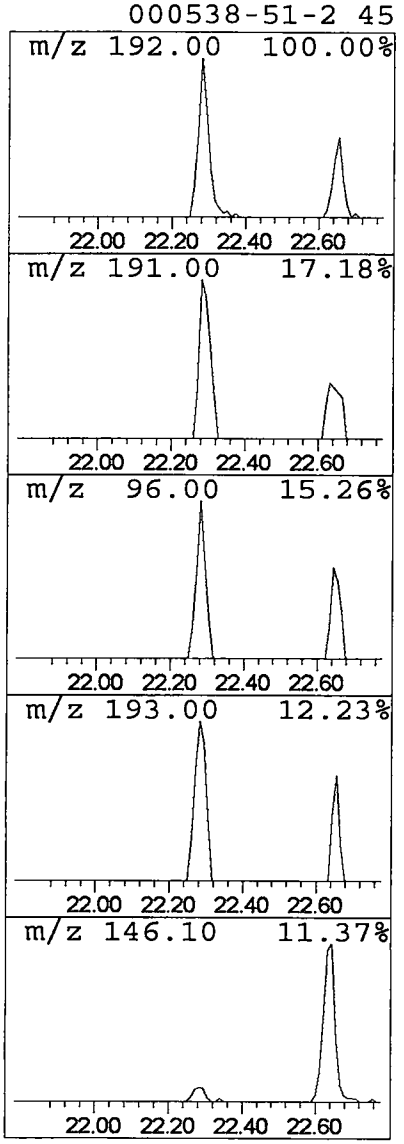
****

Peak Number 12 1-amino-2-methyl-4-isopropy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.13 ug/L	100077	Phenanthrene-d10	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-amino-2-methyl-4-isopropyl-thi...	192	C5H13N4PS	107264-54-0	50
2	N-(2-methylprop-2-enyl)-2-nitrob...	192	C10H12N2O2	000000-00-0	47
3	Phenanthrene, 9-methyl- $$ 9-Met...	192	C15H12	000883-20-5	45
4	N-perdeuteriobenzylideneaniline	192	C13D11N	000538-51-2	45





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02015.D Vial: 3
Acq On : 26 Feb 2002 11:57 am Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

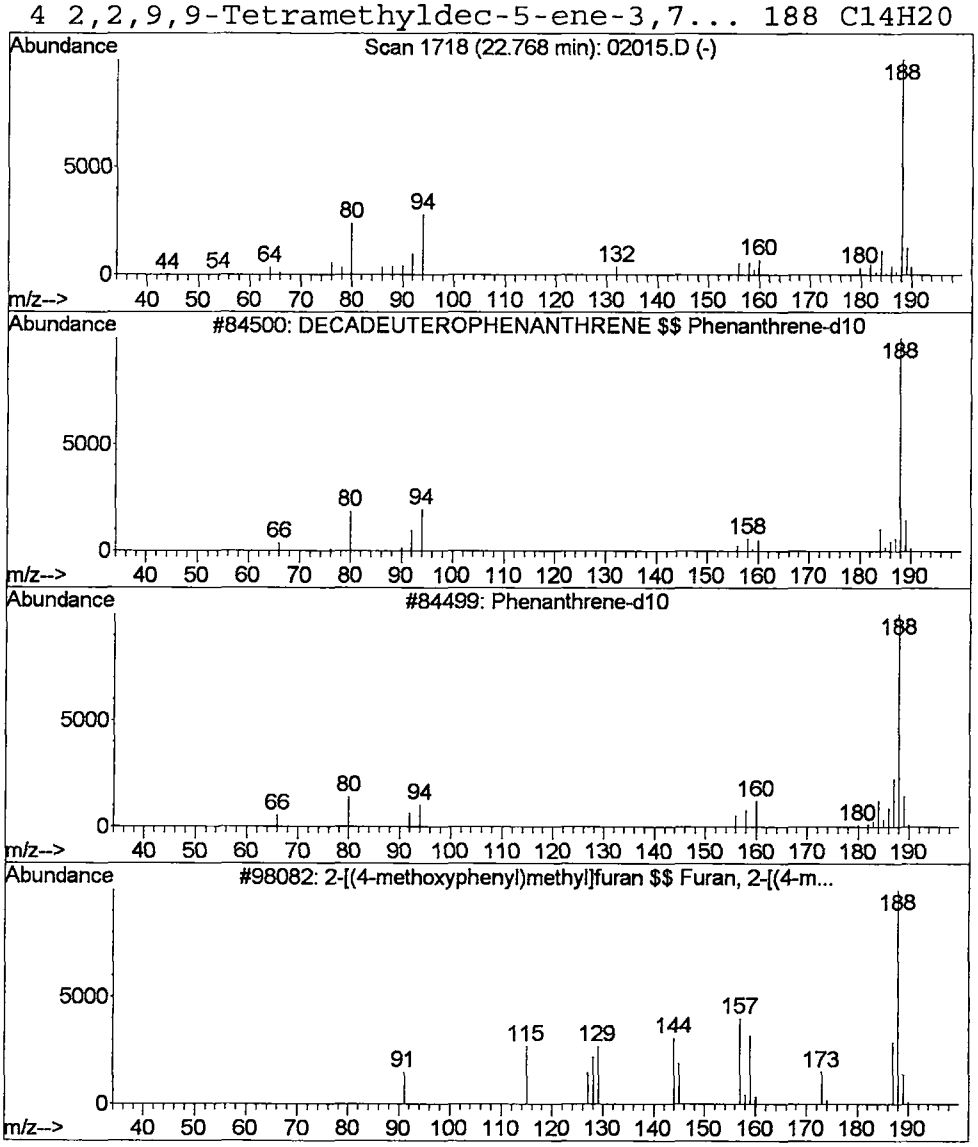
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

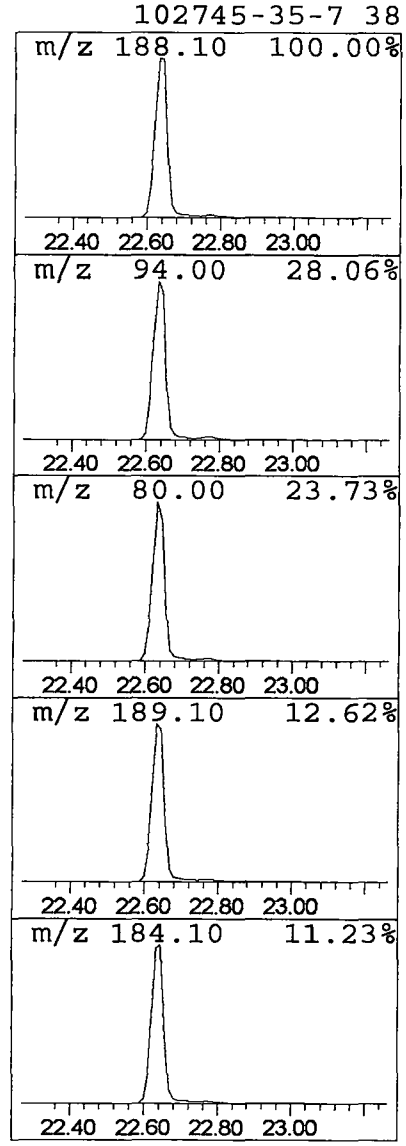
****

Peak Number 13 DECADEUTEROPHENANTHRENE $$ ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.57 ug/L	458702	Phenanthrene-d10	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	87
2	Phenanthrene-d10	188	C14D10	001517-22-2	72
3	2-[(4-methoxyphenyl)methyl]furan...	188	C12H12O2	015047-76-4	38
4	2,2,9,9-Tetramethyldec-5-ene-3,7...	188	C14H20	102745-35-7	38





Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 26 Feb 2002 11:57 am
Data File: C:\MSDCHEM\1\5973N\02FEB26\02015.D
Name: 508 scan
Misc: February 26, 2002
Method: C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
Title: 508 scan method
Library Searched: C:\DATABASE\WILEY7N.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
Dichloroacetonitr...	3.50	0.1	ug/L	63735	1	9.72	9420730	20.0
Butanoic acid, me...	3.62	0.1	ug/L	58680	1	9.72	9420730	20.0
Propane, 1,1-dime...	3.93	0.1	ug/L	31890	1	9.72	9420730	20.0
Isothiazole, trim...	4.95	0.1	ug/L	42954	1	9.72	9420730	20.0
1-Pentene, 2-methyl-	5.12	0.1	ug/L	28151	1	9.72	9420730	20.0
3-(CYCLOHEX-3'-EN...	5.95	0.2	ug/L	105393	1	9.72	9420730	20.0
Cyclopentasiloxan...	12.54	0.0	ug/L	31423	2	13.20	13944100	20.0
3-METHOXYBUTA-1,2...	12.87	0.0	ug/L	23176	2	13.20	13944100	20.0
Pyrimidinetetrami...	13.38	0.0	ug/L	34657	2	13.20	13944100	20.0
URACIL DIMETHYL	16.55	0.0	ug/L	23082	3	18.34	15207100	20.0
2-CARBAMOYL-3-HYD...	19.98	0.0	ug/L	22957	3	18.34	15207100	20.0
1-amino-2-methyl-...	22.28	0.1	ug/L	100077	4	22.63	15987000	20.0
DECADEUTEROPHENAN...	22.77	0.6	ug/L	458702	4	22.63	15987000	20.0

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/01/2002 Time: 14:40:09

Sample: AE02017
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/1/02 14:39 Ended: 3/1/02 14:39 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		71		5.0

Comments for Sample AE02017 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-01-2002 Time: 14:40:15

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 23 of the 43 compounds in the LCS Standard were above their acceptance ranges.

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB26\02017.D Vial: 5
Acq On : 26 Feb 2002 1:41 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 27 08:30:33 2002 Quant Results File: HP022102.RES

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Last Update : Mon Feb 25 10:47:59 2002
Response via : Initial Calibration
DataAcq Meth : HP020702

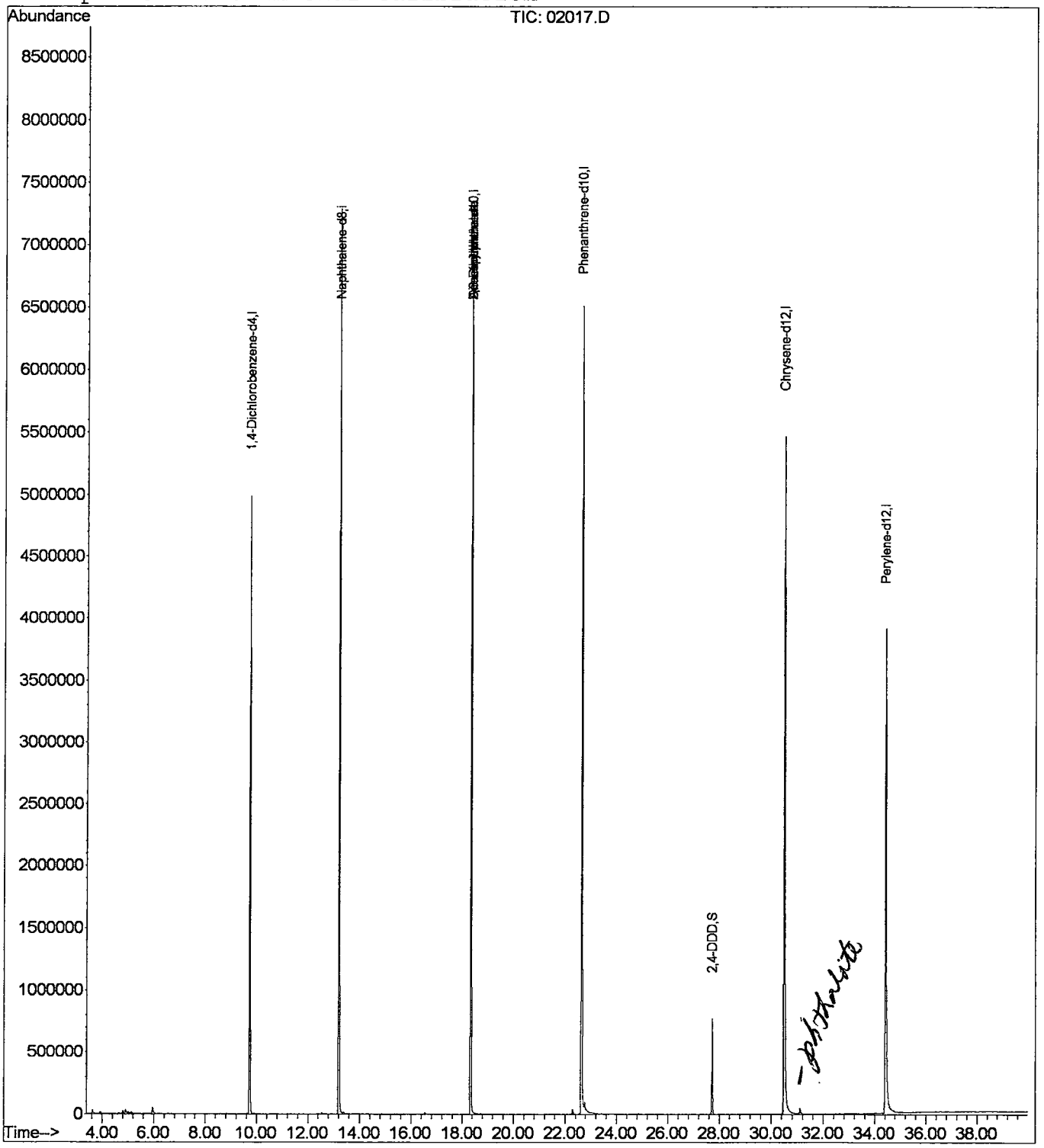
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.72	152	1720772	20.00	ug/L	0.00
10) Naphthalene-d8	13.20	136	7345519	20.00	ug/L	0.00
17) Acenaphthene-d10	18.34	164	3591644	20.00	ug/L	0.00
29) Phenanthrene-d10	22.63	188	6049608	20.00	ug/L	-0.01
38) Chrysene-d12	30.49	240	4655562	20.00	ug/L	-0.03
44) Perylene-d12	34.41	264	3283231	20.00	ug/L	-0.04
System Monitoring Compounds						
37) 2,4-DDD	27.72	235	284370	3.53	ug/L	0.00
Spiked Amount 5.000			Recovery = 70.60%			
Target Compounds						Qvalue
20) Dimethylphthalate	18.34	163	580433	2.66	ug/L #	57
21) 2,6-Dinitrotoluene	18.34	165	460624	9.15	ug/L #	27

(#) = qualifier out of range (m) = manual integration
02017.D HP022102.M Wed Feb 27 08:30:34 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB26\02017.D Vial: 5
Acq On : 26 Feb 2002 1:41 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 27 8:30 2002 Quant Results File: HP022102.R

Method : C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
Title : 508 scan method
Last Update : Mon Feb 25 10:47:59 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02017.D Vial: 5
Acq On : 26 Feb 2002 1:41 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
Title : 508 scan method
Smoothing : OFF Filtering: 5
Sampling : 2 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 20
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

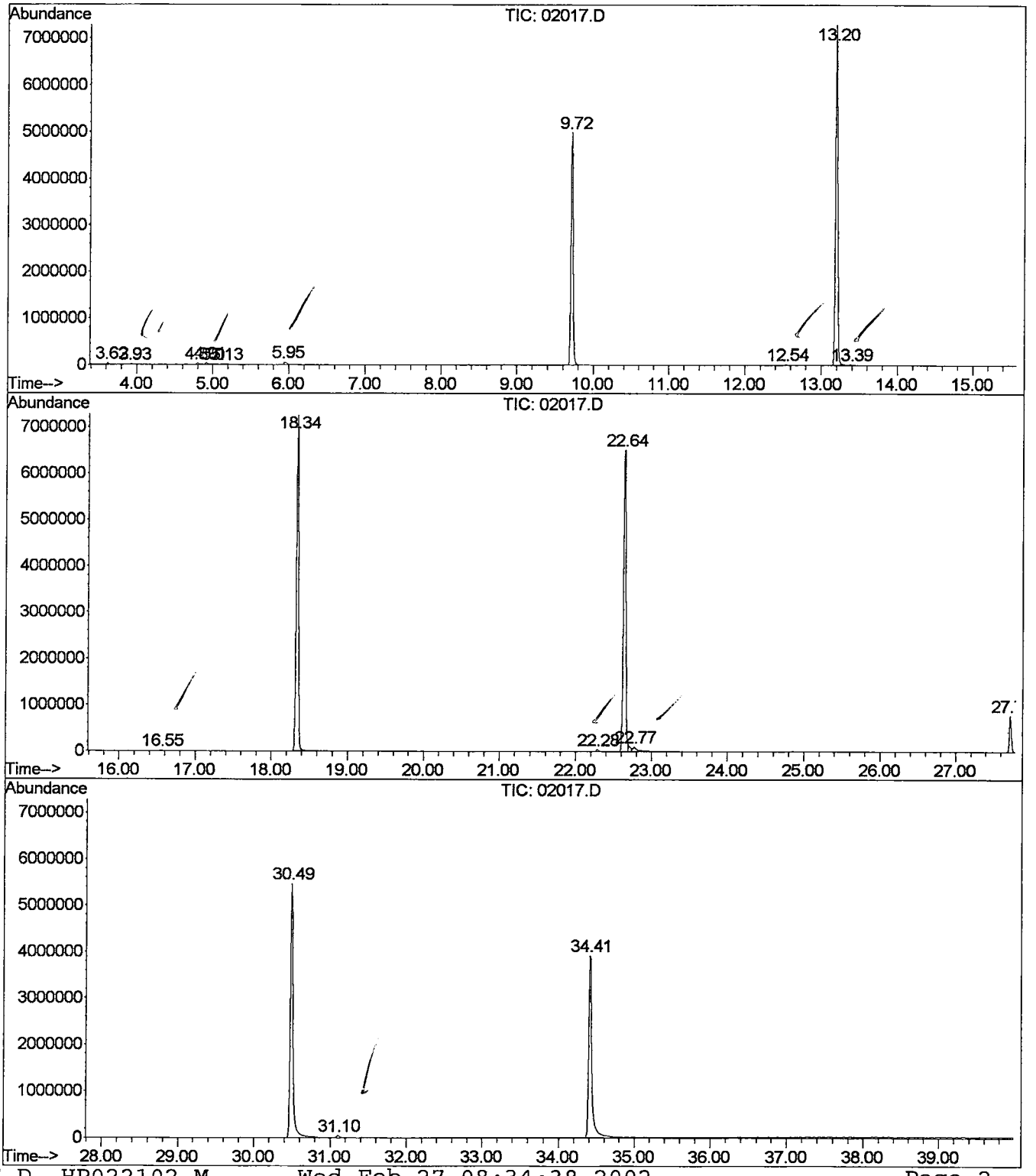
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.622	19	22	27	rVB	32524	49386	0.33%	0.061%
2	3.927	47	49	55	rBV	16173	28437	0.19%	0.035%
3	4.796	123	126	133	rBV	24359	53906	0.36%	0.067%
4	4.909	133	136	143	rVV2	31459	77161	0.52%	0.096%
5	5.011	143	145	151	rVV2	14299	33523	0.22%	0.042%
6	5.135	151	156	165	rVB2	13250	40036	0.27%	0.050%
7	5.948	223	228	247	rVV	50618	143272	0.96%	0.178%
8	9.718	557	562	567	rBV	4983551	9631531	64.31%	11.958%
9	12.540	809	812	817	rVB	10763	23008	0.15%	0.029%
10	13.195	865	870	875	rBV	7284886	13835679	92.39%	17.178%
11	13.387	883	887	895	rVB2	14546	39123	0.26%	0.049%
12	16.548	1163	1167	1173	rBV	12201	21774	0.15%	0.027%
13	18.343	1321	1326	1331	rBV	7240031	14568124	97.28%	18.088%
14	22.283	1671	1675	1681	rVV2	39773	84534	0.56%	0.105%
15	22.644	1701	1707	1711	rBV2	6504106	14975953	100.00%	18.594%
16	22.768	1715	1718	1741	rVB	85990	410957	2.74%	0.510%
17	27.724	2153	2157	2163	rVV	769948	1366384	9.12%	1.696%
18	30.490	2397	2402	2439	rBV2	5464979	13768762	91.94%	17.095%
19	31.099	2453	2456	2471	rVV	46786	136416	0.91%	0.169%
20	34.407	2743	2749	2783	rBV	3904383	11254106	75.15%	13.973%

Sum of corrected areas: 80542072

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02FEB26\02017.D
Operator :
Acquired : 26 Feb 2002 1:41 pm using AcqMethod HP020702
Instrument : Instrumen
Sample Name: 508 scan
Misc Info : February 26, 2002
Vial Number: 5
Quant File :HP022102.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02017.D Vial: 5
Acq On : 26 Feb 2002 1:41 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

****

Peak Number 1 Butanoic acid, methyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.62	0.10 ug/L	49386	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	83
2	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
3	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	78
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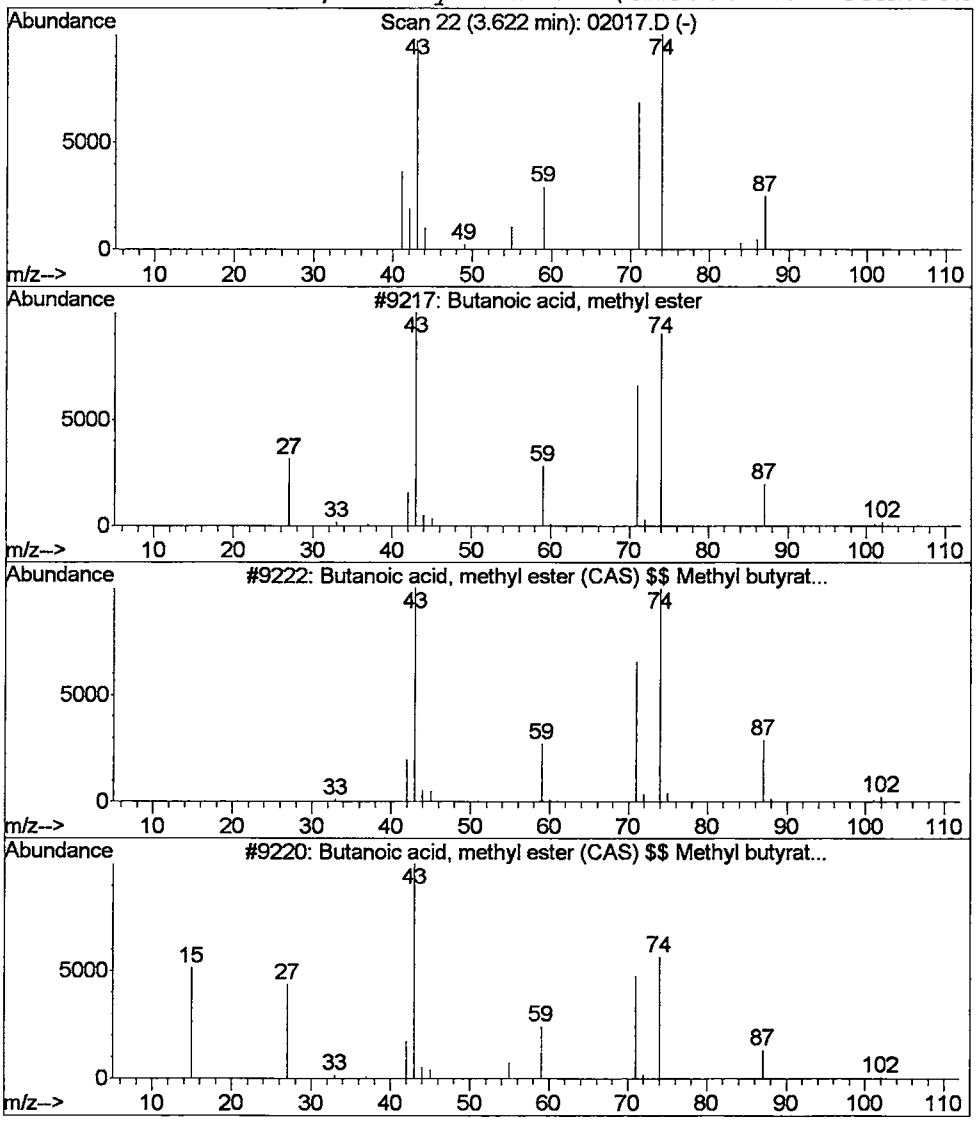

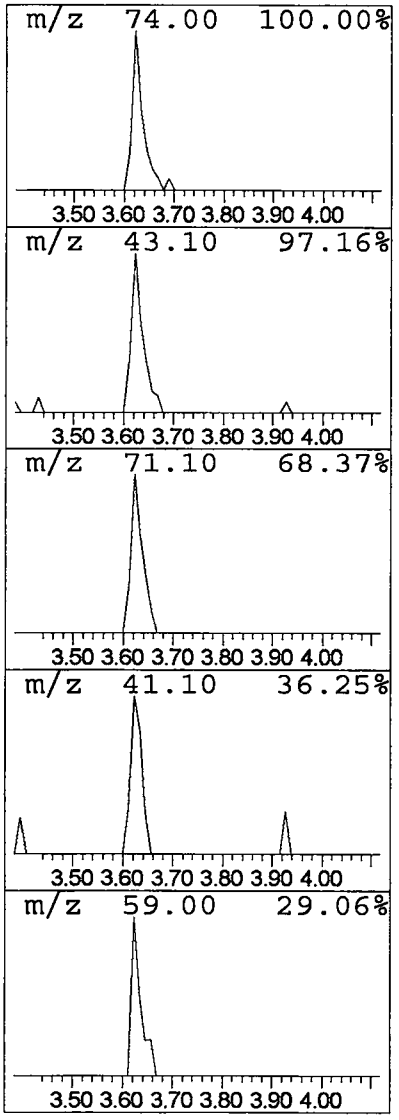

Library Search Compound Report

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Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

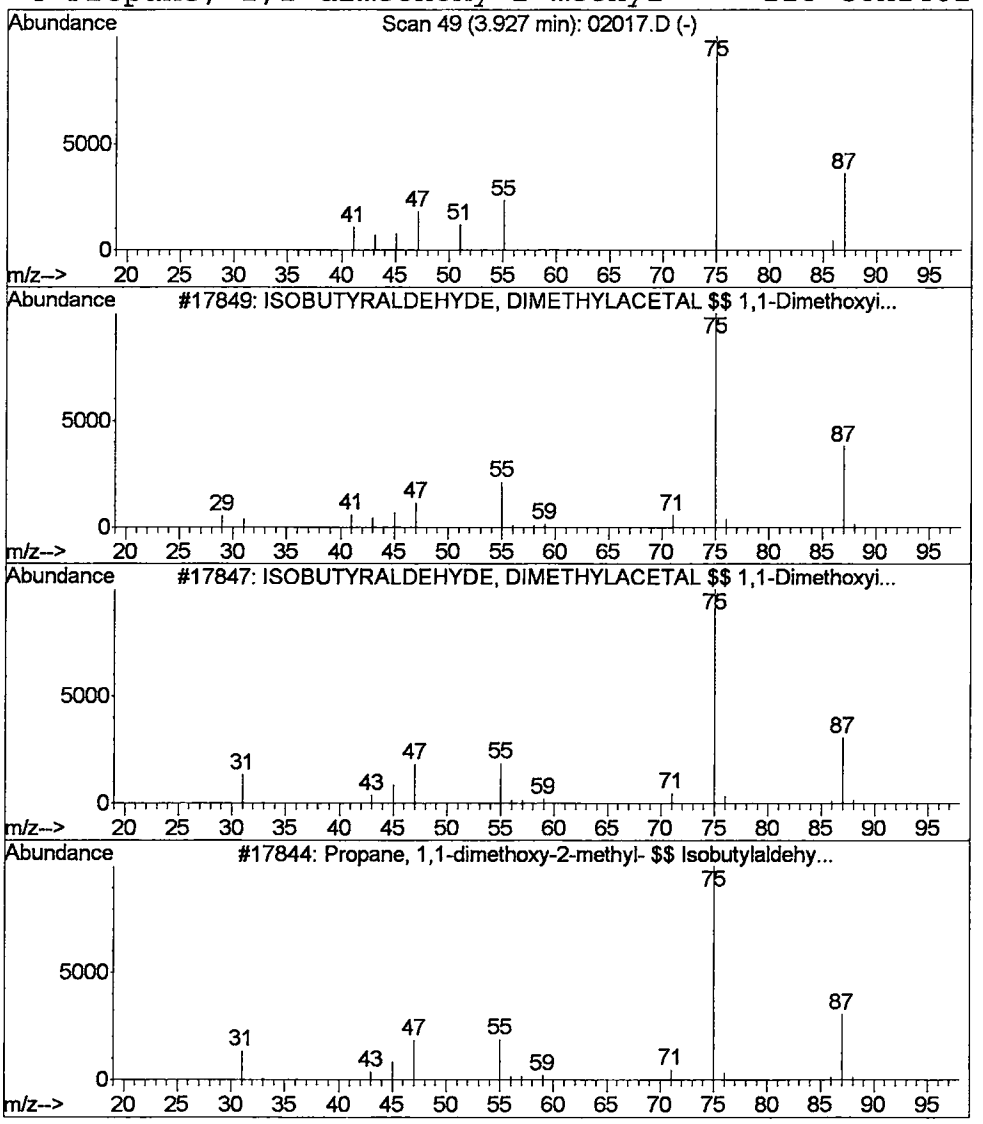
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

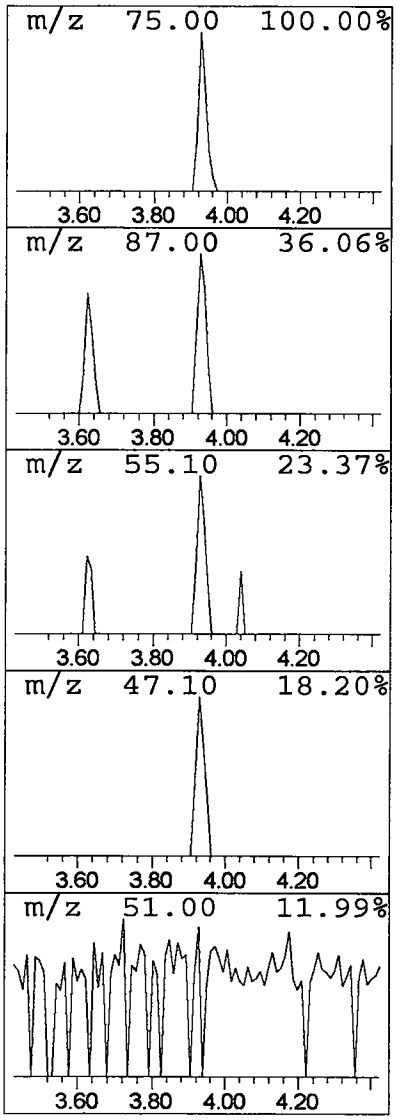
****

Peak Number 2 ISOBUTYRALDEHYDE, DIMETHYLA... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.93	0.06 ug/L	28437	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	72
2	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	64
3	Propane, 1,1-dimethoxy-2-methyl-...	118	C6H14O2	041632-89-7	64
4	Propane, 1,1-dimethoxy-2-methyl-	118	C6H14O2	041632-89-7	9





Library Search Compound Report

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Acq On : 26 Feb 2002 1:41 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

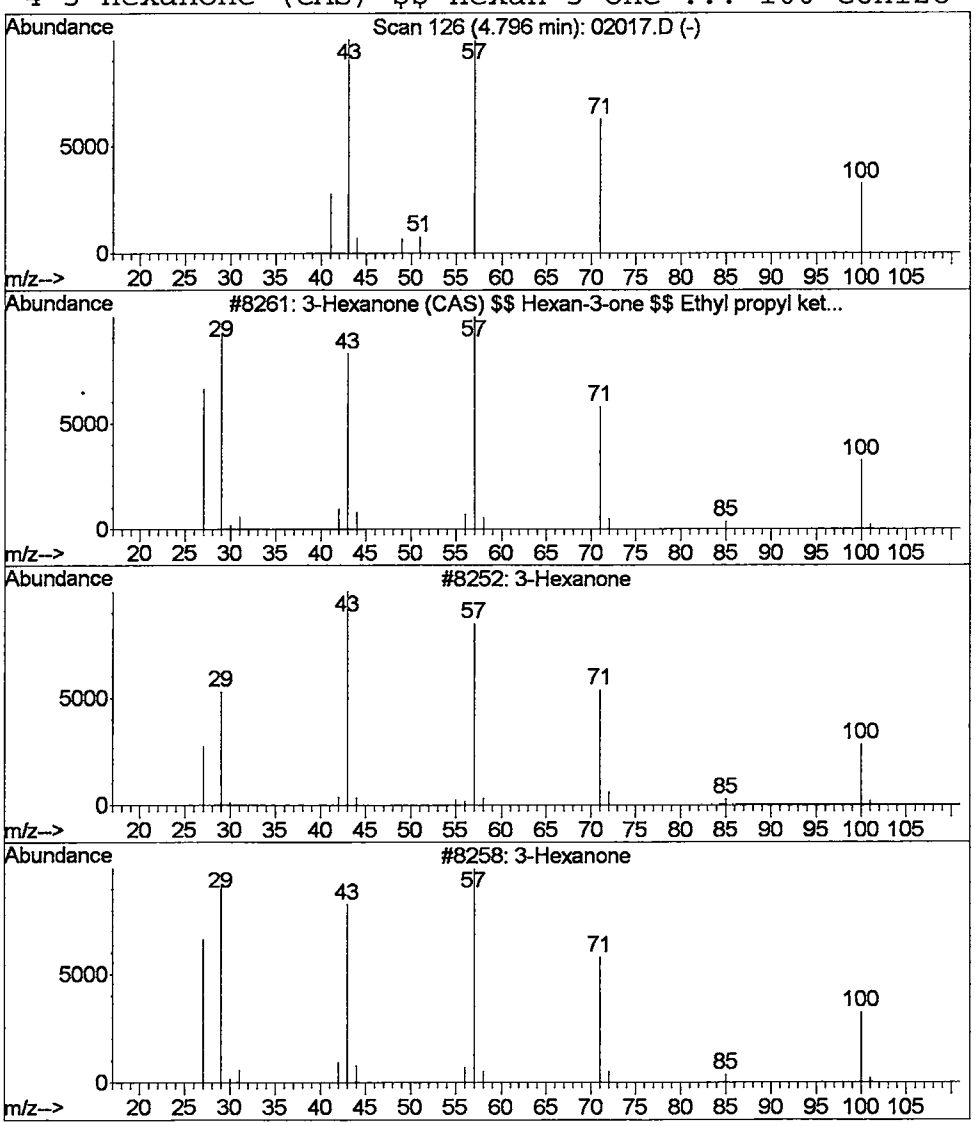
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

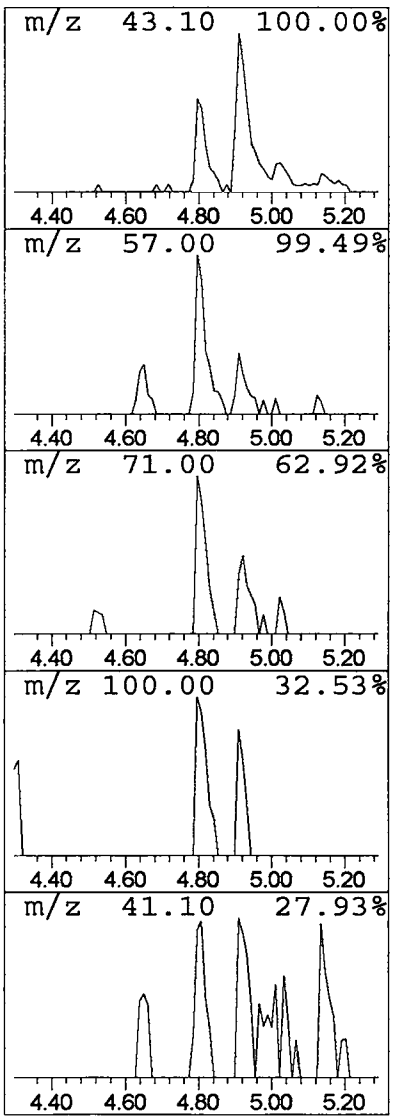
****

Peak Number 3 3-Hexanone (CAS) $$ Hexan-3... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	0.11 ug/L	53906	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone (CAS) $$ Hexan-3-one ...	100	C6H12O	000589-38-8	83
2	3-Hexanone	100	C6H12O	000589-38-8	83
3	3-Hexanone	100	C6H12O	000589-38-8	83
4	3-Hexanone (CAS) $$ Hexan-3-one ...	100	C6H12O	000589-38-8	83





Library Search Compound Report

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Acq On : 26 Feb 2002 1:41 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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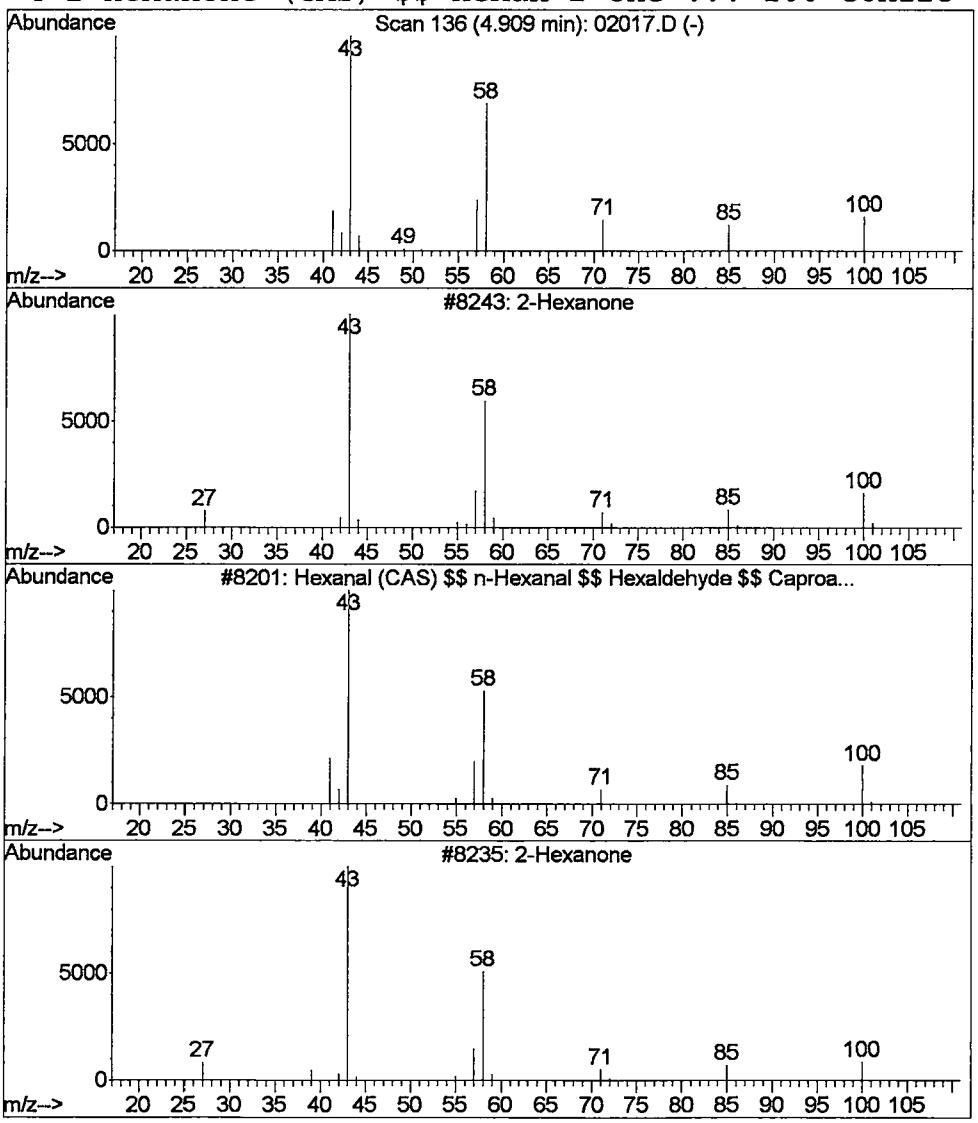
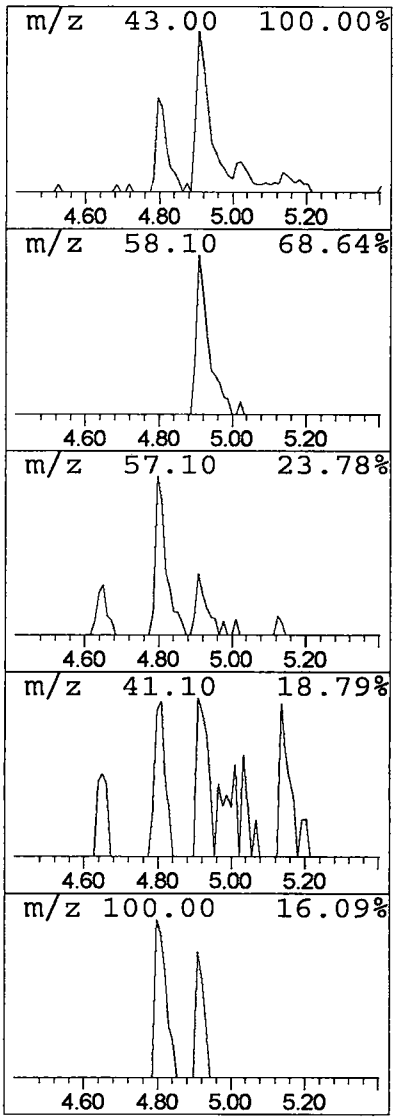
Peak Number 4 2-Hexanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	0.16 ug/L	77161	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone	100	C6H12O	000591-78-6	90
2	Hexanal (CAS) $$ n-Hexanal $$ He...	100	C6H12O	000066-25-1	90
3	2-Hexanone	100	C6H12O	000591-78-6	83
4	2-Hexanone (CAS) $$ Hexan-2-one ...	100	C6H12O	000591-78-6	83





Library Search Compound Report

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Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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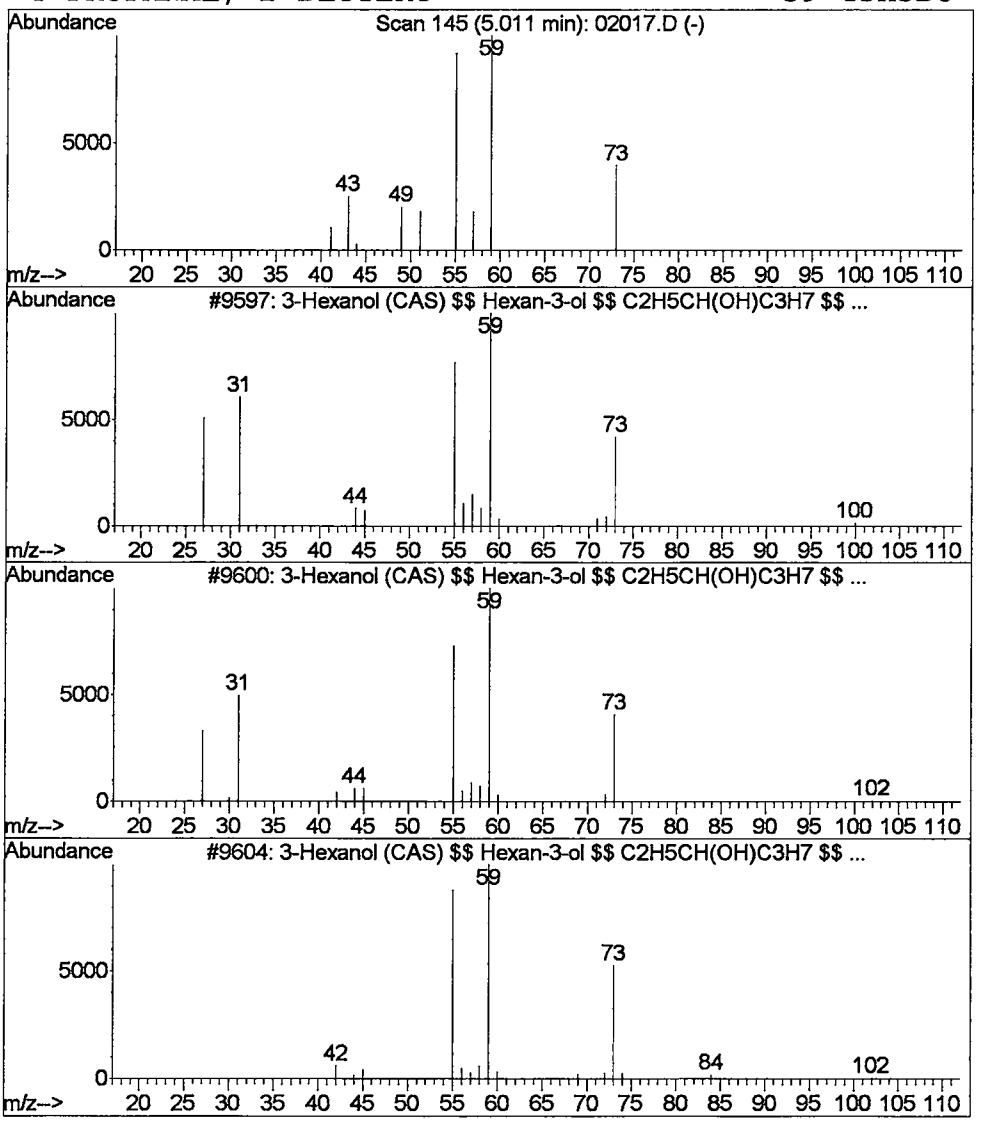
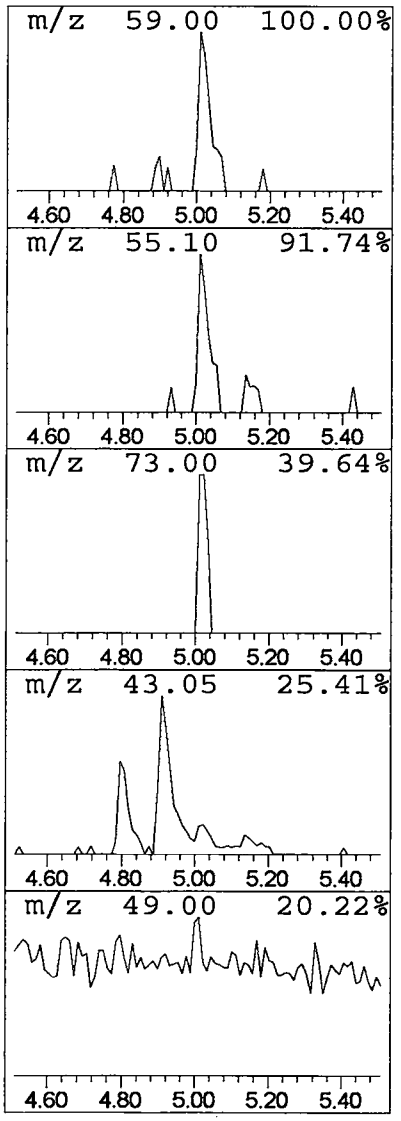
Peak Number 5 3-Hexanol (CAS) $$ Hexan-3-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	0.07 ug/L	33523	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol (CAS) $$ Hexan-3-ol $$...	102	C6H14O	000623-37-0	9
2	3-Hexanol (CAS) $$ Hexan-3-ol $$...	102	C6H14O	000623-37-0	9
3	3-Hexanol (CAS) $$ Hexan-3-ol $$...	102	C6H14O	000623-37-0	9
4	PROPANAL, 2-DEUTERO-	59	C3H5DO	062338-06-1	5





Library Search Compound Report

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Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

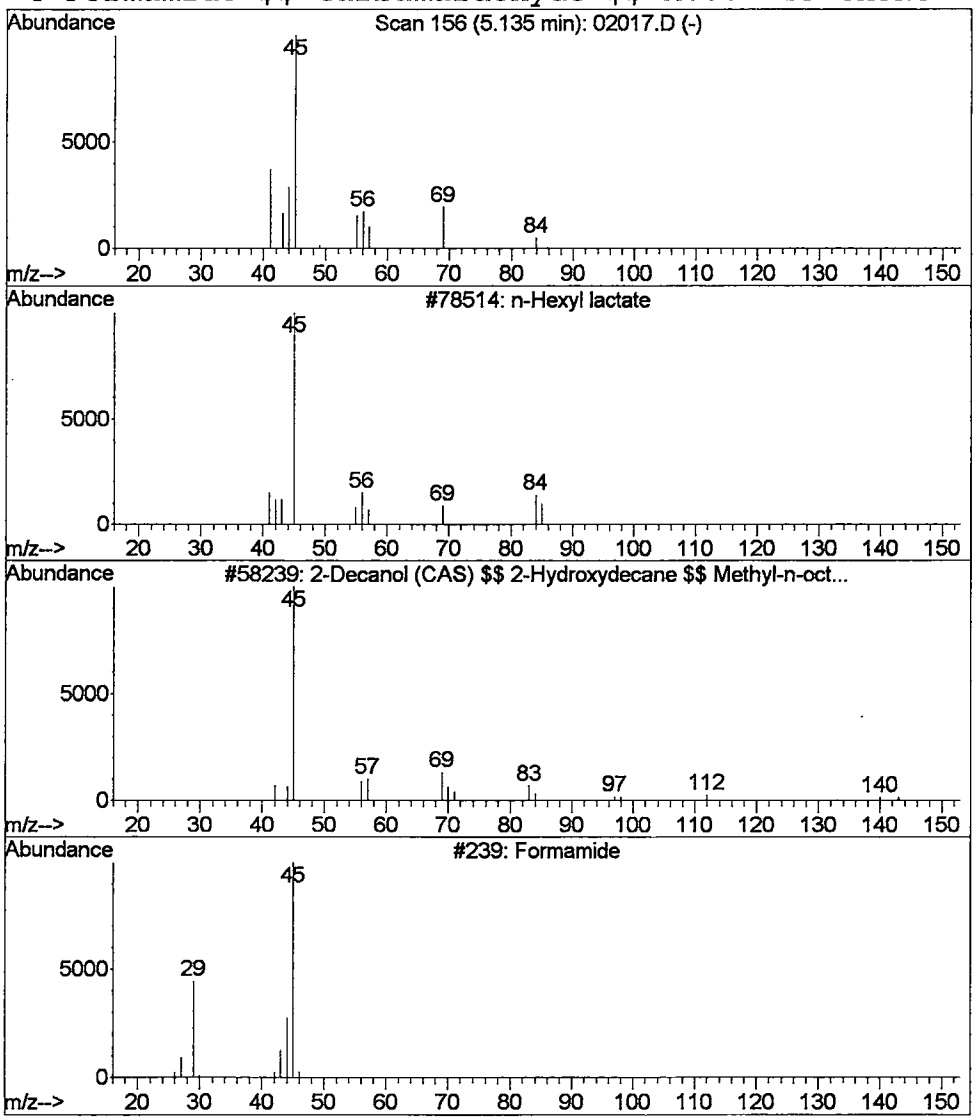
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

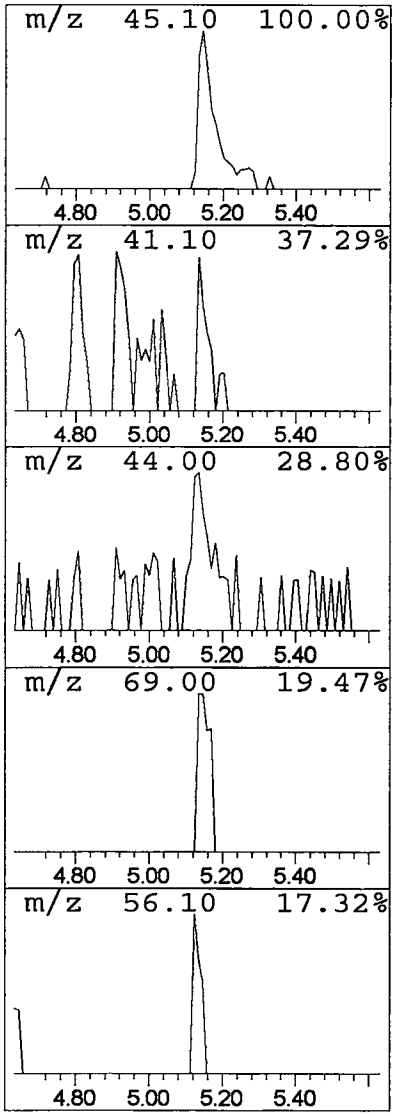
****

Peak Number 6 n-Hexyl lactate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	0.08 ug/L	40036	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexyl lactate	174	C9H18O3	000000-00-0	9
2	2-Decanol (CAS) $$ 2-Hydroxydeca...	158	C10H22O	001120-06-5	9
3	Formamide	45	CH3NO	000075-12-7	5
4	Formamide $$ Carbamaldehyde $$ M...	45	CH3NO	000075-12-7	5





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Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

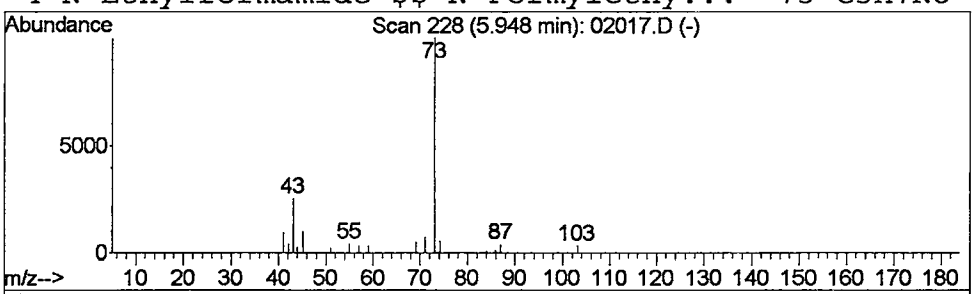
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

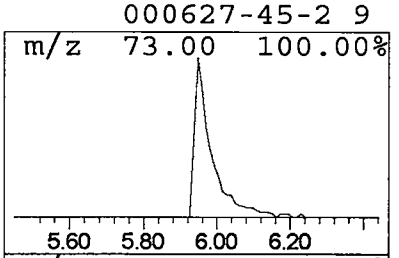
****

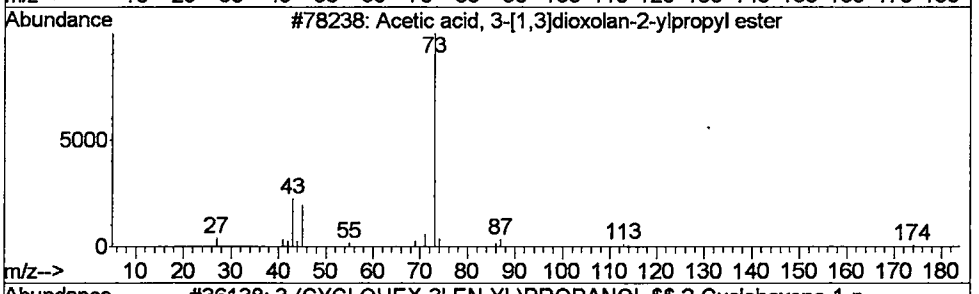
Peak Number 7 Acetic acid, 3-[1,3]dioxola... Concentration Rank 2

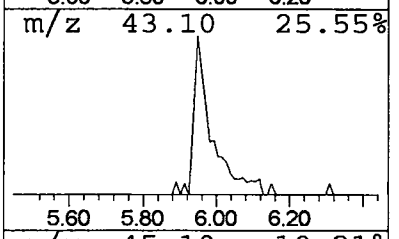
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	0.30 ug/L	143272	1,4-Dichlorobenzene-d4	9.72

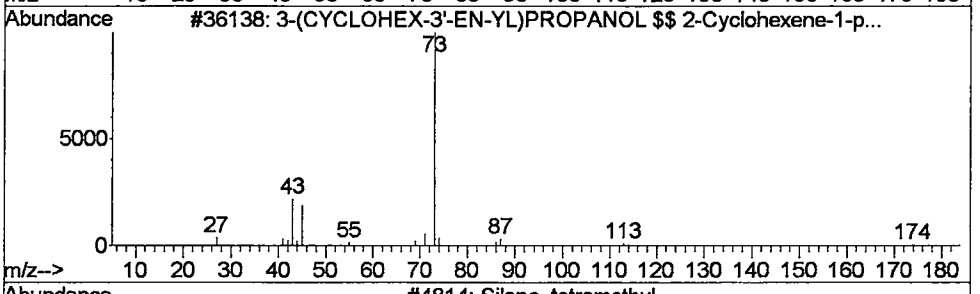
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	38
2	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	38
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	28
4	N-Ethylformamide $$ N-Formylethy...	73	C3H7NO	000627-45-2	9

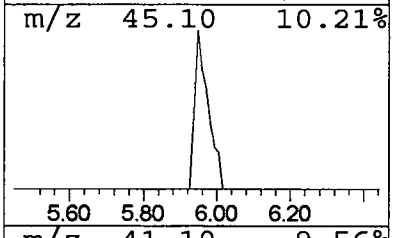


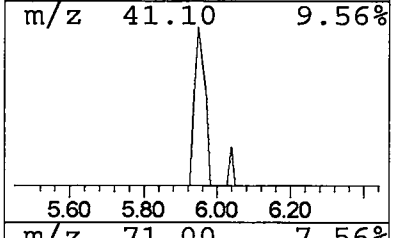


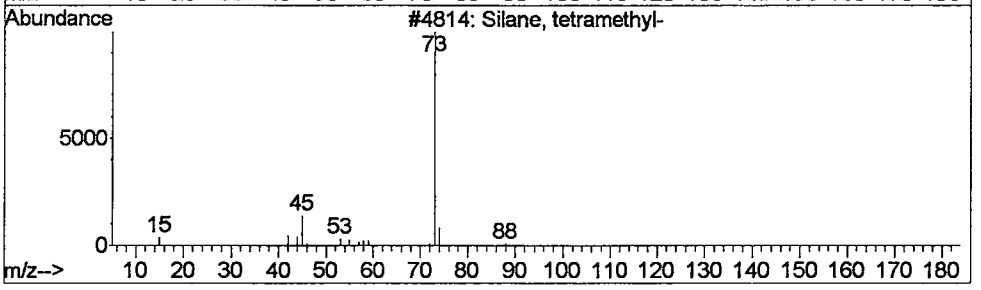


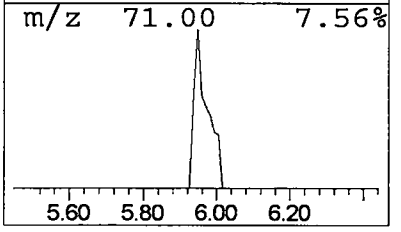












Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02017.D Vial: 5
Acq On : 26 Feb 2002 1:41 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

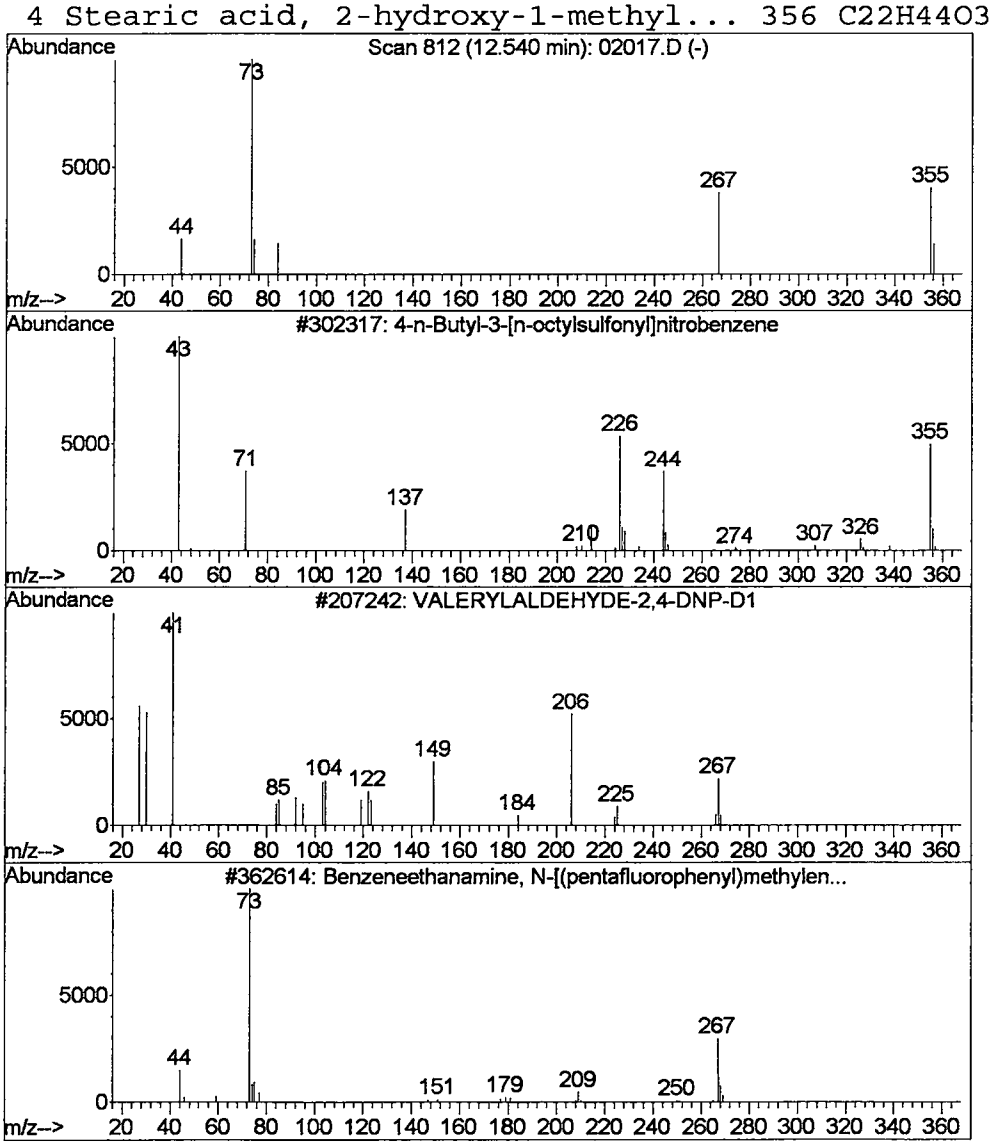
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

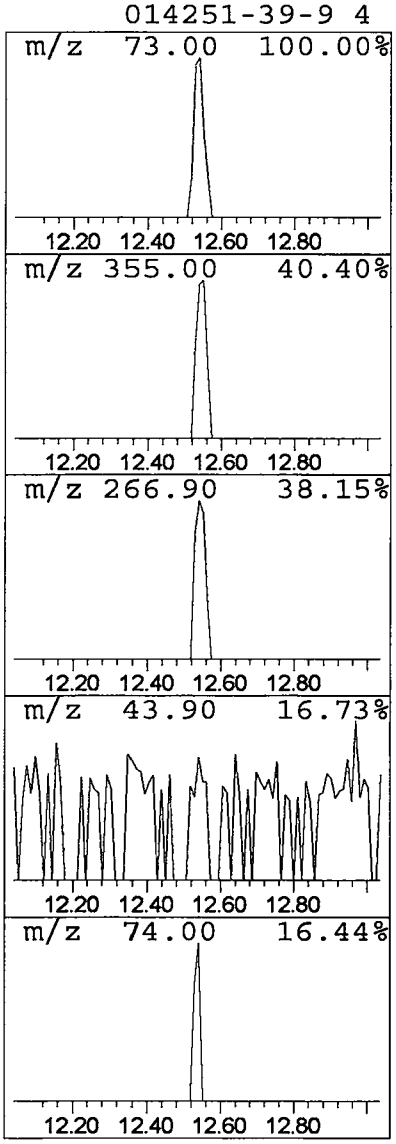
****

Peak Number 8 4-n-Butyl-3-[n-octylsulfony... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	0.03 ug/L	23008	Naphthalene-d8	13.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-n-Butyl-3-[n-octylsulfonyl]nit...	355	C18H29NO4S	000000-00-0	4
2	VALERYLALDEHYDE-2,4-DNP-D1	267	C11H13DN4O4	027820-00-4	4
3	Benzeneethanamine, N-[(pentafluo...	475	C21H26F5NO2Si2	055429-85-1	4
4	Stearic acid, 2-hydroxy-1-methyl...	356	C22H44O3	014251-39-9	4





Library Search Compound Report

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Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
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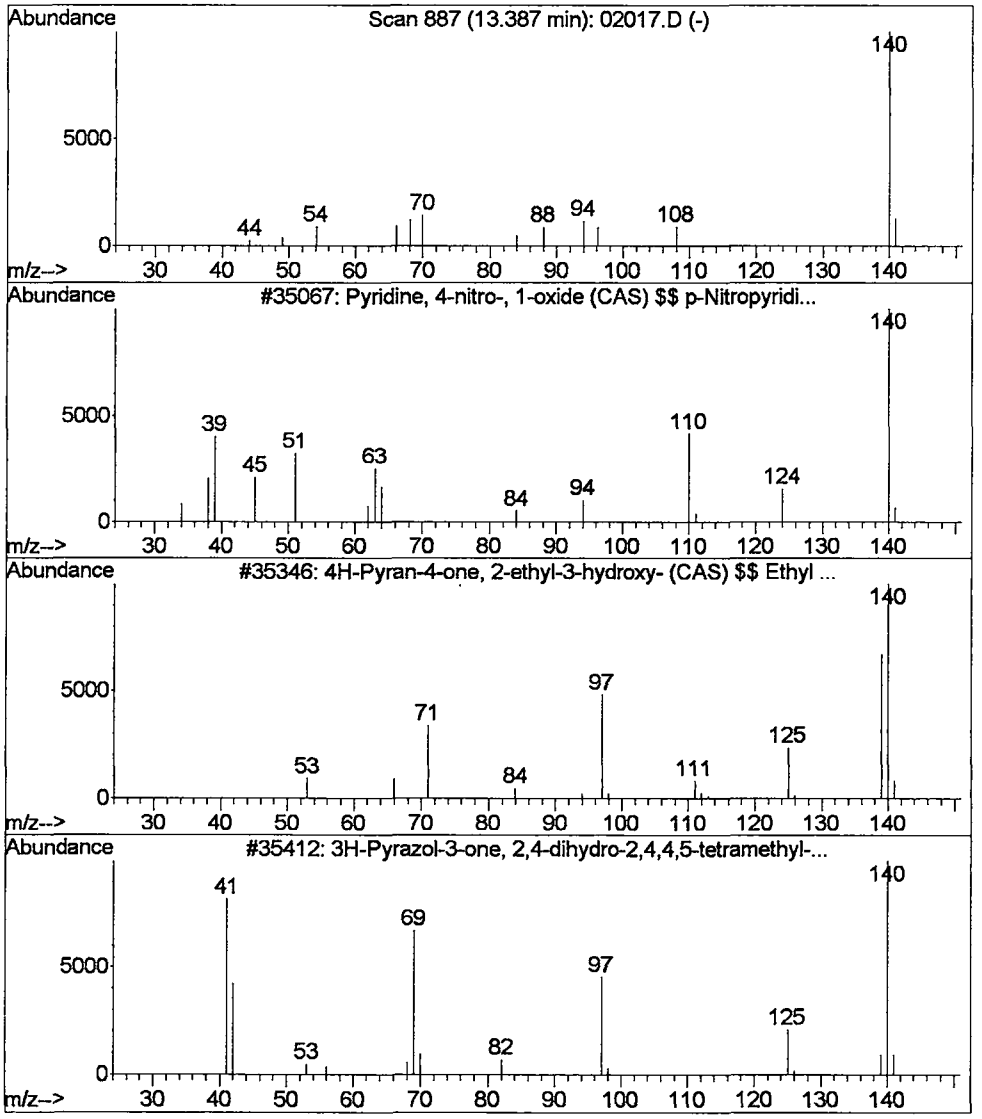
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

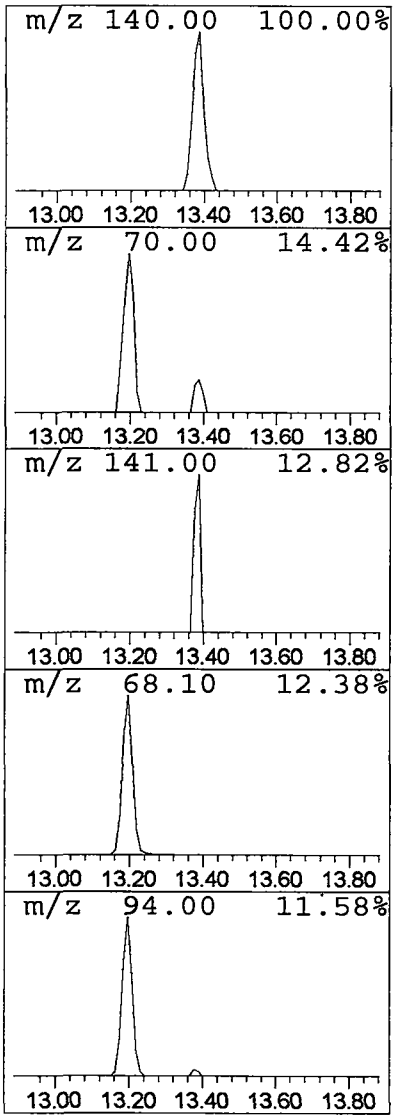
****

Peak Number 9 Pyridine, 4-nitro-, 1-oxide... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	0.06 ug/L	39123	Naphthalene-d8	13.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 4-nitro-, 1-oxide (CAS...	140	C5H4N2O3	001124-33-0	45
2	4H-Pyran-4-one, 2-ethyl-3-hydrox...	140	C7H8O3	004940-11-8	45
3	3H-Pyrazol-3-one, 2,4-dihydro-2,...	140	C7H12N2O	003201-25-0	42
4	2-Fluoronicotinamide	140	C6H5FN2O	000364-22-7	42





Library Search Compound Report

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Acq On : 26 Feb 2002 1:41 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
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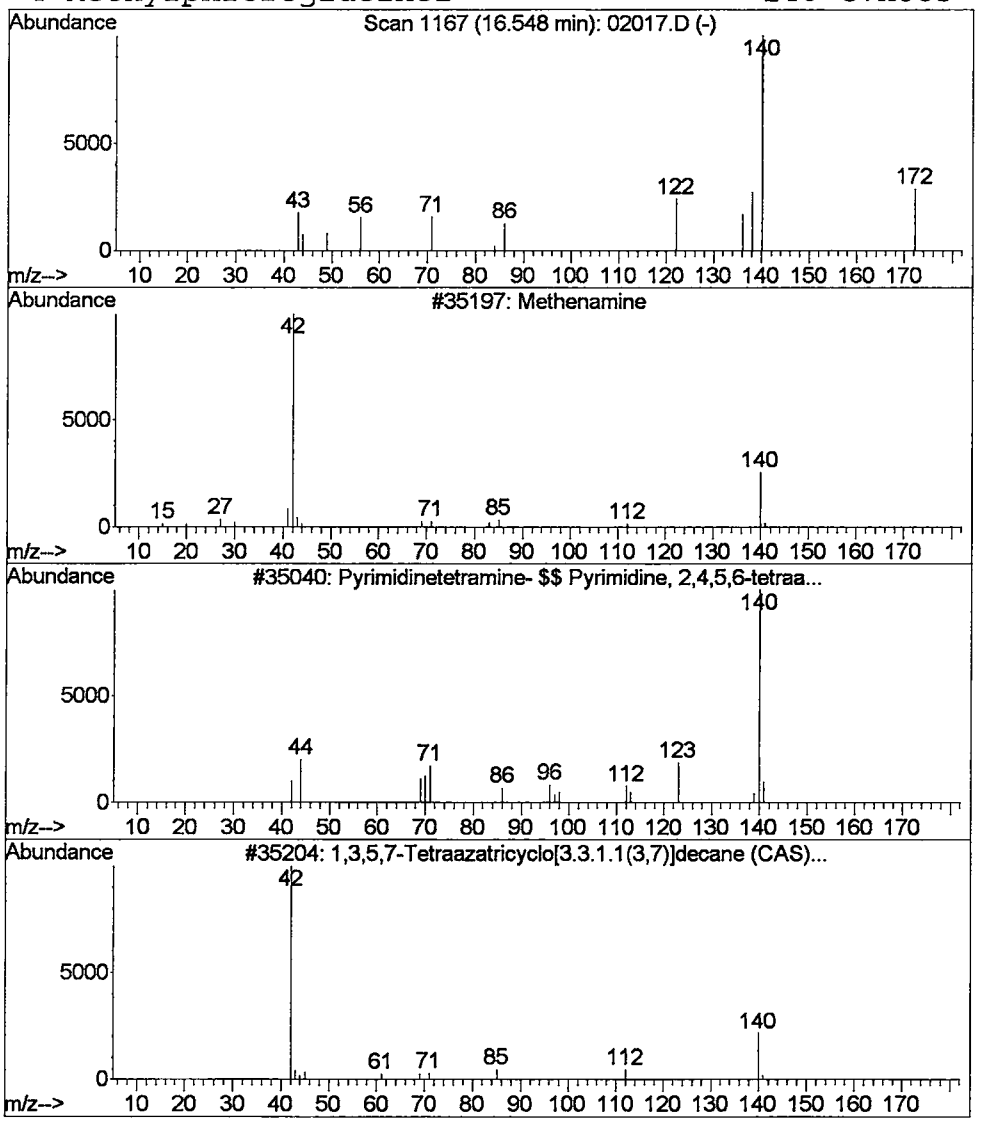
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

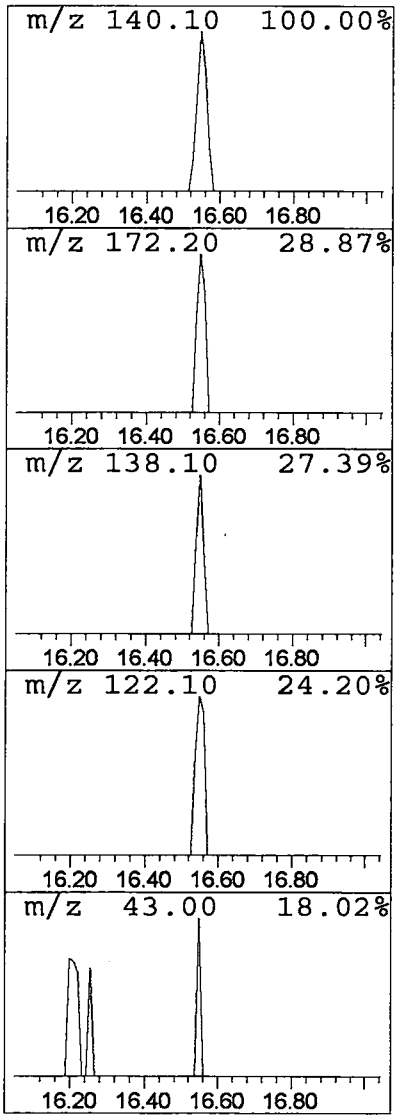
****

Peak Number 10 Methenamine Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	0.03 ug/L	21774	Acenaphthene-d10	18.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methenamine	140	C6H12N4	000100-97-0	7
2	Pyrimidinetetramine- $$ Pyrimidi...	140	C4H8N6	001004-74-6	7
3	1,3,5,7-Tetraazatricyclo[3.3.1.1...	140	C6H12N4	000100-97-0	7
4	Methylphloroglucinol	140	C7H8O3	000000-00-0	5





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Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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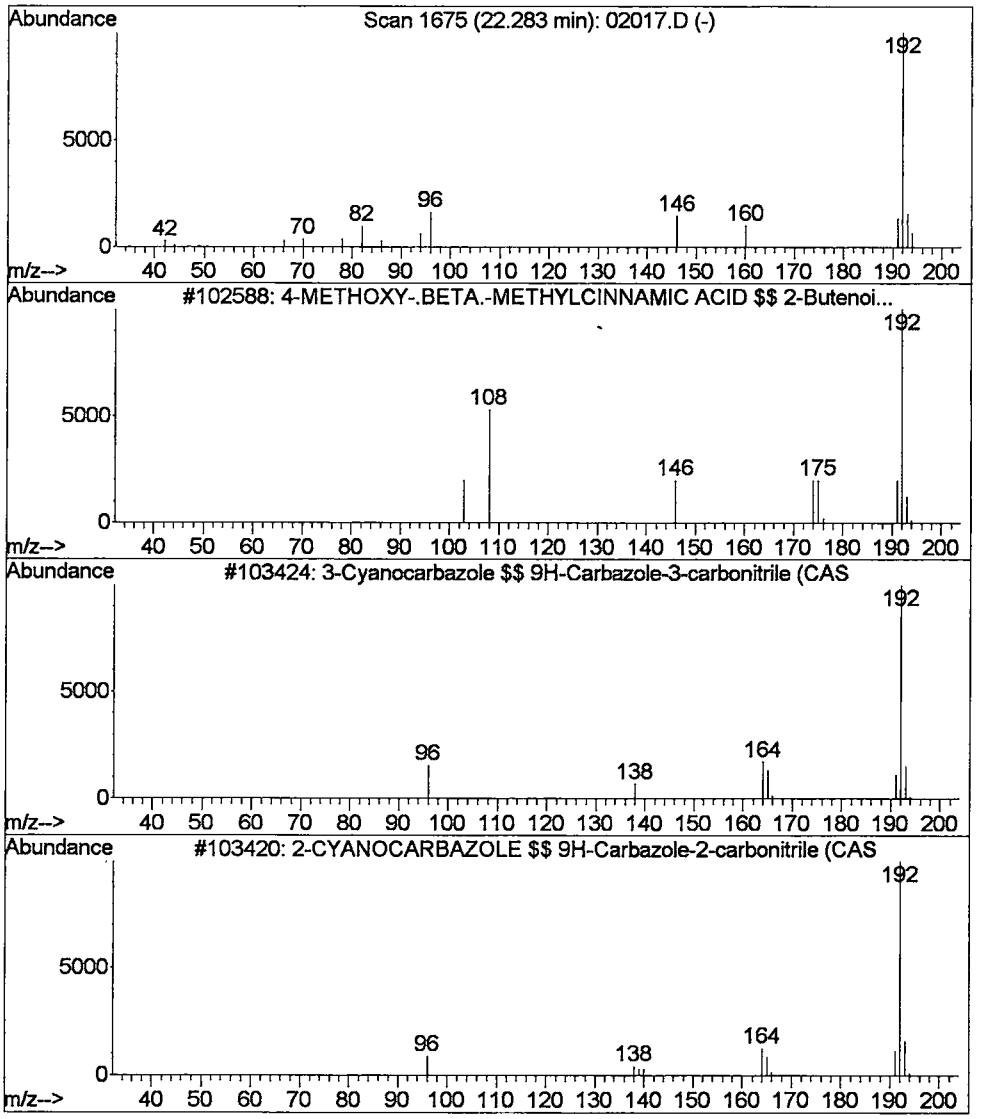
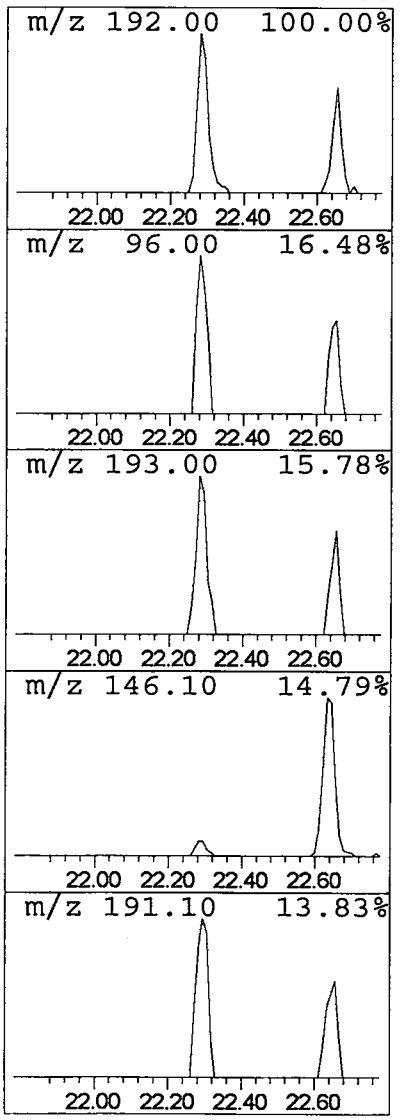
Peak Number 11 4-METHOXY-.BETA.-METHYLCINN... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.11 ug/L	84534	Phenanthrene-d10	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-METHOXY-.BETA.-METHYLCINNAMIC ...	192	C11H12O3	019169-94-9	72
2	3-Cyanocarbazole $$ 9H-Carbazole...	192	C13H8N2	057102-93-9	72
3	2-CYANOCARBAZOLE $$ 9H-Carbazole...	192	C13H8N2	057955-18-7	72
4	Bitoscanate	192	C8H4N2S2	004044-65-9	53





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02017.D Vial: 5
Acq On : 26 Feb 2002 1:41 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

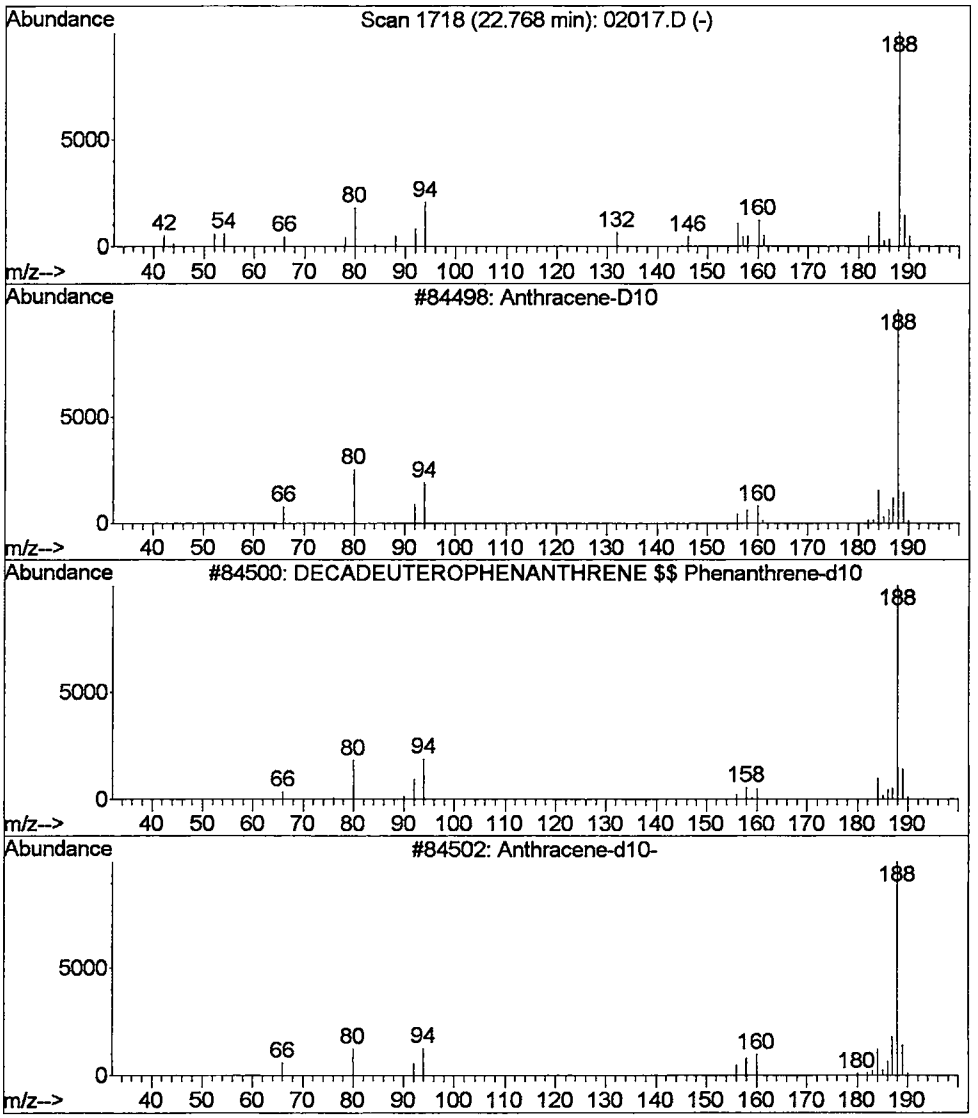
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

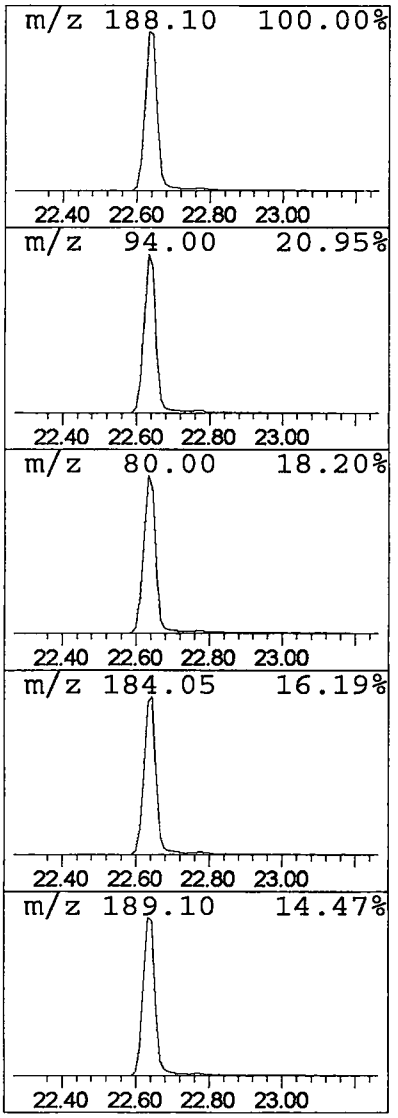
****

Peak Number 12 Anthracene-D10 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.55 ug/L	410957	Phenanthrene-d10	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-D10	188	C14D10	000000-00-0	87
2	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	83
3	Anthracene-d10-	188	C14D10	001719-06-8	80
4	Phenanthrene-d10	188	C14D10	001517-22-2	78





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02017.D Vial: 5
Acq On : 26 Feb 2002 1:41 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

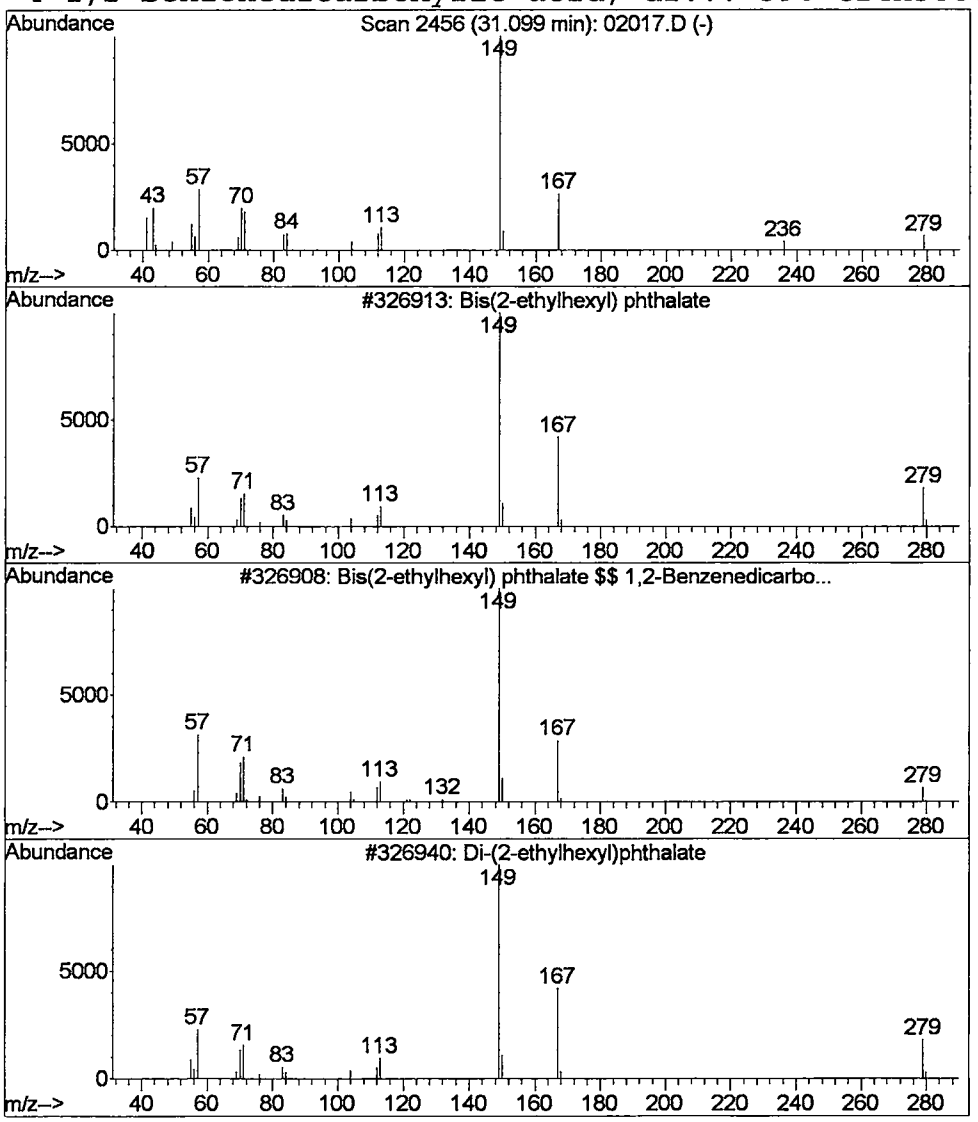
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

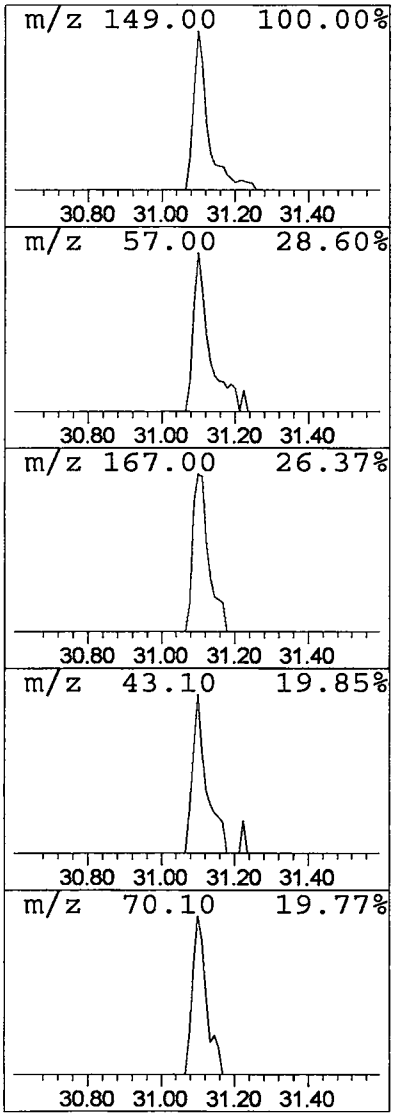
****

Peak Number 13 Bis(2-ethylhexyl) phthalate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.10	0.20 ug/L	136416	Chrysene-d12	30.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	86
2	Bis(2-ethylhexyl) phthalate $$ 1...	390	C24H38O4	000117-81-7	86
3	Di-(2-ethylhexyl)phthalate	390	C24H38O4	000117-81-7	86
4	1,2-Benzenedicarboxylic acid, di...	390	C24H38O4	027554-26-3	86





Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 26 Feb 2002 1:41 pm
Data File: C:\MSDCHEM\1\5973N\02FEB26\02017.D
Name: 508 scan
Misc: February 26, 2002
Method: C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
Title: 508 scan method
Library Searched: C:\DATABASE\WILEY7N.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
Butanoic acid, me...	3.62	0.1	ug/L	49386	1	9.72	9631530	20.0
ISOBUTYRALDEHYDE,...	3.93	0.1	ug/L	28437	1	9.72	9631530	20.0
3-Hexanone (CAS) ...	4.80	0.1	ug/L	53906	1	9.72	9631530	20.0
2-Hexanone	4.91	0.2	ug/L	77161	1	9.72	9631530	20.0
3-Hexanol (CAS) $...	5.01	0.1	ug/L	33523	1	9.72	9631530	20.0
n-Hexyl lactate	5.13	0.1	ug/L	40036	1	9.72	9631530	20.0
Acetic acid, 3-[1...	5.95	0.3	ug/L	143272	1	9.72	9631530	20.0
4-n-Butyl-3-[n-oc...	12.54	0.0	ug/L	23008	2	13.20	13835700	20.0
Pyridine, 4-nitro...	13.39	0.1	ug/L	39123	2	13.20	13835700	20.0
Methenamine	16.55	0.0	ug/L	21774	3	18.34	14568100	20.0
4-METHOXY-.BETA.-...	22.28	0.1	ug/L	84534	4	22.63	14976000	20.0
Anthracene-D10	22.77	0.5	ug/L	410957	4	22.63	14976000	20.0
Bis(2-ethylhexyl)...	31.10	0.2	ug/L	136416	5	30.49	13768800	20.0

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/01/2002 Time: 15:40:42

Sample: AE02084
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/1/02 15:40 Ended: 3/1/02 15:40 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		71		5.0

FB n/A not seen before

Lauramide dodecanamide 83/100
1120-16-7 .09 mg/L \ cosmetic

Cat Left
1/26/02 by Wagner

Data, ms

DV 3/1/2

Comments for Sample AE02084 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-01-2002 Time: 15:41:54

The GCMS scan, from 35 to 550 amu, reveals the presence of Lauramide dodecanamide at an estimated level of 0.09 ug/L and with a fit of 83 out of 100. The recoveries for 23 of the 43 compounds in the LCS Standard were above their acceptance ranges.

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB26\02084.D Vial: 1
Acq On : 26 Feb 2002 2:44 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 27 08:30:35 2002 Quant Results File: HP022102.RES

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Last Update : Mon Feb 25 10:47:59 2002
Response via : Initial Calibration
DataAcq Meth : HP020702

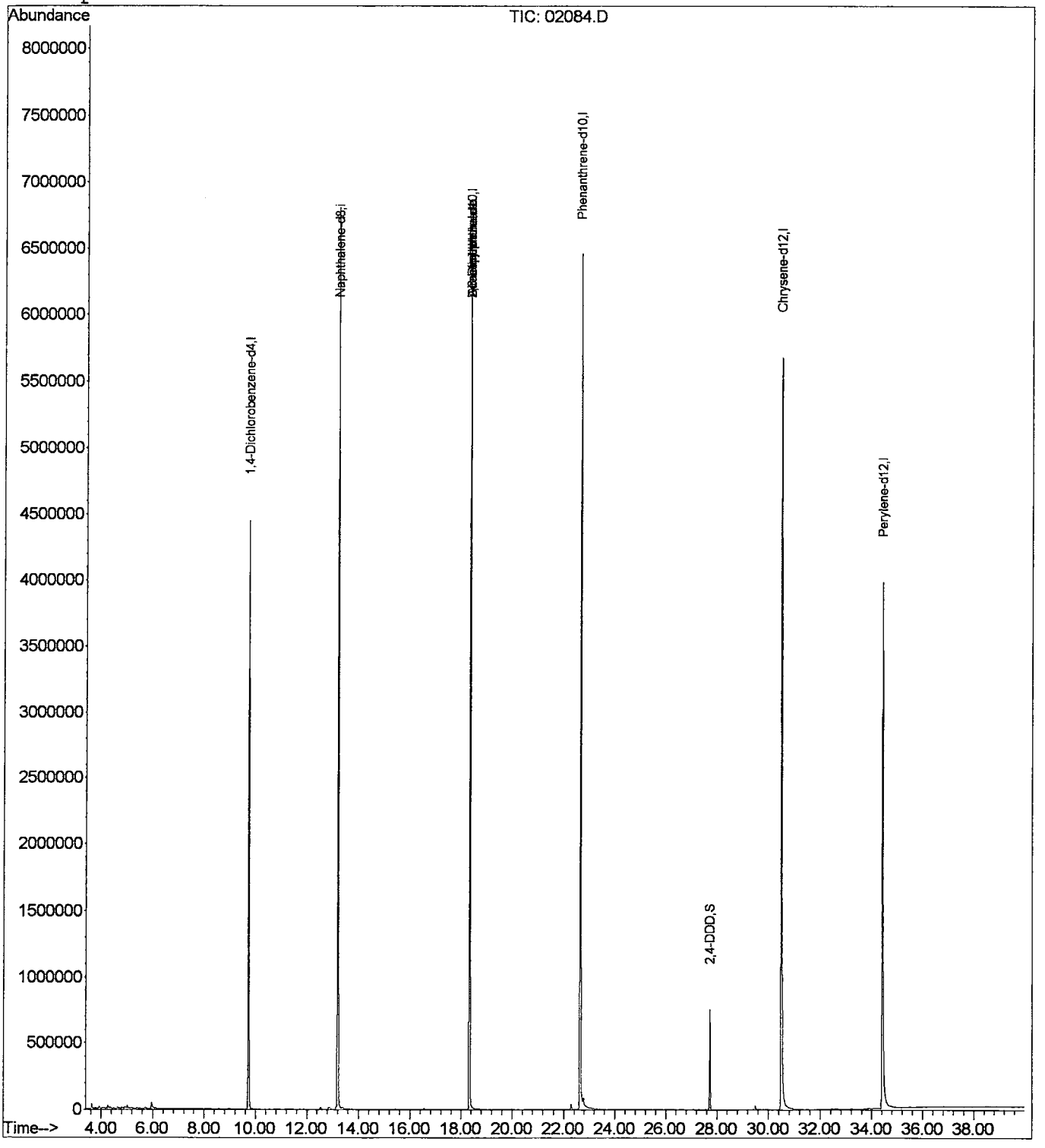
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.72	152	1596145	20.00	ug/L	0.00
10) Naphthalene-d8	13.20	136	6890378	20.00	ug/L	0.00
17) Acenaphthene-d10	18.34	164	3460576	20.00	ug/L	0.00
29) Phenanthrene-d10	22.63	188	5972827	20.00	ug/L	-0.01
38) Chrysene-d12	30.49	240	4728739	20.00	ug/L	-0.03
44) Perylene-d12	34.42	264	3294948	20.00	ug/L	-0.03
System Monitoring Compounds						
37) 2,4-DDD	27.72	235	283756	3.56	ug/L	0.00
Spiked Amount 5.000			Recovery = 71.20%			
Target Compounds						Qvalue
20) Dimethylphthalate	18.34	163	560734	2.67	ug/L #	58
21) 2,6-Dinitrotoluene	18.34	165	437942	9.03	ug/L #	27

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB26\02084.D Vial: 1
Acq On : 26 Feb 2002 2:44 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 27 8:30 2002 Quant Results File: HP022102.R

Method : C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
Title : 508 scan method
Last Update : Mon Feb 25 10:47:59 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02084.D Vial: 1
Acq On : 26 Feb 2002 2:44 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
Title : 508 scan method
Smoothing : OFF Filtering: 5
Sampling : 2 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 20
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

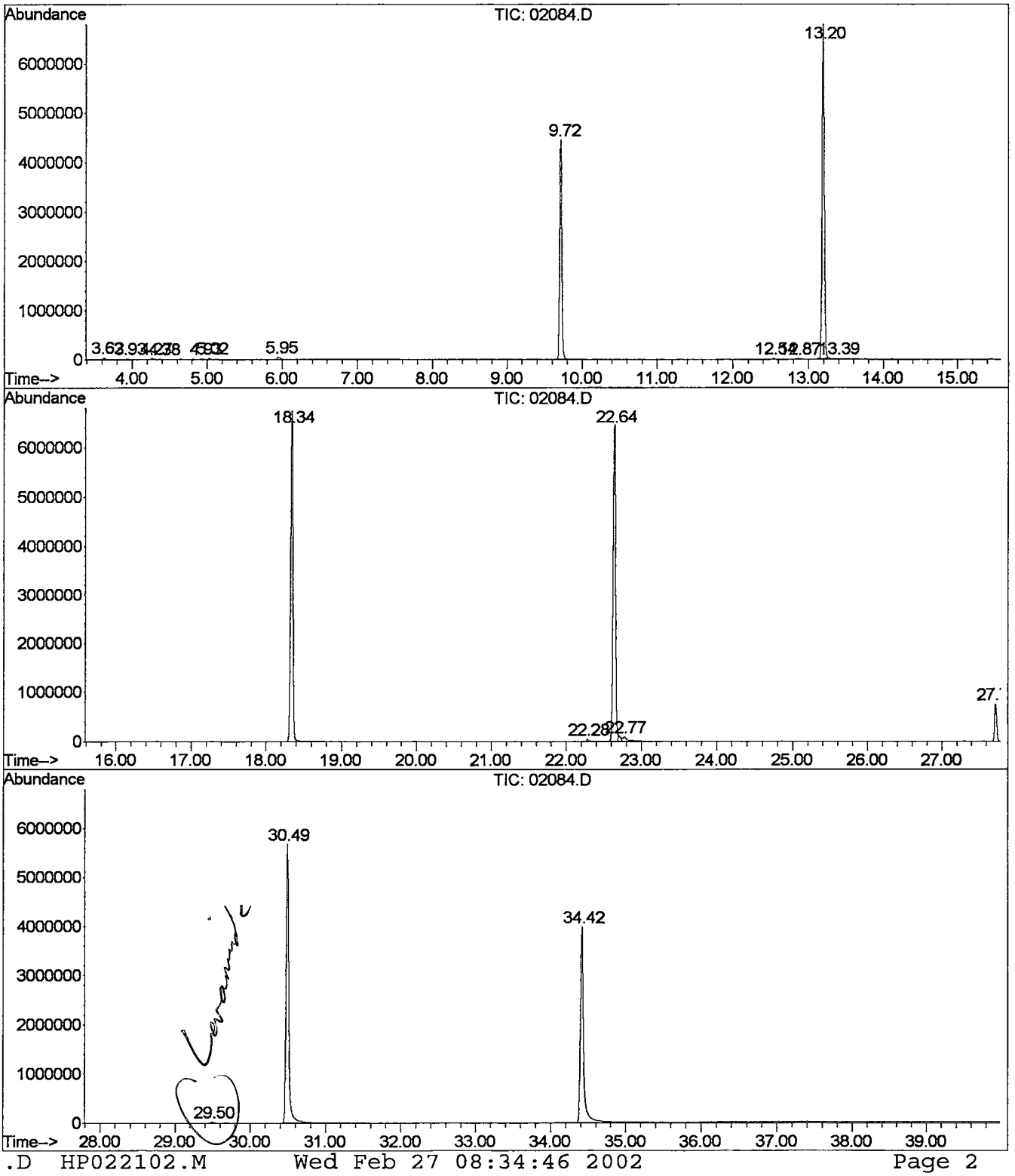
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.622	19	22	29	rBV	37478	64955	0.44%	0.083%
2	3.927	47	49	53	rVB	16669	31611	0.21%	0.040%
3	4.266	77	79	85	rBV	20162	45970	0.31%	0.059%
4	4.379	85	89	97	rVB4	9027	21564	0.15%	0.027%
5	4.932	135	138	143	rBV5	10897	28145	0.19%	0.036%
6	5.022	143	146	149	rBV	21004	30222	0.20%	0.039%
7	5.948	223	228	249	rVB	48120	142840	0.96%	0.182%
8	9.718	557	562	567	rBV	4446112	8869019	59.89%	11.304%
9	12.541	809	812	815	rVB	15978	27204	0.18%	0.035%
10	12.868	835	841	847	rBV3	13047	53082	0.36%	0.068%
11	13.195	865	870	875	rBV	6785056	12904018	87.14%	16.447%
12	13.387	883	887	891	rVB2	14453	30954	0.21%	0.039%
13	18.343	1319	1326	1331	rBV	6749662	14201238	95.90%	18.101%
14	22.283	1671	1675	1681	rVB	43562	85739	0.58%	0.109%
15	22.644	1701	1707	1711	rBV2	6457444	14808049	100.00%	18.874%
16	22.768	1715	1718	1741	rVB	83493	413129	2.79%	0.527%
17	27.724	2153	2157	2163	rVV	754477	1375538	9.29%	1.753%
18	29.496	2309	2314	2321	rVB	26180	60709	0.41%	0.077%
19	30.490	2397	2402	2447	rBV2	5673316	13995148	94.51%	17.838%
20	34.418	2743	2750	2785	rBV	3974319	11267423	76.09%	14.361%

Sum of corrected areas: 78456557

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02FEB26\02084.D
Operator :
Acquired : 26 Feb 2002 2:44 pm using AcqMethod HP020702
Instrument : Instrumen
Sample Name: 508 scan
Misc Info : February 26, 2002
Vial Number: 1
Quant File :HP022102.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02084.D Vial: 1
Acq On : 26 Feb 2002 2:44 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

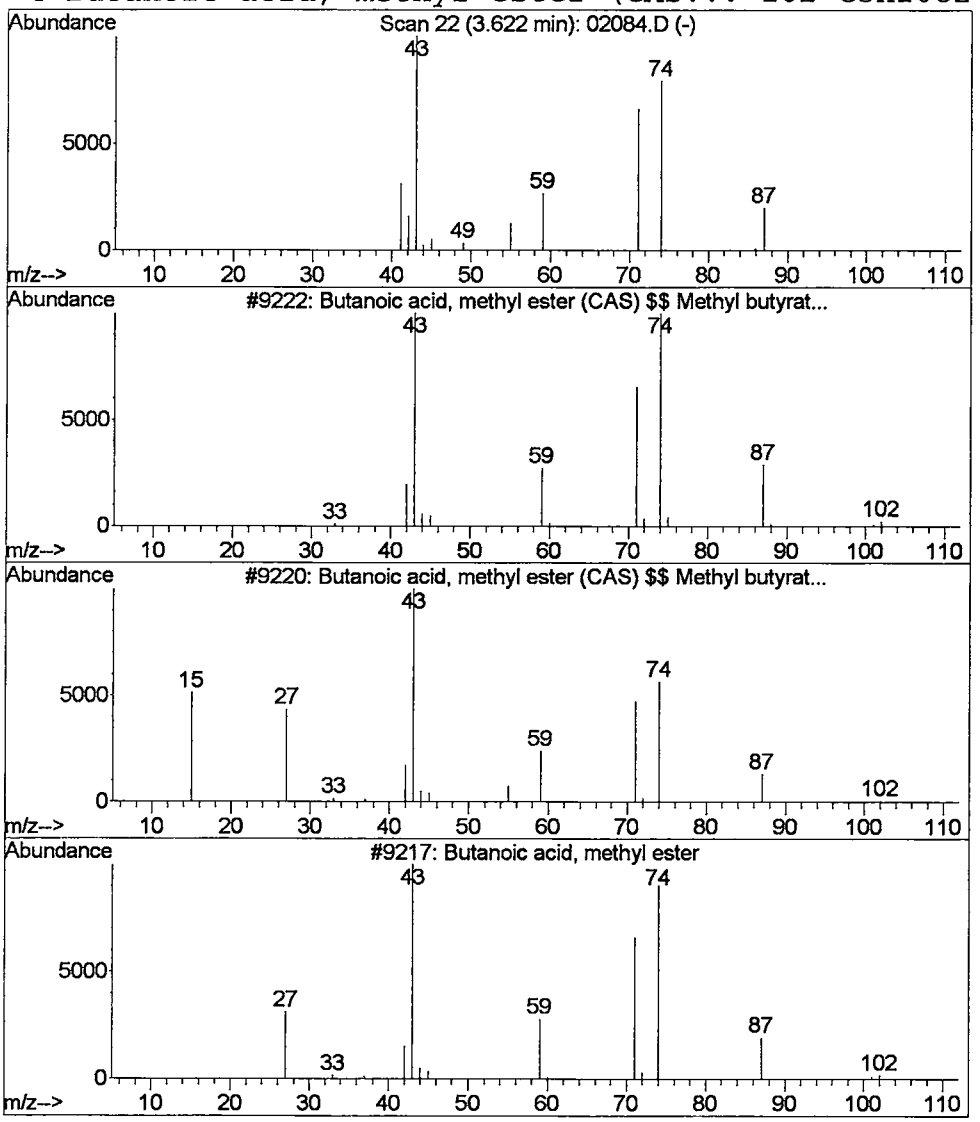
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

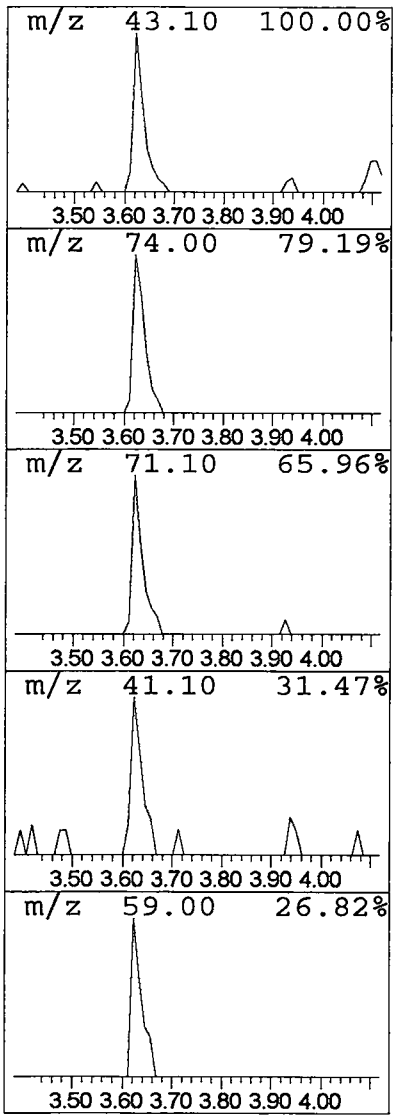
****

Peak Number 1 Butanoic acid, methyl ester... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.62	0.15 ug/L	64955	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
2	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
3	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	83
4	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	78





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02084.D Vial: 1
Acq On : 26 Feb 2002 2:44 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

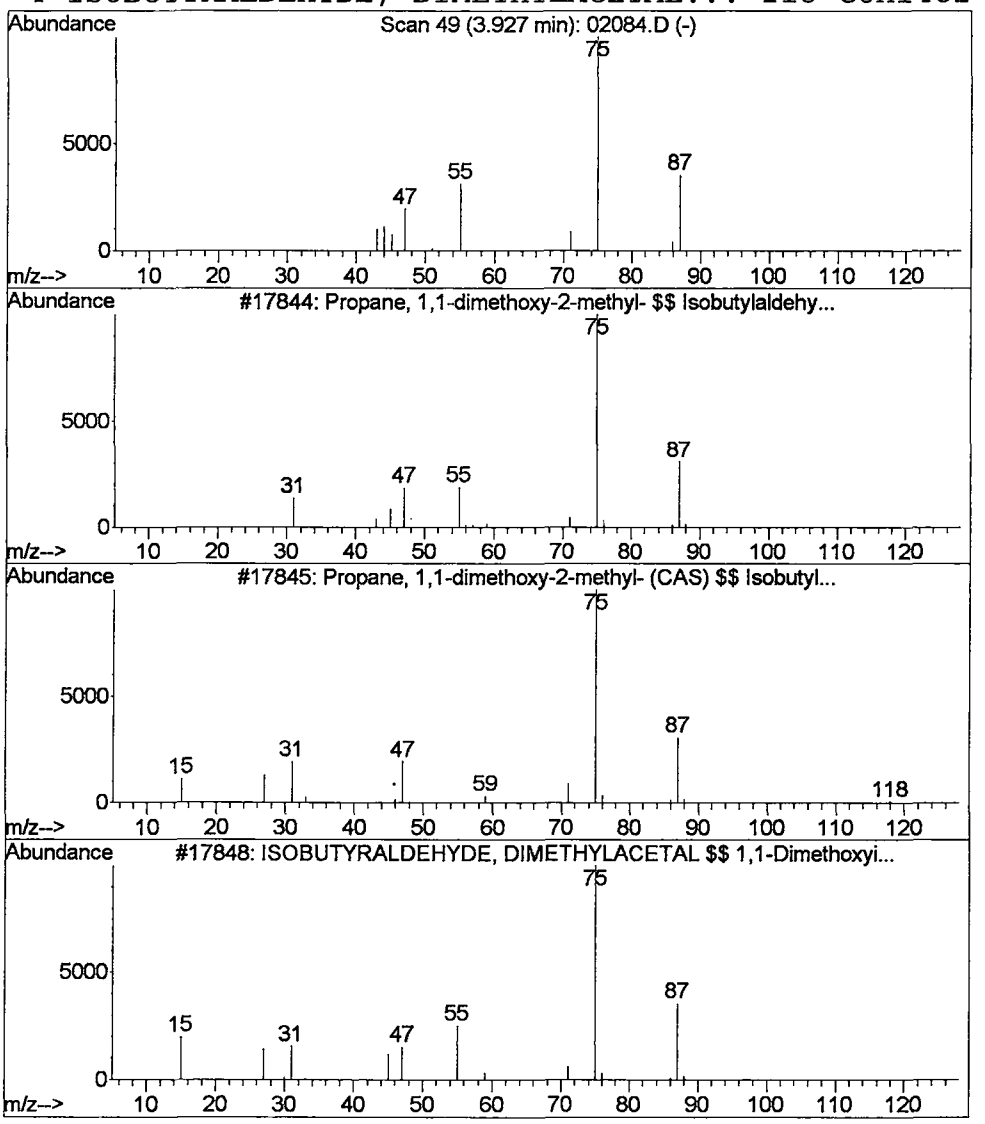
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

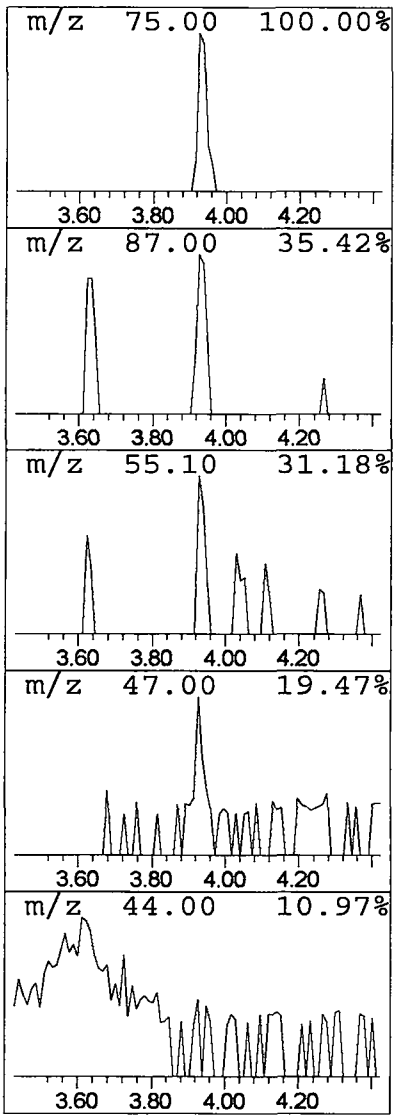
****

Peak Number 2 Propane, 1,1-dimethoxy-2-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.93	0.07 ug/L	31611	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-2-methyl-...	118	C6H14O2	041632-89-7	43
2	Propane, 1,1-dimethoxy-2-methyl-...	118	C6H14O2	041632-89-7	43
3	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	43
4	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	43





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02084.D Vial: 1
Acq On : 26 Feb 2002 2:44 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

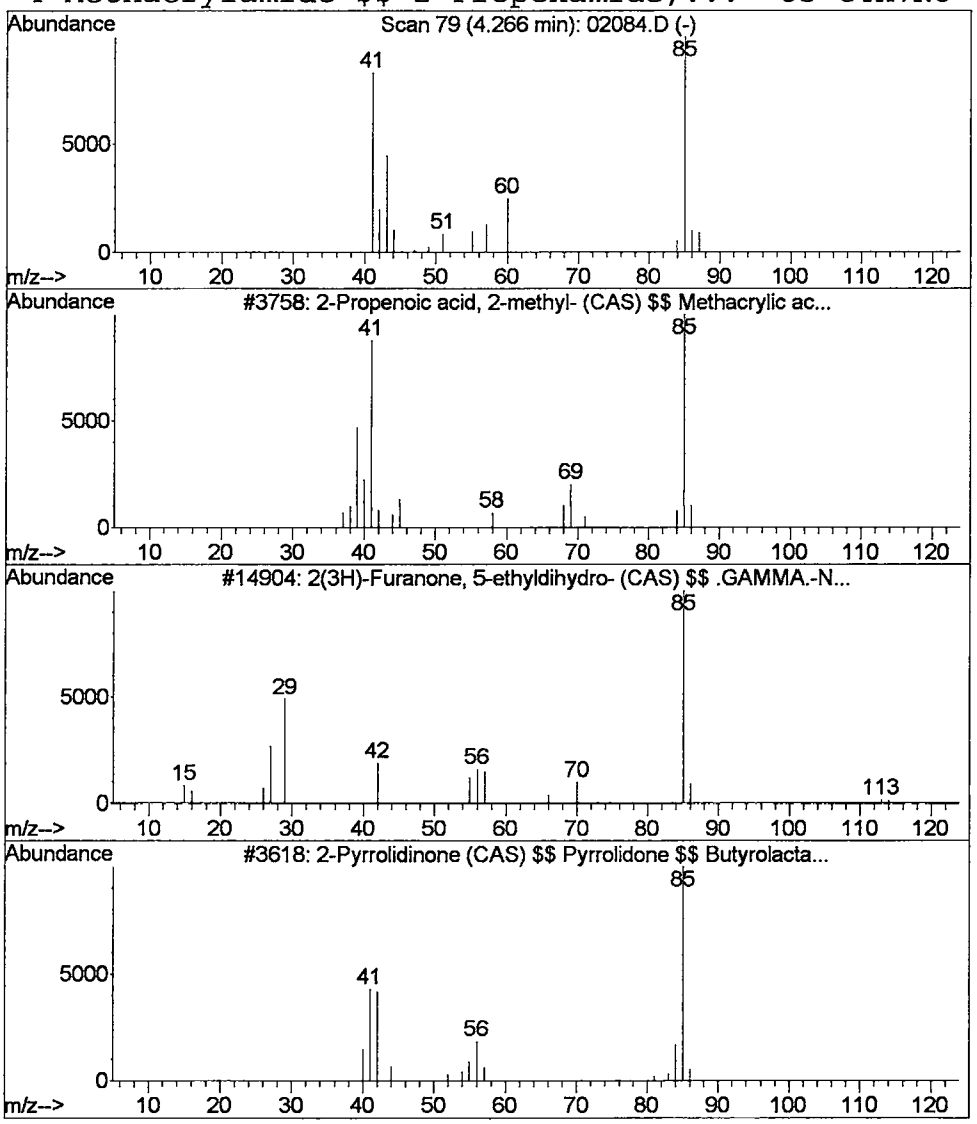
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

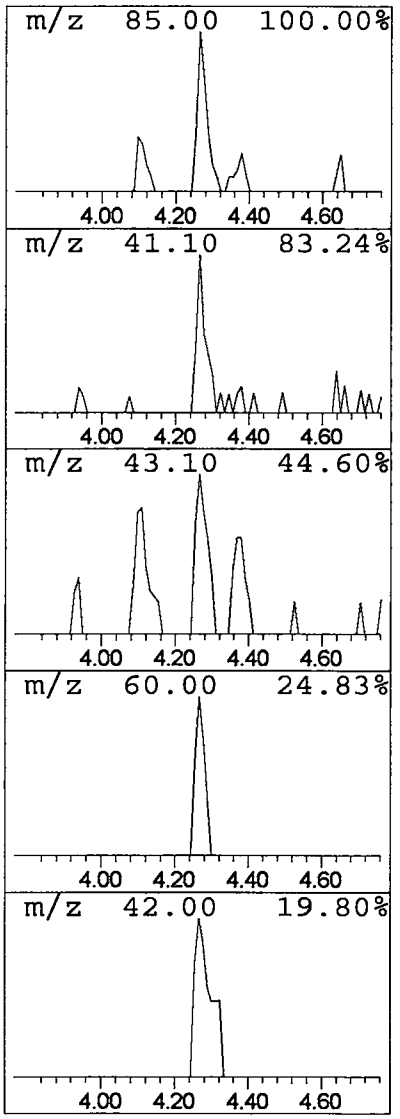
****

Peak Number 3 2-Propenoic acid, 2-methyl-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	0.10 ug/L	45970	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, 2-methyl- (CAS...	86	C4H6O2	000079-41-4	38
2	2(3H)-Furanone, 5-ethyldihydro- ...	114	C6H10O2	000695-06-7	36
3	2-Pyrrolidinone (CAS) $$ Pyrroli...	85	C4H7NO	000616-45-5	33
4	Methacrylamide $$ 2-Propenamide,...	85	C4H7NO	000079-39-0	33





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02084.D Vial: 1
Acq On : 26 Feb 2002 2:44 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

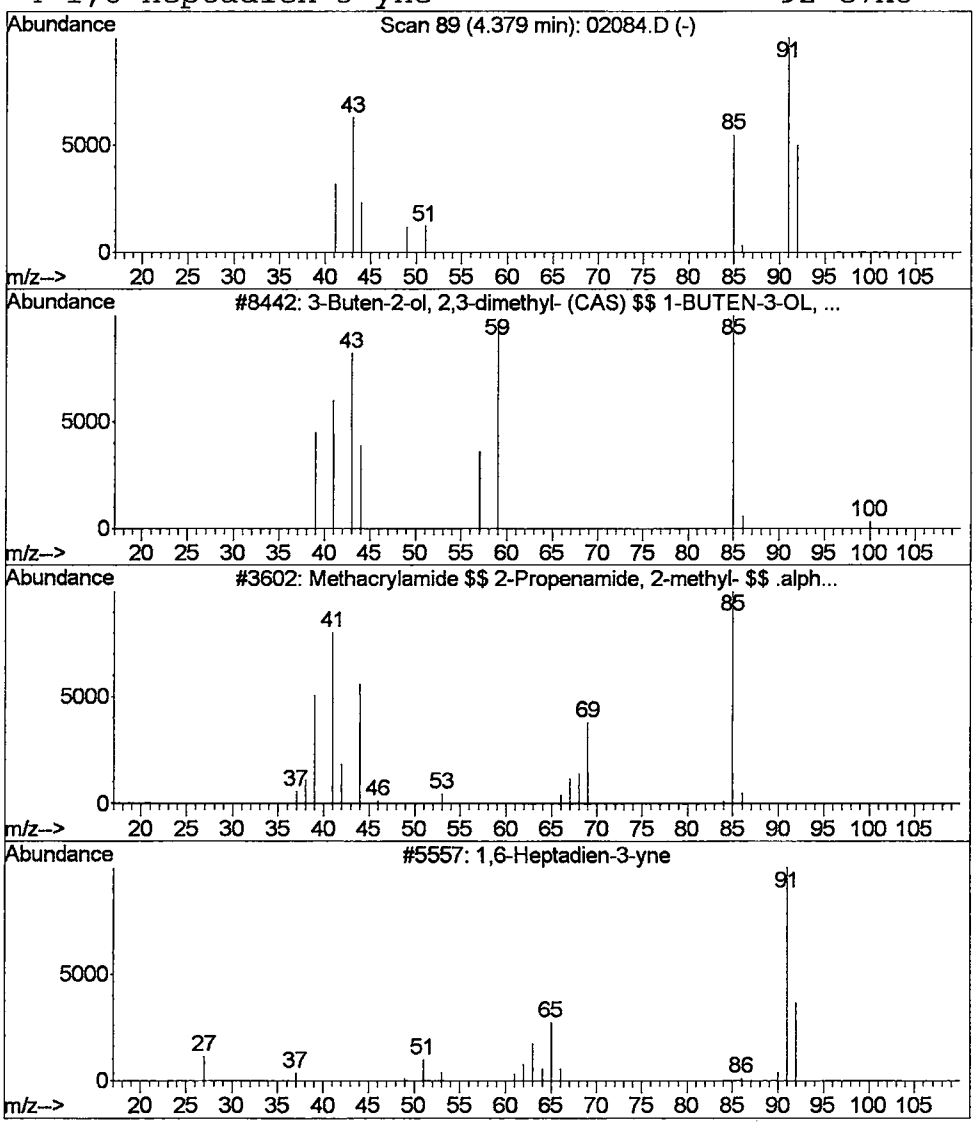
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

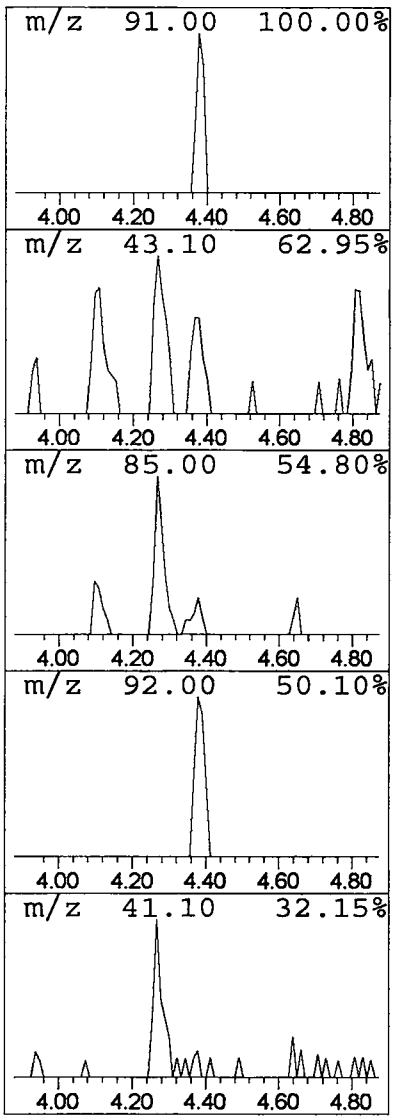
****

Peak Number 4 3-Buten-2-ol, 2,3-dimethyl-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.38	0.05 ug/L	21564	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-ol, 2,3-dimethyl- (CAS...	100	C6H12O	010473-13-9	17
2	Methacrylamide $$ 2-Propenamide,...	85	C4H7NO	000079-39-0	9
3	1,6-Heptadien-3-yne	92	C7H8	005150-80-1	7
4	1,6-Heptadien-3-yne	92	C7H8	005150-80-1	7





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02084.D Vial: 1
Acq On : 26 Feb 2002 2:44 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

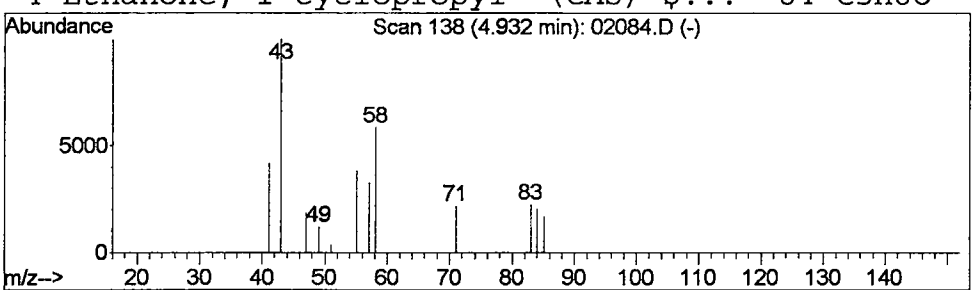
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

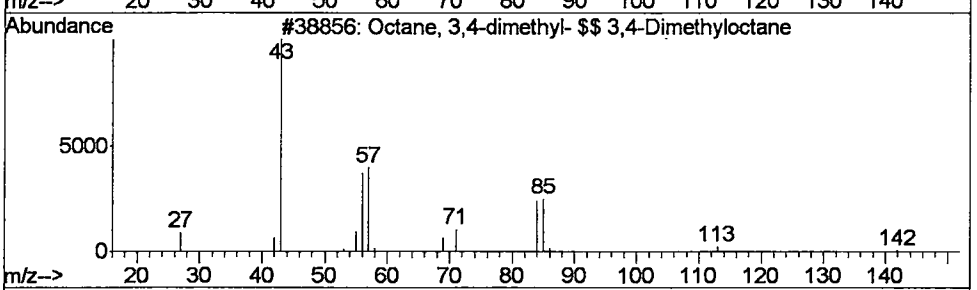
****

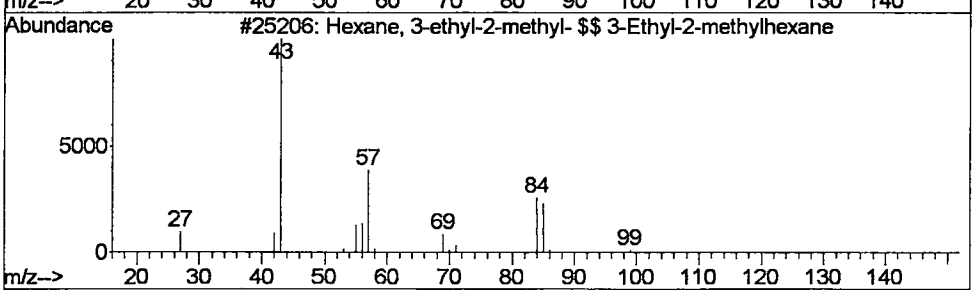
Peak Number 5 Octane, 3,4-dimethyl- $$ 3,... Concentration Rank 10

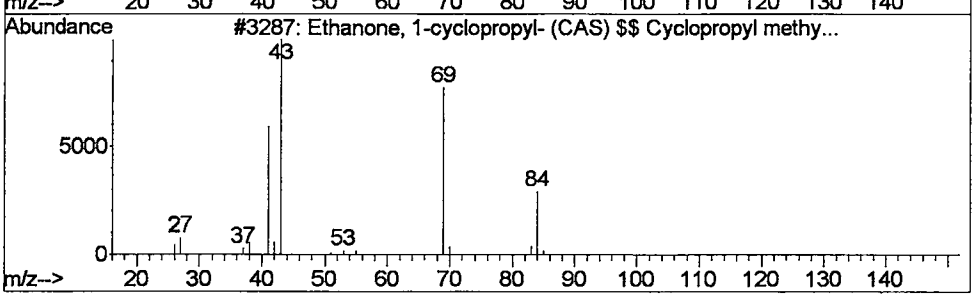
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	0.06 ug/L	28145	1,4-Dichlorobenzene-d4	9.72

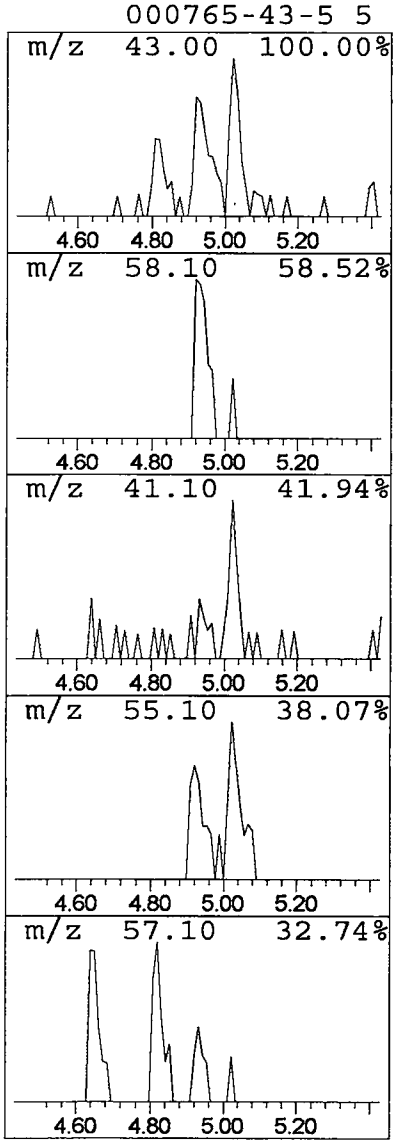
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,4-dimethyl- $$ 3,4-Dim...	142	C10H22	015869-92-8	9
2	Hexane, 3-ethyl-2-methyl- $$ 3-E...	128	C9H20	016789-46-1	9
3	Ethanone, 1-cyclopropyl- (CAS) $...	84	C5H8O	000765-43-5	5
4	Ethanone, 1-cyclopropyl- (CAS) $...	84	C5H8O	000765-43-5	5











Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02084.D Vial: 1
Acq On : 26 Feb 2002 2:44 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

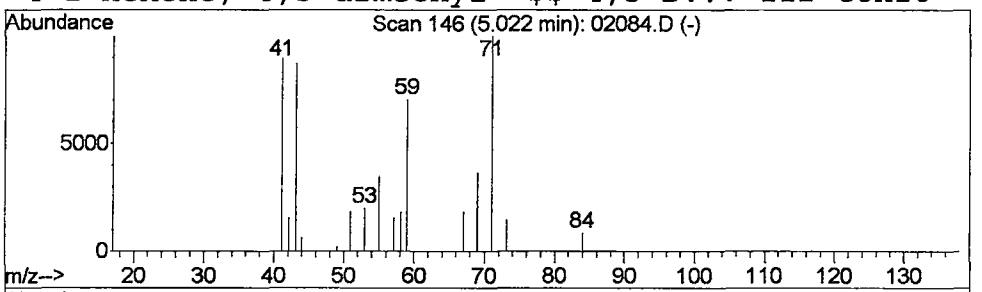
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

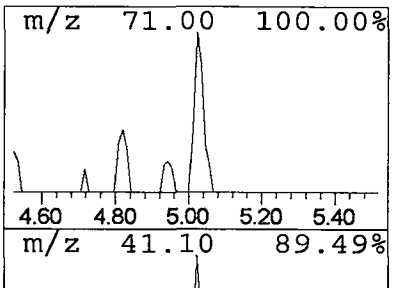
****

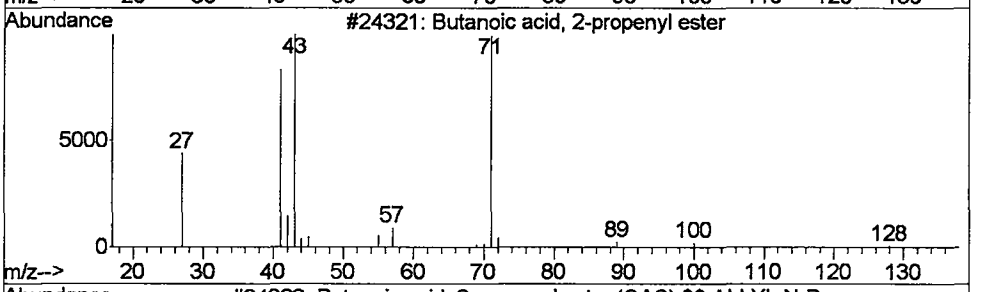
Peak Number 6 Butanoic acid, 2-propenyl e... Concentration Rank 9

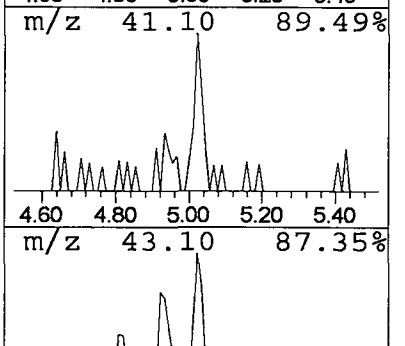
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	0.07 ug/L	30222	1,4-Dichlorobenzene-d4	9.72

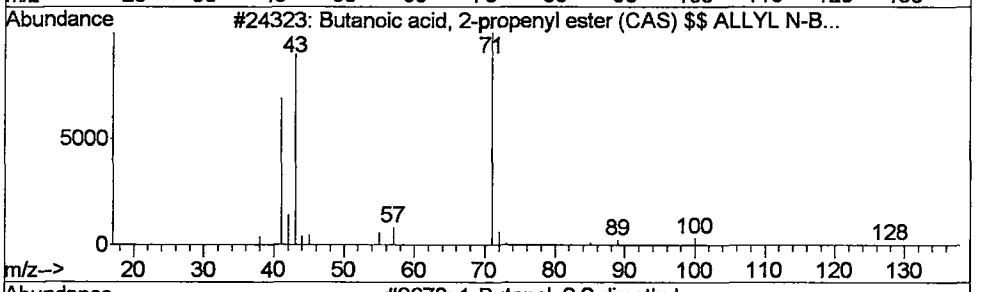
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-propenyl ester	128	C7H12O2	002051-78-7	25
2	Butanoic acid, 2-propenyl ester ...	128	C7H12O2	002051-78-7	25
3	1-Butanol, 2,2-dimethyl-	102	C6H14O	001185-33-7	25
4	1-Hexene, 4,5-dimethyl- $$ 4,5-D...	112	C8H16	016106-59-5	23

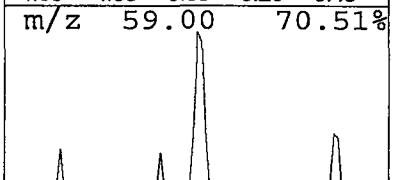


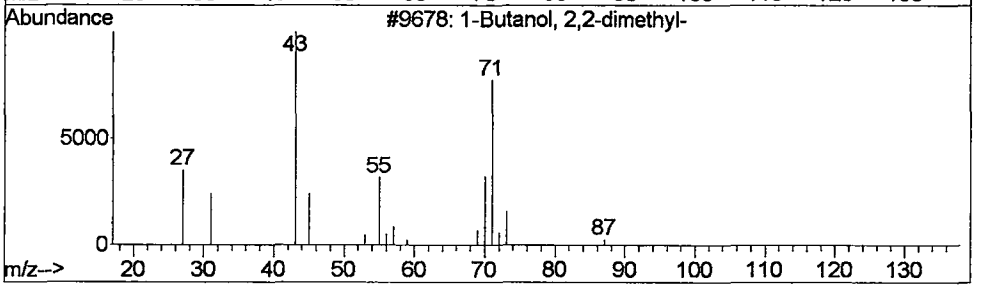












Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02084.D Vial: 1
Acq On : 26 Feb 2002 2:44 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

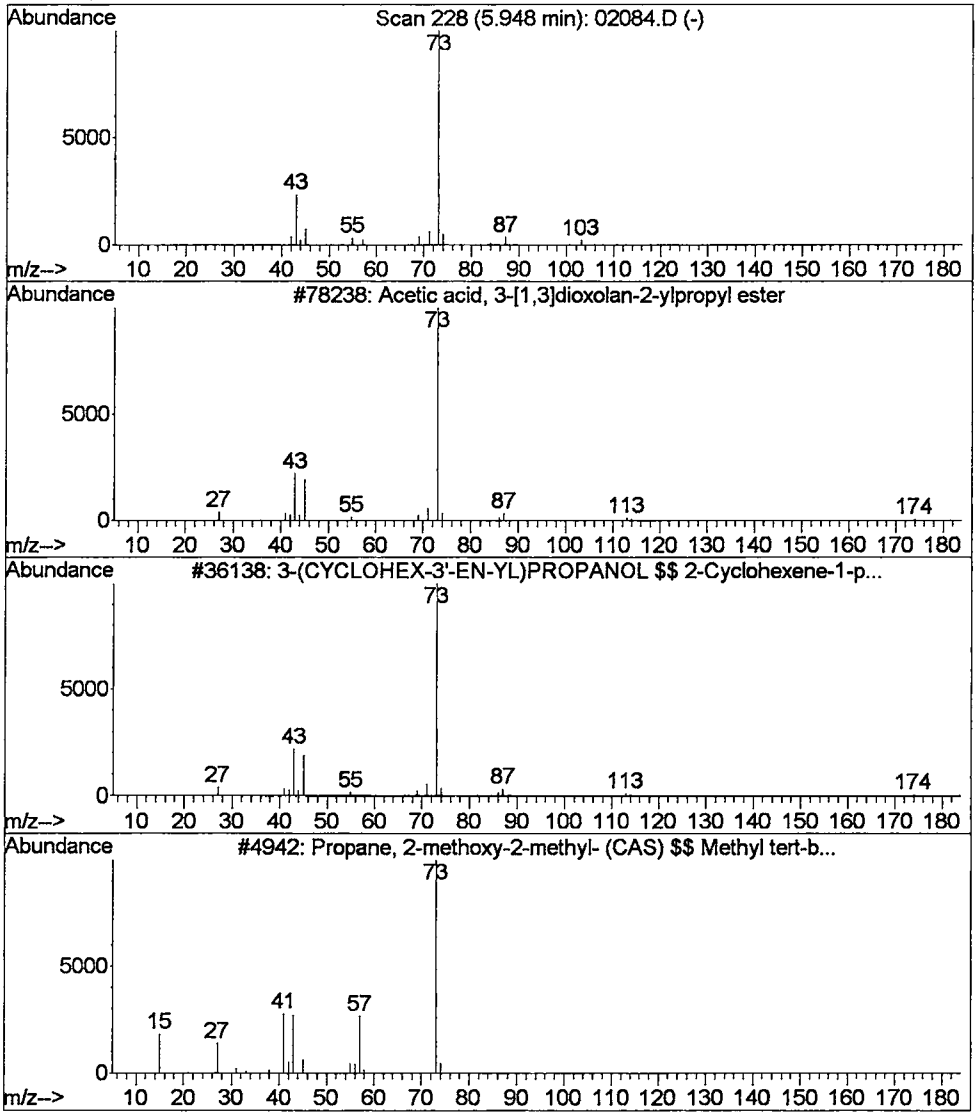
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

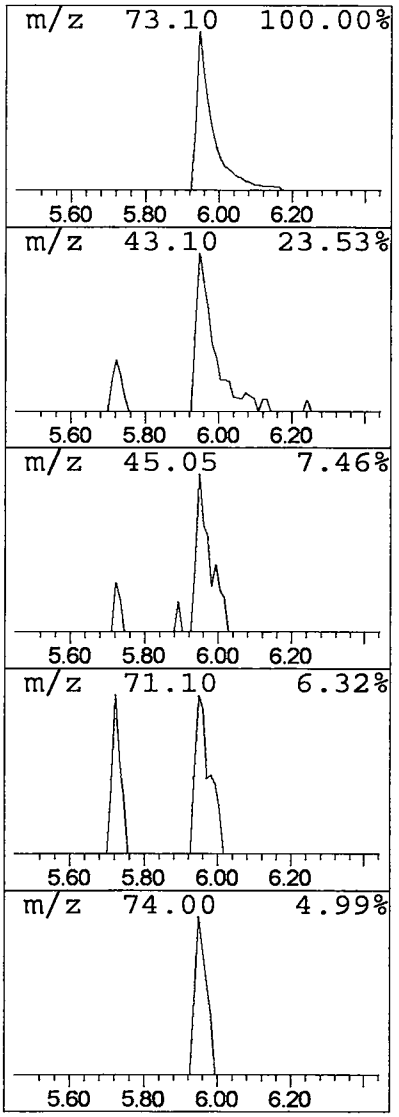
****

Peak Number 7 Acetic acid, 3-[1,3]dioxola... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	0.32 ug/L	142840	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	40
2	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	40
3	Propane, 2-methoxy-2-methyl- (CA...	88	C5H12O	001634-04-4	9
4	N,N-DIMETHYL-2-BUTOXYISOPROPYLAMINE	159	C9H21NO	000000-00-0	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02084.D Vial: 1
Acq On : 26 Feb 2002 2:44 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

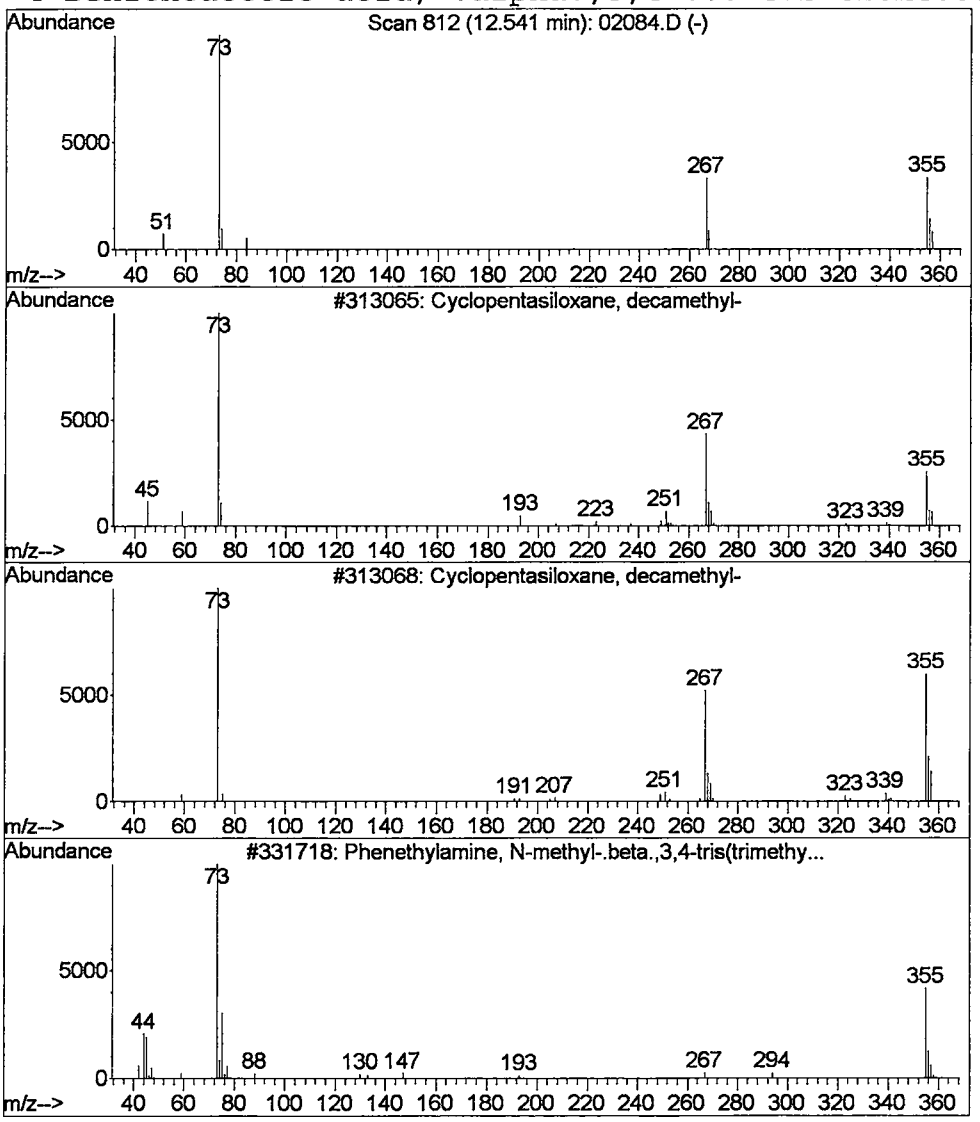
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

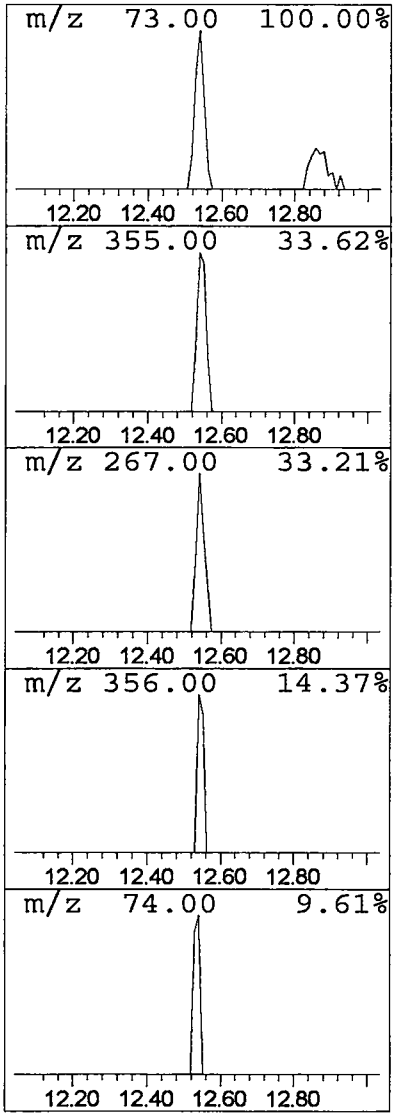
****

Peak Number 8 Cyclopentasiloxane, decamet... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	0.04 ug/L	27204	Naphthalene-d8	13.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	83
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	72
3	Phenethylamine, N-methyl-.beta.,...	399	C18H37NO3Si3	010538-85-9	42
4	Benzeneacetic acid, .alpha.,3,4-...	472	C20H40O5Si4	037148-65-5	42





Library Search Compound Report

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Acq On : 26 Feb 2002 2:44 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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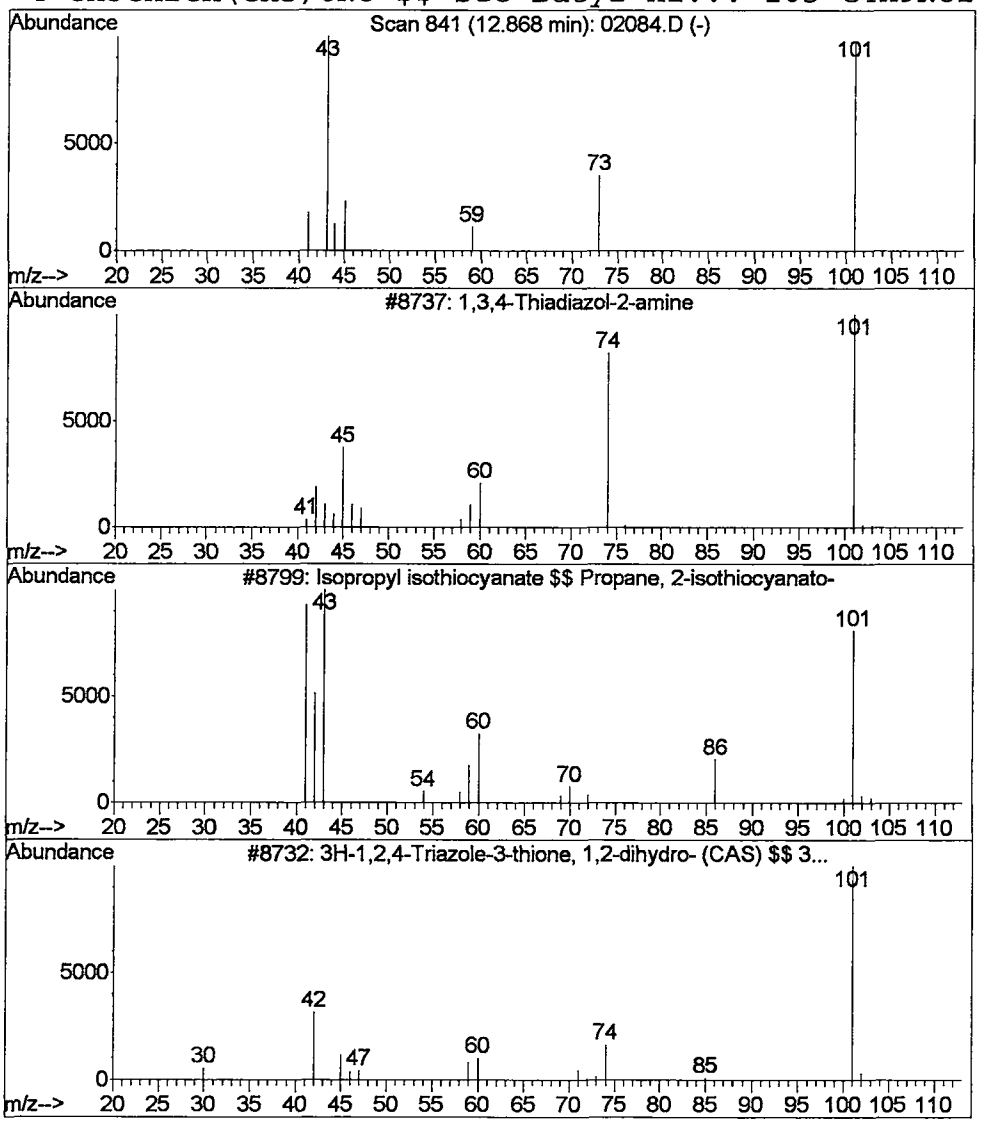
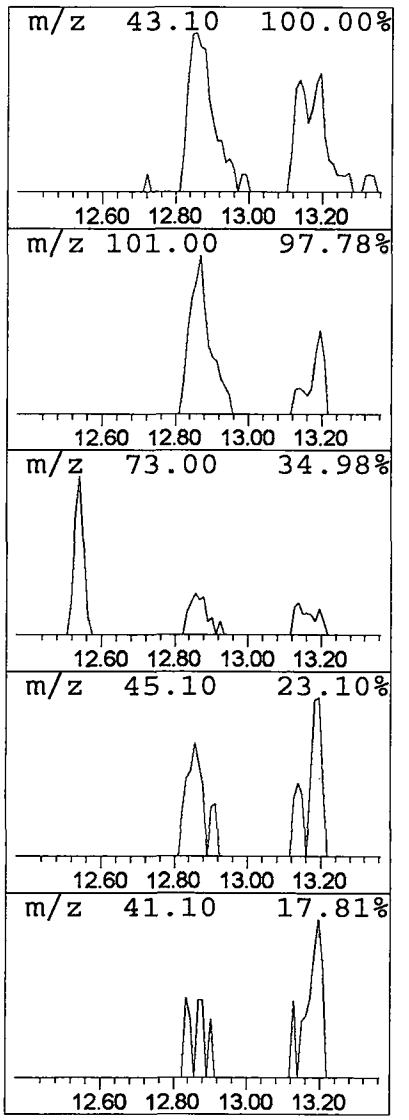
Peak Number 9 1,3,4-Thiadiazol-2-amine Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	0.08 ug/L	53082	Naphthalene-d8	13.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,4-Thiadiazol-2-amine	101	C2H3N3S	004005-51-0	7
2	Isopropyl isothiocyanate $$ Prop...	101	C4H7NS	002253-73-8	4
3	3H-1,2,4-Triazole-3-thione, 1,2-...	101	C2H3N3S	003179-31-5	4
4	CH3CH2CH(CH3)ONO $$ sec-Butyl ni...	103	C4H9NO2	000924-43-6	4





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02084.D Vial: 1
Acq On : 26 Feb 2002 2:44 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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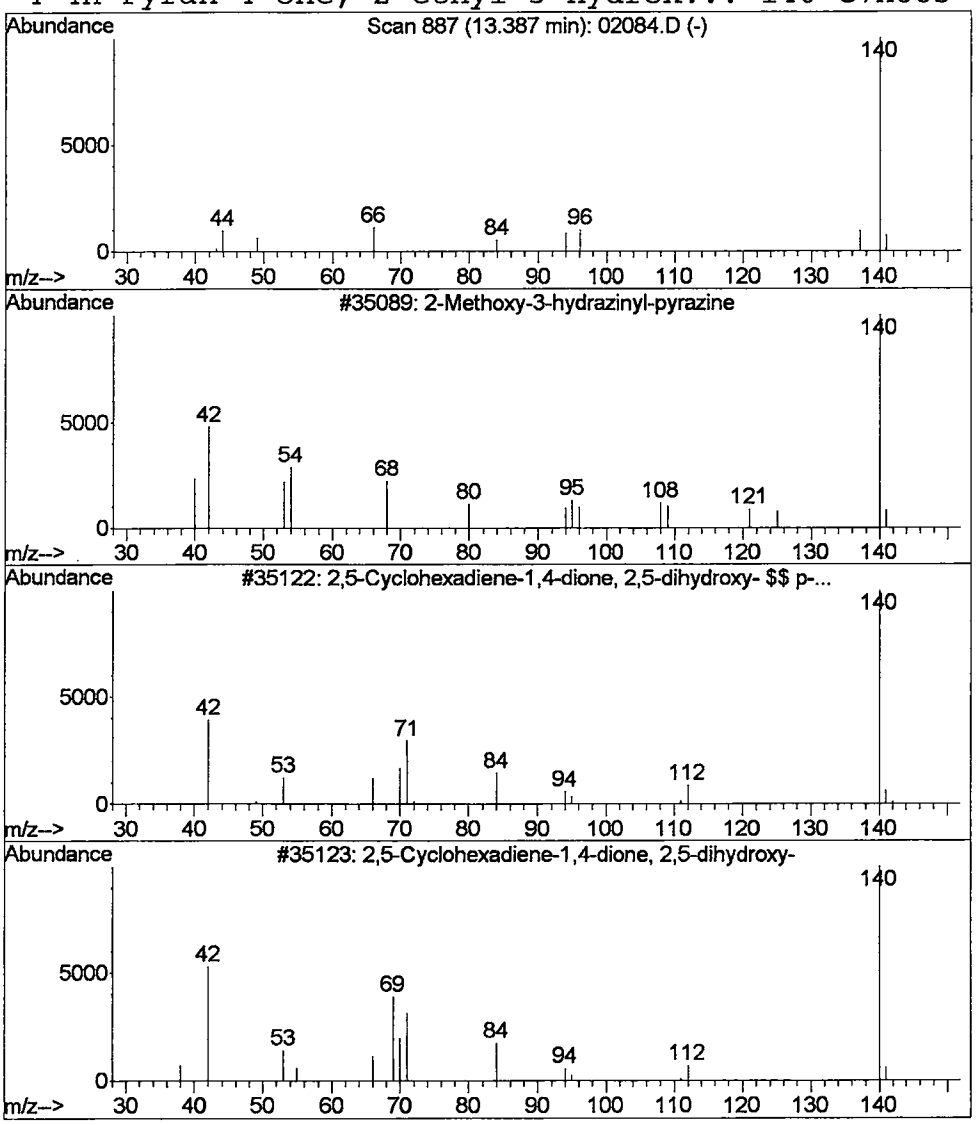
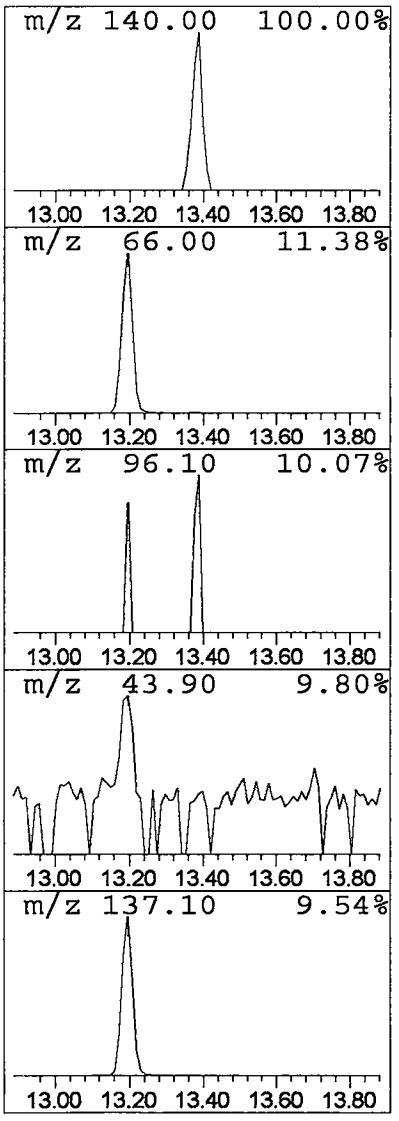
Peak Number 10 2-Methoxy-3-hydrazinyl-pyra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	0.05 ug/L	30954	Naphthalene-d8	13.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methoxy-3-hydrazinyl-pyrazine	140	C5H8N4O	000000-00-0	50
2	2,5-Cyclohexadiene-1,4-dione, 2,...	140	C6H4O4	000615-94-1	39
3	2,5-Cyclohexadiene-1,4-dione, 2,...	140	C6H4O4	000615-94-1	39
4	4H-Pyran-4-one, 2-ethyl-3-hydrox...	140	C7H8O3	004940-11-8	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02084.D Vial: 1
Acq On : 26 Feb 2002 2:44 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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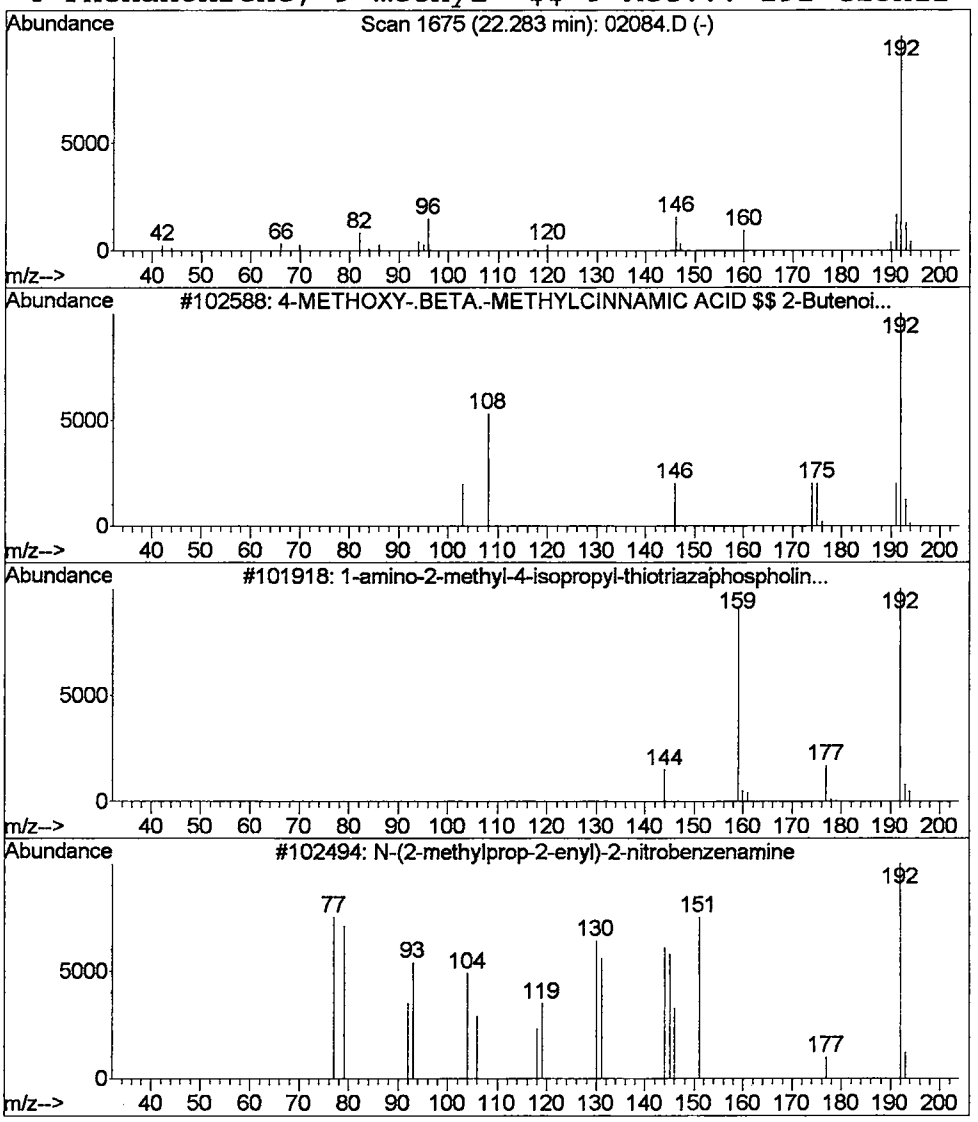
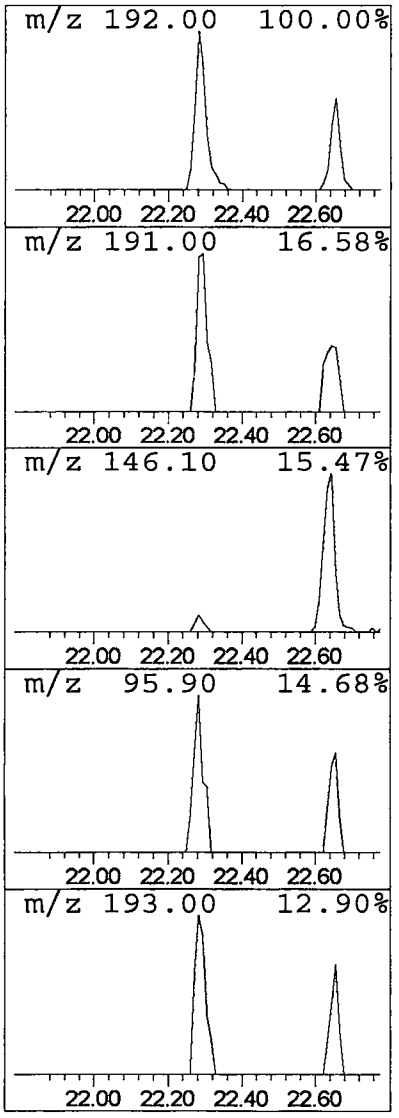
Peak Number 11 4-METHOXY-.BETA.-METHYLCINN... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.12 ug/L	85739	Phenanthrene-d10	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-METHOXY-.BETA.-METHYLCINNAMIC ...	192	C11H12O3	019169-94-9	72
2	1-amino-2-methyl-4-isopropyl-thi...	192	C5H13N4PS	107264-54-0	50
3	N-(2-methylprop-2-enyl)-2-nitrob...	192	C10H12N2O2	000000-00-0	47
4	Phenanthrene, 9-methyl- $$ 9-Met...	192	C15H12	000883-20-5	45





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02084.D Vial: 1
Acq On : 26 Feb 2002 2:44 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

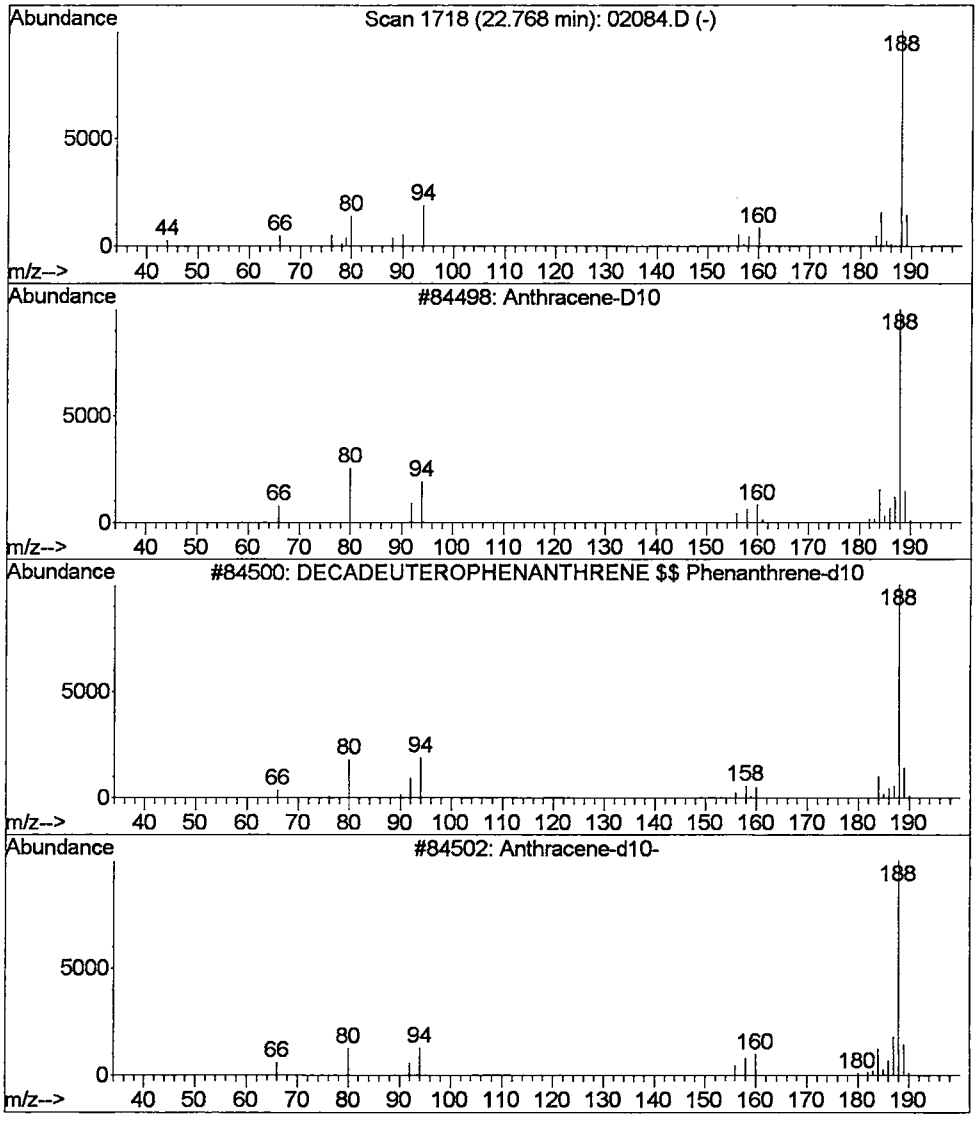
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

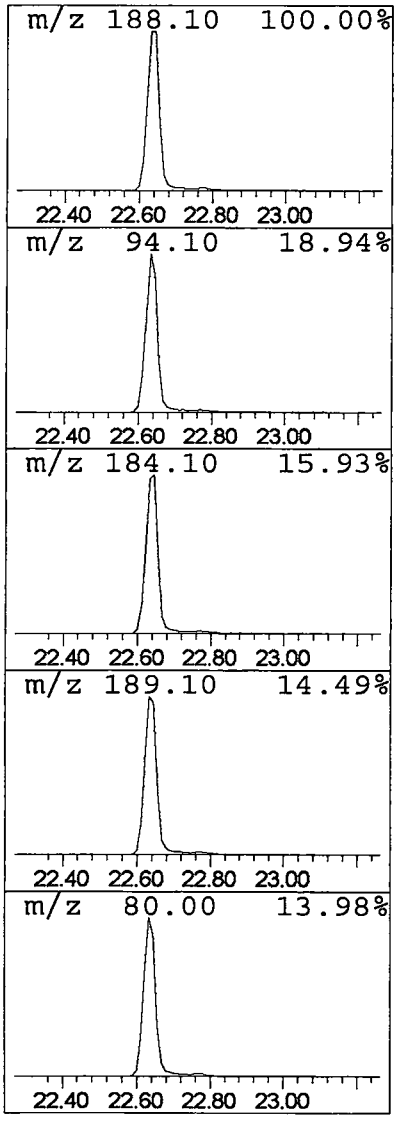
****

Peak Number 12 Anthracene-D10 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.56 ug/L	413129	Phenanthrene-d10	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-D10	188	C14D10	000000-00-0	90
2	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	87
3	Anthracene-d10-	188	C14D10	001719-06-8	86
4	Phenanthrene-d10	188	C14D10	001517-22-2	86





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02084.D Vial: 1
Acq On : 26 Feb 2002 2:44 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

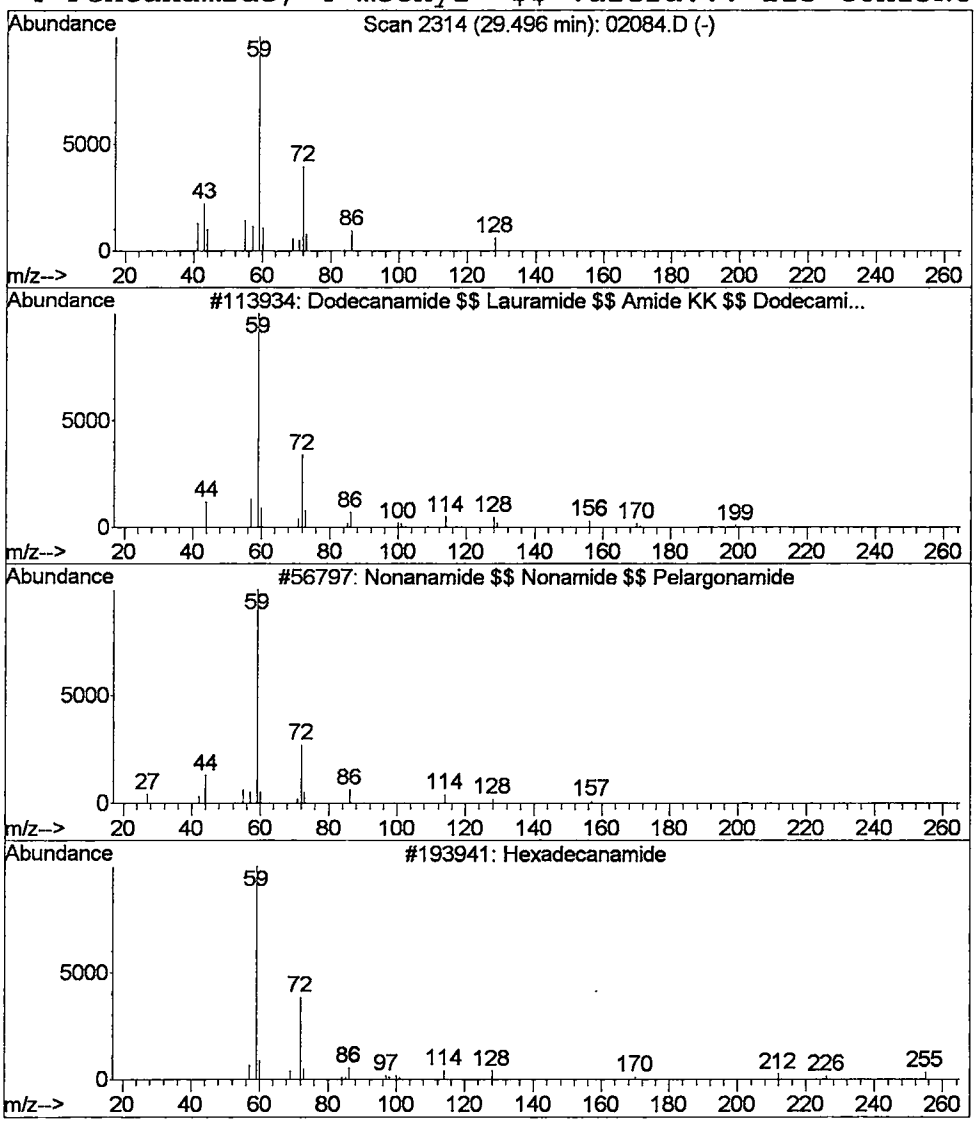
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

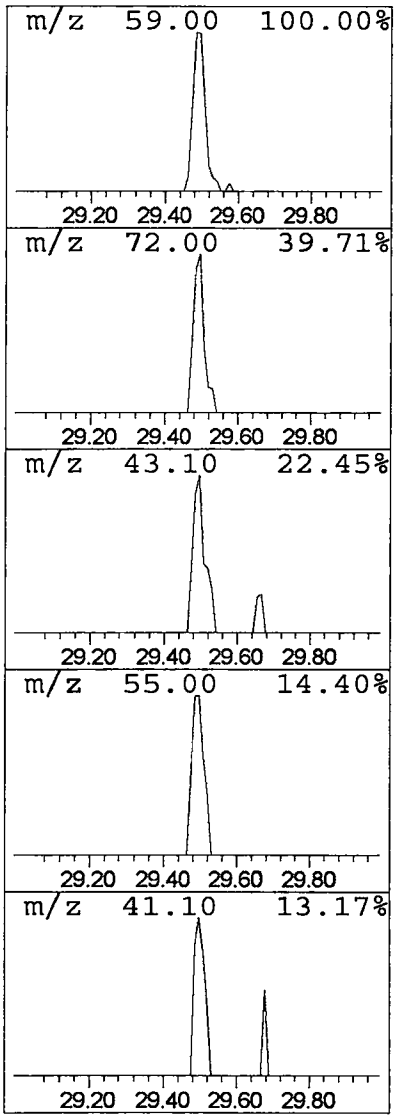
****

Peak Number 13 Dodecanamide $$ Lauramide $... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.50	0.09 ug/L	60709	Chrysene-d12	30.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanamide $$ Lauramide $$ Ami...	199	C12H25NO	001120-16-7	83
2	Nonanamide $$ Nonamide $$ Pelarg...	157	C9H19NO	001120-07-6	78
3	Hexadecanamide	255	C16H33NO	000629-54-9	78
4	Pentanamide, 4-methyl- $$ Valera...	115	C6H13NO	001119-29-5	72





Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 26 Feb 2002 2:44 pm
Data File: C:\MSDCHEM\1\5973N\02FEB26\02084.D
Name: 508 scan
Misc: February 26, 2002
Method: C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
Title: 508 scan method
Library Searched: C:\DATABASE\WILEY7N.L

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--- #	RT	Resp	Conc
Butanoic acid, me...	3.62	0.1	ug/L	64955	1	9.72	8869020	20.0
Propane, 1,1-dime...	3.93	0.1	ug/L	31611	1	9.72	8869020	20.0
2-Propenoic acid,...	4.27	0.1	ug/L	45970	1	9.72	8869020	20.0
3-Buten-2-ol, 2,3...	4.38	0.0	ug/L	21564	1	9.72	8869020	20.0
Octane, 3,4-dimet...	4.93	0.1	ug/L	28145	1	9.72	8869020	20.0
Butanoic acid, 2-...	5.02	0.1	ug/L	30222	1	9.72	8869020	20.0
Acetic acid, 3-[1...	5.95	0.3	ug/L	142840	1	9.72	8869020	20.0
Cyclopentasiloxan...	12.54	0.0	ug/L	27204	2	13.20	12904000	20.0
1,3,4-Thiadiazol-...	12.87	0.1	ug/L	53082	2	13.20	12904000	20.0
2-Methoxy-3-hydra...	13.39	0.0	ug/L	30954	2	13.20	12904000	20.0
4-METHOXY-.BETA.-...	22.28	0.1	ug/L	85739	4	22.63	14808000	20.0
Anthracene-D10	22.77	0.6	ug/L	413129	4	22.63	14808000	20.0
Dodecanamide $$ L...	29.50	0.1	ug/L	60709	5	30.49	13995100	20.0

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/01/2002 Time: 14:41:49

Sample: AE02086
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/1/02 14:41 Ended: 3/1/02 14:41 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		,		
2	Surr_2,4-DDD		82		5.0

Comments for Sample AE02086 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-01-2002 Time: 14:42:03

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 23 of the 43 compounds in the LCS Standard were above their acceptance ranges.

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB26\02086.D Vial: 3
Acq On : 26 Feb 2002 4:27 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 27 08:30:38 2002 Quant Results File: HP022102.RES

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Last Update : Mon Feb 25 10:47:59 2002
Response via : Initial Calibration
DataAcq Meth : HP020702

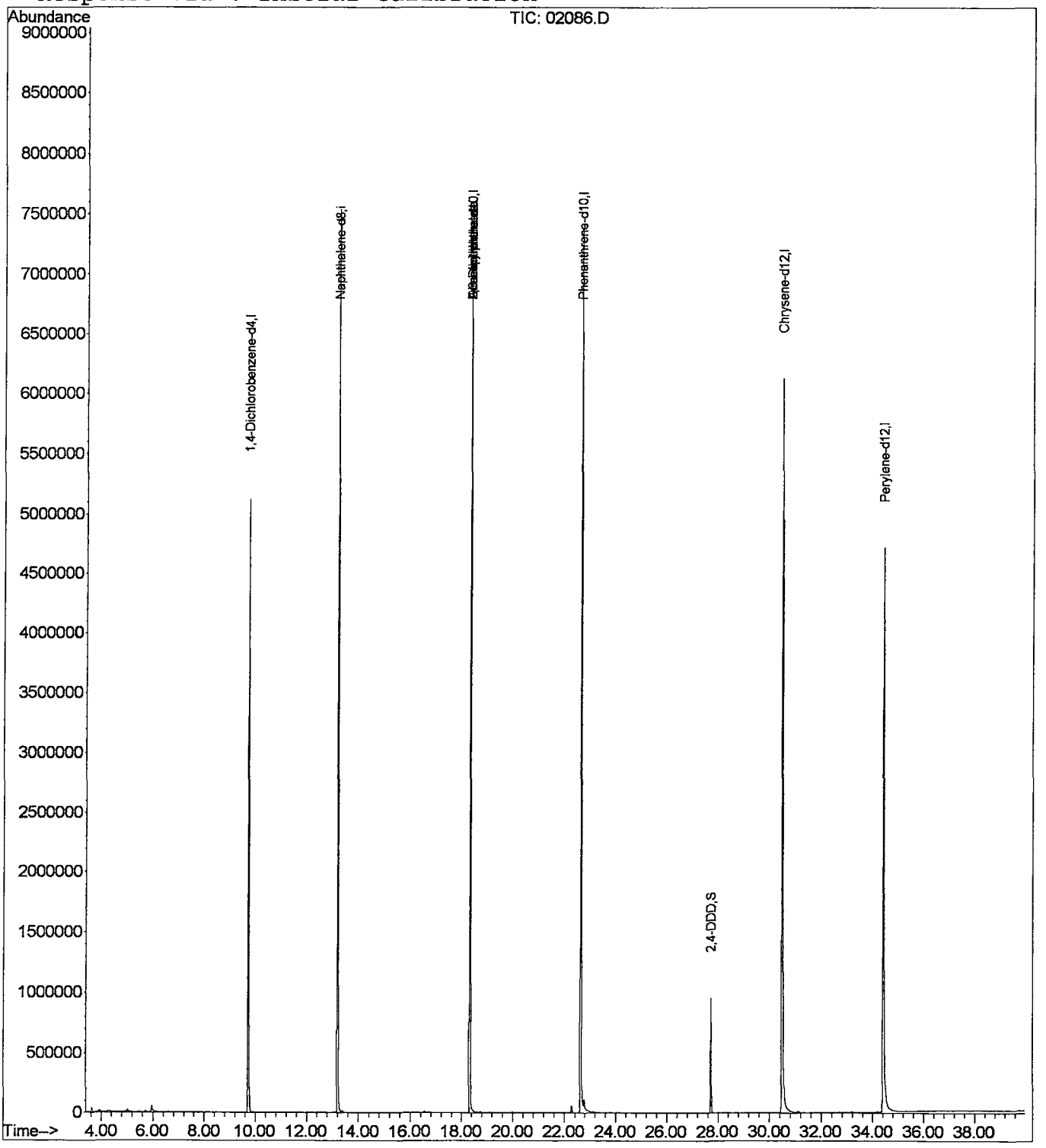
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.72	152	1782646	20.00	ug/L	0.00
10) Naphthalene-d8	13.20	136	7616500	20.00	ug/L	0.00
17) Acenaphthene-d10	18.34	164	3876883	20.00	ug/L	0.00
29) Phenanthrene-d10	22.64	188	6462098	20.00	ug/L	0.00
38) Chrysene-d12	30.49	240	5365609	20.00	ug/L	-0.03
44) Perylene-d12	34.42	264	3853150	20.00	ug/L	-0.03
System Monitoring Compounds						
37) 2,4-DDD	27.72	235	352825	4.10	ug/L	0.00
Spiked Amount 5.000			Recovery = 82.00%			
Target Compounds						Qvalue
20) Dimethylphthalate	18.34	163	629080	2.67	ug/L #	58
21) 2,6-Dinitrotoluene	18.34	165	503293	9.27	ug/L #	27

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB26\02086.D Vial: 3
Acq On : 26 Feb 2002 4:27 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 27 8:30 2002 Quant Results File: HP022102.R

Method : C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
Title : 508 scan method
Last Update : Mon Feb 25 10:47:59 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02086.D Vial: 3
Acq On : 26 Feb 2002 4:27 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
Title : 508 scan method
Smoothing : OFF Filtering: 5
Sampling : 2 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 20
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

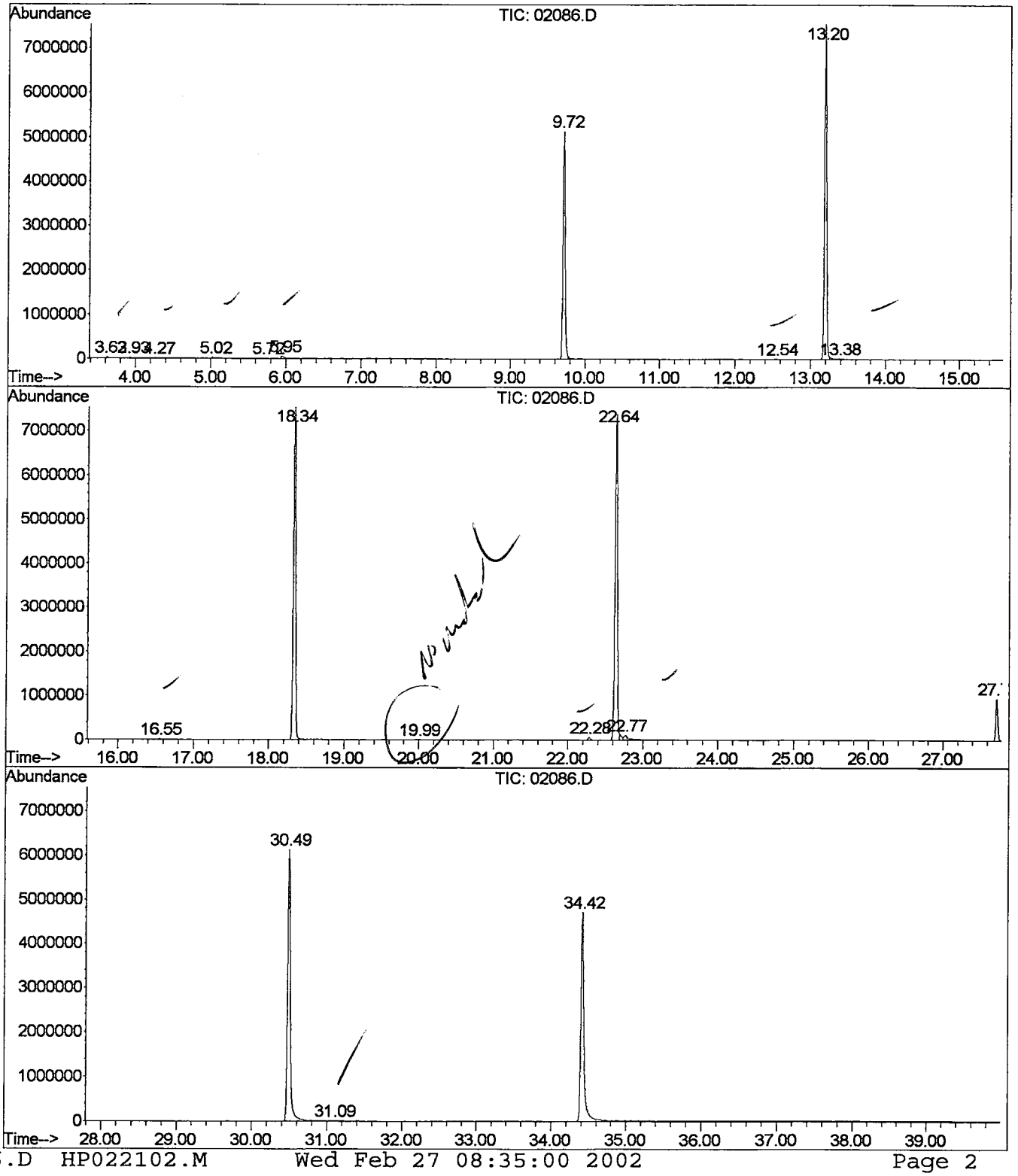
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.622	19	22	25	rBV	34572	50785	0.30%	0.057%
2	3.927	45	49	57	rVB	16721	32711	0.19%	0.037%
3	4.266	77	79	87	rVB4	11497	28287	0.17%	0.032%
4	5.022	143	146	151	rVB	21449	34393	0.20%	0.039%
5	5.722	203	208	213	rVB3	10202	18698	0.11%	0.021%
6	5.948	225	228	249	rVB	50190	156904	0.93%	0.177%
7	9.718	557	562	567	rBV	5123601	9886821	58.87%	11.138%
8	12.540	805	812	815	rVB3	7788	20033	0.12%	0.023%
9	13.195	865	870	875	rBV	7531428	14410491	85.80%	16.233%
10	13.376	883	886	897	rVB	14335	35063	0.21%	0.039%
11	16.548	1163	1167	1171	rVB	13404	21910	0.13%	0.025%
12	18.343	1319	1326	1331	rBV	7530600	15872919	94.51%	17.881%
13	19.991	1467	1472	1477	rVV5	6271	21115	0.13%	0.024%
14	22.283	1669	1675	1681	rBV2	57490	118007	0.70%	0.133%
15	22.644	1701	1707	1711	rBV2	7371328	16794622	100.00%	18.919%
16	22.768	1715	1718	1739	rVB	101496	427336	2.54%	0.481%
17	27.724	2151	2157	2163	rVV	953043	1702771	10.14%	1.918%
18	30.490	2397	2402	2437	rBV2	6120178	15821385	94.21%	17.823%
19	31.088	2453	2455	2459	rVB2	9938	20105	0.12%	0.023%
20	34.418	2743	2750	2789	rBV	4710796	13296110	79.17%	14.978%

Sum of corrected areas: 88770466

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02FEB26\02086.D
Operator :
Acquired : 26 Feb 2002 4:27 pm using AcqMethod HP020702
Instrument : Instrumen
Sample Name: 508 scan
Misc Info : February 26, 2002
Vial Number: 3
Quant File :HP022102.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02086.D Vial: 3
Acq On : 26 Feb 2002 4:27 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

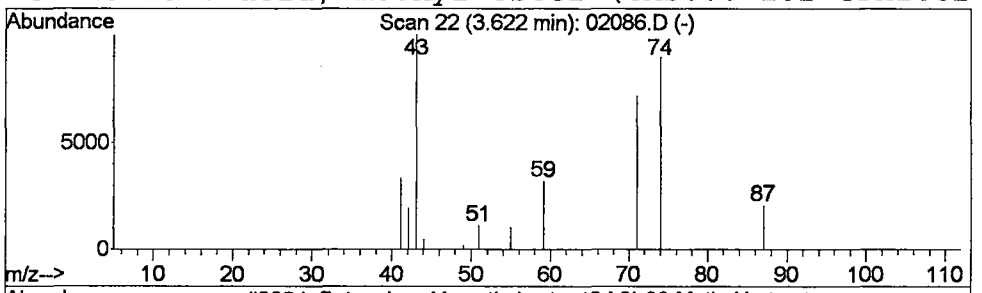
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

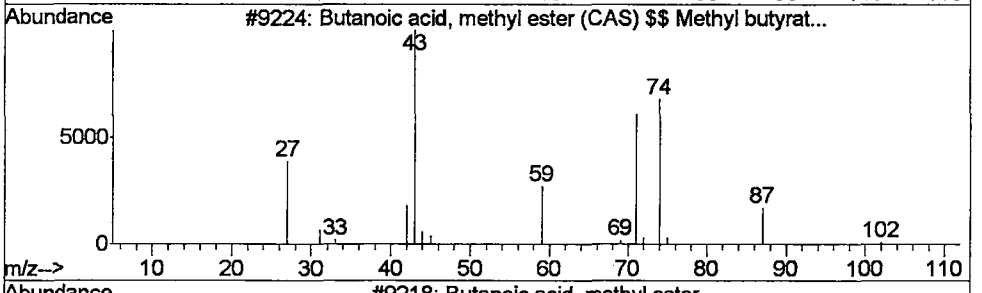
****

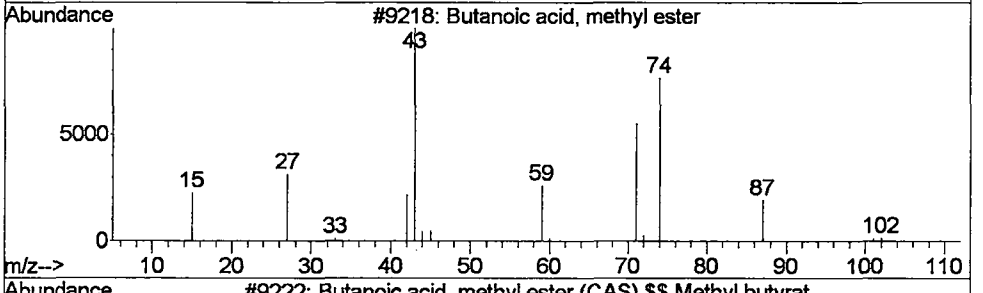
Peak Number 1 Butanoic acid, methyl ester... Concentration Rank 4

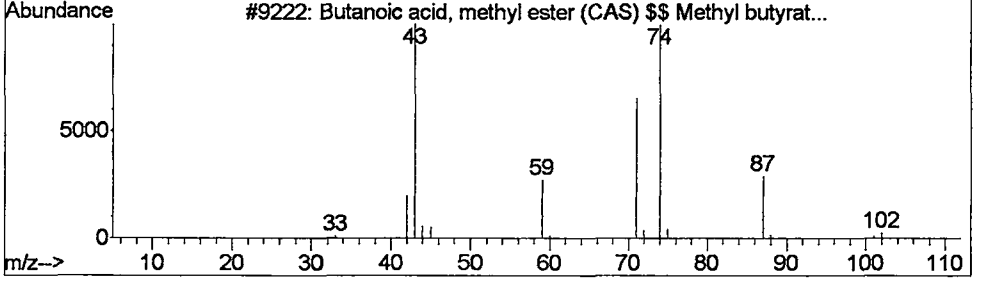
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.62	0.10 ug/L	50785	1,4-Dichlorobenzene-d4	9.72

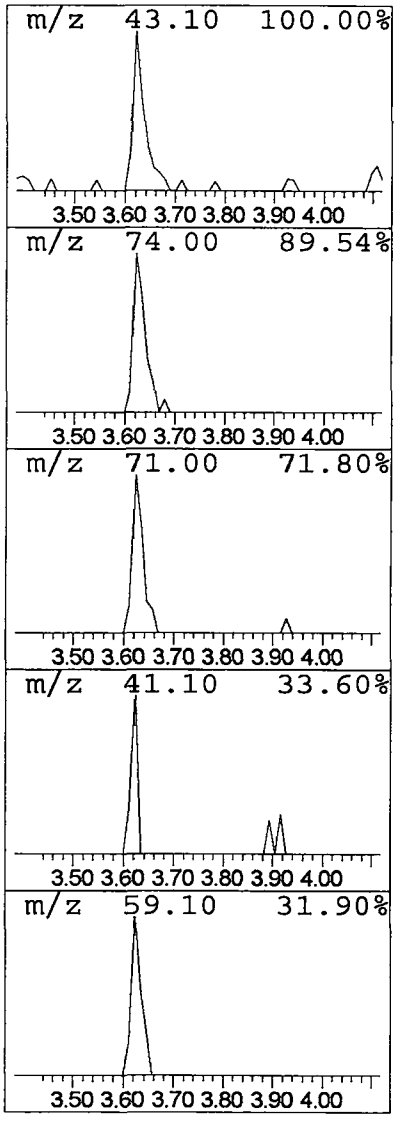
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
2	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	83
3	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
4	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83











Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02086.D Vial: 3
Acq On : 26 Feb 2002 4:27 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

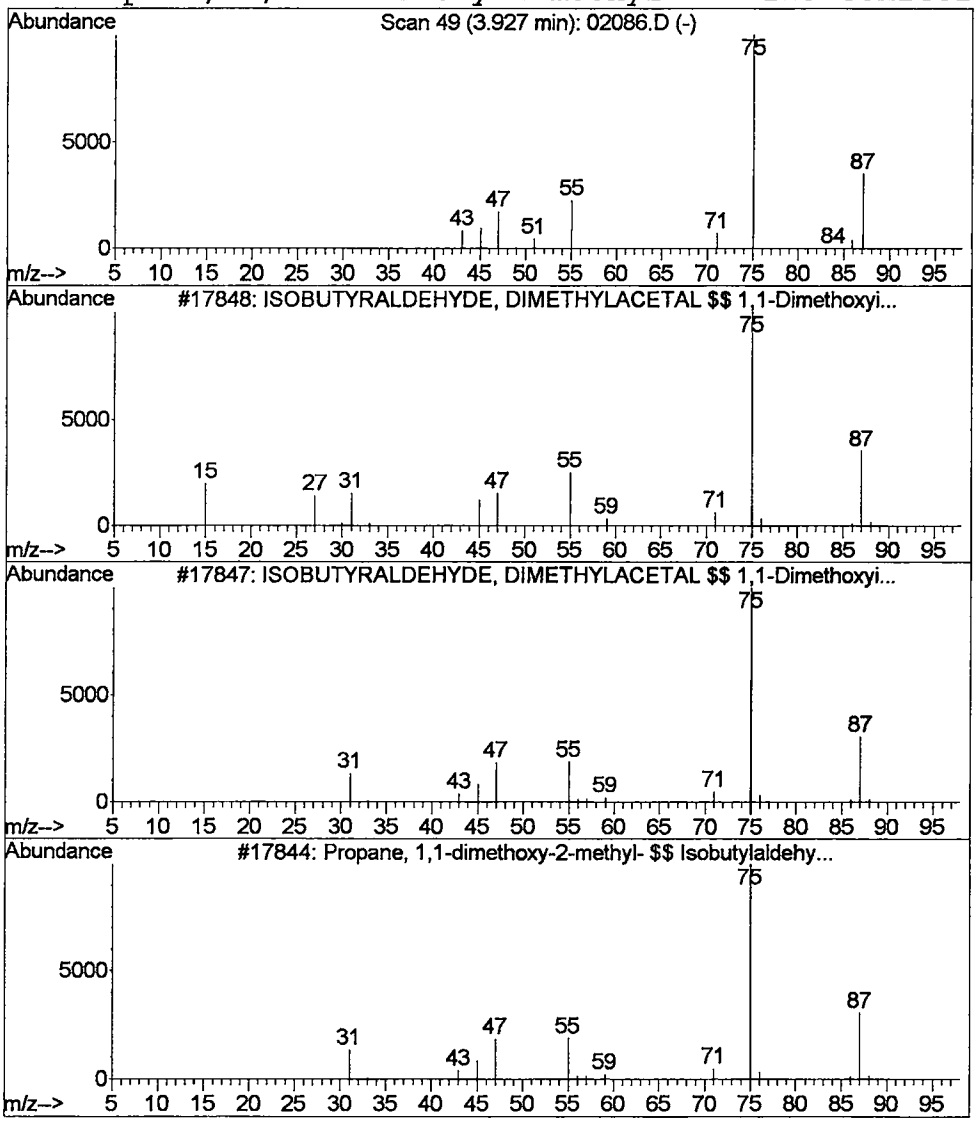
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

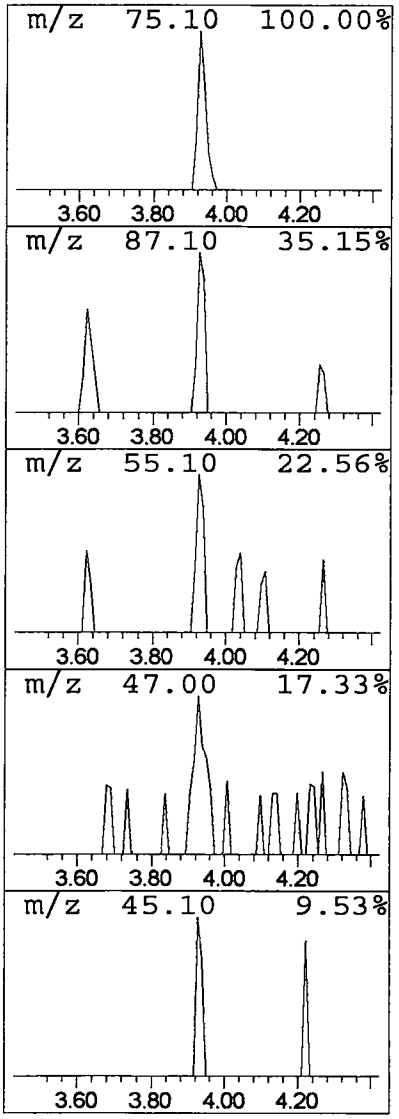
****

Peak Number 2 ISOBUTYRALDEHYDE, DIMETHYLA... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.93	0.07 ug/L	32711	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	83
2	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	74
3	Propane, 1,1-dimethoxy-2-methyl-...	118	C6H14O2	041632-89-7	74
4	Propane, 1,1-dimethoxy-2-methyl-	118	C6H14O2	041632-89-7	64





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02086.D Vial: 3
Acq On : 26 Feb 2002 4:27 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

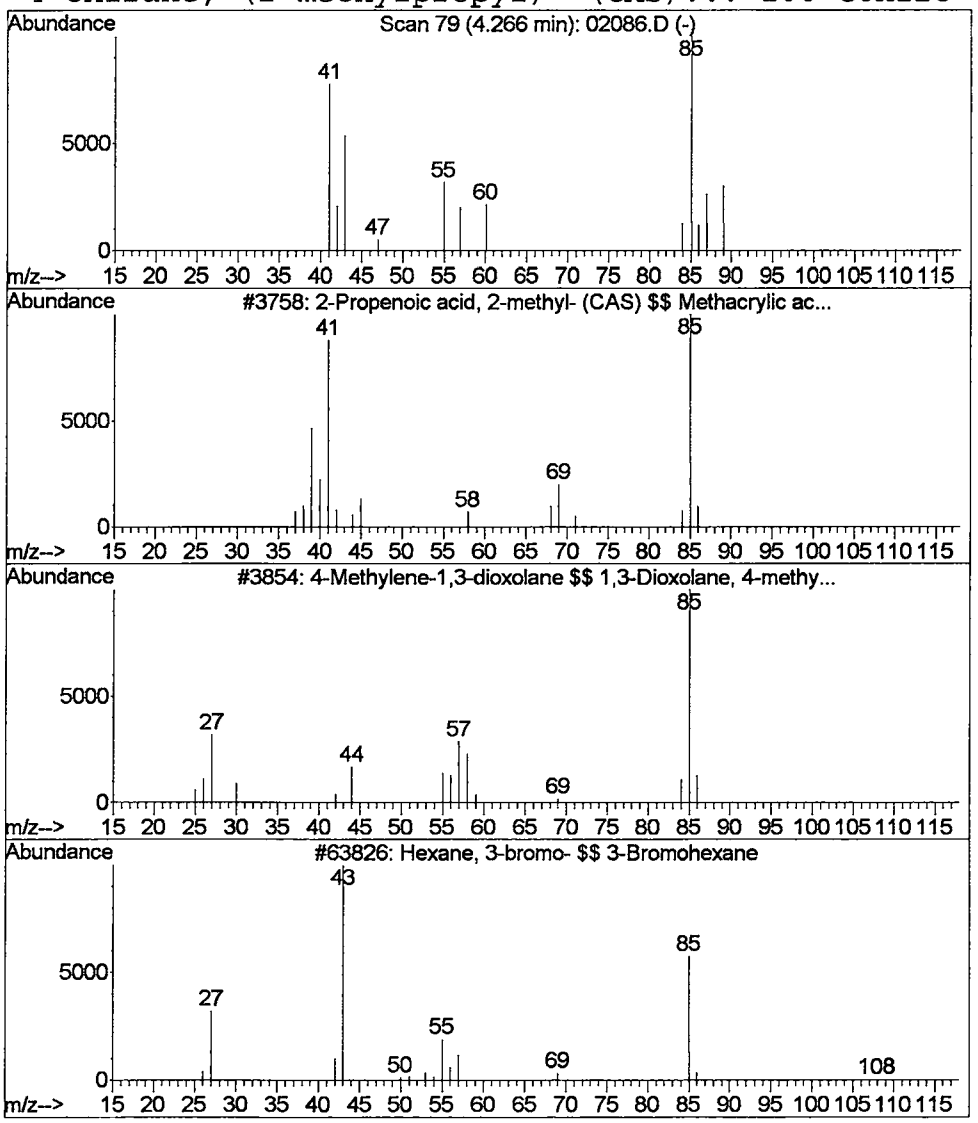
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

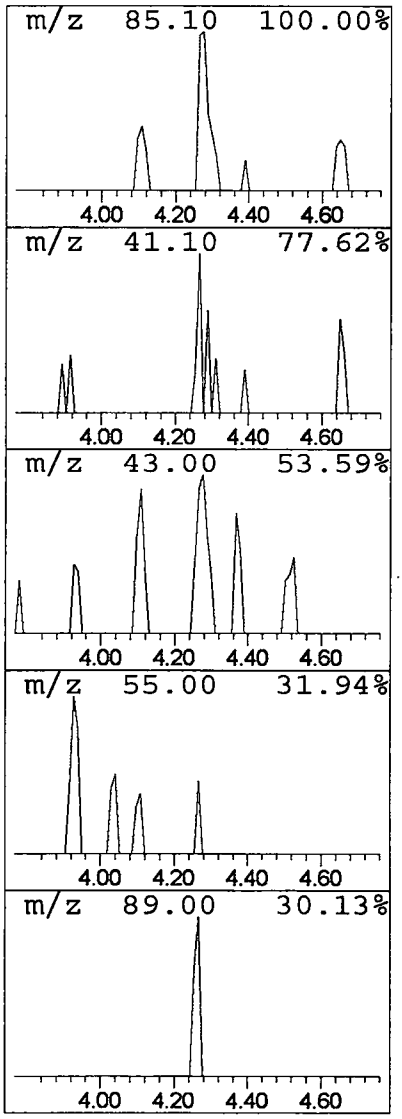
****

Peak Number 3 2-Propenoic acid, 2-methyl-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	0.06 ug/L	28287	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, 2-methyl- (CAS...	86	C4H6O2	000079-41-4	37
2	4-Methylene-1,3-dioxolane $$ 1,3...	86	C4H6O2	004362-24-7	37
3	Hexane, 3-bromo- $$ 3-Bromohexane	164	C6H13Br	003377-87-5	28
4	Oxirane, (2-methylpropyl)- (CAS)...	100	C6H12O	023850-78-4	28





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02086.D Vial: 3
Acq On : 26 Feb 2002 4:27 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

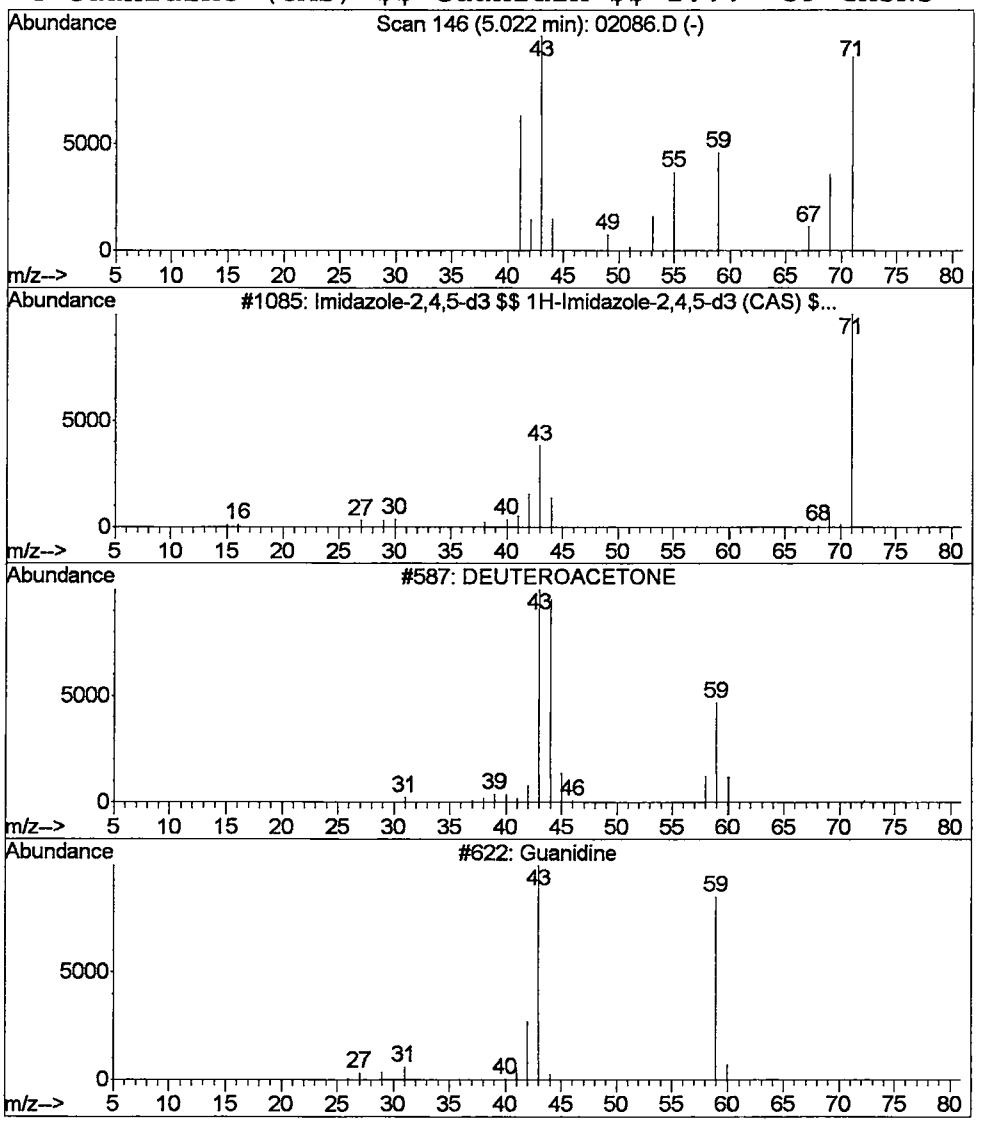
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

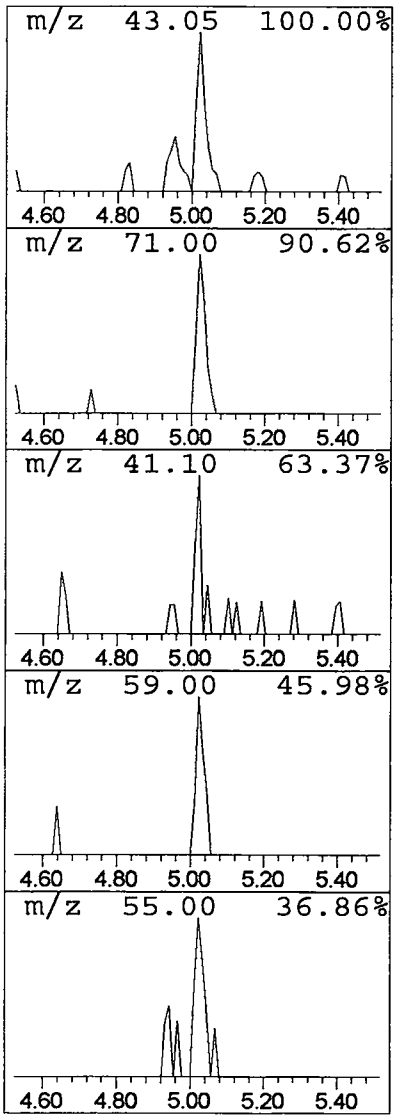
****

Peak Number 4 Imidazole-2,4,5-d3 $$ 1H-Im... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	0.07 ug/L	34393	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Imidazole-2,4,5-d3 $$ 1H-Imidazo...	71	C3HD3N2	006745-43-3	7
2	DEUTEROACETONE	59	C3H5DO	004468-52-4	5
3	Guanidine	59	CH5N3	000113-00-8	4
4	Guanidine (CAS) $$ Guanidin $$ I...	59	CH5N3	000113-00-8	4





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02086.D Vial: 3
Acq On : 26 Feb 2002 4:27 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

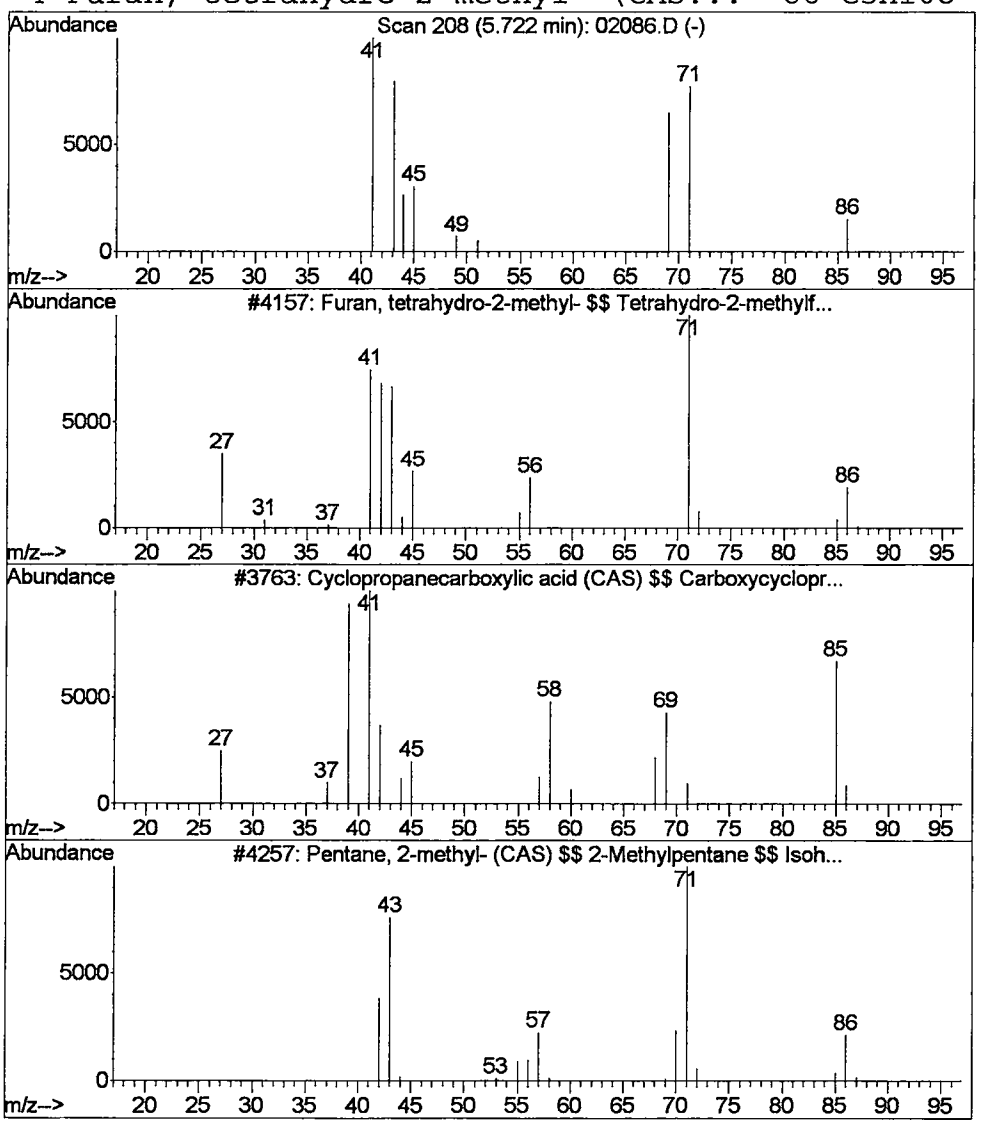
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

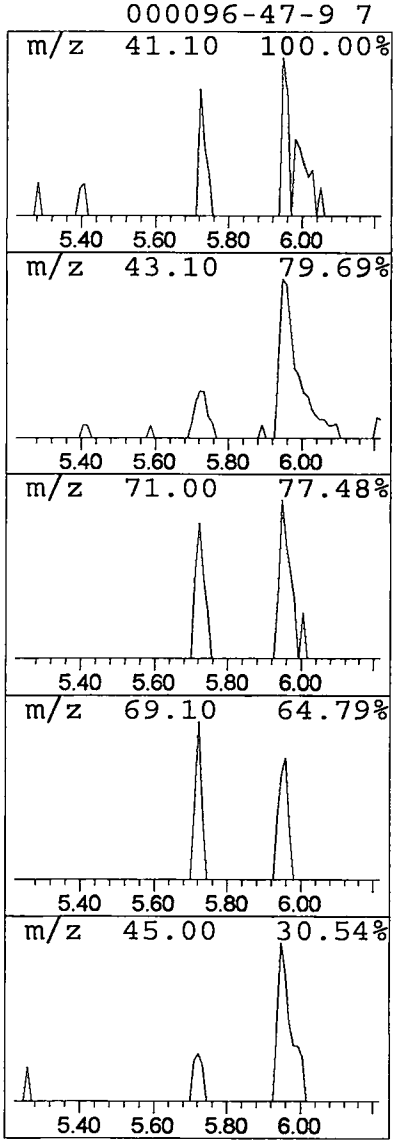
****

Peak Number 5 Furan, tetrahydro-2-methyl-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.72	0.04 ug/L	18698	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2-methyl- $$ T...	86	C5H10O	000096-47-9	9
2	Cyclopropanecarboxylic acid (CAS...	86	C4H6O2	001759-53-1	9
3	Pentane, 2-methyl- (CAS) $$ 2-Me...	86	C6H14	000107-83-5	9
4	Furan, tetrahydro-2-methyl- (CAS...	86	C5H10O	000096-47-9	7





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02086.D Vial: 3
Acq On : 26 Feb 2002 4:27 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

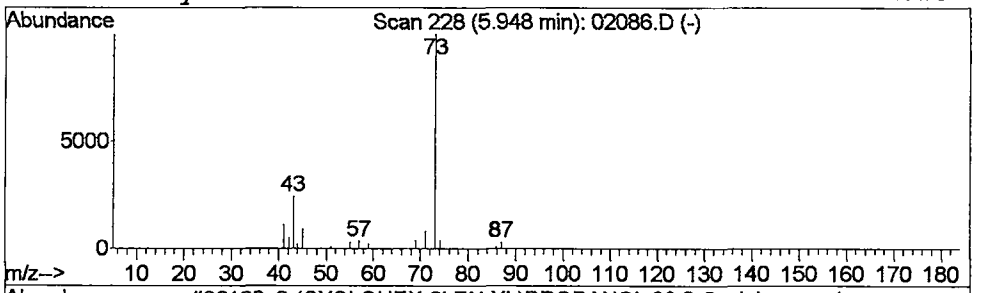
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

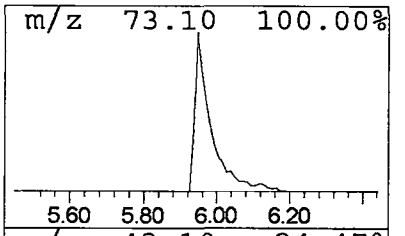
****

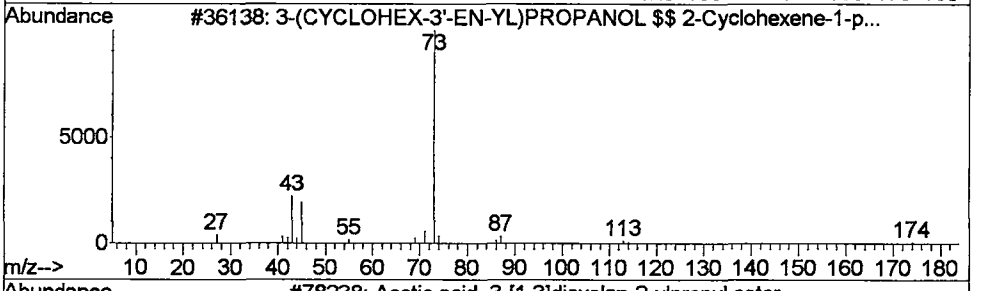
Peak Number 6 3-(CYCLOHEX-3'-EN-YL)PROPAN... Concentration Rank 2

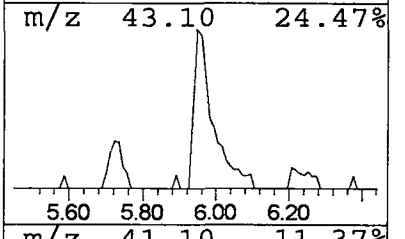
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	0.32 ug/L	156904	1,4-Dichlorobenzene-d4	9.72

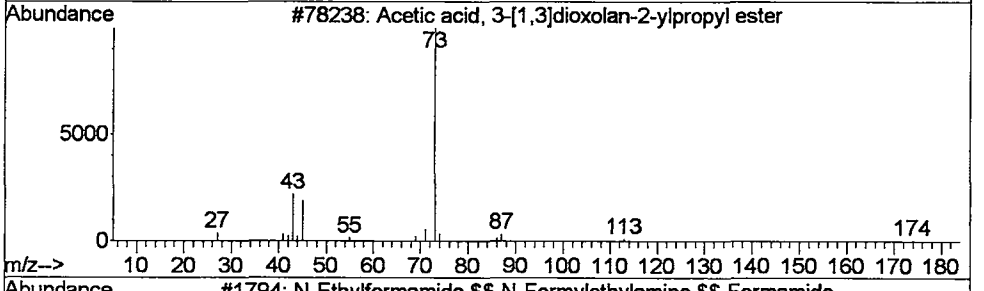
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	36
2	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	36
3	N-Ethylformamide $$ N-Formylethy...	73	C3H7NO	000627-45-2	9
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9

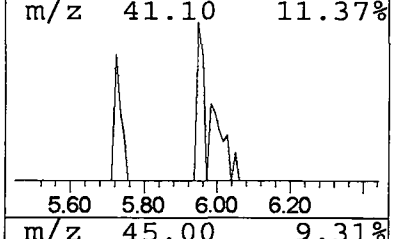


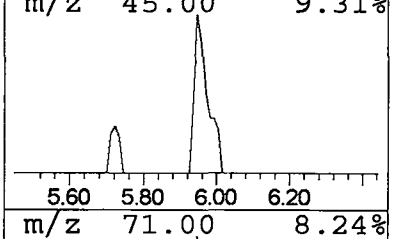


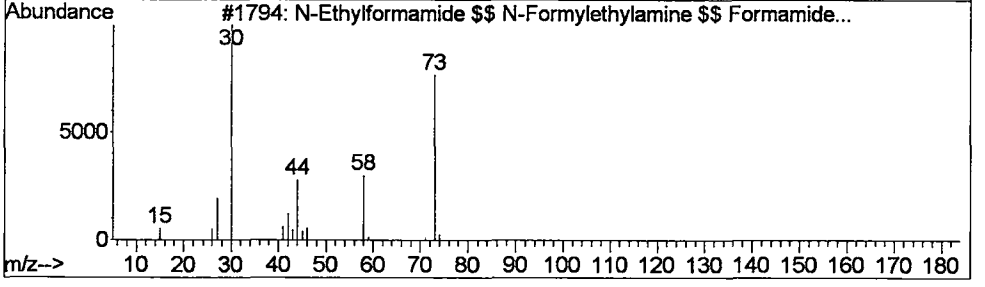


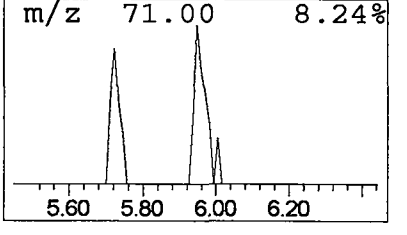












Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02086.D Vial: 3
Acq On : 26 Feb 2002 4:27 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

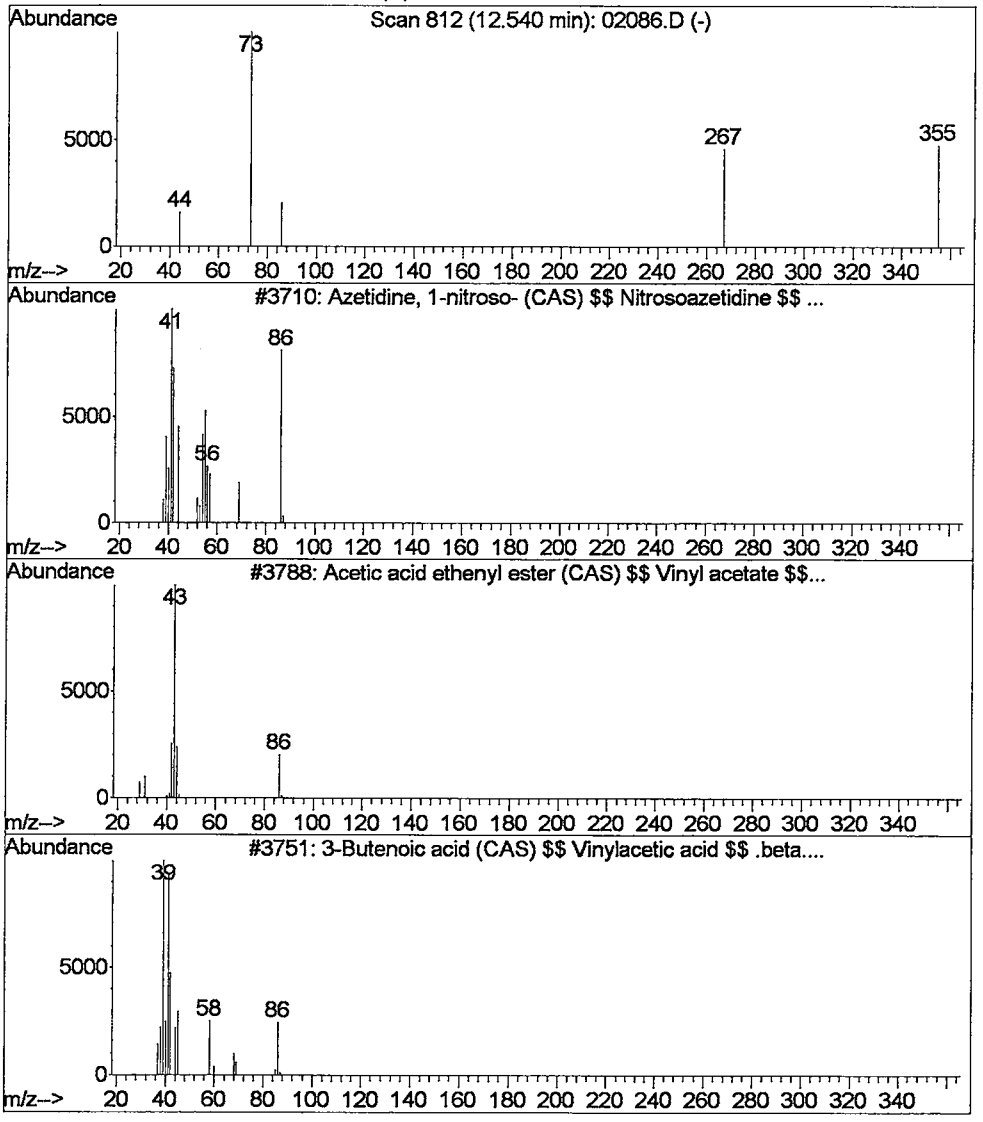
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

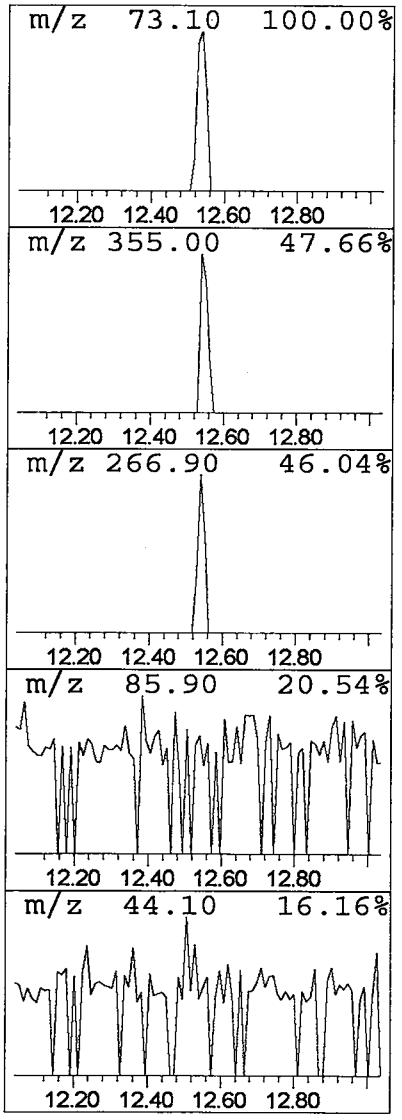
****

Peak Number 7 Azetidine, 1-nitroso- (CAS)... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	0.03 ug/L	20033	Naphthalene-d8	13.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azetidine, 1-nitroso- (CAS) $$ N...	86	C3H6N2O	015216-10-1	4
2	Acetic acid ethenyl ester (CAS) ...	86	C4H6O2	000108-05-4	4
3	3-Butenoic acid (CAS) $$ Vinylac...	86	C4H6O2	000625-38-7	4
4	3-Butenoic acid $$ .beta.-Buteno...	86	C4H6O2	000625-38-7	4





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02086.D Vial: 3
Acq On : 26 Feb 2002 4:27 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

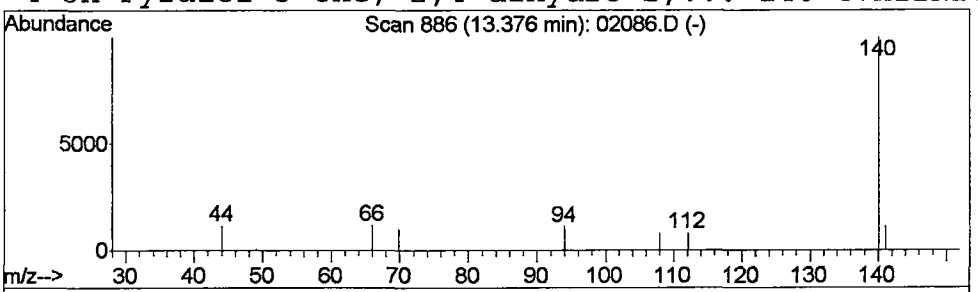
****

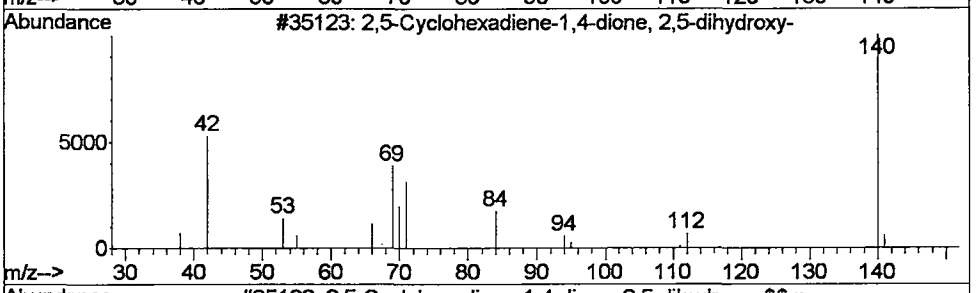
Peak Number 8 2,5-Cyclohexadiene-1,4-dion... Concentration Rank 8

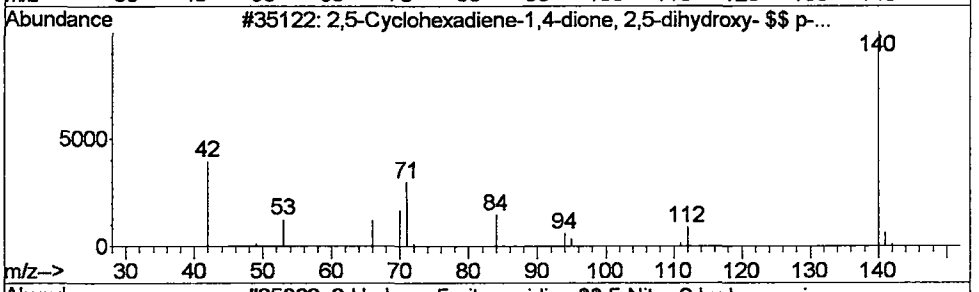
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	0.05 ug/L	35063	Naphthalene-d8	13.20

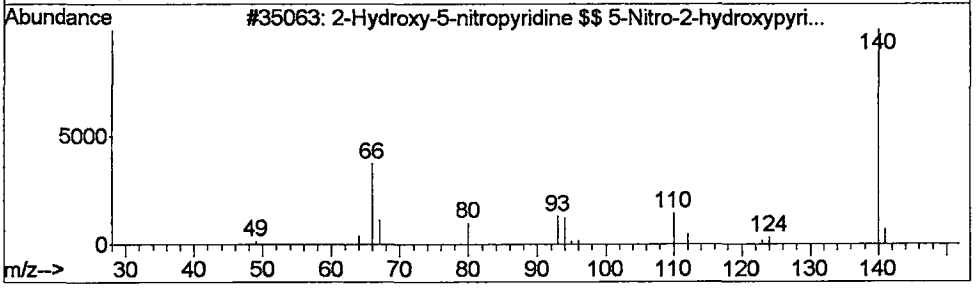
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadiene-1,4-dione, 2,...	140	C6H4O4	000615-94-1	83
2	2,5-Cyclohexadiene-1,4-dione, 2,...	140	C6H4O4	000615-94-1	74
3	2-Hydroxy-5-nitropyridine $$ 5-N...	140	C5H4N2O3	005418-51-9	40
4	3H-Pyrazol-3-one, 2,4-dihydro-2,...	140	C7H12N2O	003201-25-0	9

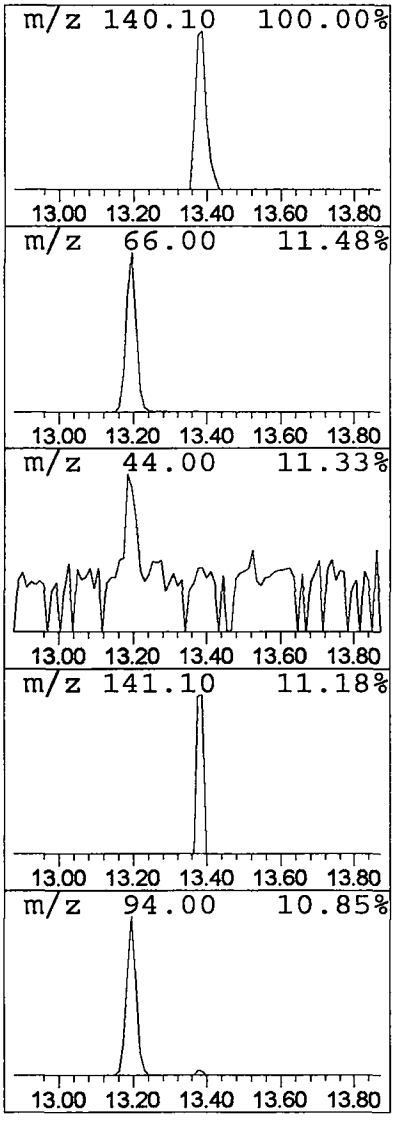
ND GOOD MATCH











Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02086.D Vial: 3
Acq On : 26 Feb 2002 4:27 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

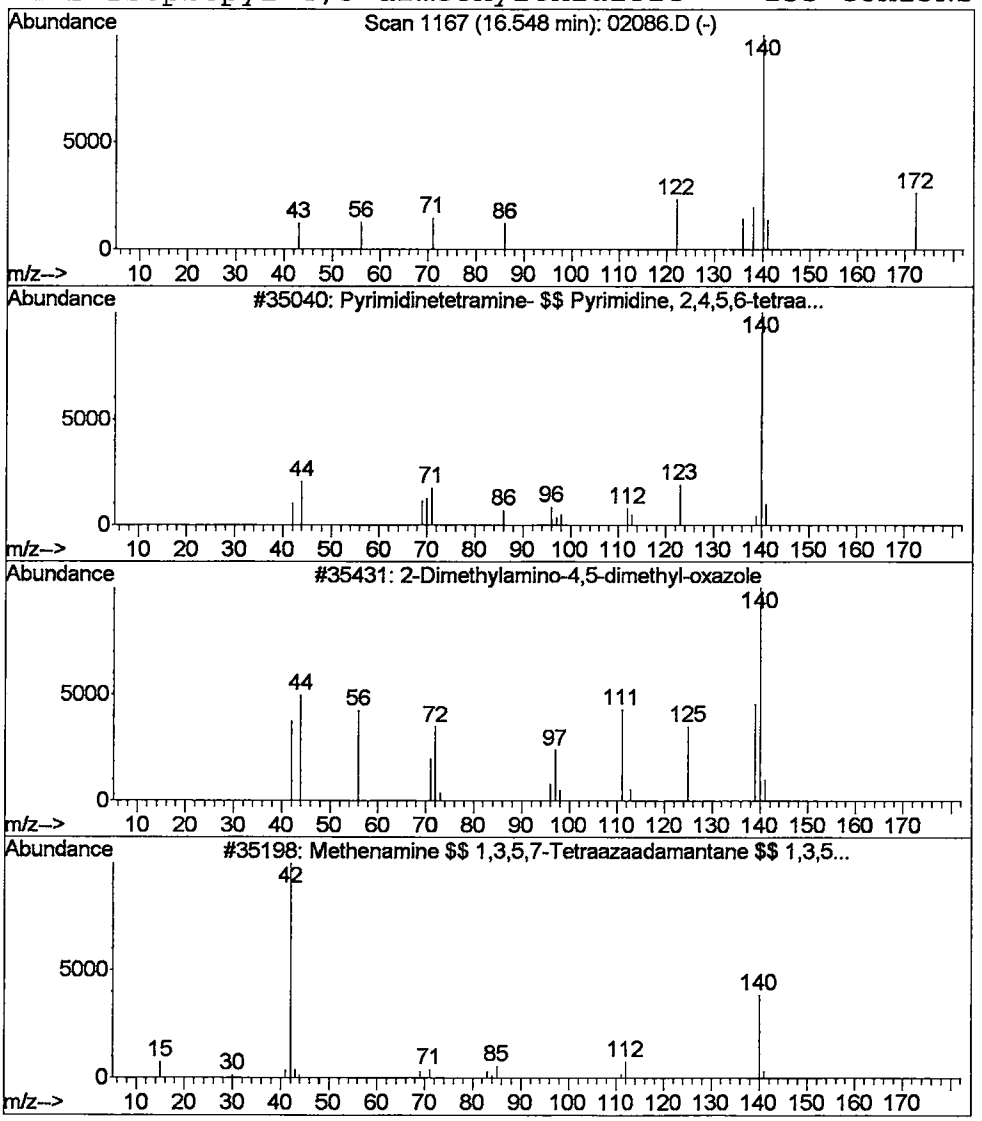
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

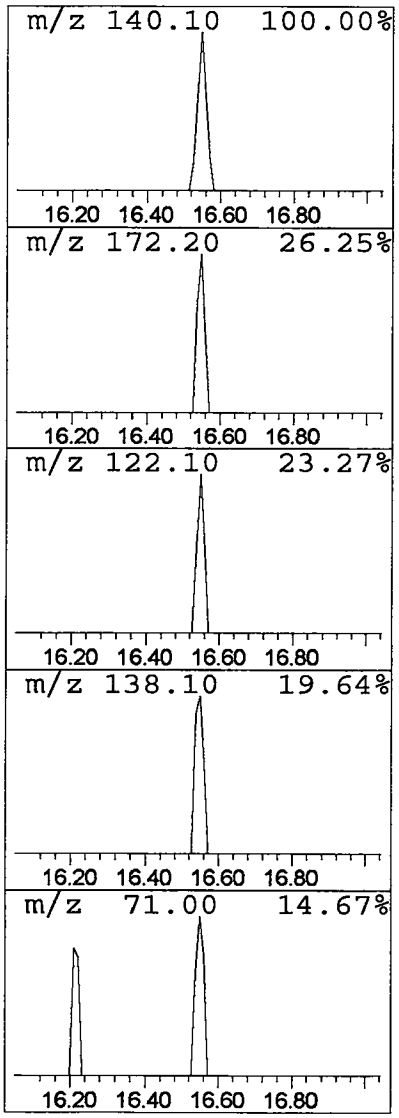
****

Peak Number 9 Pyrimidinetetramine- $$ Pyr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	0.03 ug/L	21910	Acenaphthene-d10	18.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrimidinetetramine- $$ Pyrimidi...	140	C4H8N6	001004-74-6	37
2	2-Dimethylamino-4,5-dimethyl-oxa...	140	C7H12N2O	000000-00-0	9
3	Methenamine $$ 1,3,5,7-Tetraazaa...	140	C6H12N4	000100-97-0	9
4	2-Isopropyl-4,5-dimethylthiazole	155	C8H13NS	053498-30-9	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02086.D Vial: 3
Acq On : 26 Feb 2002 4:27 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

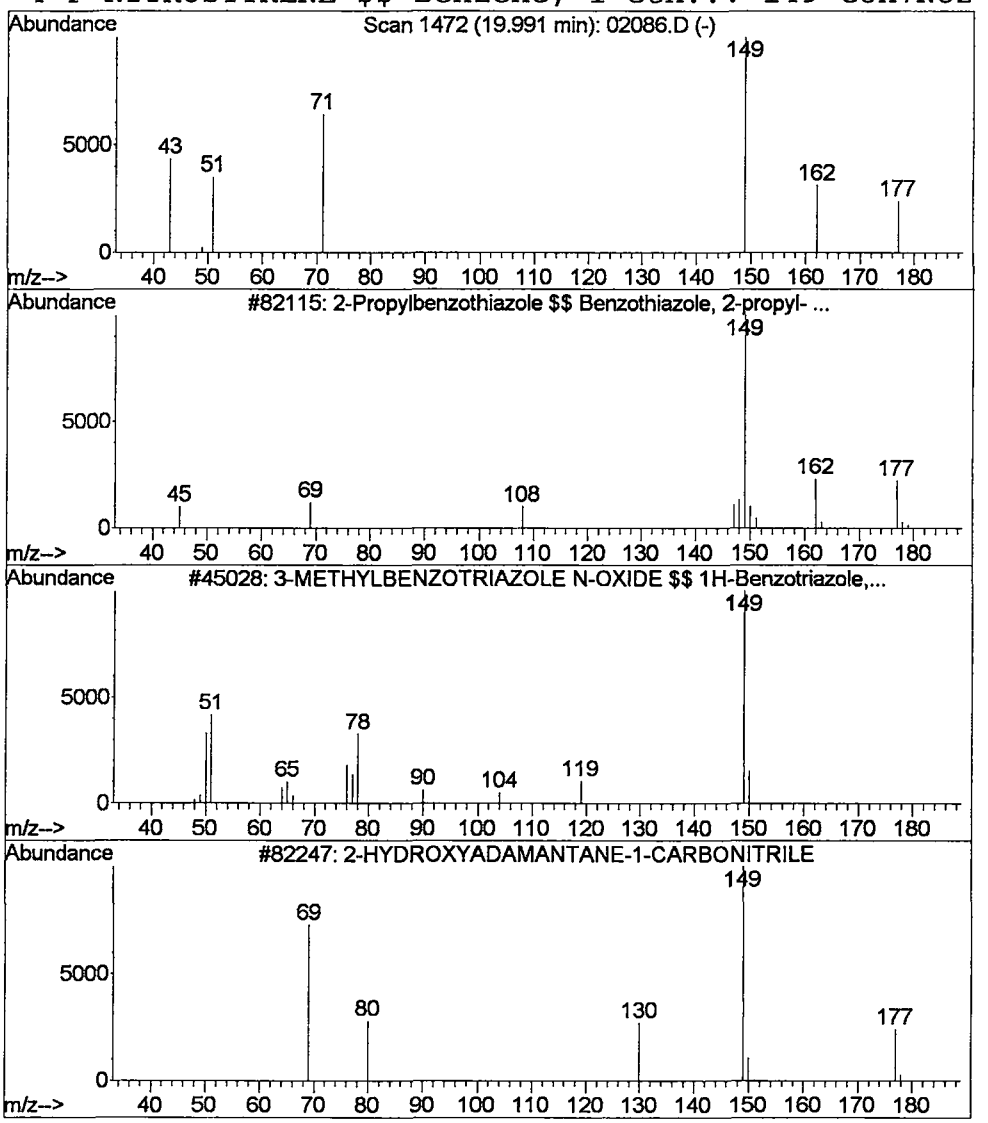
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

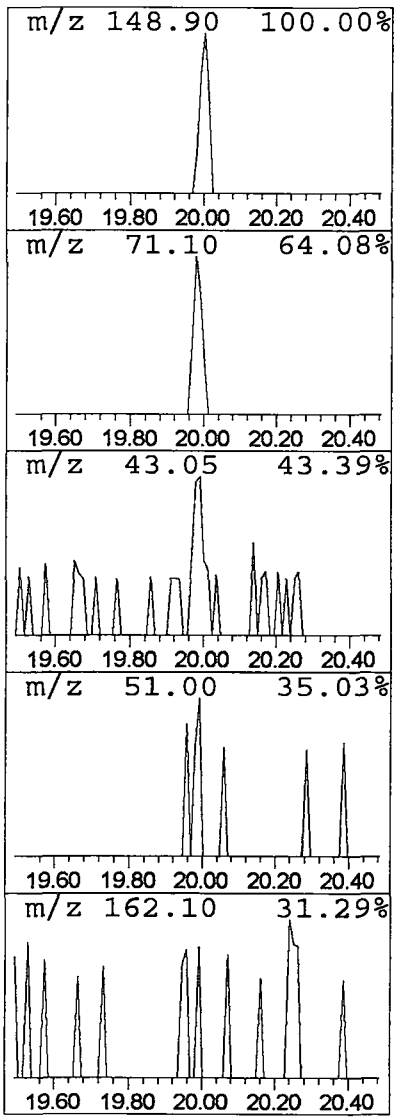
****

Peak Number 10 2-Propylbenzothiazole $$ Be... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.99	0.03 ug/L	21115	Acenaphthene-d10	18.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propylbenzothiazole $$ Benzoth...	177	C10H11NS	017229-76-4	9
2	3-METHYLBENZOTRIAZOLE N-OXIDE $$...	149	C7H7N3O	026198-26-5	5
3	2-HYDROXYADAMANTANE-1-CARBONITRILE	177	C11H15NO	000000-00-0	5
4	P-NITROSTYRENE $$ Benzene, 1-eth...	149	C8H7NO2	000100-13-0	4





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02086.D Vial: 3
Acq On : 26 Feb 2002 4:27 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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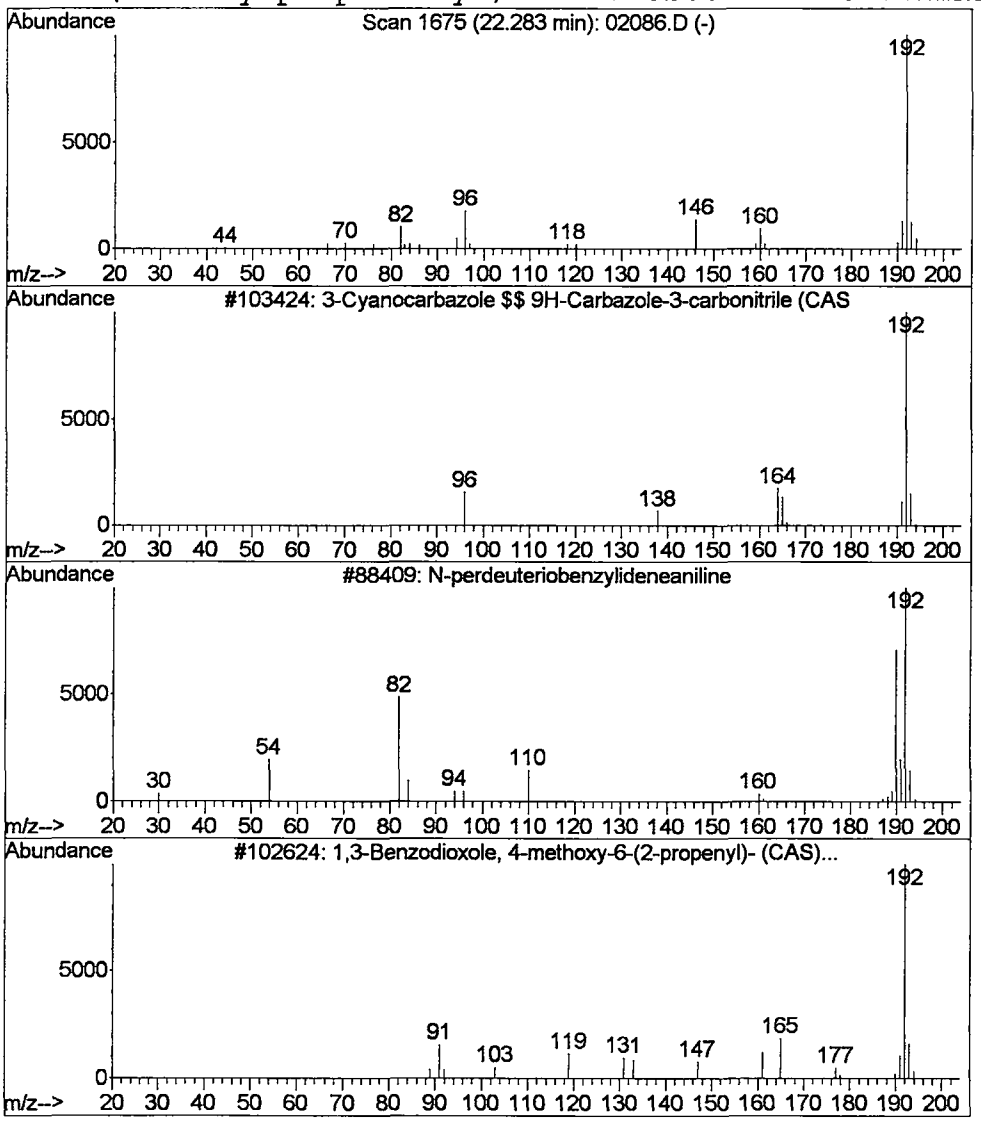
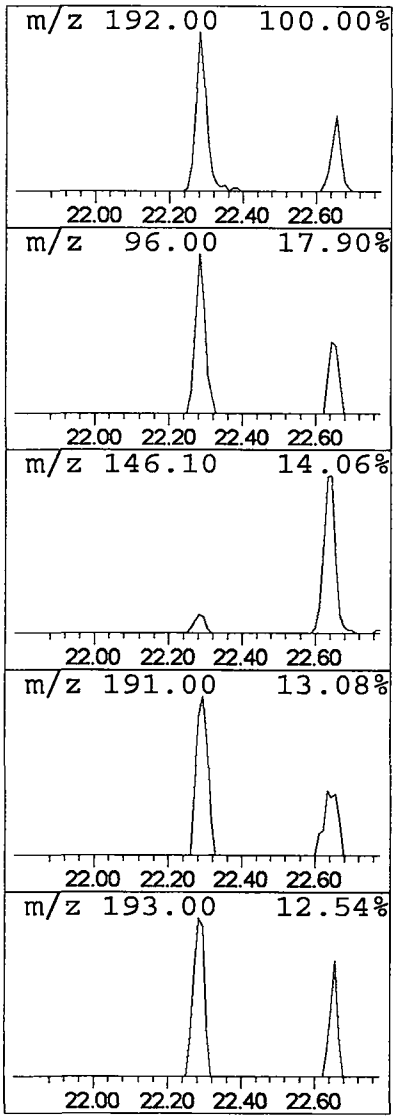
Peak Number 11 3-Cyanocarbazole $$ 9H-Carb... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.14 ug/L	118007	Phenanthrene-d10	22.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyanocarbazole $$ 9H-Carbazole...	192	C13H8N2	057102-93-9	64
2	N-perdeuteriobenzylideneaniline	192	C13D11N	000538-51-2	58
3	1,3-Benzodioxole, 4-methoxy-6-(2...	192	C11H12O3	000607-91-0	53
4	N-(2-methylprop-2-enyl)-2-nitrob...	192	C10H12N2O2	000000-00-0	47





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02086.D Vial: 3
Acq On : 26 Feb 2002 4:27 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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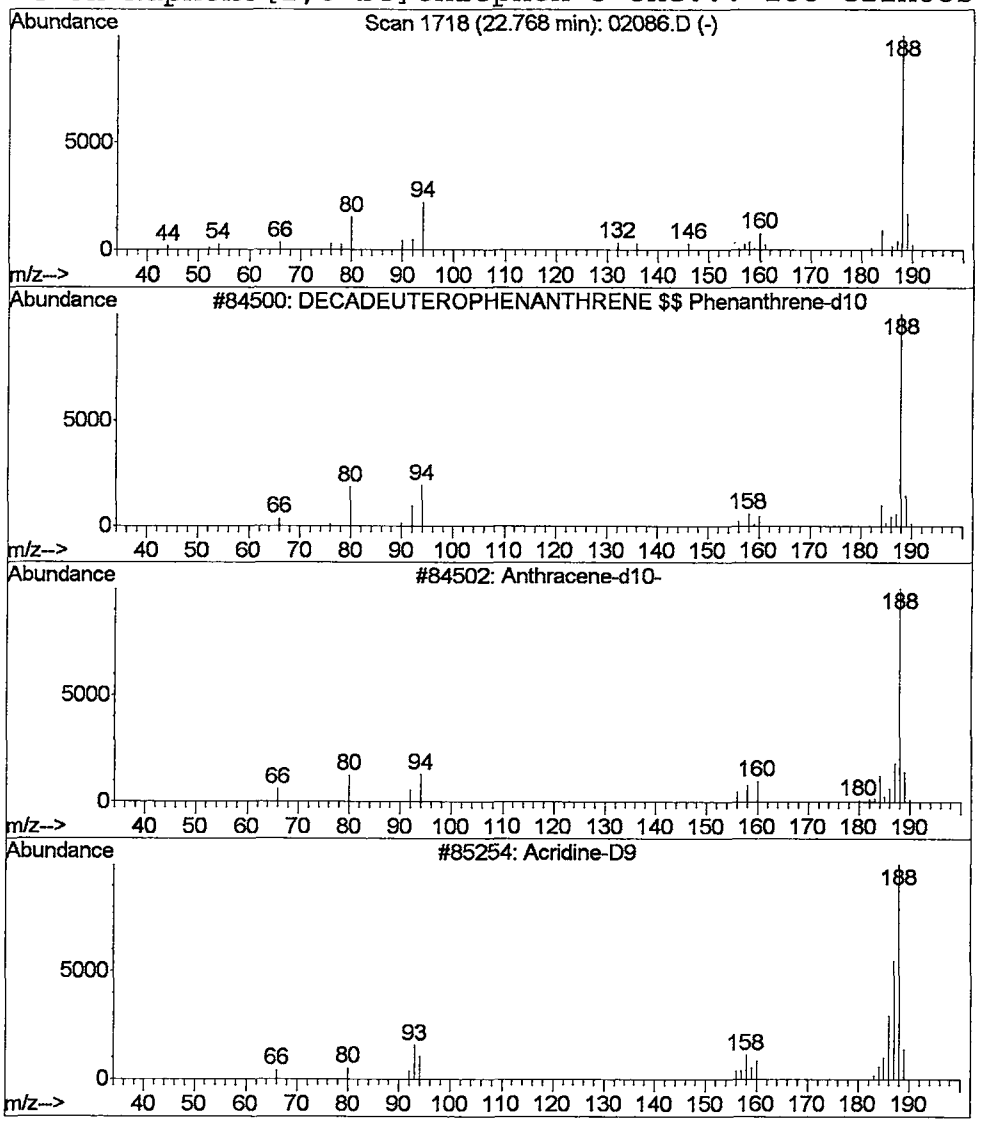
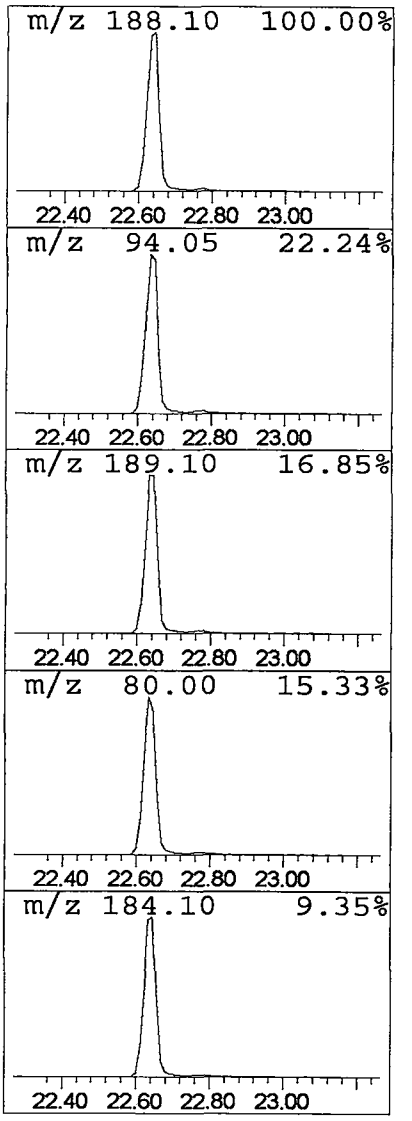
Peak Number 12 DECADEUTEROPHENANTHRENE $$ ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.51 ug/L	427336	Phenanthrene-d10	22.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	80
2	Anthracene-d10-	188	C14D10	001719-06-8	64
3	Acridine-D9	188	C13D9N	000000-00-0	53
4	3H-Naphtho[1,8-bc]thiophen-3-one...	188	C11H8OS	010245-79-1	50





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02086.D Vial: 3
Acq On : 26 Feb 2002 4:27 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

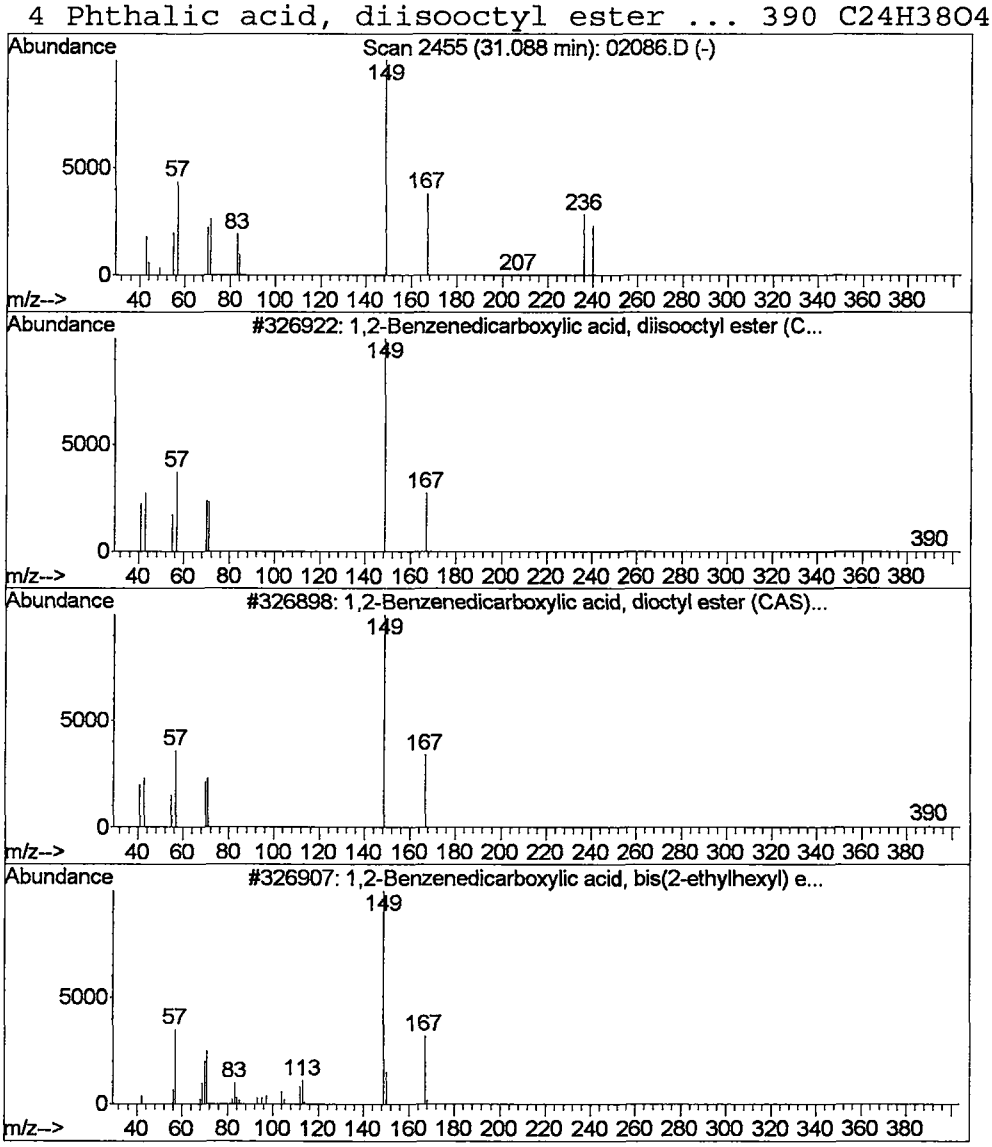
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

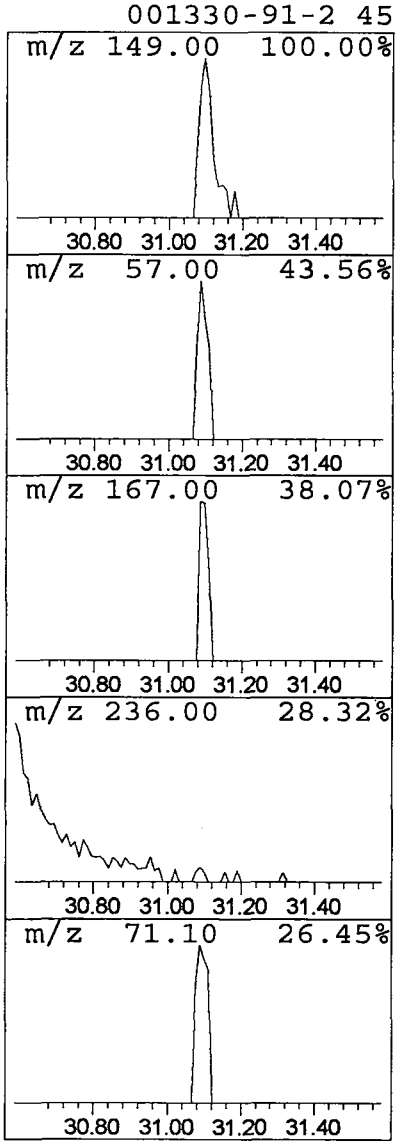
****

Peak Number 13 1,2-Benzenedicarboxylic aci... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.03 ug/L	20105	Chrysene-d12	30.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, di...	390	C24H38O4	027554-26-3	53
2	1,2-Benzenedicarboxylic acid, di...	390	C24H38O4	000117-84-0	53
3	1,2-Benzenedicarboxylic acid, bi...	390	C24H38O4	000117-81-7	45
4	Phthalic acid, diisooctyl ester ...	390	C24H38O4	001330-91-2	45





Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 26 Feb 2002 4:27 pm
Data File: C:\MSDCHEM\1\5973N\02FEB26\02086.D
Name: 508 scan
Misc: February 26, 2002
Method: C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
Title: 508 scan method
Library Searched: C:\DATABASE\WILEY7N.L

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--- #	RT	Resp	Conc
Butanoic acid, me...	3.62	0.1	ug/L	50785	1	9.72	9886820	20.0
ISOBUTYRALDEHYDE,...	3.93	0.1	ug/L	32711	1	9.72	9886820	20.0
2-Propenoic acid,...	4.27	0.1	ug/L	28287	1	9.72	9886820	20.0
Imidazole-2,4,5-d...	5.02	0.1	ug/L	34393	1	9.72	9886820	20.0
Furan, tetrahydro...	5.72	0.0	ug/L	18698	1	9.72	9886820	20.0
3-(CYCLOHEX-3'-EN...	5.95	0.3	ug/L	156904	1	9.72	9886820	20.0
Azetidine, 1-nitr...	12.54	0.0	ug/L	20033	2	13.20	14410500	20.0
2,5-Cyclohexadien...	13.38	0.0	ug/L	35063	2	13.20	14410500	20.0
Pyrimidinetetrami...	16.55	0.0	ug/L	21910	3	18.34	15872900	20.0
2-Propylbenzothia...	19.99	0.0	ug/L	21115	3	18.34	15872900	20.0
3-Cyanocarbazole ...	22.28	0.1	ug/L	118007	4	22.64	16794600	20.0
DECADEUTEROPHENAN...	22.77	0.5	ug/L	427336	4	22.64	16794600	20.0
1,2-Benzenedicarb...	31.09	0.0	ug/L	20105	5	30.49	15821400	20.0

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/01/2002 Time: 14:43:40

Sample: AE02088
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/1/02 14:42 Ended: 3/1/02 14:42 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		87		5.0

Comments for Sample AE02088 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-01-2002 Time: 14:44:36

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 23 of the 43 compounds in the LCS Standard were above their acceptance ranges.

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB26\02088.D Vial: 5
Acq On : 26 Feb 2002 6:06 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 27 08:30:41 2002 Quant Results File: HP022102.RES

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Last Update : Mon Feb 25 10:47:59 2002
Response via : Initial Calibration
DataAcq Meth : HP020702

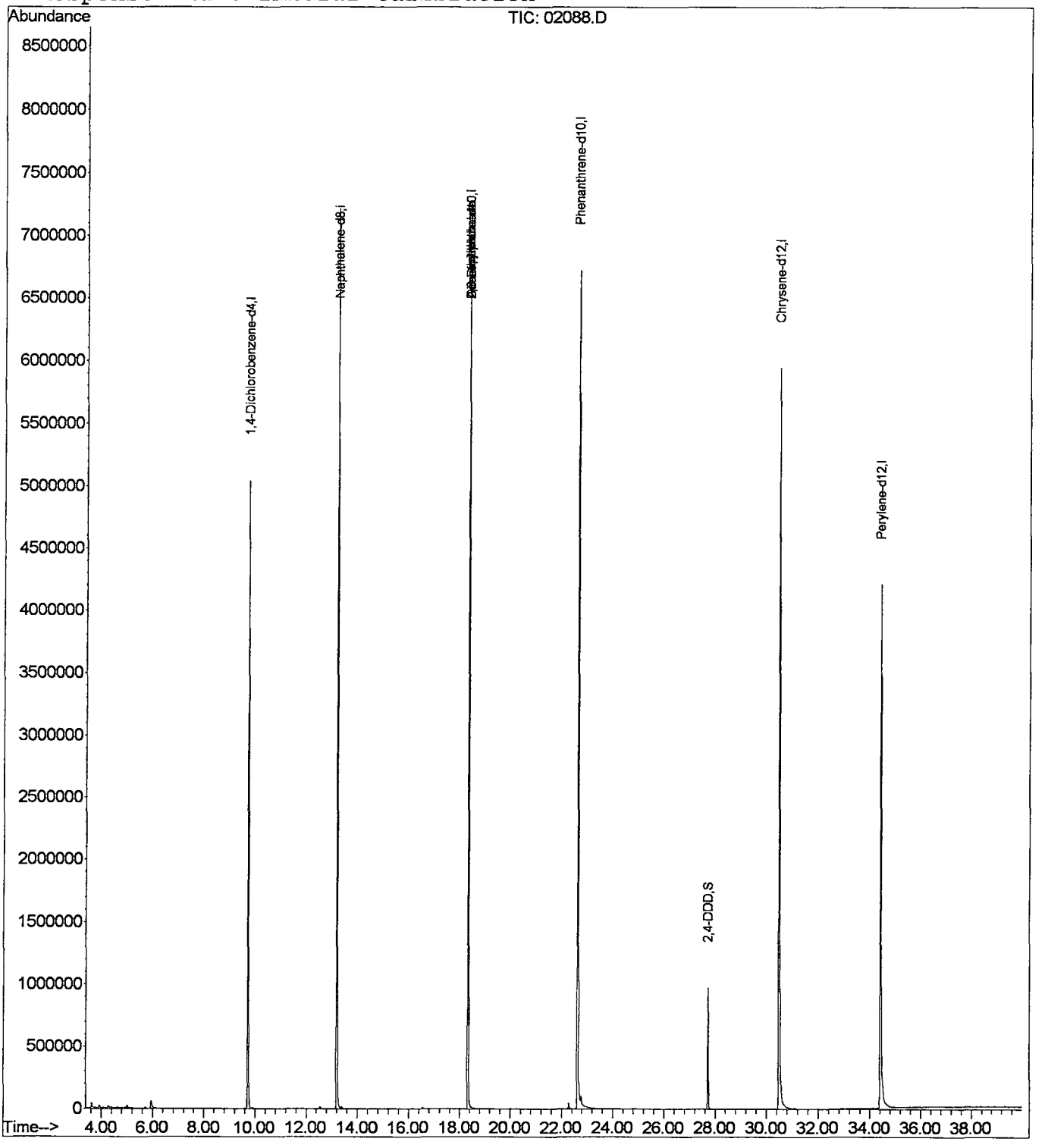
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.72	152	1709845	20.00	ug/L	0.00
10) Naphthalene-d8	13.20	136	7244779	20.00	ug/L	0.00
17) Acenaphthene-d10	18.34	164	3617353	20.00	ug/L	0.00
29) Phenanthrene-d10	22.63	188	5990475	20.00	ug/L	-0.01
38) Chrysene-d12	30.49	240	4910766	20.00	ug/L	-0.03
44) Perylene-d12	34.41	264	3520790	20.00	ug/L	-0.04
System Monitoring Compounds						
37) 2,4-DDD	27.72	235	346415	4.34	ug/L	0.00
Spiked Amount 5.000			Recovery = 86.80%			
Target Compounds						Qvalue
20) Dimethylphthalate	18.34	163	583852	2.66	ug/L #	57
21) 2,6-Dinitrotoluene	18.34	165	453845	8.96	ug/L #	27

(#) = qualifier out of range (m) = manual integration
02088.D HP022102.M Wed Feb 27 08:30:43 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB26\02088.D Vial: 5
Acq On : 26 Feb 2002 6:06 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 27 8:30 2002 Quant Results File: HP022102.R

Method : C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
Title : 508 scan method
Last Update : Mon Feb 25 10:47:59 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02088.D Vial: 5
Acq On : 26 Feb 2002 6:06 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
Title : 508 scan method
Smoothing : OFF Filtering: 5
Sampling : 2 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 20
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

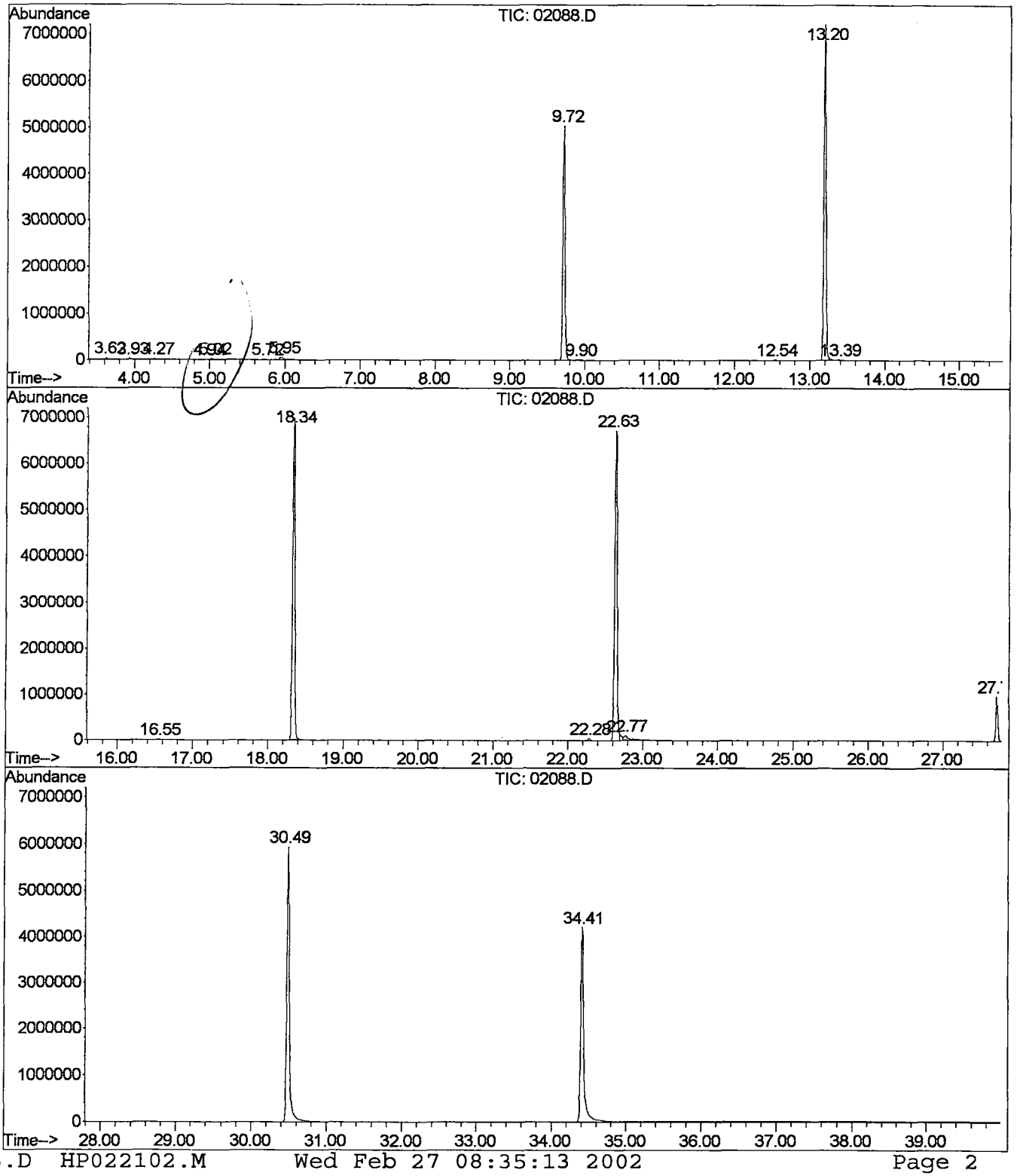
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.622	17	22	25	rBV	40225	59373	0.38%	0.072%
2	3.927	45	49	57	rVB2	20960	39745	0.26%	0.048%
3	4.266	77	79	85	rVV2	15083	36158	0.23%	0.044%
4	4.943	133	139	143	rBV5	7717	26704	0.17%	0.032%
5	5.022	143	146	151	rVV	24922	42235	0.27%	0.051%
6	5.722	205	208	215	rBV5	12351	27829	0.18%	0.034%
7	5.948	225	228	247	rVB	56309	183322	1.18%	0.222%
8	9.718	557	562	567	rBV	5036951	9548594	61.39%	11.550%
9	9.899	575	578	589	rVB	7876	29550	0.19%	0.036%
10	12.540	807	812	815	rVB2	17499	29307	0.19%	0.035%
11	13.195	865	870	875	rBV	7208476	13624815	87.60%	16.481%
12	13.387	883	887	893	rVB	14118	31778	0.20%	0.038%
13	16.548	1163	1167	1171	rBV	13269	27754	0.18%	0.034%
14	18.343	1321	1326	1331	rBV	6985195	14610328	93.93%	17.673%
15	22.283	1671	1675	1681	rVB2	46106	86074	0.55%	0.104%
16	22.633	1701	1706	1711	rBV2	6718545	15553779	100.00%	18.815%
17	22.768	1715	1718	1741	rVB	96427	464744	2.99%	0.562%
18	27.724	2153	2157	2163	rBV	972891	1699198	10.92%	2.055%
19	30.490	2397	2402	2433	rBV2	5934926	14550885	93.55%	17.601%
20	34.407	2743	2749	2779	rBV	4199573	11996458	77.13%	14.511%

Sum of corrected areas: 82668630

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02FEB26\02088.D
Operator :
Acquired : 26 Feb 2002 6:06 pm using AcqMethod HP020702
Instrument : Instrumen
Sample Name: 508 scan
Misc Info : February 26, 2002
Vial Number: 5
Quant File :HP022102.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02088.D Vial: 5
Acq On : 26 Feb 2002 6:06 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

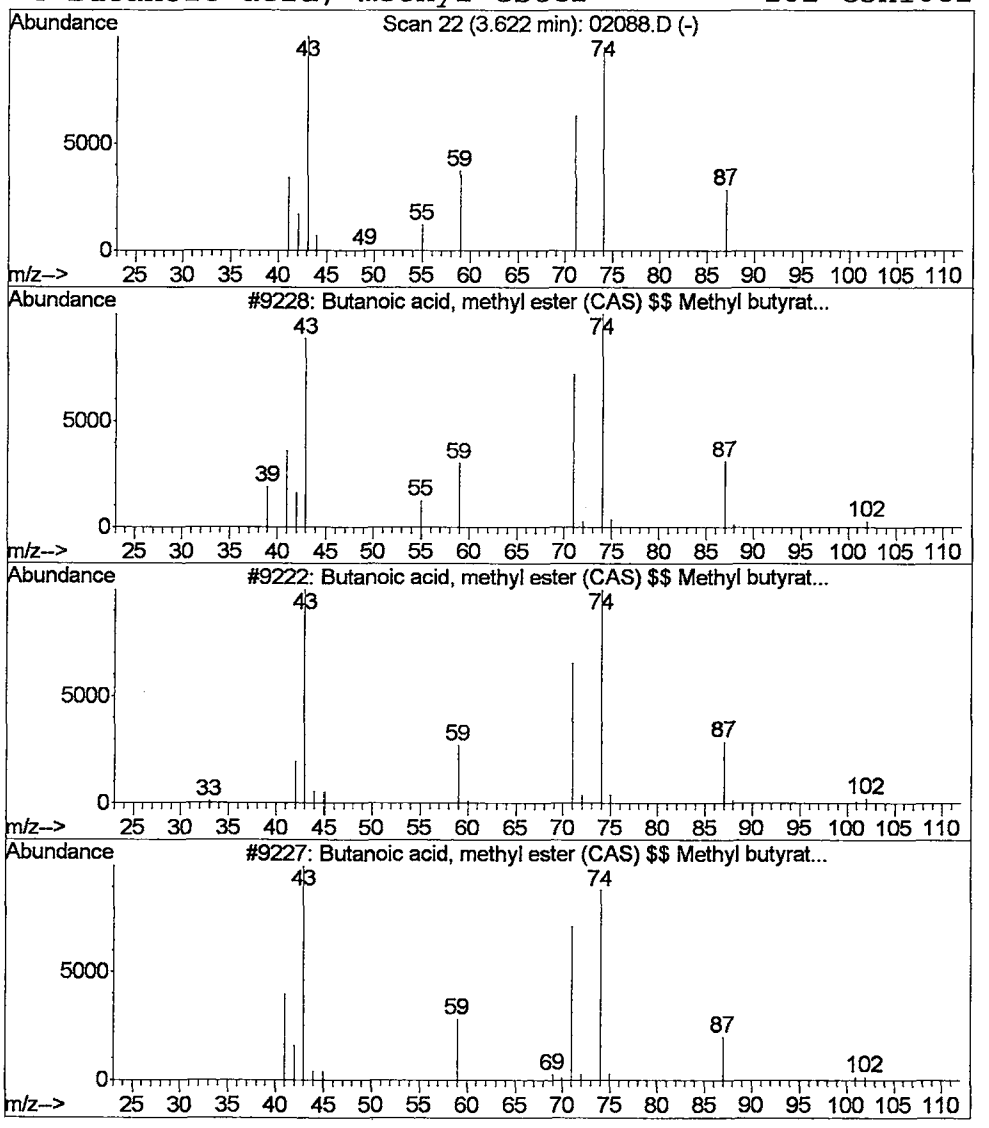
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

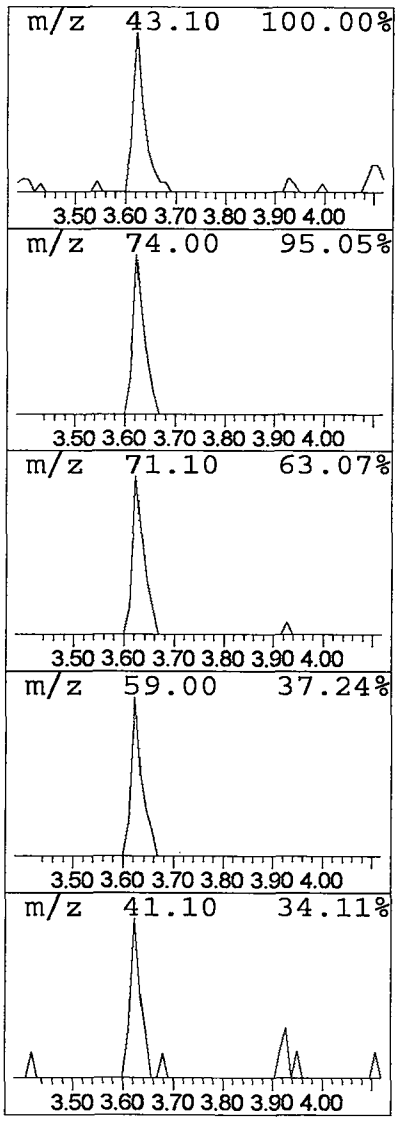
****

Peak Number 1 Butanoic acid, methyl ester... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.62	0.12 ug/L	59373	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
2	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
3	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
4	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	83





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02088.D Vial: 5
Acq On : 26 Feb 2002 6:06 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

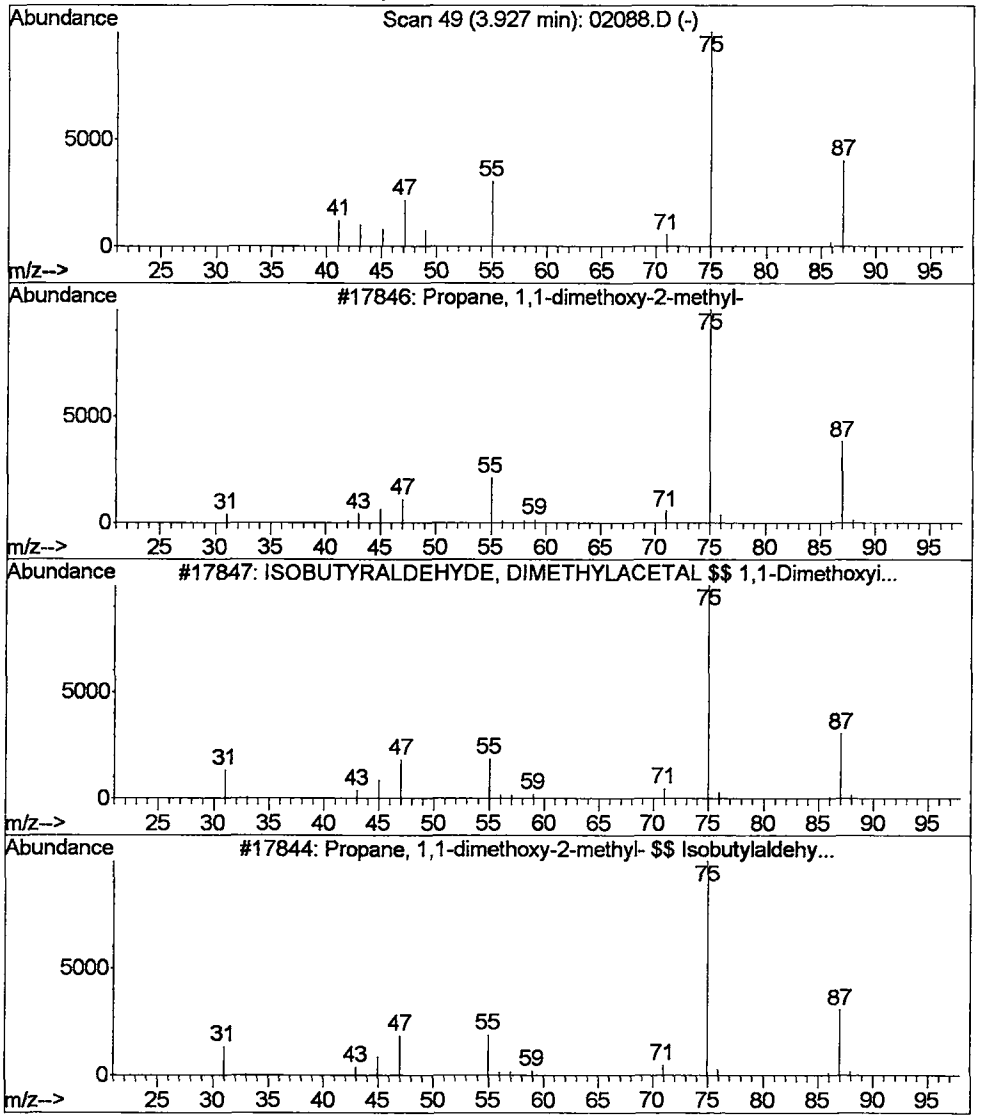
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

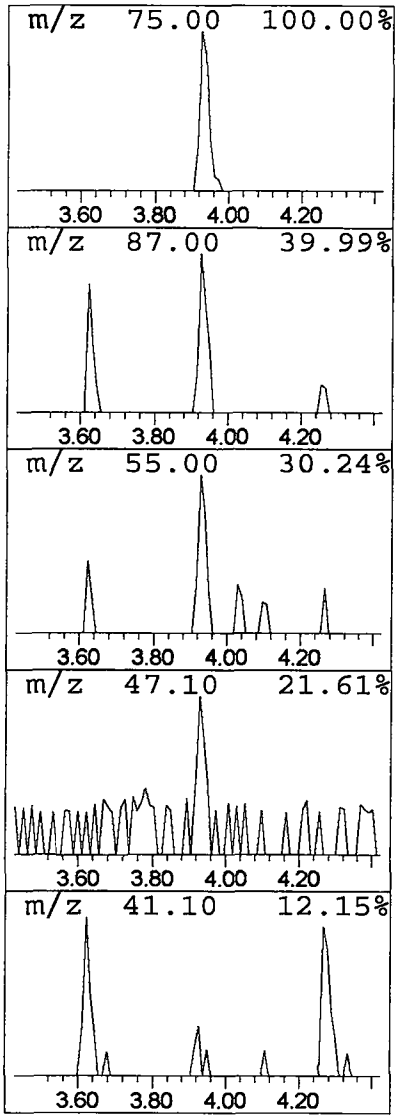
****

Peak Number 2 Propane, 1,1-dimethoxy-2-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.93	0.08 ug/L	39745	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-2-methyl-	118	C6H14O2	041632-89-7	83
2	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	74
3	Propane, 1,1-dimethoxy-2-methyl-...	118	C6H14O2	041632-89-7	74
4	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	40





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02088.D Vial: 5
Acq On : 26 Feb 2002 6:06 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

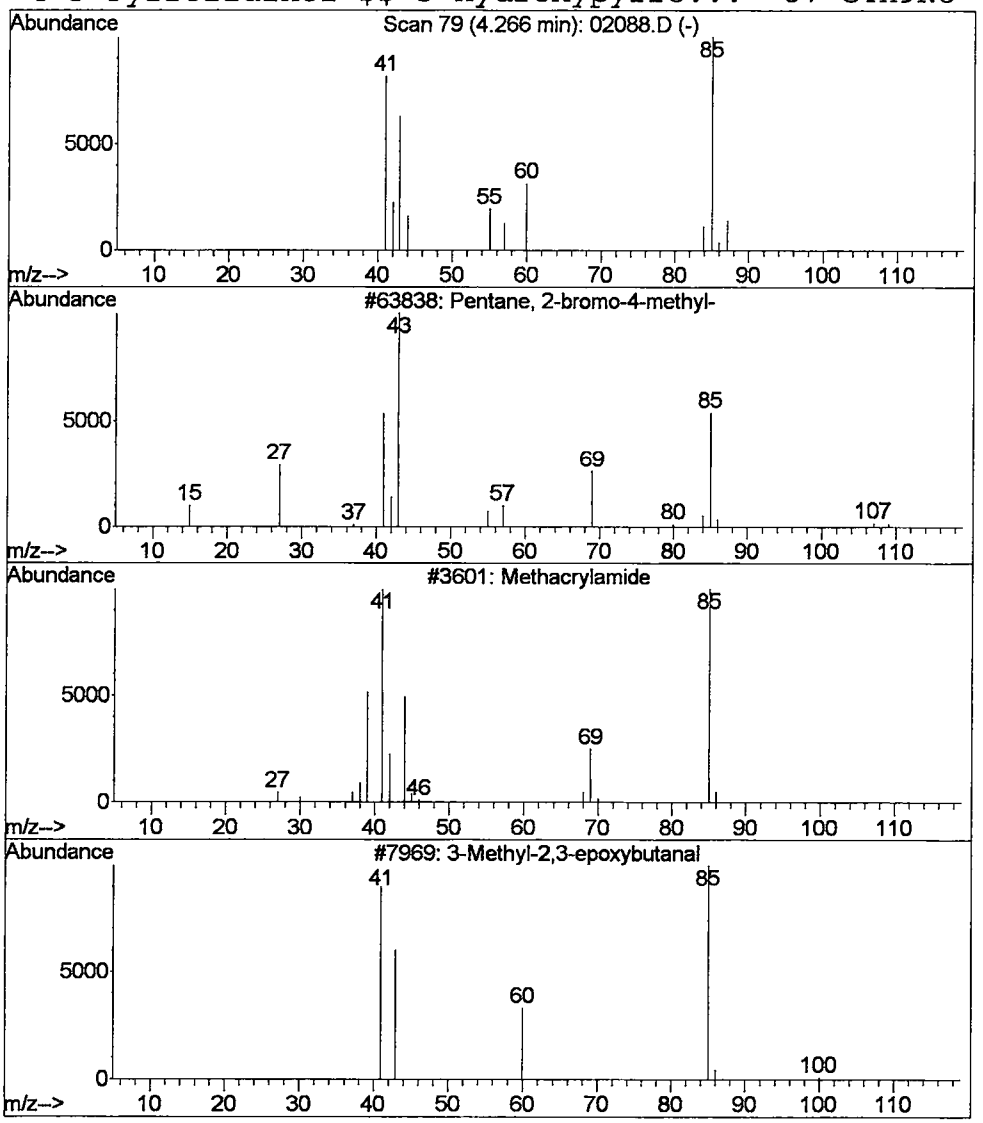
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

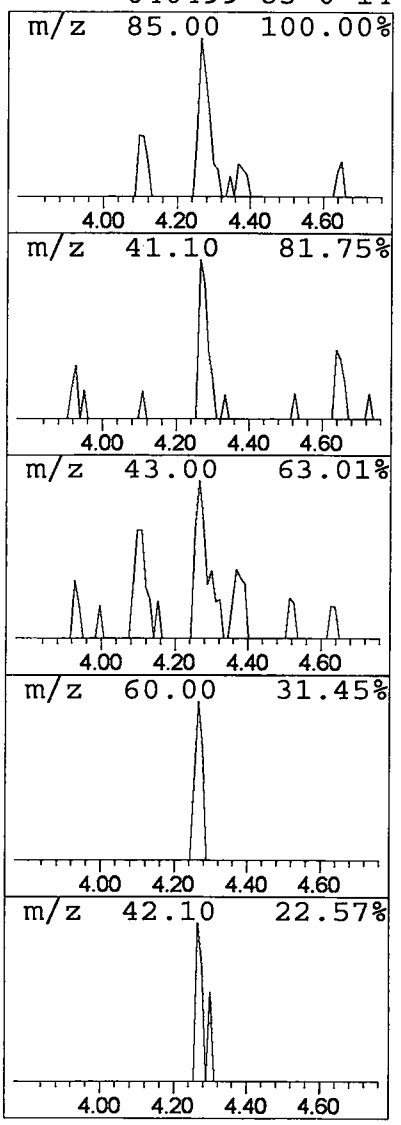
****

Peak Number 3 Pentane, 2-bromo-4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	0.08 ug/L	36158	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-bromo-4-methyl-	164	C6H13Br	030310-22-6	36
2	Methacrylamide	85	C4H7NO	000079-39-0	28
3	3-Methyl-2,3-epoxybutanal	100	C5H8O2	000000-00-0	28
4	3-Pyrrolidinol $$ 3-Hydroxypyrro...	87	C4H9NO	040499-83-0	14





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02088.D Vial: 5
Acq On : 26 Feb 2002 6:06 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

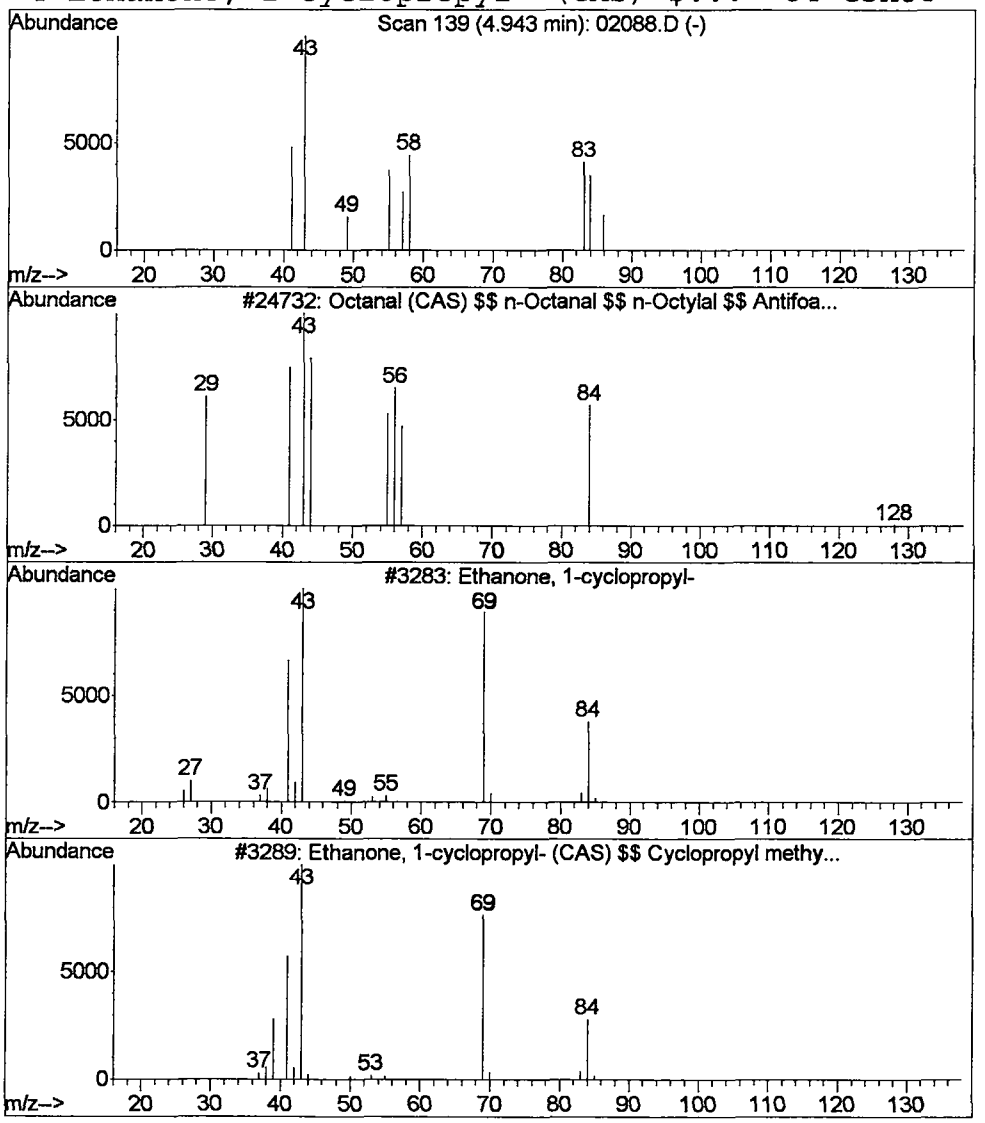
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

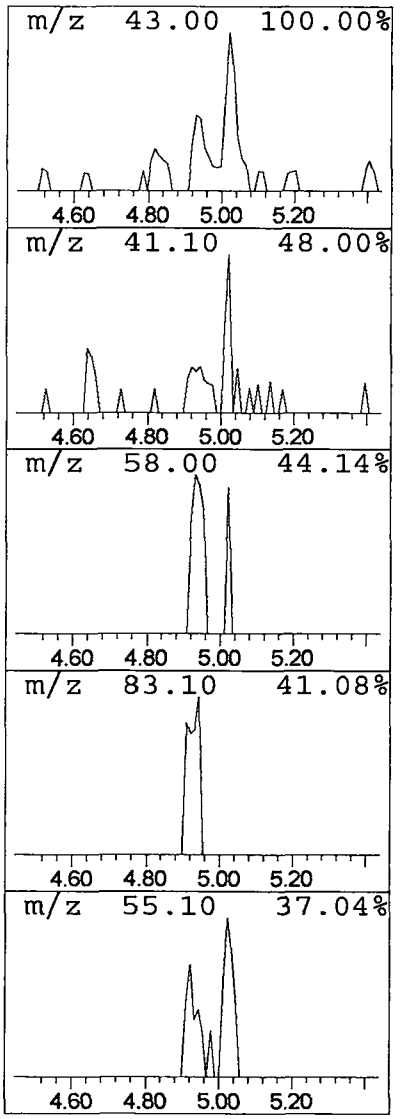
****

Peak Number 4 Octanal (CAS) $$ n-Octanal ... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.94	0.06 ug/L	26704	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal (CAS) $$ n-Octanal $$ n-...	128	C8H16O	000124-13-0	9
2	Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	7
3	Ethanone, 1-cyclopropyl- (CAS) $...	84	C5H8O	000765-43-5	5
4	Ethanone, 1-cyclopropyl- (CAS) $...	84	C5H8O	000765-43-5	5





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Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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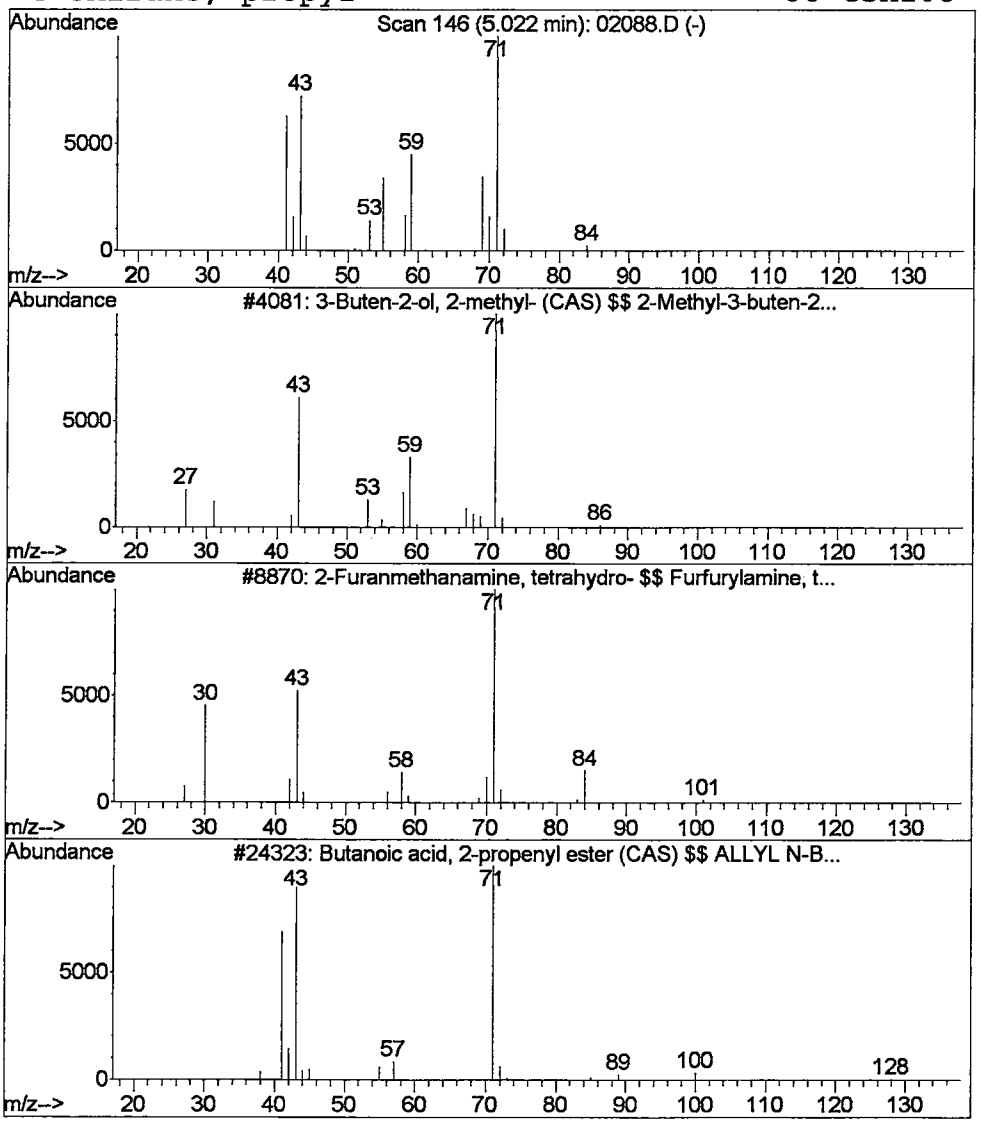
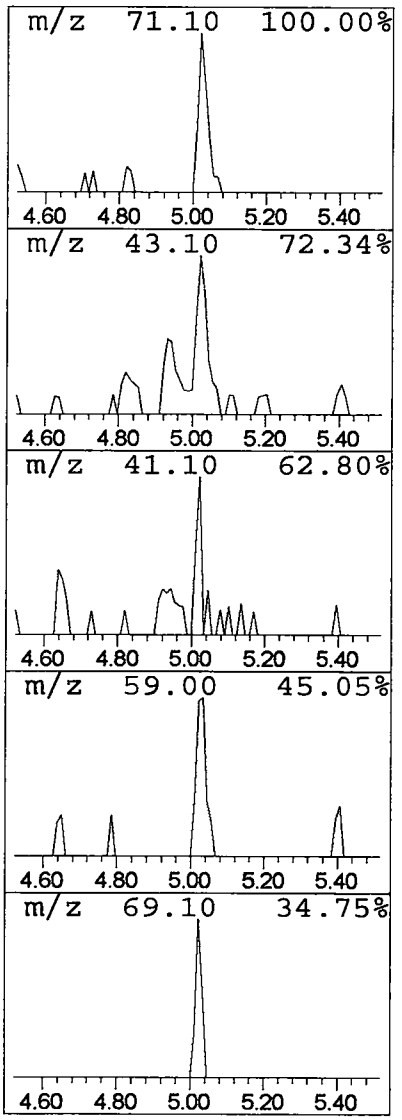
Peak Number 5 3-Buten-2-ol, 2-methyl- (CA... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	0.09 ug/L	42235	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-ol, 2-methyl- (CAS) $$...	86	C5H10O	000115-18-4	64
2	2-Furanmethanamine, tetrahydro- ...	101	C5H11NO	004795-29-3	42
3	Butanoic acid, 2-propenyl ester ...	128	C7H12O2	002051-78-7	37
4	Oxirane, propyl-	86	C5H10O	001003-14-1	36





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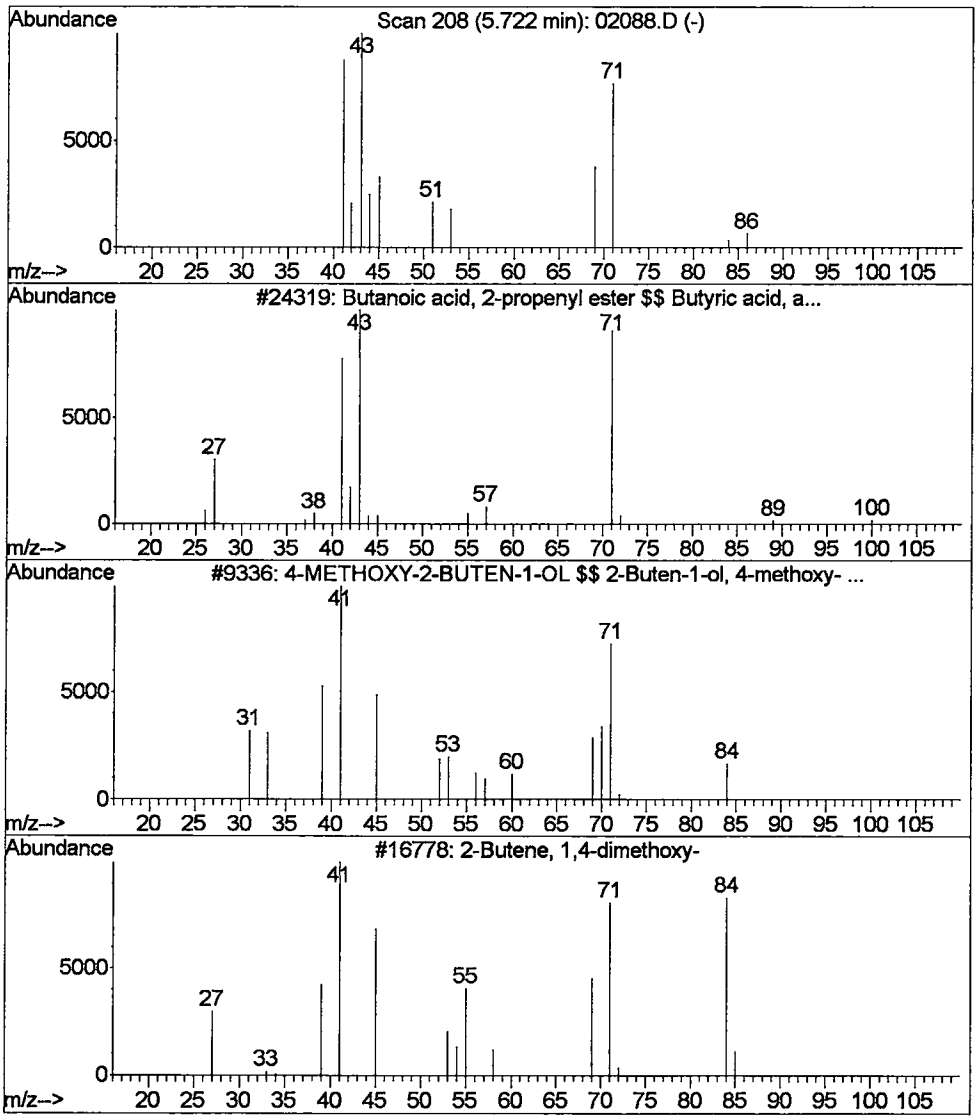
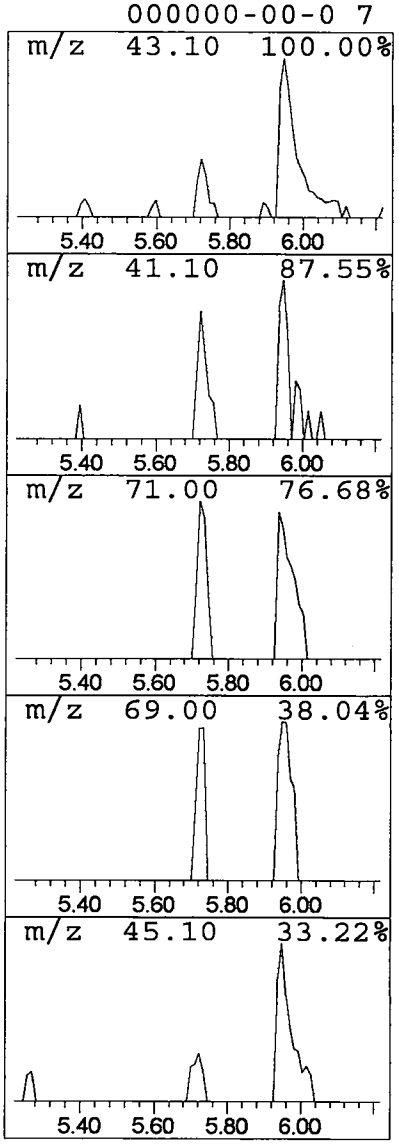
Peak Number 6 Butanoic acid, 2-propenyl e... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.72	0.06 ug/L	27829	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-propenyl ester ...	128	C7H12O2	002051-78-7	9
2	4-METHOXY-2-BUTEN-1-OL $$ 2-Bute...	102	C5H10O2	026089-32-7	9
3	2-Butene, 1,4-dimethoxy-	116	C6H12O2	026649-86-5	9
4	2-METHYLBUT-3-EN-2-OL	86	C5H10O	000000-00-0	7





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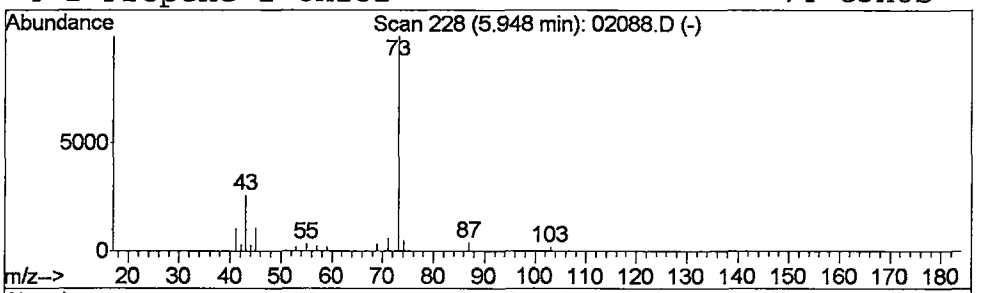
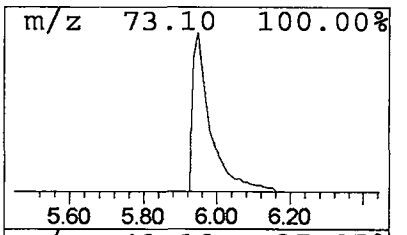
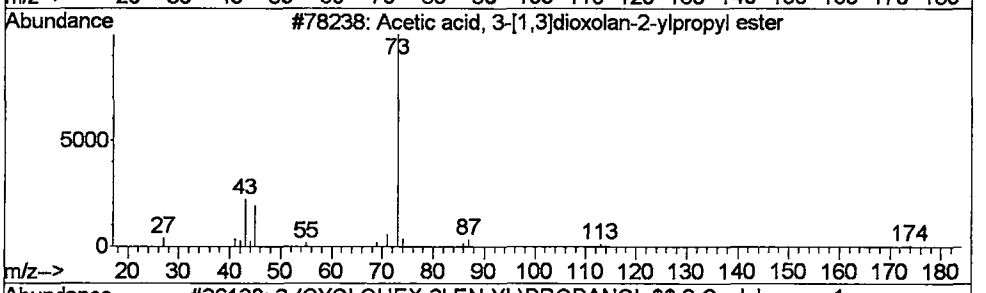
Peak Number 7 Acetic acid, 3-[1,3]dioxola... Concentration Rank 2

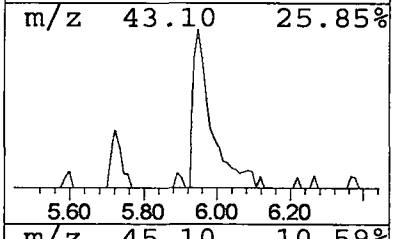
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	0.38 ug/L	183322	1,4-Dichlorobenzene-d4	9.72

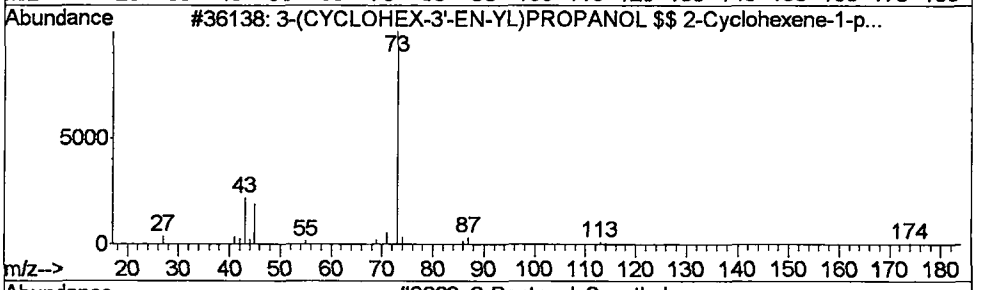
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	36
2	3-(CYCLOHEX-3'-EN-YL) PROPANOL $$...	174	C8H14O4	015745-87-6	36
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	33
4	1-Propene-1-thiol	74	C3H6S	000925-89-3	9

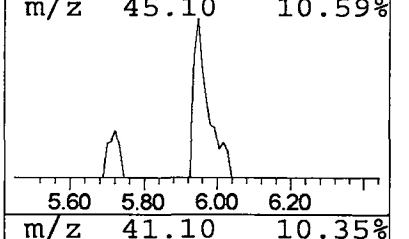


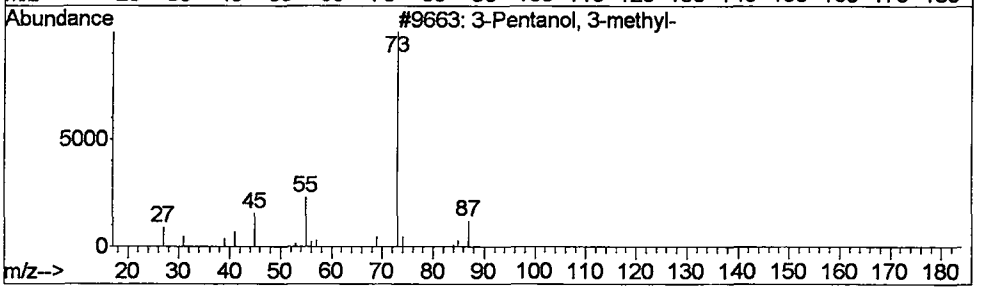


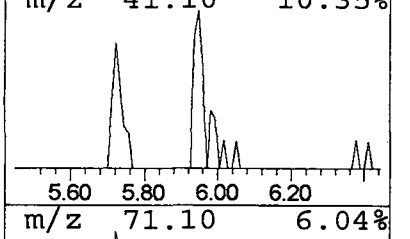


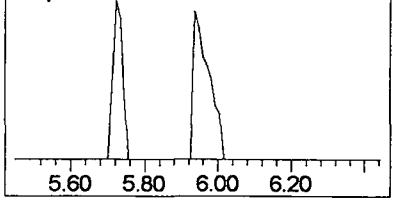












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Library : C:\DATABASE\WILEY7N.L

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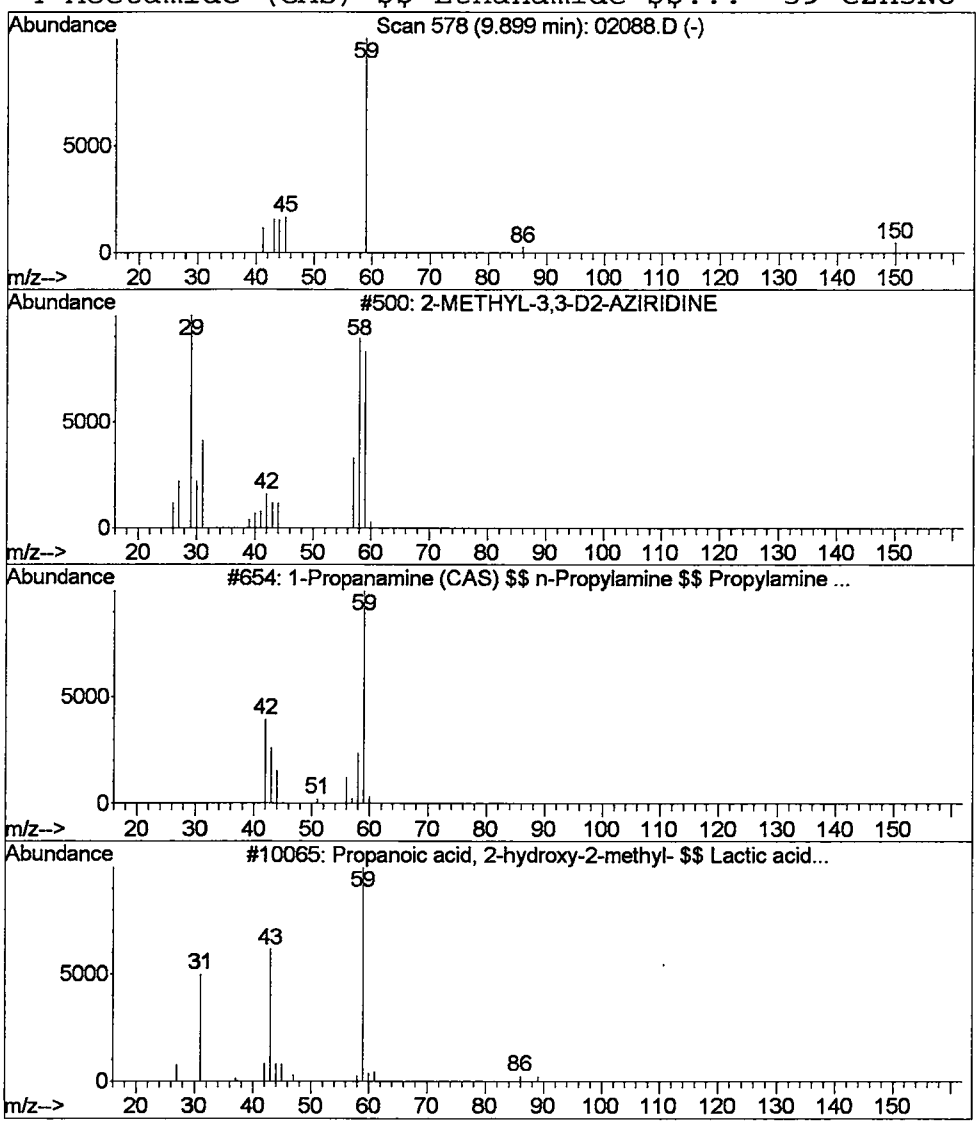
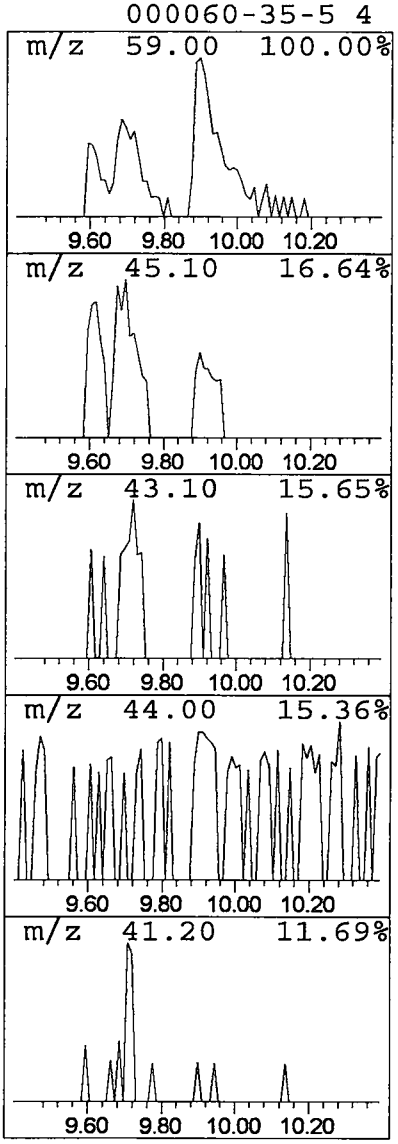
Peak Number 8 2-METHYL-3,3-D2-AZIRIDINE Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	0.06 ug/L	29550	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-METHYL-3,3-D2-AZIRIDINE	59	C3H5D2N	030691-55-5	9
2	1-Propanamine (CAS) $$ n-Propyla...	59	C3H9N	000107-10-8	4
3	Propanoic acid, 2-hydroxy-2-meth...	104	C4H8O3	000594-61-6	4
4	Acetamide (CAS) $$ Ethanamide $$...	59	C2H5NO	000060-35-5	4





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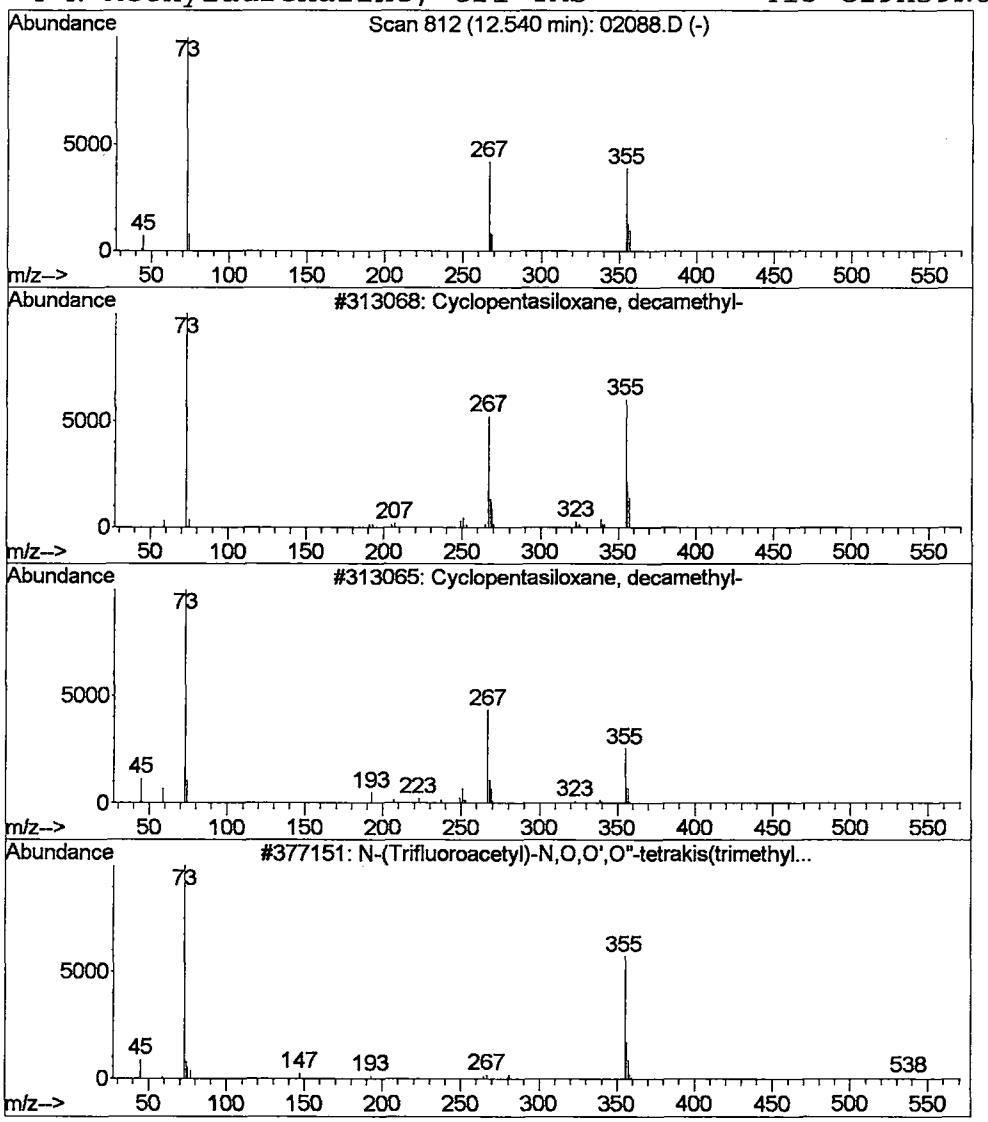
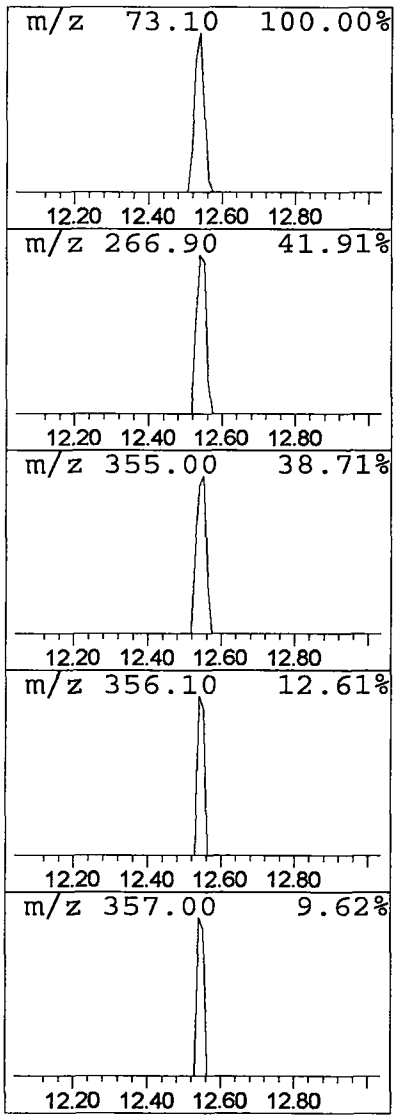
Peak Number 9 Cyclopentasiloxane, decamet... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	0.04 ug/L	29307	Naphthalene-d8	13.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	83
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	74
3	N-(Trifluoroacetyl)-N,O,O',O''-t...	553	C22H42F3NO4Si4	000000-00-0	50
4	N-Methyladrenaline, tri-TMS	413	C19H39NO3Si3	000000-00-0	33





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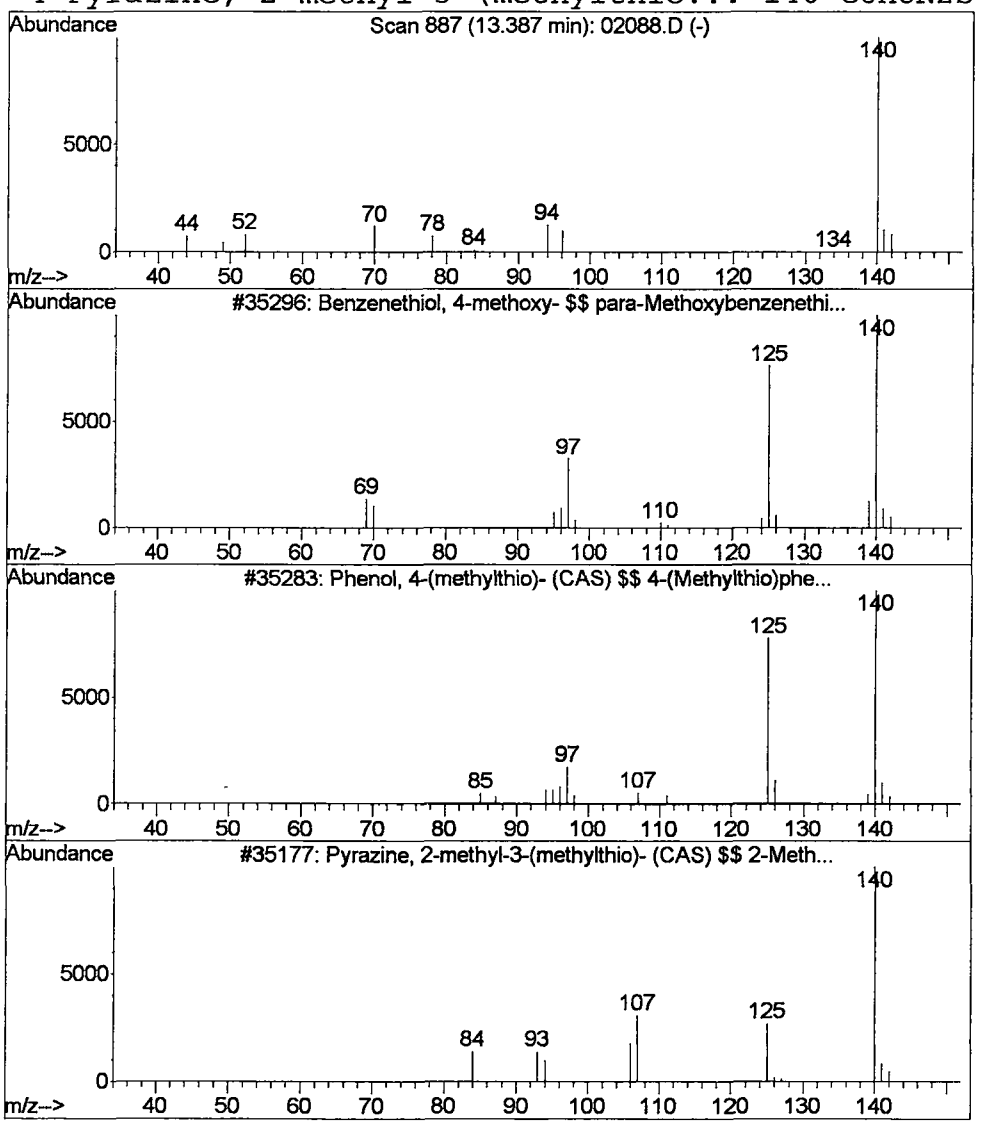
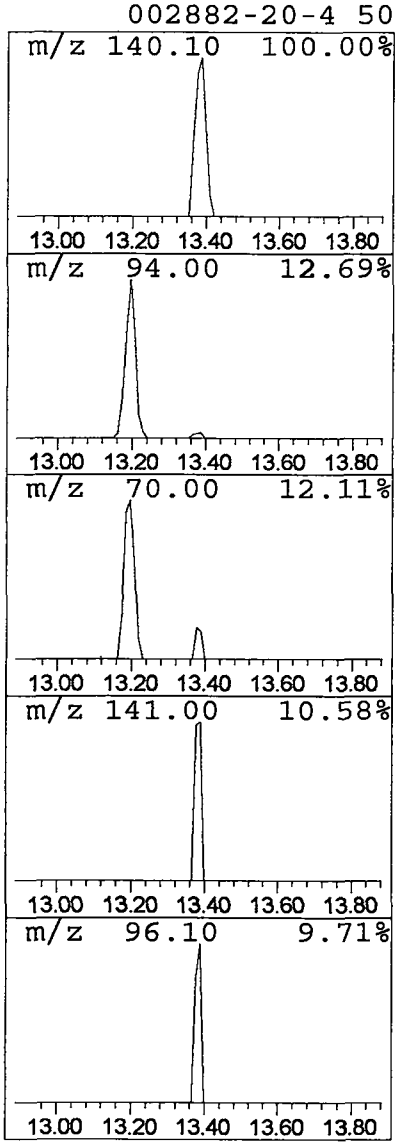
Peak Number 10 Benzenethiol, 4-methoxy- $$... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	0.05 ug/L	31778	Naphthalene-d8	13.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenethiol, 4-methoxy- $$ para...	140	C7H8OS	000696-63-9	72
2	Phenol, 4-(methylthio)- (CAS) $$...	140	C7H8OS	001073-72-9	64
3	Pyrazine, 2-methyl-3-(methylthio...	140	C6H8N2S	002882-20-4	64
4	Pyrazine, 2-methyl-3-(methylthio...	140	C6H8N2S	002882-20-4	50





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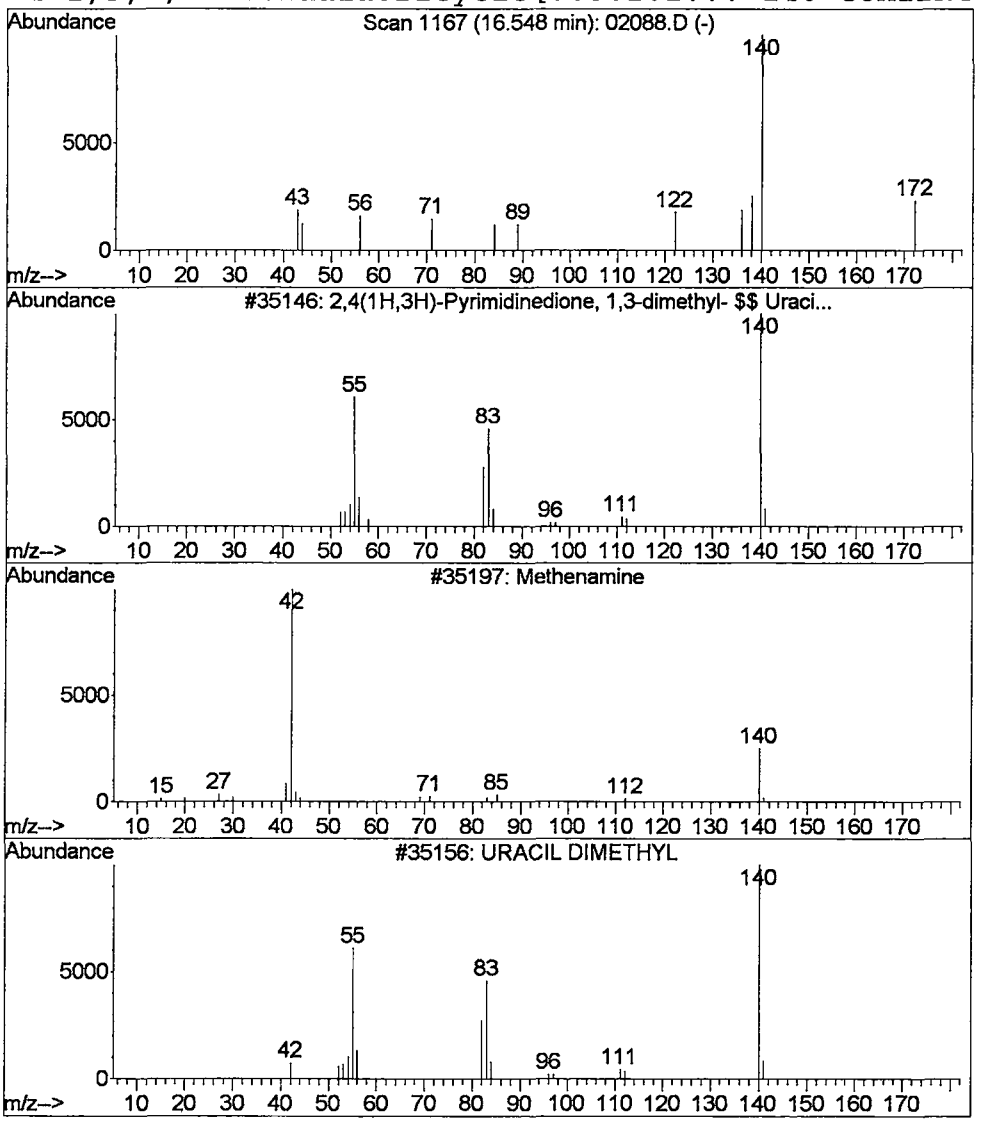
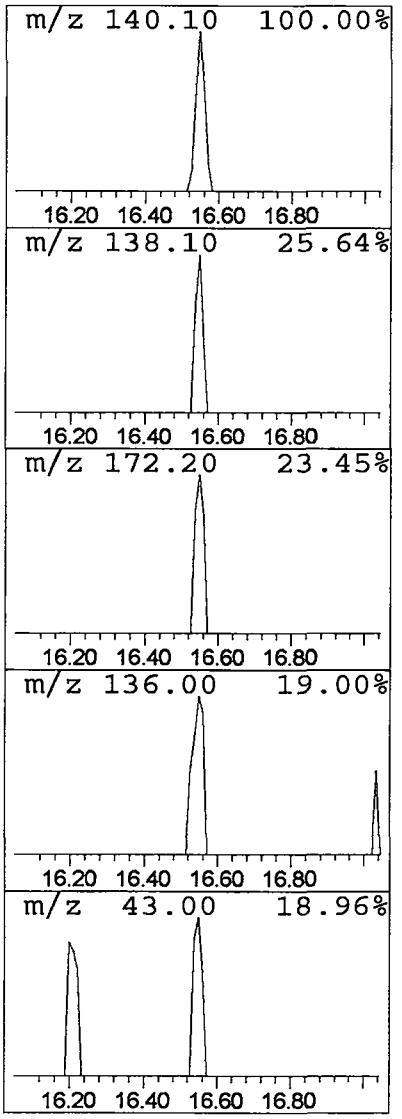
Peak Number 11 2,4(1H,3H)-Pyrimidinedione,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	0.04 ug/L	27754	Acenaphthene-d10	18.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4(1H,3H)-Pyrimidinedione, 1,3-...	140	C6H8N2O2	000874-14-6	7
2	Methenamine	140	C6H12N4	000100-97-0	7
3	URACIL DIMETHYL	140	C6H8N2O2	000000-00-0	7
4	1,3,5,7-Tetraazatricyclo[3.3.1.1...	140	C6H12N4	000100-97-0	7





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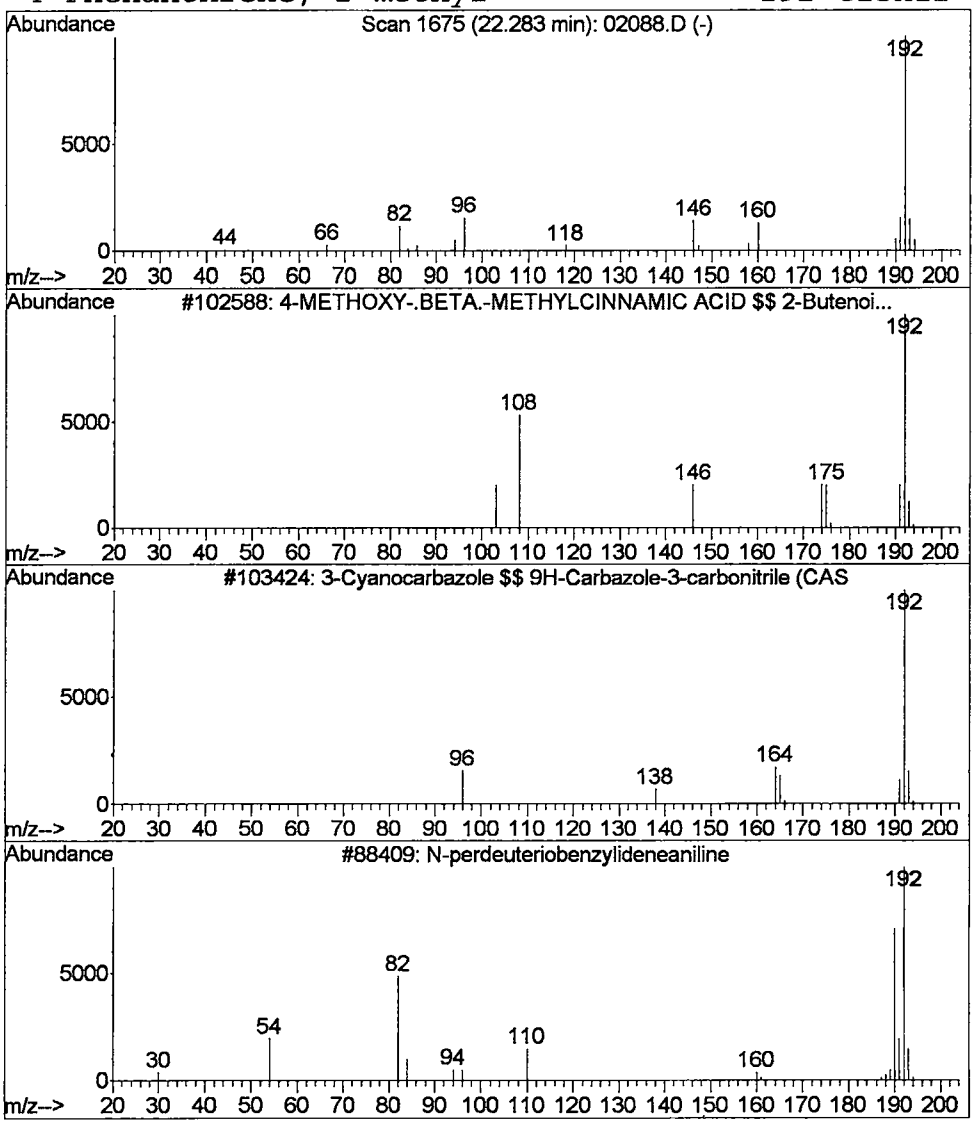
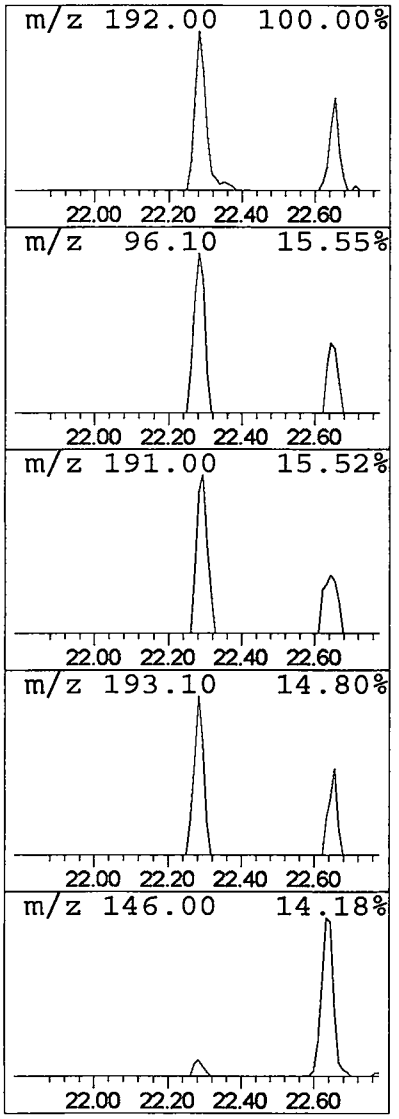
Peak Number 12 4-METHOXY-.BETA.-METHYLCINN... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.11 ug/L	86074	Phenanthrene-d10	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-METHOXY-.BETA.-METHYLCINNAMIC ...	192	C11H12O3	019169-94-9	72
2	3-Cyanocarbazole $$ 9H-Carbazole...	192	C13H8N2	057102-93-9	64
3	N-perdeuteriobenzylideneaniline	192	C13D11N	000538-51-2	64
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	53





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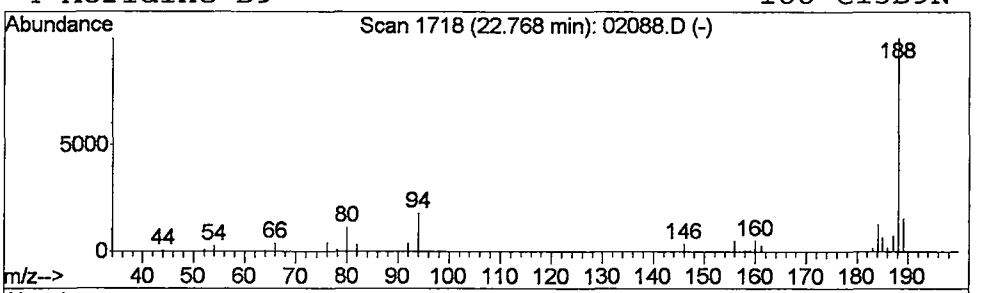
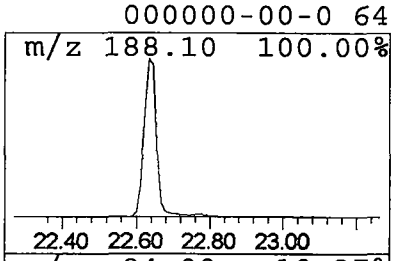
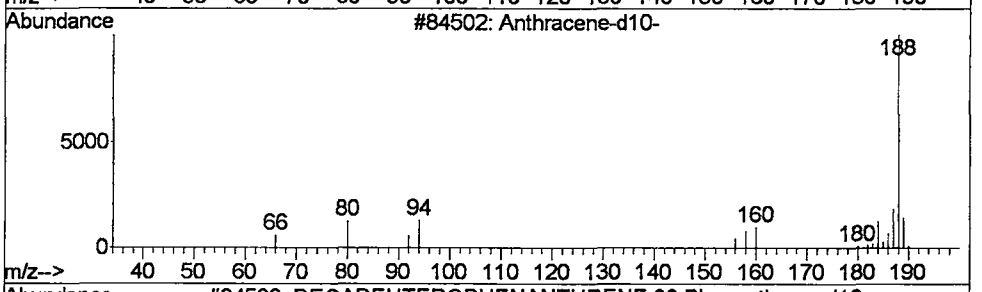
Peak Number 13 Anthracene-d10- Concentration Rank 1

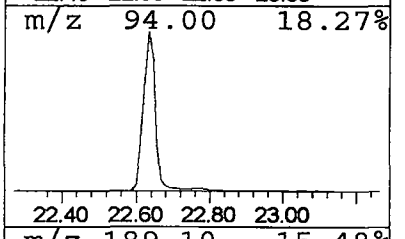
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.60 ug/L	464744	Phenanthrene-d10	22.63

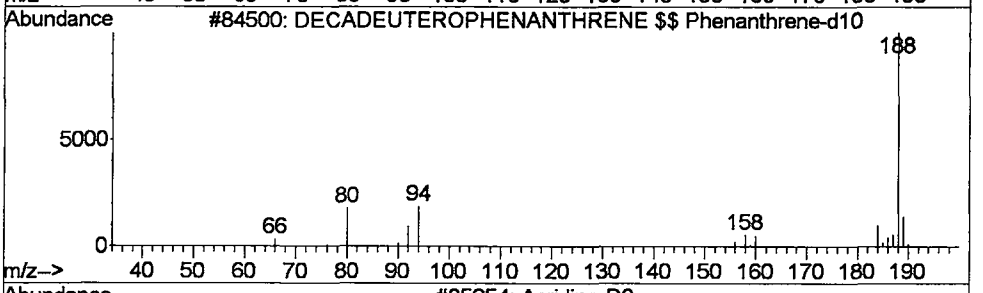
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	86
2	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	80
3	Acridine-D9	188	C13D9N	000000-00-0	80
4	Acridine-D9	188	C13D9N	000000-00-0	64

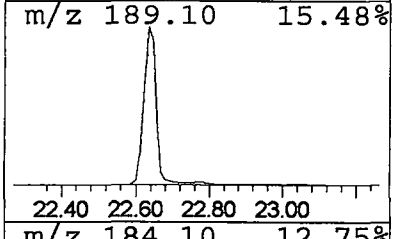


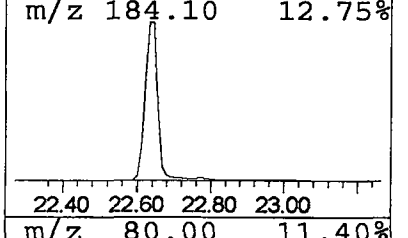


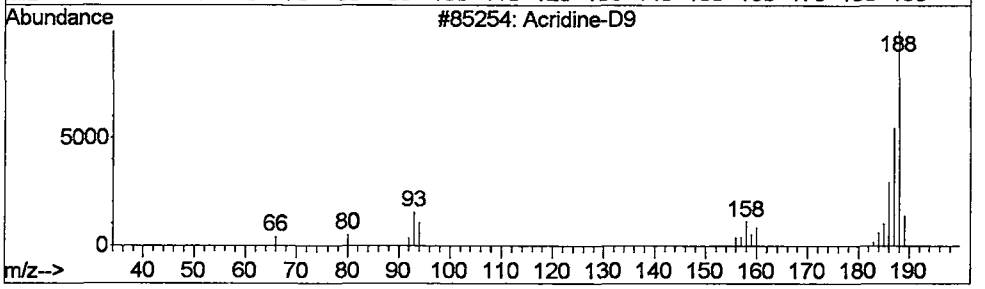


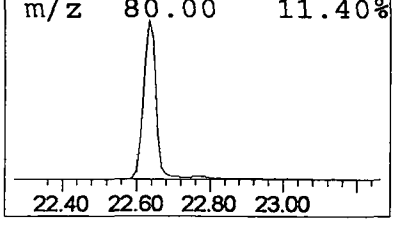












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Data File: C:\MSDCHEM\1\5973N\02FEB26\02088.D
Name: 508 scan
Misc: February 26, 2002
Method: C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
Title: 508 scan method
Library Searched: C:\DATABASE\WILEY7N.L

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--- #	RT	Resp	Conc
Butanoic acid, me...	3.62	0.1	ug/L	59373	1	9.72	9548590	20.0
Propane, 1,1-dime...	3.93	0.1	ug/L	39745	1	9.72	9548590	20.0
Pentane, 2-bromo-...	4.27	0.1	ug/L	36158	1	9.72	9548590	20.0
Octanal (CAS) $$ ...	4.94	0.1	ug/L	26704	1	9.72	9548590	20.0
3-Buten-2-ol, 2-m...	5.02	0.1	ug/L	42235	1	9.72	9548590	20.0
Butanoic acid, 2-...	5.72	0.1	ug/L	27829	1	9.72	9548590	20.0
Acetic acid, 3-[1...	5.95	0.4	ug/L	183322	1	9.72	9548590	20.0
2-METHYL-3,3-D2-A...	9.90	0.1	ug/L	29550	1	9.72	9548590	20.0
Cyclopentasiloxan...	12.54	0.0	ug/L	29307	2	13.20	13624800	20.0
Benzenethiol, 4-m...	13.39	0.0	ug/L	31778	2	13.20	13624800	20.0
2,4(1H,3H)-Pyrimi...	16.55	0.0	ug/L	27754	3	18.34	14610300	20.0
4-METHOXY-.BETA.-...	22.28	0.1	ug/L	86074	4	22.63	15553800	20.0
Anthracene-d10-	22.77	0.6	ug/L	464744	4	22.63	15553800	20.0

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/01/2002 Time: 15:07:58

Sample: AE02089
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/1/02 15:07 Ended: 3/1/02 15:07 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		100		5.0

Comments for Sample AE02089 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-01-2002 Time: 15:08:07

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 23 of the 43 compounds in the LCS Standard were above their acceptance ranges.

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB26\02089.D Vial: 6
Acq Qn : 26 Feb 2002 6:55 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 27 08:30:43 2002 Quant Results File: HP022102.RES

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Last Update : Mon Feb 25 10:47:59 2002
Response via : Initial Calibration
DataAcq Meth : HP020702

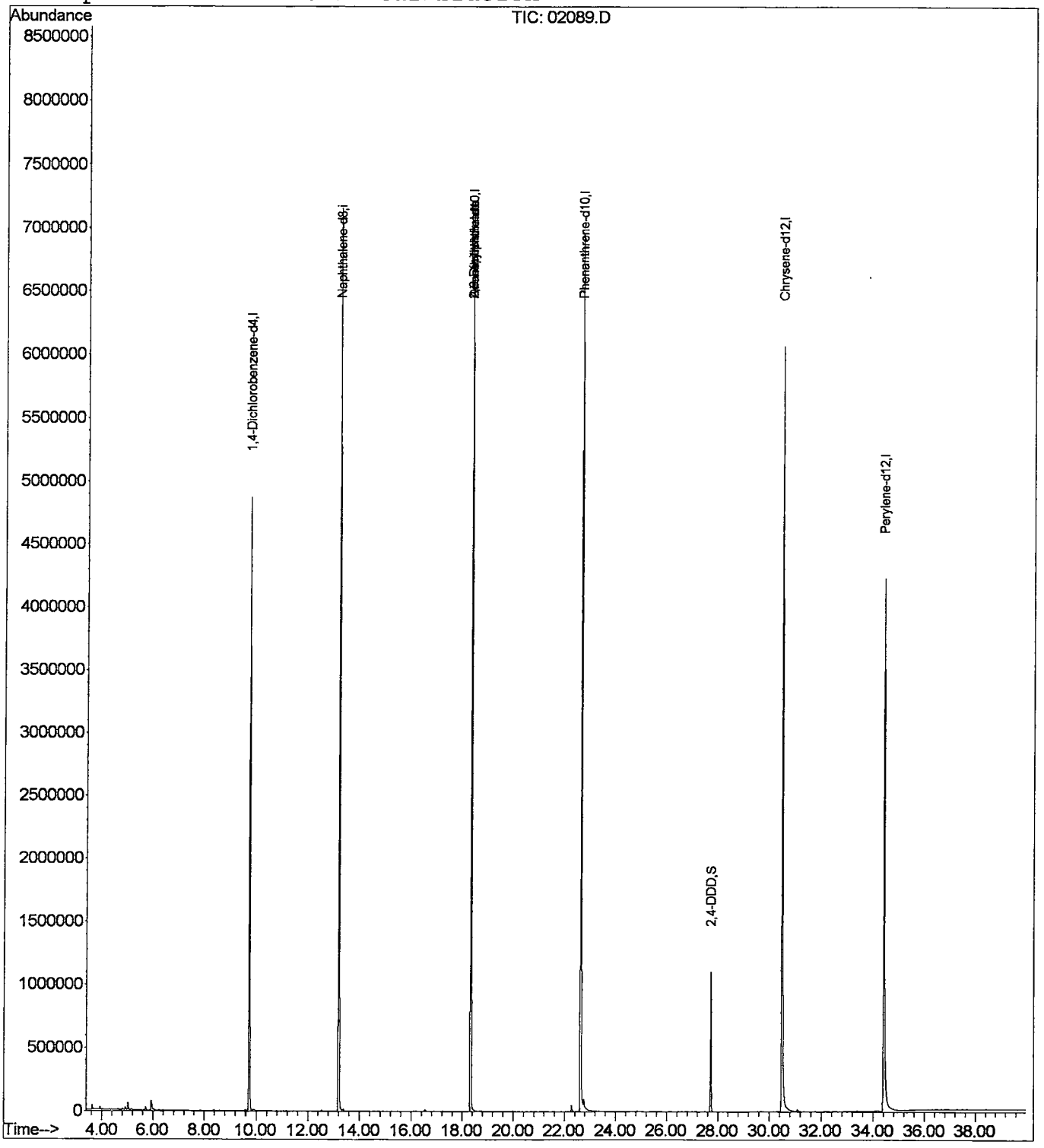
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.72	152	1652187	20.00	ug/L	0.00
10) Naphthalene-d8	13.20	136	7210431	20.00	ug/L	0.00
17) Acenaphthene-d10	18.34	164	3668564	20.00	ug/L	0.00
29) Phenanthrene-d10	22.64	188	6105784	20.00	ug/L	0.00
38) Chrysene-d12	30.49	240	4956929	20.00	ug/L	-0.03
44) Perylene-d12	34.41	264	3514663	20.00	ug/L	-0.04
System Monitoring Compounds						
37) 2,4-DDD	27.72	235	406397	4.99	ug/L	0.00
Spiked Amount 5.000			Recovery = 99.80%			
Target Compounds						Qvalue
20) Dimethylphthalate	18.34	163	587680	2.64	ug/L #	57
21) 2,6-Dinitrotoluene	18.33	165	464767	9.04	ug/L #	27

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB26\02089.D Vial: 6
Acq On : 26 Feb 2002 6:55 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 27 8:30 2002 Quant Results File: HP022102.R

Method : C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
Title : 508 scan method
Last Update : Mon Feb 25 10:47:59 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02089.D Vial: 6
Acq On : 26 Feb 2002 6:55 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
Title : 508 scan method
Smoothing : OFF Filtering: 5
Sampling : 2 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 20
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

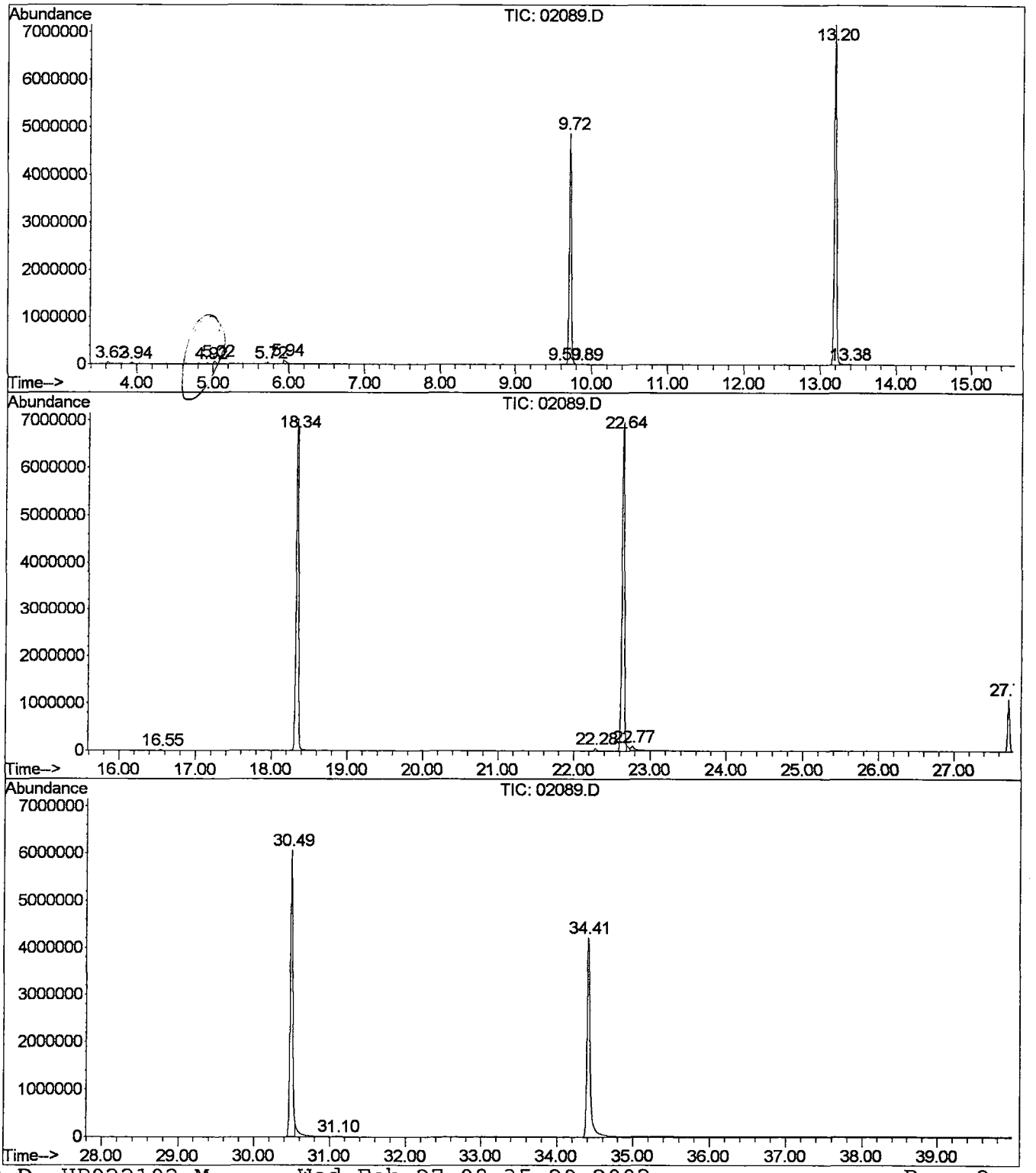
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.622	19	22	25	rBV	38674	55453	0.35%	0.067%
2	3.938	45	50	57	rVB	20416	38084	0.24%	0.046%
3	4.920	133	137	143	rBV	21890	51537	0.32%	0.062%
4	5.022	143	146	153	rVB	59120	108163	0.68%	0.131%
5	5.722	203	208	213	rBV	29754	48715	0.31%	0.059%
6	5.936	225	227	249	rVB	78019	223121	1.40%	0.270%
7	9.594	549	551	557	rBV4	9972	33246	0.21%	0.040%
8	9.718	557	562	567	rBV	4864393	9209504	57.96%	11.137%
9	9.887	573	577	587	rVB2	12834	47545	0.30%	0.057%
10	13.195	865	870	875	rBV	7150307	13558293	85.34%	16.396%
11	13.376	883	886	891	rVB	14720	32233	0.20%	0.039%
12	16.548	1157	1167	1173	rVB2	16447	34487	0.22%	0.042%
13	18.343	1319	1326	1331	rBV	7026137	14910576	93.85%	18.032%
14	22.283	1669	1675	1681	rBV2	51783	100971	0.64%	0.122%
15	22.644	1701	1707	1711	rBV2	6961097	15888105	100.00%	19.214%
16	22.768	1715	1718	1735	rVB	87239	326250	2.05%	0.395%
17	27.724	2153	2157	2163	rBV	1104903	1977551	12.45%	2.391%
18	30.490	2397	2402	2407	rBV2	6060107	13900191	87.49%	16.810%
19	31.099	2451	2456	2467	rVB3	16195	56480	0.36%	0.068%
20	34.407	2743	2749	2787	rBV	4218720	12090651	76.10%	14.621%

Sum of corrected areas: 82691156

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02FEB26\02089.D
Operator :
Acquired : 26 Feb 2002 6:55 pm using AcqMethod HP020702
Instrument : Instrumen
Sample Name: 508 scan
Misc Info : February 26, 2002
Vial Number: 6
Quant File :HP022102.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02089.D Vial: 6
Acq On : 26 Feb 2002 6:55 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

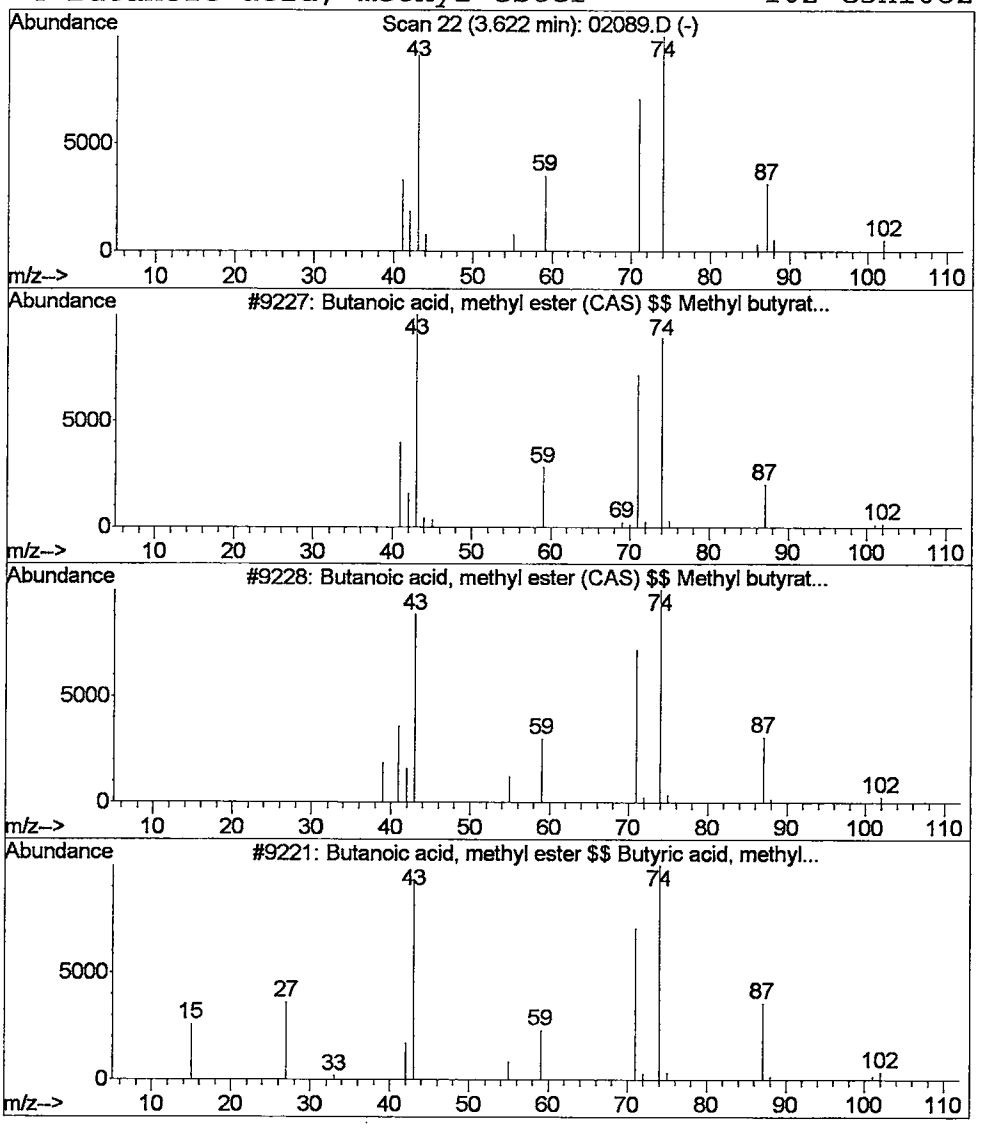
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

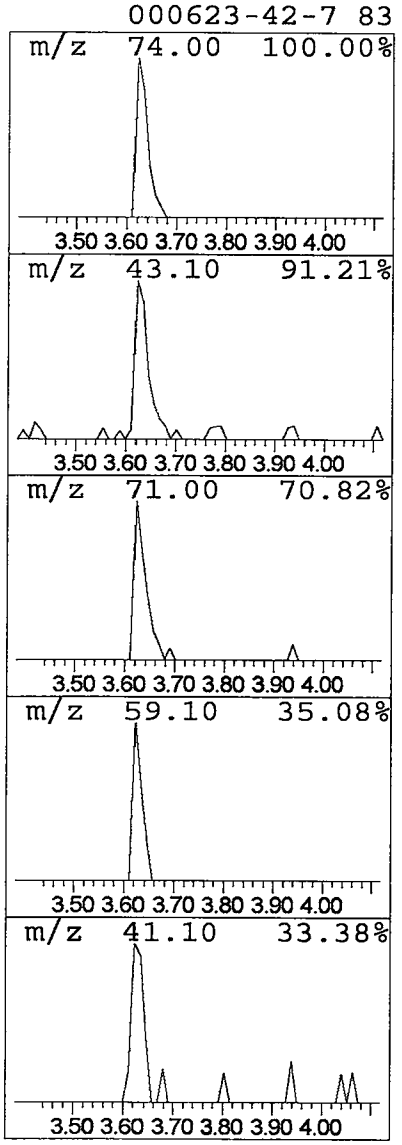
****

Peak Number 1 Butanoic acid, methyl ester... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.62	0.12 ug/L	55453	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	91
2	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	90
3	Butanoic acid, methyl ester $$ B...	102	C5H10O2	000623-42-7	90
4	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	83





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02089.D Vial: 6
Acq On : 26 Feb 2002 6:55 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

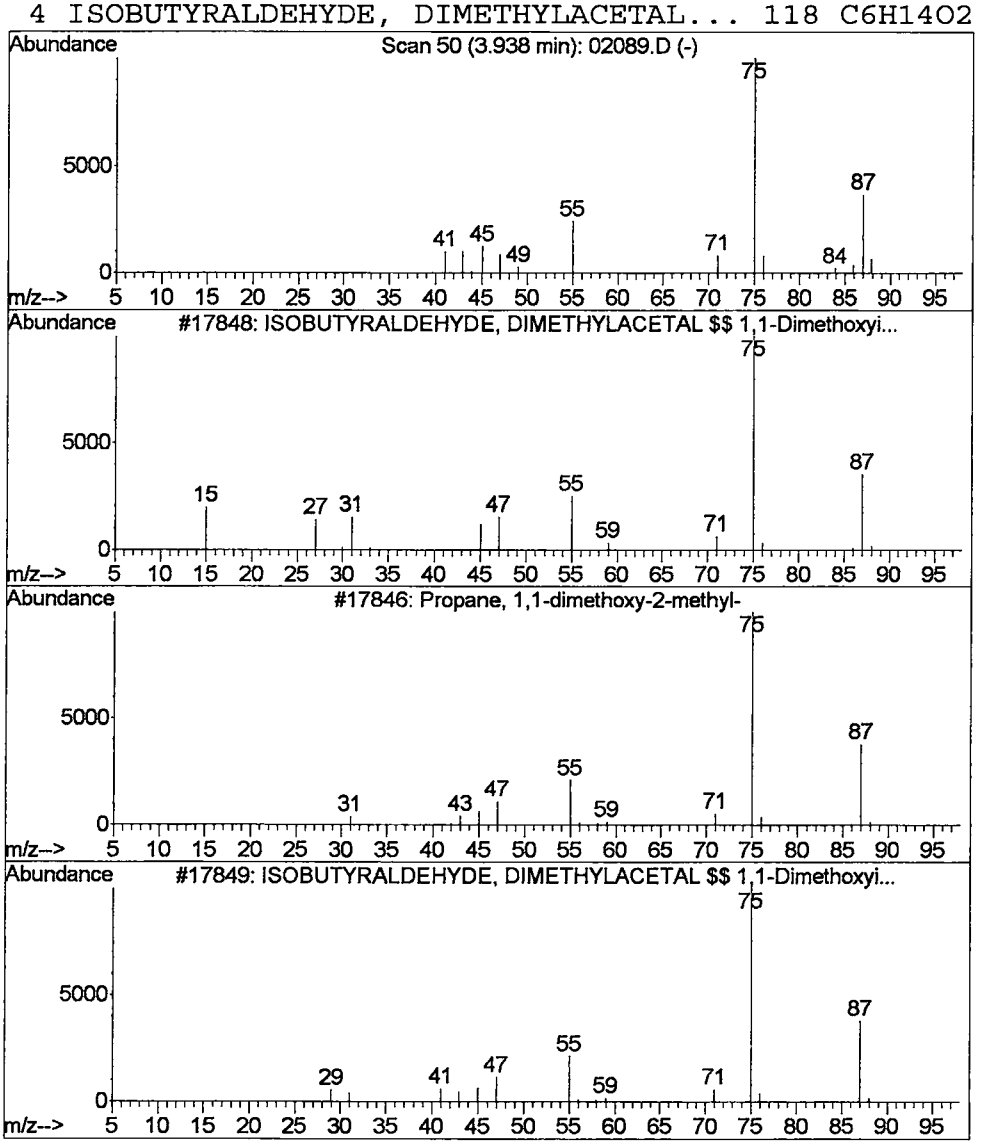
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

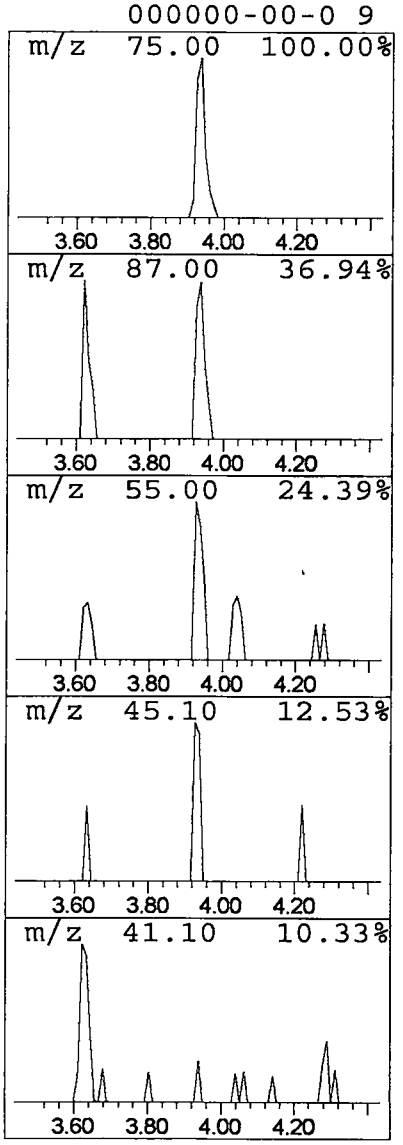
****

Peak Number 2 ISOBUTYRALDEHYDE, DIMETHYLA... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.94	0.08 ug/L	38084	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	56
2	Propane, 1,1-dimethoxy-2-methyl-	118	C6H14O2	041632-89-7	56
3	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	56
4	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02089.D Vial: 6
Acq On : 26 Feb 2002 6:55 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

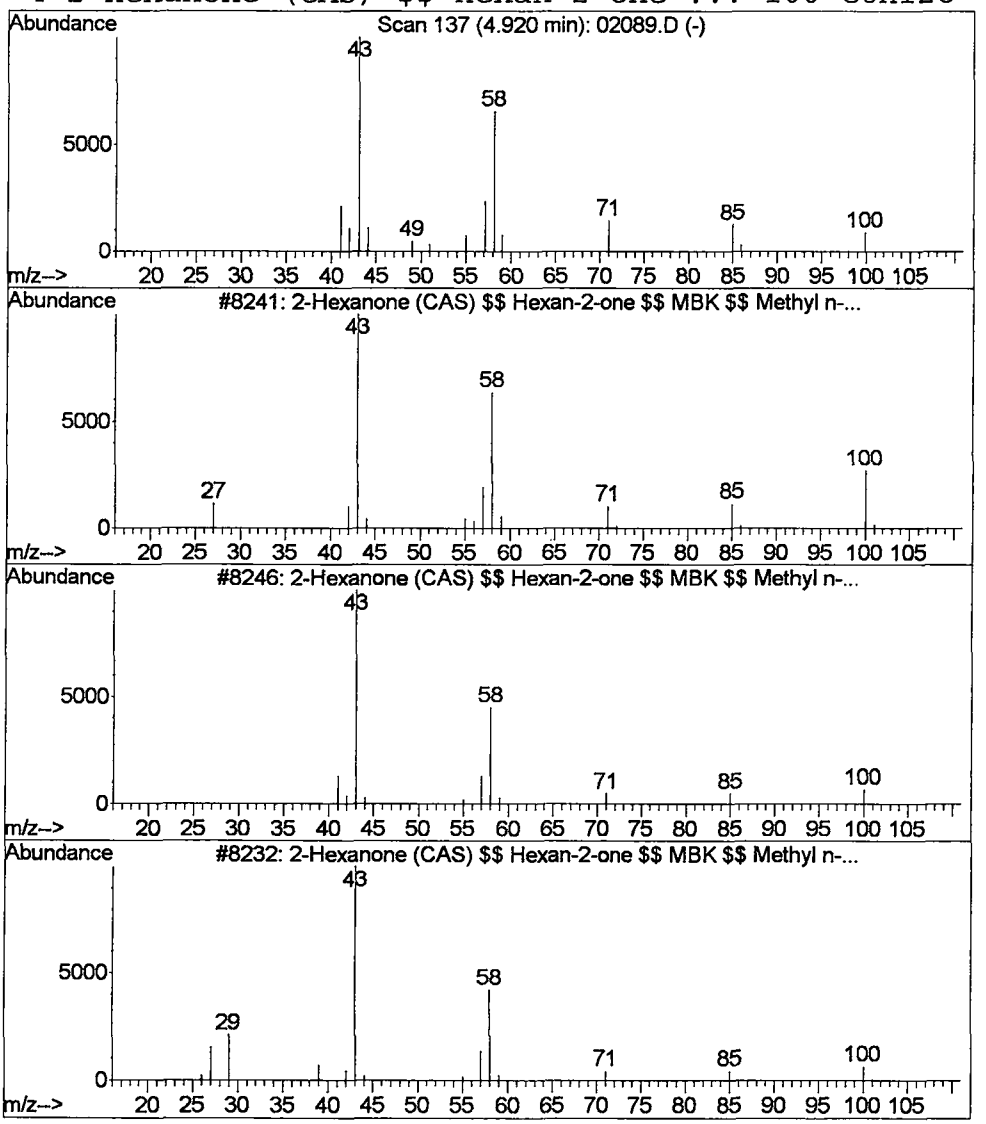
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

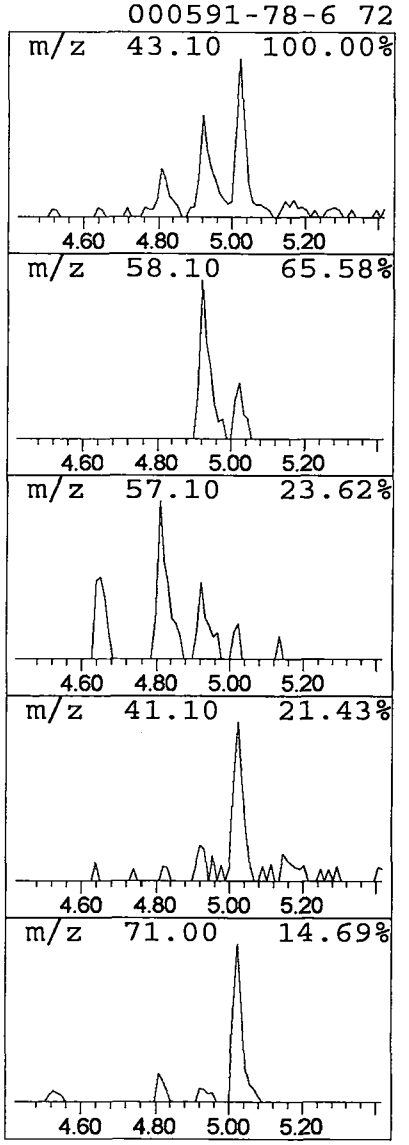
****

Peak Number 3 2-Hexanone (CAS) $$ Hexan-2... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	0.11 ug/L	51537	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone (CAS) $$ Hexan-2-one ...	100	C6H12O	000591-78-6	78
2	2-Hexanone (CAS) $$ Hexan-2-one ...	100	C6H12O	000591-78-6	72
3	2-Hexanone (CAS) $$ Hexan-2-one ...	100	C6H12O	000591-78-6	72
4	2-Hexanone (CAS) $$ Hexan-2-one ...	100	C6H12O	000591-78-6	72





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02089.D Vial: 6
Acq On : 26 Feb 2002 6:55 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

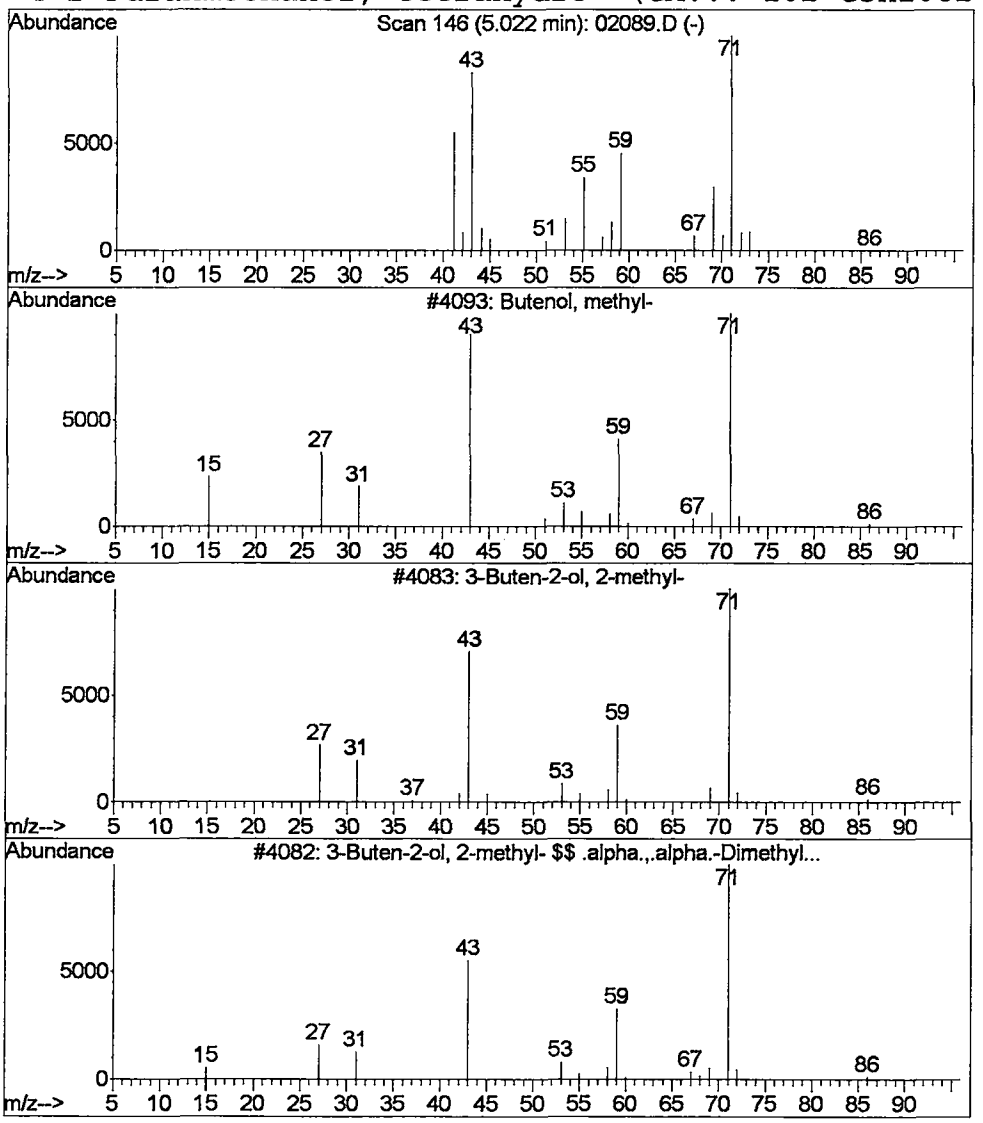
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

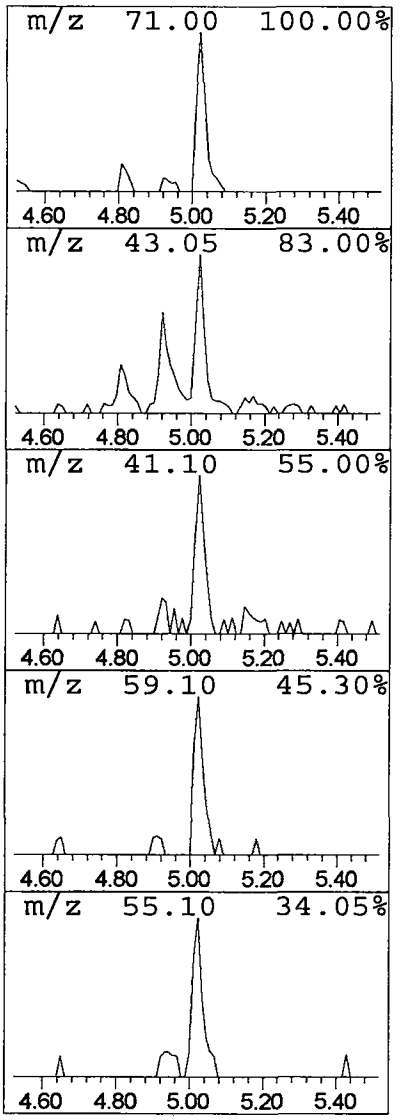
****

Peak Number 4 Butenol, methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	0.23 ug/L	108163	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butenol, methyl-	86	C5H10O	060766-00-9	72
2	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	72
3	3-Buten-2-ol, 2-methyl- $$ .alph...	86	C5H10O	000115-18-4	56
4	2-Furanmethanol, tetrahydro- (CA...	102	C5H10O2	000097-99-4	42





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02089.D Vial: 6
Acq On : 26 Feb 2002 6:55 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

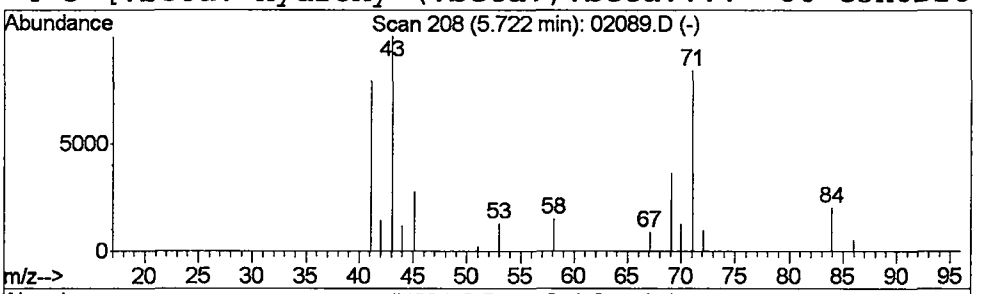
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

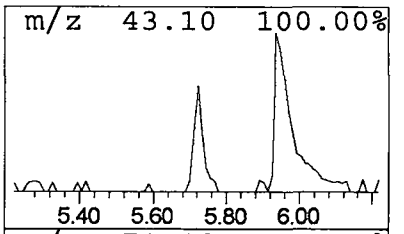
****

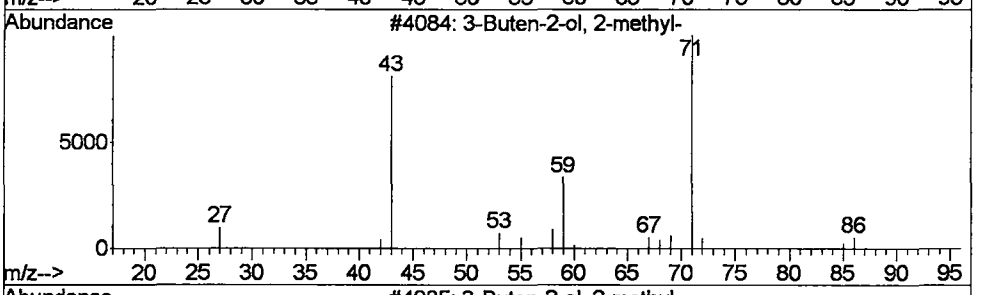
Peak Number 5 3-Buten-2-ol, 2-methyl- Concentration Rank 7

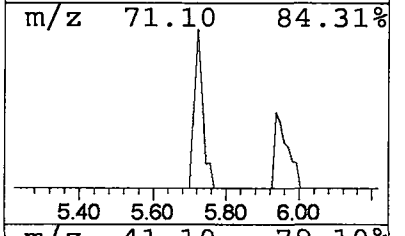
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.72	0.11 ug/L	48715	1,4-Dichlorobenzene-d4	9.72

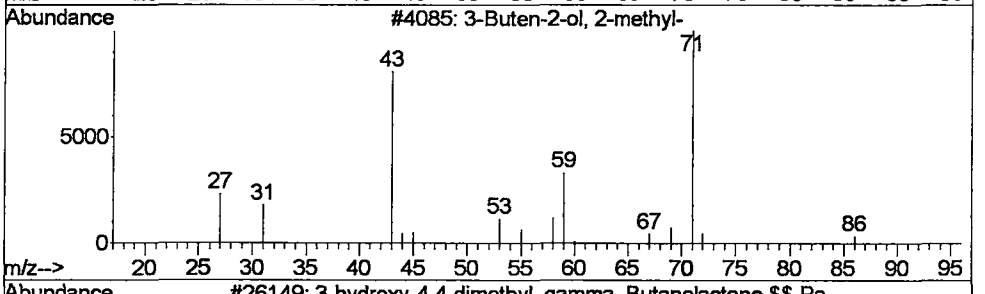
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	50
2	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	50
3	3-hydroxy-4,4-dimethyl .gamma. B...	130	C6H10O3	052126-90-6	50
4	3-[.beta.-hydroxy-(.beta.,.beta....	86	C5H6D2O	005557-87-9	42

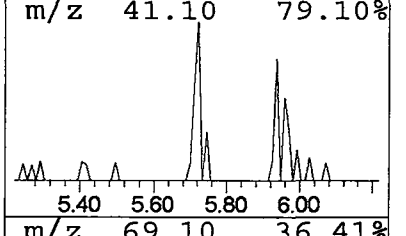


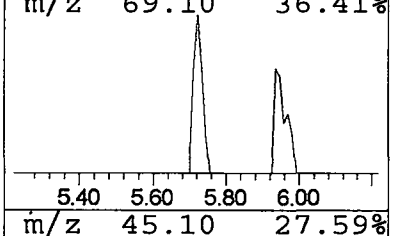


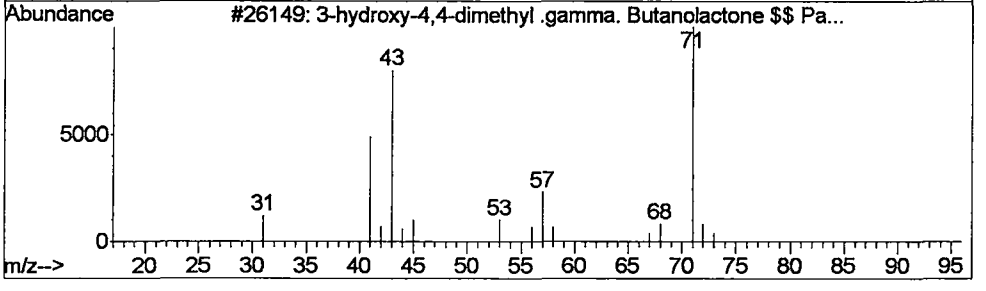


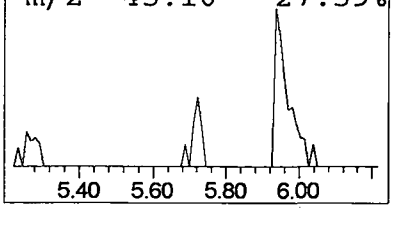












Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02089.D Vial: 6
Acq On : 26 Feb 2002 6:55 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

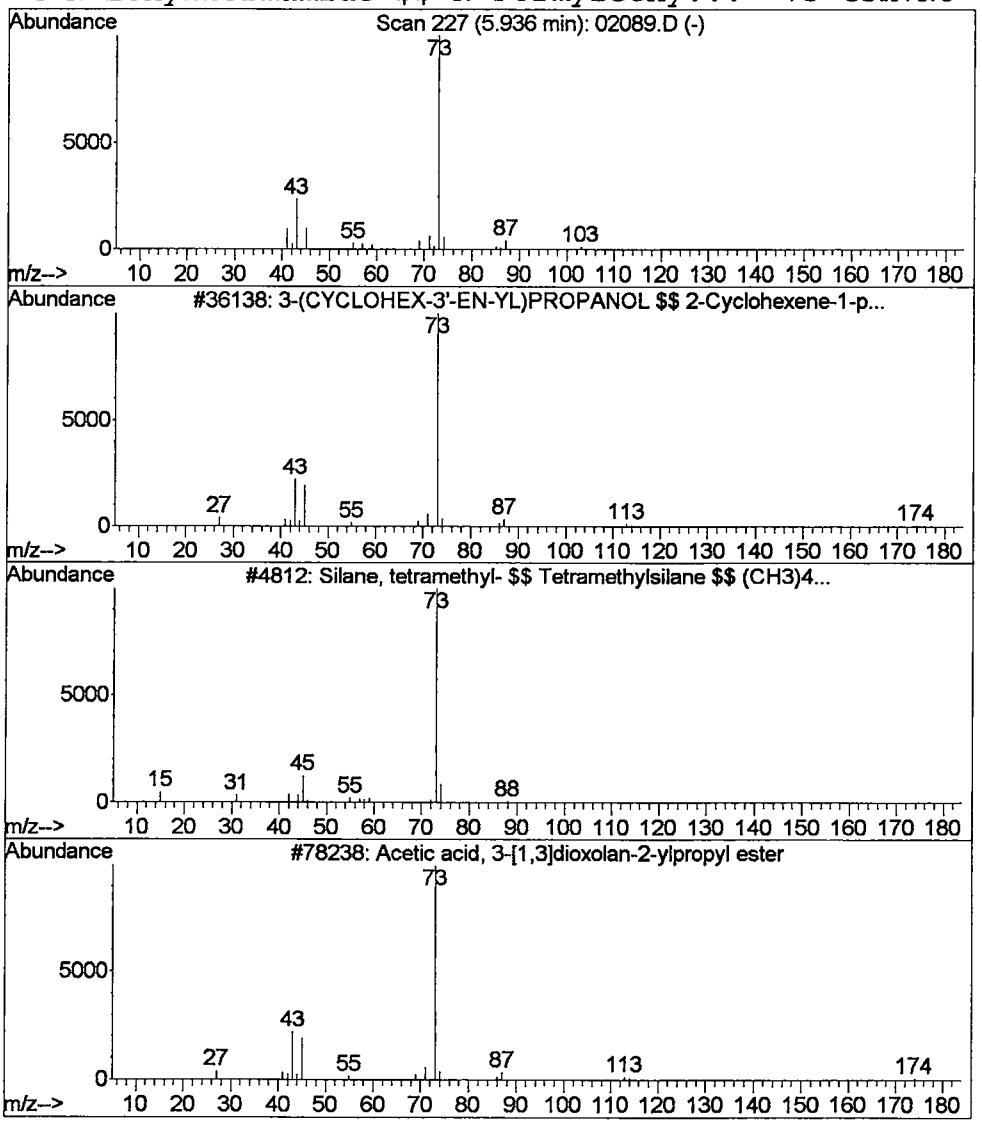
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

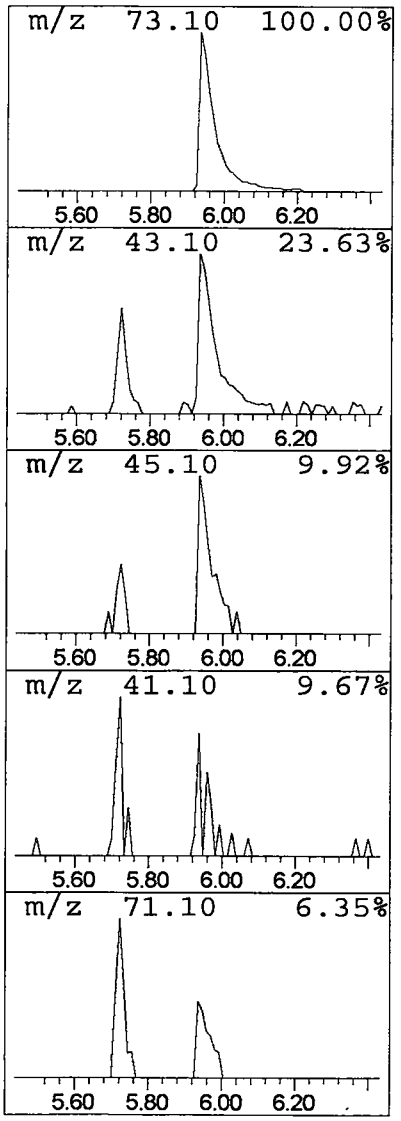
****

Peak Number 6 3-(CYCLOHEX-3'-EN-YL)PROPAN... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	0.48 ug/L	223121	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	33
2	Silane, tetramethyl- $$ Tetramet...	88	C4H12Si	000075-76-3	33
3	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	33
4	N-Ethylformamide $$ N-Formylethy...	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02089.D Vial: 6
Acq On : 26 Feb 2002 6:55 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

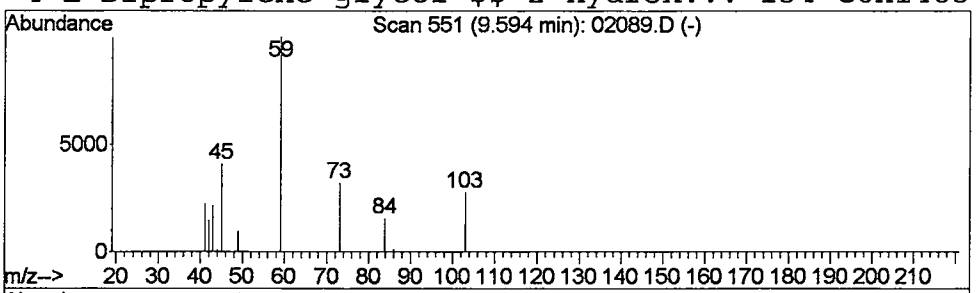
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

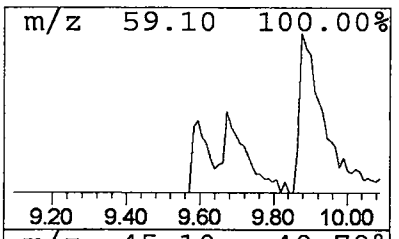
****

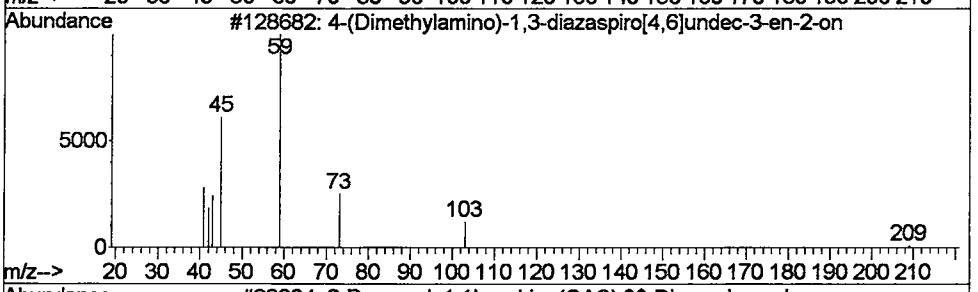
Peak Number 7 4-(Dimethylamino)-1,3-diaza... Concentration Rank 11

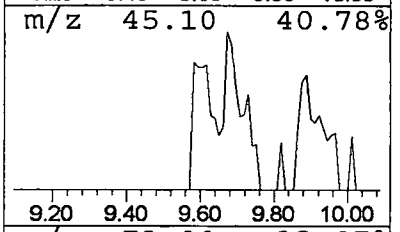
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	0.07 ug/L	33246	1,4-Dichlorobenzene-d4	9.72

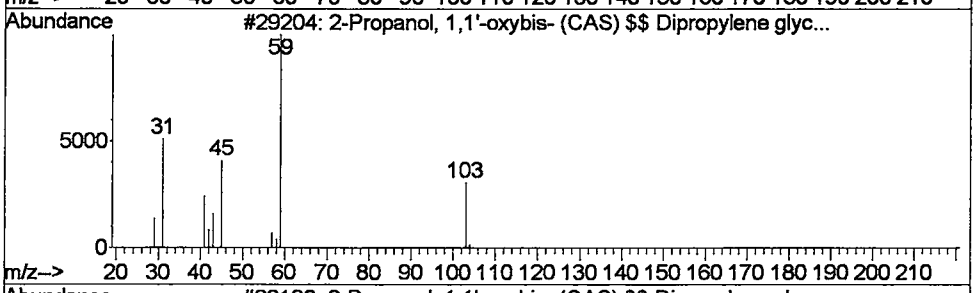
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(Dimethylamino)-1,3-diazaspiro...	209	C11H19N3O	000000-00-0	64
2	2-Propanol, 1,1'-oxybis- (CAS) $...	134	C6H14O3	000110-98-5	45
3	2-Propanol, 1,1'-oxybis- (CAS) $...	134	C6H14O3	000110-98-5	38
4	E-Dipropylene glycol $$ 2-hydrox...	134	C6H14O3	000000-00-0	38

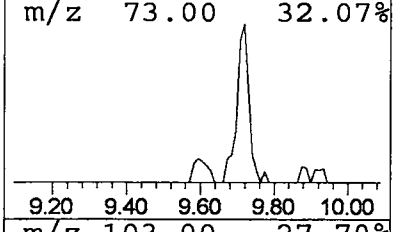


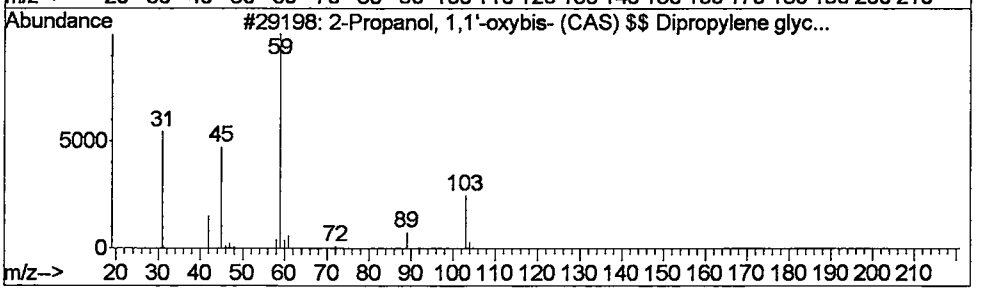


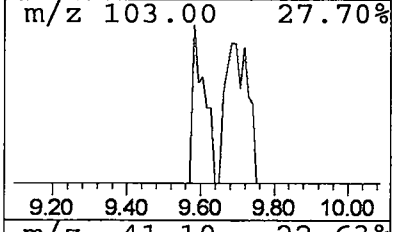


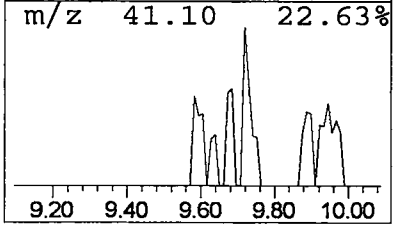












Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02089.D Vial: 6
Acq On : 26 Feb 2002 6:55 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

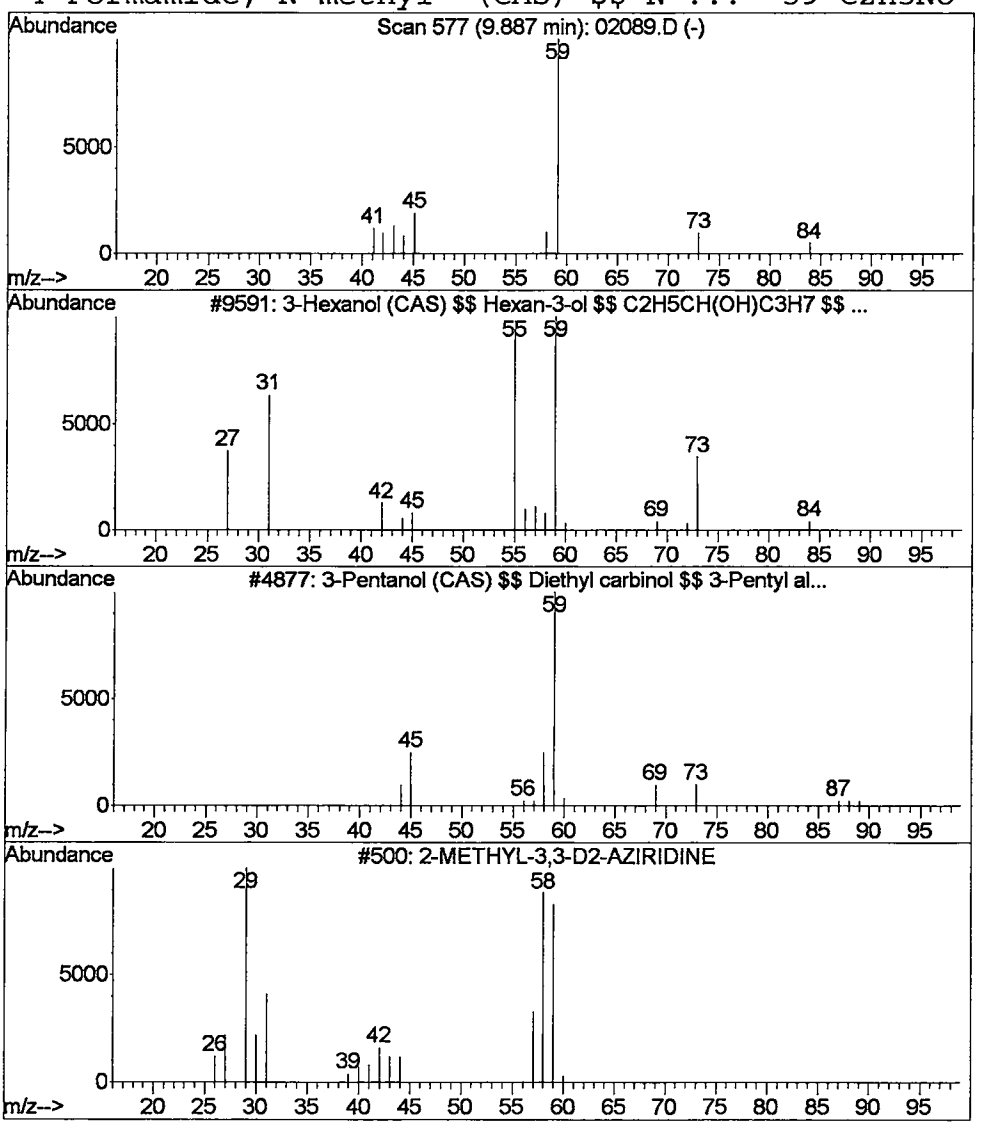
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

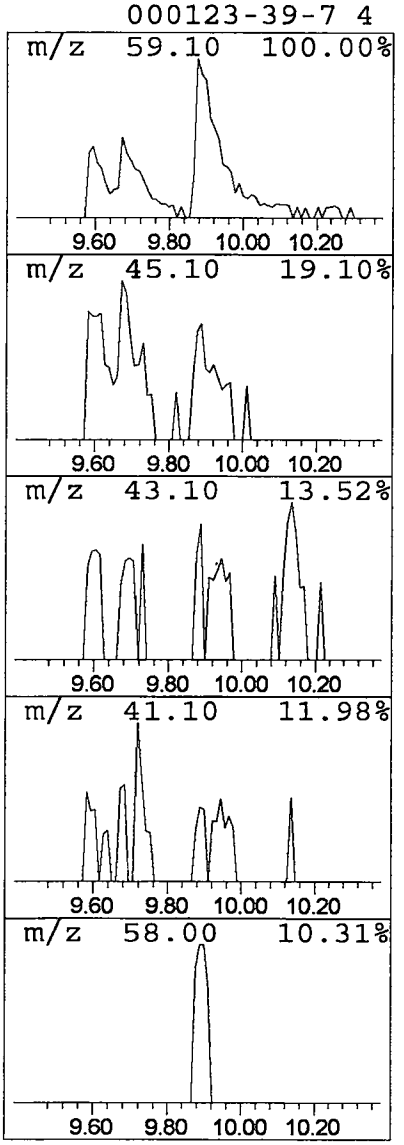
****

Peak Number 8 3-Hexanol (CAS) $$ Hexan-3-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	0.10 ug/L	47545	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol (CAS) $$ Hexan-3-ol $$...	102	C6H14O	000623-37-0	9
2	3-Pentanol (CAS) $$ Diethyl carb...	88	C5H12O	000584-02-1	9
3	2-METHYL-3,3-D2-AZIRIDINE	59	C3H5D2N	030691-55-5	5
4	Formamide, N-methyl- (CAS) $$ N-...	59	C2H5NO	000123-39-7	4





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02089.D Vial: 6
Acq On : 26 Feb 2002 6:55 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

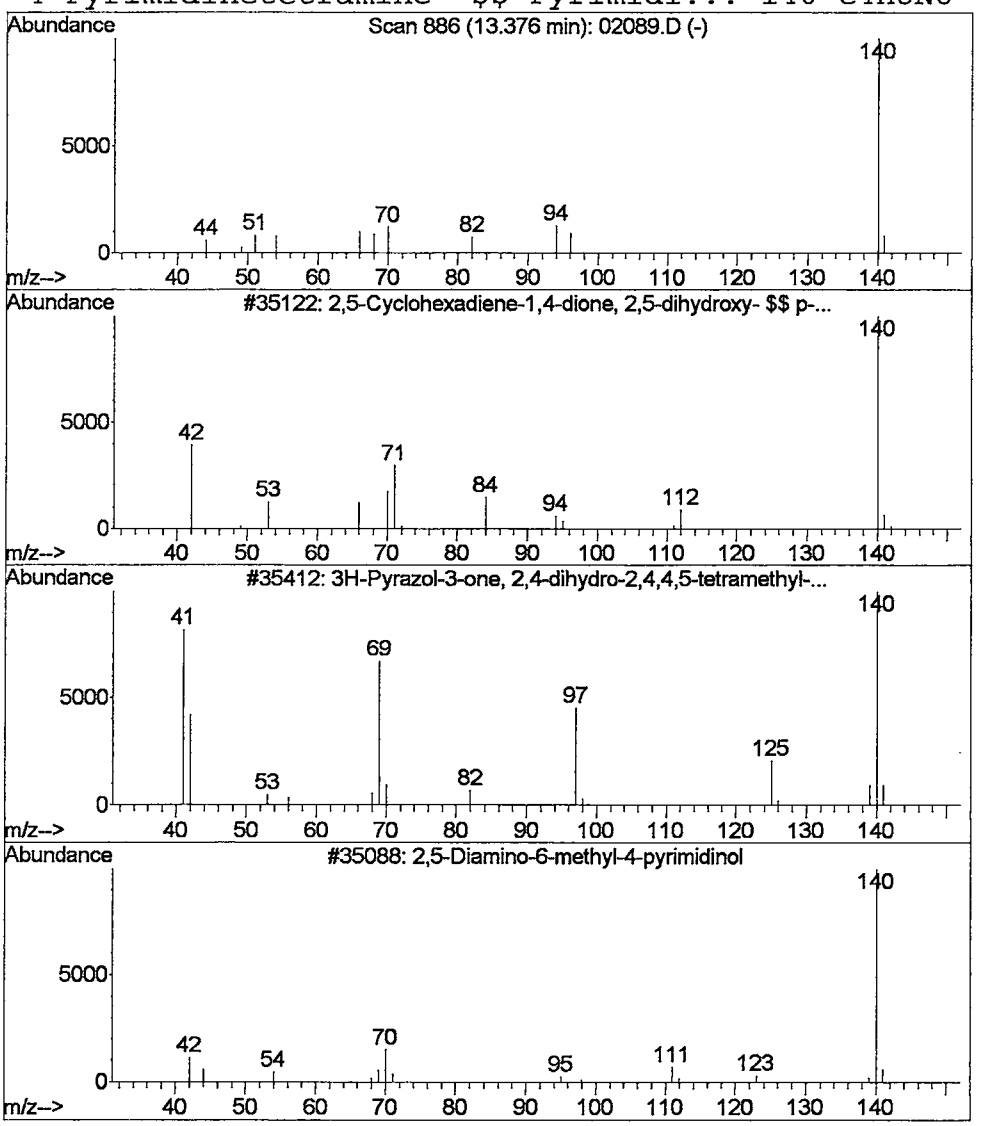
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

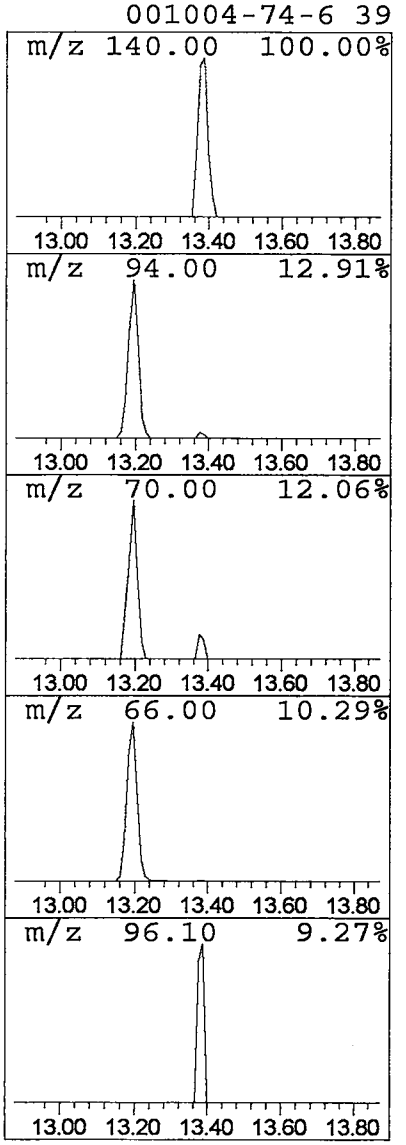
****

Peak Number 9 2,5-Cyclohexadiene-1,4-dion... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	0.05 ug/L	32233	Naphthalene-d8	13.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadiene-1,4-dione, 2,...	140	C6H4O4	000615-94-1	50
2	3H-Pyrazol-3-one, 2,4-dihydro-2,...	140	C7H12N2O	003201-25-0	45
3	2,5-Diamino-6-methyl-4-pyrimidinol	140	C5H8N4O	000000-00-0	42
4	Pyrimidinetetramine- $$ Pyrimidi...	140	C4H8N6	001004-74-6	39





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02089.D Vial: 6
Acq On : 26 Feb 2002 6:55 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

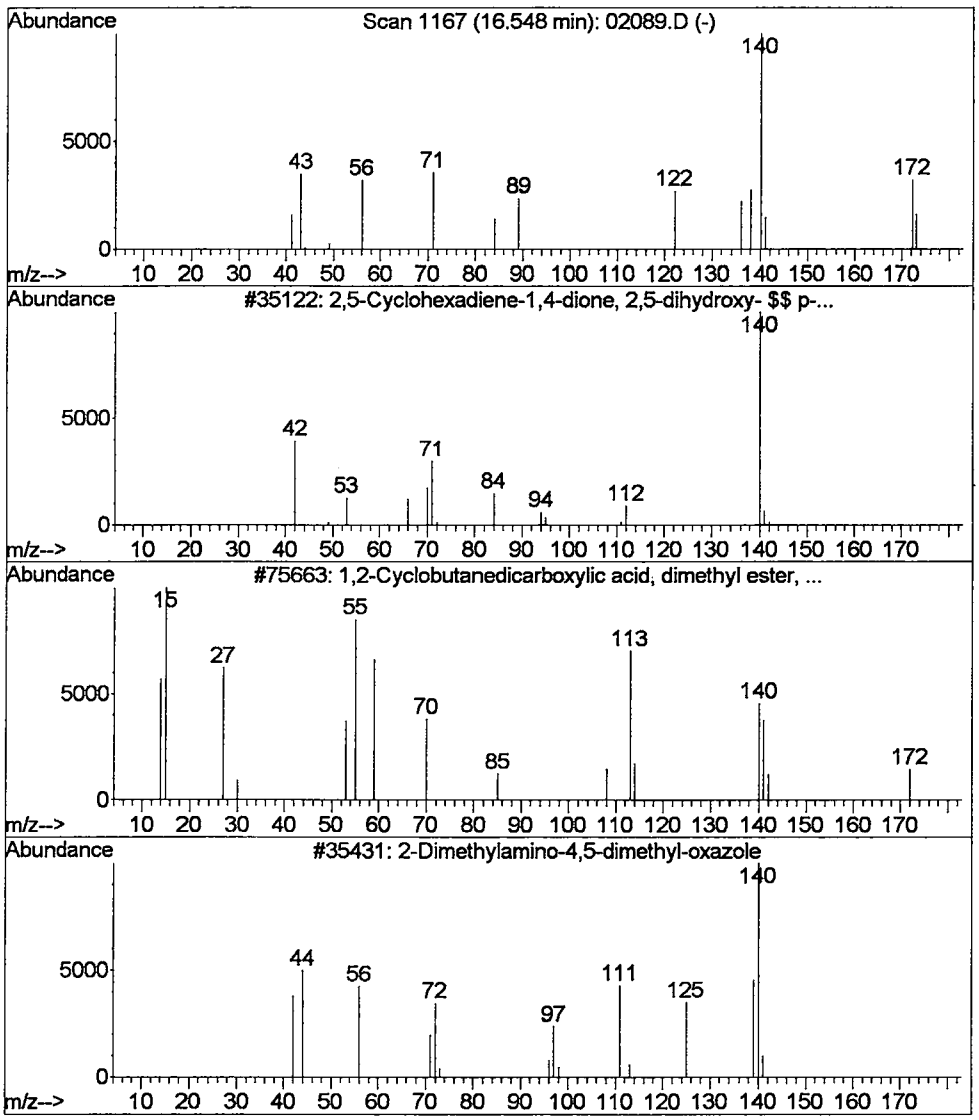
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

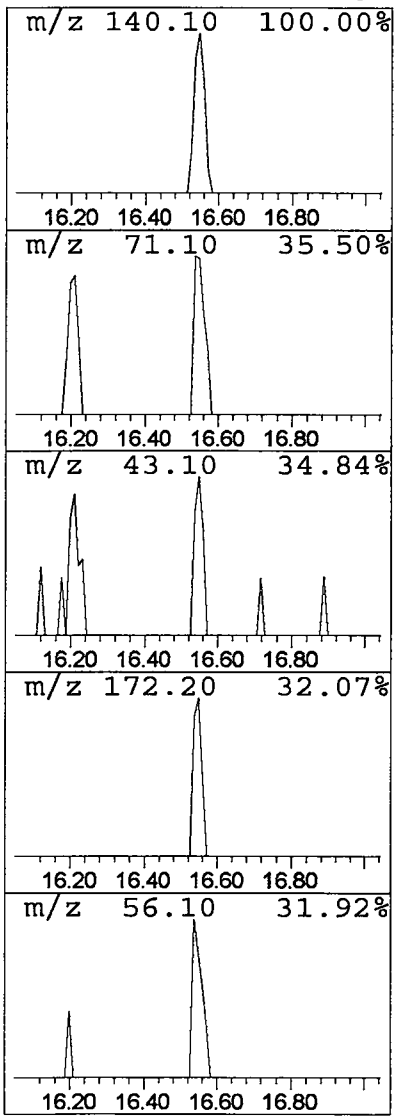
****

Peak Number 10 2,5-Cyclohexadiene-1,4-dion... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	0.05 ug/L	34487	Acenaphthene-d10	18.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadiene-1,4-dione, 2,...	140	C6H4O4	000615-94-1	32
2	1,2-Cyclobutanedicarboxylic acid...	172	C8H12O4	007371-67-7	10
3	2-Dimethylamino-4,5-dimethyl-oxa...	140	C7H12N2O	000000-00-0	9
4	2-METHYTHIO-3-METHYL PYRAZINE	140	C6H8N2S	002882-20-4	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02089.D Vial: 6
Acq On : 26 Feb 2002 6:55 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

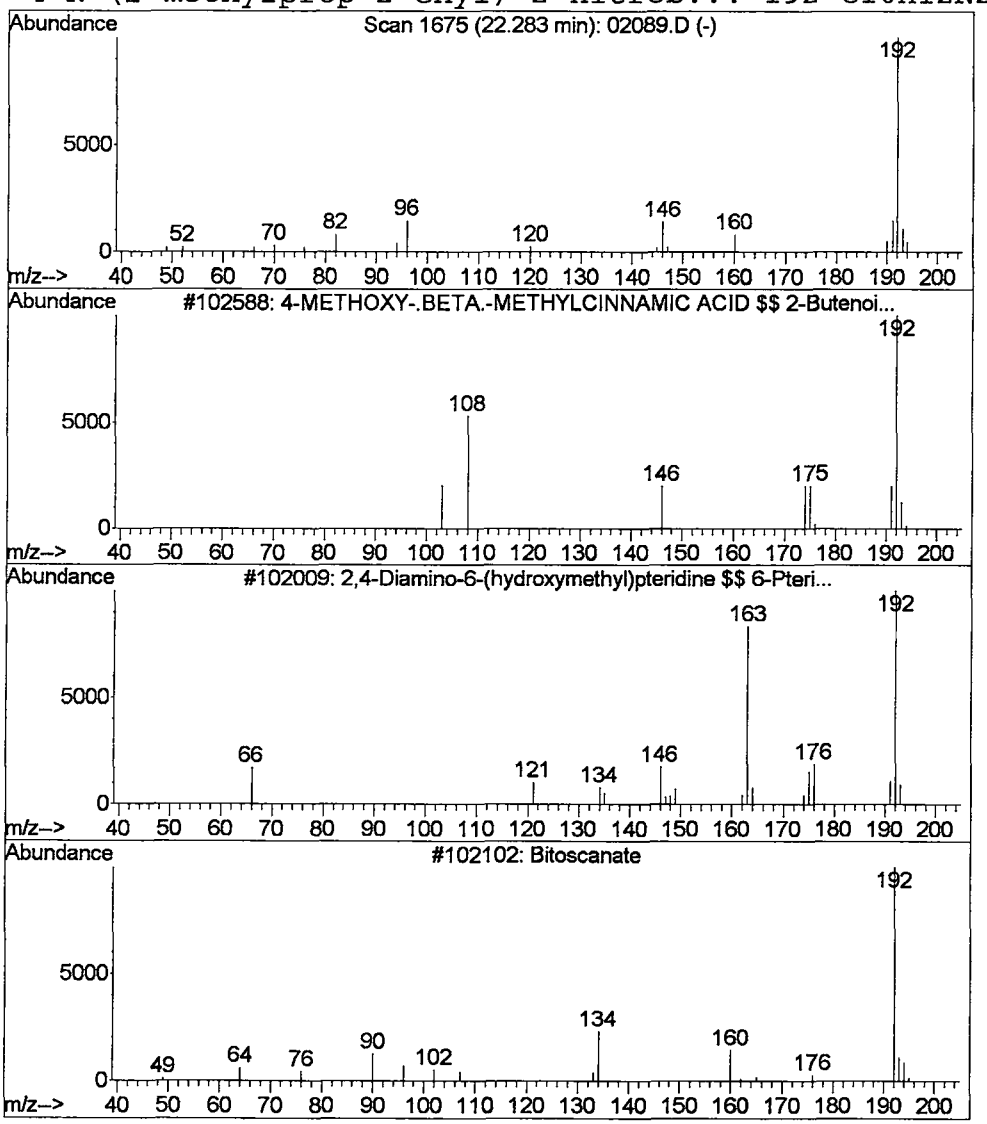
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

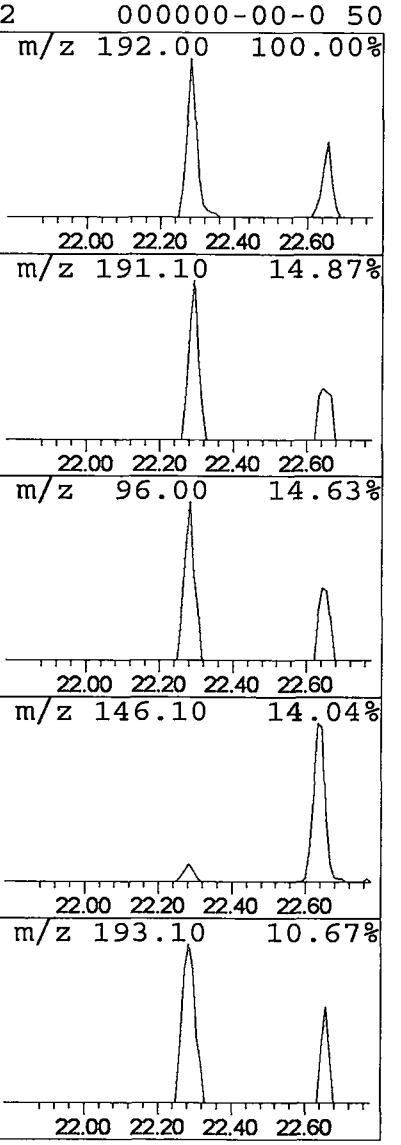
****

Peak Number 11 4-METHOXY-.BETA.-METHYLCINN... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.13 ug/L	100971	Phenanthrene-d10	22.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-METHOXY-.BETA.-METHYLCINNAMIC ...	192	C11H12O3	019169-94-9	72
2	2,4-Diamino-6-(hydroxymethyl)pte...	192	C7H8N6O	000945-24-4	59
3	Bitoscanate	192	C8H4N2S2	004044-65-9	53
4	N-(2-methylprop-2-enyl)-2-nitrob...	192	C10H12N2O2	000000-00-0	50





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02089.D Vial: 6
Acq On : 26 Feb 2002 6:55 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

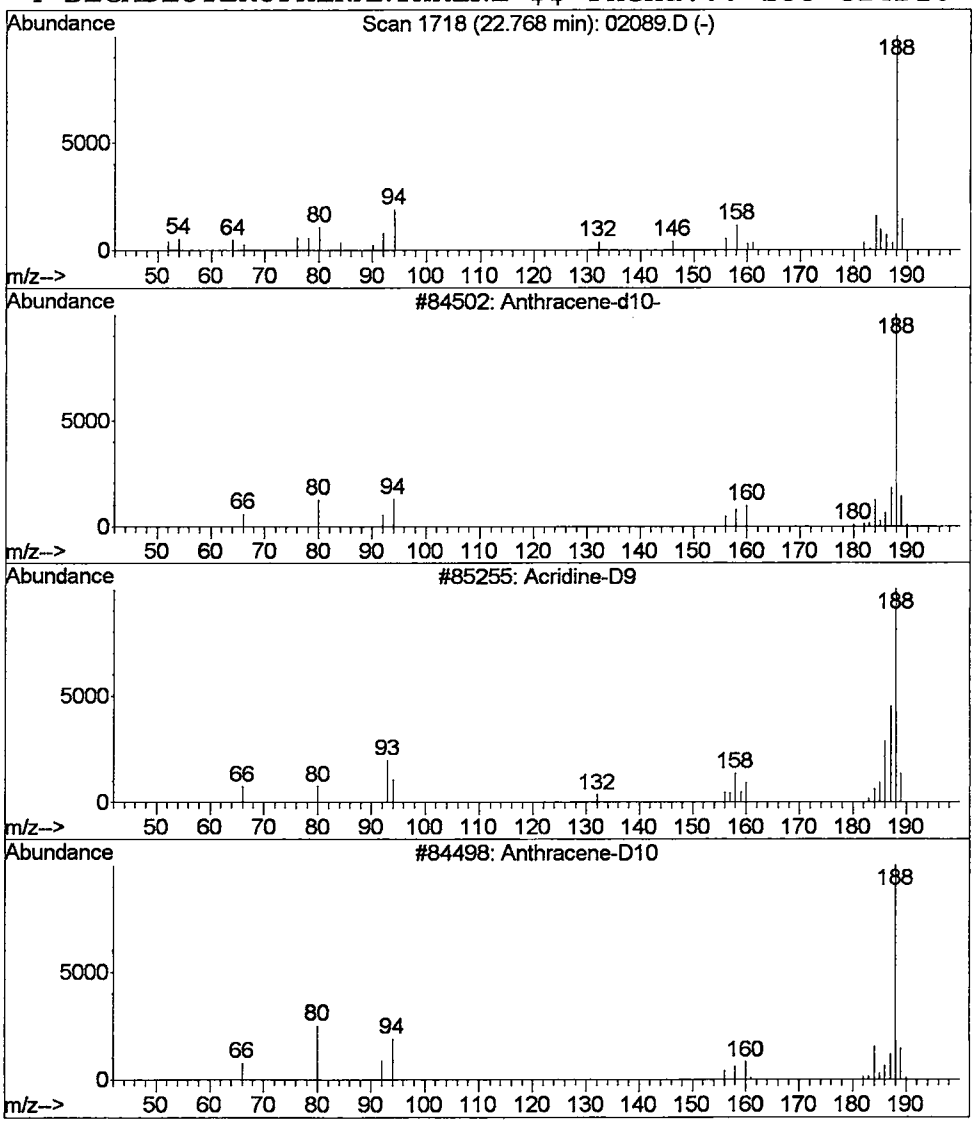
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

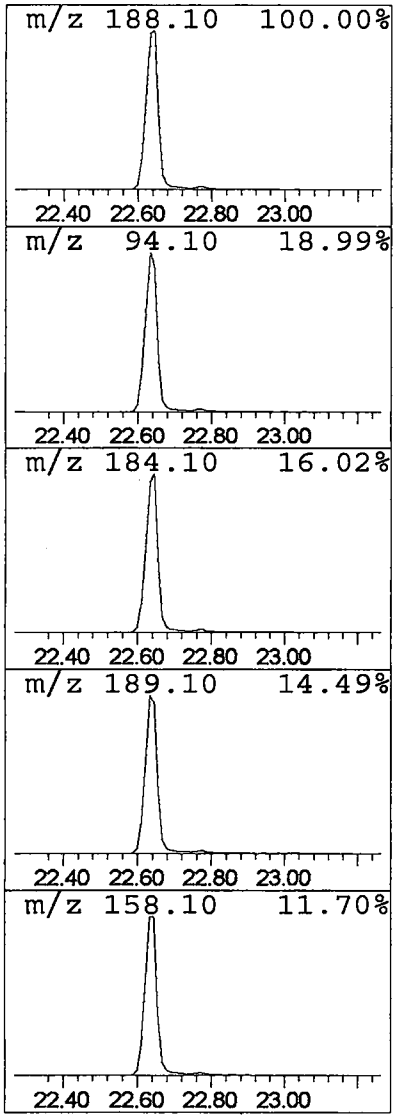
****

Peak Number 12 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.41 ug/L	326250	Phenanthrene-d10	22.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	87
2	Acridine-D9	188	C13D9N	000000-00-0	86
3	Anthracene-D10	188	C14D10	000000-00-0	83
4	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	83





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02089.D Vial: 6
Acq On : 26 Feb 2002 6:55 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

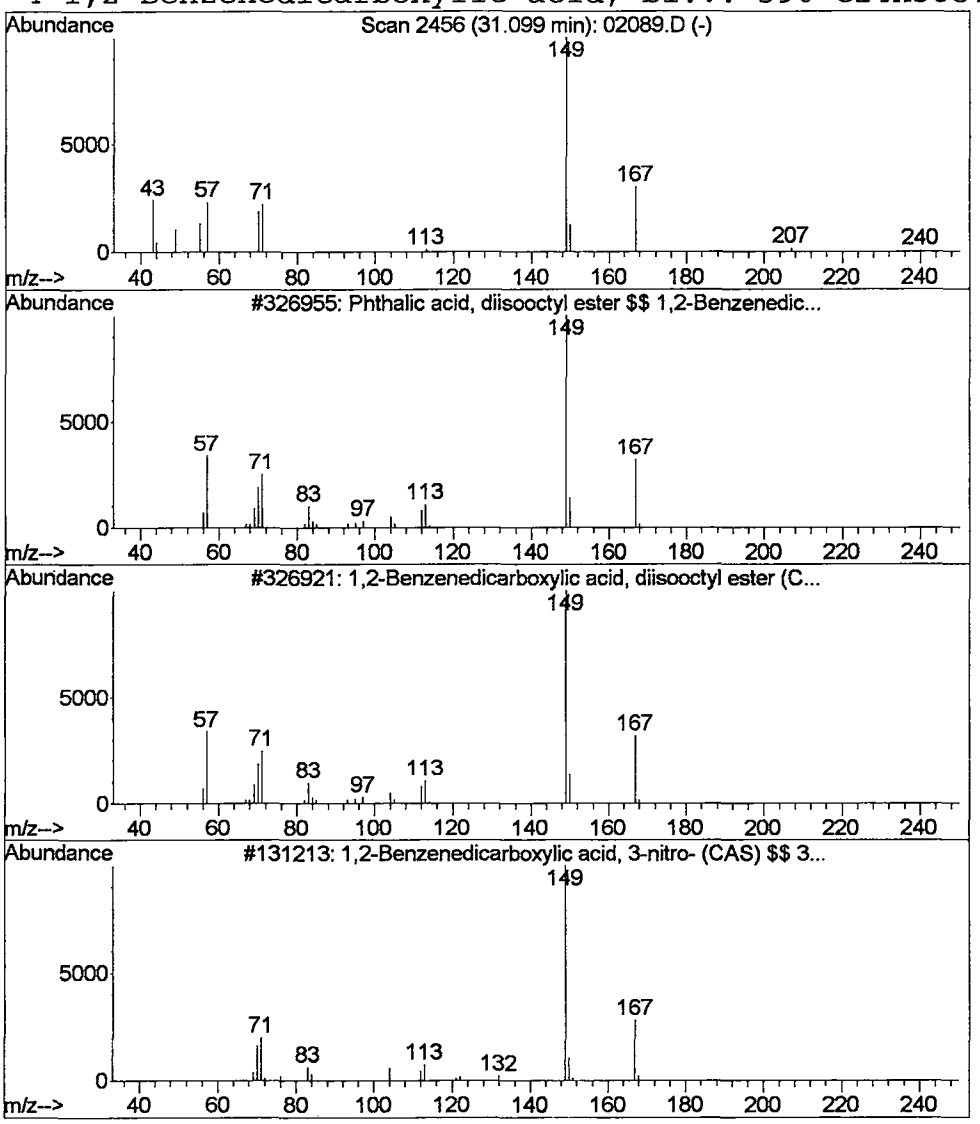
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

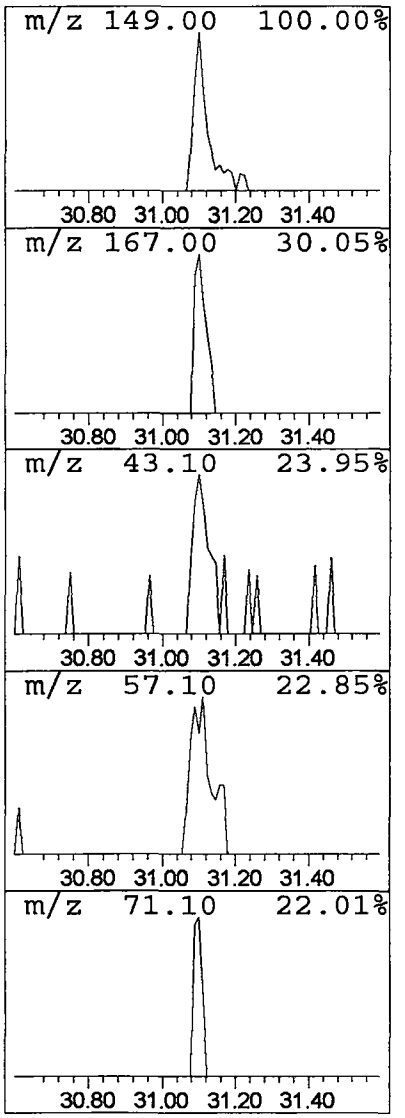
****

Peak Number 13 Phthalic acid, diisooctyl e... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.10	0.08 ug/L	56480	Chrysene-d12	30.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, diisooctyl ester ...	390	C24H38O4	001330-91-2	64
2	1,2-Benzenedicarboxylic acid, di...	390	C24H38O4	027554-26-3	64
3	1,2-Benzenedicarboxylic acid, 3-...	211	C8H5NO6	000603-11-2	64
4	1,2-Benzenedicarboxylic acid, bi...	390	C24H38O4	000117-81-7	64





Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 26 Feb 2002 6:55 pm
Data File: C:\MSDCHEM\1\5973N\02FEB26\02089.D
Name: 508 scan
Misc: February 26, 2002
Method: C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
Title: 508 scan method
Library Searched: C:\DATABASE\WILEY7N.L

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--- #	RT	Resp	Conc
Butanoic acid, me...	3.62	0.1	ug/L	55453	1	9.72	9209500	20.0
ISOBUTYRALDEHYDE,...	3.94	0.1	ug/L	38084	1	9.72	9209500	20.0
2-Hexanone (CAS) ...	4.92	0.1	ug/L	51537	1	9.72	9209500	20.0
Butenol, methyl-	5.02	0.2	ug/L	108163	1	9.72	9209500	20.0
3-Buten-2-ol, 2-m...	5.72	0.1	ug/L	48715	1	9.72	9209500	20.0
3-(CYCLOHEX-3'-EN...	5.94	0.5	ug/L	223121	1	9.72	9209500	20.0
4-(Dimethylamino)...	9.59	0.1	ug/L	33246	1	9.72	9209500	20.0
3-Hexanol (CAS) $...	9.89	0.1	ug/L	47545	1	9.72	9209500	20.0
2,5-Cyclohexadien...	13.38	0.0	ug/L	32233	2	13.20	13558300	20.0
2,5-Cyclohexadien...	16.55	0.0	ug/L	34487	3	18.34	14910600	20.0
4-METHOXY-.BETA.-...	22.28	0.1	ug/L	100971	4	22.64	15888100	20.0
Anthracene-d10-	22.77	0.4	ug/L	326250	4	22.64	15888100	20.0
Phthalic acid, di...	31.10	0.1	ug/L	56480	5	30.49	13900200	20.0

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/01/2002 Time: 15:09:18

Sample: AE02090
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/1/02 15:09 Ended: 3/1/02 15:09 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		88		5.0

Comments for Sample AE02090 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-01-2002 Time: 15:09:49

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 23 of the 43 compounds in the LCS Standard were above their acceptance ranges.

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB26\02090.D Vial: 7
Acq On : 26 Feb 2002 7:45 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 27 08:30:45 2002 Quant Results File: HP022102.RES

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Last Update : Mon Feb 25 10:47:59 2002
Response via : Initial Calibration
DataAcq Meth : HP020702

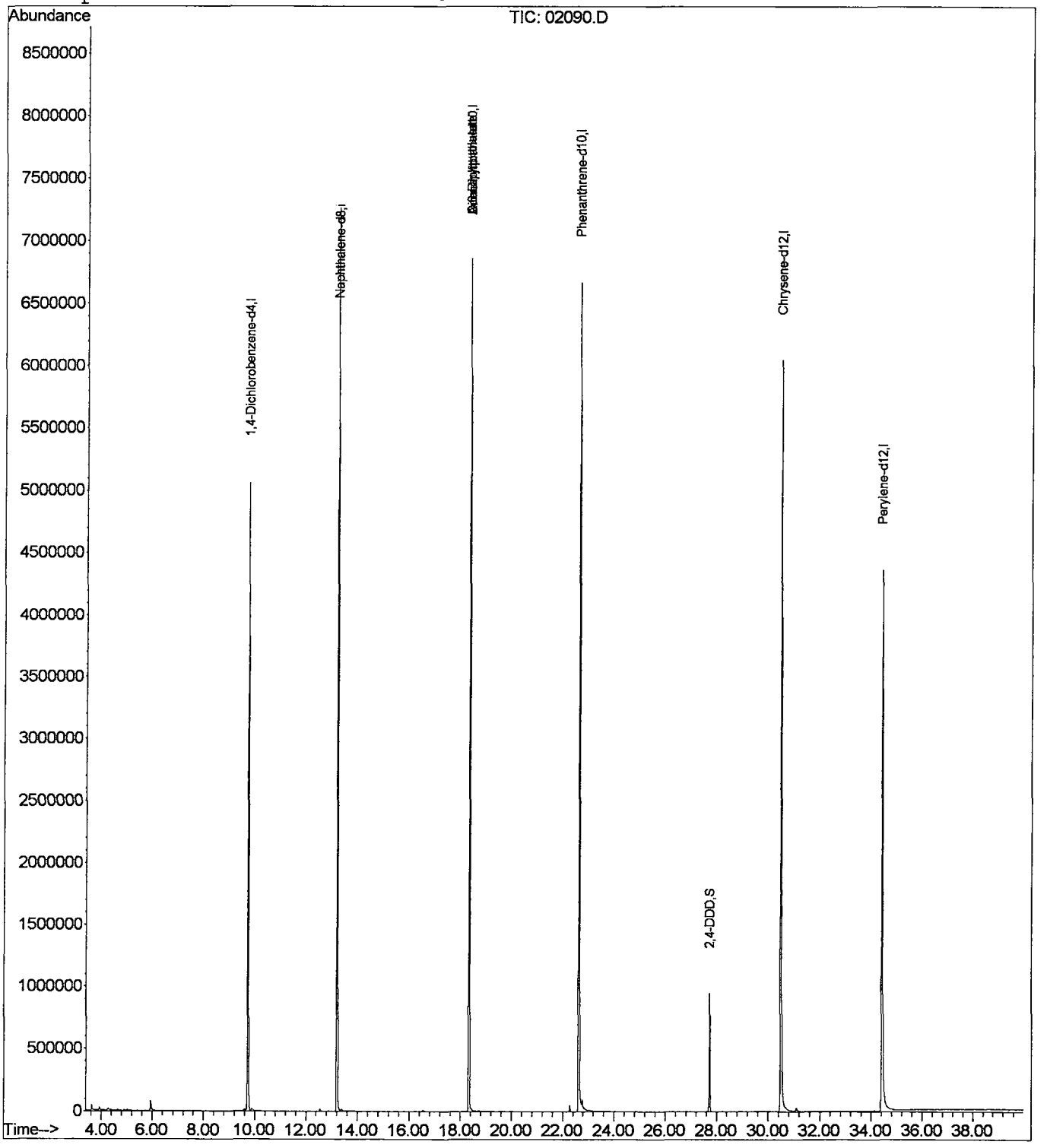
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.72	152	1779598	20.00	ug/L	0.00
10) Naphthalene-d8	13.20	136	7452895	20.00	ug/L	0.00
17) Acenaphthene-d10	18.34	164	3639342	20.00	ug/L	0.00
29) Phenanthrene-d10	22.63	188	5883720	20.00	ug/L	-0.01
38) Chrysene-d12	30.49	240	4895706	20.00	ug/L	-0.03
44) Perylene-d12	34.41	264	3561565	20.00	ug/L	-0.04
System Monitoring Compounds						
37) 2,4-DDD	27.72	235	347028	4.42	ug/L	0.00
Spiked Amount 5.000			Recovery = 88.40%			
Target Compounds						Qvalue
20) Dimethylphthalate	18.34	163	585296	2.65	ug/L	# 58
21) 2,6-Dinitrotoluene	18.33	165	460252	9.03	ug/L	# 27

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB26\02090.D Vial: 7
Acq On : 26 Feb 2002 7:45 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 27 8:30 2002 Quant Results File: HP022102.R

Method : C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
Title : 508 scan method
Last Update : Mon Feb 25 10:47:59 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02090.D Vial: 7
Acq On : 26 Feb 2002 7:45 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
Title : 508 scan method
Smoothing : OFF Filtering: 5
Sampling : 2 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 20
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

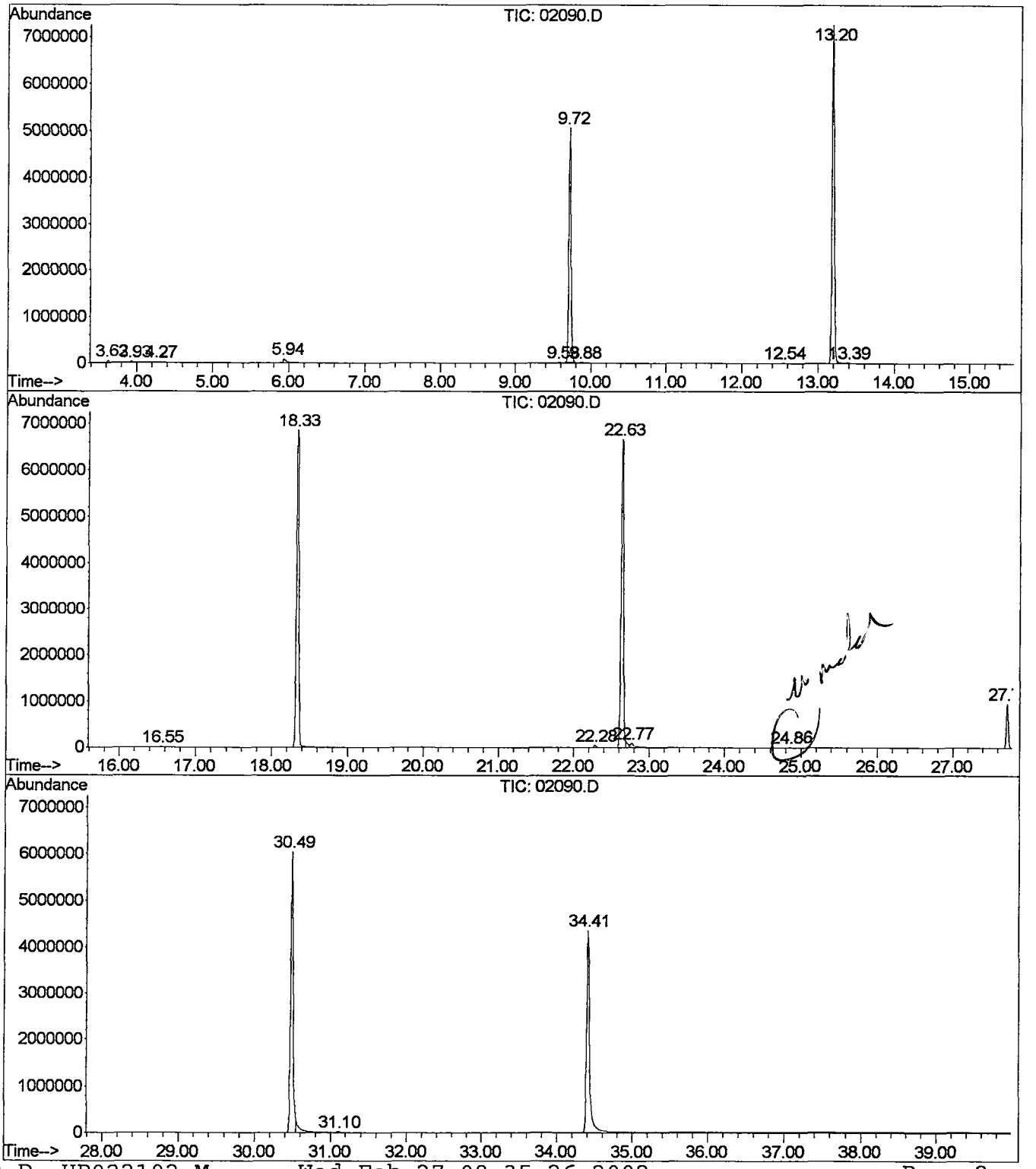
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.622	19	22	25	rBV	43911	64012	0.42%	0.077%
2	3.927	45	49	53	rVB	22445	42313	0.28%	0.051%
3	4.266	77	79	87	rBV3	17337	44797	0.29%	0.054%
4	5.936	225	227	239	rVV	82735	212192	1.39%	0.256%
5	9.583	547	550	557	rBV2	16180	60994	0.40%	0.074%
6	9.718	557	562	567	rBV	5045191	9835230	64.41%	11.885%
7	9.876	573	576	589	rVB	18080	80400	0.53%	0.097%
8	12.540	807	812	815	rVB	18461	33081	0.22%	0.040%
9	13.195	865	870	875	rBV	7261757	14023771	91.84%	16.946%
10	13.387	883	887	891	rVB	14542	30673	0.20%	0.037%
11	16.548	1163	1167	1171	rBV	14641	25889	0.17%	0.031%
12	18.332	1319	1325	1331	rBV	6856164	14769078	96.73%	17.847%
13	22.283	1669	1675	1681	rVV2	50768	100190	0.66%	0.121%
14	22.633	1701	1706	1711	rBV2	6665847	15269125	100.00%	18.451%
15	22.768	1715	1718	1735	rVB	86876	364986	2.39%	0.441%
16	24.857	1899	1903	1913	rBV	11668	30602	0.20%	0.037%
17	27.724	2153	2157	2163	rVV	944721	1695834	11.11%	2.049%
18	30.490	2397	2402	2407	rBV2	6042609	13885726	90.94%	16.780%
19	31.099	2451	2456	2471	rVB	26333	90916	0.60%	0.110%
20	34.407	2743	2749	2779	rBV	4355373	12093934	79.21%	14.614%

Sum of corrected areas: 82753743

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02FEB26\02090.D
Operator :
Acquired : 26 Feb 2002 7:45 pm using AcqMethod HP020702
Instrument : Instrumen
Sample Name: 508 scan
Misc Info : February 26, 2002
Vial Number: 7
Quant File :HP022102.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02090.D Vial: 7
Acq On : 26 Feb 2002 7:45 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

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Title : 508 scan method
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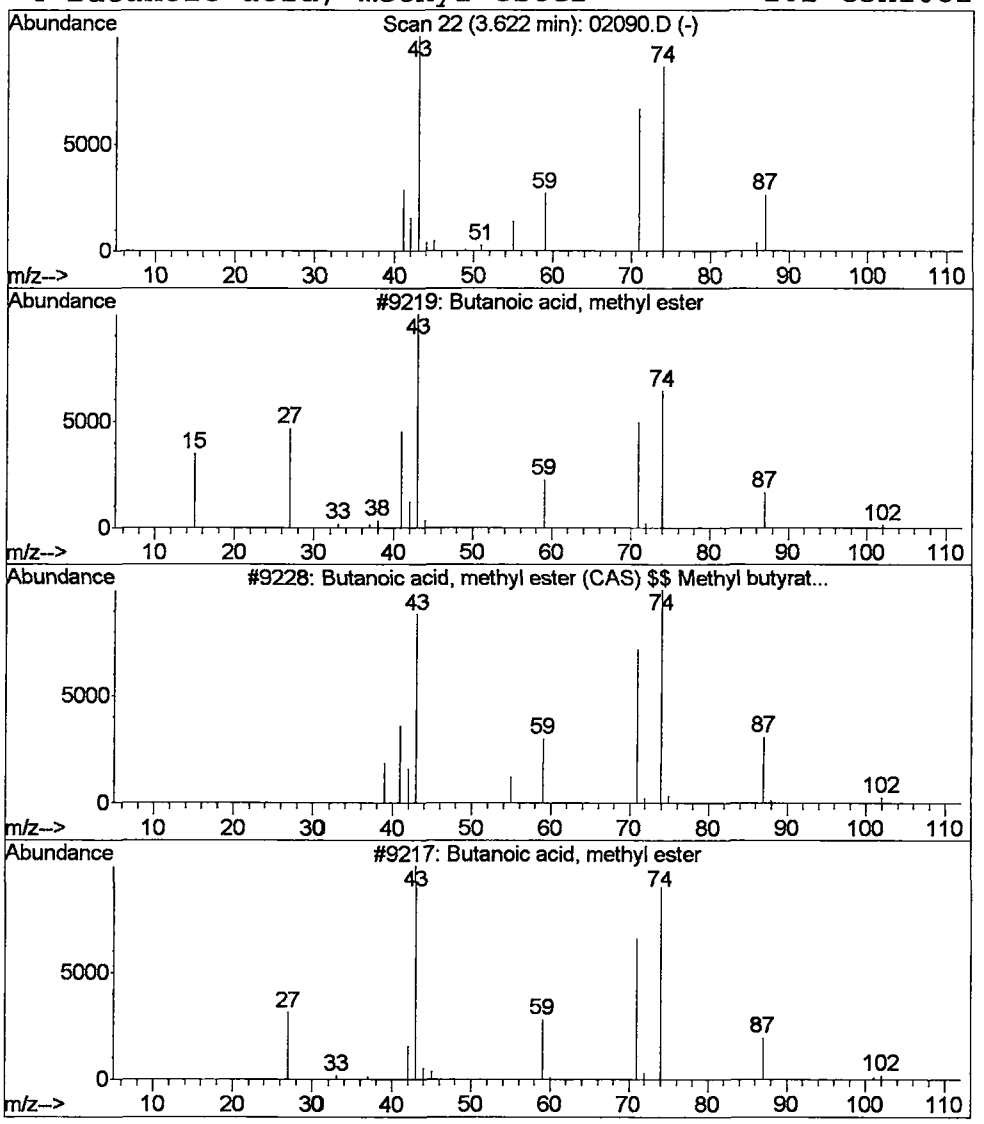
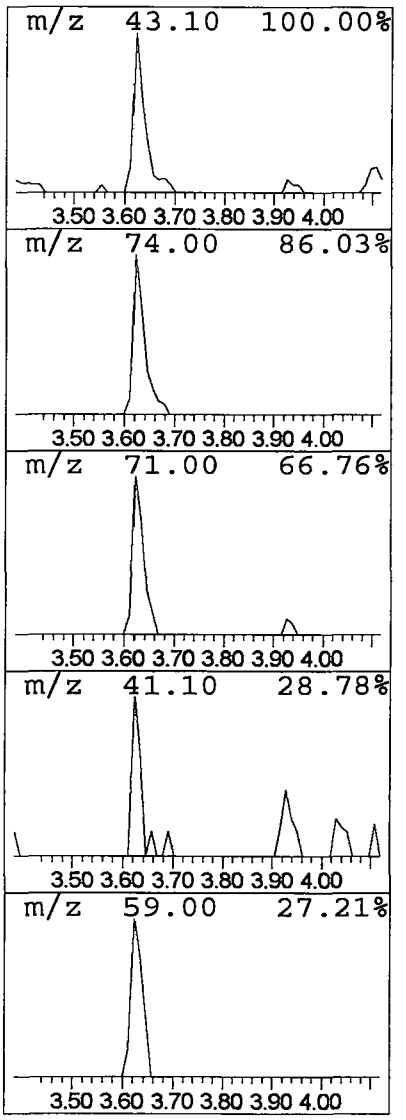
Peak Number 1 Butanoic acid, methyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.62	0.13 ug/L	64012	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	83
2	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
3	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	83
4	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	78





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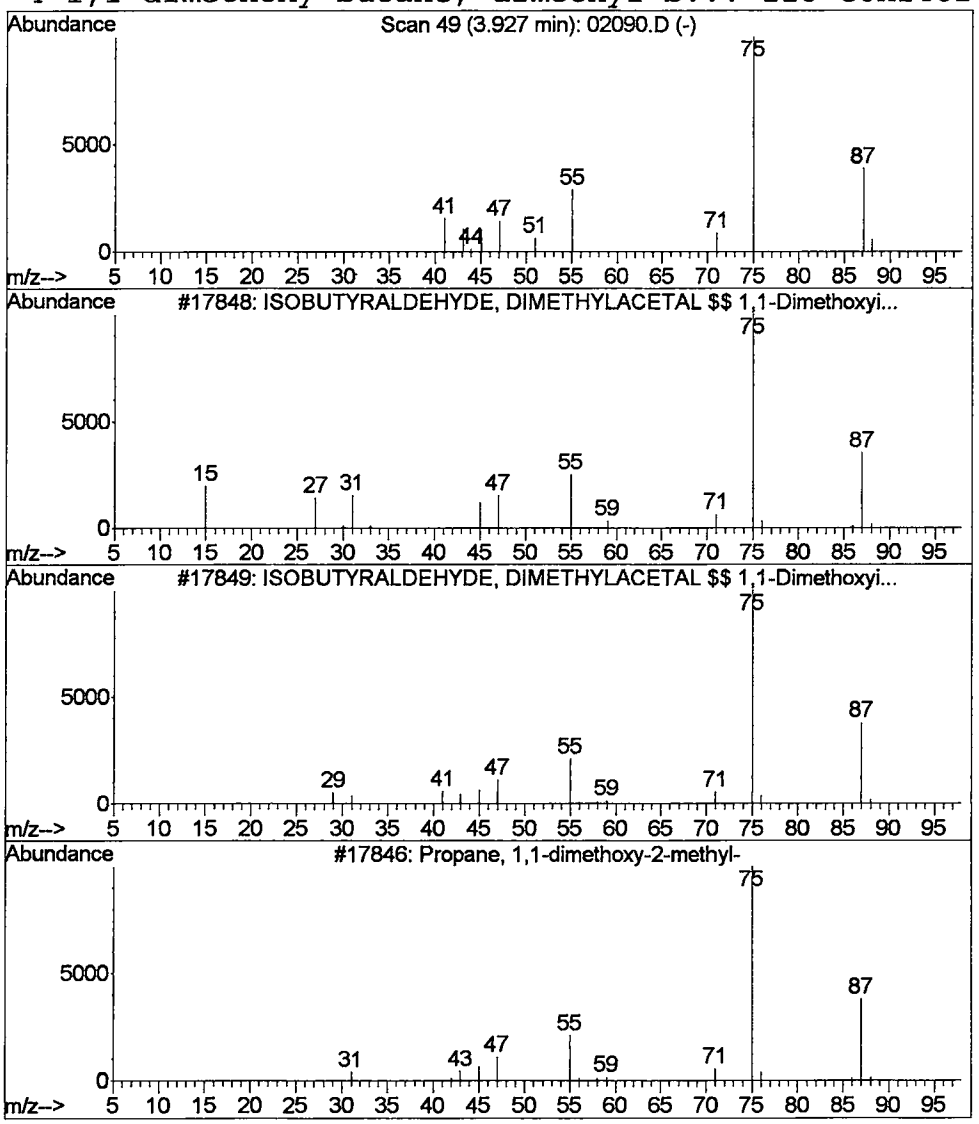
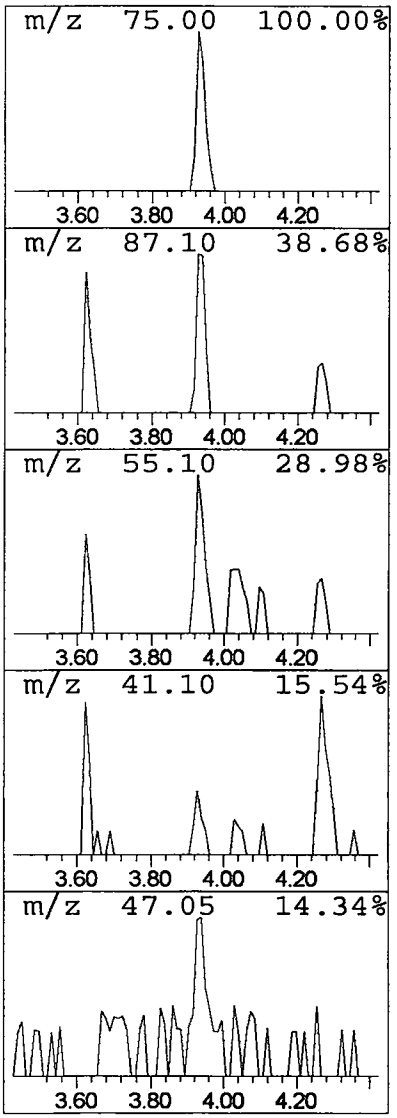
Peak Number 2 ISOBUTYRALDEHYDE, DIMETHYLA... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.93	0.09 ug/L	42313	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	83
2	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	74
3	Propane, 1,1-dimethoxy-2-methyl-	118	C6H14O2	041632-89-7	74
4	1,1-dimethoxy butane, dimethyl b...	118	C6H14O2	000000-00-0	9





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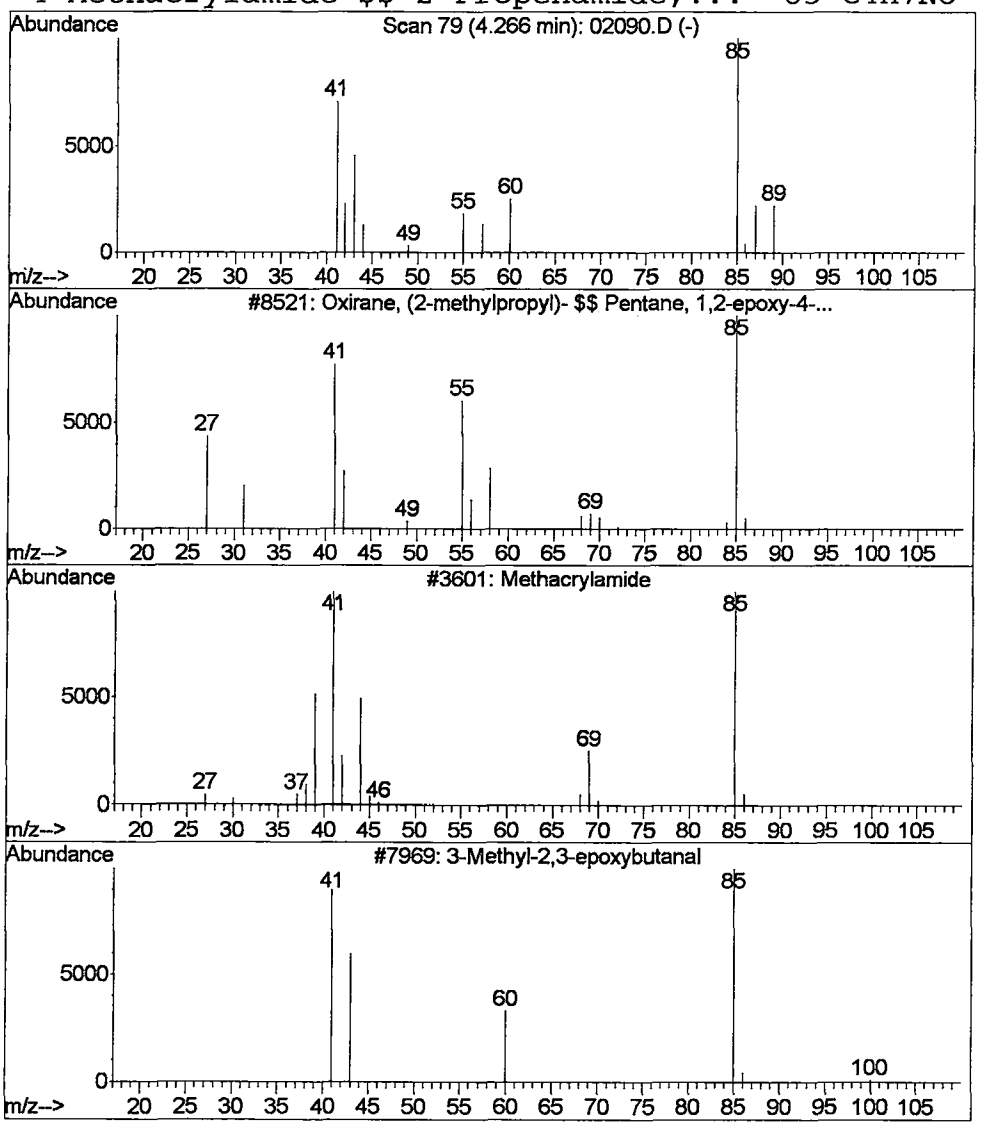
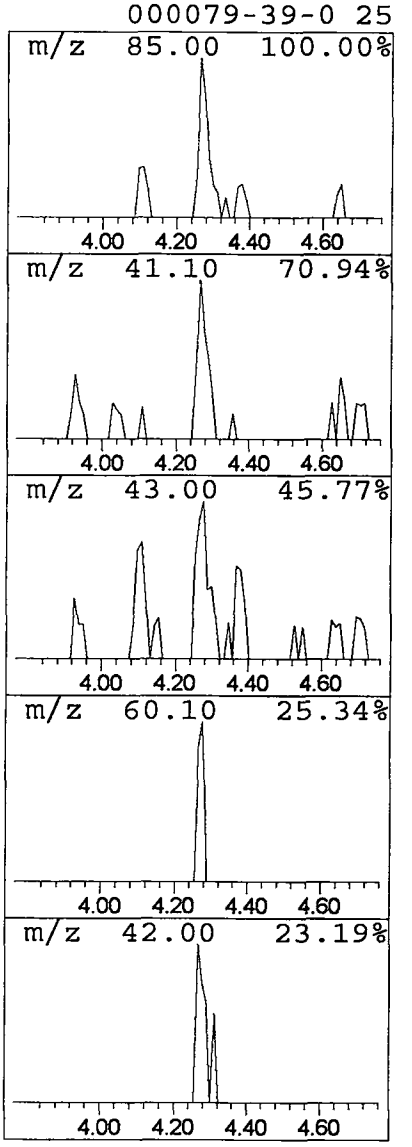
Peak Number 3 Oxirane, (2-methylpropyl)- ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	0.09 ug/L	44797	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, (2-methylpropyl)- $$ Pe...	100	C6H12O	023850-78-4	28
2	Methacrylamide	85	C4H7NO	000079-39-0	25
3	3-Methyl-2,3-epoxybutanal	100	C5H8O2	000000-00-0	25
4	Methacrylamide $$ 2-Propenamide,...	85	C4H7NO	000079-39-0	25





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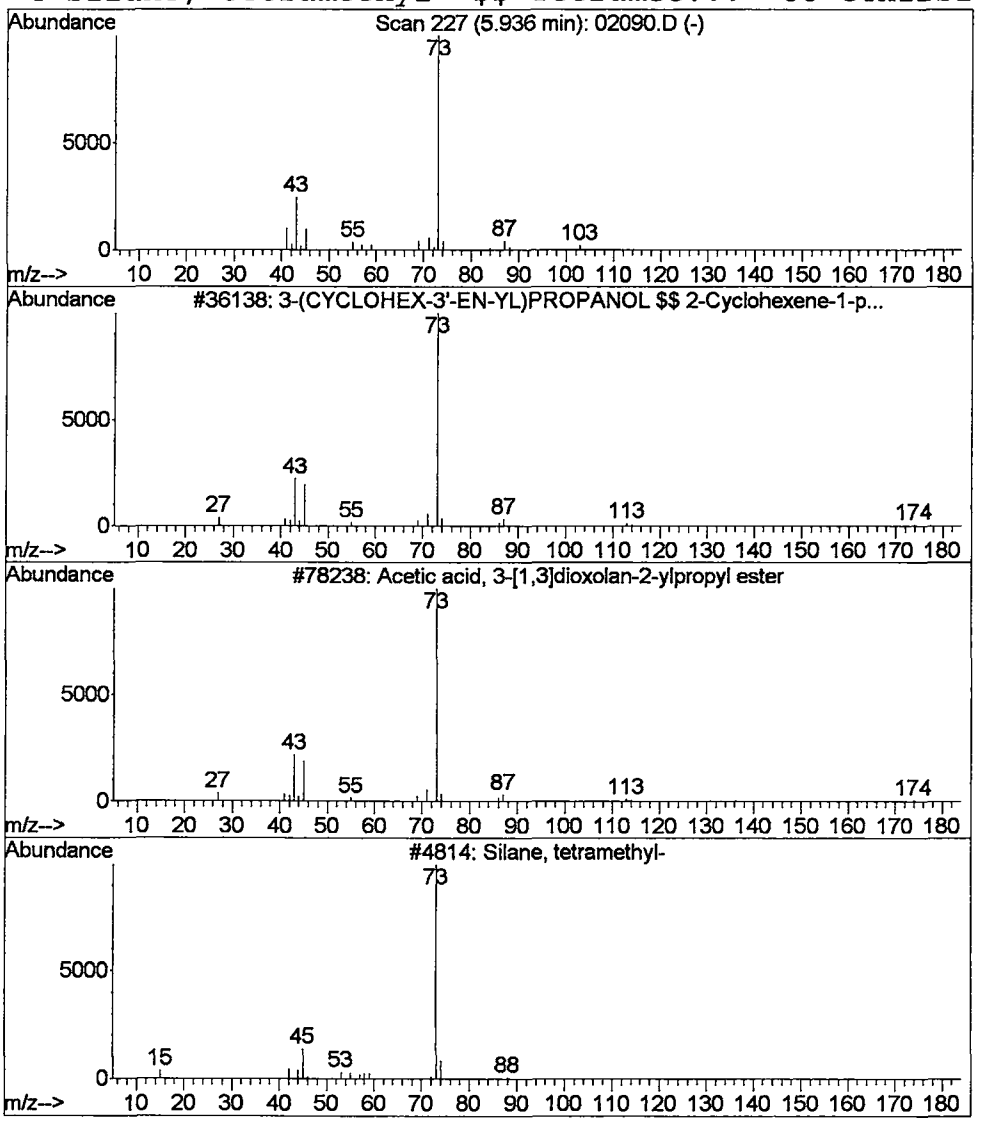
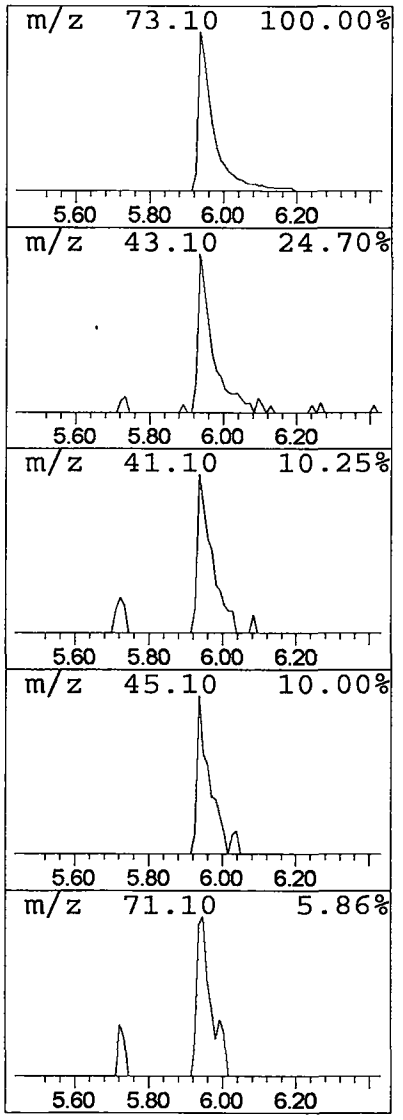
Peak Number 4 3-(CYCLOHEX-3'-EN-YL)PROPAN... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	0.43 ug/L	212192	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	40
2	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	Silane, tetramethyl- $$ Tetramet...	88	C4H12Si	000075-76-3	38





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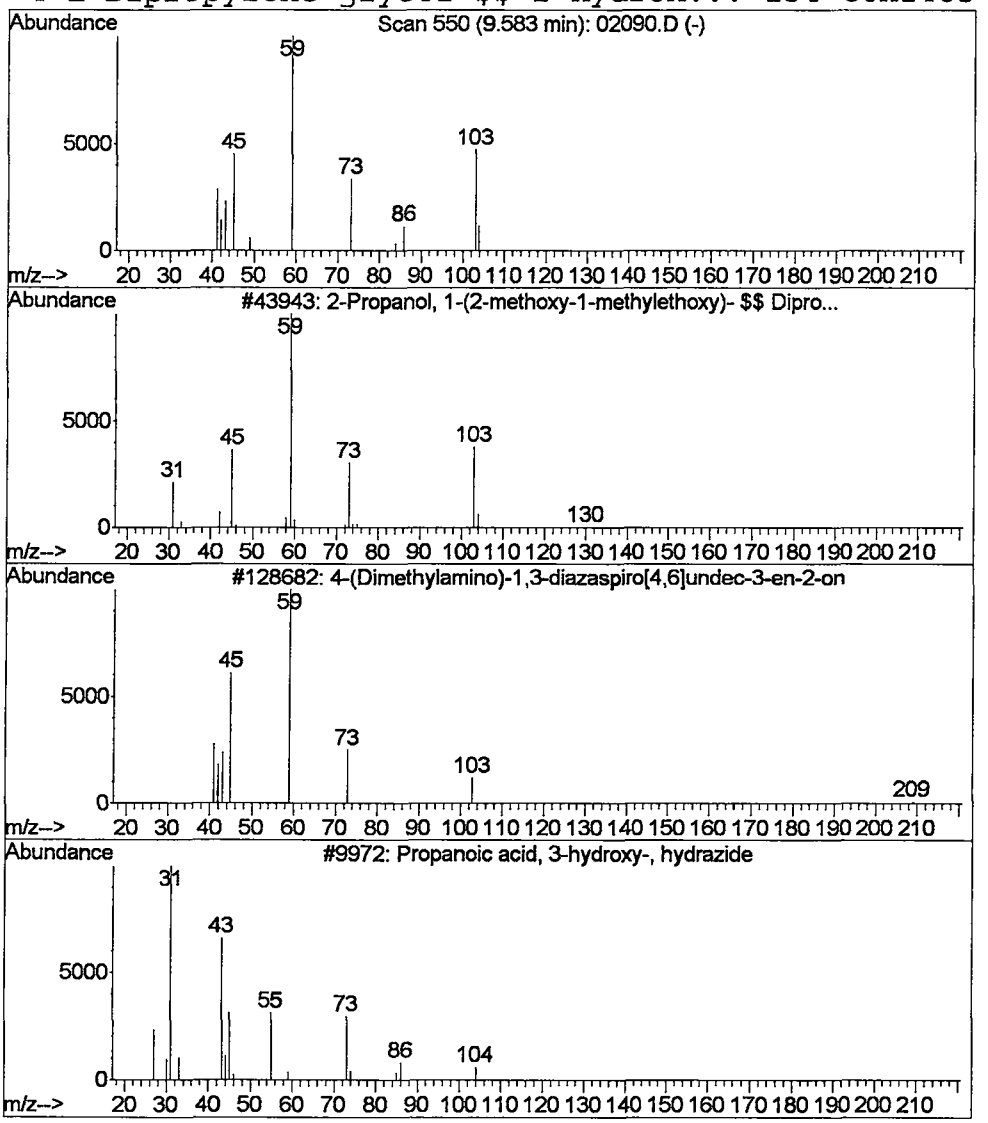
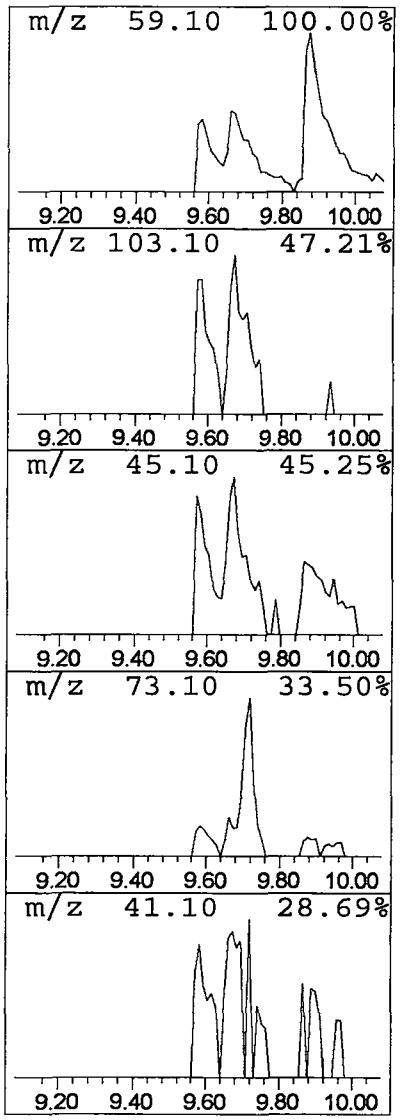
Peak Number 5 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	0.12 ug/L	60994	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	78
2	4-(Dimethylamino)-1,3-diazaspiro...	209	C11H19N3O	000000-00-0	53
3	Propanoic acid, 3-hydroxy-, hydr...	104	C3H8N2O2	024535-11-3	9
4	E-Dipropylene glycol $$ 2-hydrox...	134	C6H14O3	000000-00-0	9





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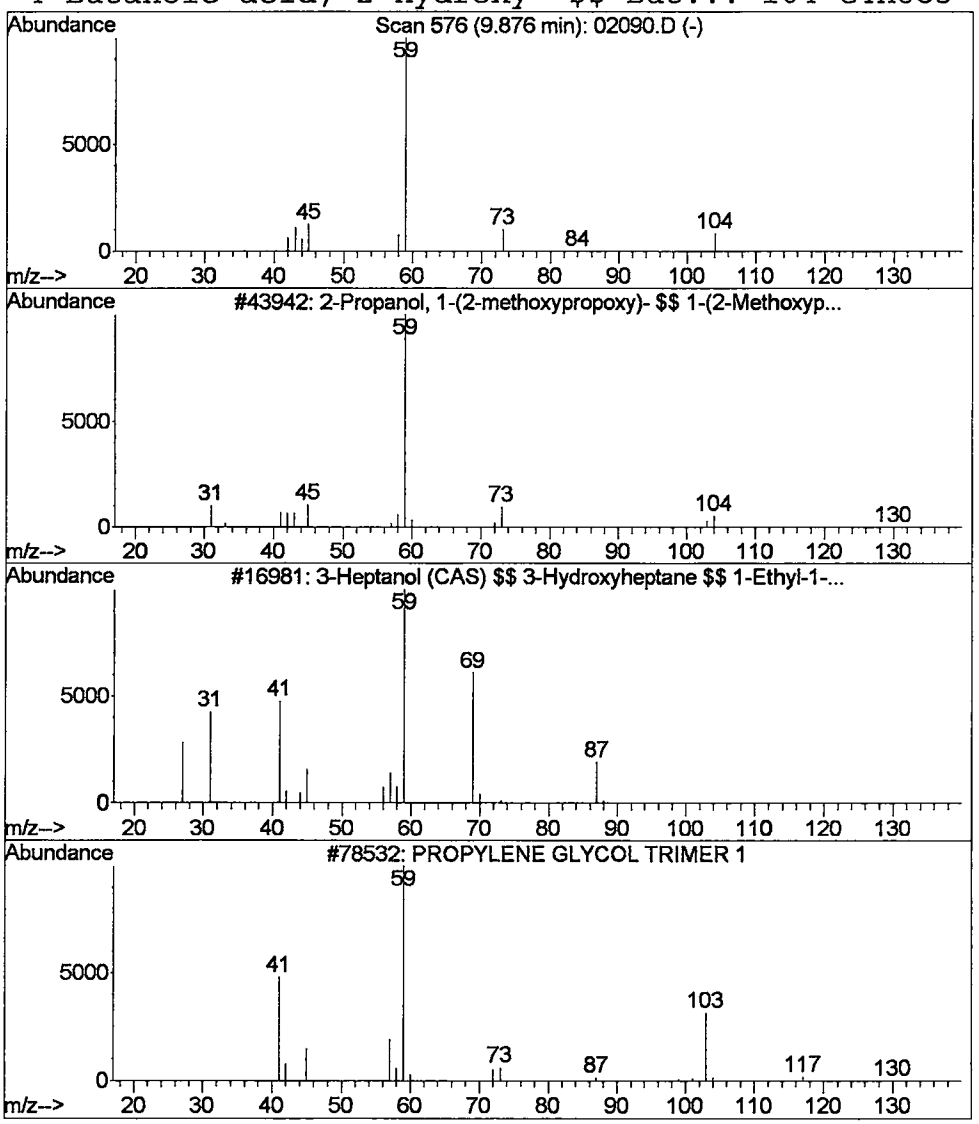
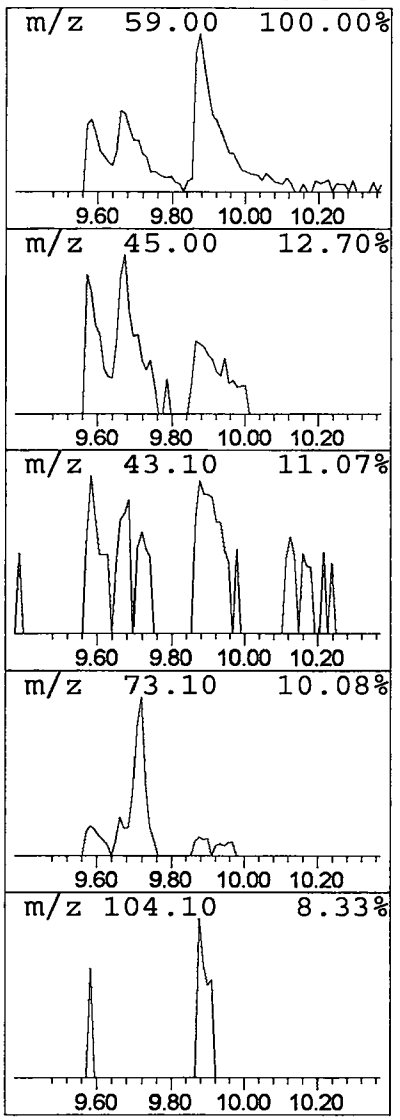
Peak Number 6 2-Propanol, 1-(2-methoxypro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.88	0.16 ug/L	80400	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxypropoxy)...	148	C7H16O3	013429-07-7	83
2	3-Heptanol (CAS) $$ 3-Hydroxyhep...	116	C7H16O	000589-82-2	9
3	PROPYLENE GLYCOL TRIMER 1	174	C9H18O3	000000-00-0	9
4	Butanoic acid, 2-hydroxy- $$ But...	104	C4H8O3	000565-70-8	5





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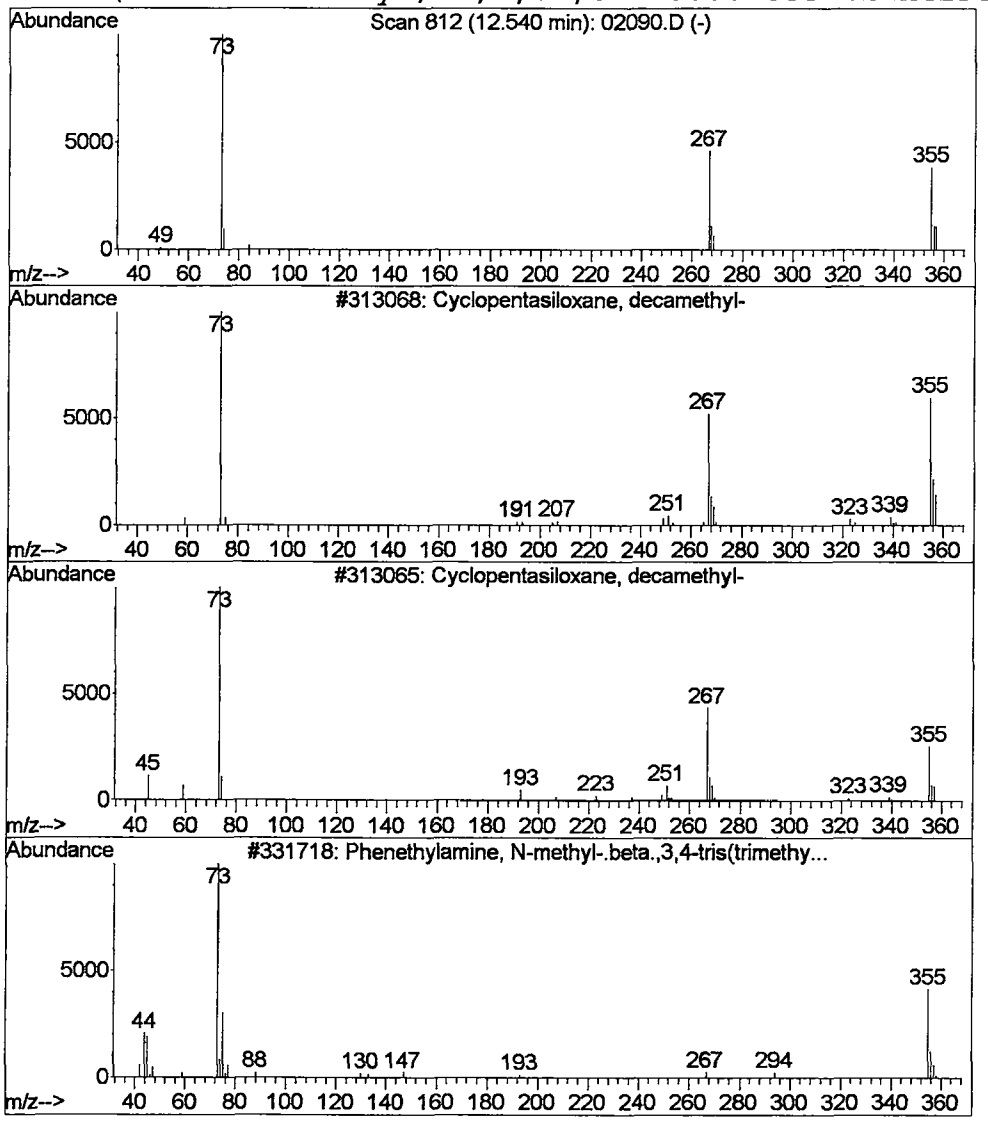
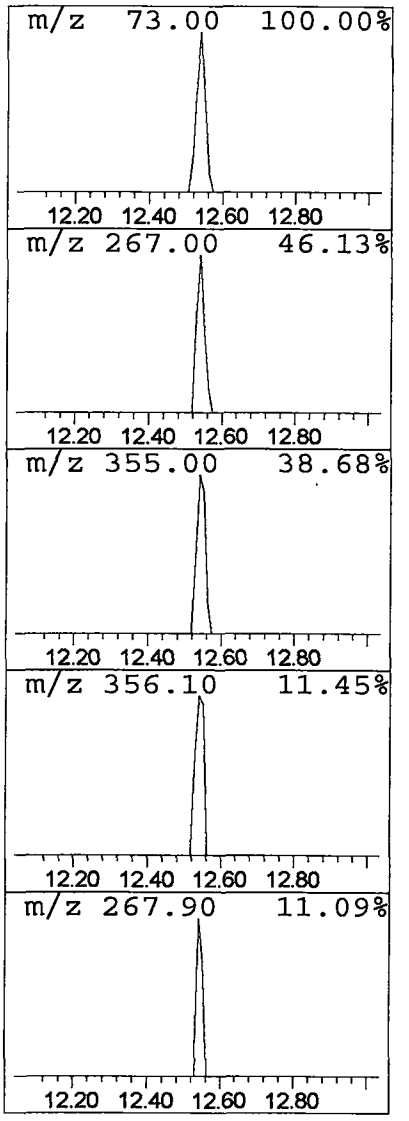
Peak Number 7 Cyclopentasiloxane, decamet... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	0.05 ug/L	33081	Naphthalene-d8	13.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	74
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	74
3	Phenethylamine, N-methyl-.beta.,...	399	C18H37NO3Si3	010538-85-9	38
4	N-(Trifluoroacetyl)-N,O,O',O''-t...	553	C22H42F3NO4Si4	000000-00-0	38





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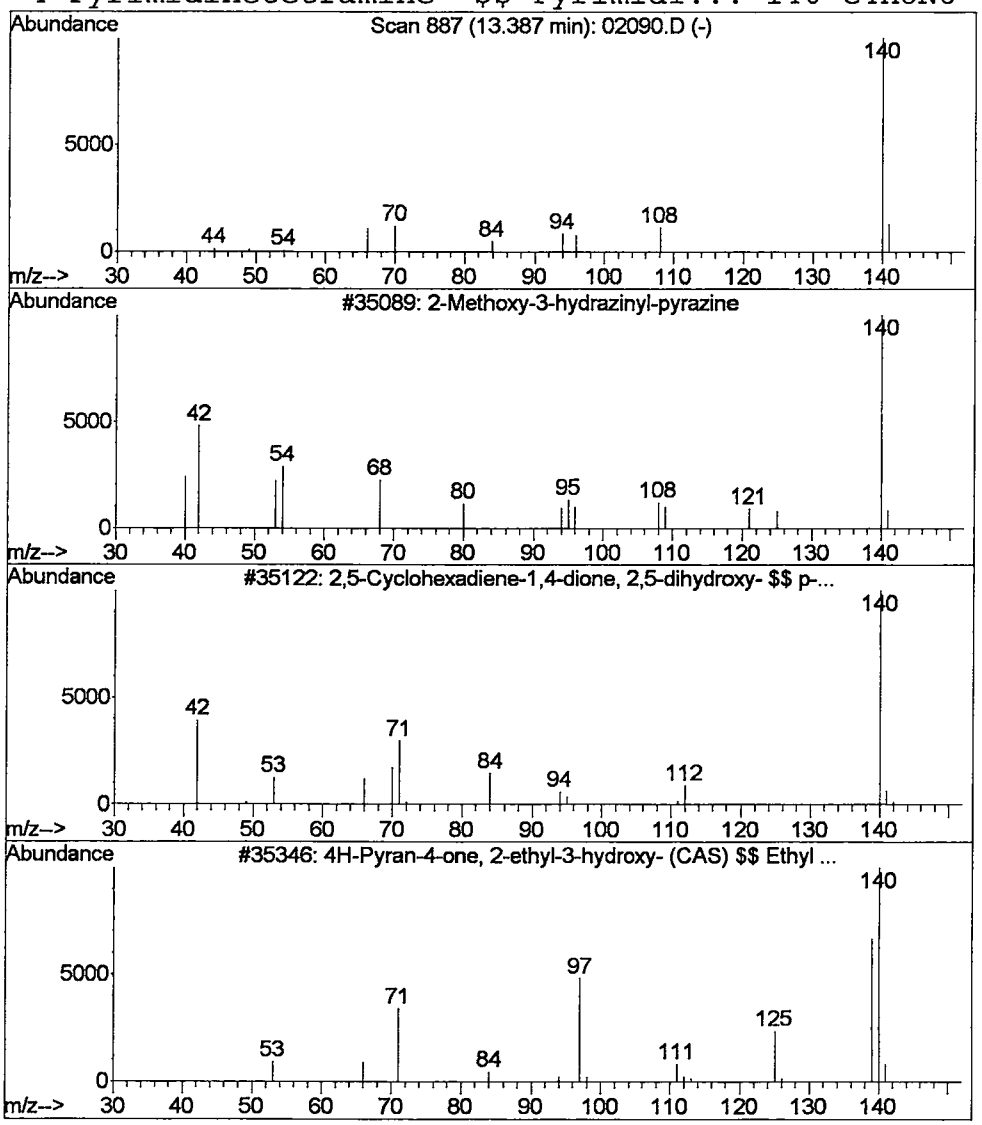
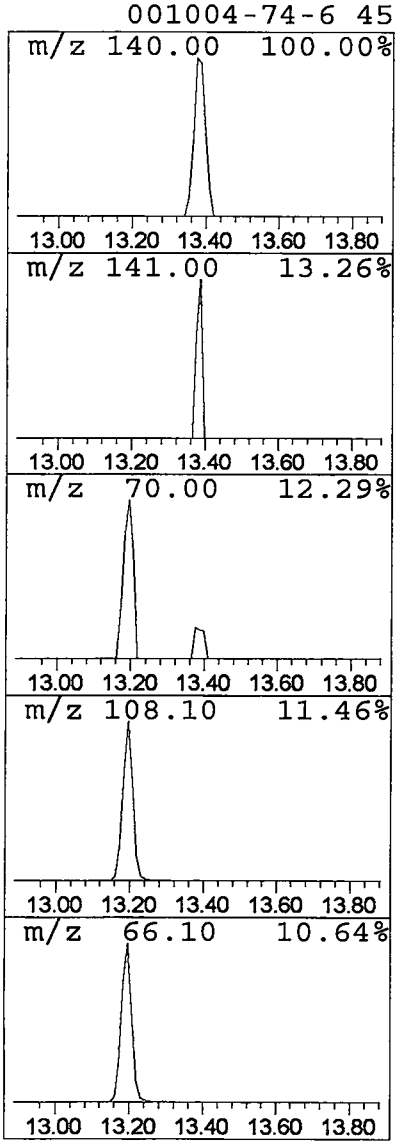
Peak Number 8 2-Methoxy-3-hydrazinyl-pyra... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	0.04 ug/L	30673	Naphthalene-d8	13.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methoxy-3-hydrazinyl-pyrazine	140	C5H8N4O	000000-00-0	72
2	2,5-Cyclohexadiene-1,4-dione, 2,...	140	C6H4O4	000615-94-1	64
3	4H-Pyran-4-one, 2-ethyl-3-hydrox...	140	C7H8O3	004940-11-8	56
4	Pyrimidinetetramine- $$ Pyrimidi...	140	C4H8N6	001004-74-6	45





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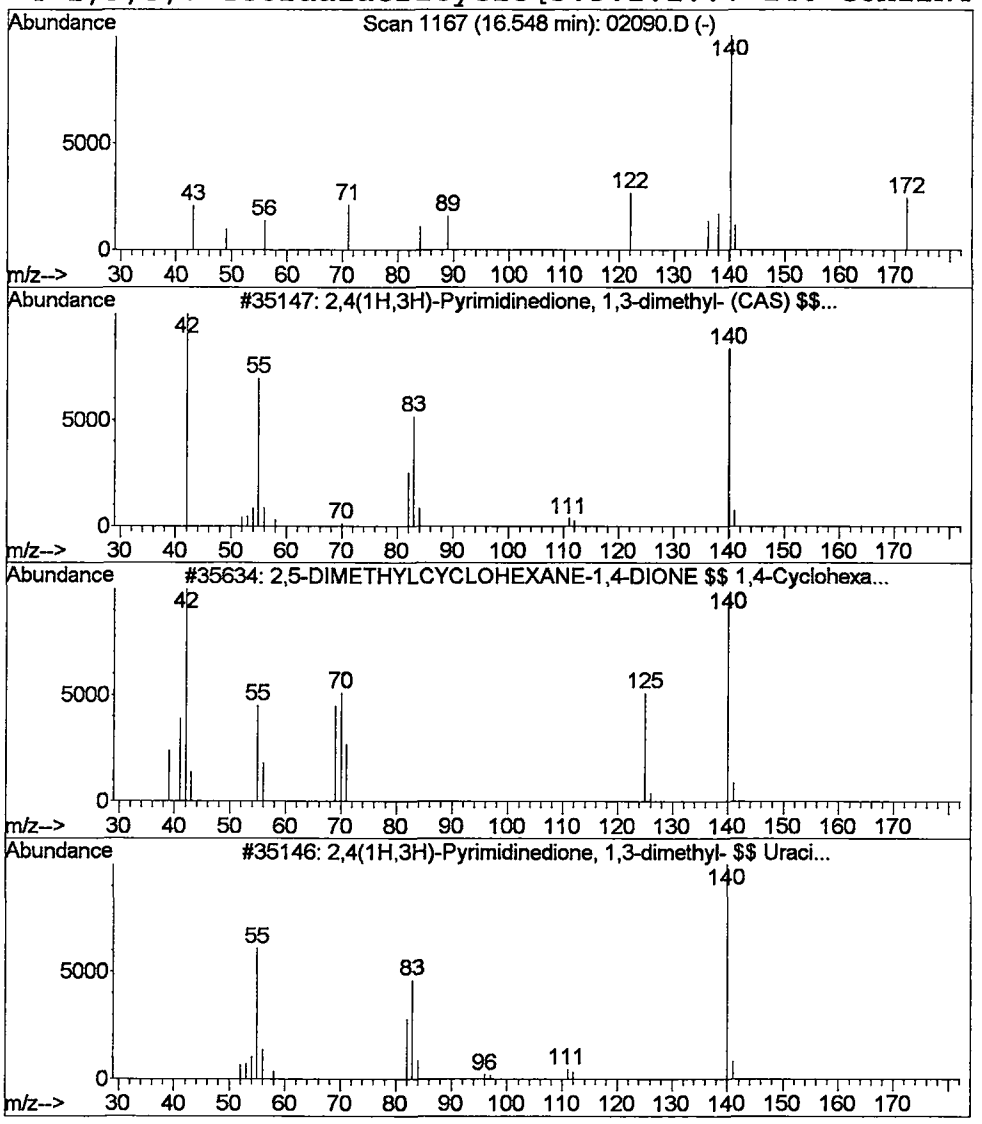
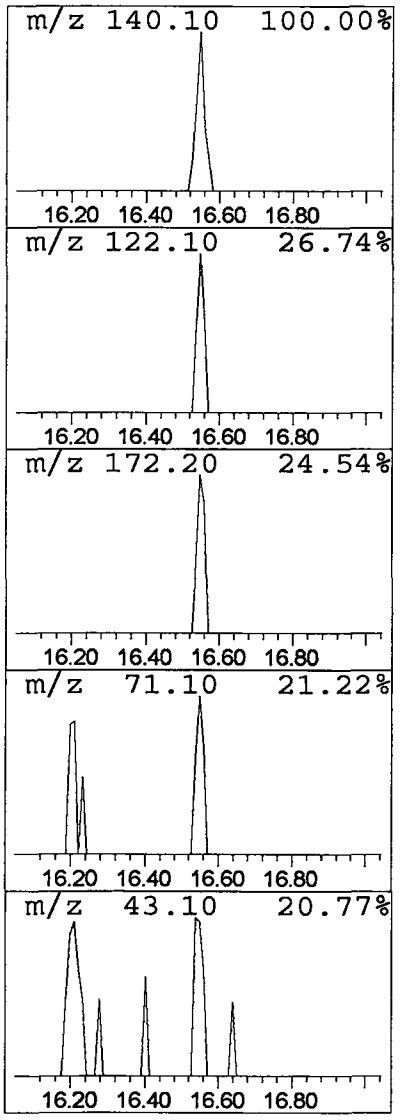
Peak Number 9 2,4(1H,3H)-Pyrimidinedione,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	0.04 ug/L	25889	Acenaphthene-d10	18.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4(1H,3H)-Pyrimidinedione, 1,3-...	140	C6H8N2O2	000874-14-6	32
2	2,5-DIMETHYLCYCLOHEXANE-1,4-DION...	140	C8H12O2	000583-81-3	32
3	2,4(1H,3H)-Pyrimidinedione, 1,3-...	140	C6H8N2O2	000874-14-6	9
4	1,3,5,7-Tetraazatricyclo[3.3.1.1...	140	C6H12N4	000100-97-0	9





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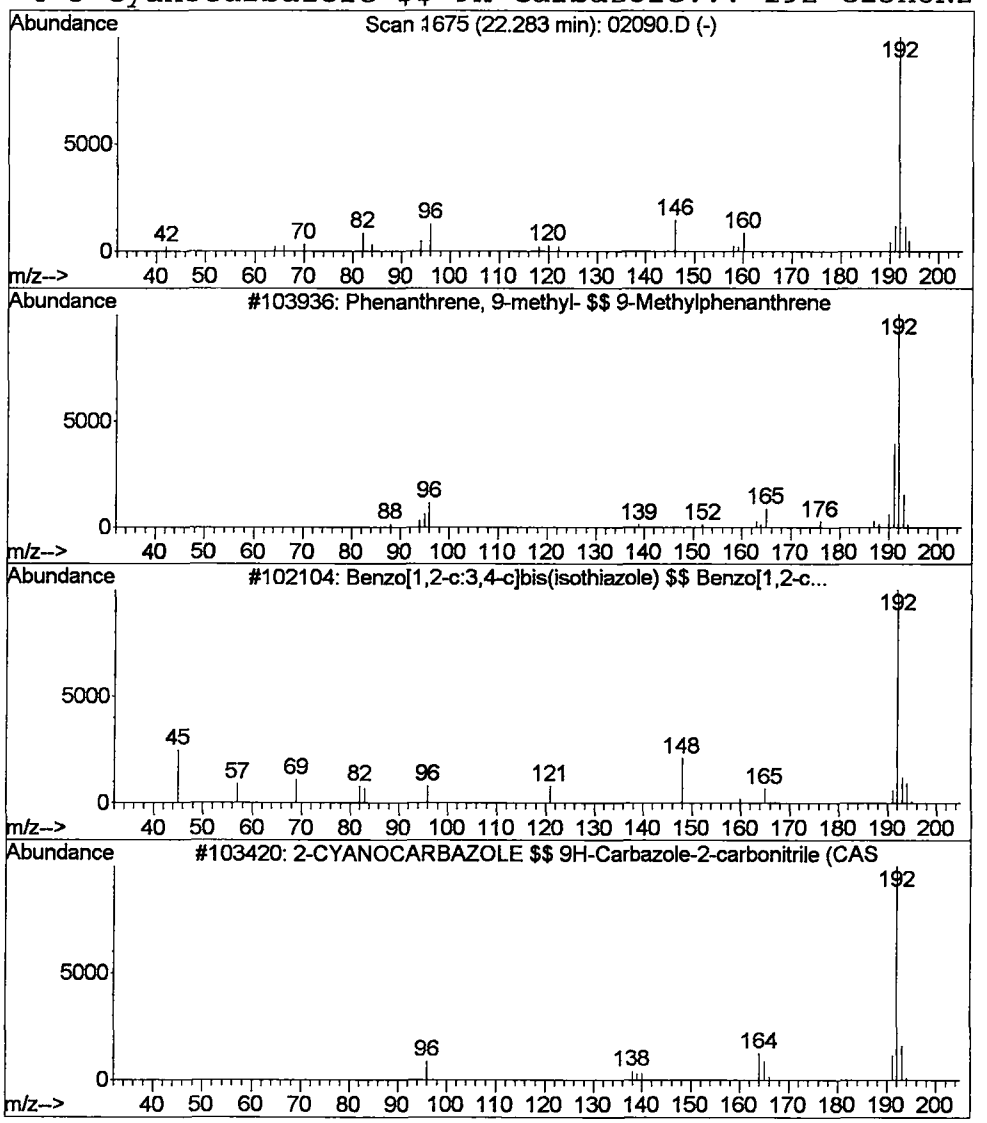
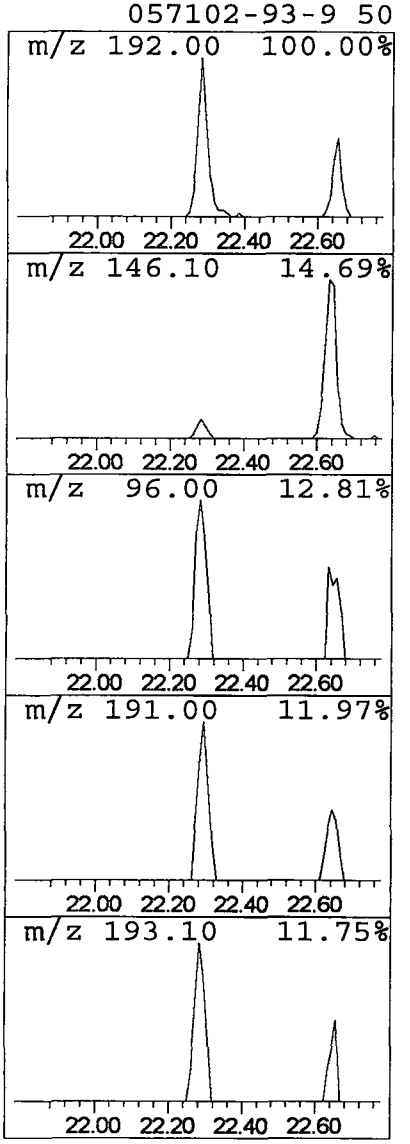
Peak Number 10 Phenanthrene, 9-methyl- $$ ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.13 ug/L	100190	Phenanthrene-d10	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 9-methyl- $$ 9-Met...	192	C15H12	000883-20-5	59
2	Benzo[1,2-c:3,4-c]bis(isothiazol...	192	C8H4N2S2	074960-05-7	59
3	2-CYANOCARBAZOLE $$ 9H-Carbazole...	192	C13H8N2	057955-18-7	50
4	3-Cyanocarbazole $$ 9H-Carbazole...	192	C13H8N2	057102-93-9	50





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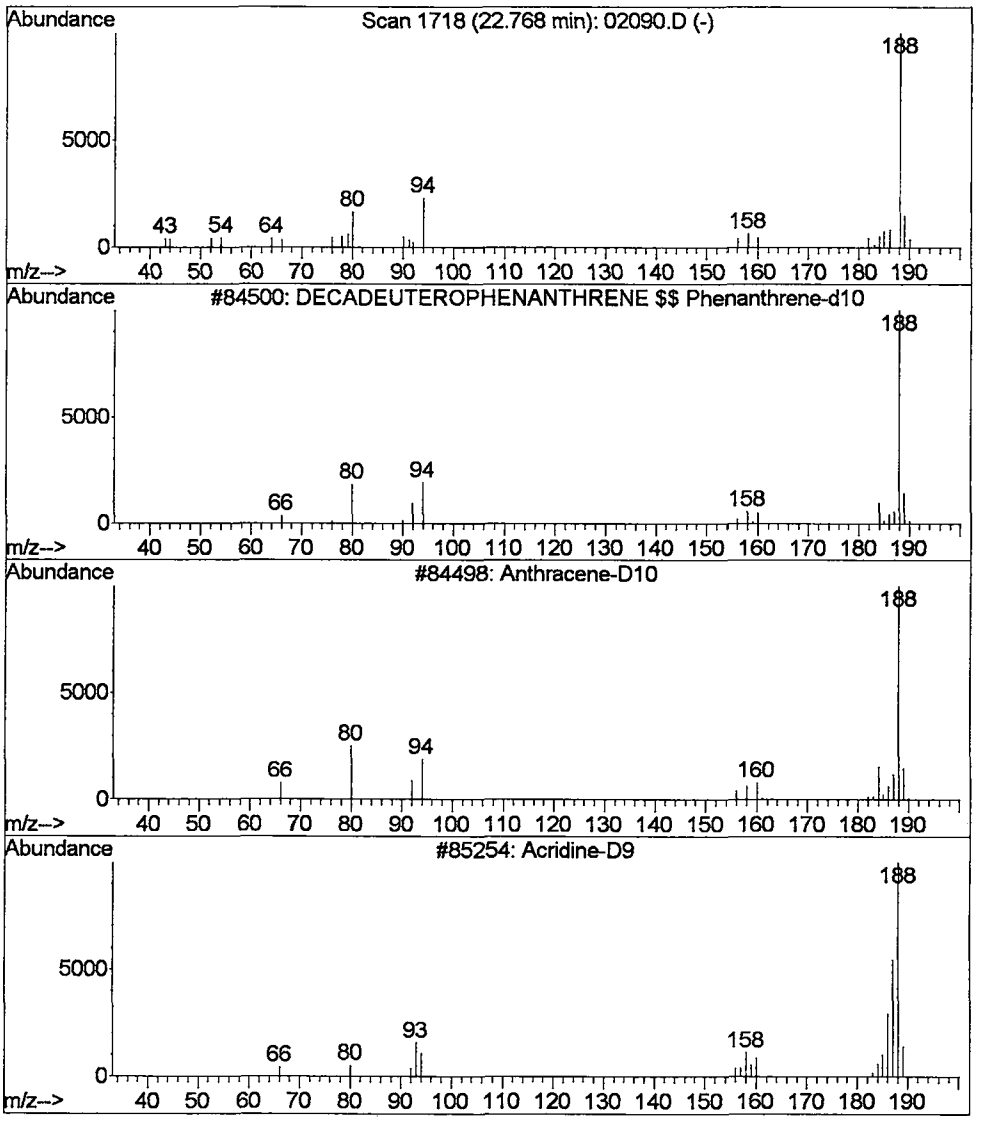
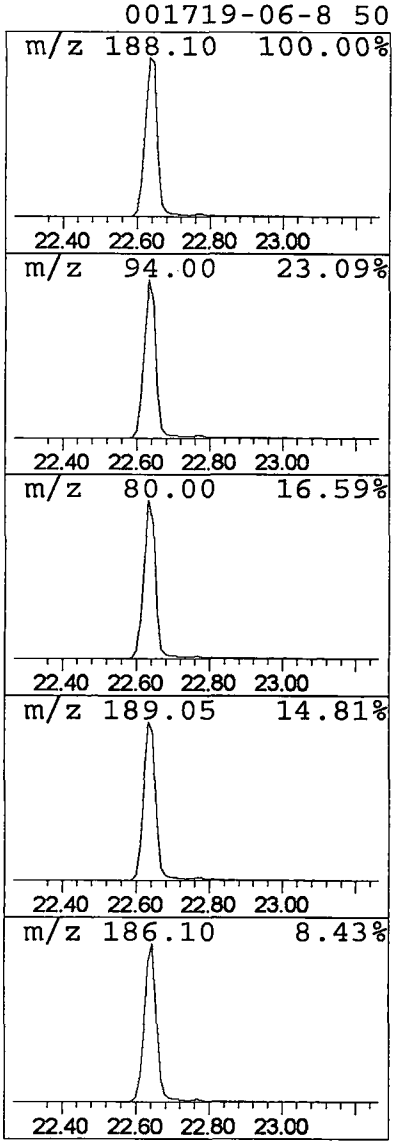
Peak Number 11 DECADEUTEROPHENANTHRENE $$ ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.48 ug/L	364986	Phenanthrene-d10	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	90
2	Anthracene-D10	188	C14D10	000000-00-0	80
3	Acridine-D9	188	C13D9N	000000-00-0	50
4	Anthracene-d10-	188	C14D10	001719-06-8	50





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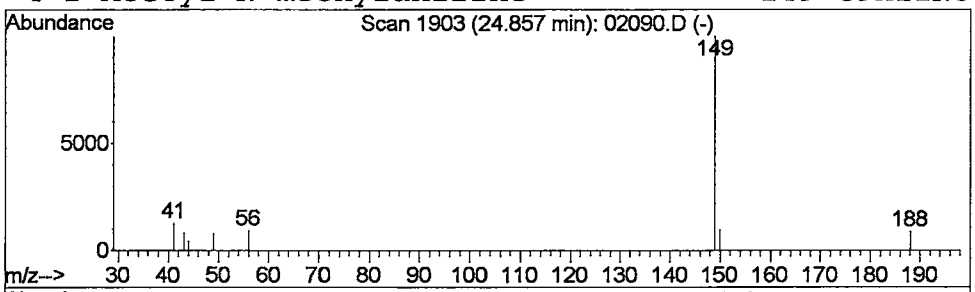
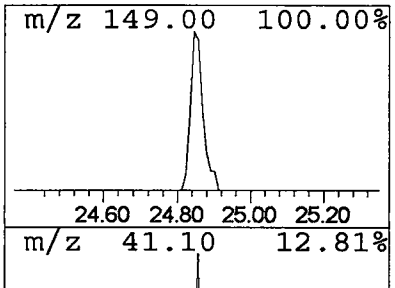
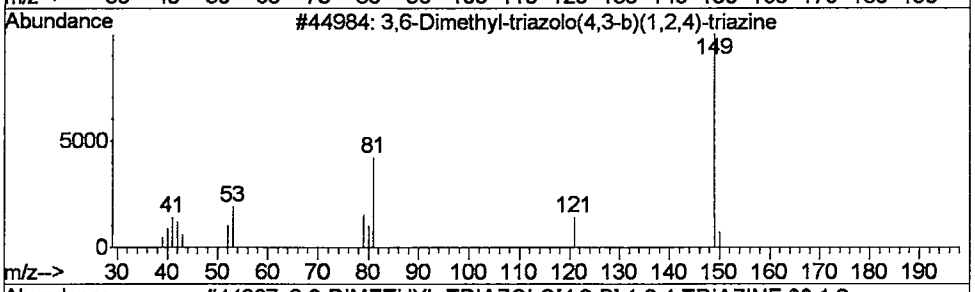
Peak Number 12 3,6-Dimethyl-triazolo(4,3-b... Concentration Rank 12

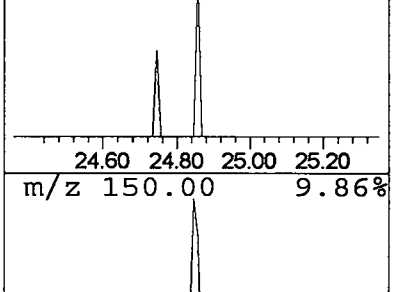
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.86	0.04 ug/L	30602	Phenanthrene-d10	22.63

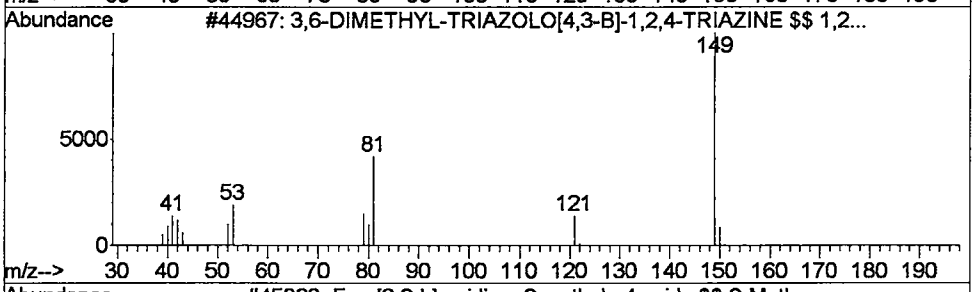
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dimethyl-triazolo(4,3-b)(1,2...	149	C6H7N5	000000-00-0	7
2	3,6-DIMETHYL-TRIAZOLO[4,3-B]-1,2...	149	C6H7N5	061139-71-7	7
3	Furo[3,2-b]pyridine, 2-methyl-, ...	149	C8H7NO2	069022-83-9	4
4	2-Acetyl-N-methylaniline	149	C9H11NO	000000-00-0	4

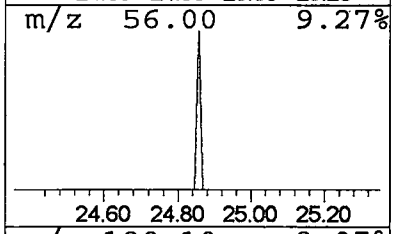


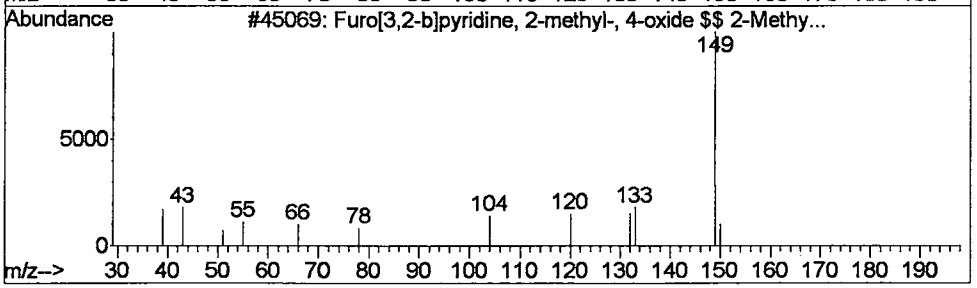


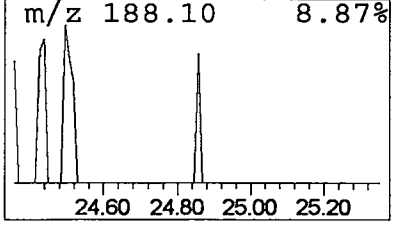












Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02090.D Vial: 7
Acq On : 26 Feb 2002 7:45 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

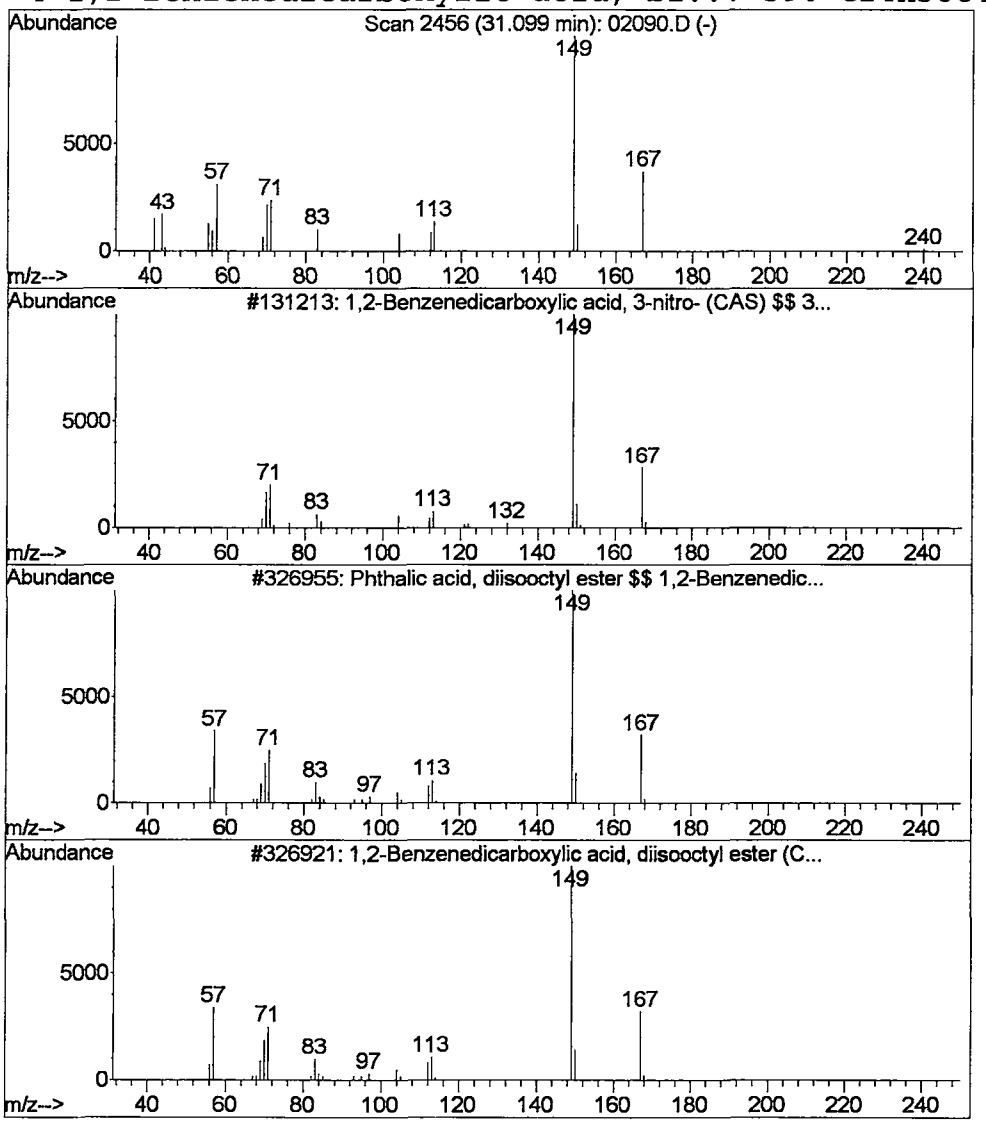
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

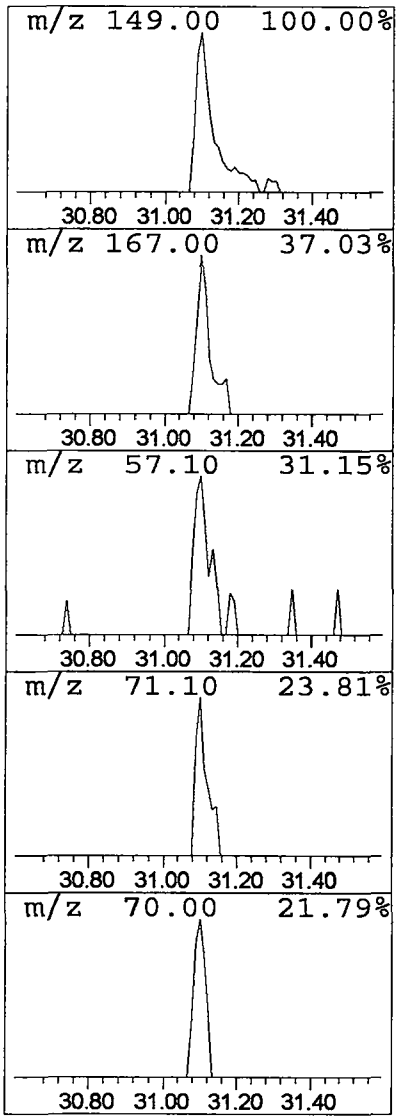
****

Peak Number 13 1,2-Benzenedicarboxylic aci... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.10	0.13 ug/L	90916	Chrysene-d12	30.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, 3-...	211	C8H5NO6	000603-11-2	83
2	Phthalic acid, diisooctyl ester ...	390	C24H38O4	001330-91-2	78
3	1,2-Benzenedicarboxylic acid, di...	390	C24H38O4	027554-26-3	78
4	1,2-Benzenedicarboxylic acid, bi...	390	C24H38O4	000117-81-7	78





Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 26 Feb 2002 7:45 pm
Data File: C:\MSDCHEM\1\5973N\02FEB26\02090.D
Name: 508 scan
Misc: February 26, 2002
Method: C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
Title: 508 scan method
Library Searched: C:\DATABASE\WILEY7N.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
Butanoic acid, me...	3.62	0.1	ug/L	64012	1	9.72	9835230	20.0
ISOBUTYRALDEHYDE,...	3.93	0.1	ug/L	42313	1	9.72	9835230	20.0
Oxirane, (2-methy...	4.27	0.1	ug/L	44797	1	9.72	9835230	20.0
3-(CYCLOHEX-3'-EN...	5.94	0.4	ug/L	212192	1	9.72	9835230	20.0
2-Propanol, 1-(2-...	9.58	0.1	ug/L	60994	1	9.72	9835230	20.0
2-Propanol, 1-(2-...	9.88	0.2	ug/L	80400	1	9.72	9835230	20.0
Cyclopentasiloxan...	12.54	0.0	ug/L	33081	2	13.20	14023800	20.0
2-Methoxy-3-hydra...	13.39	0.0	ug/L	30673	2	13.20	14023800	20.0
2,4(1H,3H)-Pyrimi...	16.55	0.0	ug/L	25889	3	18.34	14769100	20.0
Phenanthrene, 9-m...	22.28	0.1	ug/L	100190	4	22.63	15269100	20.0
DECADEUTEROPHENAN...	22.77	0.5	ug/L	364986	4	22.63	15269100	20.0
3,6-Dimethyl-tria...	24.86	0.0	ug/L	30602	4	22.63	15269100	20.0
1,2-Benzenedicarb...	31.10	0.1	ug/L	90916	5	30.49	13885700	20.0

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/01/2002 Time: 15:11:17

Sample: AE02091
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/1/02 15:11 Ended: 3/1/02 15:11 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		87		5.0

Comments for Sample AE02091 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-01-2002 Time: 15:11:26

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 23 of the 43 compounds in the LCS Standard were above their acceptance ranges.

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB26\02091.D Vial: 8
Acq On : 26 Feb 2002 8:34 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 27 08:30:47 2002 Quant Results File: HP022102.RES

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Last Update : Mon Feb 25 10:47:59 2002
Response via : Initial Calibration
DataAcq Meth : HP020702

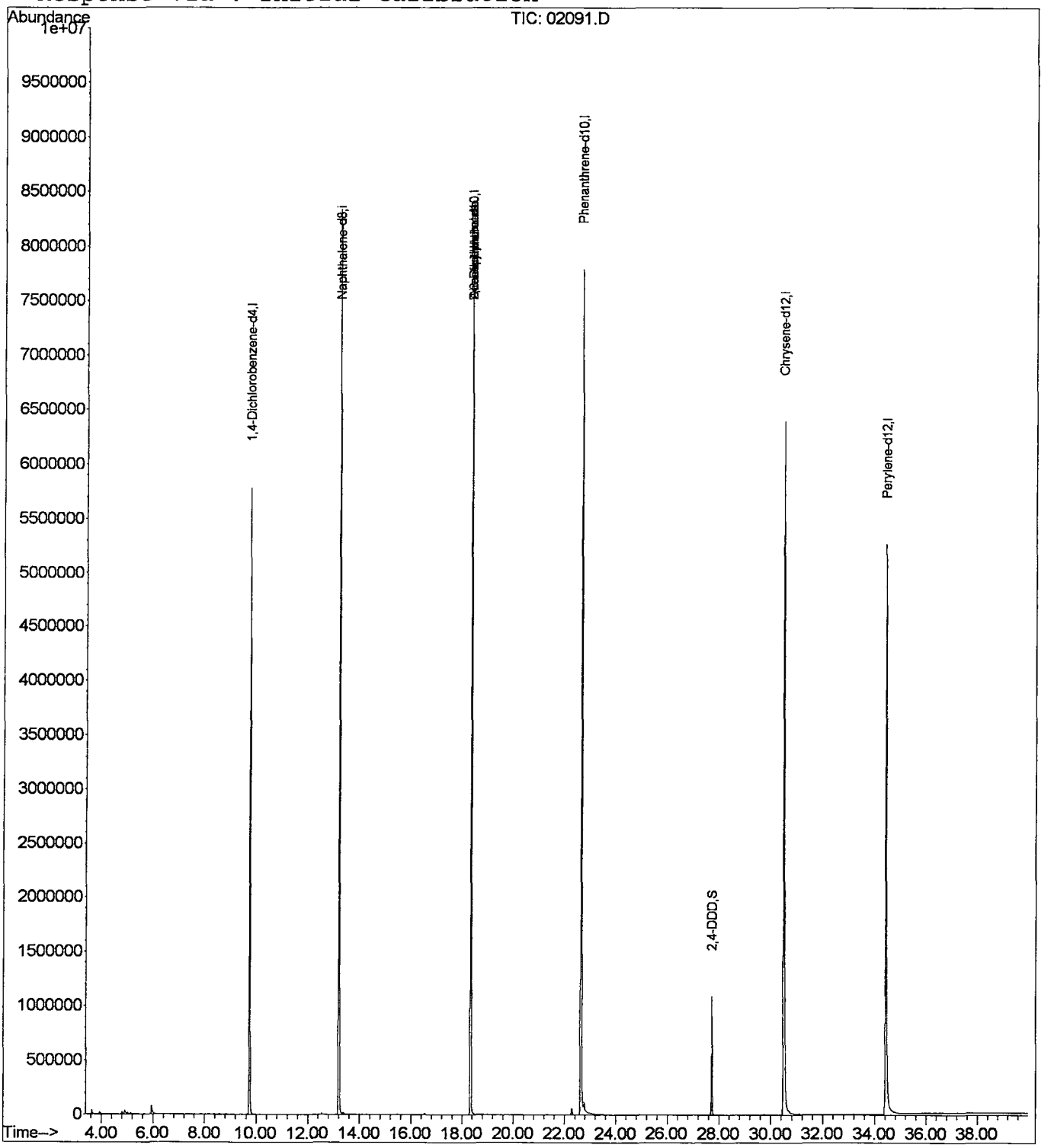
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.72	152	1994396	20.00	ug/L	0.00
10) Naphthalene-d8	13.20	136	8599138	20.00	ug/L	0.00
17) Acenaphthene-d10	18.34	164	4332399	20.00	ug/L	0.00
29) Phenanthrene-d10	22.64	188	6895580	20.00	ug/L	0.00
38) Chrysene-d12	30.49	240	5763206	20.00	ug/L	-0.03
44) Perylene-d12	34.42	264	4265519	20.00	ug/L	-0.03
System Monitoring Compounds						
37) 2,4-DDD	27.72	235	398859	4.34	ug/L	0.00
Spiked Amount 5.000			Recovery = 86.80%			
Target Compounds						Qvalue
20) Dimethylphthalate	18.34	163	699962	2.66	ug/L	# 58
21) 2,6-Dinitrotoluene	18.34	165	539073	8.88	ug/L	# 27

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB26\02091.D Vial: 8
Acq On : 26 Feb 2002 8:34 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 27 8:30 2002 Quant Results File: HP022102.R

Method : C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
Title : 508 scan method
Last Update : Mon Feb 25 10:47:59 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02091.D Vial: 8
Acq On : 26 Feb 2002 8:34 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
Title : 508 scan method
Smoothing : OFF Filtering: 5
Sampling : 2 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 20
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

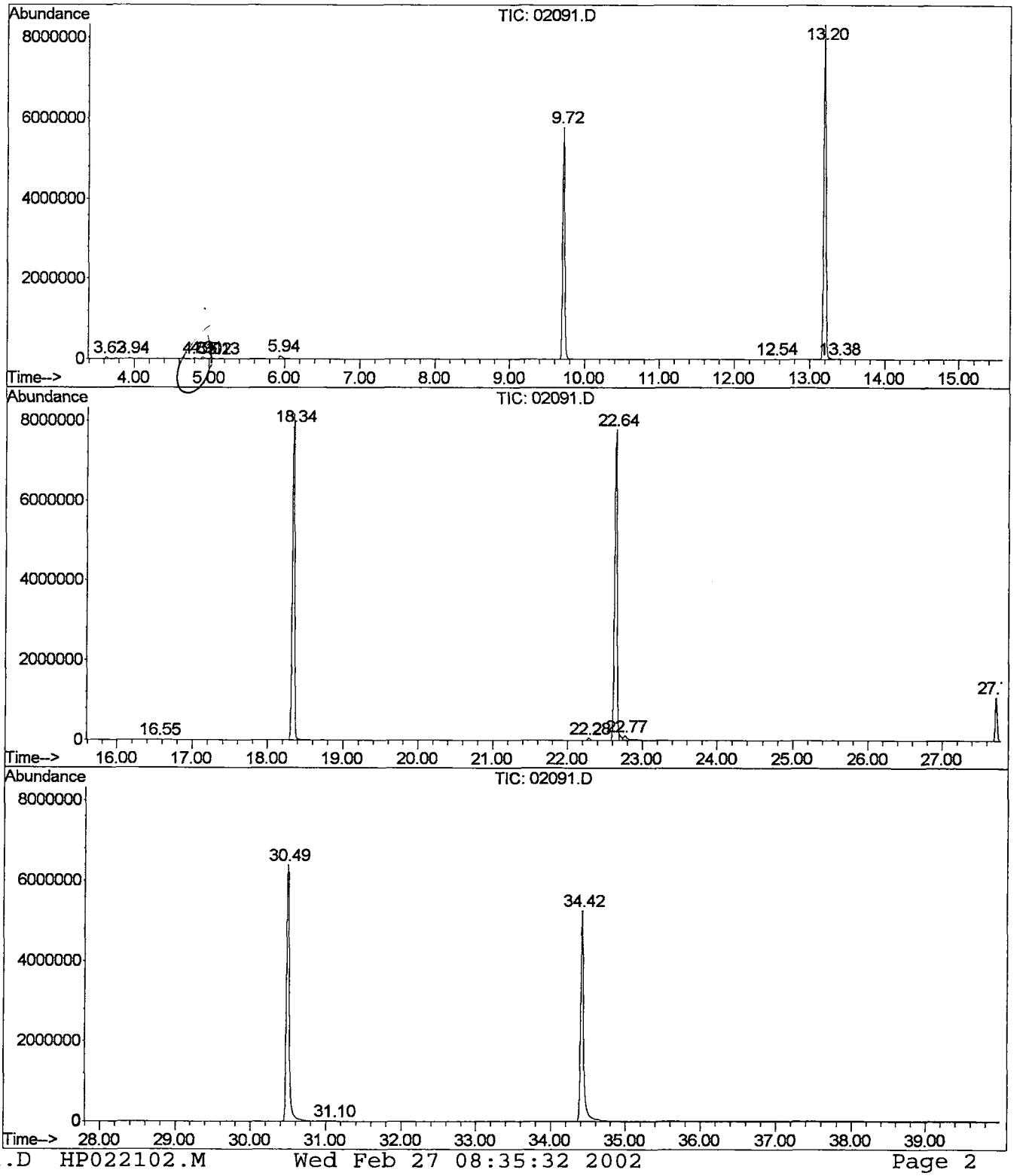
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.622	21	22	29	rBV	37540	64291	0.36%	0.066%
2	3.938	47	50	57	rVB	21042	36985	0.21%	0.038%
3	4.807	123	127	133	rVB	24037	52507	0.29%	0.054%
4	4.909	133	136	143	rBV2	39783	95563	0.53%	0.098%
5	5.022	143	146	153	rVB2	17358	43143	0.24%	0.044%
6	5.135	153	156	165	rBV2	14914	44040	0.24%	0.045%
7	5.936	225	227	239	rBV	74956	203152	1.13%	0.208%
8	9.718	557	562	567	rBV	5781873	11060028	61.47%	11.347%
9	12.540	807	812	817	rBV2	11712	22440	0.12%	0.023%
10	13.195	865	870	875	rBV	8335363	16238474	90.24%	16.660%
11	13.376	883	886	893	rVB2	16890	40375	0.22%	0.041%
12	16.548	1163	1167	1171	rBV	15364	30191	0.17%	0.031%
13	18.343	1319	1326	1331	rBV	8171686	17409481	96.75%	17.861%
14	22.283	1669	1675	1681	rBV2	58025	115040	0.64%	0.118%
15	22.644	1701	1707	1711	rBV2	7785275	17993999	100.00%	18.461%
16	22.768	1715	1718	1743	rVB	106779	500571	2.78%	0.514%
17	27.724	2153	2157	2163	rBV	1090737	1958840	10.89%	2.010%
18	30.490	2397	2402	2435	rBV	6391332	17035786	94.67%	17.478%
19	31.099	2453	2456	2465	rVB3	13695	34717	0.19%	0.036%
20	34.418	2743	2750	2787	rBV	5260150	14490816	80.53%	14.867%

Sum of corrected areas: 97470439

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02FEB26\02091.D
Operator :
Acquired : 26 Feb 2002 8:34 pm using AcqMethod HP020702
Instrument : Instrumen
Sample Name: 508 scan
Misc Info : February 26, 2002
Vial Number: 8
Quant File :HP022102.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02091.D Vial: 8
Acq On : 26 Feb 2002 8:34 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

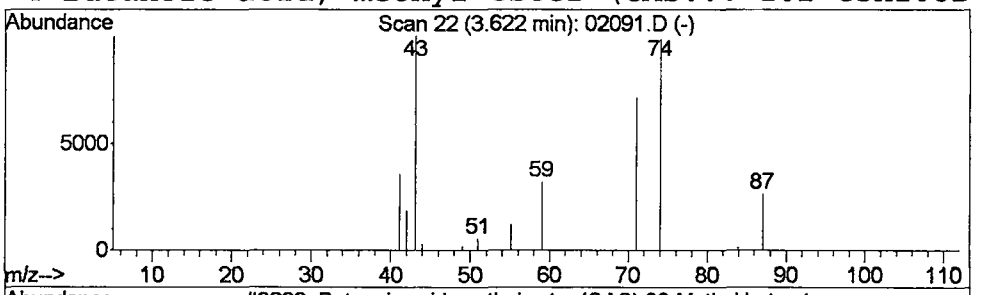
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

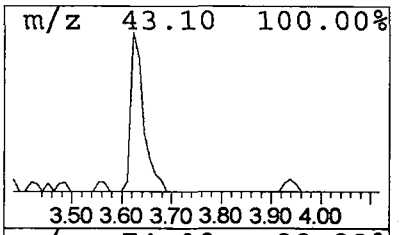
****

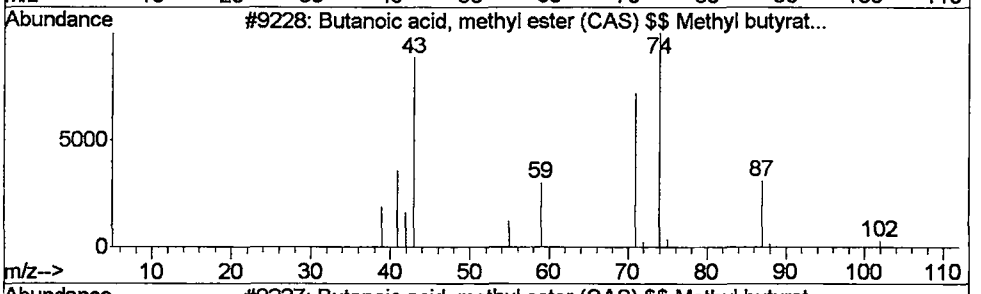
Peak Number 1 Butanoic acid, methyl ester... Concentration Rank 5

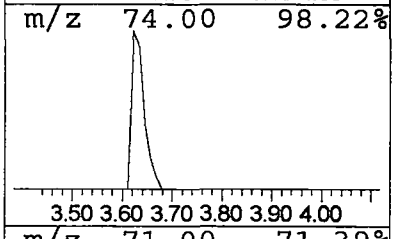
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.62	0.12 ug/L	64291	1,4-Dichlorobenzene-d4	9.72

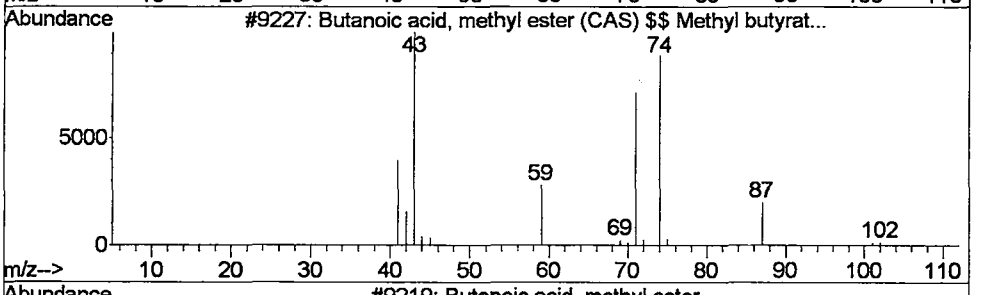
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
2	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
3	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	83
4	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	74

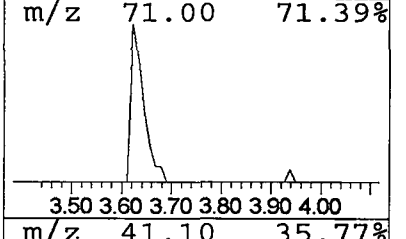


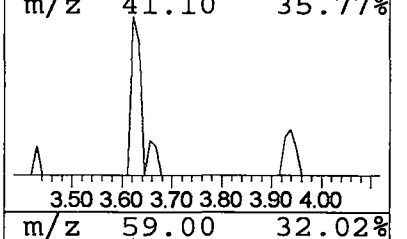


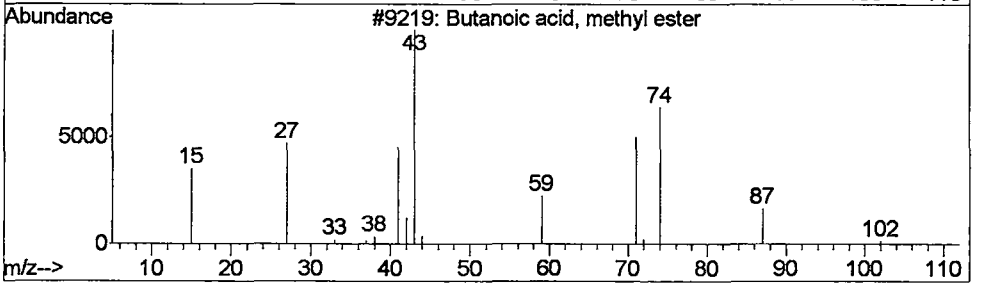


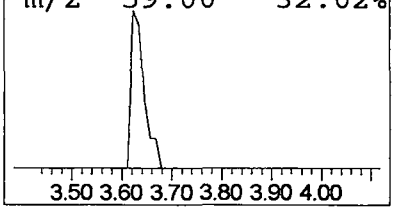












Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02091.D Vial: 8
Acq On : 26 Feb 2002 8:34 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

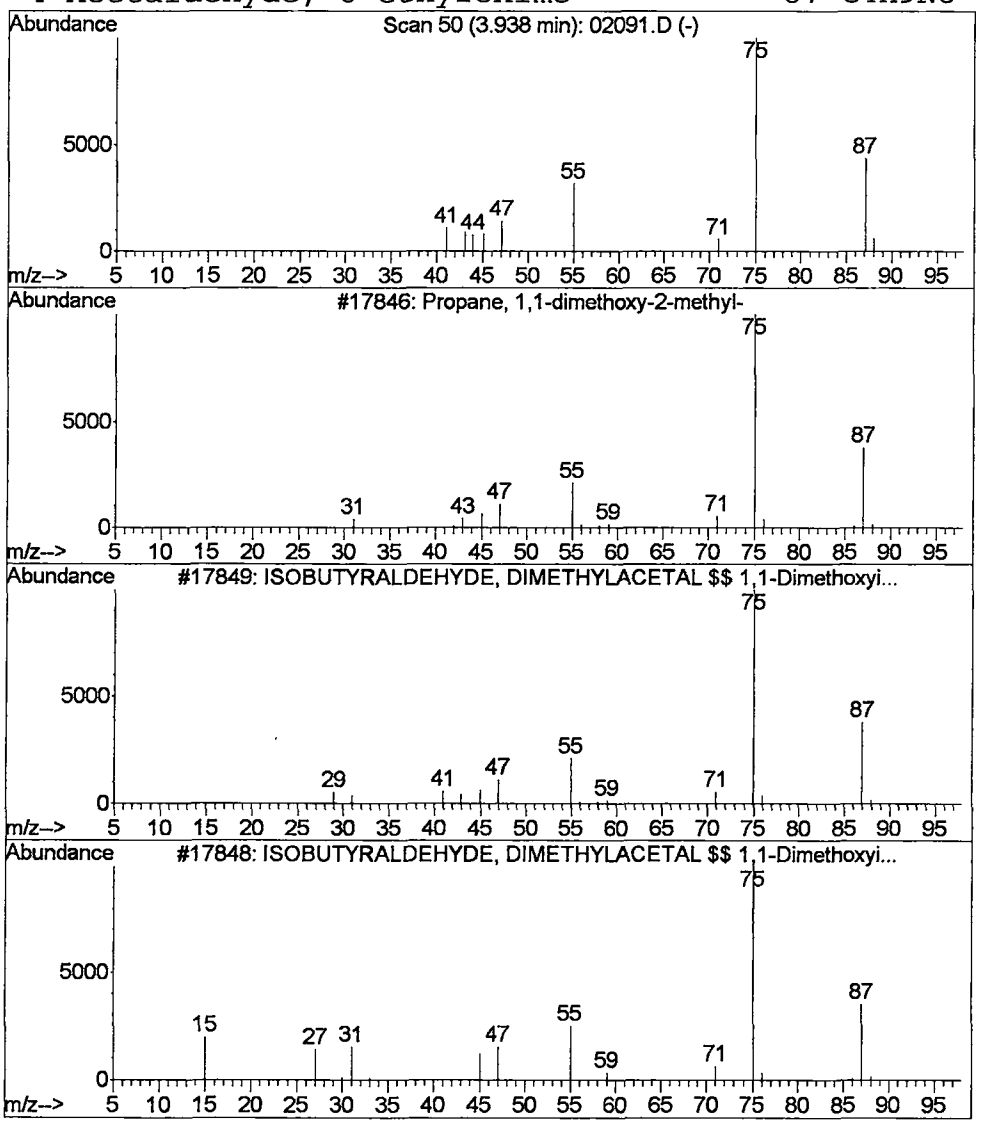
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

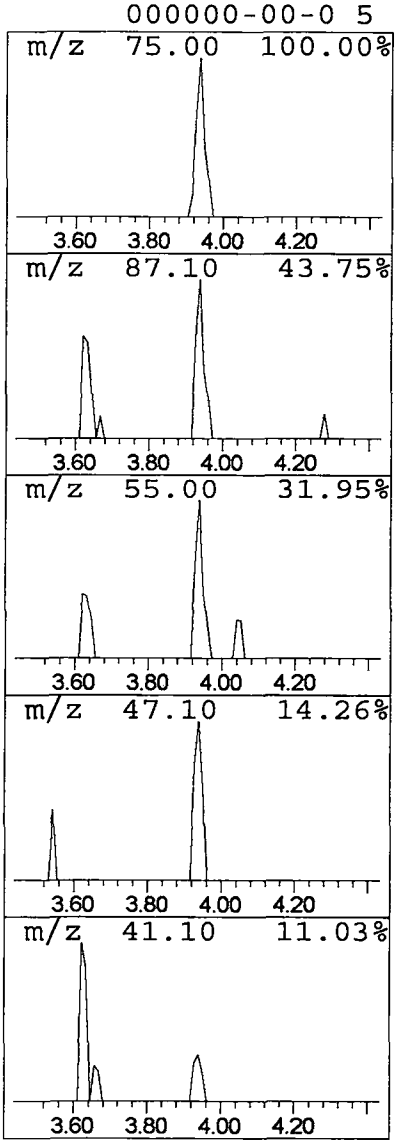
****

Peak Number 2 Propane, 1,1-dimethoxy-2-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.94	0.07 ug/L	36985	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-2-methyl-	118	C6H14O2	041632-89-7	83
2	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	83
3	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	64
4	Acetaldehyde, O-ethyloxime-	87	C4H9NO	000000-00-0	5





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02091.D Vial: 8
Acq On : 26 Feb 2002 8:34 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

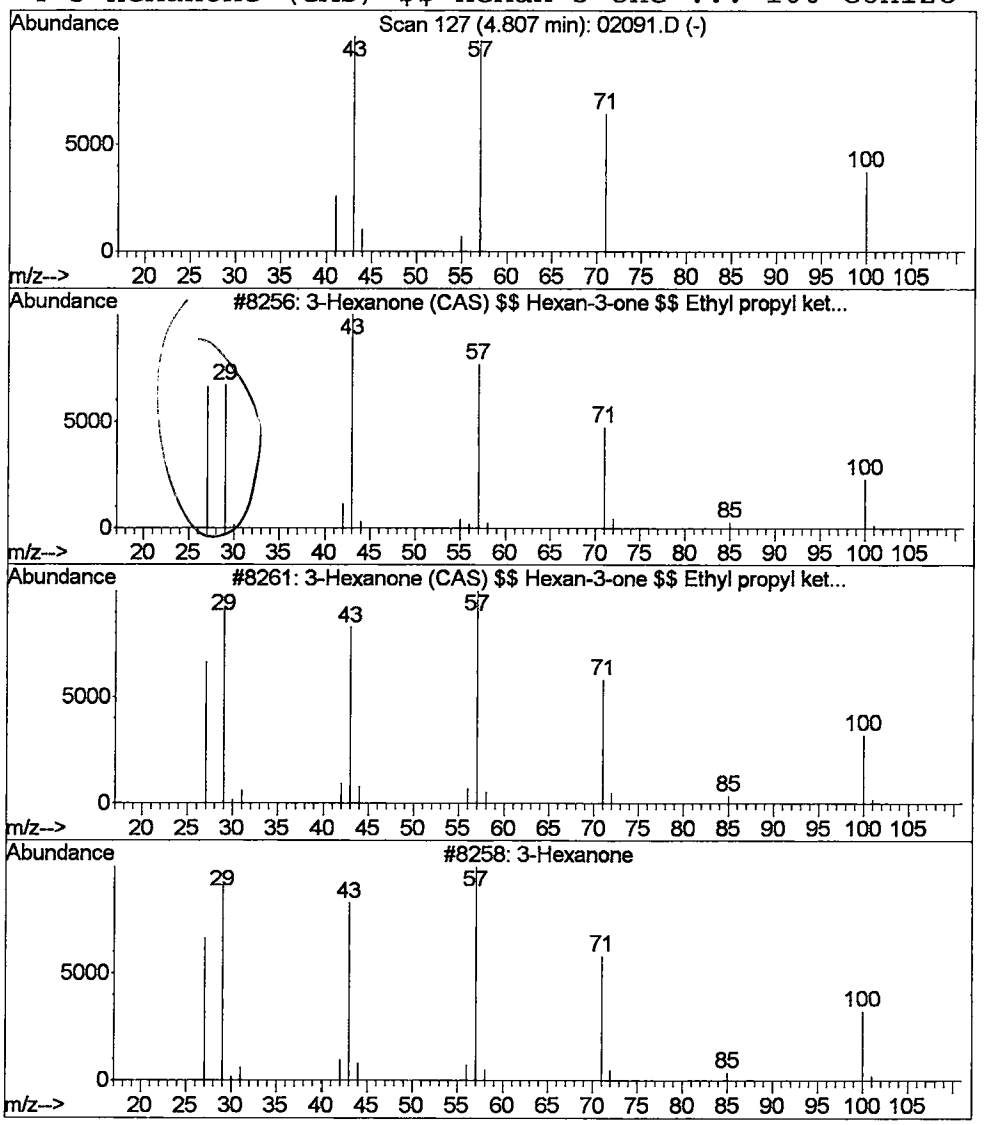
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

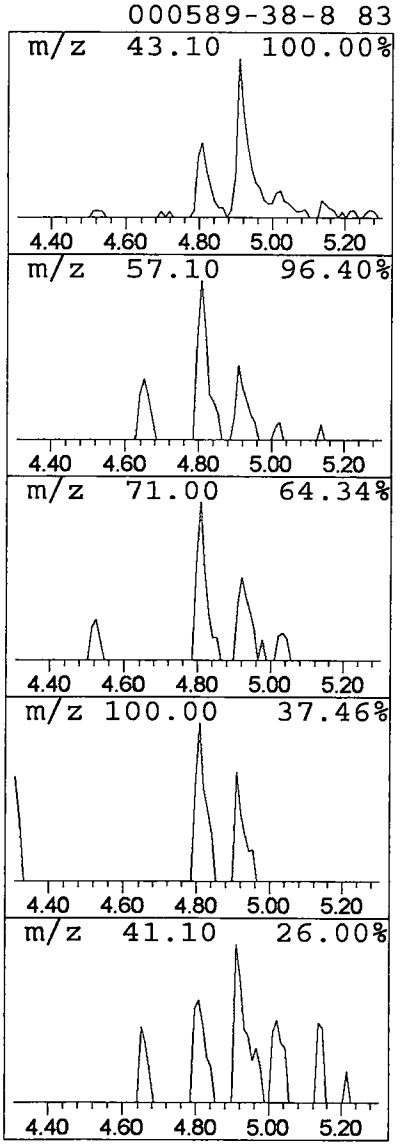
****

Peak Number 3 3-Hexanone (CAS) $$ Hexan-3... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	0.09 ug/L	52507	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone (CAS) $$ Hexan-3-one ...	100	C6H12O	000589-38-8	86
2	3-Hexanone (CAS) $$ Hexan-3-one ...	100	C6H12O	000589-38-8	83
3	3-Hexanone	100	C6H12O	000589-38-8	83
4	3-Hexanone (CAS) $$ Hexan-3-one ...	100	C6H12O	000589-38-8	83





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02091.D Vial: 8
Acq On : 26 Feb 2002 8:34 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

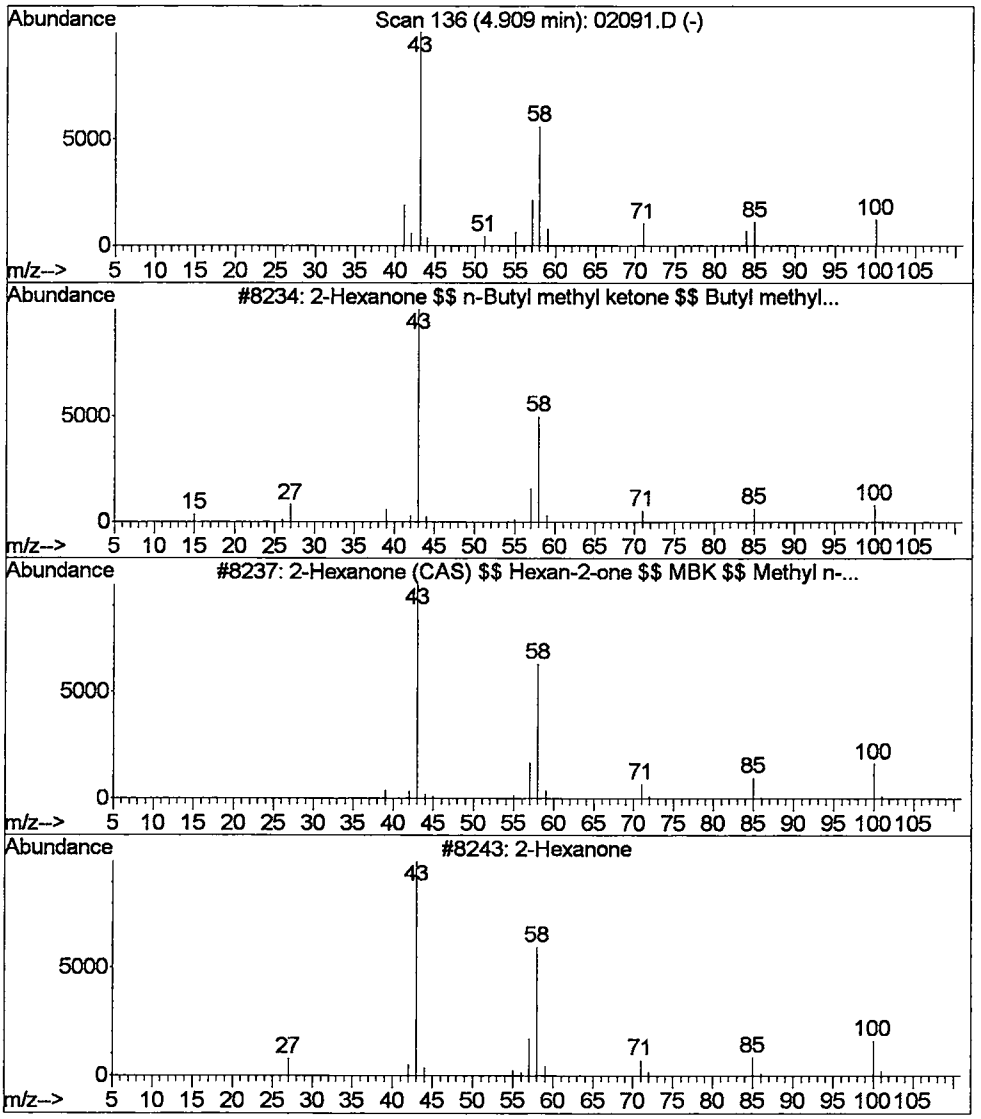
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

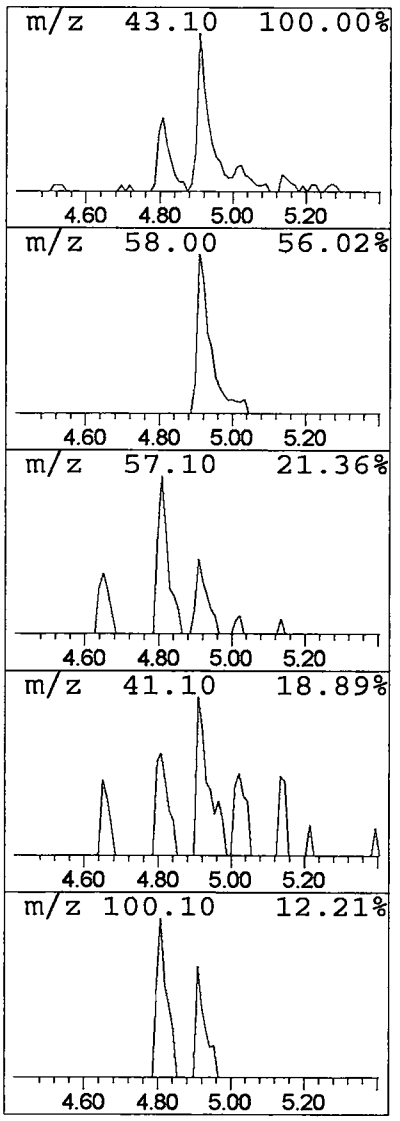
****

Peak Number 4 2-Hexanone $$ n-Butyl methy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	0.17 ug/L	95563	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone $$ n-Butyl methyl ket...	100	C6H12O	000591-78-6	86
2	2-Hexanone (CAS) $$ Hexan-2-one ...	100	C6H12O	000591-78-6	83
3	2-Hexanone	100	C6H12O	000591-78-6	83
4	2-Hexanone	100	C6H12O	000591-78-6	83





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02091.D Vial: 8
Acq On : 26 Feb 2002 8:34 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

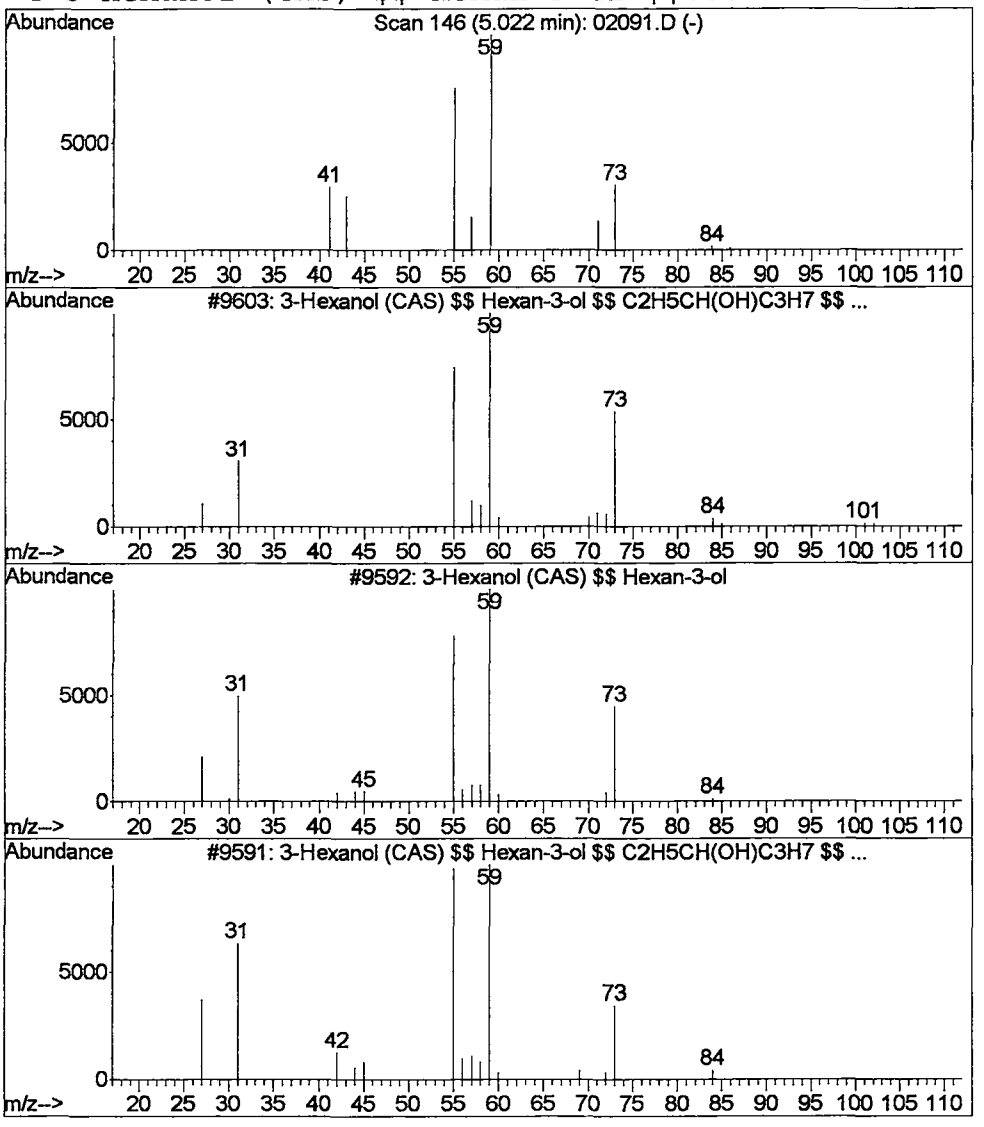
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

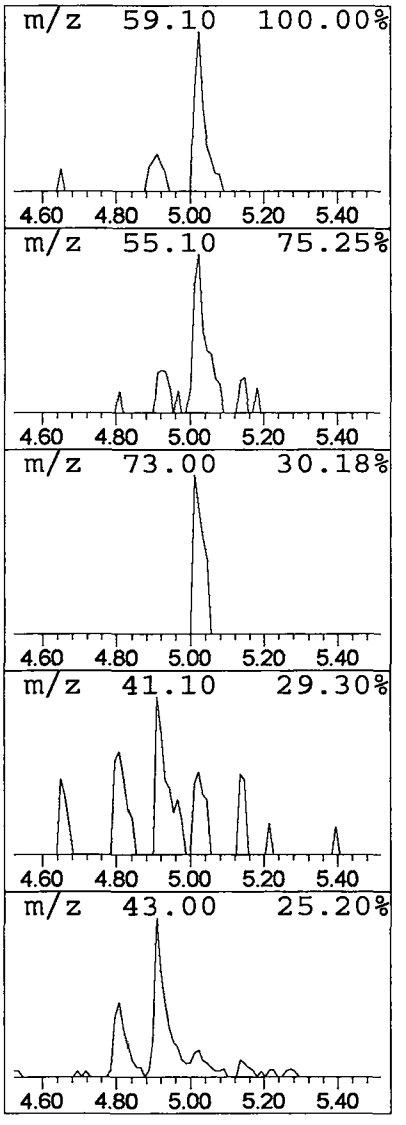
****

Peak Number 5 3-Hexanol (CAS) $$ Hexan-3-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	0.08 ug/L	43143	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol (CAS) $$ Hexan-3-ol $$...	102	C6H14O	000623-37-0	9
2	3-Hexanol (CAS) $$ Hexan-3-ol	102	C6H14O	000623-37-0	9
3	3-Hexanol (CAS) $$ Hexan-3-ol $$...	102	C6H14O	000623-37-0	9
4	3-Hexanol (CAS) $$ Hexan-3-ol $$...	102	C6H14O	000623-37-0	9





Library Search Compound Report

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Acq On : 26 Feb 2002 8:34 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

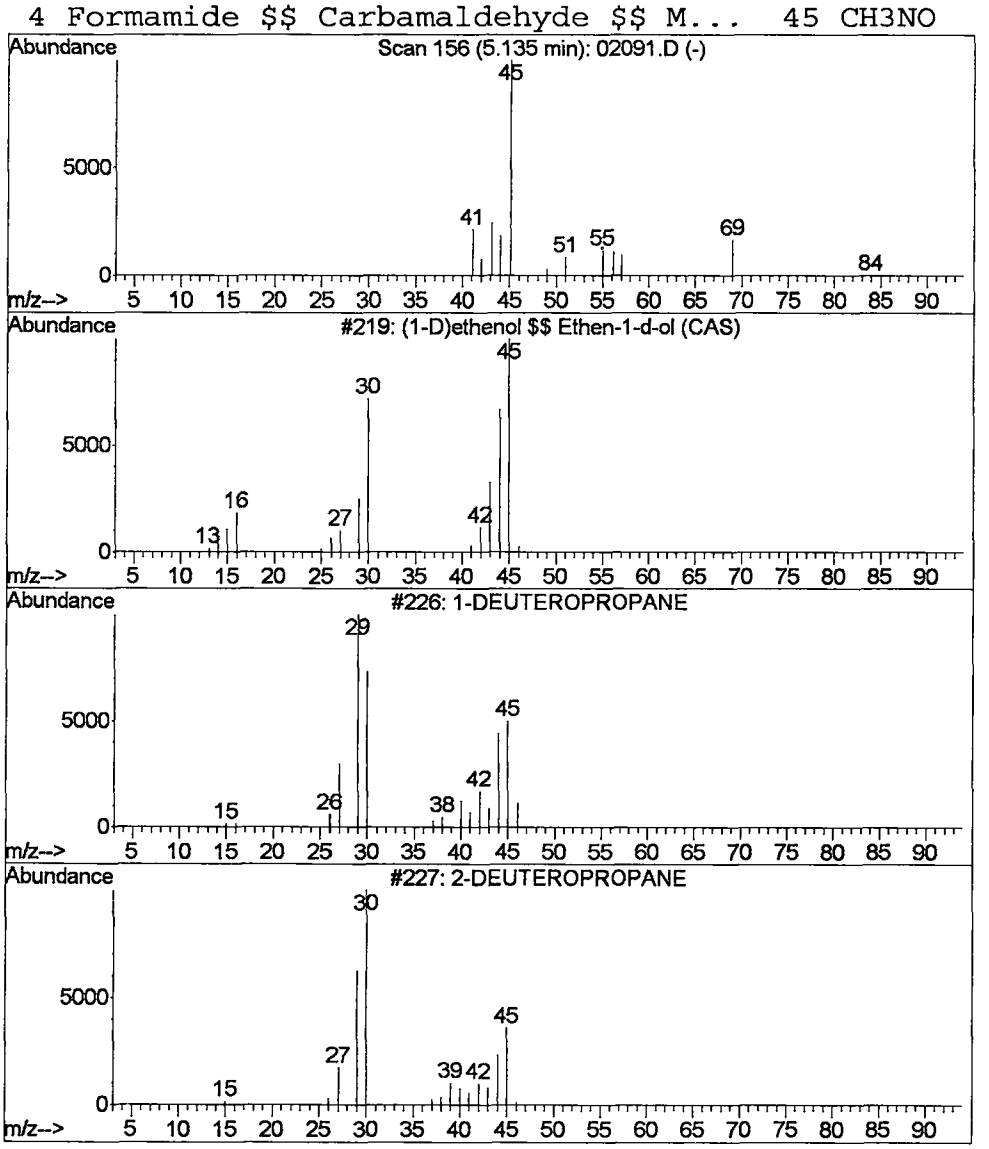
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

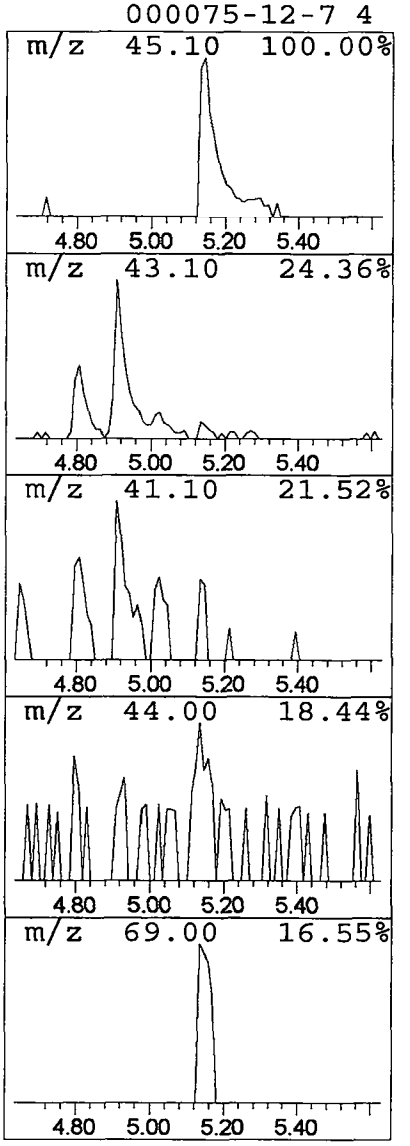
****

Peak Number 6 (1-D)ethenol $$ Ethen-1-d-o... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	0.08 ug/L	44040	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1-D)ethenol $$ Ethen-1-d-ol (CAS)	45	C2H3DO	090134-16-0	5
2	1-DEUTEROPROPANE	45	C3H7D	020717-73-1	4
3	2-DEUTEROPROPANE	45	C3H7D	020717-74-2	4
4	Formamide $$ Carbamaldehyde $$ M...	45	CH3NO	000075-12-7	4





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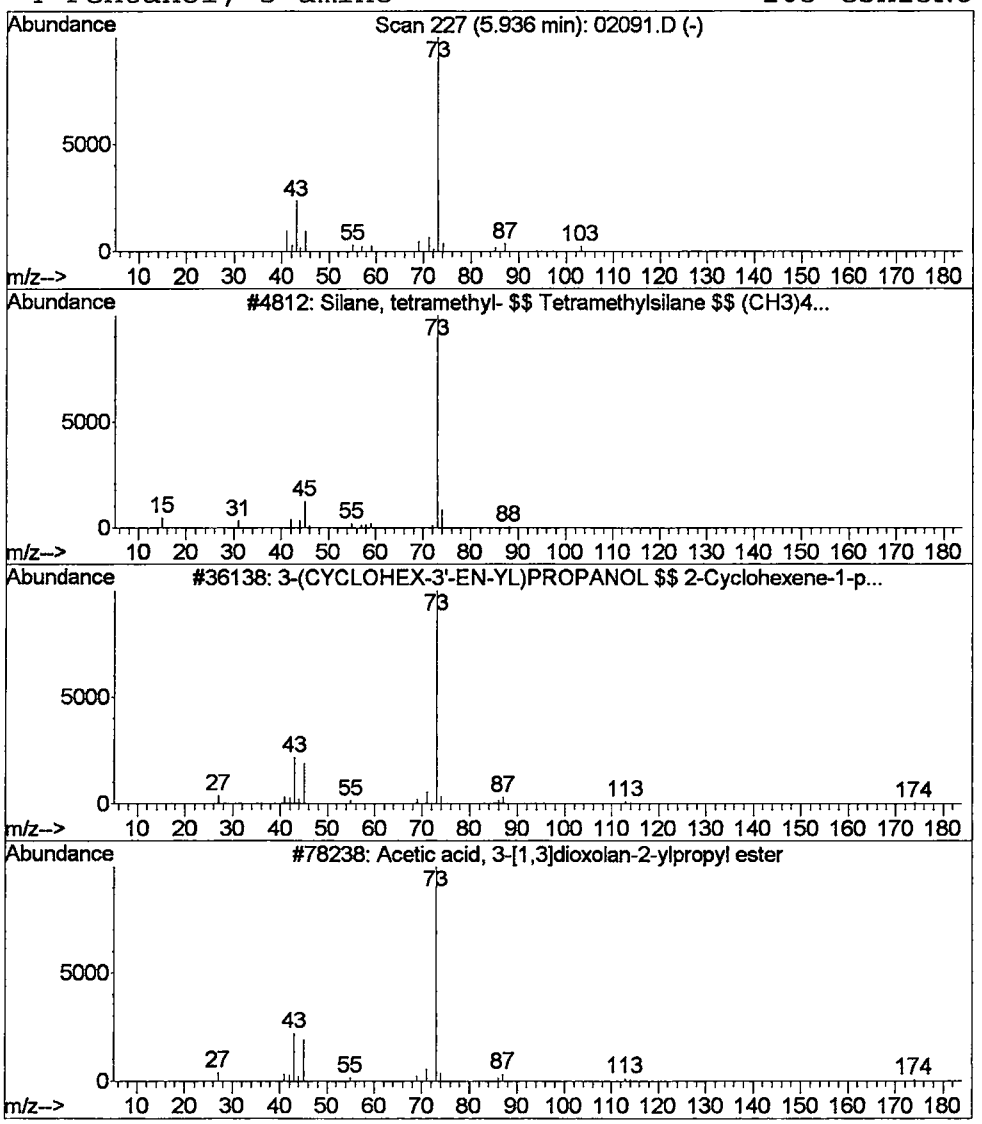
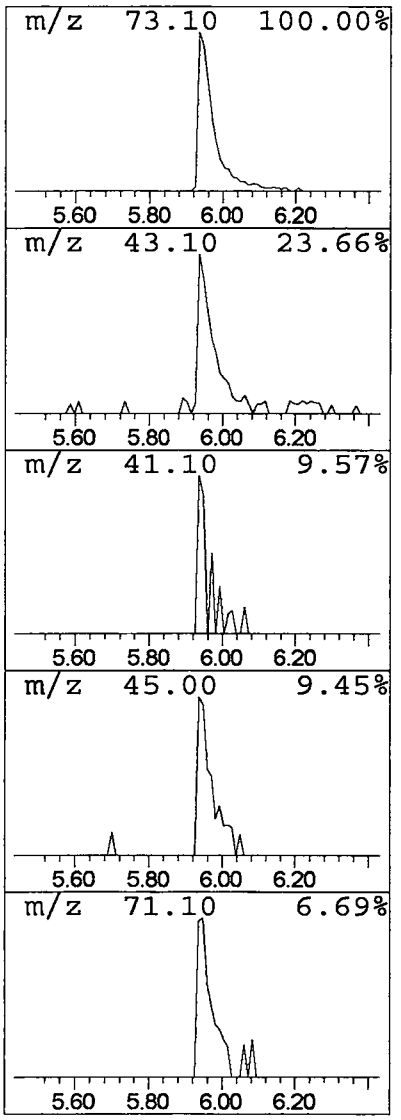
Peak Number 7 Silane, tetramethyl- $$ Tet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	0.37 ug/L	203152	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl- $$ Tetramet...	88	C4H12Si	000075-76-3	37
2	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	28
3	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	28
4	Pentanol, 5-amino-	103	C5H13NO	002508-29-4	9





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Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

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Library : C:\DATABASE\WILEY7N.L

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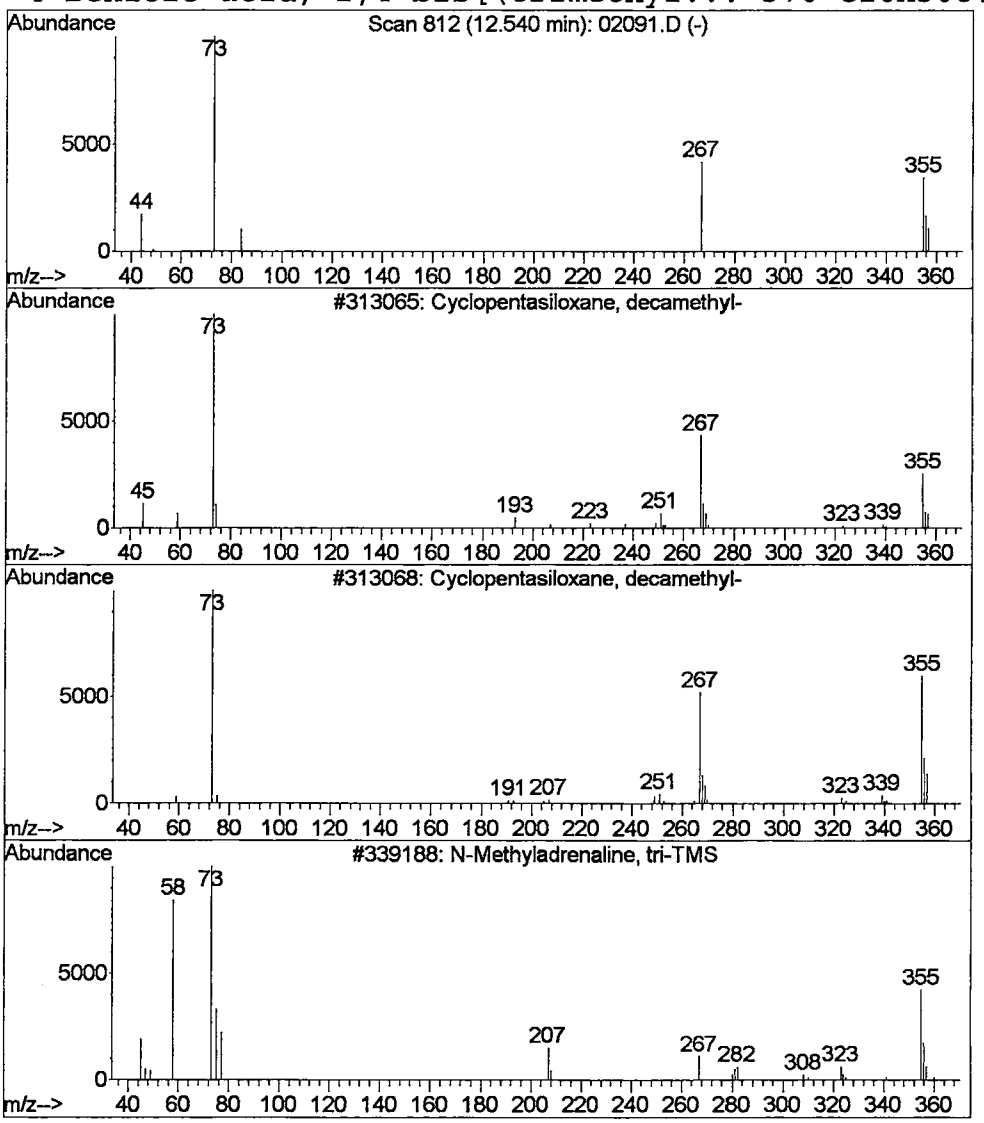
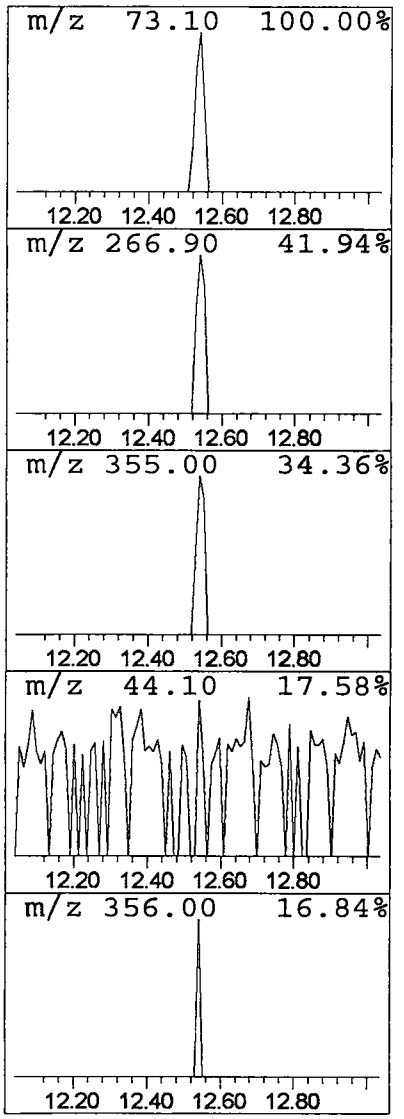
Peak Number 8 Cyclopentasiloxane, decamet... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	0.03 ug/L	22440	Naphthalene-d8	13.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	64
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	43
3	N-Methyladrenaline, tri-TMS	413	C19H39NO3Si3	000000-00-0	36
4	Benzoic acid, 2,4-bis[(trimethyl...	370	C16H30O4Si3	010586-16-0	28





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Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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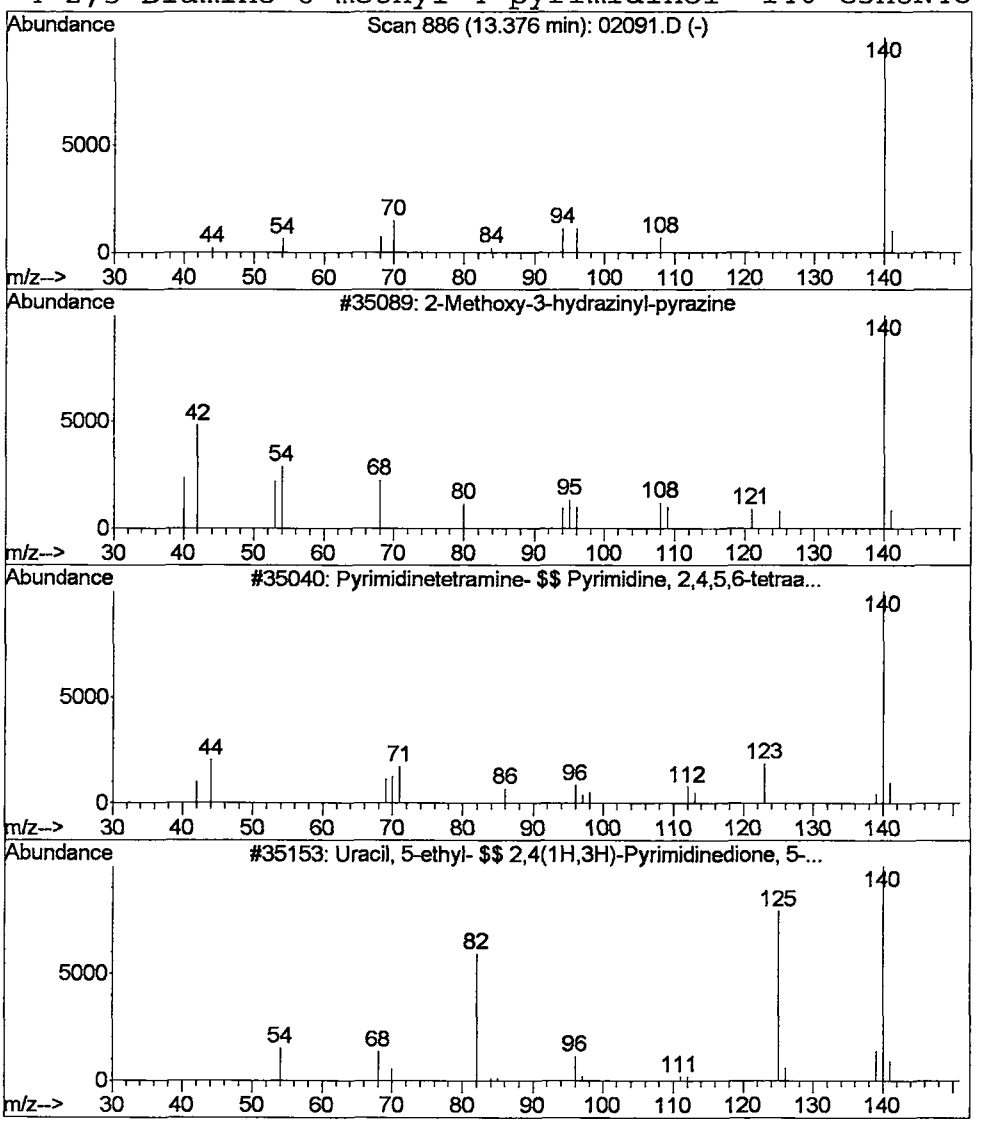
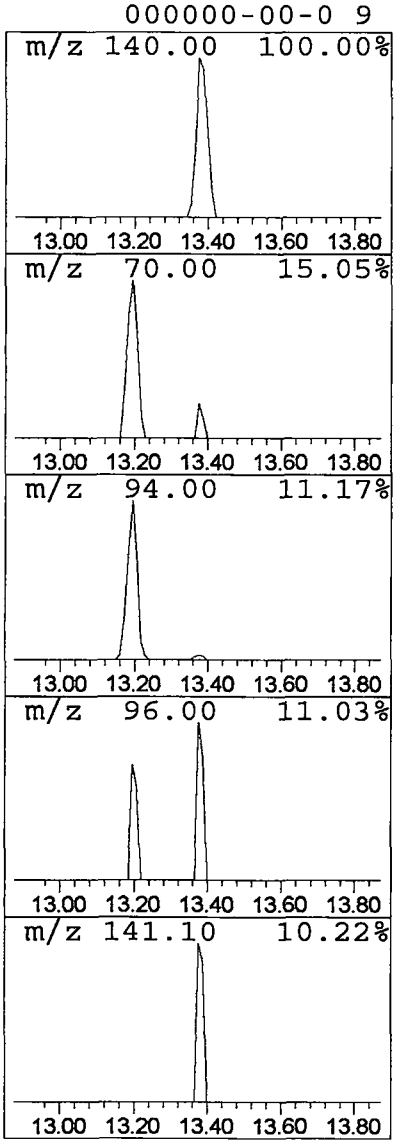
Peak Number 9 2-Methoxy-3-hydrazinyl-pyra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	0.05 ug/L	40375	Naphthalene-d8	13.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methoxy-3-hydrazinyl-pyrazine	140	C5H8N4O	000000-00-0	40
2	Pyrimidinetetramine- $$ Pyrimidi...	140	C4H8N6	001004-74-6	40
3	Uracil, 5-ethyl- $$ 2,4(1H,3H)-P...	140	C6H8N2O2	004212-49-1	39
4	2,5-Diamino-6-methyl-4-pyrimidinol	140	C5H8N4O	000000-00-0	9





Library Search Compound Report

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Acq On : 26 Feb 2002 8:34 pm Operator:
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Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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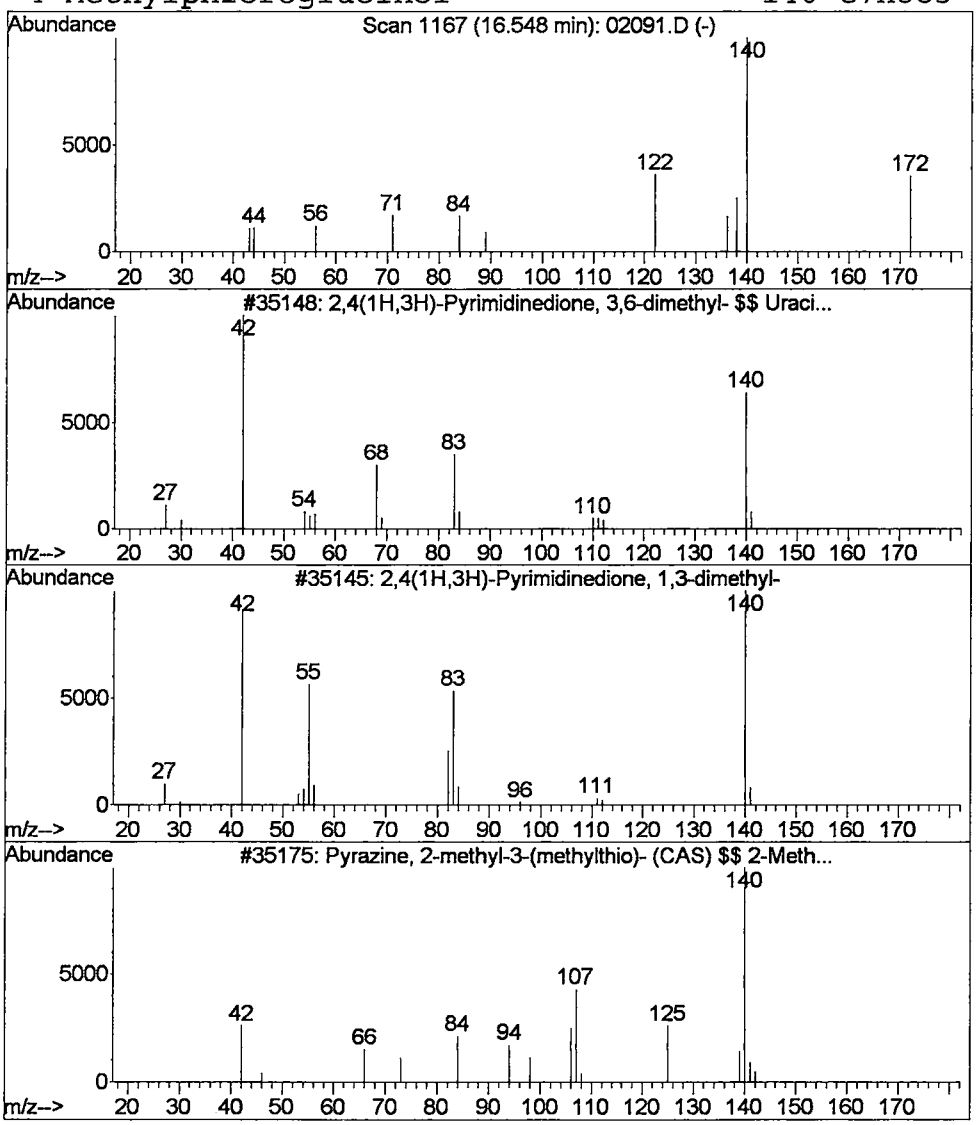
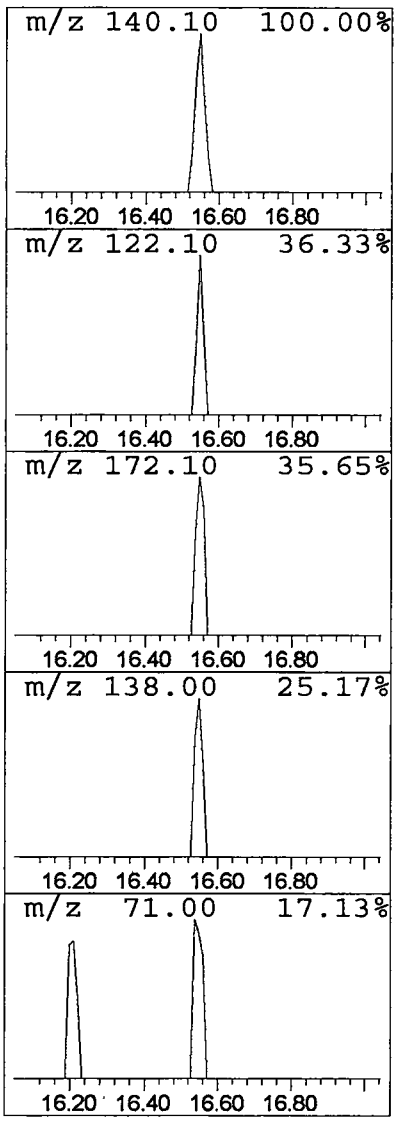
Peak Number 10 2,4(1H,3H)-Pyrimidinedione,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	0.03 ug/L	30191	Acenaphthene-d10	18.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4(1H,3H)-Pyrimidinedione, 3,6-...	140	C6H8N2O2	019674-60-3	7
2	2,4(1H,3H)-Pyrimidinedione, 1,3-...	140	C6H8N2O2	000874-14-6	7
3	Pyrazine, 2-methyl-3-(methylthio...	140	C6H8N2S	002882-20-4	5
4	Methylphloroglucinol	140	C7H8O3	000000-00-0	5





Library Search Compound Report

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Acq On : 26 Feb 2002 8:34 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
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Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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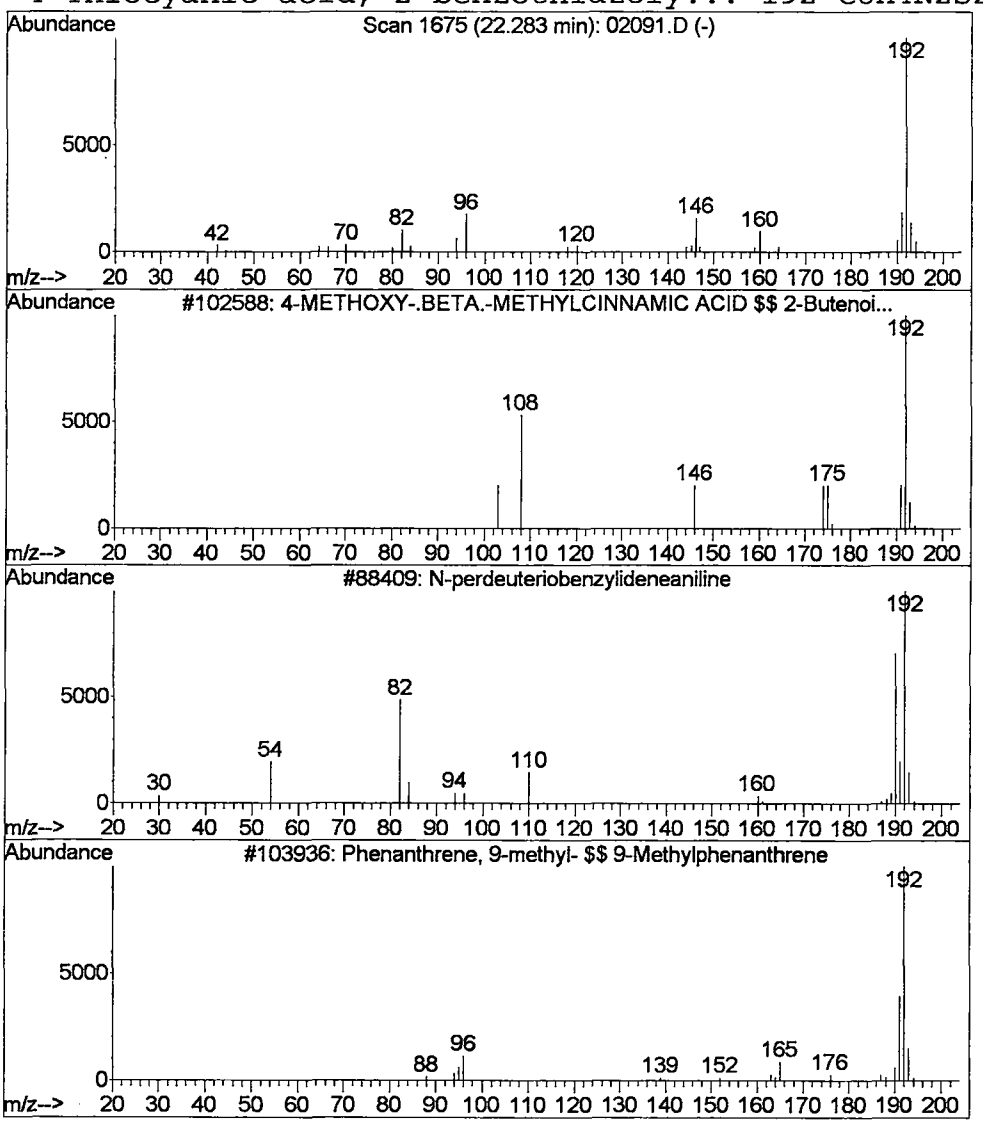
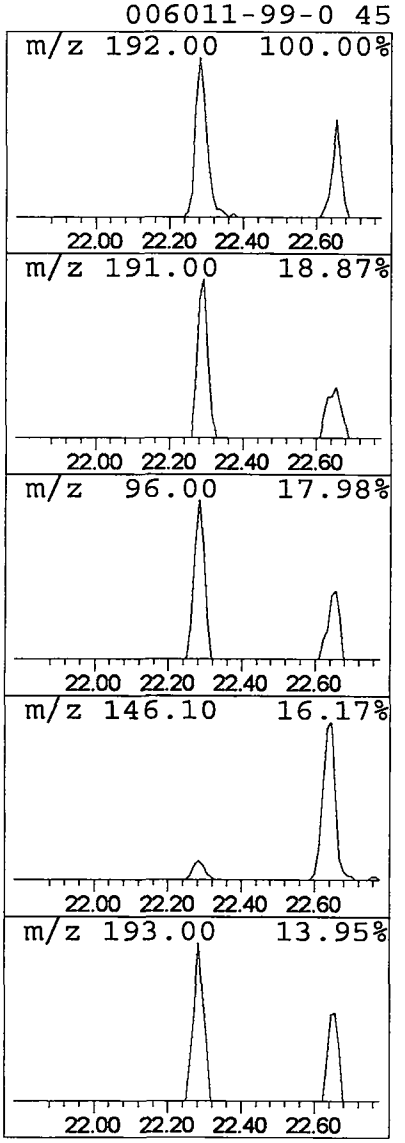
Peak Number 11 4-METHOXY-.BETA.-METHYLCINN... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.13 ug/L	115040	Phenanthrene-d10	22.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-METHOXY-.BETA.-METHYLCINNAMIC ...	192	C11H12O3	019169-94-9	72
2	N-perdeuteriobenzylideneaniline	192	C13D11N	000538-51-2	64
3	Phenanthrene, 9-methyl- $$ 9-Met...	192	C15H12	000883-20-5	53
4	Thiocyanic acid, 2-benzothiazoly...	192	C8H4N2S2	006011-99-0	45





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB26\02091.D Vial: 8
Acq On : 26 Feb 2002 8:34 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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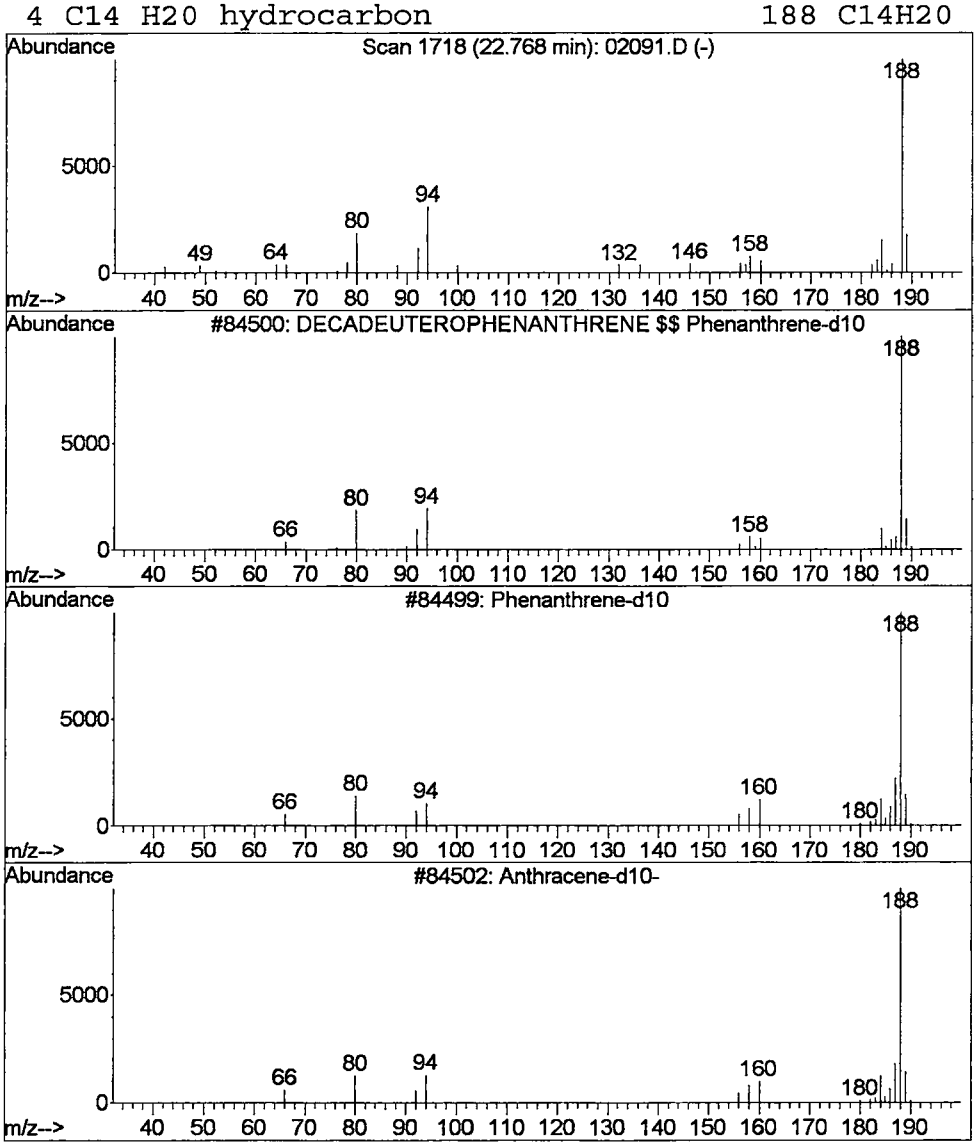
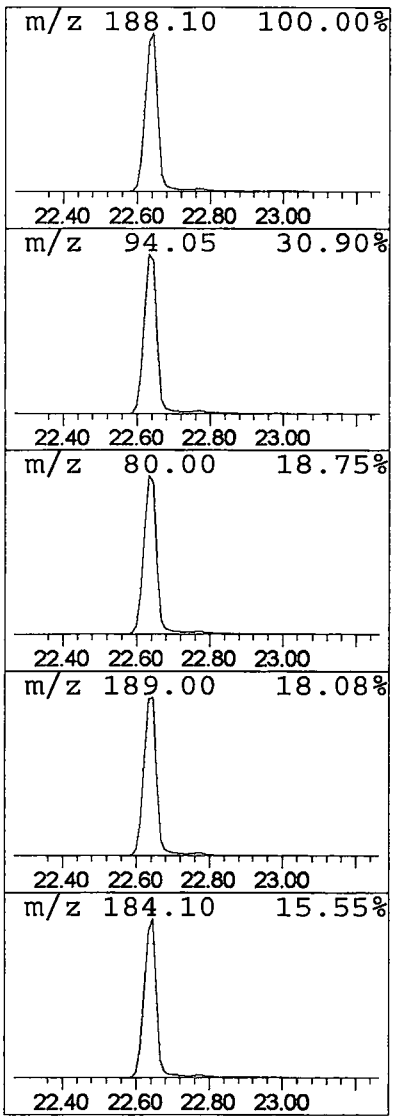
Peak Number 12 DECADEUTEROPHENANTHRENE $$ ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.56 ug/L	500571	Phenanthrene-d10	22.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	87
2	Phenanthrene-d10	188	C14D10	001517-22-2	72
3	Anthracene-d10-	188	C14D10	001719-06-8	72
4	C14 H20 hydrocarbon	188	C14H20	000000-00-0	52





Library Search Compound Report

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Acq On : 26 Feb 2002 8:34 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 26, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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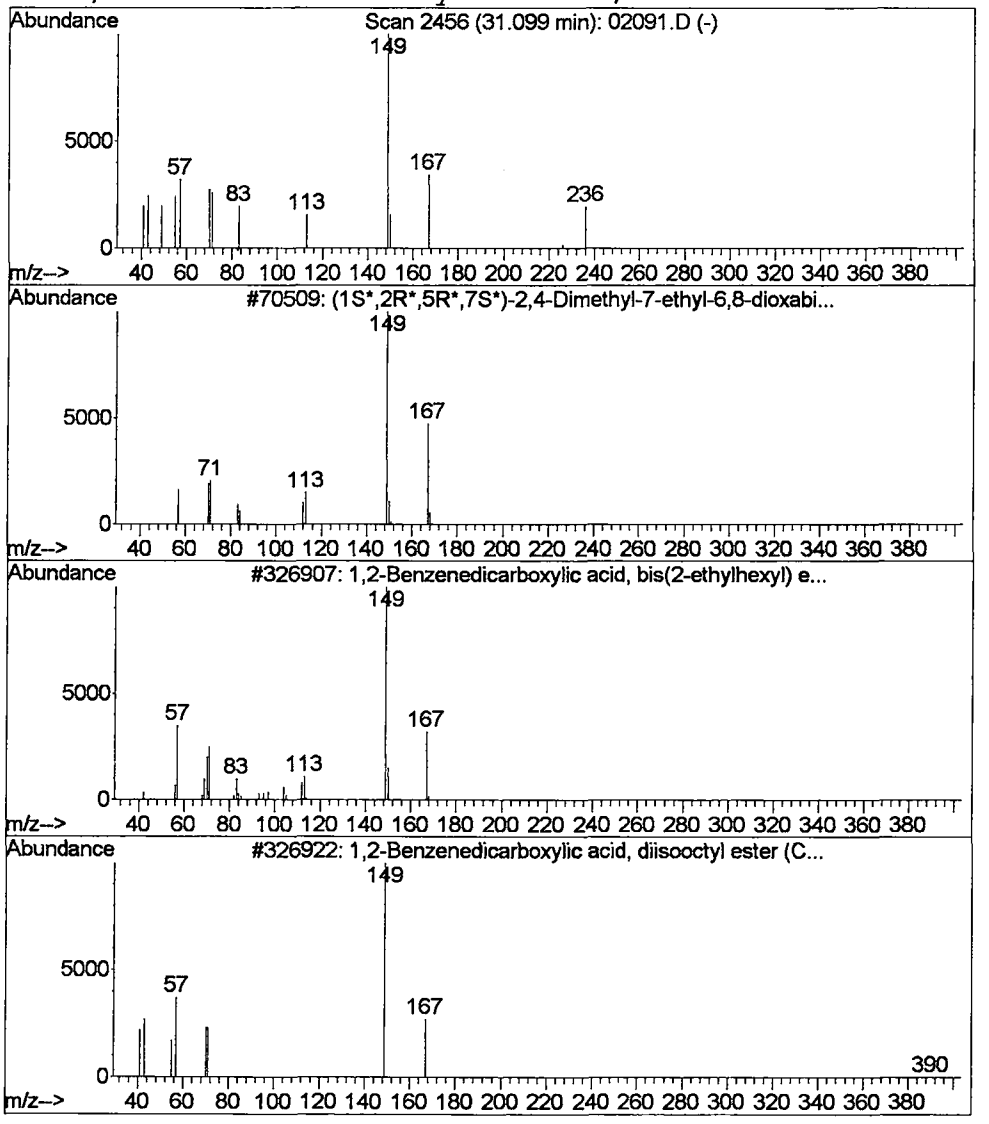
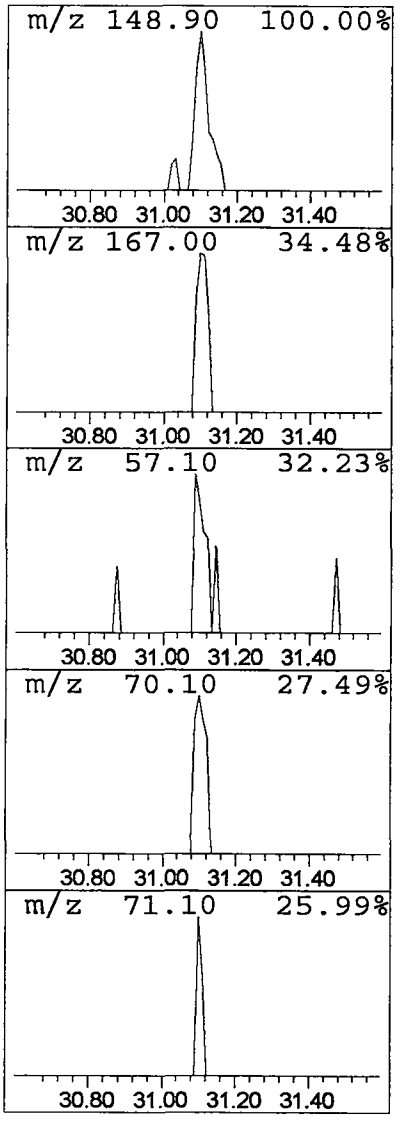
Peak Number 13 (1S*,2R*,5R*,7S*)-2,4-Dimet... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.10	0.04 ug/L	34717	Chrysene-d12	30.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1S*,2R*,5R*,7S*)-2,4-Dimethyl-7...	168	C10H16O2	091926-28-2	56
2	1,2-Benzenedicarboxylic acid, bi...	390	C24H38O4	000117-81-7	47
3	1,2-Benzenedicarboxylic acid, di...	390	C24H38O4	027554-26-3	38
4	1,2-Benzenedicarboxylic acid, di...	390	C24H38O4	000117-84-0	38





Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 26 Feb 2002 8:34 pm
Data File: C:\MSDCHEM\1\5973N\02FEB26\02091.D
Name: 508 scan
Misc: February 26, 2002
Method: C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
Title: 508 scan method
Library Searched: C:\DATABASE\WILEY7N.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
Butanoic acid, me...	3.62	0.1	ug/L	64291	1	9.72	11060000	20.0
Propane, 1,1-dime...	3.94	0.1	ug/L	36985	1	9.72	11060000	20.0
3-Hexanone (CAS) ...	4.81	0.1	ug/L	52507	1	9.72	11060000	20.0
2-Hexanone $$ n-B...	4.91	0.2	ug/L	95563	1	9.72	11060000	20.0
3-Hexanol (CAS) $...	5.02	0.1	ug/L	43143	1	9.72	11060000	20.0
(1-D)ethenol $$ E...	5.13	0.1	ug/L	44040	1	9.72	11060000	20.0
Silane, tetrameth...	5.94	0.4	ug/L	203152	1	9.72	11060000	20.0
Cyclopentasiloxan...	12.54	0.0	ug/L	22440	2	13.20	16238500	20.0
2-Methoxy-3-hydra...	13.38	0.0	ug/L	40375	2	13.20	16238500	20.0
2,4(1H,3H)-Pyrimi...	16.55	0.0	ug/L	30191	3	18.34	17409500	20.0
4-METHOXY-.BETA.-...	22.28	0.1	ug/L	115040	4	22.64	17994000	20.0
DECADEUTEROPHENAN...	22.77	0.6	ug/L	500571	4	22.64	17994000	20.0
(1S*,2R*,5R*,7S*)...	31.10	0.0	ug/L	34717	5	30.49	17035800	20.0