Method 508 mod   Date Extracted 1/29/02 ref   Page 54

Lab #	Description	Sample vol/wt	Drip rate ml/min	Surr add	Spk add	IS add	Final vol.	T.V. pos.	pH	Count	[illegible]	
LB		500mL		1mL			1mL		7			
Ref		↓		↓	0.5mL		↓		↓			
30642		485mL										
31505	FB	500mL										
~~30704~~												
29522	see 12/7	↓										
30705												
31134		490mL										
31218		500mL										
AE00700	see 1/10	↓										
28860	2 bottle											
31219	FB	↓										

~~NEEDS TO BE RE-EXTRACTED~~ my

all re extracts

~~BATCH# SGCMSA16768~~

Remarks

2 mL of NaOH were added 28860 to bring the pH from 1 to 7.

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

Extraction type - Sep-fan Solv.lot# V41470 NaCl lot# V39618 Na2SO4 lot# V39H00

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

Reviewed by, [signature] 5/29/02

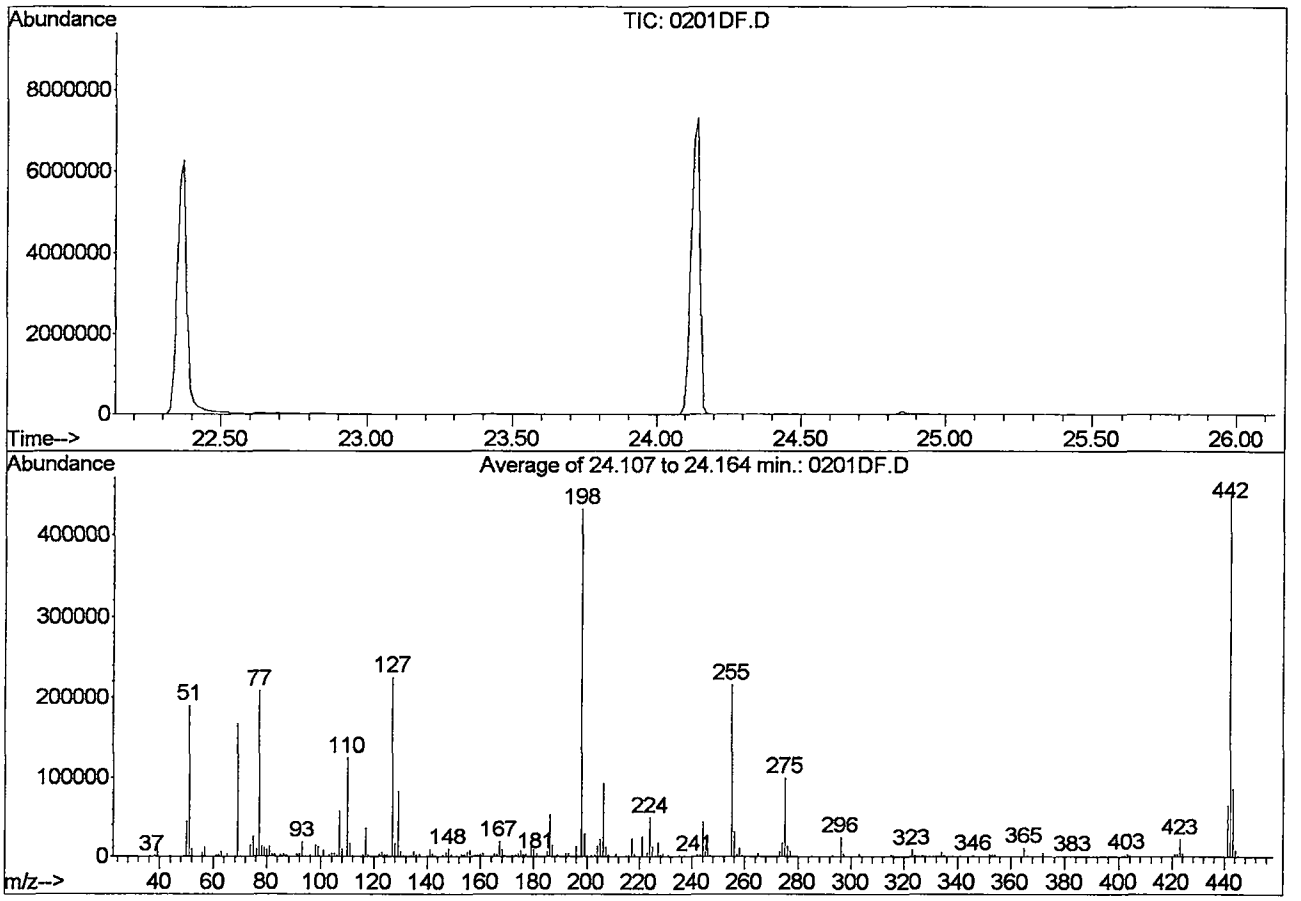
Analyst LF
revision 4/12/01

Verified by ________

Reviewed by [signature]
Date 2/12/12

DFTPP

Data File : C:\MSDCHEM\1\5973N\02FEB01\0201DF.D Vial: 1
Acq On : 1 Feb 2002 8:51 am Operator:
Sample : dftpp Inst : Instrume
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
Title : 508 scan method



Spectrum Information: Average of 24.107 to 24.164 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	43.9	189894	PASS
68	69	0.00	2	0.7	1104	PASS
69	198	0.00	100	38.7	167431	PASS
70	69	0.00	2	0.4	643	PASS
127	198	40	60	52.1	225075	PASS
197	198	0.00	1	0.0	123	PASS
198	198	100	100	100.0	432405	PASS
199	198	5	9	6.9	29806	PASS
275	198	10	30	23.0	99351	PASS
365	198	1	99	2.6	11127	PASS
441	443	1	99	75.7	65822	PASS
442	198	40	110	103.9	449454	PASS
443	442	17	23	19.4	86981	PASS

0201DF.D SCAN508.M Mon Feb 04 09:15:21 2002

User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 02/05/2002 Time: 11:45:33

Sample: AD30642
Analysis: $C1GCMS CALI GCMS
Units: ug
Started: 2/1/02 09:41 Ended: 2/5/02 09:41 Analyst: WB
Result source: a:\0201c40.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		43		2.0
2	bis(2-Chloroethyl)ether		37		2.0
3	1,3-Dichlorobenzene		34		2.0
4	1,4-Dichlorobenzene		32		2.0
5	1,2-Dichlorobenzene		30		2.0
6	2,2'-oxybis(1-Chloropropane)		31		2.0
7	n-Nitrosodi-n-propylamine		34		2.0
8	Hexachloroethane		34		2.0
9	Nitrobenzene		35		2.0
10	Isophorone		40		2.0
11	bis(2-Chloroethoxy)methane		42		2.0
12	1,2,4-Trichlorobenzene		35		2.0
13	Naphthalene		35		2.0
14	Hexachlorobutadiene		31		2.0
15	2-Chloronaphthalene		33		2.0
16	Dimethylphthalate		33		2.0
17	2,6-Dinitrotoluene		43		2.0
18	Acenaphthylene		35		2.0
19	Acenaphthene		29		2.0
20	2,4-Dinitrotoluene		47		2.0
21	Diethylphthalate		29		2.0
22	4-Chlorophenylphenylether		28		2.0
23	Fluorene		33		2.0
24	Azobenzene/1,2-Diphenylhydra		31		2.0
25	n-Nitrosodiphenylamine		29		2.0
26	4-Bromophenylphenylether		33		2.0
27	Hexachlorobenzene		32		2.0
28	Phenanthrene		32		2.0
29	Anthracene		33		2.0
30	Di-n-butylphthalate		33		2.0
31	Fluoranthene		35		2.0
32	Pyrene		32		2.0
33	Butylbenzylphthalate		35		2.0
34	Benzo(a)anthracene		37		2.0
35	bis(2-Ethylhexyl)phthalate		35		2.0
36	Chrysene		28		2.0
37	Di-n-octylphthalate		39		2.0
38	Benzo(b)fluoranthene		36		2.0
39	Benzo(k)fluoranthene		35		2.0
40	Benzo(a)pyrene		40		2.0
41	Indeno(1,2,3-cd)pyrene		48		2.0
42	Dibenz(a,h)anthracene		42		2.0
43	Benzo(g,h,i)perylene		43		2.0

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB01\0201C40.D Vial: 2
Acq On : 1 Feb 2002 9:41 am Operator:
Sample : cal 40 Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 04 09:16:01 2002 Quant Results File: SCAN508.RES

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Fri Jan 11 13:20:07 2002
Response via : Initial Calibration
DataAcq Meth : SCAN508

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.73	152	2454488	20.00	ug/L	0.01
10) Naphthalene-d8	13.23	136	10507010	20.00	ug/L	0.01
17) Acenaphthene-d10	18.36	164	5729693	20.00	ug/L	0.01
29) Phenanthrene-d10	22.67	188	9458796	20.00	ug/L	0.00
38) Chrysene-d12	30.53	240	7154960	20.00	ug/L	0.02
44) Perylene-d12	34.45	264	5413085	20.00	ug/L	0.03
System Monitoring Compounds						
37) 2,4-DDD	0.00	235	0d	0.00	ug/L	
Spiked Amount 5.000			Recovery =	0.00%		
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	4.00	74	4527951	43.29	ug/L	57
3) bis(2-Chloroethyl)ether	9.29	93	5709685	36.61	ug/L	81
4) 1,3-Dichlorobenzene	9.63	146	6222473	33.79	ug/L	97
5) 1,4-Dichlorobenzene	9.78	146	5996679	32.42	ug/L	99
6) 1,2-Dichlorobenzene	10.26	146	4942480	30.10	ug/L	99
7) 2,2'-oxybis (1-Chloropropa	10.69	45	8893443	31.33	ug/L	95
8) n-Nitroso-di-n-propylamine	11.10	70	4441000	34.28	ug/L	84
9) Hexachloroethane	11.05	117	2269500	34.27	ug/L	94
11) Nitrobenzene	11.40	77	6893824	35.14	ug/L	88
12) Isophorone	12.07	82	14054783	39.71	ug/L	94
13) bis(2-Chloroethoxy)methane	12.82	93	8758453	41.63	ug/L	93
14) 1,2,4-Trichlorobenzene	13.14	180	4756347	34.72	ug/L	98
15) Naphthalene	13.28	128	17575852	34.92	ug/L	100
16) Hexachlorobutadiene	13.85	225	2290154	31.44	ug/L	99
18) Hexachlorocyclopentadiene	15.97	237	2025369	39.55	ug/L	99
19) 2-Chloronaphthalene	16.69	162	10548376	33.34	ug/L	97
20) Dimethylphthalate	17.95	163	12514606	33.07	ug/L	93
21) 2,6-Dinitrotoluene	18.11	165	3154386	42.74	ug/L	85
22) Acenaphthylene	17.90	152	16029369	34.74	ug/L	100
23) Acenaphthene	18.47	153	9668788	29.42	ug/L	100
24) 2,4-Dinitrotoluene	19.24	165	4508854	46.65	ug/L	96
25) Diethylphthalate	20.07	149	10444319	28.80	ug/L	99
26) 4-Chlorophenyl-phenylether	20.05	204	4342653	28.50	ug/L	96
27) Fluorene	19.95	166	12411760	33.20	ug/L	98
28) Azobenzene/1,2-Diphenylhyd	20.52	77	13965349	30.89	ug/L	85
30) N-nitrosodiphenylamine	20.50	169	6936120	28.91	ug/L	99
31) 4-Bromophenyl-phenylether	21.47	248	3253231	33.05	ug/L	94
32) Hexachlorobenzene	21.81	284	3313503	31.86	ug/L	99
33) Phenanthrene	22.75	178	16940361	32.50	ug/L	99
34) Anthracene	22.87	178	16600630	32.83	ug/L	99

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB01\0201C40.D Vial: 2
Acq On : 1 Feb 2002 9:41 am Operator:
Sample : cal 40 Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 04 09:16:01 2002 Quant Results File: SCAN508.RES

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Fri Jan 11 13:20:07 2002
Response via : Initial Calibration
DataAcq Meth : SCAN508

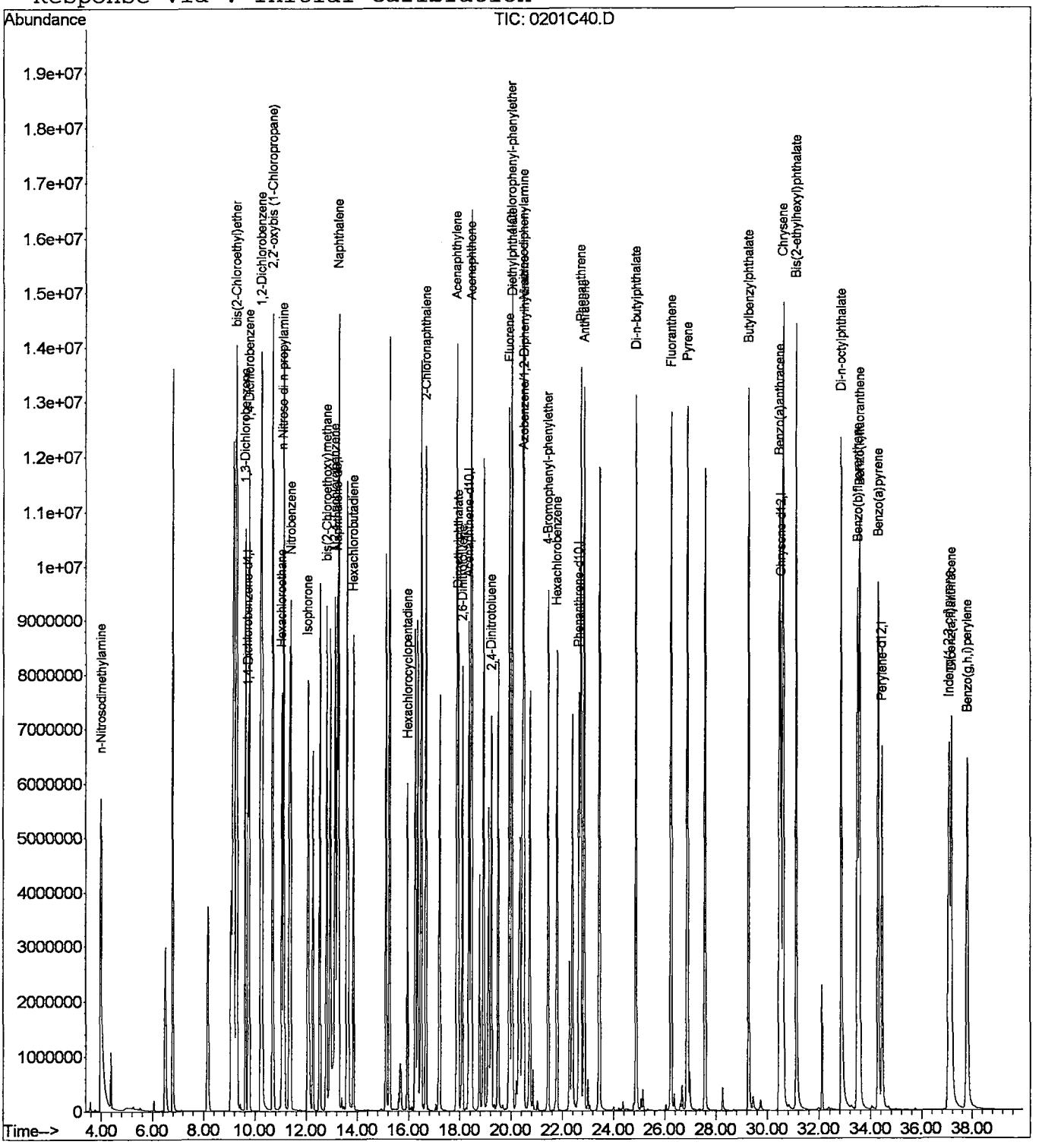
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
35)	Di-n-butylphthalate	24.88	149	20120588	32.99	ug/L	98
36)	Fluoranthene	26.26	202	17980494	34.96	ug/L	98
39)	Pyrene	26.89	202	18393528	32.33	ug/L	97
40)	Butylbenzylphthalate	29.28	149	9077597	34.85	ug/L	99
41)	Benzo(a)anthracene	30.49	228	15866299	36.76	ug/L	99
42)	Bis(2-ethylhexyl)phthalate	31.13	149	11464190	34.72	ug/L	97
43)	Chrysene	30.63	228	11740005	28.11	ug/L	98
45)	Di-n-octylphthalate	32.85	149	19936443	39.26	ug/L	99
46)	Benzo(b)fluoranthene	33.50	252	15319270	35.71	ug/L	98
47)	Benzo(k)fluoranthene	33.58	252	14152913	34.51	ug/L	98
48)	Benzo(a)pyrene	34.30	252	13911782	39.59	ug/L	97
49)	Indeno(1,2,3-cd)pyrene	37.09	276	14214039	48.16	ug/L	94
50)	Dibenz(a,h)anthracene	37.18	278	11184667	42.34	ug/L	98
51)	Benzo(g,h,i)perylene	37.81	276	11678857	42.79	ug/L	95

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB01\0201C40.D Vial: 2
Acq On : 1 Feb 2002 9:41 am Operator:
Sample : cal 40 Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 4 9:17 2002 Quant Results File: SCAN508.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Fri Jan 11 13:20:07 2002
Response via : Initial Calibration



User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 02/05/2002 Time: 11:43:23

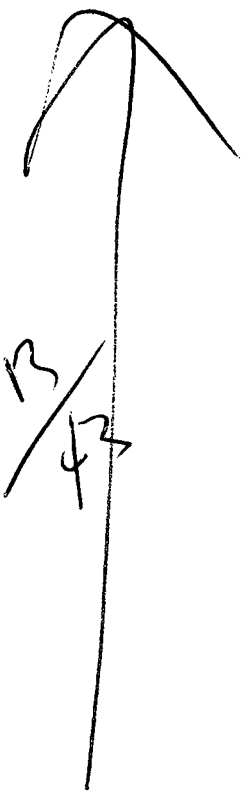
Sample: AD30642
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 2/1/02 11:24 Ended: 2/5/02 11:24 Analyst: WB
Result source: a:\0129r.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		3.3		2.0
2	bis(2-Chloroethyl)ether		4.9		2.0
3	1,3-Dichlorobenzene		1.9		2.0
4	1,4-Dichlorobenzene		2.1		2.0
5	1,2-Dichlorobenzene		2.5		2.0
6	2,2-oxybis(1-Chloropropane)		3.8		2.0
7	n-Nitrosodi-n-propylamine		4.3		2.0
8	Hexachloroethane		1.1		2.0
9	Nitrobenzene		3.4		2.0
10	Isophorone		4.4		2.0
11	bis(2-Chloroethoxy)methane		4.8		2.0
12	1,2,4-Trichlorobenzene		2.3		2.0
13	Naphthalene		3.6		2.0
14	Hexachlorobutadiene		0.89		2.0
15	2-Chloronaphthalene		3.4		2.0
16	Dimethylphthalate		4.9		2.0
17	2,6-Dinitrotoluene		3.7		2.0
18	Acenaphthylene		4.1		2.0
19	Acenaphthene		4.1		2.0
20	2,4-Dinitrotoluene		3.5		2.0
21	Diethylphthalate		5.1		2.0
22	4-Chlorophenylphenylether		4.4		2.0
23	Fluorene		4.5		2.0
24	Azobenzene/1,2-Diphenylhydra		4.2		2.0
25	n-Nitrosodiphenylamine		4.8		2.0
26	4-Bromophenylphenylether		4.1		2.0
27	Hexachlorobenzene		3.8		2.0
28	Phenanthrene		5.2		2.0
29	Anthracene		4.9		2.0
30	Di-n-butylphthalate		5.3		2.0
31	Fluoranthene		5.5		2.0
32	Pyrene		4.7		2.0
33	Butylbenzylphthalate		3.7		2.0
34	Benzo(a)anthracene		4.7		2.0
35	bis(2-Ethylhexyl)phthalate		4.4		2.0
36	Chrysene		5.5		2.0
37	Di-n-octylphthalate		3.0		2.0
38	Benzo(b)fluoranthene		3.6		2.0
39	Benzo(k)fluoranthene		6.2		2.0
40	Benzo(a)pyrene		3.7		2.0
41	Indeno(1,2,3-cd)pyrene		2.0		2.0
42	Dibenz(a,h)anthracene		4.0		2.0
43	Benzo(g,h,i)perylene		4.4		2.0

User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 02/05/2002 Time: 11:44:18

Sample: AD30642
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 2/1/02 11:24 Ended: 2/5/02 11:24 Analyst: WB
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	[illegible]	[illegible]	[illegible]		[illegible]
2	[illegible]	[illegible]	98		[illegible]
3	1,3-Dichlorobenzene		38		2.0
4	1,4-Dichlorobenzene		42		2.0
5	1,2-Dichlorobenzene		50		2.0
6	2,2-oxybis(1-Chloropropane)		76		2.0
7	n-Nitrosodi-n-propylamine		86		2.0
8	Hexachloroethane		22		2.0
9	Nitrobenzene		68		2.0
10	Isophorone		88		2.0
11	[illegible]	[illegible]	[illegible]		[illegible]
12	1,2,4-Trichlorobenzene		46		2.0
13	Naphthalene		72		2.0
14	Hexachlorobutadiene		18		2.0
15	2-Chloronaphthalene		68		2.0
16	[illegible]	[illegible]	[illegible]		[illegible]
17	2,6-Dinitrotoluene		74		2.0
18	Acenaphthylene		82		2.0
19	Acenaphthene		82		2.0
20	2,4-Dinitrotoluene		70		2.0
21	[illegible]	[illegible]	[illegible]		[illegible]
22	4-Chlorophenylphenylether		88		2.0
23	Fluorene		90		2.0
24	Azobenzene/1,2-Diphenylhydra		84		2.0
25	[illegible]	[illegible]	96		[illegible]
26	4-Bromophenylphenylether		82		2.0
27	Hexachlorobenzene		76		2.0
28	[illegible]	[illegible]	[illegible]		[illegible]
29	[illegible]	[illegible]	[illegible]		[illegible]
30	[illegible]	[illegible]	[illegible]		[illegible]
31	[illegible]	[illegible]	[illegible]		[illegible]
32	Pyrene		94		2.0
33	Butylbenzylphthalate		74		2.0
34	Benzo(a)anthracene		94		2.0
35	[illegible]	[illegible]	[illegible]		[illegible]
36	[illegible]	[illegible]	[illegible]		[illegible]
37	Di-n-octylphthalate		60		2.0
38	Benzo(b)fluoranthene		72		2.0
39	[illegible]	[illegible]	[illegible]		[illegible]
40	Benzo(a)pyrene		74		2.0
41	Indeno(1,2,3-cd)pyrene		40		2.0
42	Dibenz(a,h)anthracene		80		2.0
43	Benzo(g,h,i)perylene		88		2.0



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB01\0129R.D Vial: 2
Acq On : 1 Feb 2002 11:24 am Operator:
Sample : ref 1/29 Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 04 09:12:26 2002 Quant Results File: SCAN508.RES

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Fri Jan 11 13:20:07 2002
Response via : Initial Calibration
DataAcq Meth : SCAN508

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.72	152	1624786	20.00	ug/L	0.00
10) Naphthalene-d8	13.20	136	6984730	20.00	ug/L	-0.01
17) Acenaphthene-d10	18.34	164	3648685	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.65	188	5875728	20.00	ug/L	-0.02
38) Chrysene-d12	30.50	240	4935669	20.00	ug/L	-0.01
44) Perylene-d12	34.42	264	3506056	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD	27.73	235	396677	4.27	ug/L	0.00
Spiked Amount 5.000			Recovery = 85.40%			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	4.00	74	228176	3.30	ug/L	48
3) bis(2-Chloroethyl)ether	9.24	93	548067	4.95	ug/L	70
4) 1,3-Dichlorobenzene	9.61	146	233040	1.91	ug/L	95
5) 1,4-Dichlorobenzene	9.76	146	256591	2.10	ug/L	96
6) 1,2-Dichlorobenzene	10.24	146	272265	2.50	ug/L	99
7) 2,2'-oxybis (1-Chloropropa	10.67	45	709318	3.77	ug/L #	73
8) n-Nitroso-di-n-propylamine	11.06	70	366059	4.27	ug/L	71
9) Hexachloroethane	11.03	117	47579	1.09	ug/L	95
11) Nitrobenzene	11.35	77	448359	3.44	ug/L	83
12) Isophorone	12.03	82	1042676	4.43	ug/L	91
13) bis(2-Chloroethoxy)methane	12.77	93	672520	4.81	ug/L	92
14) 1,2,4-Trichlorobenzene	13.11	180	208128	2.29	ug/L	97
15) Naphthalene	13.25	128	1194078	3.57	ug/L	98
16) Hexachlorobutadiene	13.84	225	43115	0.89	ug/L	99
19) 2-Chloronaphthalene	16.65	162	680408	3.38	ug/L	94
20) Dimethylphthalate	17.88	163	1173512	4.87	ug/L	95
21) 2,6-Dinitrotoluene	18.06	165	171753	3.65	ug/L	82
22) Acenaphthylene	17.86	152	1218222	4.15	ug/L	97
23) Acenaphthene	18.42	153	851516	4.07	ug/L	98
24) 2,4-Dinitrotoluene	19.17	165	215235	3.50	ug/L	93
25) Diethylphthalate	20.00	149	1176163	5.09	ug/L	99
26) 4-Chlorophenyl-phenylether	20.02	204	422068	4.35	ug/L	88
27) Fluorene	19.91	166	1062208	4.46	ug/L	96
28) Azobenzene/1,2-Diphenylhyd	20.46	77	1212143	4.21	ug/L	83
30) N-nitrosodiphenylamine	20.43	169	718701	4.82	ug/L	99
31) 4-Bromophenyl-phenylether	21.44	248	252638	4.13	ug/L	90
32) Hexachlorobenzene	21.77	284	247095	3.82	ug/L	98
33) Phenanthrene	22.70	178	1680086	5.19	ug/L	99
34) Anthracene	22.83	178	1527400	4.86	ug/L	98
35) Di-n-butylphthalate	24.85	149	1997045	5.27	ug/L	98

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB01\0129R.D Vial: 2
Acq On : 1 Feb 2002 11:24 am Operator:
Sample : ref 1/29 Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 04 09:12:26 2002 Quant Results File: SCAN508.RES

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Fri Jan 11 13:20:07 2002
Response via : Initial Calibration
DataAcq Meth : SCAN508

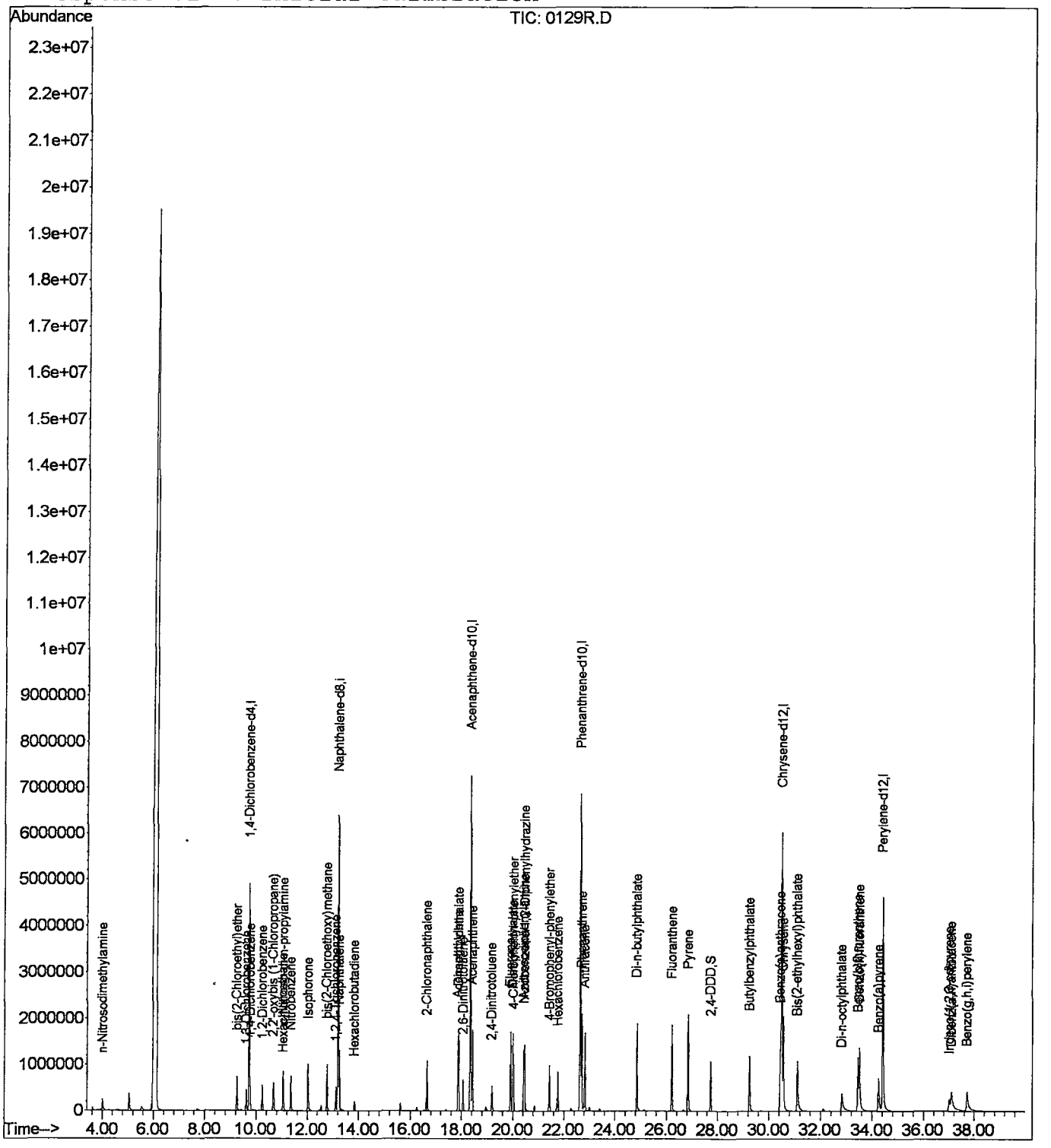
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36)	Fluoranthene	26.22	202	1752689	5.49	ug/L	95
39)	Pyrene	26.85	202	1837145	4.68	ug/L	96
40)	Butylbenzylphthalate	29.24	149	659562	3.67	ug/L	93
41)	Benzo(a)anthracene	30.44	228	1412493	4.74	ug/L	99
42)	Bis(2-ethylhexyl)phthalate	31.11	149	949443	4.44	ug/L	96
43)	Chrysene	30.56	228	1587122	5.51	ug/L	99
45)	Di-n-octylphthalate	32.83	149	1001229	3.04	ug/L	99
46)	Benzo(b)fluoranthene	33.45	252	998516	3.59	ug/L	96
47)	Benzo(k)fluoranthene	33.50	252	1652286	6.22	ug/L	93
48)	Benzo(a)pyrene	34.24	252	844965	3.71	ug/L	91
49)	Indeno(1,2,3-cd)pyrene	37.02	276	378795	1.98	ug/L	83
50)	Dibenz(a,h)anthracene	37.11	278	687065	4.02	ug/L	95
51)	Benzo(g,h,i)perylene	37.72	276	783028	4.43	ug/L	87

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB01\0129R.D Vial: 2
Acq On : 1 Feb 2002 11:24 am Operator:
Sample : ref 1/29 Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 4 9:12 2002 Quant Results File: SCAN508.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Fri Jan 11 13:20:07 2002
Response via : Initial Calibration



User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 02/05/2002 Time: 11:34:25

Sample: AD30642
Analysis: $B1GCMS Blank for GCMS Scan
Units: ug
Started: 2/1/02 11:33 Ended: 2/5/02 11:33 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 (QT Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB01\0129B.D Vial: 1
Acq On : 1 Feb 2002 10:35 am Operator:
Sample : lab blank 1/29 Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 04 09:22:27 2002 Quant Results File: SCAN508.RES

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Fri Jan 11 13:20:07 2002
Response via : Initial Calibration
DataAcq Meth : SCAN508

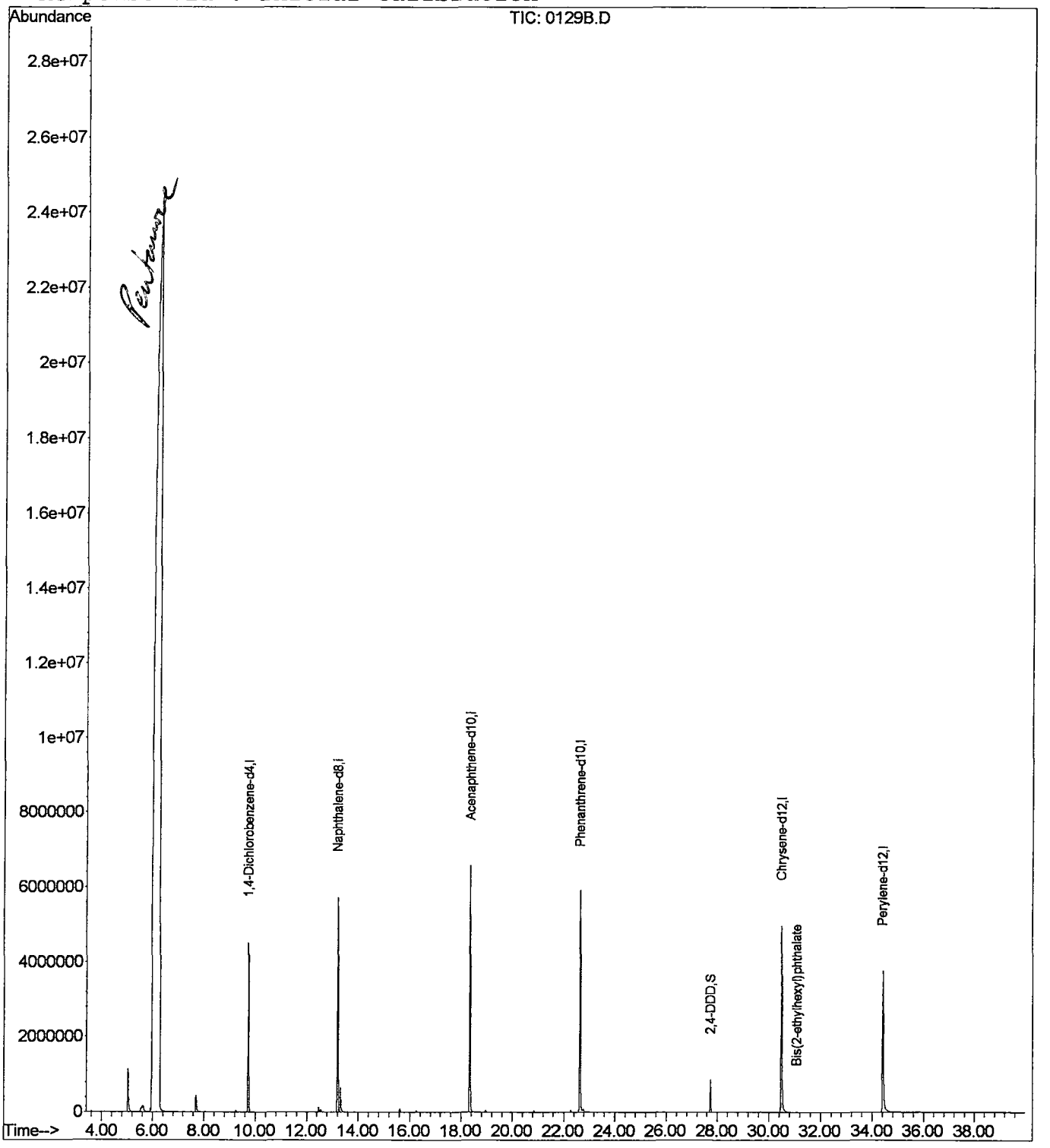
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.72	152	1398191	20.00	ug/L	0.00
10) Naphthalene-d8	13.19	136	6032015	20.00	ug/L	-0.02
17) Acenaphthene-d10	18.34	164	3199279	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.63	188	5285836	20.00	ug/L	-0.03
38) Chrysene-d12	30.49	240	4306287	20.00	ug/L	-0.02
44) Perylene-d12	34.42	264	2989169	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD	27.73	235	315360	3.77	ug/L	0.00
Spiked Amount 5.000			Recovery = 75.40%			
Target Compounds						Qvalue
42) Bis(2-ethylhexyl)phthalate	31.09	149	10864	0.60	ug/L	94

(#) = qualifier out of range (m) = manual integration
0129B.D SCAN508.M Mon Feb 04 09:23:47 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB01\0129B.D Vial: 1
Acq On : 1 Feb 2002 10:35 am Operator:
Sample : lab blank 1/29 Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 4 9:22 2002 Quant Results File: SCAN508.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Fri Jan 11 13:20:07 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\0129B.D Vial: 1
Acq On : 1 Feb 2002 10:35 am Operator:
Sample : lab blank 1/29 Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.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

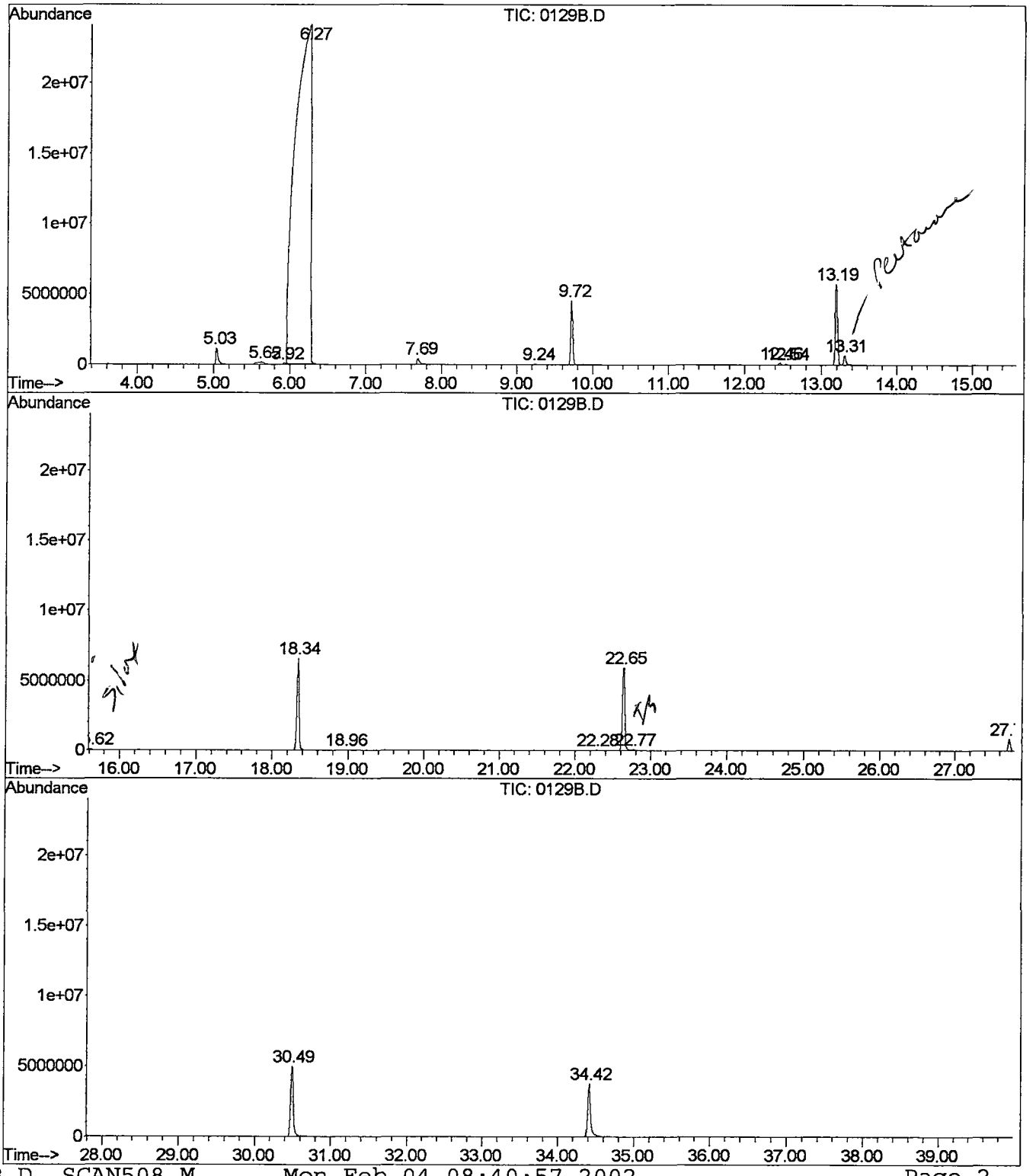
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.029	141	145	165	rBV	1147087	2390949	0.69%	0.565%
2	5.623	185	197	217	rBV2	162670	1075950	0.31%	0.254%
3	5.920	221	223	225	rBV	86523	160678	0.05%	0.038%
4	6.273	225	254	257	rVV2	24033361	345280522	100.00%	81.649%
5	7.689	375	378	395	rBV	433677	1082101	0.31%	0.256%
6	9.242	509	514	521	rBV	40383	93639	0.03%	0.022%
7	9.721	551	556	561	rVB	4506097	7894713	2.29%	1.867%
8	12.461	791	796	801	rBV	129703	255822	0.07%	0.060%
9	12.541	801	803	807	rVV	68667	111804	0.03%	0.026%
10	13.192	855	860	865	rBV	5719664	11510743	3.33%	2.722%
11	13.306	865	870	881	rVB	665206	1432548	0.41%	0.339%
12	15.624	1067	1073	1077	rVV	84282	152252	0.04%	0.036%
13	18.341	1305	1311	1315	rBV	6578662	13010282	3.77%	3.077%
14	18.958	1361	1365	1371	rBV	42792	84965	0.02%	0.020%
15	22.280	1653	1656	1661	rBV2	49667	90201	0.03%	0.021%
16	22.645	1681	1688	1693	rBV2	5931669	13945926	4.04%	3.298%
17	22.771	1697	1699	1715	rVV	89236	310382	0.09%	0.073%
18	27.726	2129	2133	2139	rBV	857972	1521749	0.44%	0.360%
19	30.489	2369	2375	2381	rBV	4969854	12319685	3.57%	2.913%
20	34.416	2713	2719	2751	rBV	3757938	10160504	2.94%	2.403%

Sum of corrected areas: 422885415

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02FEB01\0129B.D
Operator :
Acquired : 1 Feb 2002 10:35 am using AcqMethod SCAN508
Instrument : Instrumen
Sample Name: lab blank 1/29
Misc Info : February 1, 2002
Vial Number: 1
Quant File :SCAN508.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\0129B.D Vial: 1
Acq On : 1 Feb 2002 10:35 am Operator:
Sample : lab blank 1/29 Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

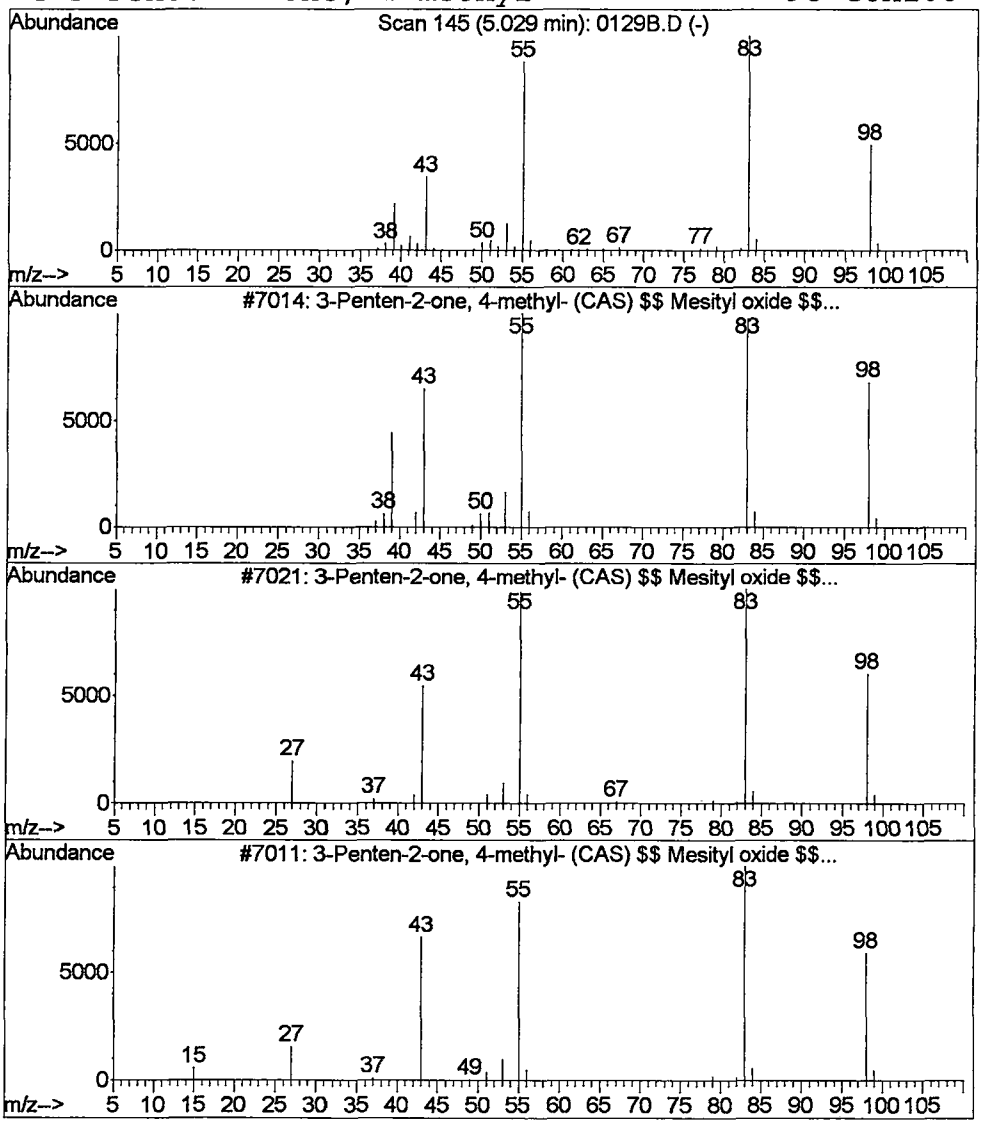
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

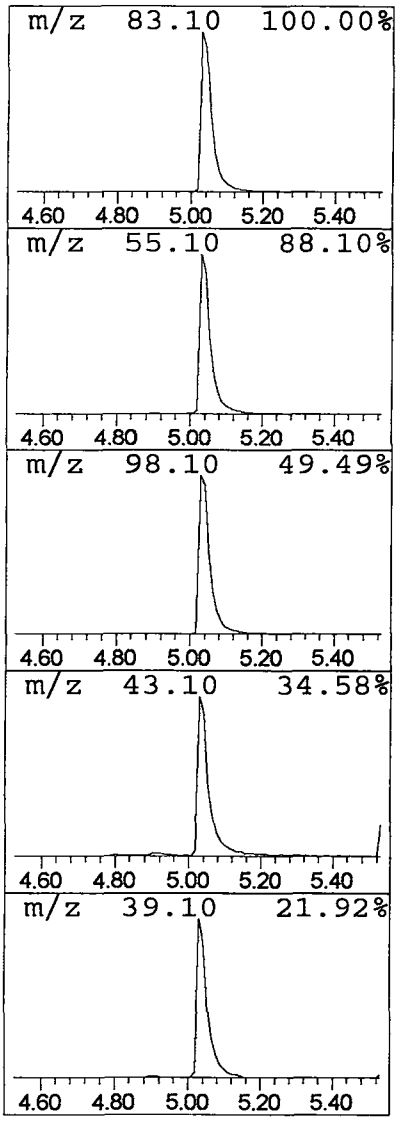
****

Peak Number 1 3-Penten-2-one, 4-methyl- (... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	6.06 ug/L	2390950	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl- (CAS) ...	98	C6H10O	000141-79-7	94
2	3-Penten-2-one, 4-methyl- (CAS) ...	98	C6H10O	000141-79-7	91
3	3-Penten-2-one, 4-methyl- (CAS) ...	98	C6H10O	000141-79-7	91
4	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\0129B.D Vial: 1
Acq On : 1 Feb 2002 10:35 am Operator:
Sample : lab blank 1/29 Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

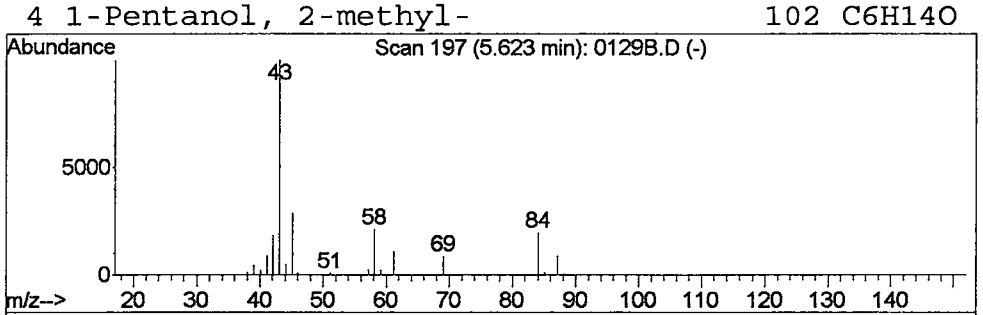
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

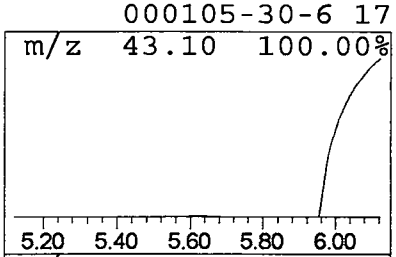
****

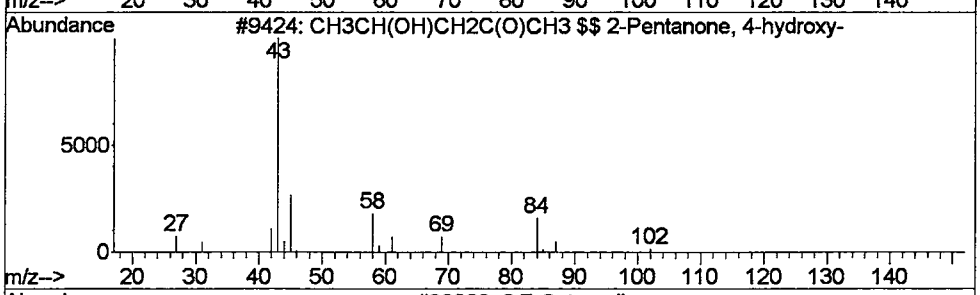
Peak Number 2 CH3CH(OH)CH2C(O)CH3 $$ 2-Pe... Concentration Rank 4

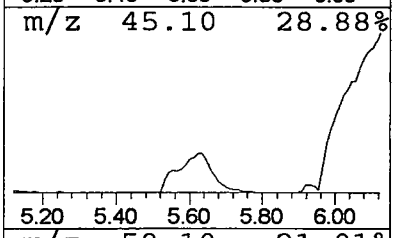
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.62	2.73 ug/L	1075950	1,4-Dichlorobenzene-d4	9.72

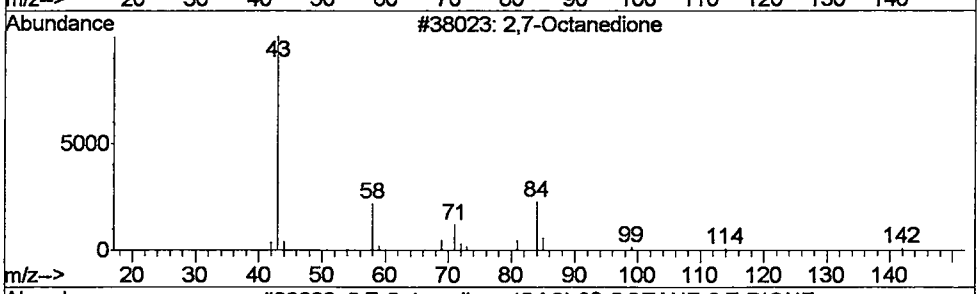
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	CH3CH(OH)CH2C(O)CH3 $$ 2-Pentano...	102	C5H10O2	004161-60-8	78
2	2,7-Octanedione	142	C8H14O2	001626-09-1	25
3	2,7-Octanedione (CAS) $$ OCTANE-...	142	C8H14O2	001626-09-1	25
4	1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	17

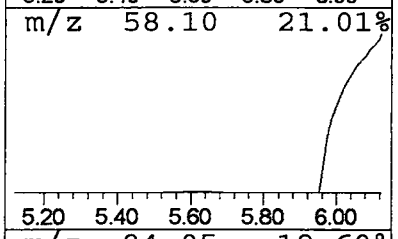


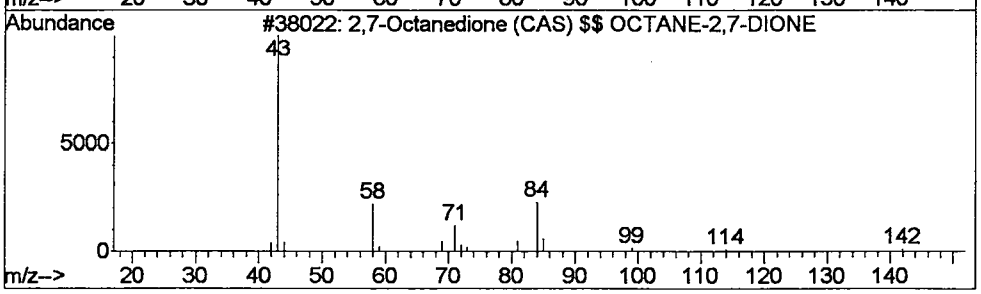


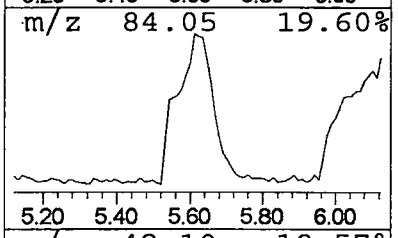


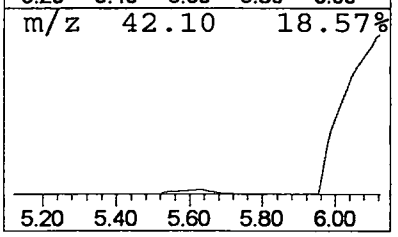












Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\0129B.D Vial: 1
Acq On : 1 Feb 2002 10:35 am Operator:
Sample : lab blank 1/29 Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

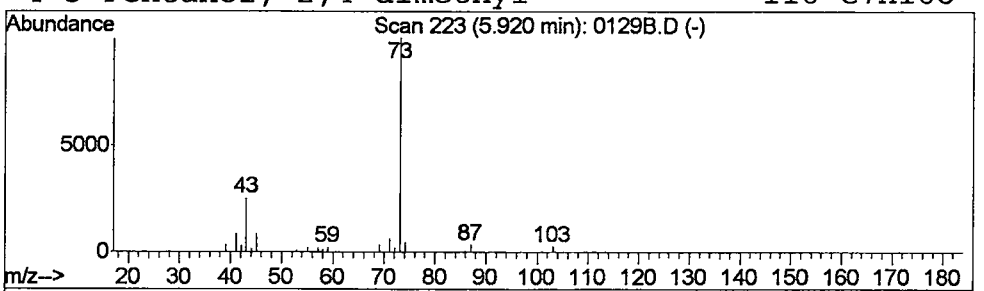
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

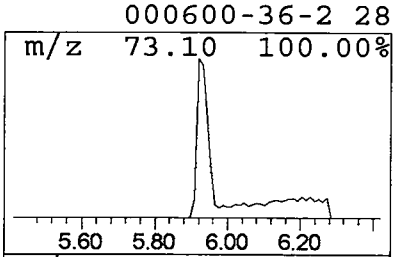
****

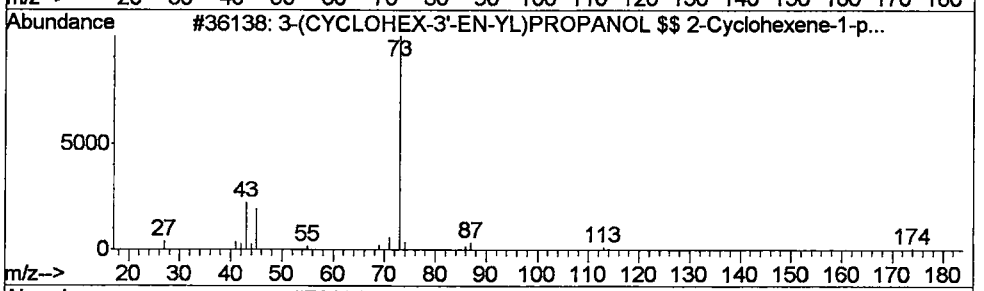
Peak Number 3 3-(CYCLOHEX-3'-EN-YL)PROPAN... Concentration Rank 8

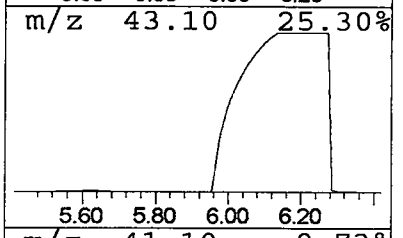
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.92	0.41 ug/L	160678	1,4-Dichlorobenzene-d4	9.72

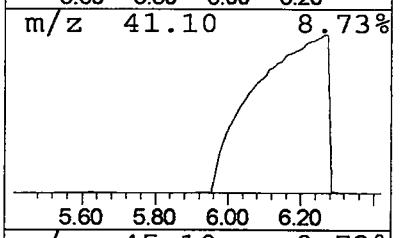
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	36
2	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	36
3	Butane, 2-methoxy-2-methyl- $$ E...	102	C6H14O	000994-05-8	28
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	28

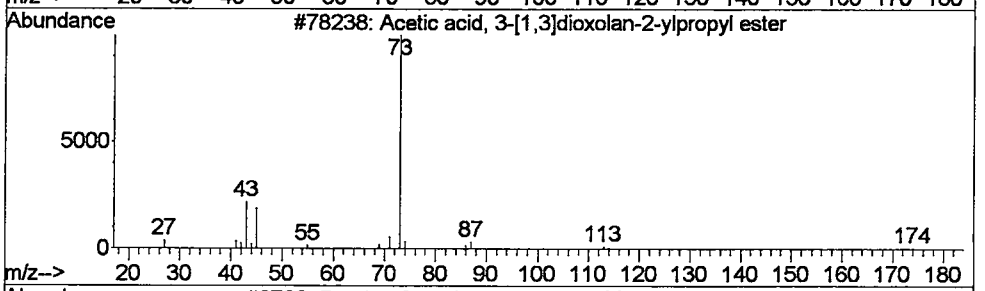


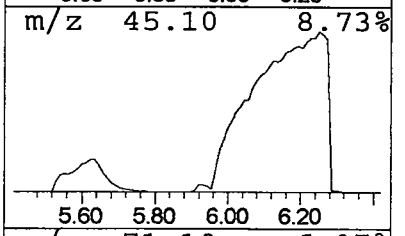


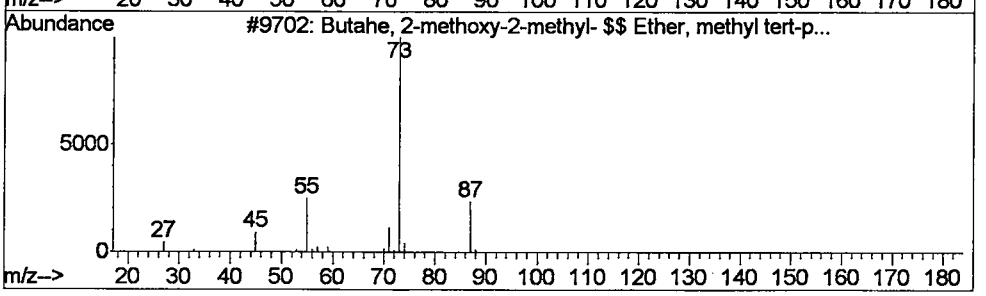


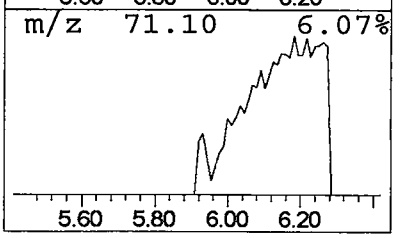












Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\0129B.D Vial: 1
Acq On : 1 Feb 2002 10:35 am Operator:
Sample : lab blank 1/29 Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

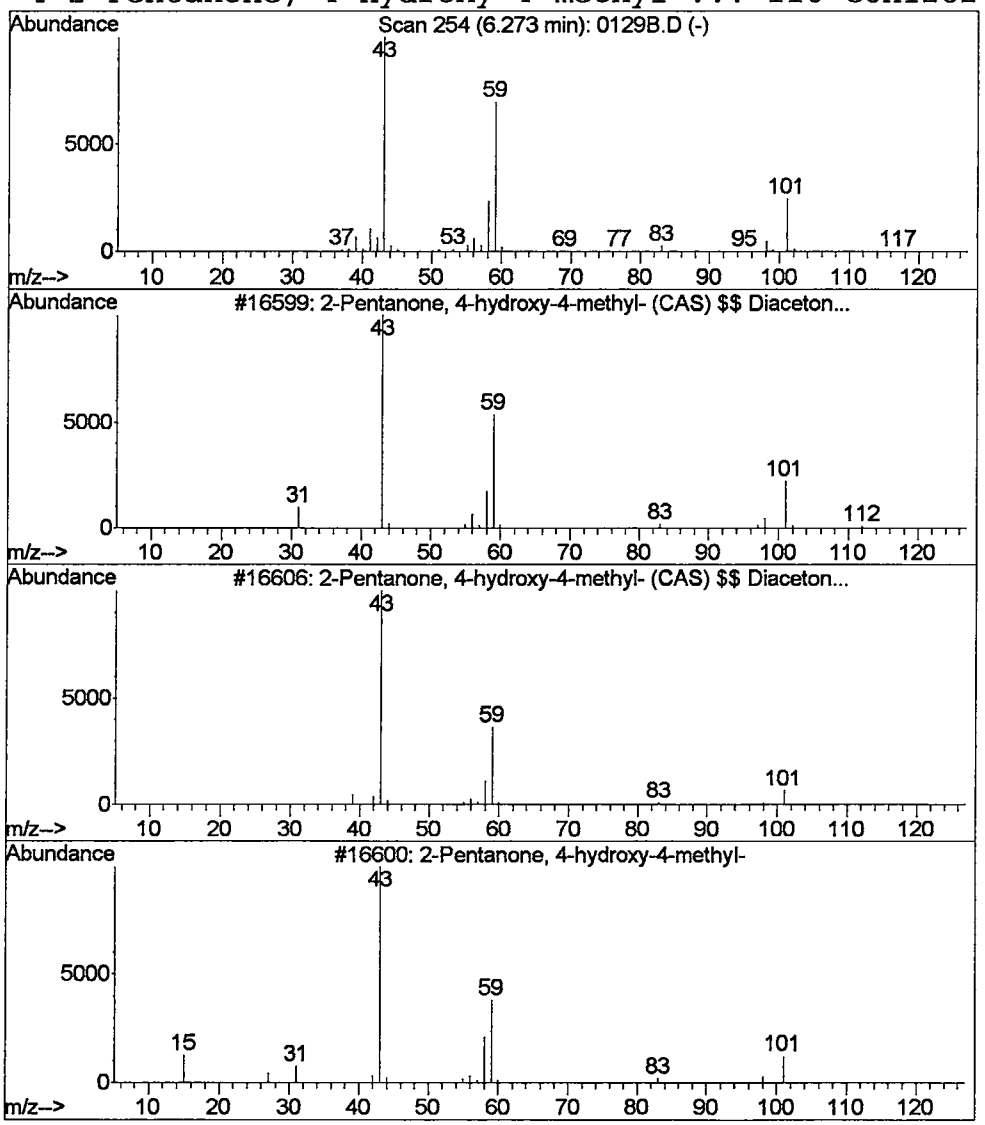
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

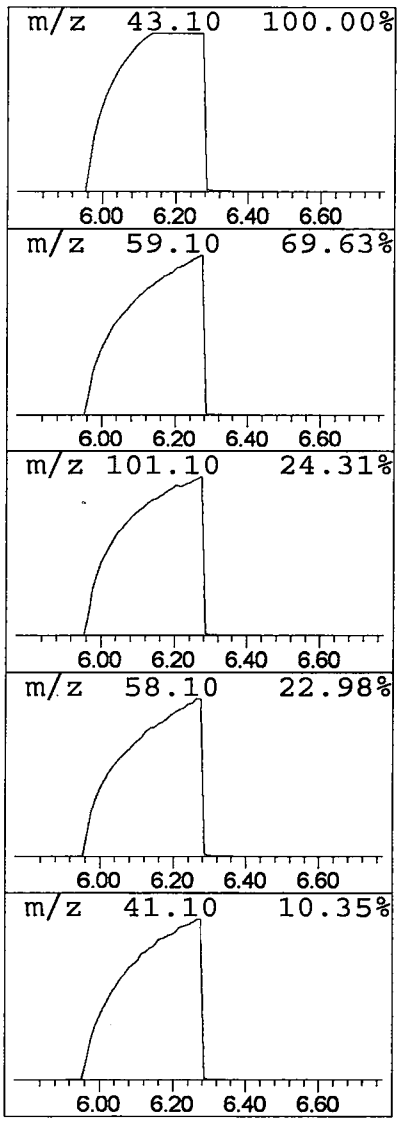
****

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	874.71 ug/L	345281000	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	78
2	2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	74
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
4	2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	64





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\0129B.D Vial: 1
Acq On : 1 Feb 2002 10:35 am Operator:
Sample : lab blank 1/29 Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

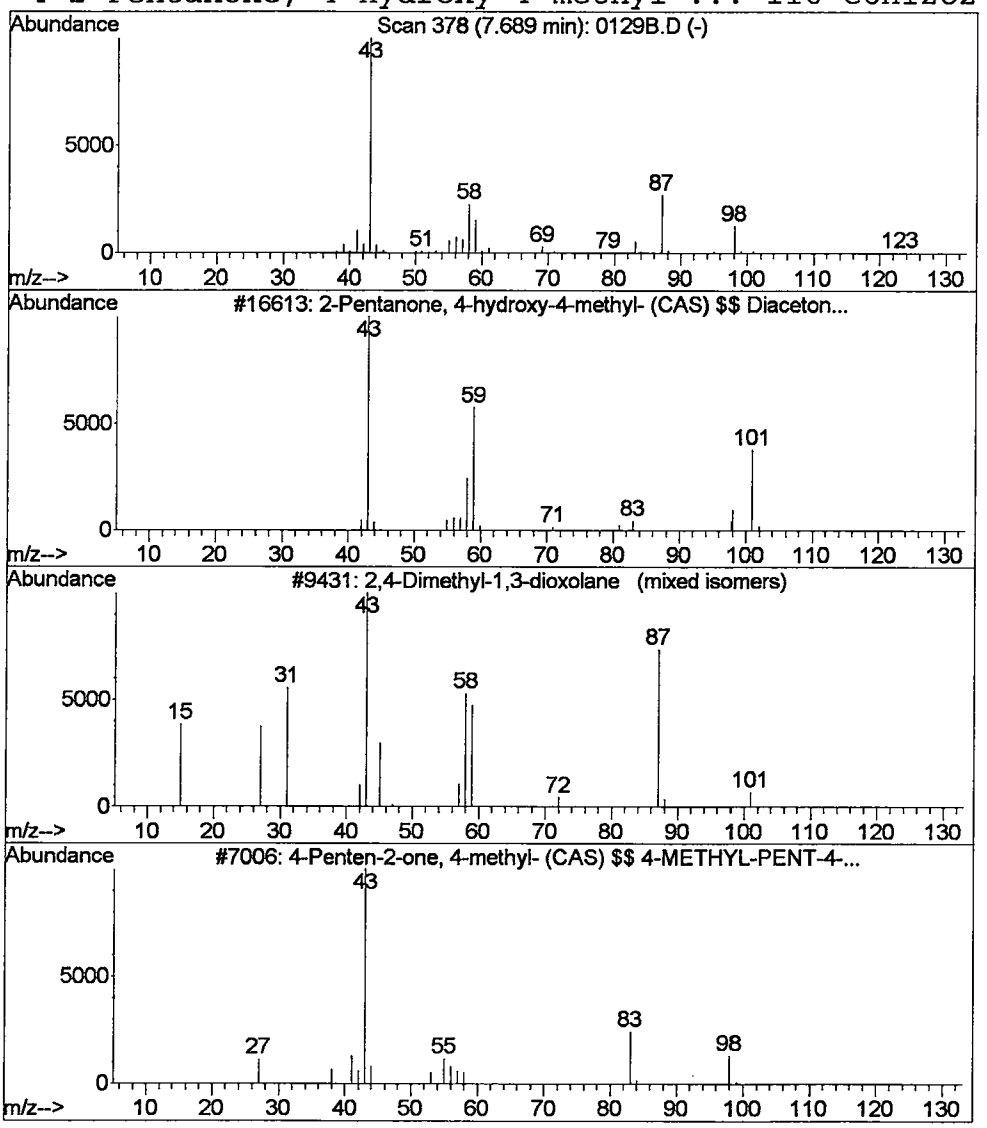
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

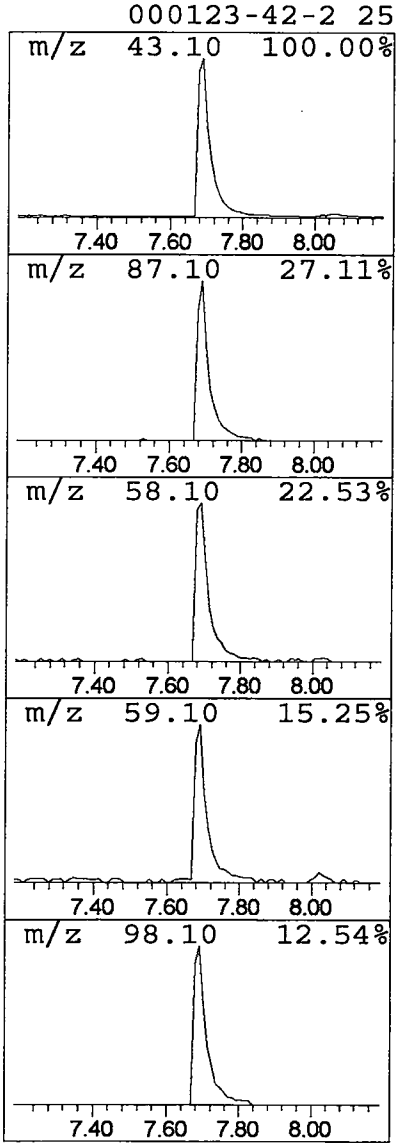
****

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	2.74 ug/L	1082100	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	38
2	2,4-Dimethyl-1,3-dioxolane (mi...	102	C5H10O2	000000-00-0	33
3	4-Penten-2-one, 4-methyl- (CAS) ...	98	C6H10O	003744-02-3	27
4	2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	25





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\0129B.D Vial: 1
Acq On : 1 Feb 2002 10:35 am Operator:
Sample : lab blank 1/29 Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

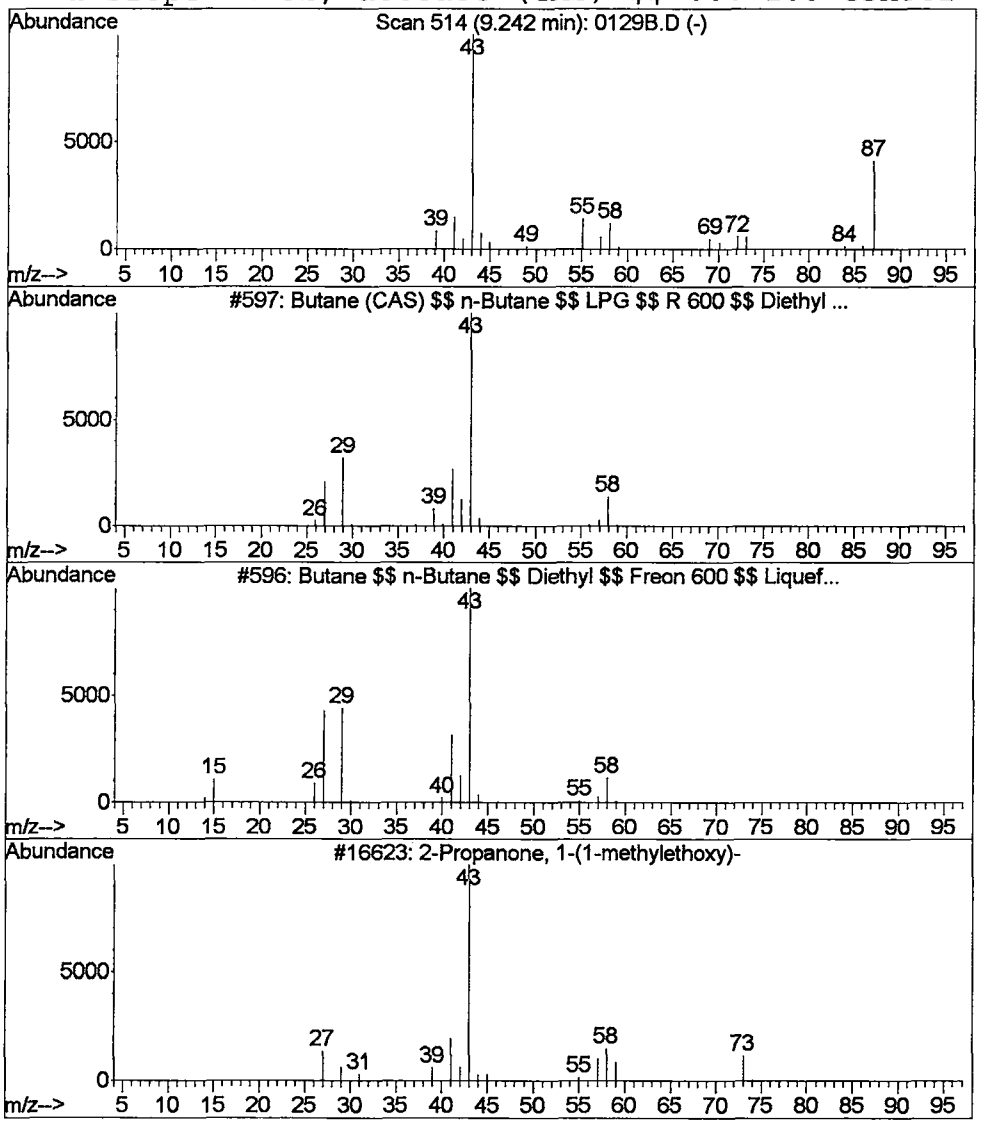
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

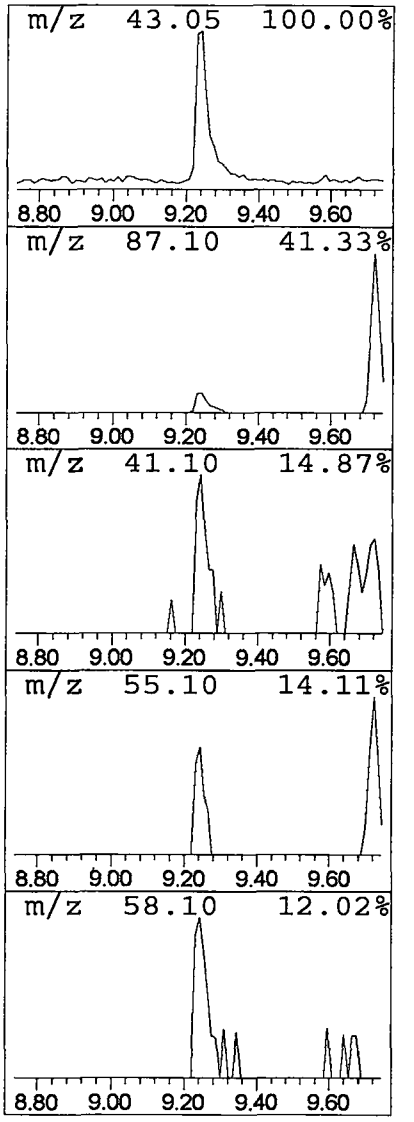
****

Peak Number 6 Butane (CAS) $$ n-Butane $$... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	0.24 ug/L	93639	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane (CAS) $$ n-Butane $$ LPG ...	58	C4H10	000106-97-8	9
2	Butane $$ n-Butane $$ Diethyl $$...	58	C4H10	000106-97-8	9
3	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9
4	1-Propen-2-ol, acetate (CAS) $$ ...	100	C5H8O2	000108-22-5	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\0129B.D Vial: 1
Acq On : 1 Feb 2002 10:35 am Operator:
Sample : lab blank 1/29 Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

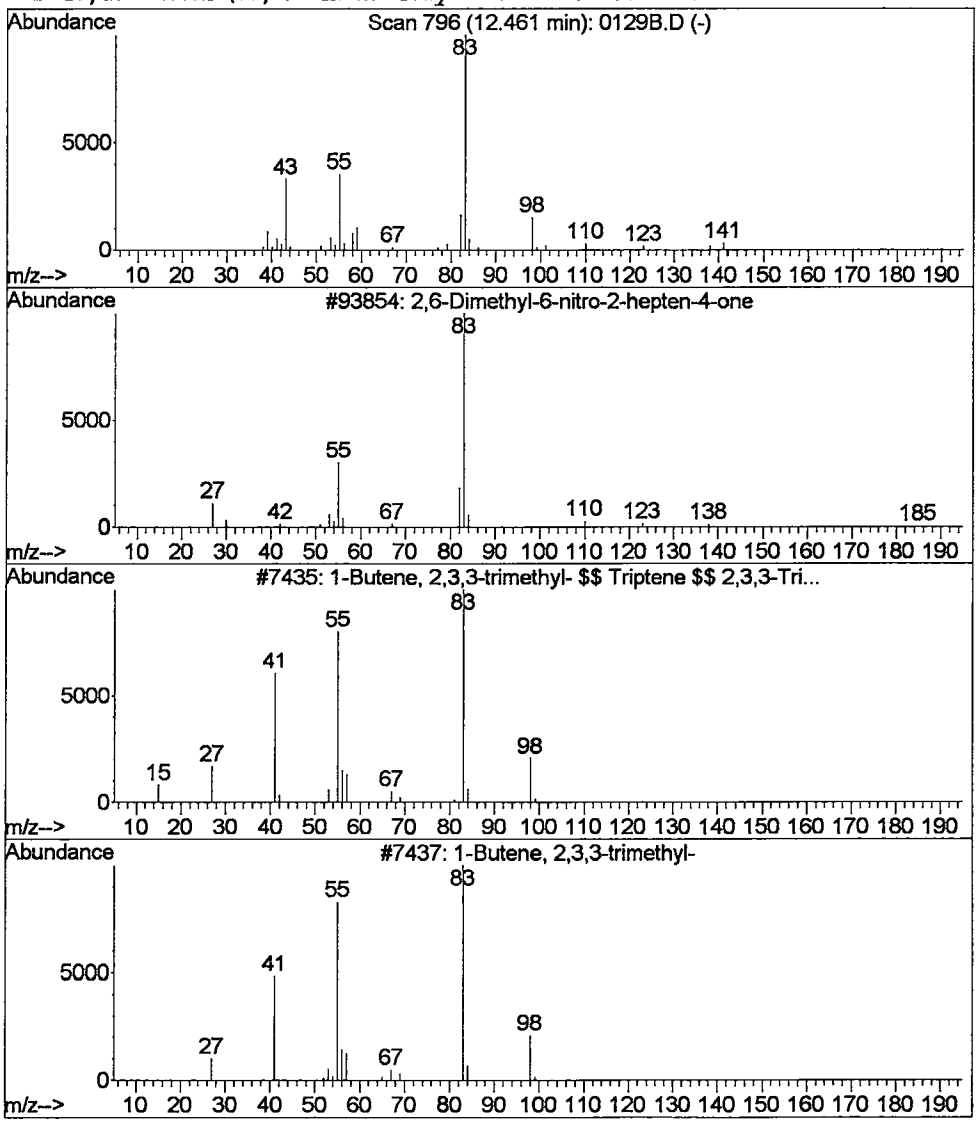
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

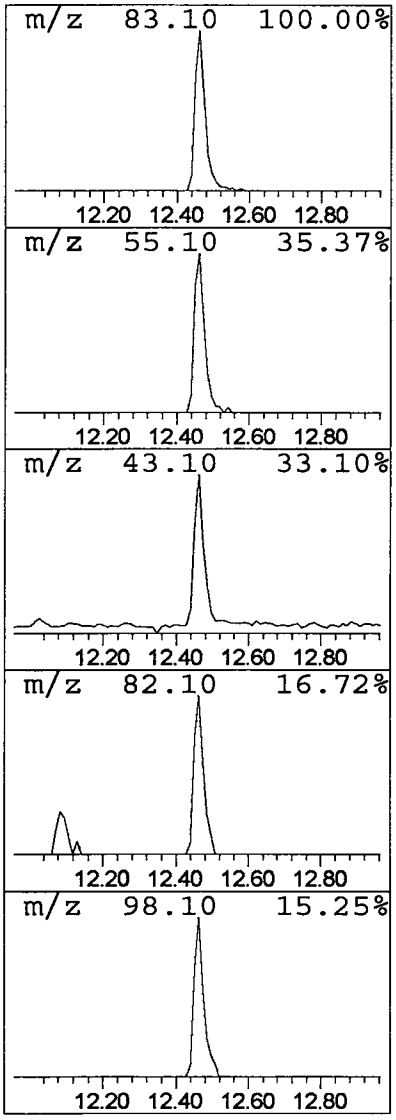
****

Peak Number 7 2,6-Dimethyl-6-nitro-2-hept... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	0.44 ug/L	255822	Naphthalene-d8	13.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethyl-6-nitro-2-hepten-4-one	185	C9H15NO3	073583-56-9	64
2	1-Butene, 2,3,3-trimethyl- $$ Tr...	98	C7H14	000594-56-9	59
3	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	59
4	N,N'-Bis(2,6-dimethyl-6-nitrosoh...	338	C18H30N2O4	066737-12-0	53





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\0129B.D Vial: 1
Acq On : 1 Feb 2002 10:35 am Operator:
Sample : lab blank 1/29 Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

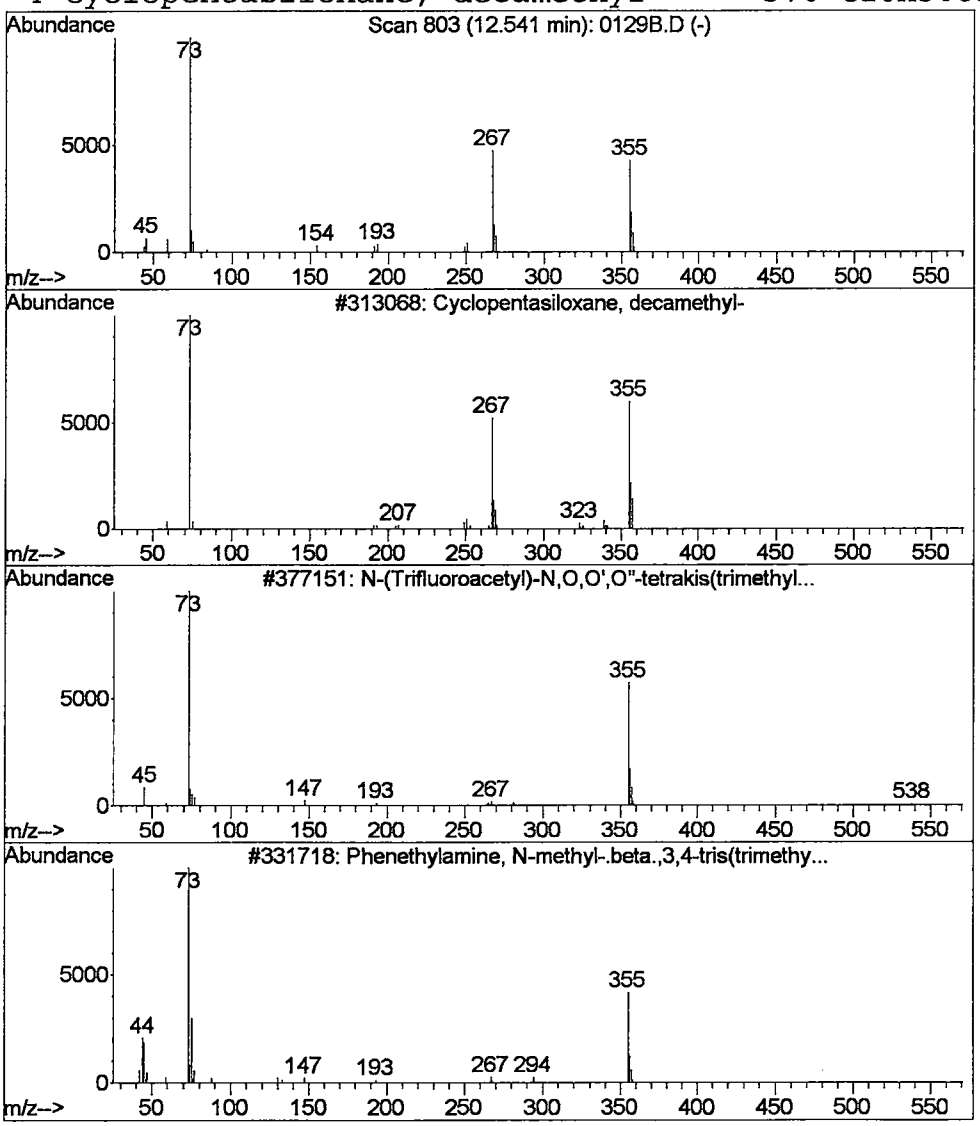
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

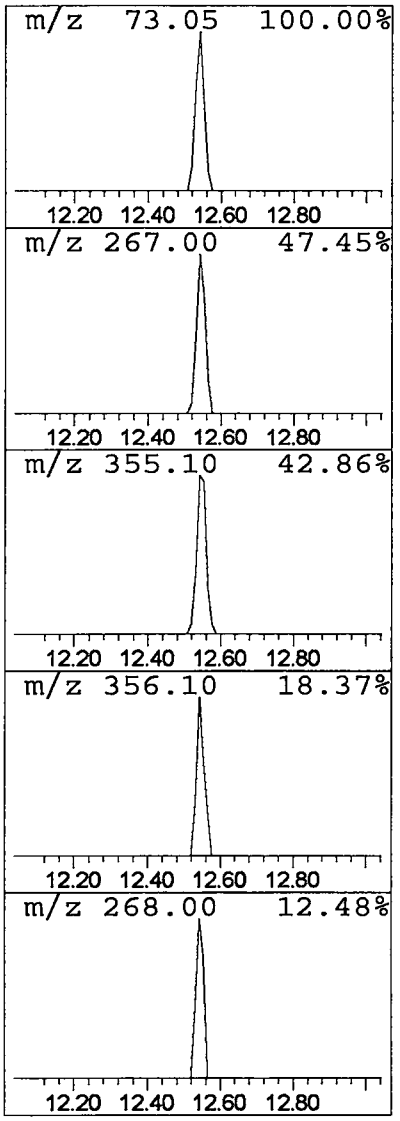
****

Peak Number 8 Cyclopentasiloxane, decamet... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	0.19 ug/L	111804	Naphthalene-d8	13.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	83
2	N-(Trifluoroacetyl)-N,O,O',O''-t...	553	C22H42F3NO4Si4	000000-00-0	43
3	Phenethylamine, N-methyl-.beta.,...	399	C18H37NO3Si3	010538-85-9	43
4	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	43





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\0129B.D Vial: 1
Acq On : 1 Feb 2002 10:35 am Operator:
Sample : lab blank 1/29 Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

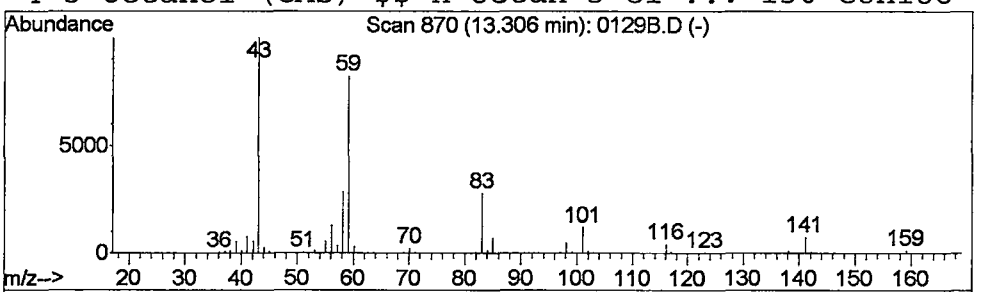
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

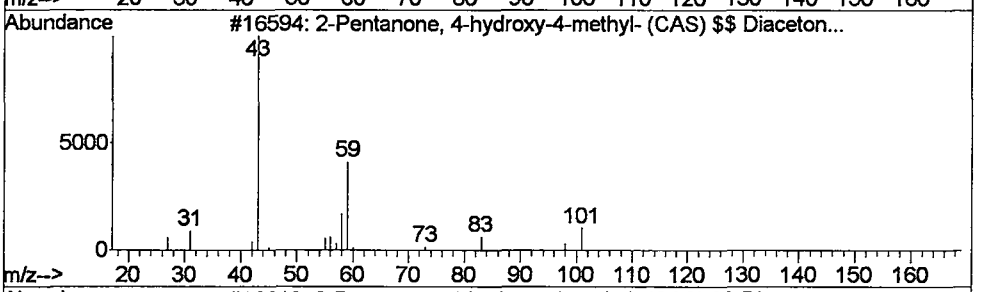
****

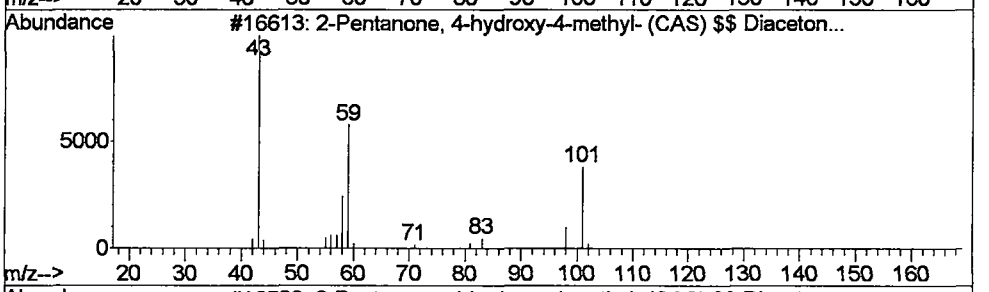
Peak Number 9 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

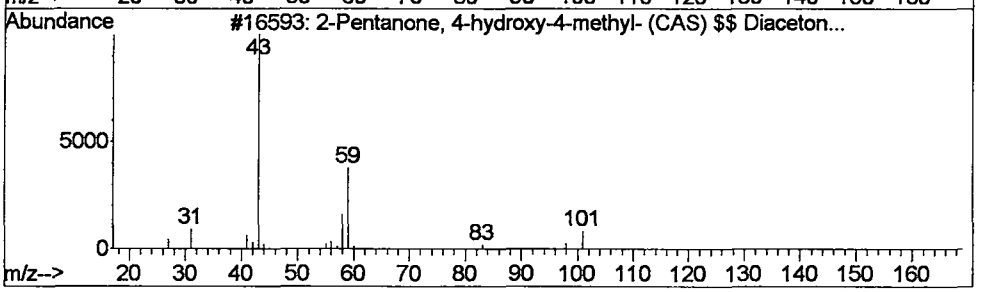
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	2.49 ug/L	1432550	Naphthalene-d8	13.19

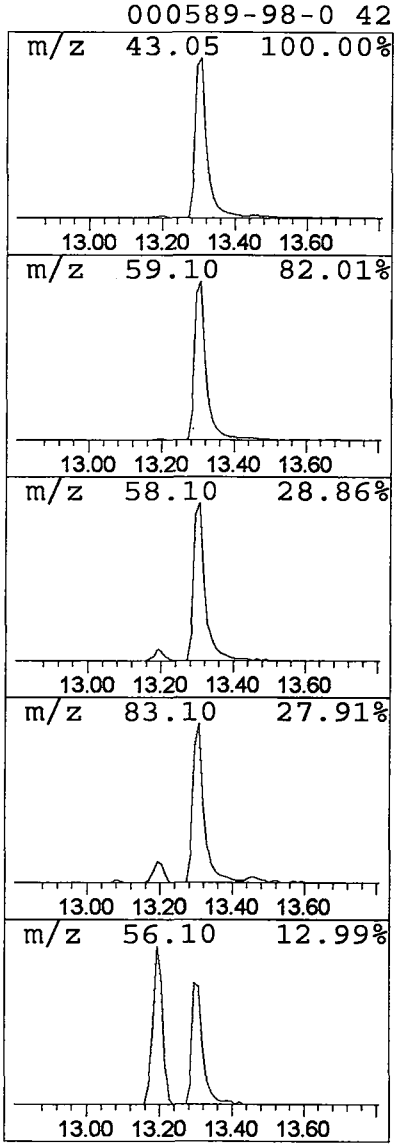
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	72
2	2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	64
3	2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	50
4	3-Octanol (CAS) $$ n-Octan-3-ol ...	130	C8H18O	000589-98-0	42











Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\0129B.D Vial: 1
Acq On : 1 Feb 2002 10:35 am Operator:
Sample : lab blank 1/29 Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

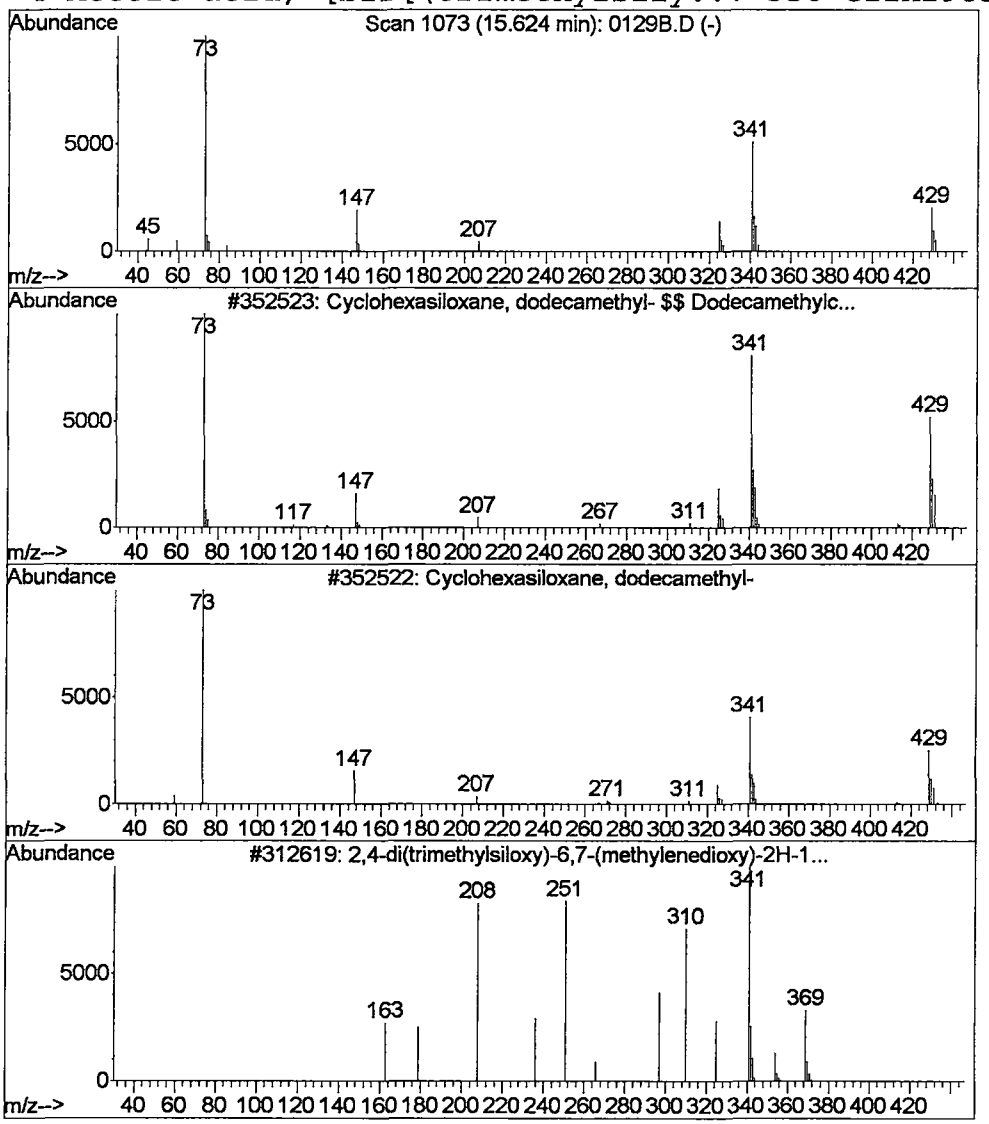
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

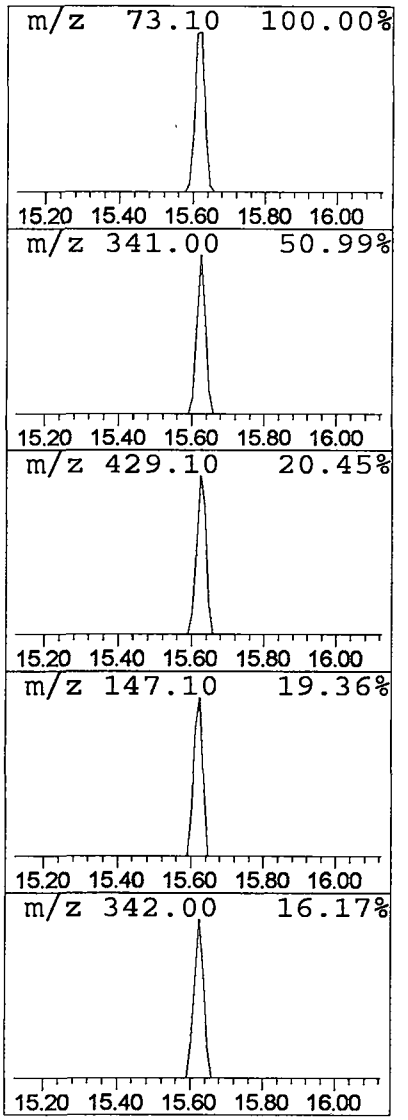
****

Peak Number 10 Cyclohexasiloxane, dodecame... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	0.26 ug/L	152252	Naphthalene-d8	13.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexasiloxane, dodecamethyl-...	444	C12H36O6Si6	000540-97-6	91
2	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	90
3	2,4-di(trimethylsiloxy)-6,7-(met...	369	C15H23NO6Si2	000000-00-0	53
4	Acetic acid, [bis[(trimethylsily...	356	C11H29O5PSi3	053044-27-2	50





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\0129B.D Vial: 1
Acq On : 1 Feb 2002 10:35 am Operator:
Sample : lab blank 1/29 Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

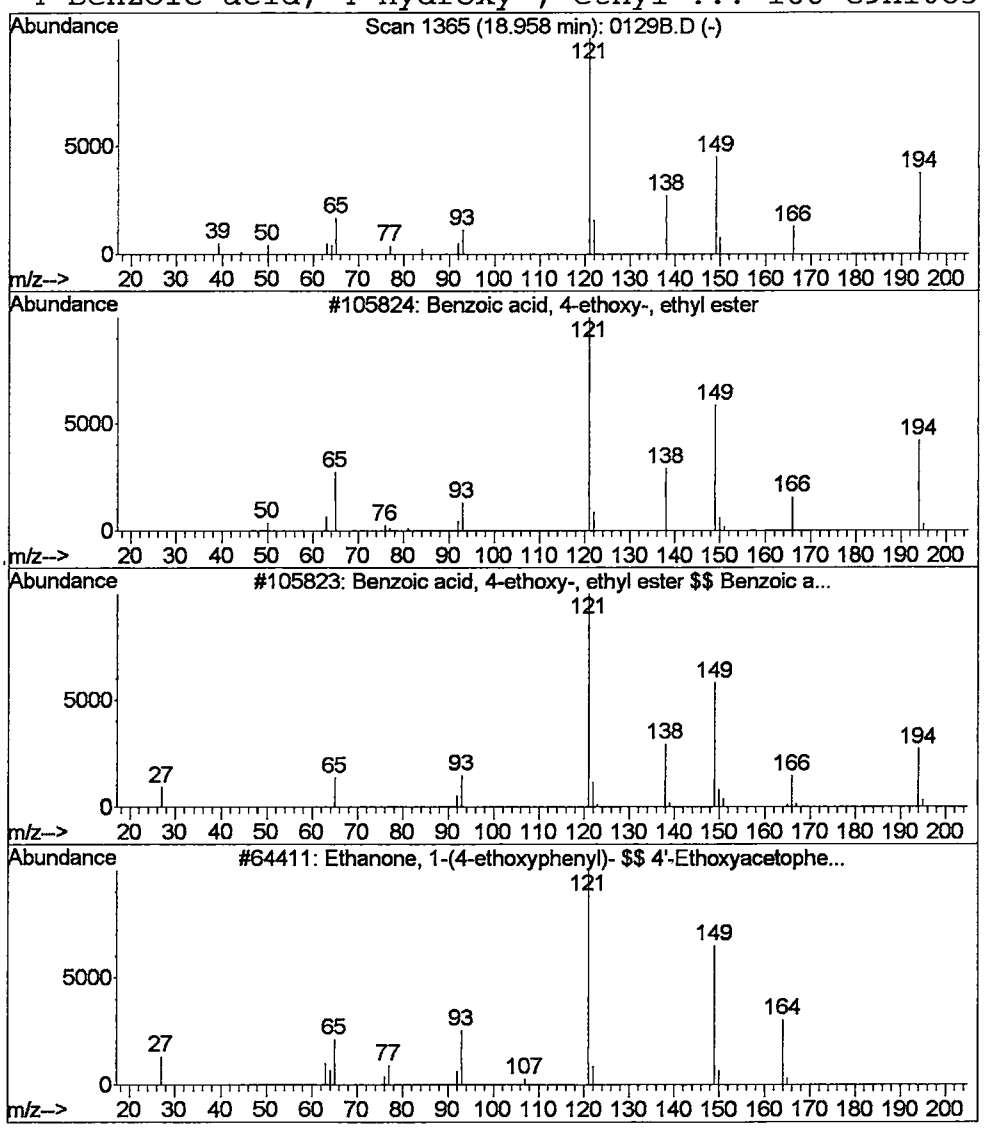
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

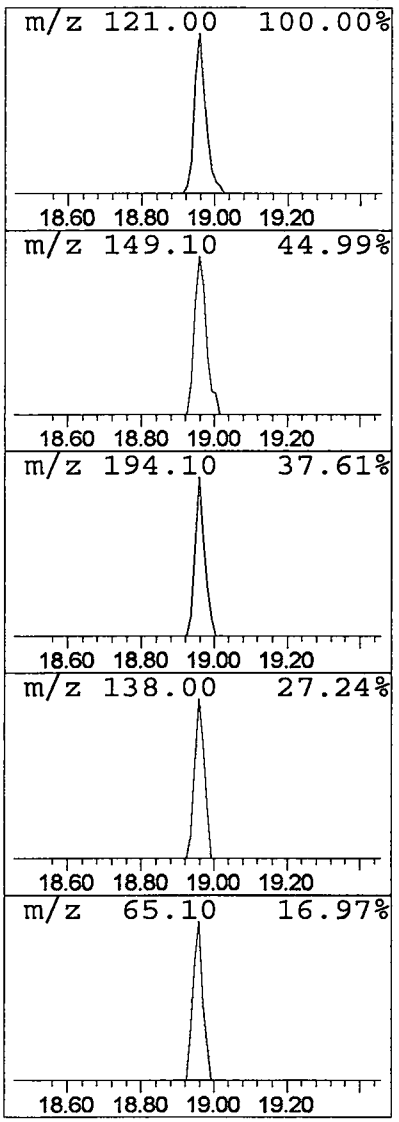
****

Peak Number 11 Benzoic acid, 4-ethoxy-, et... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	0.13 ug/L	84965	Acenaphthene-d10	18.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-ethoxy-, ethyl e...	194	C11H14O3	023676-09-7	91
2	Benzoic acid, 4-ethoxy-, ethyl e...	194	C11H14O3	023676-09-7	83
3	Ethanone, 1-(4-ethoxyphenyl)- $$...	164	C10H12O2	001676-63-7	53
4	Benzoic acid, 4-hydroxy-, ethyl ...	166	C9H10O3	000120-47-8	49





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\0129B.D Vial: 1
Acq On : 1 Feb 2002 10:35 am Operator:
Sample : lab blank 1/29 Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

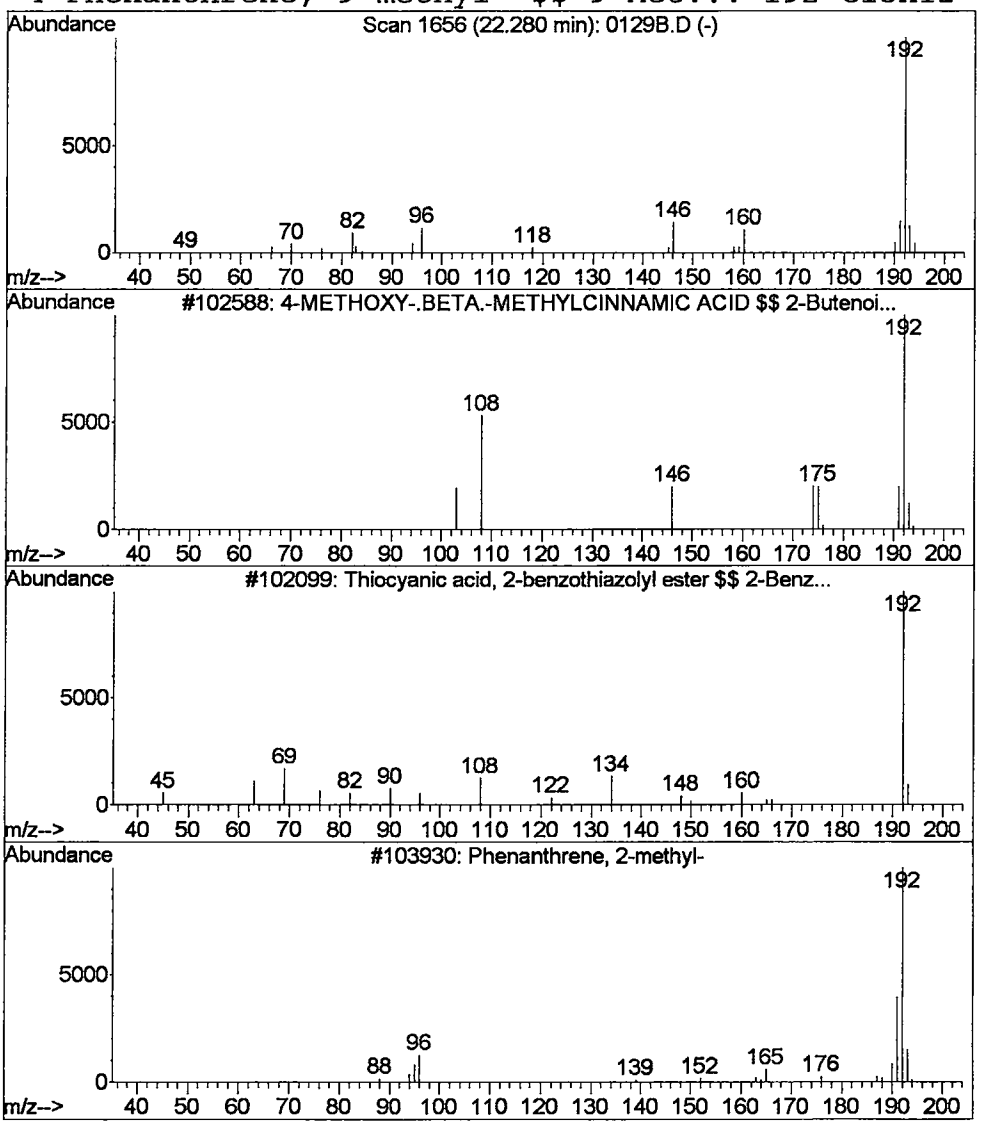
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

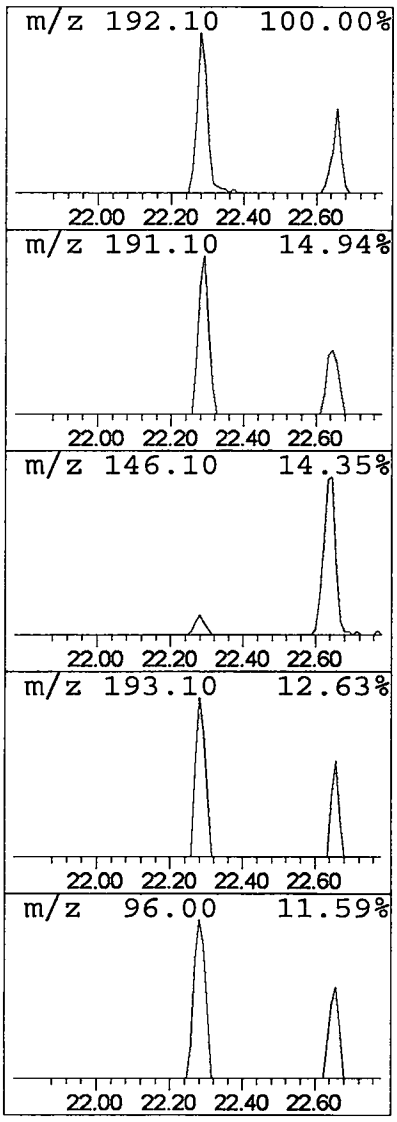
****

Peak Number 12 4-METHOXY-.BETA.-METHYLCINN... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.13 ug/L	90201	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	Thiocyanic acid, 2-benzothiazoly...	192	C8H4N2S2	006011-99-0	59
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	53
4	Phenanthrene, 9-methyl- $$ 9-Met...	192	C15H12	000883-20-5	53





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\0129B.D Vial: 1
Acq On : 1 Feb 2002 10:35 am Operator:
Sample : lab blank 1/29 Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

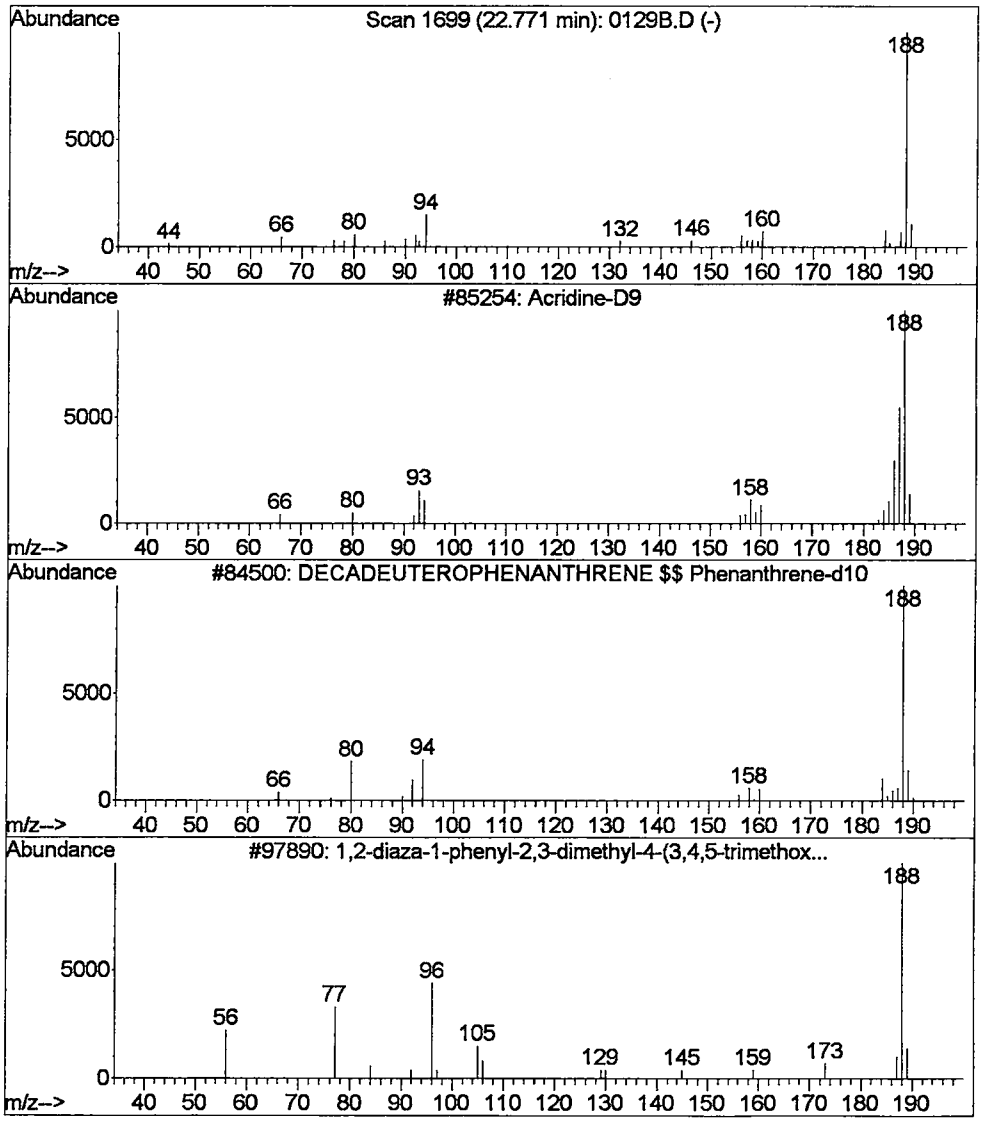
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

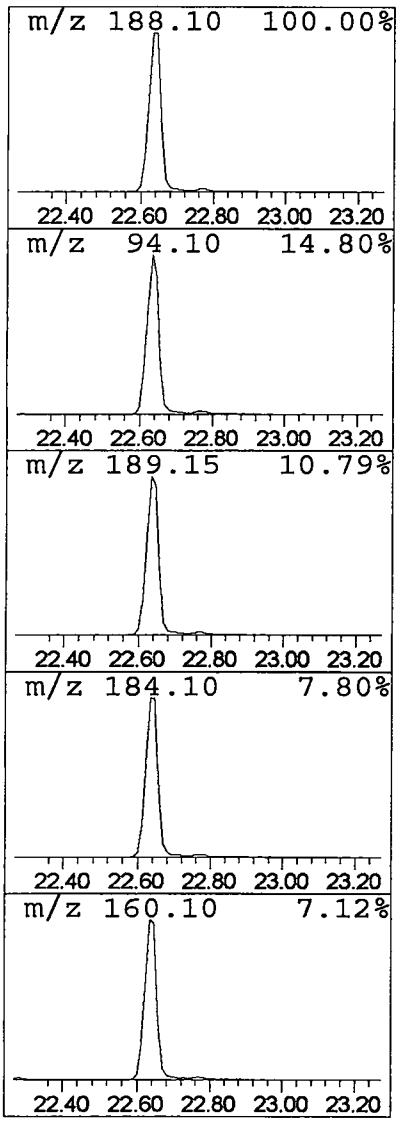
****

Peak Number 13 Acridine-D9 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.45 ug/L	310382	Phenanthrene-d10	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine-D9	188	C13D9N	000000-00-0	72
2	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	64
3	1,2-diaza-1-phenyl-2,3-dimethyl-...	188	C11H12N2O	000000-00-0	59
4	Acridine-D9	188	C13D9N	000000-00-0	50





Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 1 Feb 2002 10:35 am
Data File: C:\MSDCHEM\1\5973N\02FEB01\0129B.D
Name: lab blank 1/29
Misc: February 1, 2002
Method: C:\MSDCHEM\1\METHODS\METHODS\SCAN508.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
3-Penten-2-one, 4...	5.03	6.1	ug/L	2390950	1	9.72	7894710	20.0
CH3CH(OH)CH2C(O)C...	5.62	2.7	ug/L	1075950	1	9.72	7894710	20.0
3-(CYCLOHEX-3'-EN...	5.92	0.4	ug/L	160678	1	9.72	7894710	20.0
2-Pentanone, 4-hy...	6.27	874.7	ug/L	345281000	1	9.72	7894710	20.0
2-Pentanone, 4-hy...	7.69	2.7	ug/L	1082100	1	9.72	7894710	20.0
Butane (CAS) $$ n...	9.24	0.2	ug/L	93639	1	9.72	7894710	20.0
2,6-Dimethyl-6-ni...	12.46	0.4	ug/L	255822	2	13.19	11510700	20.0
Cyclopentasiloxan...	12.54	0.2	ug/L	111804	2	13.19	11510700	20.0
2-Pentanone, 4-hy...	13.31	2.5	ug/L	1432550	2	13.19	11510700	20.0
Cyclohexasiloxane...	15.62	0.3	ug/L	152252	2	13.19	11510700	20.0
Benzoic acid, 4-e...	18.96	0.1	ug/L	84965	3	18.34	13010300	20.0
4-METHOXY-.BETA.-...	22.28	0.1	ug/L	90201	4	22.63	13945900	20.0
Acridine-D9	22.77	0.4	ug/L	310382	4	22.63	13945900	20.0

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/11/2002 Time: 16:43:54

Sample: AD30642
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/11/02 16:42 Ended: 2/11/02 16:42 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		79		5.0

Comments for Sample AD30642 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-11-2002 Time: 16:44:39

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 13 of the 43 compounds in the LCS Standard were above their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB01\30642.D Vial: 5
Acq On : 1 Feb 2002 1:54 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 04 08:34:16 2002 Quant Results File: SCAN508.RES

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Fri Jan 11 13:20:07 2002
Response via : Initial Calibration
DataAcq Meth : SCAN508

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.72	152	1500587	20.00	ug/L	0.00
10) Naphthalene-d8	13.19	136	6343748	20.00	ug/L	-0.02
17) Acenaphthene-d10	18.34	164	3285534	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.65	188	5287044	20.00	ug/L	-0.02
38) Chrysene-d12	30.50	240	4437099	20.00	ug/L	-0.01
44) Perylene-d12	34.42	264	3048756	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD	27.73	235	328488	3.93	ug/L	0.00
Spiked Amount 5.000			Recovery = 78.60%			
Target Compounds						Qvalue
42) Bis(2-ethylhexyl)phthalate	31.09	149	6944	0.58	ug/L	81

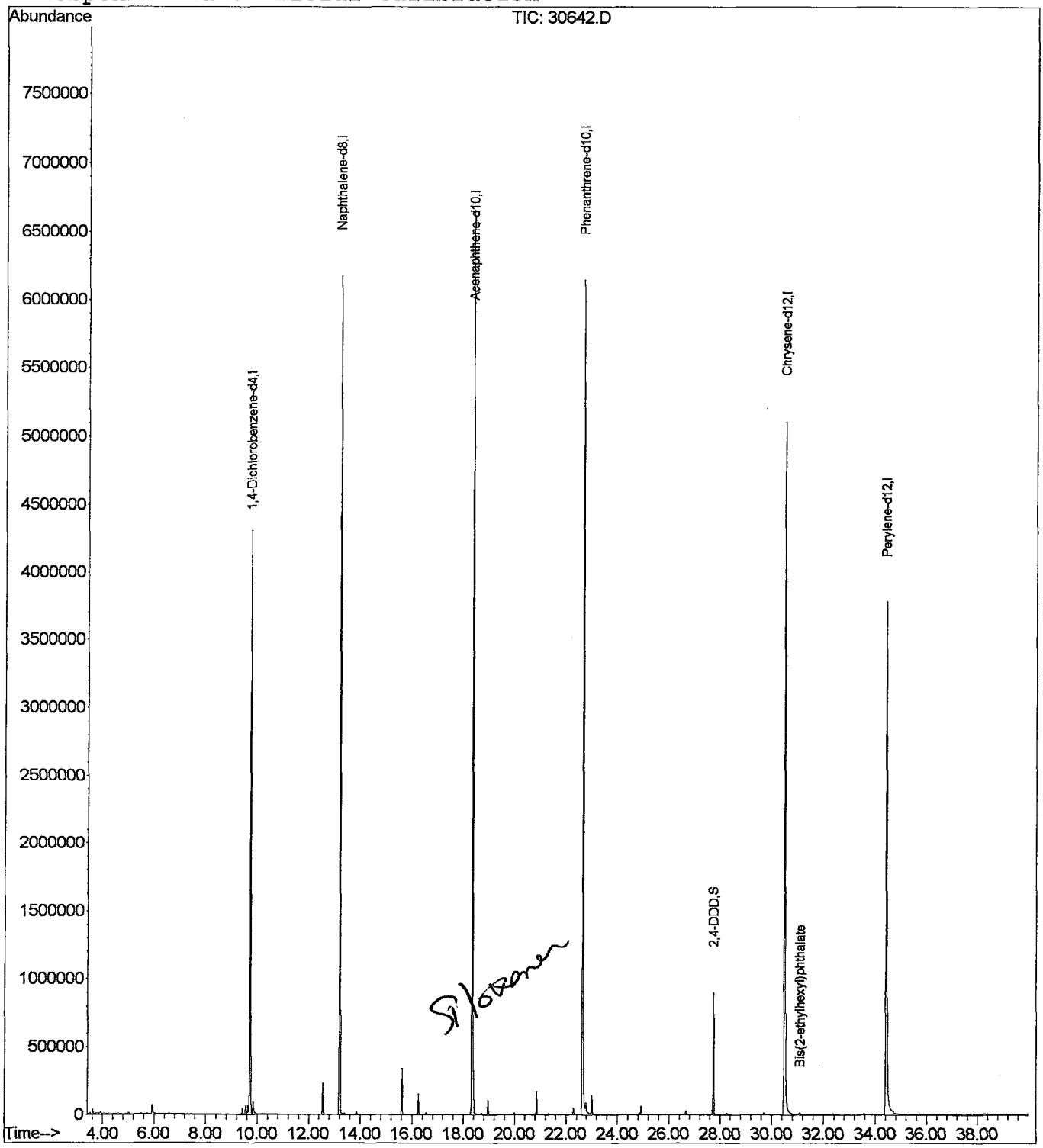
Tm blank for

(#) = qualifier out of range (m) = manual integration
30642.D SCAN508.M Mon Feb 04 09:35:19 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB01\30642.D Vial: 5
Acq On : 1 Feb 2002 1:54 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 4 9:34 2002 Quant Results File: SCAN508.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Fri Jan 11 13:20:07 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\30642.D Vial: 5
Acq On : 1 Feb 2002 1:54 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.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

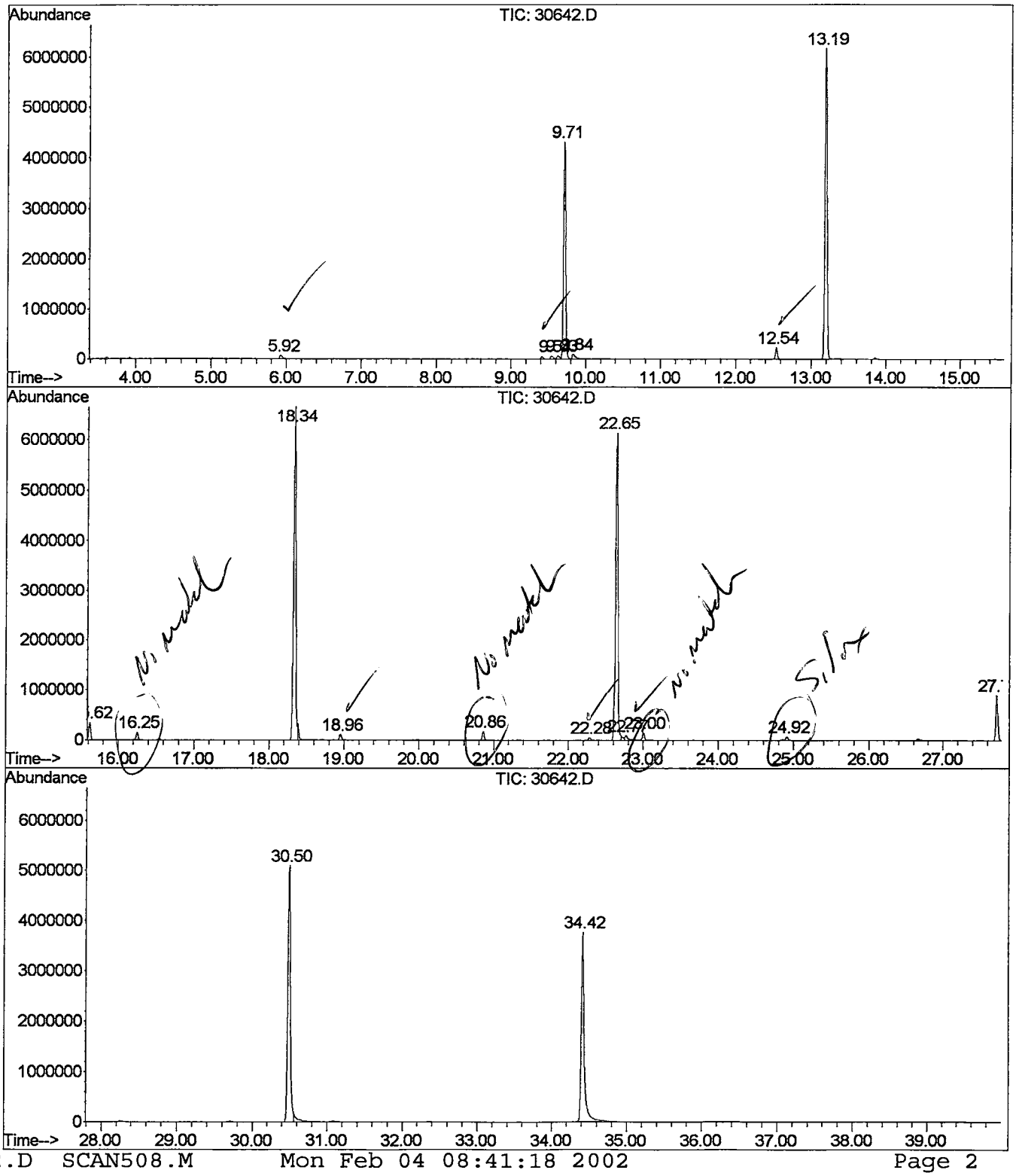
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.920	221	223	235	rBV	67764	180022	1.29%	0.236%
2	9.539	537	540	545	rVV	62442	136826	0.98%	0.179%
3	9.630	545	548	551	rVV	69238	151120	1.08%	0.198%
4	9.710	551	555	561	rVV	4307261	8597472	61.53%	11.267%
5	9.836	561	566	587	rVB	97523	312948	2.24%	0.410%
6	12.541	799	803	809	rVB	236104	392975	2.81%	0.515%
7	13.192	855	860	865	rBV	6171088	12200903	87.32%	15.990%
8	15.624	1067	1073	1077	rVV	344647	600272	4.30%	0.787%
9	16.252	1125	1128	1133	rVB	153270	252942	1.81%	0.331%
10	18.341	1305	1311	1315	rBV	6657811	13579348	97.19%	17.796%
11	18.958	1359	1365	1371	rBV	110762	229879	1.65%	0.301%
12	20.864	1527	1532	1535	rVV	175210	315868	2.26%	0.414%
13	22.280	1651	1656	1661	rBV	51045	95442	0.68%	0.125%
14	22.645	1681	1688	1693	rBV	6140606	13972155	100.00%	18.311%
15	22.771	1697	1699	1715	rVV	90656	308107	2.21%	0.404%
16	22.999	1715	1719	1723	rVV	141681	276885	1.98%	0.363%
17	24.917	1883	1887	1895	rVB	70644	152397	1.09%	0.200%
18	27.726	2129	2133	2139	rVB	899691	1599811	11.45%	2.097%
19	30.500	2369	2376	2381	rBV	5106186	12685911	90.79%	16.625%
20	34.416	2713	2719	2741	rBV	3772073	10263702	73.46%	13.451%

Sum of corrected areas: 76304985

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02FEB01\30642.D
Operator :
Acquired : 1 Feb 2002 1:54 pm using AcqMethod SCAN508
Instrument : Instrumen
Sample Name: 508 scan
Misc Info : February 1, 2002
Vial Number: 5
Quant File :SCAN508.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\30642.D Vial: 5
Acq On : 1 Feb 2002 1:54 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

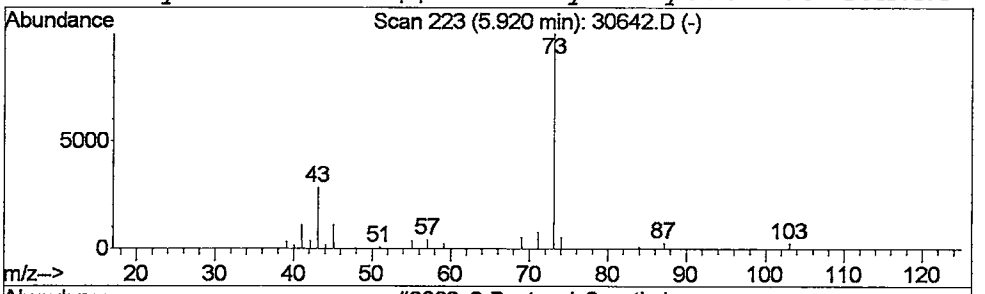
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

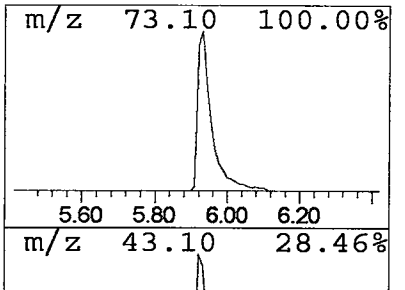
****

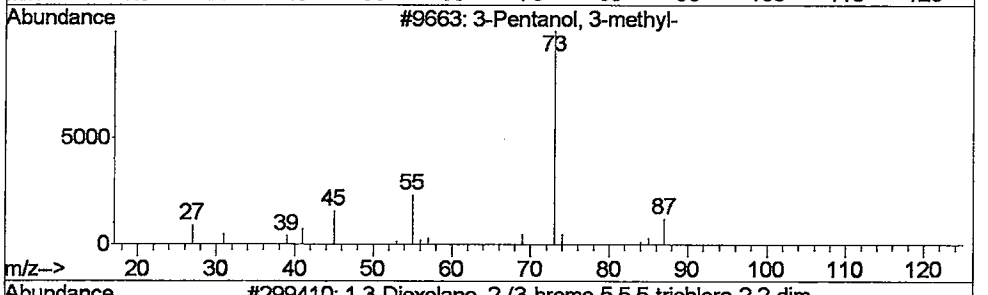
Peak Number 1 3-Pentanol, 3-methyl- Concentration Rank 6

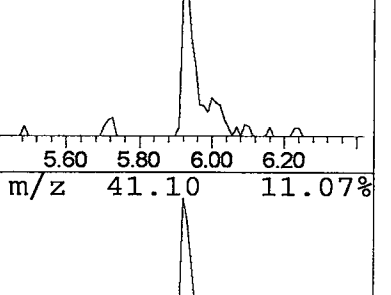
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.92	0.42 ug/L	180022	1,4-Dichlorobenzene-d4	9.72

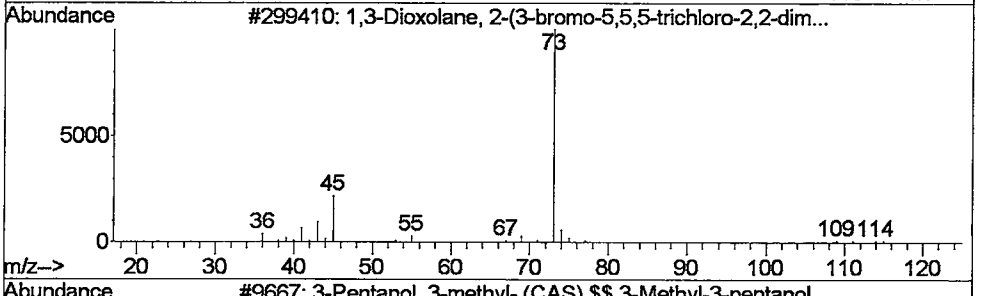
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	36
2	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	000000-00-0	25
3	3-Pentanol, 3-methyl- (CAS) $$ 3...	102	C6H14O	000077-74-7	25
4	N-Ethylformamide $$ N-Formylethy...	73	C3H7NO	000627-45-2	9

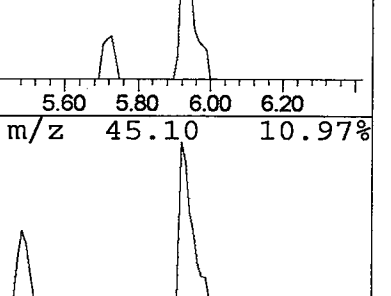


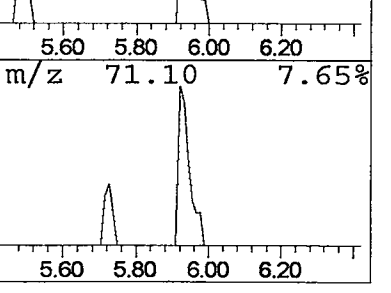


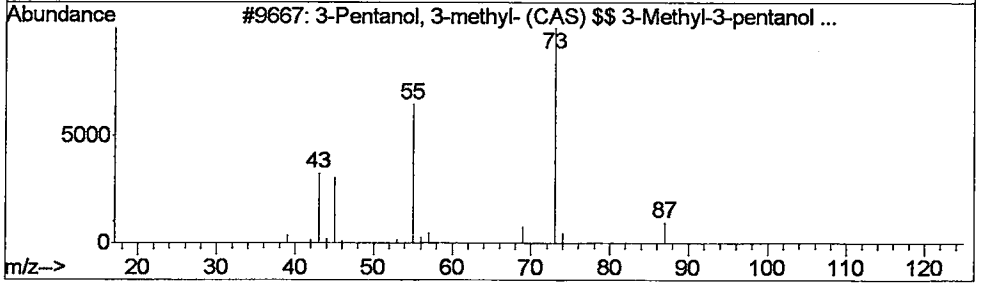












Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\30642.D Vial: 5
Acq On : 1 Feb 2002 1:54 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

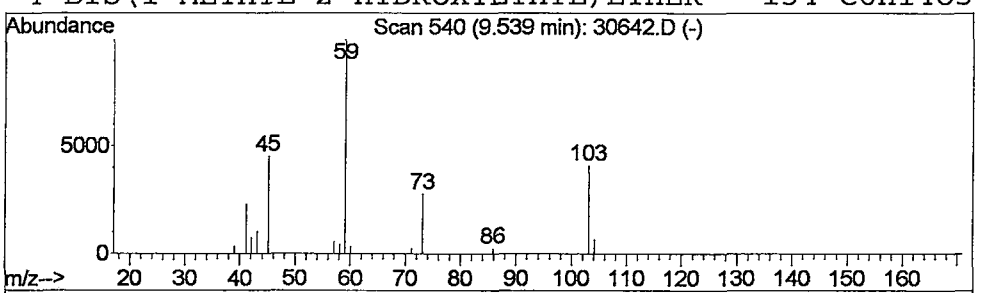
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

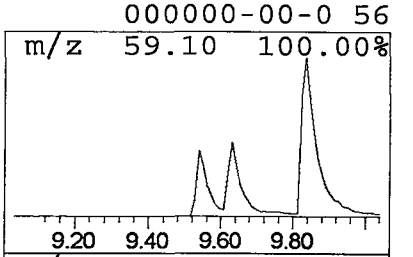
****

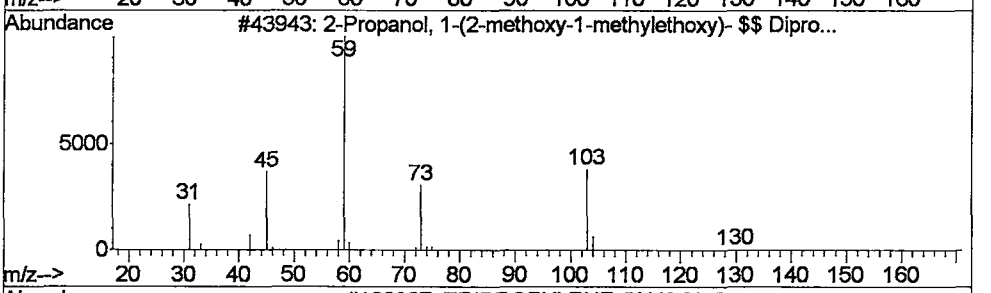
Peak Number 2 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 11

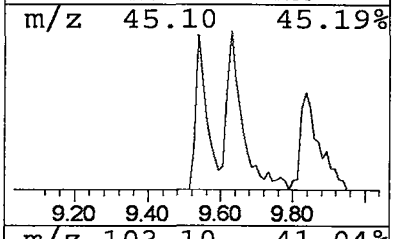
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	0.32 ug/L	136826	1,4-Dichlorobenzene-d4	9.72

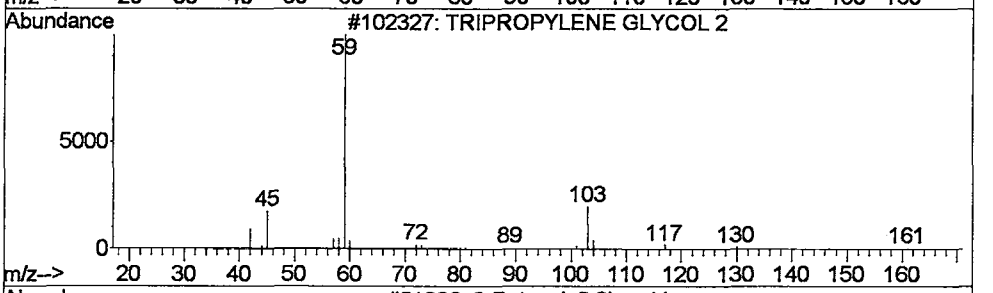
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	83
2	TRIPROPYLENE GLYCOL 2	192	C9H20O4	000000-00-0	59
3	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	56
4	BIS(1-METHYL-2-HYDROXYETHYL)ETHER	134	C6H14O3	000000-00-0	56

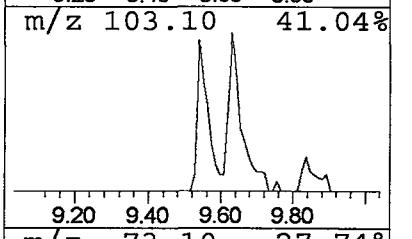


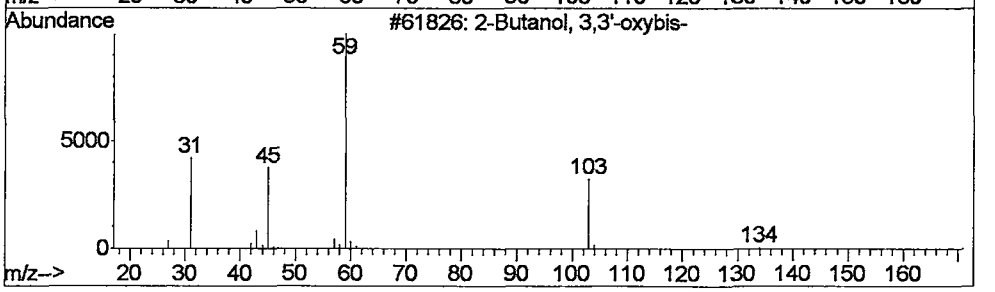


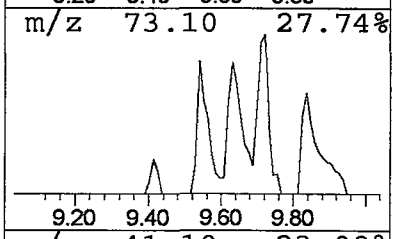


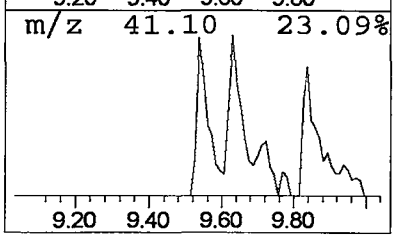












Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\30642.D Vial: 5
Acq On : 1 Feb 2002 1:54 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

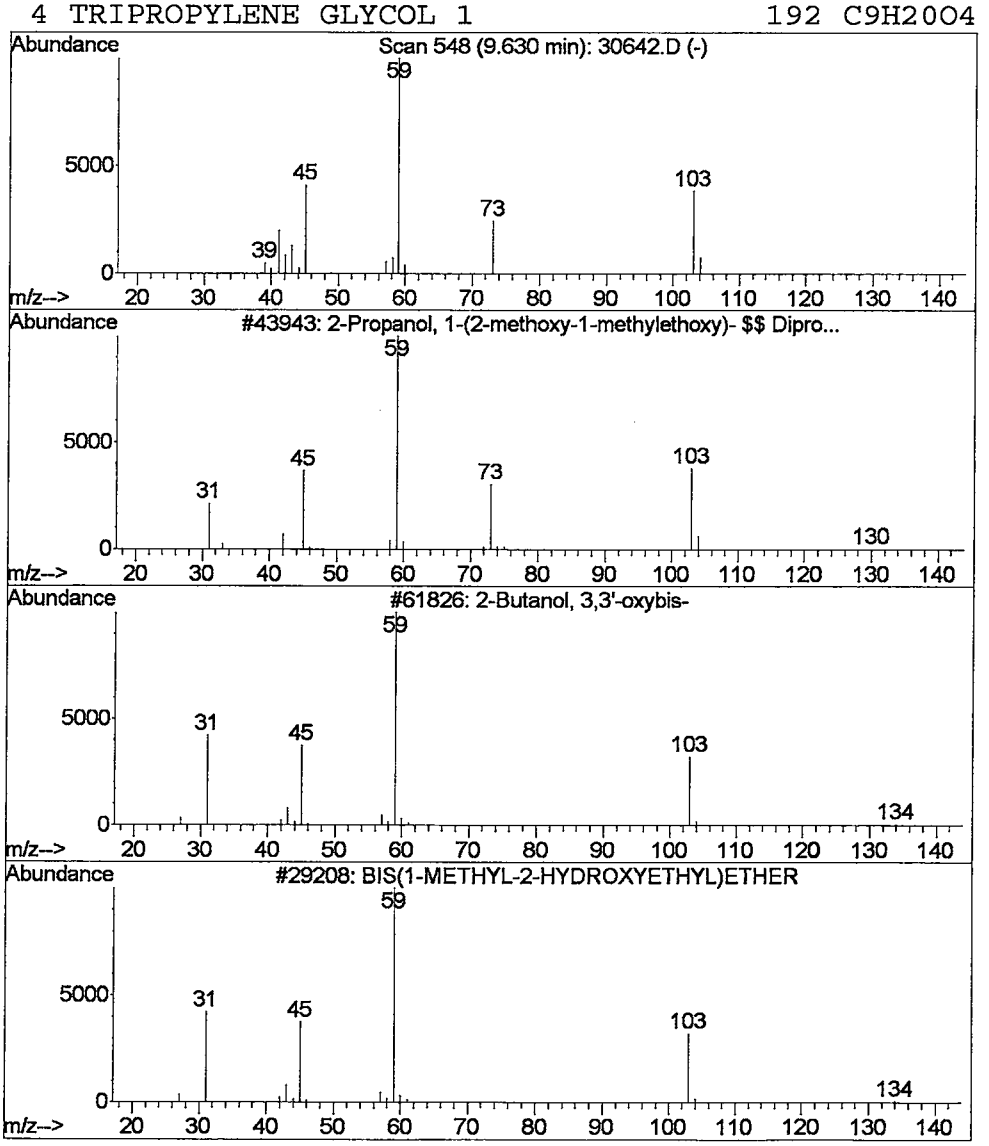
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

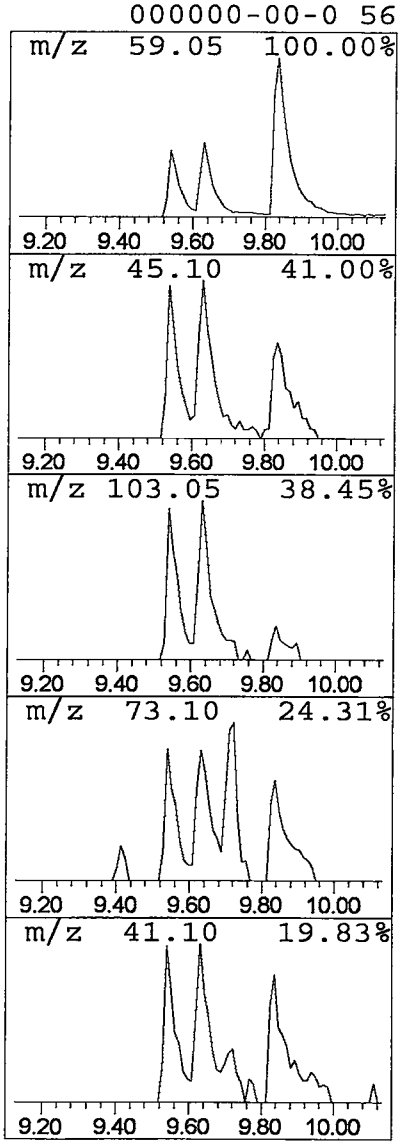
****

Peak Number 3 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	0.35 ug/L	151120	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	83
2	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	72
3	BIS(1-METHYL-2-HYDROXYETHYL)ETHER	134	C6H14O3	000000-00-0	72
4	TRIPROPYLENE GLYCOL 1	192	C9H20O4	000000-00-0	56





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\30642.D Vial: 5
Acq On : 1 Feb 2002 1:54 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

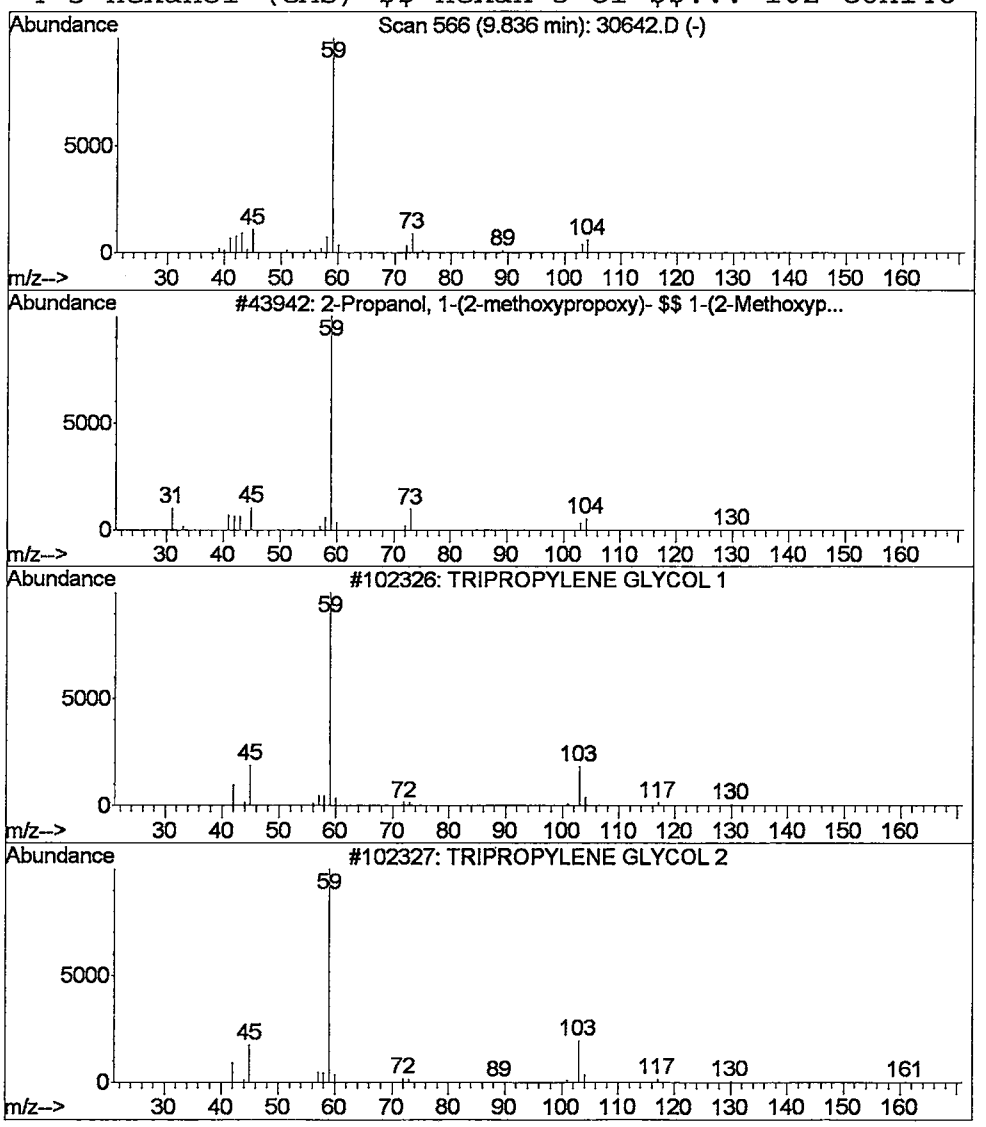
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

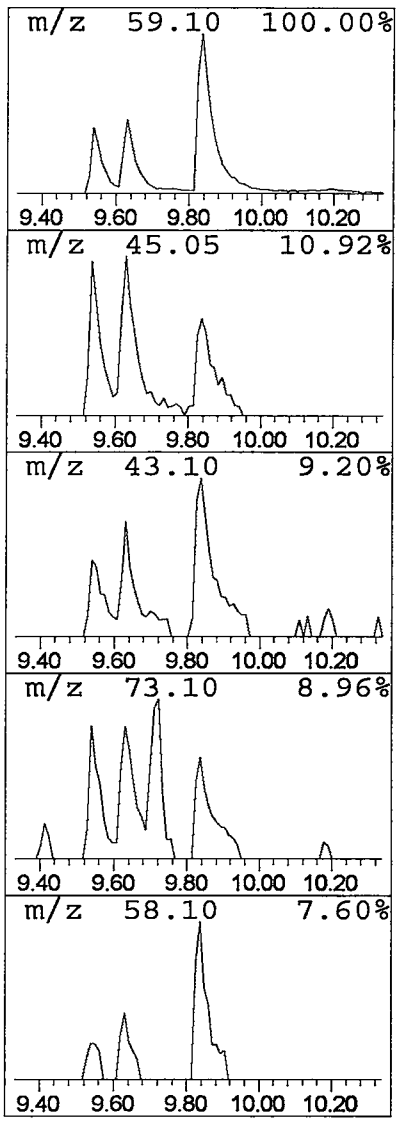
****

Peak Number 4 2-Propanol, 1-(2-methoxypro... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	0.73 ug/L	312948	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	TRIPROPYLENE GLYCOL 1	192	C9H20O4	000000-00-0	56
3	TRIPROPYLENE GLYCOL 2	192	C9H20O4	000000-00-0	56
4	3-Hexanol (CAS) $$ Hexan-3-ol $$...	102	C6H14O	000623-37-0	40





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\30642.D Vial: 5
Acq On : 1 Feb 2002 1:54 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

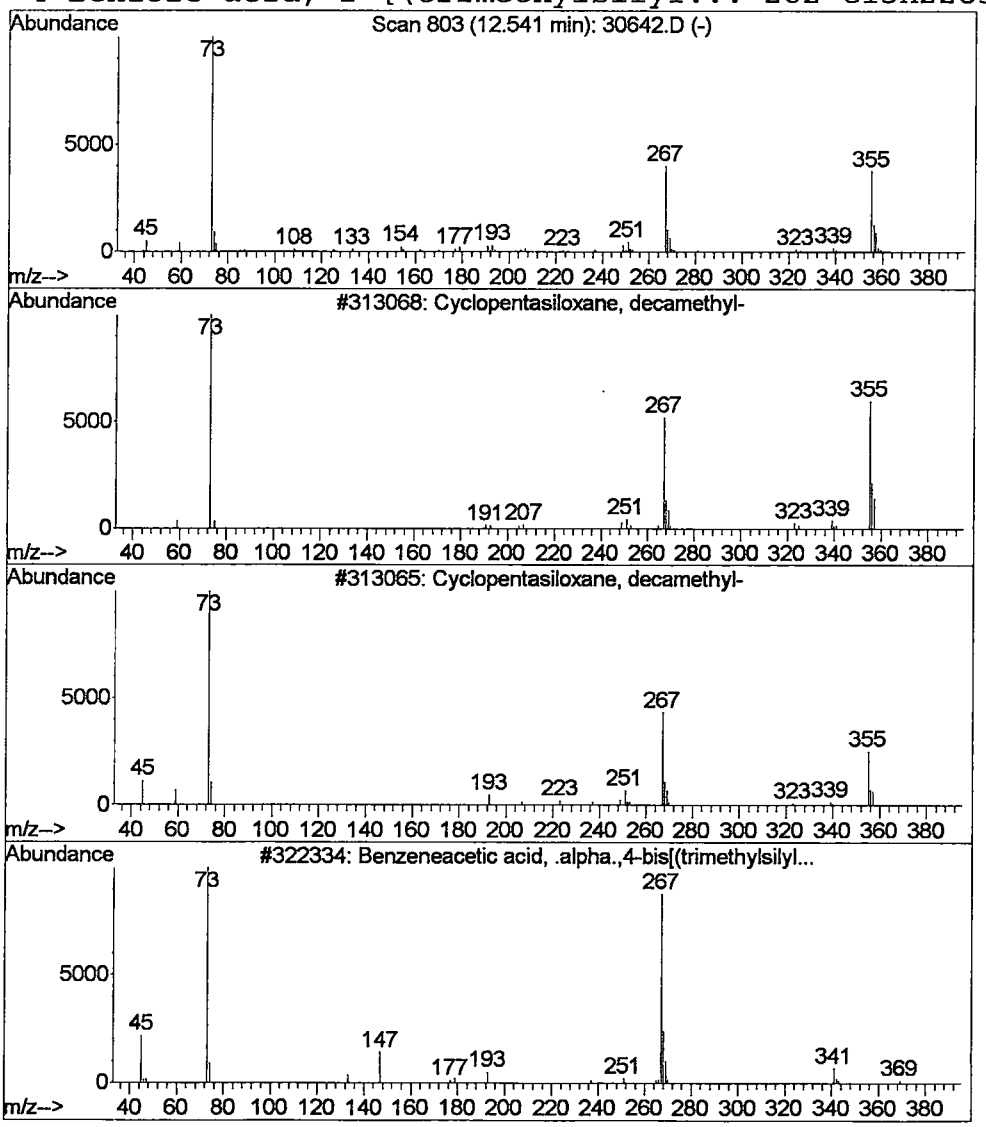
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

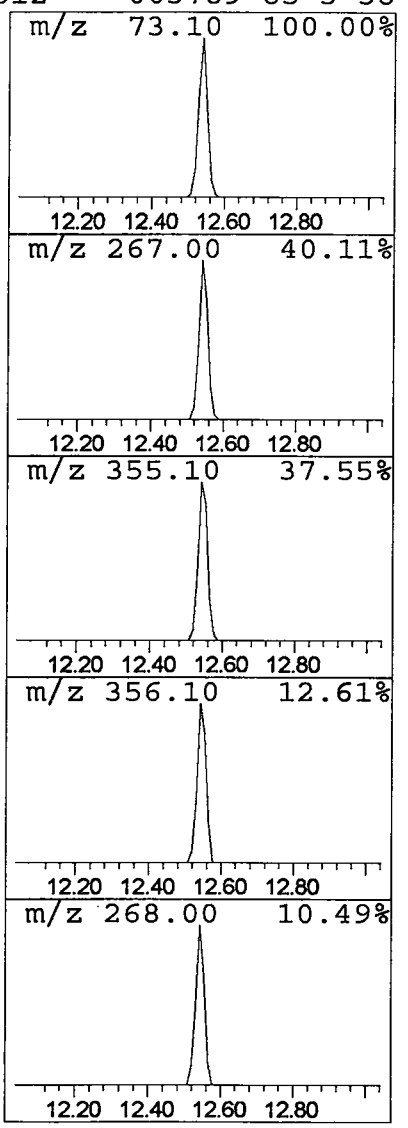
****

Peak Number 5 Cyclopentasiloxane, decamet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	0.64 ug/L	392975	Naphthalene-d8	13.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	58
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	47
3	Benzeneacetic acid, .alpha.,4-bi...	384	C17H32O4Si3	037148-64-4	47
4	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	38





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Acq On : 1 Feb 2002 1:54 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
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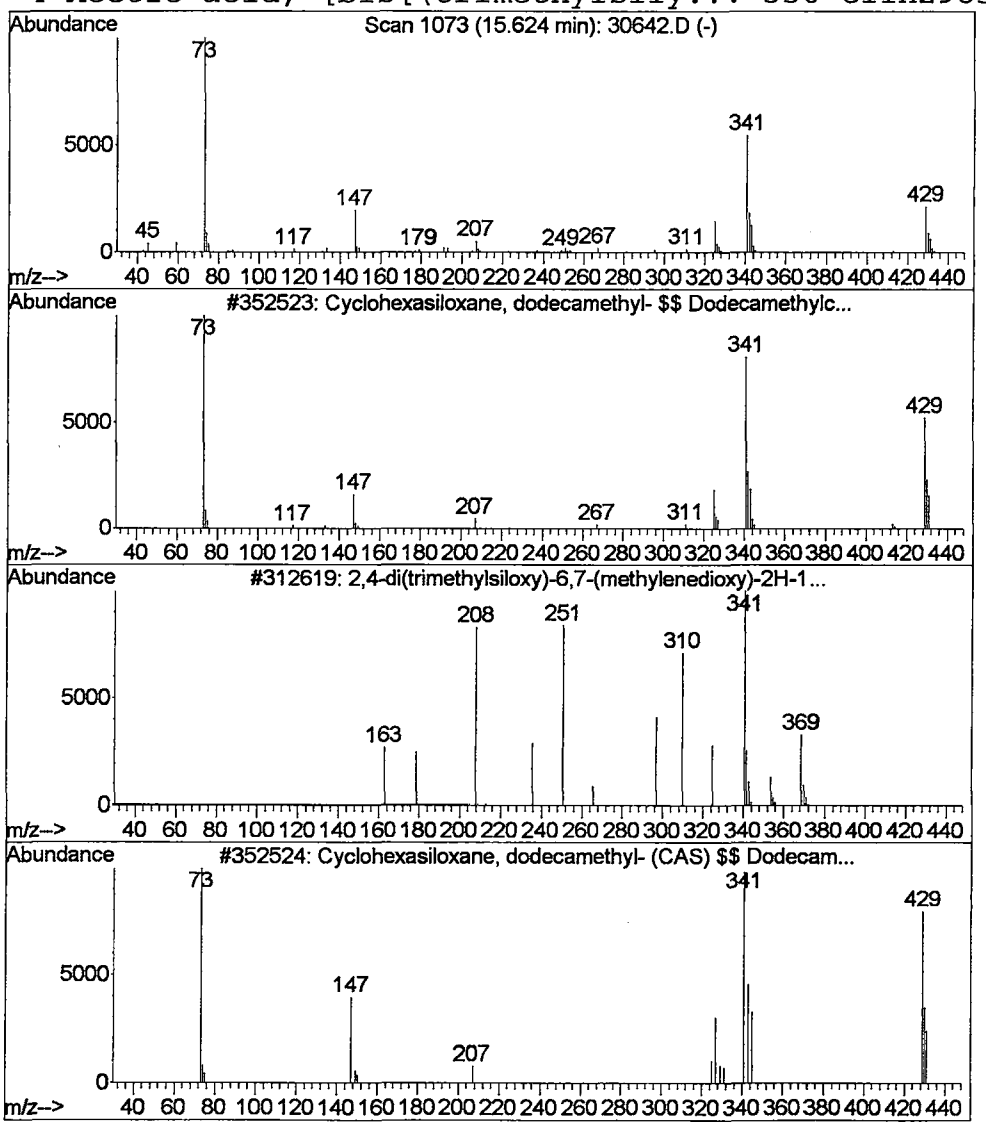
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

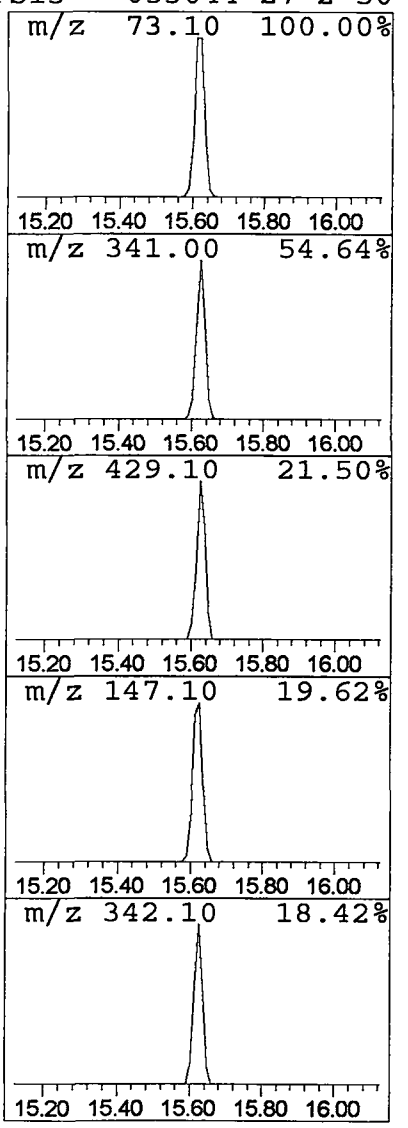
****

Peak Number 6 Cyclohexasiloxane, dodecame... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	0.98 ug/L	600272	Naphthalene-d8	13.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexasiloxane, dodecamethyl-...	444	C12H36O6Si6	000540-97-6	68
2	2,4-di(trimethylsiloxy)-6,7-(met...	369	C15H23NO6Si2	000000-00-0	53
3	Cyclohexasiloxane, dodecamethyl-...	444	C12H36O6Si6	000540-97-6	50
4	Acetic acid, [bis[(trimethylsily...	356	C11H29O5PSi3	053044-27-2	50





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Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

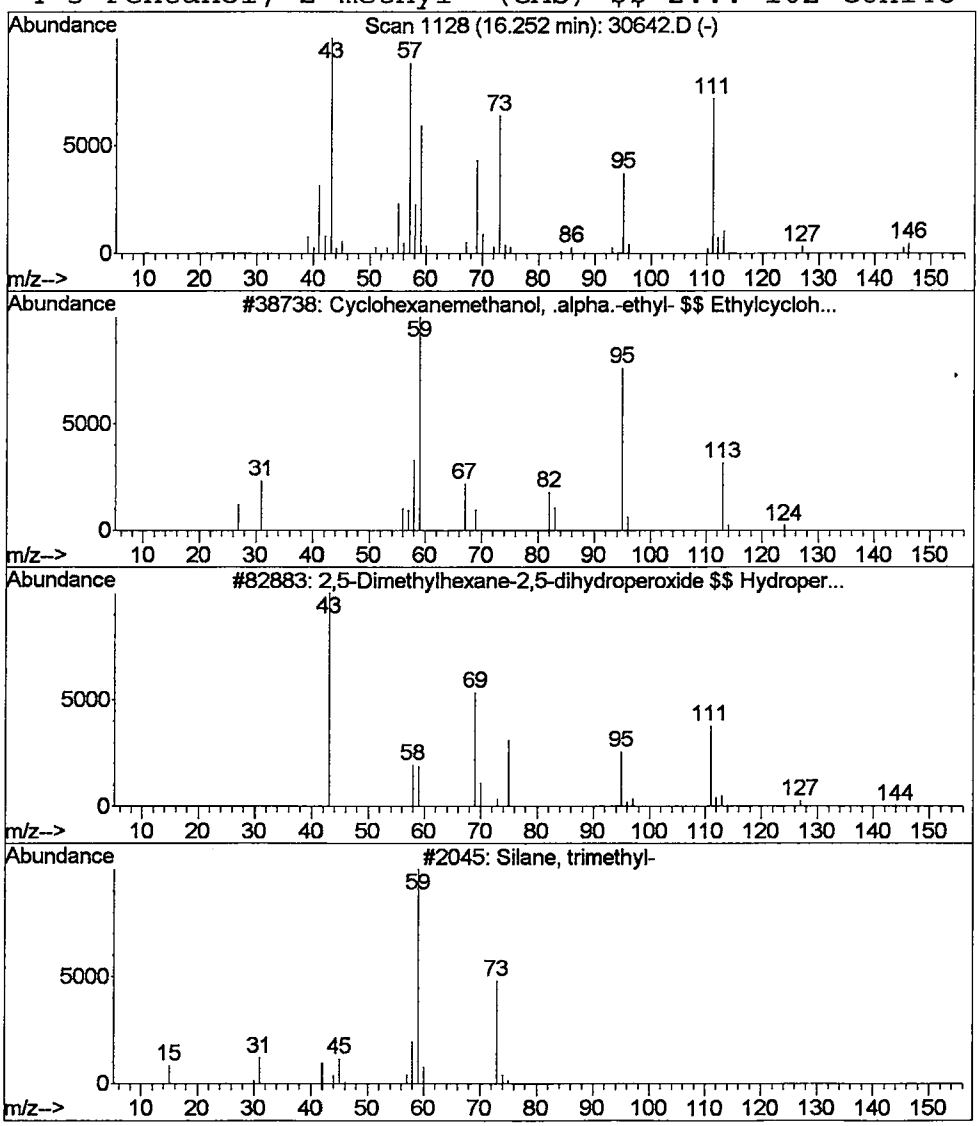
****

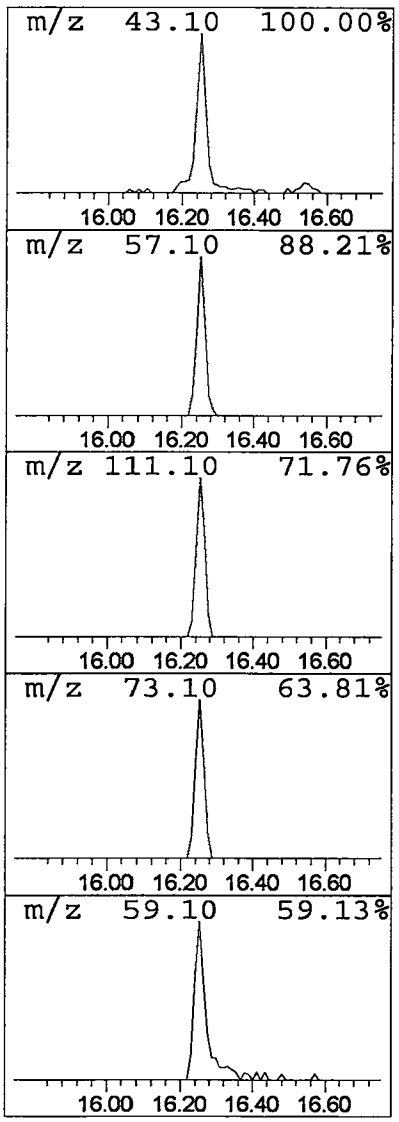
Peak Number 7 Cyclohexanemethanol, .alpha... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.25	0.37 ug/L	252942	Acenaphthene-d10	18.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, .alpha.-eth...	142	C9H18O	017264-02-7	43
2	2,5-Dimethylhexane-2,5-dihydrope...	178	C8H18O4	003025-88-5	37
3	Silane, trimethyl-	74	C3H10Si	000993-07-7	16
4	3-Pentanol, 2-methyl- (CAS) $$ 2...	102	C6H14O	000565-67-3	12

NO GOOD MATCH





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MS Integration Params: LSCINT.P

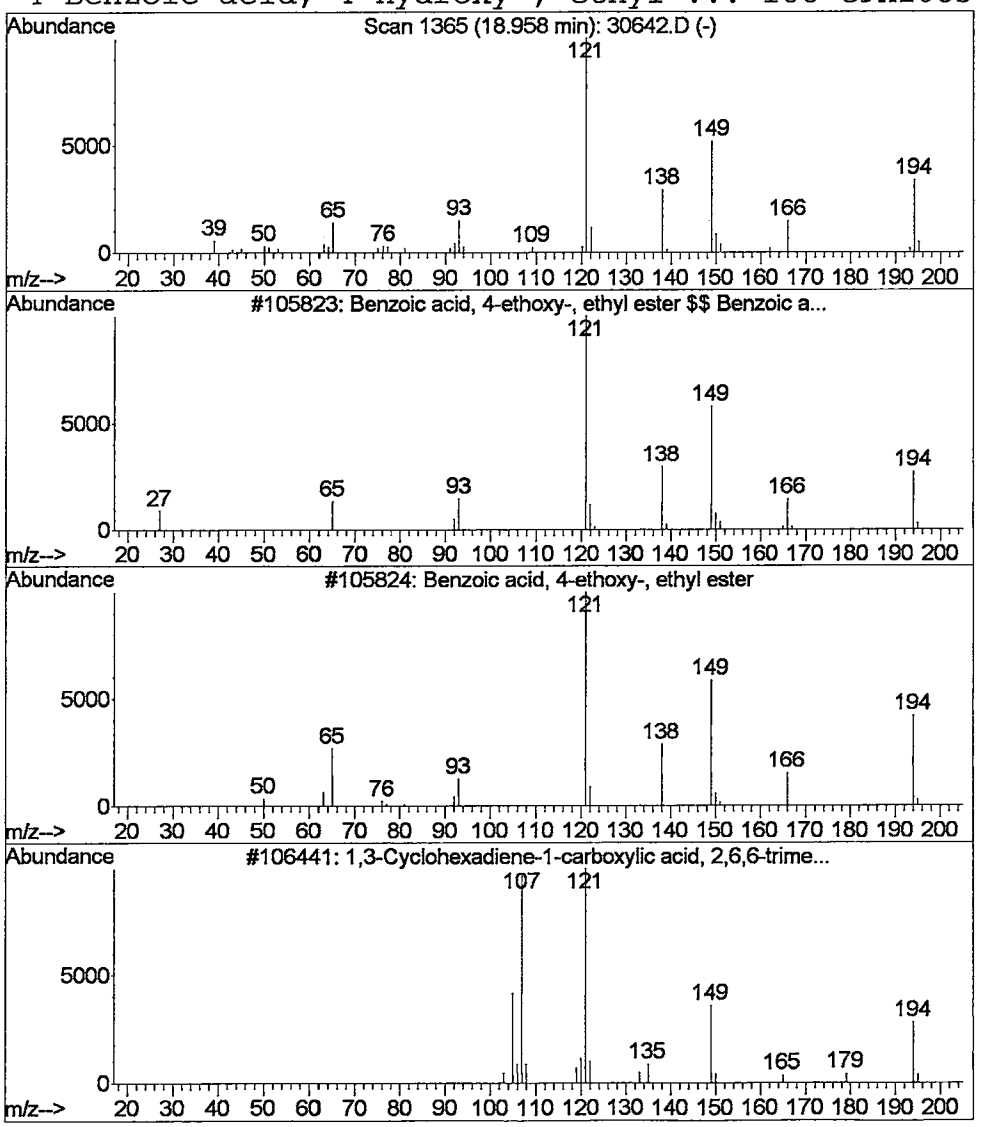
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

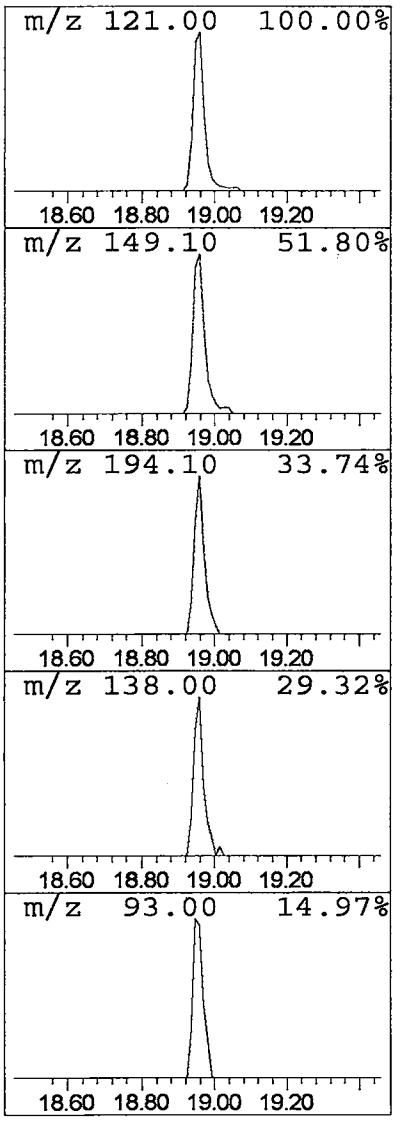
****

Peak Number 8 Benzoic acid, 4-ethoxy-, et... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	0.34 ug/L	229879	Acenaphthene-d10	18.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-ethoxy-, ethyl e...	194	C11H14O3	023676-09-7	97
2	Benzoic acid, 4-ethoxy-, ethyl e...	194	C11H14O3	023676-09-7	94
3	1,3-Cyclohexadiene-1-carboxylic ...	194	C12H18O2	035044-59-8	59
4	Benzoic acid, 4-hydroxy-, ethyl ...	166	C9H10O3	000120-47-8	47





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\30642.D Vial: 5
Acq On : 1 Feb 2002 1:54 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

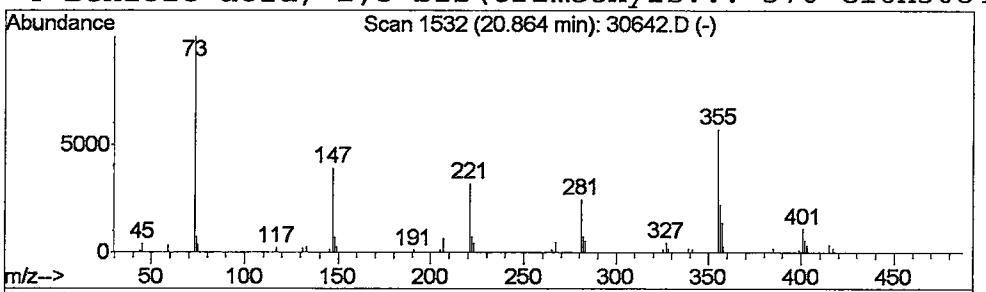
****

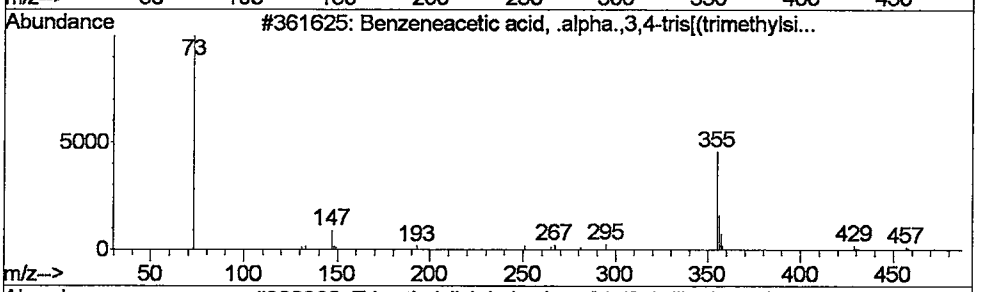
Peak Number 9 Benzeneacetic acid, .alpha.... Concentration Rank 4

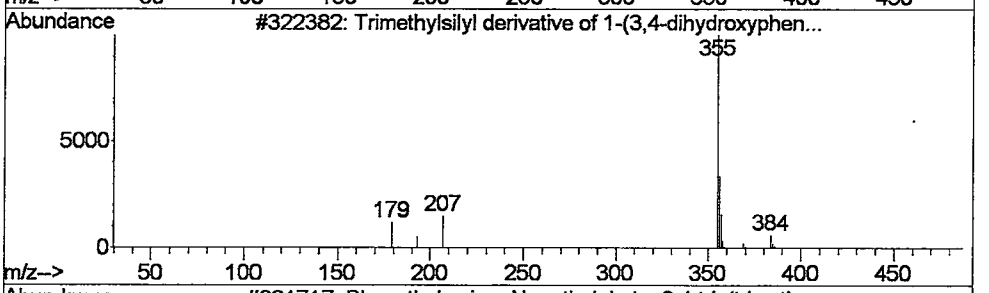
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	0.45 ug/L	315868	Phenanthrene-d10	22.65

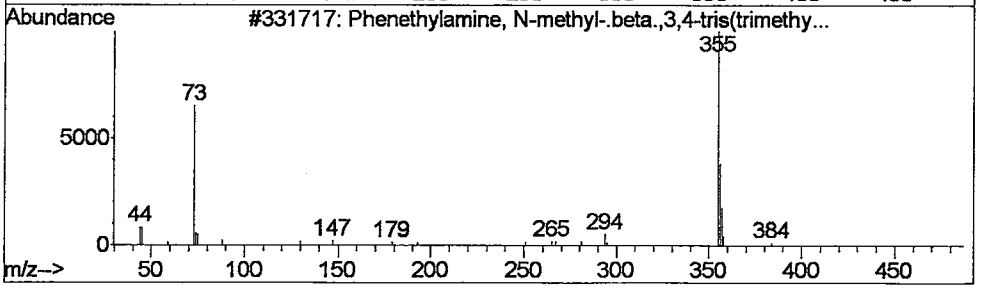
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid, .alpha.,3,4-...	472	C20H40O5Si4	037148-65-5	35
2	Trimethylsilyl derivative of 1-(...	384	C18H36O3Si3	000000-00-0	32
3	Phenethylamine, N-methyl-.beta.,...	399	C18H37NO3Si3	010538-85-9	27
4	Benzoic acid, 2,5-bis(trimethyls...	370	C16H30O4Si3	003618-20-0	27

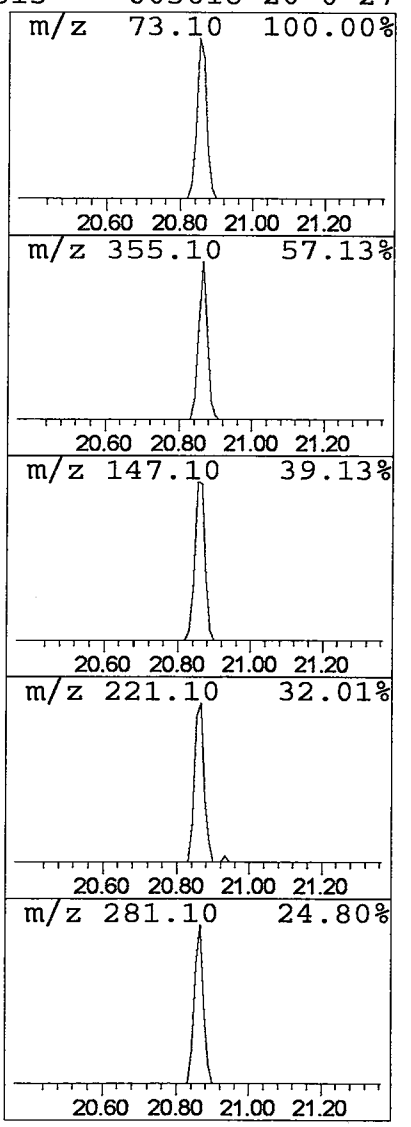
NO GOOD MATCH











Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\30642.D Vial: 5
Acq On : 1 Feb 2002 1:54 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

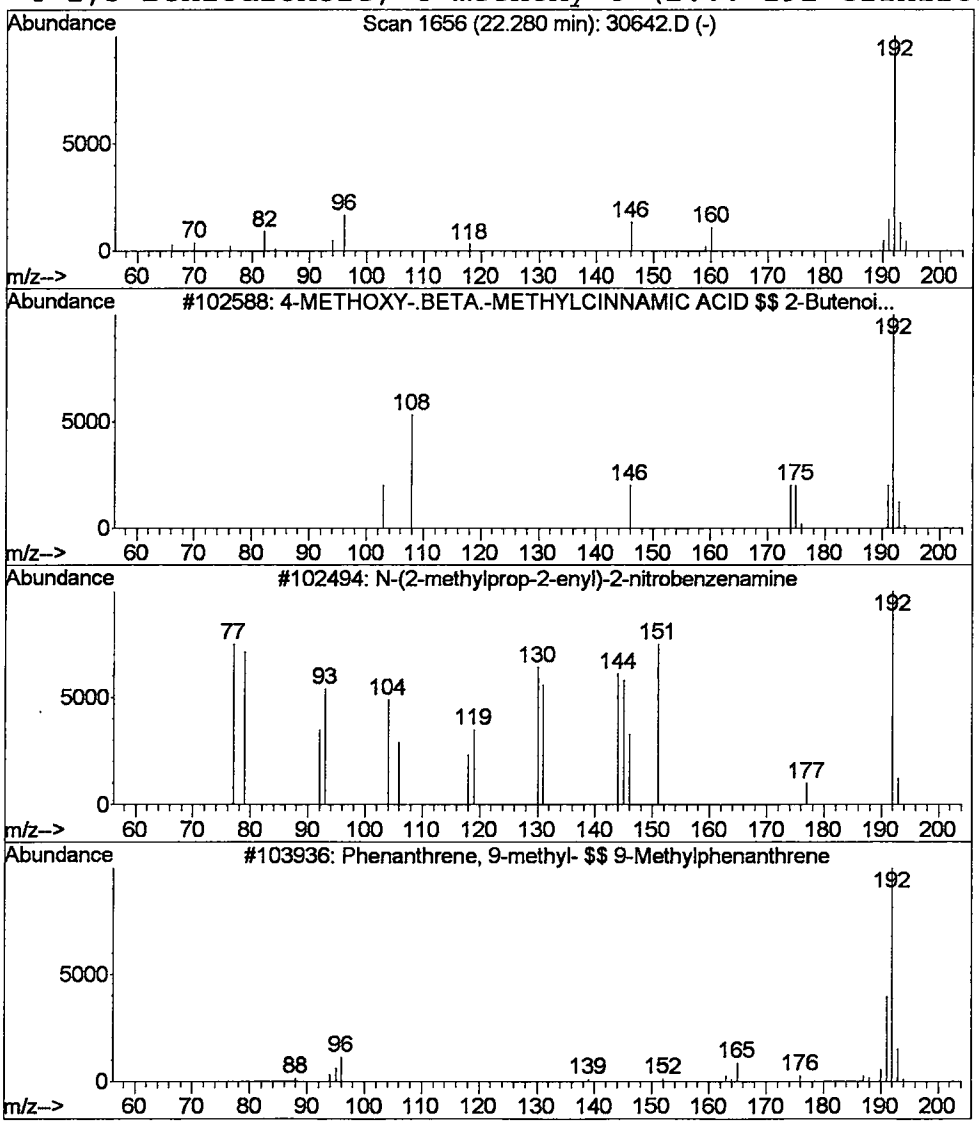
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

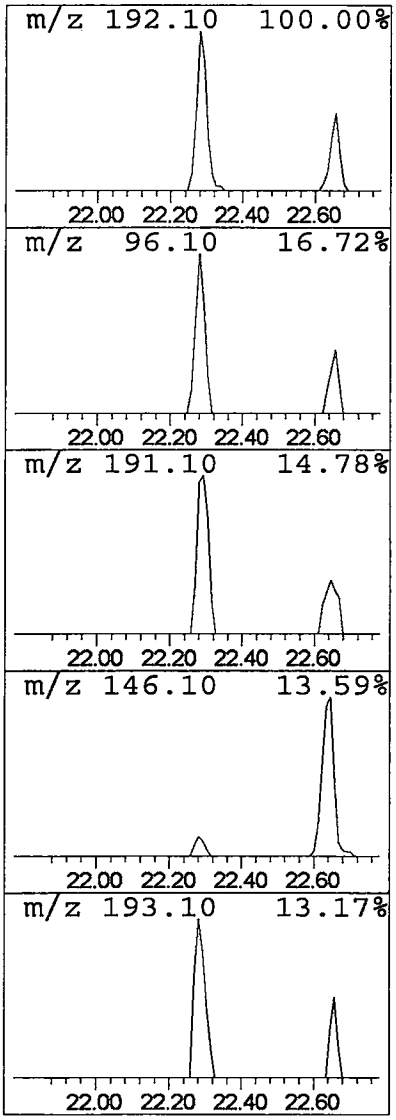
****

Peak Number 10 4-METHOXY-.BETA.-METHYLCINN... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.14 ug/L	95442	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-METHOXY-.BETA.-METHYLCINNAMIC ...	192	C11H12O3	019169-94-9	72
2	N-(2-methylprop-2-enyl)-2-nitrob...	192	C10H12N2O2	000000-00-0	43
3	Phenanthrene, 9-methyl- $$ 9-Met...	192	C15H12	000883-20-5	42
4	1,3-Benzodioxole, 4-methoxy-6-(2...	192	C11H12O3	000607-91-0	42





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\30642.D Vial: 5
Acq On : 1 Feb 2002 1:54 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

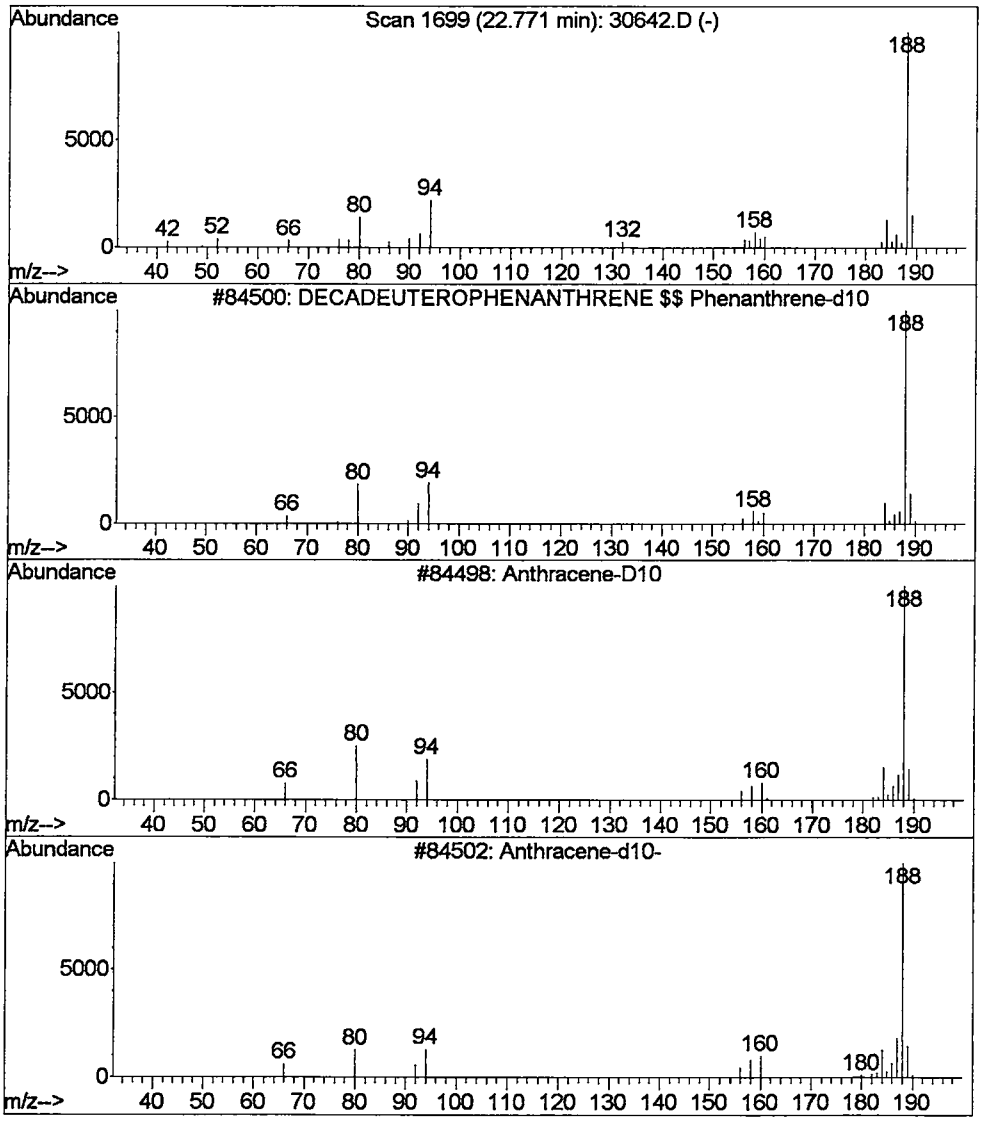
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

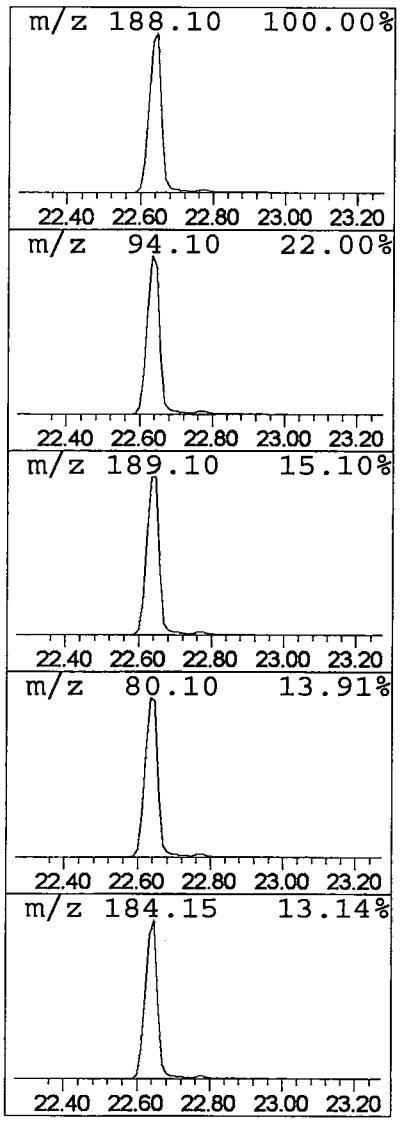
****

Peak Number 11 DECADEUTEROPHENANTHRENE $$ ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.44 ug/L	308107	Phenanthrene-d10	22.65

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	87
3	Anthracene-d10-	188	C14D10	001719-06-8	83
4	Phenanthrene-d10	188	C14D10	001517-22-2	74





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\30642.D Vial: 5
Acq On : 1 Feb 2002 1:54 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

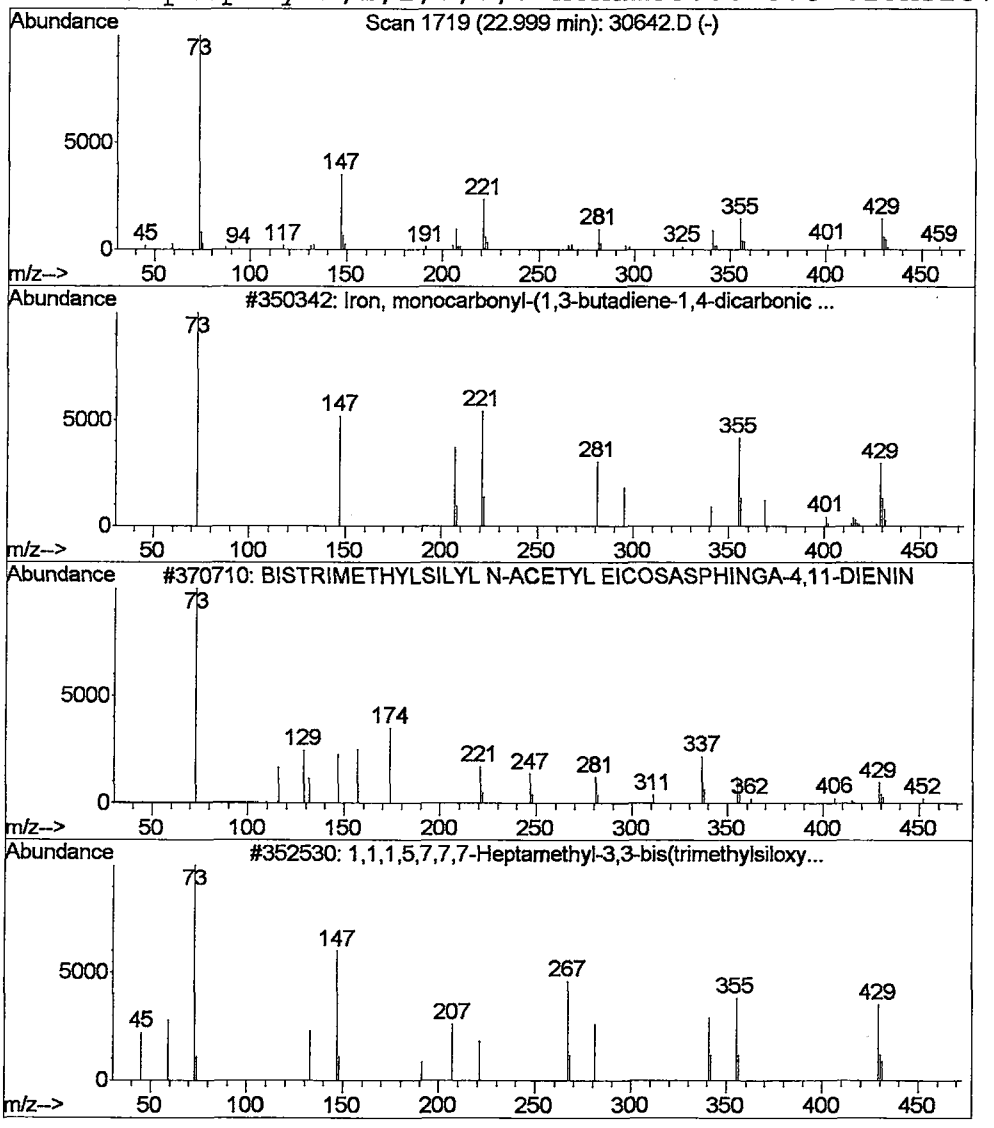
****

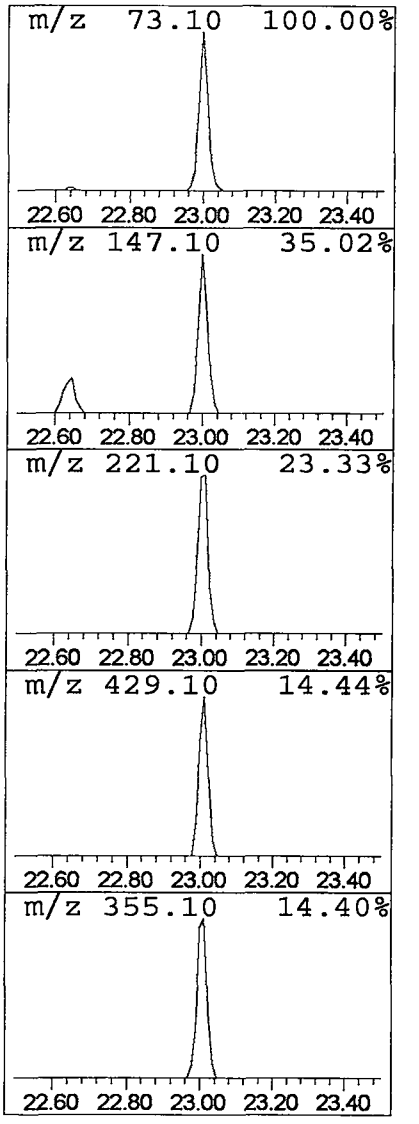
Peak Number 12 Iron, monocarbonyl-(1,3-but... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.00	0.40 ug/L	276885	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Iron, monocarbonyl-(1,3-butadien...	438	C21H22FeN2O5	109007-87-6	64
2	BISTRIMETHYLSILYL N-ACETYL EICOS...	511	C28H57NO3Si2	000000-00-0	53
3	1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	45
4	3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	43

NO GOOD MATCH





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\30642.D Vial: 5
Acq On : 1 Feb 2002 1:54 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

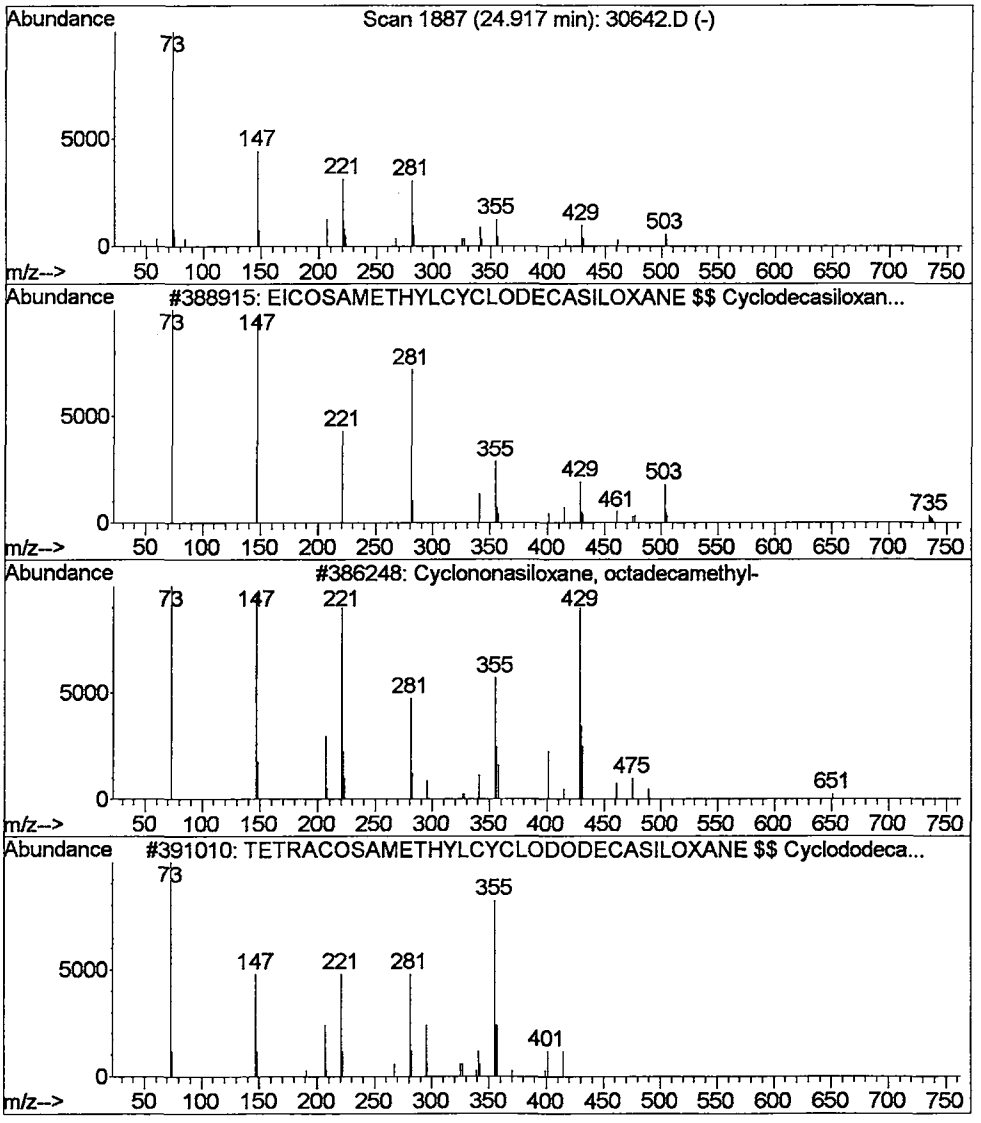
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

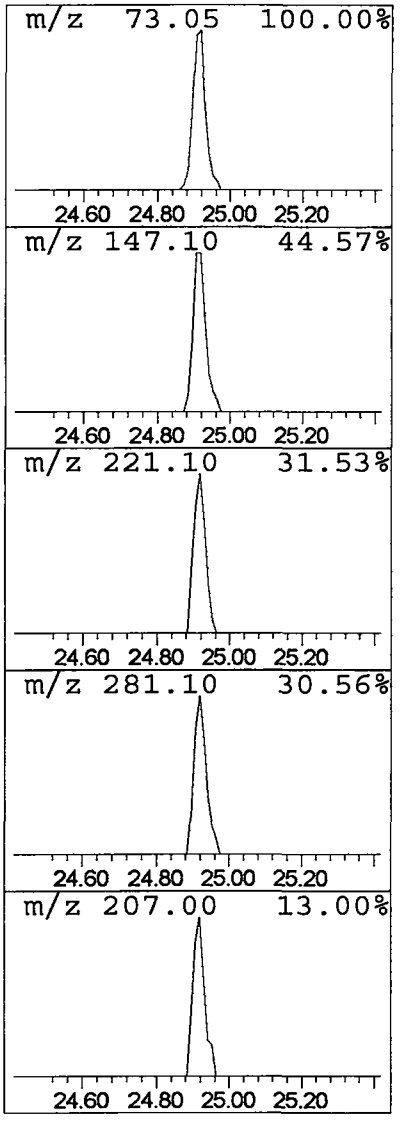
****

Peak Number 13 EICOSAMETHYLCYCLODECASILOXA... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.92	0.22 ug/L	152397	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	EICOSAMETHYLCYCLODECASILOXANE $$...	740	C20H60O10Si10	018772-36-6	72
2	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	64
3	TETRACOSAMETHYLCYCLODODECASILOXA...	888	C24H72O12Si12	018919-94-3	43
4	BISTRIMETHYLSILYL N-ACETYL EICOS...	511	C28H57NO3Si2	000000-00-0	43





Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 1 Feb 2002 1:54 pm
Data File: C:\MSDCHEM\1\5973N\02FEB01\30642.D
Name: 508 scan
Misc: February 1, 2002
Method: C:\MSDCHEM\1\METHODS\METHODS\SCAN508.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
3-Pentanol, 3-met...	5.92	0.4	ug/L	180022	1	9.72	8597470	20.0
2-Propanol, 1-(2-...	9.54	0.3	ug/L	136826	1	9.72	8597470	20.0
2-Propanol, 1-(2-...	9.63	0.4	ug/L	151120	1	9.72	8597470	20.0
2-Propanol, 1-(2-...	9.84	0.7	ug/L	312948	1	9.72	8597470	20.0
Cyclopentasiloxan...	12.54	0.6	ug/L	392975	2	13.19	12200900	20.0
Cyclohexasiloxane...	15.62	1.0	ug/L	600272	2	13.19	12200900	20.0
Cyclohexanemethan...	16.25	0.4	ug/L	252942	3	18.34	13579300	20.0
Benzoic acid, 4-e...	18.96	0.3	ug/L	229879	3	18.34	13579300	20.0
Benzeneacetic aci...	20.86	0.5	ug/L	315868	4	22.65	13972200	20.0
4-METHOXY-.BETA.-...	22.28	0.1	ug/L	95442	4	22.65	13972200	20.0
DECADEUTEROPHENAN...	22.77	0.4	ug/L	308107	4	22.65	13972200	20.0
Iron, monocarbony...	23.00	0.4	ug/L	276885	4	22.65	13972200	20.0
EICOSAMETHYLCYCLO...	24.92	0.2	ug/L	152397	4	22.65	13972200	20.0

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/11/2002 Time: 16:47:18

Sample: AD31219
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/11/02 16:46 Ended: 2/11/02 16:46 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	[illegible]	[illegible]	[illegible]		[illegible]

Comments for Sample AD31219 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-11-2002 Time: 16:47:33

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 13 of the 43 compounds in the LCS Standard were above their acceptance ranges. This sample is the Field Blank.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB01\31219.D Vial: 5
Acq On : 1 Feb 2002 6:03 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 04 08:34:25 2002 Quant Results File: SCAN508.RES

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Fri Jan 11 13:20:07 2002
Response via : Initial Calibration
DataAcq Meth : SCAN508

NEEDS TO BE RE-EXTRACTED FB

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.72	152	1386400	20.00	ug/L	0.00
10) Naphthalene-d8	13.19	136	5847202	20.00	ug/L	-0.02
17) Acenaphthene-d10	18.34	164	3072398	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.63	188	5058077	20.00	ug/L	-0.03
38) Chrysene-d12	30.50	240	4331599	20.00	ug/L	-0.01
44) Perylene-d12	34.42	264	3121515	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD	27.73	235	197781	2.47	ug/L	0.00
Spiked Amount 5.000			Recovery = 49.40%			
Target Compounds						Qvalue

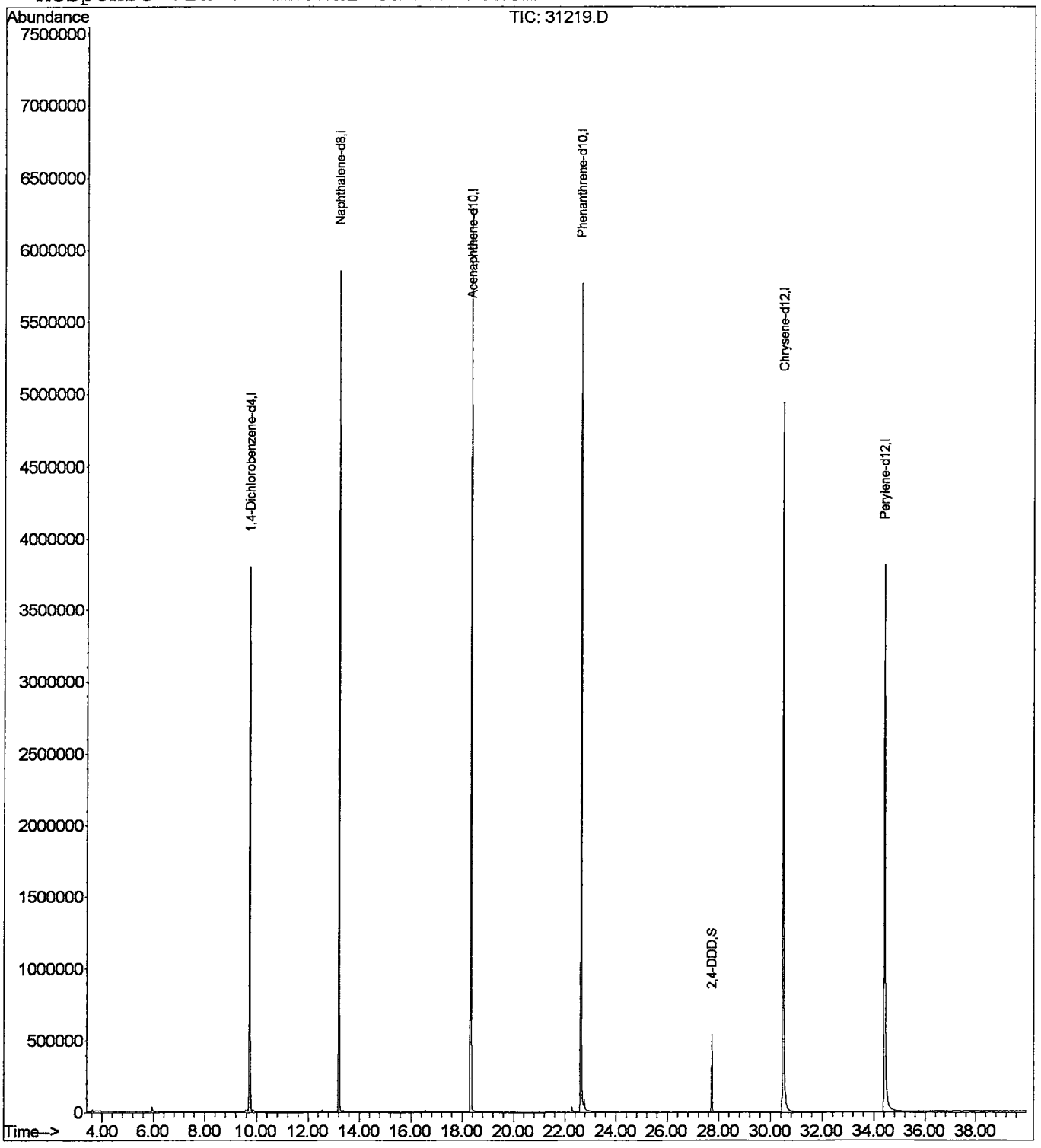
FB

(#) = qualifier out of range (m) = manual integration
31219.D SCAN508.M Mon Feb 04 10:14:56 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB01\31219.D Vial: 5
Acq On : 1 Feb 2002 6:03 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 4 9:41 2002 Quant Results File: SCAN508.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Fri Jan 11 13:20:07 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\31219.D Vial: 5
Acq On : 1 Feb 2002 6:03 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.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

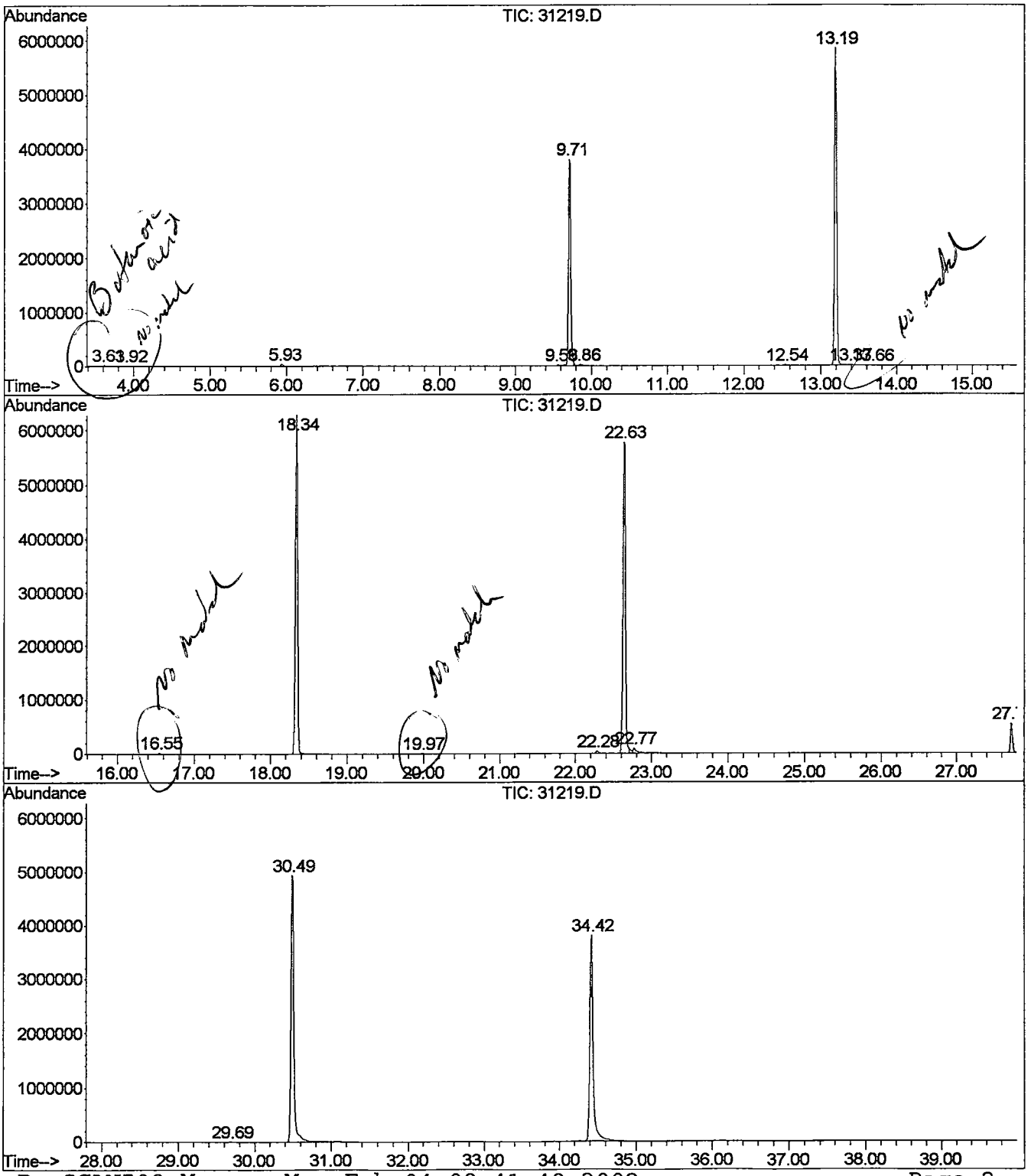
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.613	19	21	25	rBV	20674	30643	0.23%	0.044%
2	3.922	45	48	55	rVB3	9180	17654	0.13%	0.025%
3	5.931	221	224	241	rVB	35224	92925	0.70%	0.133%
4	9.562	539	542	547	rBV3	14146	34347	0.26%	0.049%
5	9.710	551	555	561	rVV	3802336	7865756	59.19%	11.234%
6	9.858	565	568	579	rVB	19308	58501	0.44%	0.084%
7	12.541	799	803	811	rVB	14053	24492	0.18%	0.035%
8	13.192	855	860	865	rBV	5858163	11224337	84.46%	16.031%
9	13.375	873	876	885	rVB	10854	25109	0.19%	0.036%
10	13.660	897	901	911	rVB3	2649	12901	0.10%	0.018%
11	16.549	1151	1154	1159	rVV	17236	30432	0.23%	0.043%
12	18.341	1305	1311	1315	rBV	6289325	12369291	93.07%	17.667%
13	19.974	1449	1454	1459	rVV2	5787	13554	0.10%	0.019%
14	22.280	1651	1656	1661	rBV	39599	84534	0.64%	0.121%
15	22.634	1681	1687	1693	rBV2	5771258	13289837	100.00%	18.981%
16	22.771	1697	1699	1721	rVB	85534	293683	2.21%	0.419%
17	27.726	2129	2133	2139	rVV	540963	957057	7.20%	1.367%
18	29.690	2301	2305	2311	rVB2	5064	18574	0.14%	0.027%
19	30.489	2369	2375	2413	rBV	4939685	12970740	97.60%	18.526%
20	34.416	2713	2719	2753	rBV	3812301	10600550	79.76%	15.140%

Sum of corrected areas: 70014917

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02FEB01\31219.D
Operator :
Acquired : 1 Feb 2002 6:03 pm using AcqMethod SCAN508
Instrument : Instrumen
Sample Name: 508 scan
Misc Info : February 1, 2002
Vial Number: 5
Quant File :SCAN508.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\31219.D Vial: 5
Acq On : 1 Feb 2002 6:03 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

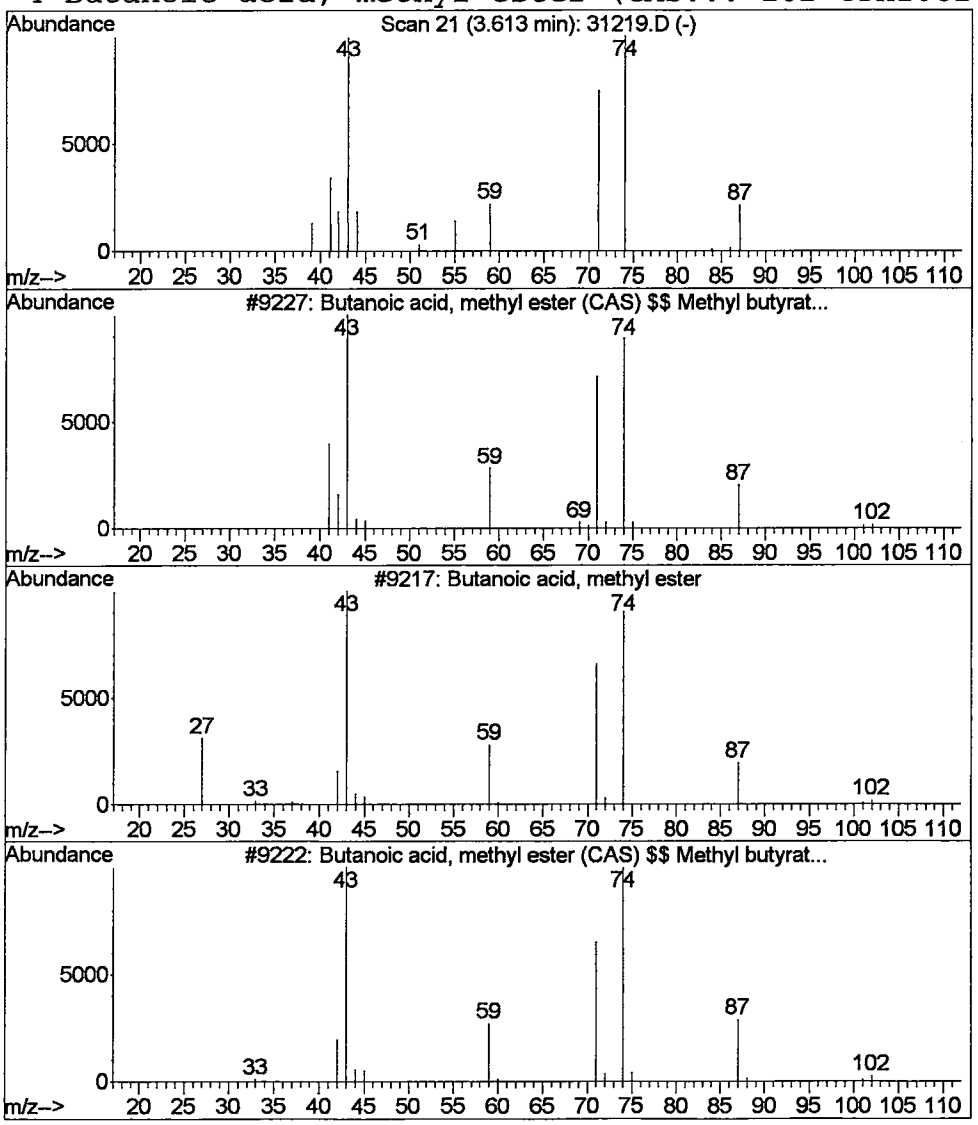
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

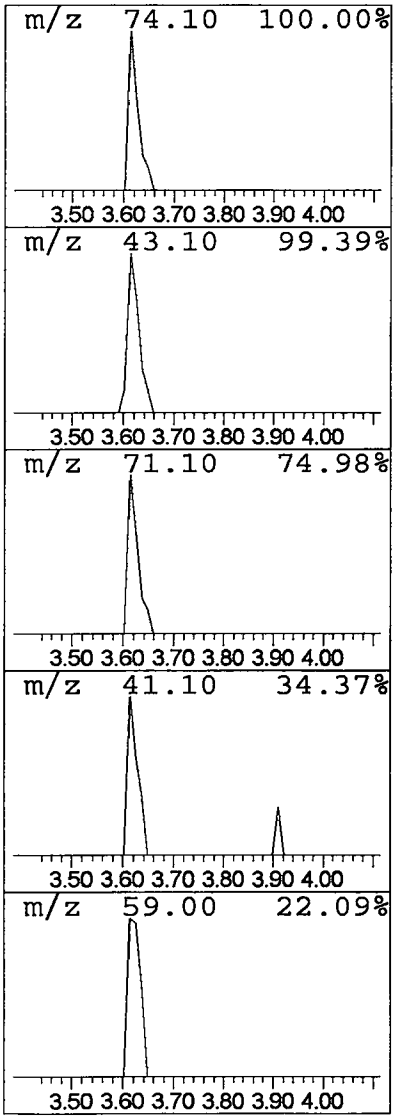
****

Peak Number 1 Butanoic acid, methyl ester... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.61	0.08 ug/L	30643	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	74
3	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	74
4	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	74





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\31219.D Vial: 5
Acq On : 1 Feb 2002 6:03 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

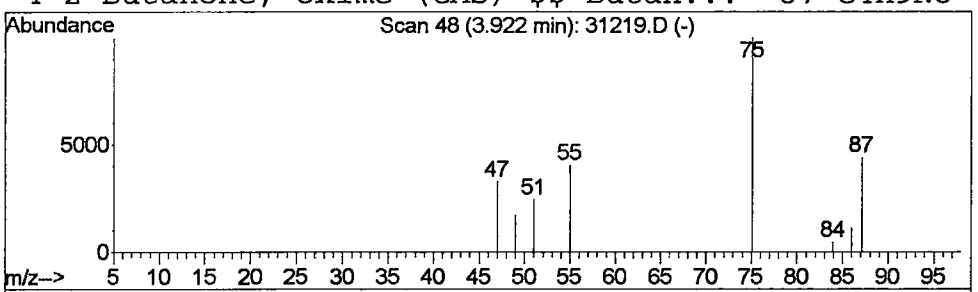
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

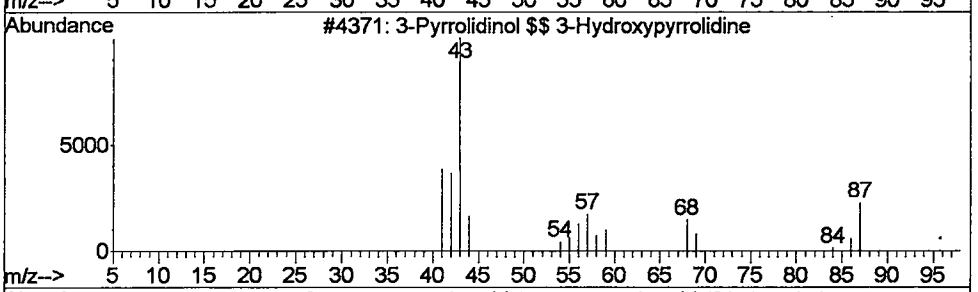
****

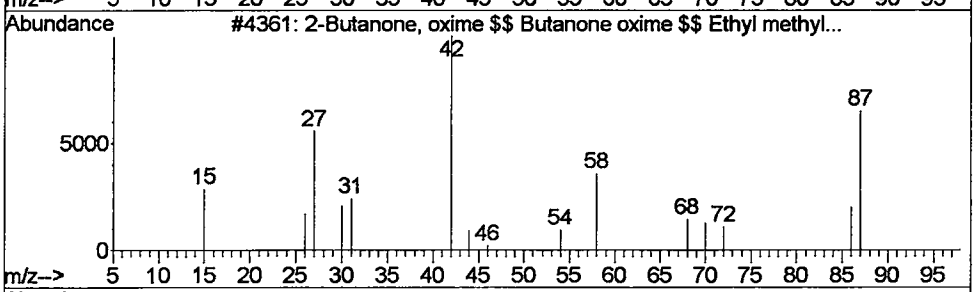
Peak Number 2 3-Pyrrolidinol $$ 3-Hydroxy... Concentration Rank 8

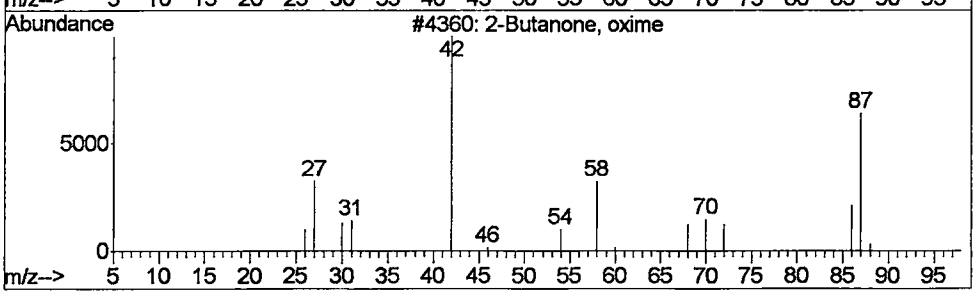
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.92	0.04 ug/L	17654	1,4-Dichlorobenzene-d4	9.72

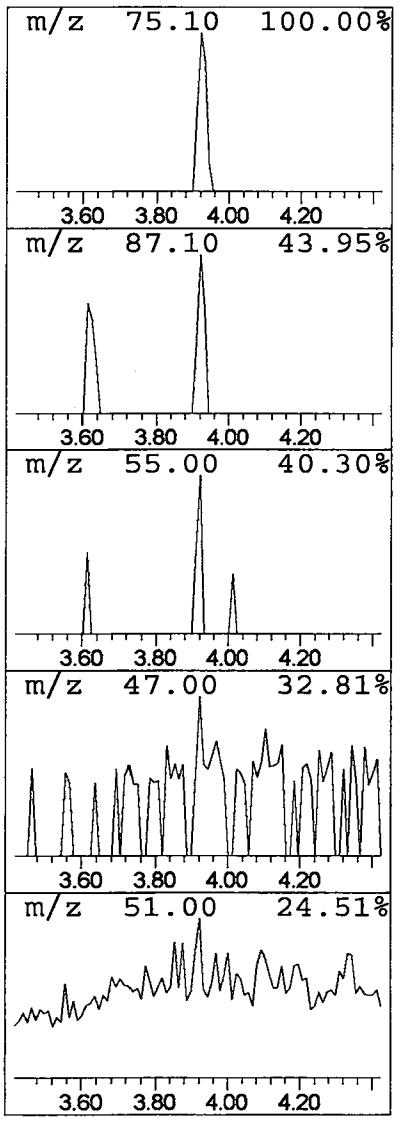
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pyrrolidinol $$ 3-Hydroxypyrro...	87	C4H9NO	040499-83-0	5
2	2-Butanone, oxime $$ Butanone ox...	87	C4H9NO	000096-29-7	4
3	2-Butanone, oxime	87	C4H9NO	000096-29-7	4
4	2-Butanone, oxime (CAS) $$ Butan...	87	C4H9NO	000096-29-7	4











Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\31219.D Vial: 5
Acq On : 1 Feb 2002 6:03 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

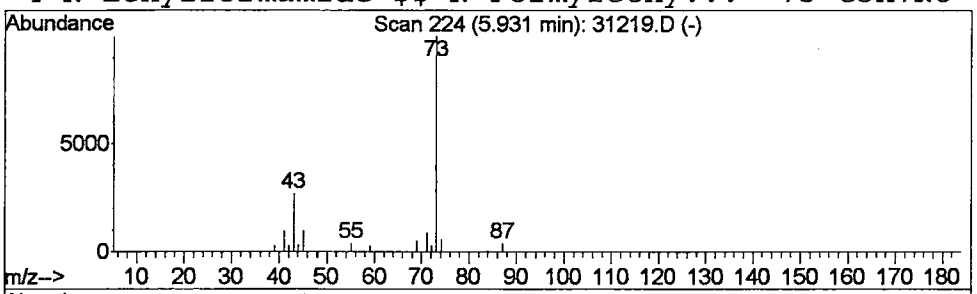
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

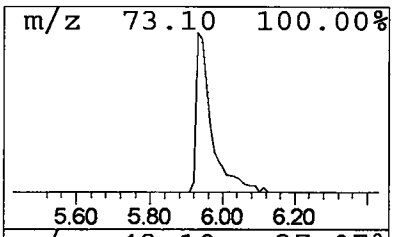
****

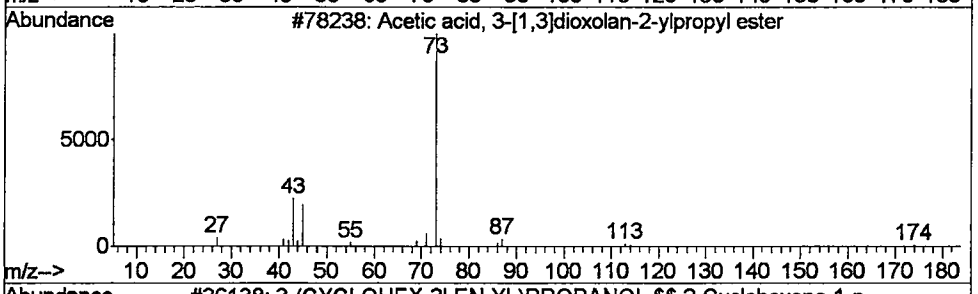
Peak Number 3 Acetic acid, 3-[1,3]dioxola... Concentration Rank 2

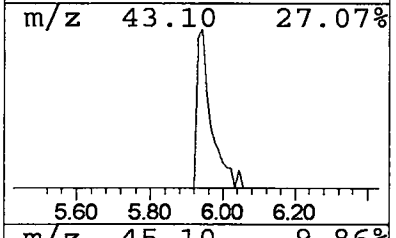
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	0.24 ug/L	92925	1,4-Dichlorobenzene-d4	9.72

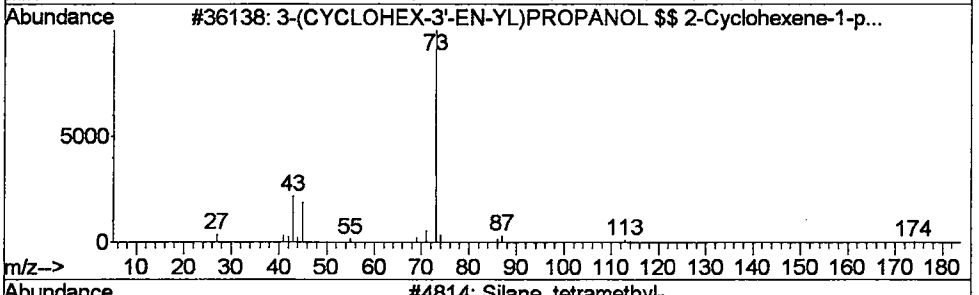
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	33
2	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	33
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	28
4	N-Ethylformamide $$ N-Formylethy...	73	C3H7NO	000627-45-2	9

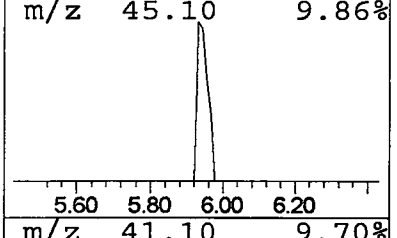


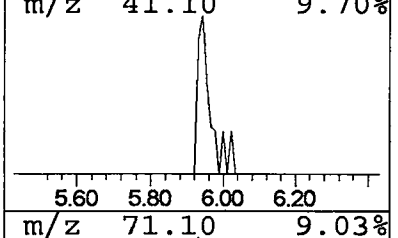


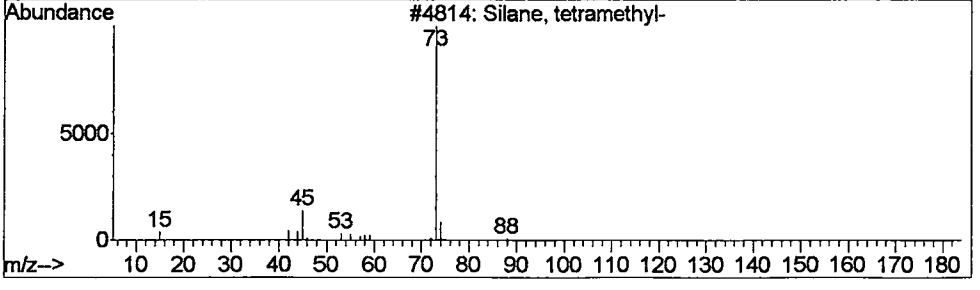


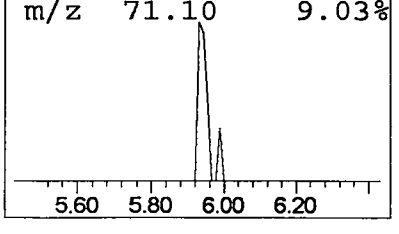












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Acq On : 1 Feb 2002 6:03 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

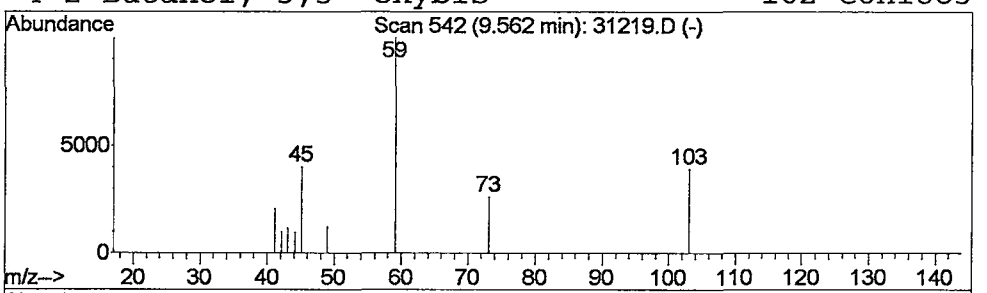
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

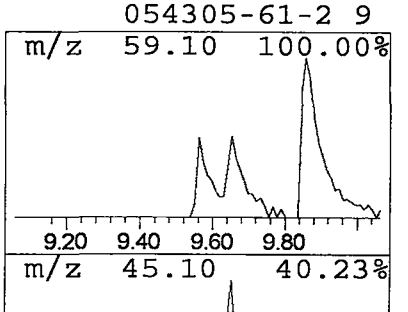
****

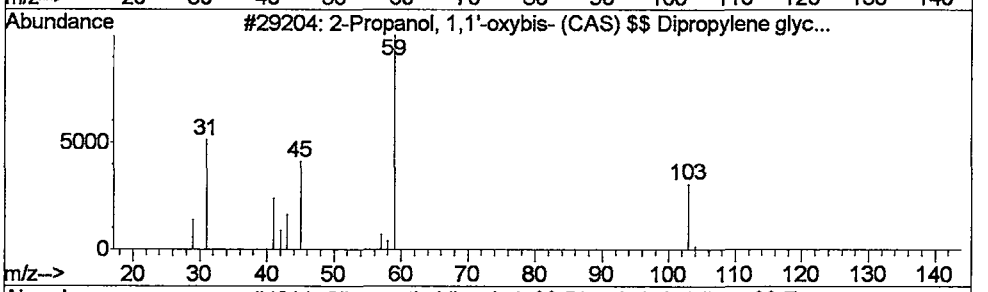
Peak Number 4 2-Propanol, 1,1'-oxybis- (C... Concentration Rank 5

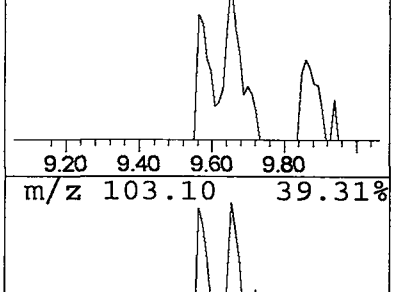
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	0.09 ug/L	34347	1,4-Dichlorobenzene-d4	9.72

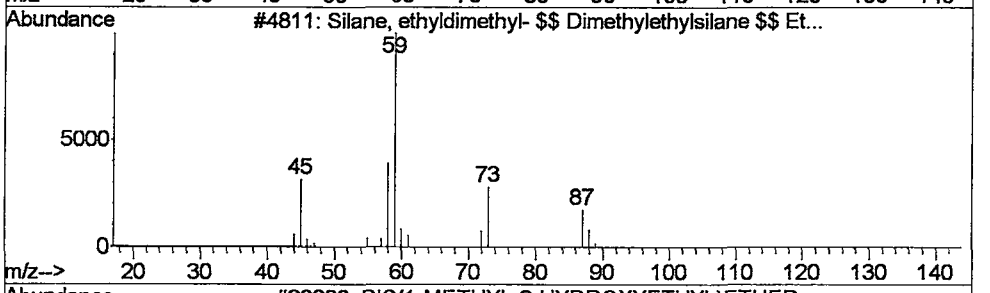
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1,1'-oxybis- (CAS) $...	134	C6H14O3	000110-98-5	9
2	Silane, ethyldimethyl- $$ Dimeth...	88	C4H12Si	000758-21-4	9
3	BIS(1-METHYL-2-HYDROXYETHYL)ETHER	134	C6H14O3	000000-00-0	9
4	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	9

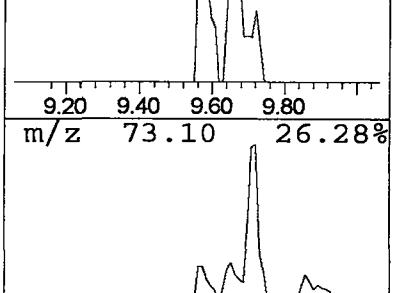


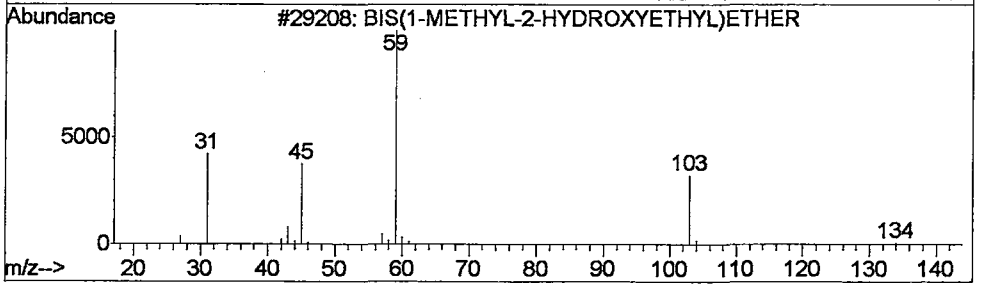


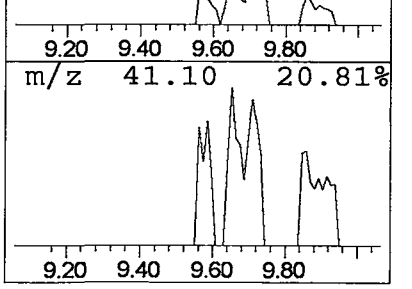












Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\31219.D Vial: 5
Acq On : 1 Feb 2002 6:03 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

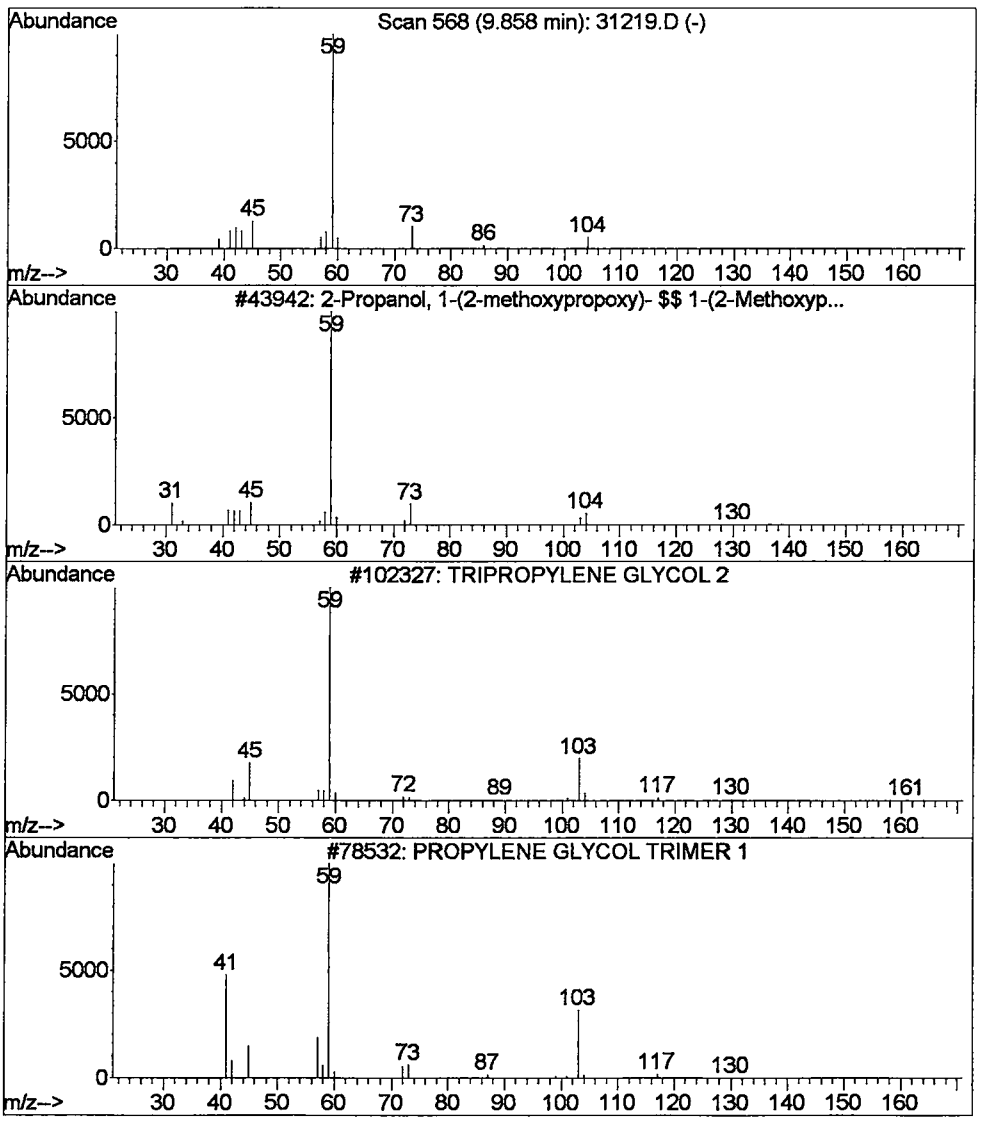
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

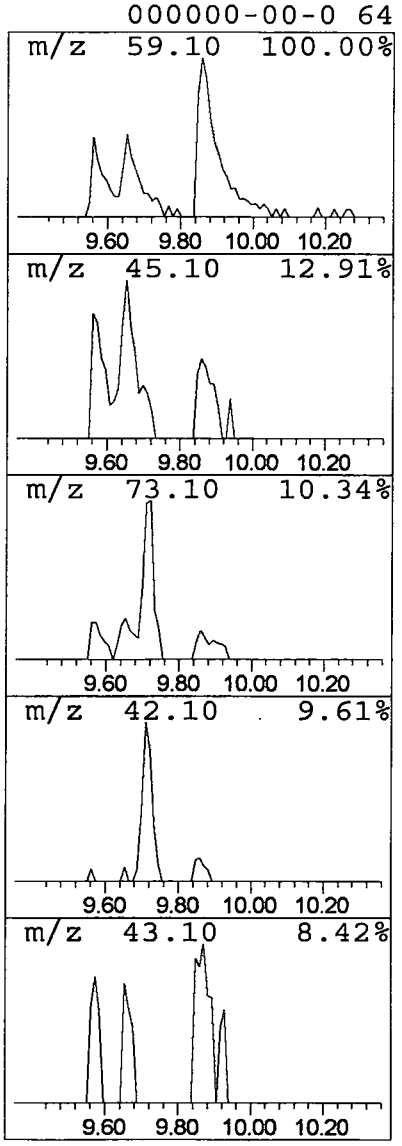
****

Peak Number 5 2-Propanol, 1-(2-methoxypro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	0.15 ug/L	58501	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	TRIPROPYLENE GLYCOL 2	192	C9H20O4	000000-00-0	64
3	PROPYLENE GLYCOL TRIMER 1	174	C9H18O3	000000-00-0	64
4	TRIPROPYLENE GLYCOL 1	192	C9H20O4	000000-00-0	64





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Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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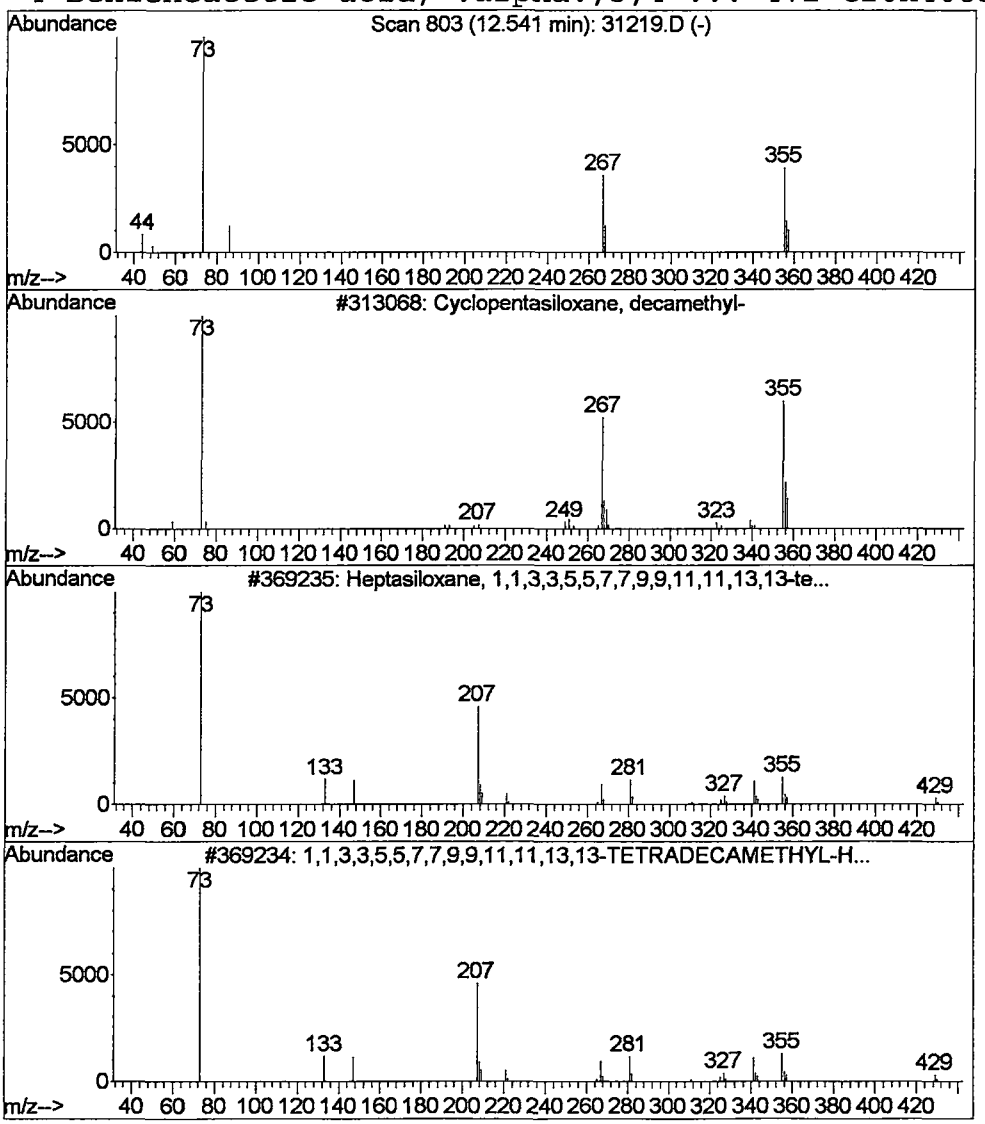
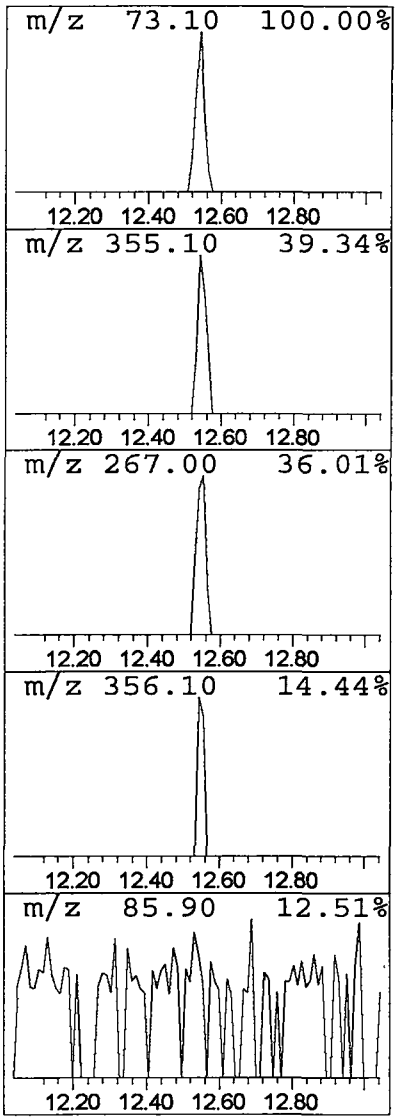
Peak Number 6 Cyclopentasiloxane, decamet... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	0.04 ug/L	24492	Naphthalene-d8	13.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	78
2	Heptasiloxane, 1,1,3,3,5,5,7,7,9...	504	C14H44O6Si7	019095-23-9	39
3	1,1,3,3,5,5,7,7,9,9,11,11,13,13-...	504	C14H44O6Si7	000000-00-0	39
4	Benzeneacetic acid, .alpha.,3,4-...	472	C20H40O5Si4	037148-65-5	38





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Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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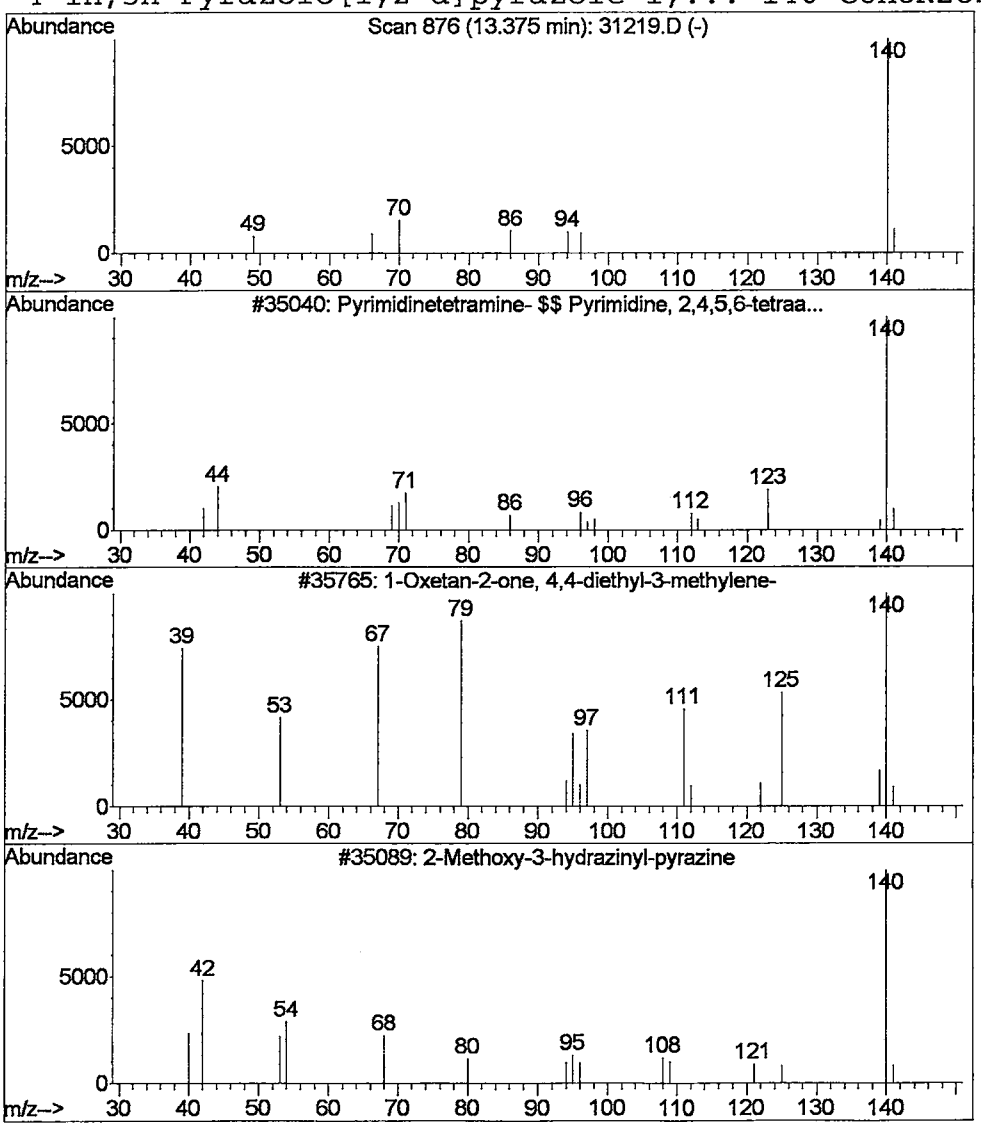
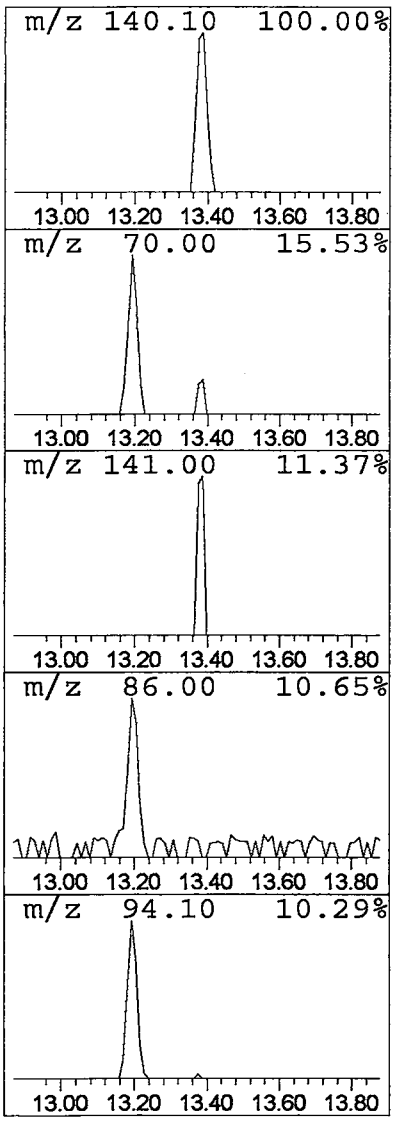
Peak Number 7 Pyrimidinetetramine- $$ Pyr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	0.04 ug/L	25109	Naphthalene-d8	13.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrimidinetetramine- $$ Pyrimidi...	140	C4H8N6	001004-74-6	78
2	1-Oxetan-2-one, 4,4-diethyl-3-me...	140	C8H12O2	000000-00-0	64
3	2-Methoxy-3-hydrazinyl-pyrazine	140	C5H8N4O	000000-00-0	64
4	1H,5H-Pyrazolo[1,2-a]pyrazole-1,...	140	C6H8N2O2	019720-72-0	50





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Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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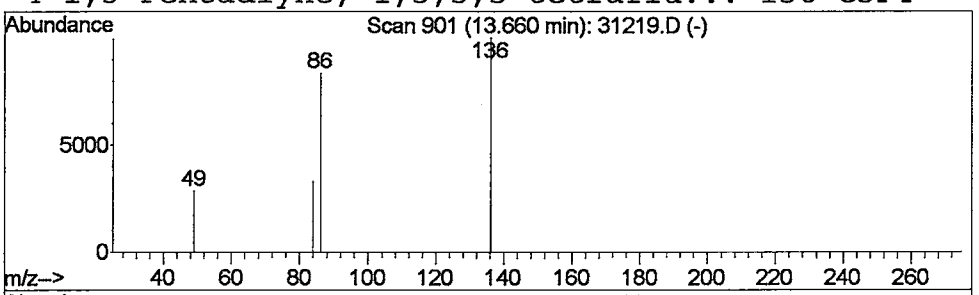
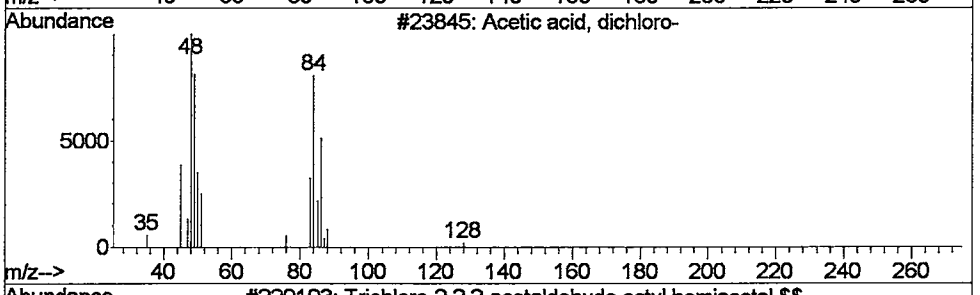
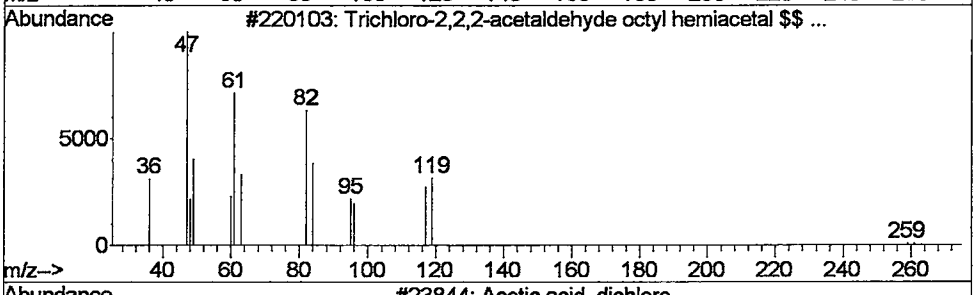
Peak Number 8 Acetic acid, dichloro- Concentration Rank 12

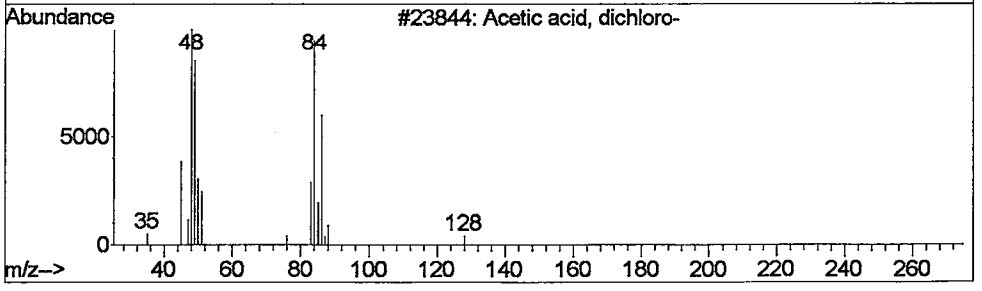
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	0.02 ug/L	12901	Naphthalene-d8	13.19

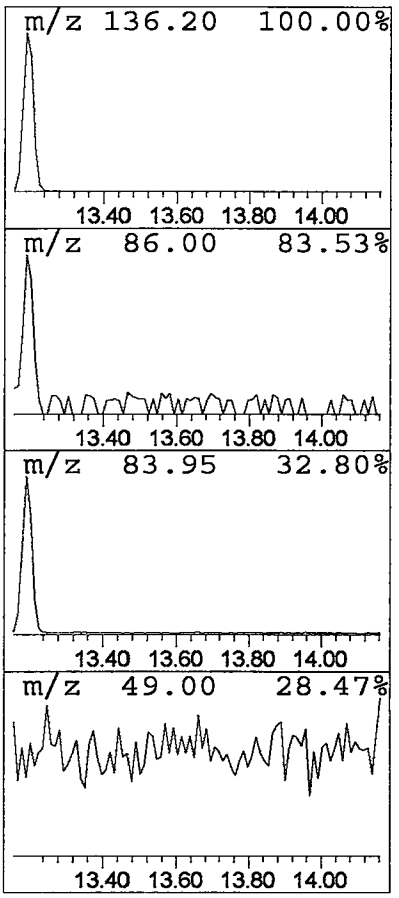
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, dichloro-	128	C2H2Cl2O2	000079-43-6	2
2	Trichloro-2,2,2-acetaldehyde oct...	276	C10H19Cl3O2	037964-93-5	2
3	Acetic acid, dichloro-	128	C2H2Cl2O2	000079-43-6	2
4	1,3-Pentadiyne, 1,5,5,5-tetraflu...	136	C5F4	064788-24-5	2











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Acq On : 1 Feb 2002 6:03 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

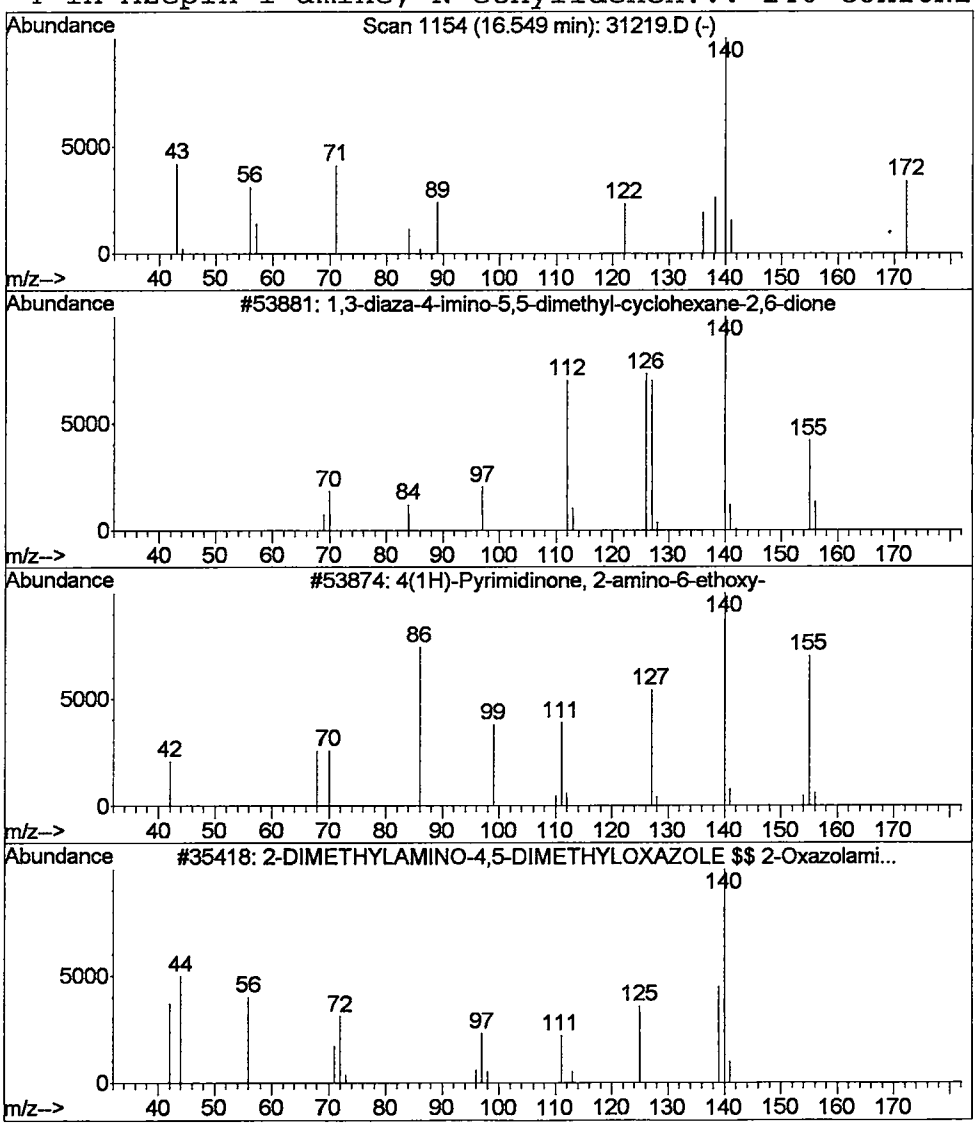
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

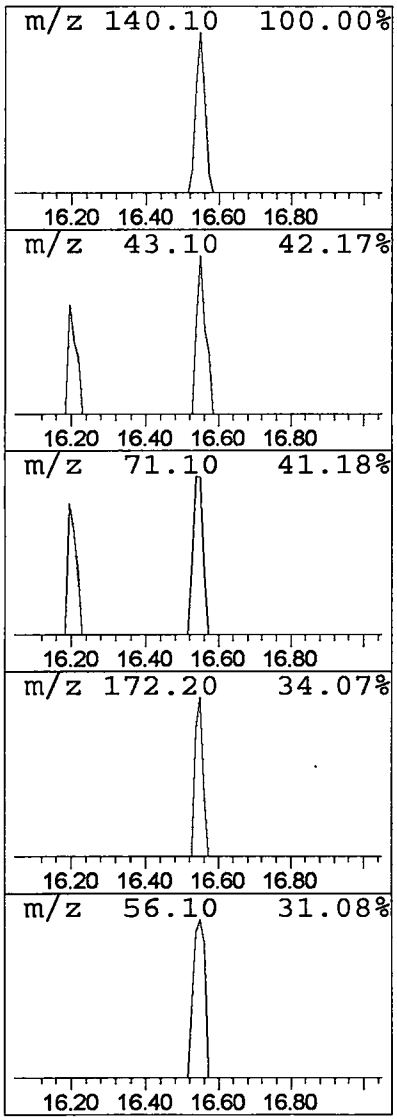
****

Peak Number 9 1,3-diaza-4-imino-5,5-dimet... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	0.05 ug/L	30432	Acenaphthene-d10	18.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-diaza-4-imino-5,5-dimethyl-c...	155	C6H9N3O2	000000-00-0	12
2	4(1H)-Pyrimidinone, 2-amino-6-et...	155	C6H9N3O2	042956-82-1	9
3	2-DIMETHYLAMINO-4,5-DIMETHYLOXAZ...	140	C7H12N2O	073777-29-4	9
4	1H-Azepin-1-amine, N-ethylideneh...	140	C8H16N2	075268-01-8	9





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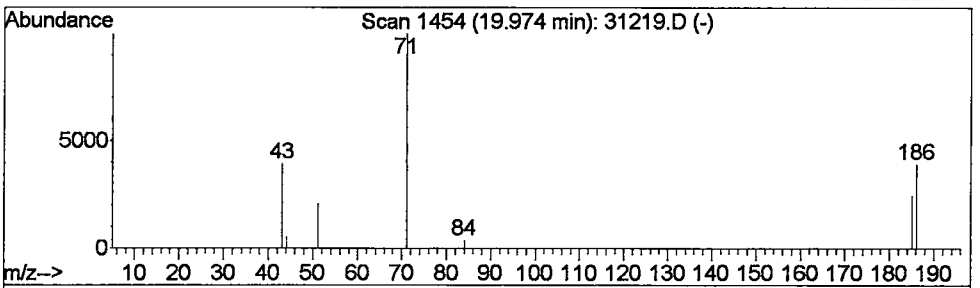
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

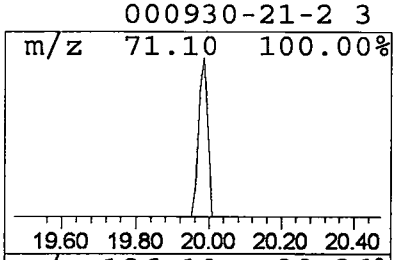
****

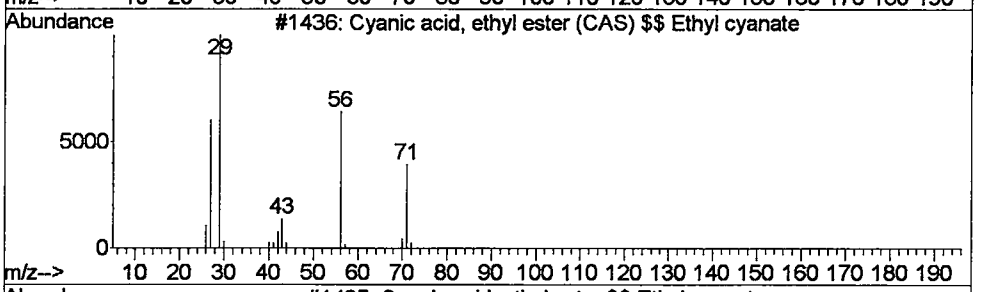
Peak Number 10 Cyanic acid, ethyl ester (C... Concentration Rank 13

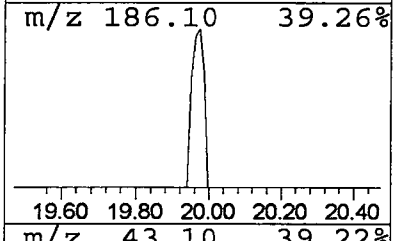
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	0.02 ug/L	13554	Acenaphthene-d10	18.34

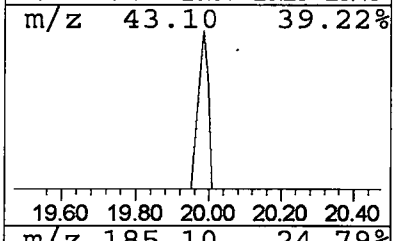
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyanic acid, ethyl ester (CAS) $...	71	C3H5NO	000627-48-5	4
2	Cyanic acid, ethyl ester $$ Ethy...	71	C3H5NO	000627-48-5	4
3	Imidazole-2,4,5-d3 $$ 1H-Imidazo...	71	C3HD3N2	006745-43-3	4
4	PROPIOLACTAM	71	C3H5NO	000930-21-2	3

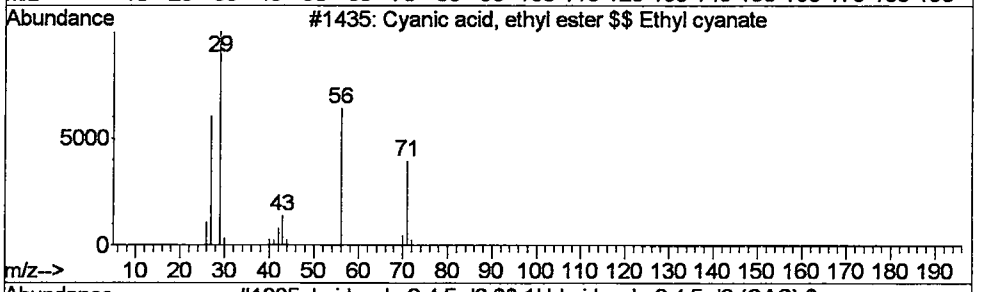


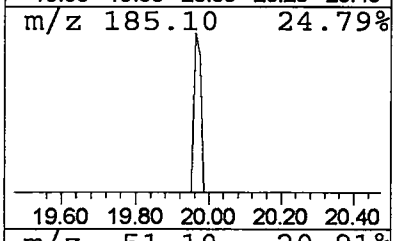


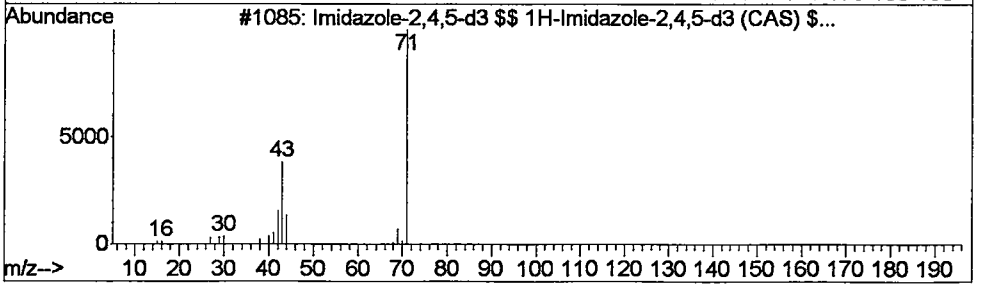


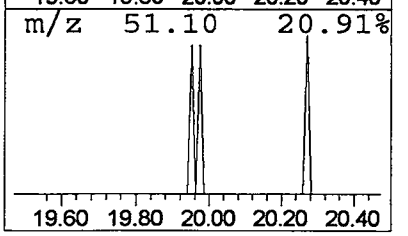












Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\31219.D Vial: 5
Acq On : 1 Feb 2002 6:03 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

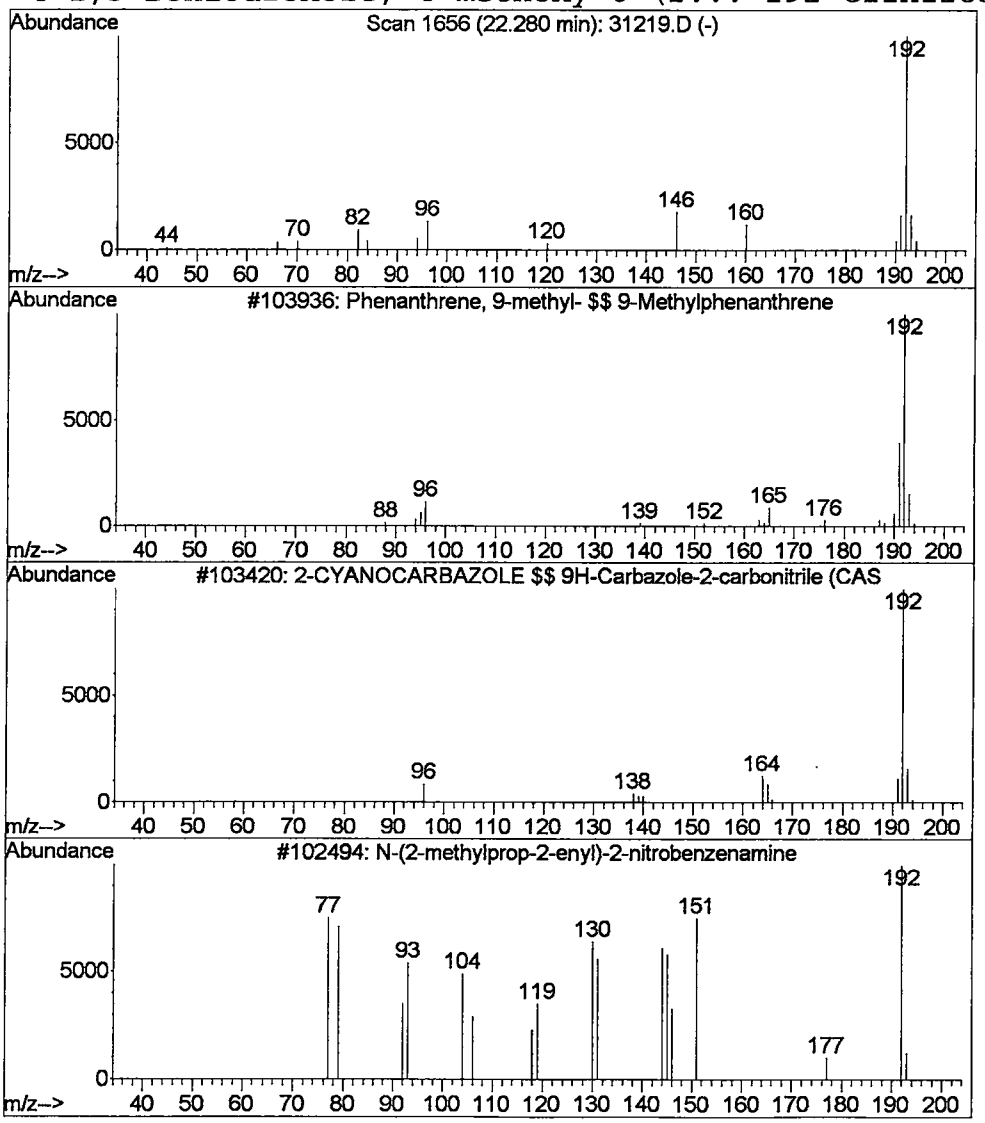
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

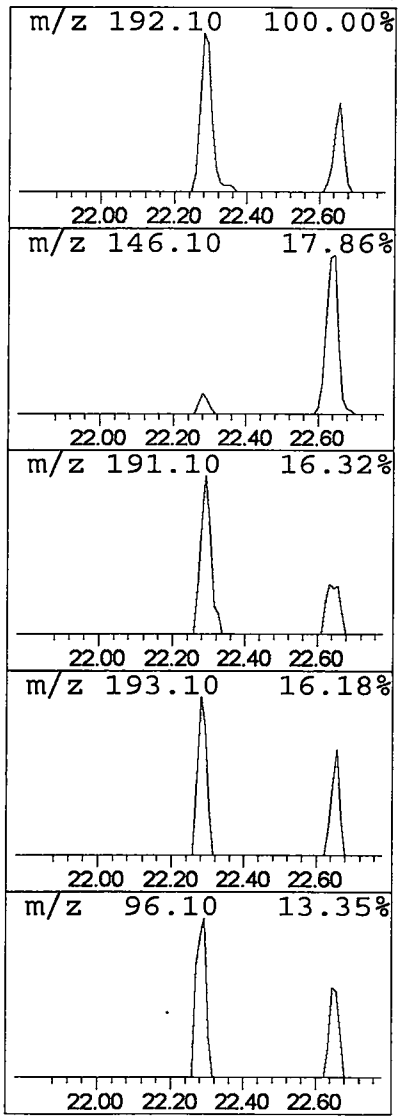
****

Peak Number 11 Phenanthrene, 9-methyl- $$ ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.13 ug/L	84534	Phenanthrene-d10	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 9-methyl- $$ 9-Met...	192	C15H12	000883-20-5	59
2	2-CYANOCARBAZOLE $$ 9H-Carbazole...	192	C13H8N2	057955-18-7	50
3	N-(2-methylprop-2-enyl)-2-nitrob...	192	C10H12N2O2	000000-00-0	49
4	1,3-Benzodioxole, 4-methoxy-6-(2...	192	C11H12O3	000607-91-0	42





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\31219.D Vial: 5
Acq On : 1 Feb 2002 6:03 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

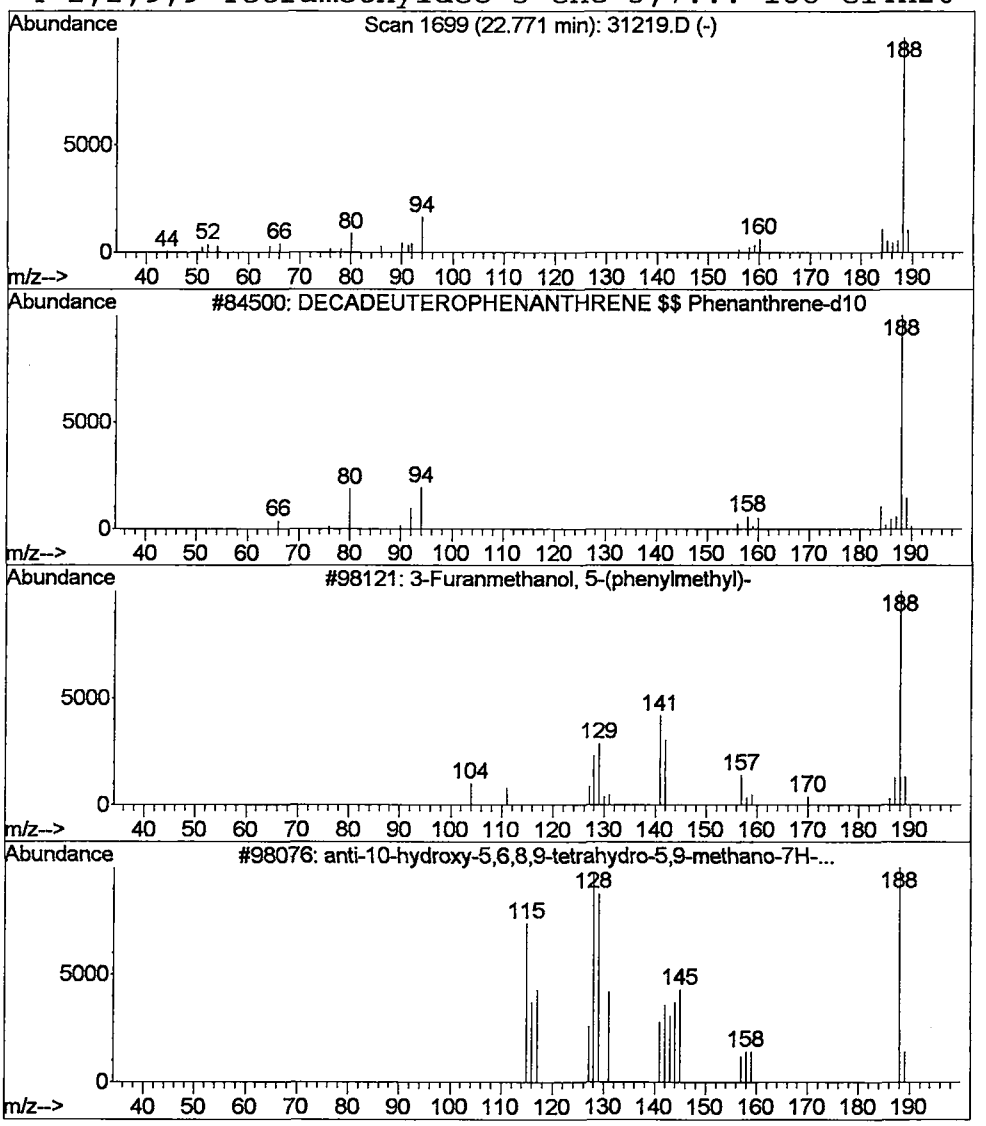
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

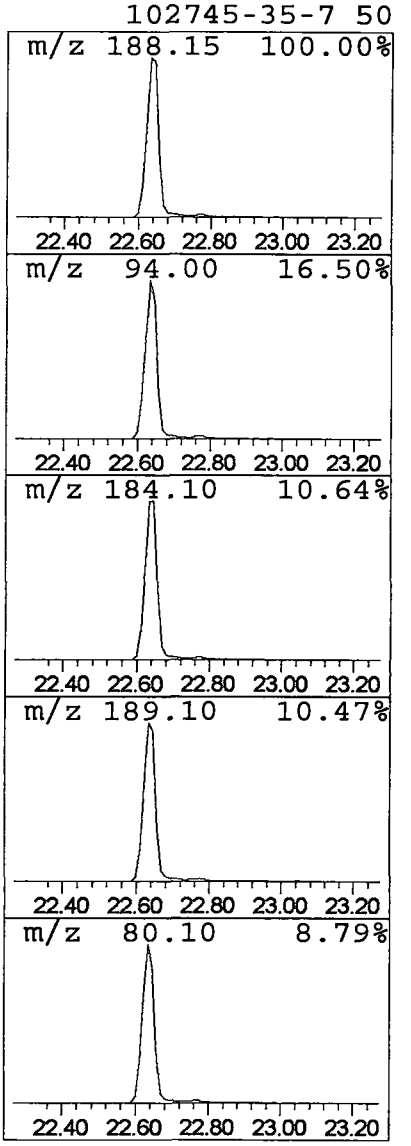
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.44 ug/L	293683	Phenanthrene-d10	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	64
2	3-Furanmethanol, 5-(phenylmethyl)-	188	C12H12O2	000000-00-0	53
3	anti-10-hydroxy-5,6,8,9-tetrahyd...	188	C12H12O2	055139-53-2	50
4	2,2,9,9-Tetramethyldec-5-ene-3,7...	188	C14H20	102745-35-7	50





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\31219.D Vial: 5
Acq On : 1 Feb 2002 6:03 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

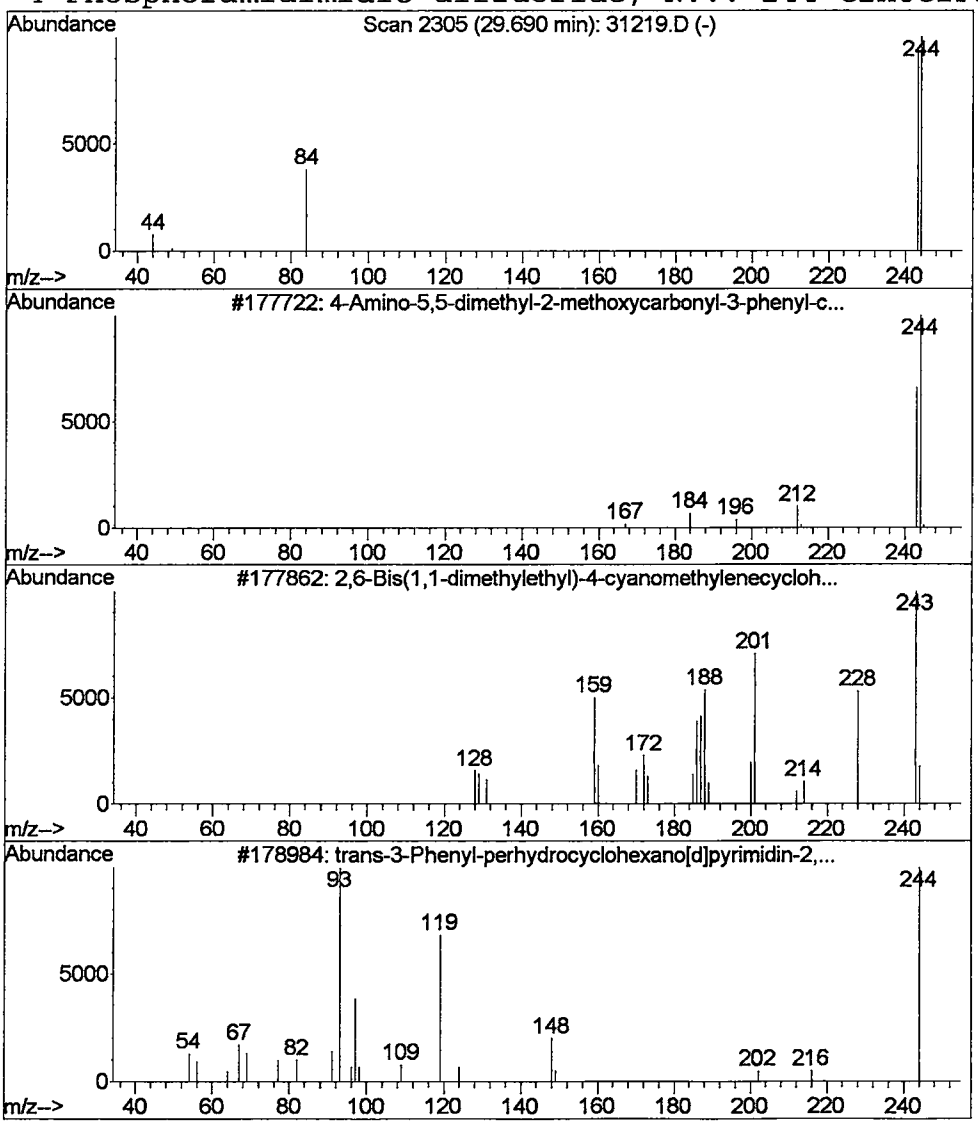
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

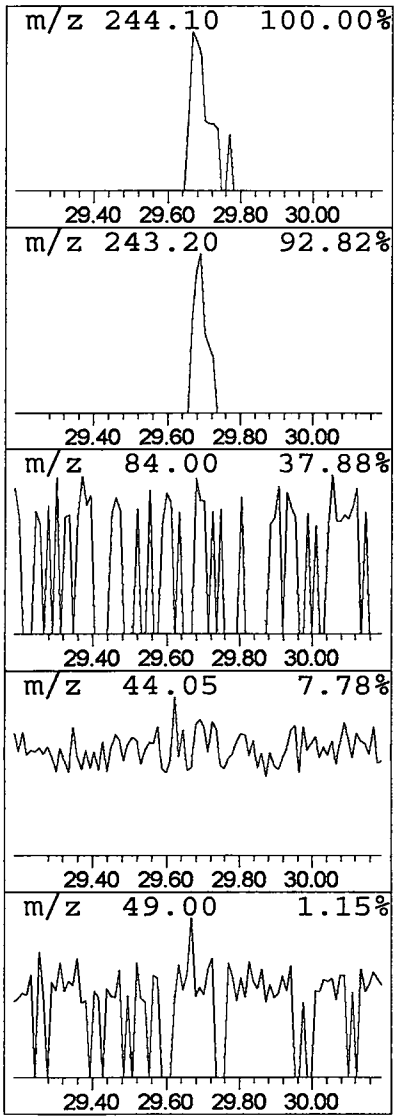
****

Peak Number 13 4-Amino-5,5-dimethyl-2-meth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.69	0.03 ug/L	18574	Chrysene-d12	30.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Amino-5,5-dimethyl-2-methoxyca...	243	C15H17NO2	118089-29-5	5
2	2,6-Bis(1,1-dimethylethyl)-4-cya...	243	C16H21NO	007062-57-9	5
3	trans-3-Phenyl-perhydrocyclohexa...	244	C14H16N2O2	000000-00-0	3
4	Phosphoramidimidic difluoride, N...	244	C2H6ClF3N2P2S	027352-03-0	3





Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 1 Feb 2002 6:03 pm
Data File: C:\MSDCHEM\1\5973N\02FEB01\31219.D
Name: 508 scan
Misc: February 1, 2002
Method: C:\MSDCHEM\1\METHODS\METHODS\SCAN508.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...	3.61	0.1	ug/L	30643	1	9.72	7865760	20.0
3-Pyrrolidinol $$...	3.92	0.0	ug/L	17654	1	9.72	7865760	20.0
Acetic acid, 3-[1...	5.93	0.2	ug/L	92925	1	9.72	7865760	20.0
2-Propanol, 1,1'-...	9.56	0.1	ug/L	34347	1	9.72	7865760	20.0
2-Propanol, 1-(2-...	9.86	0.1	ug/L	58501	1	9.72	7865760	20.0
Cyclopentasiloxan...	12.54	0.0	ug/L	24492	2	13.19	11224300	20.0
Pyrimidinetetrami...	13.37	0.0	ug/L	25109	2	13.19	11224300	20.0
Acetic acid, dich...	13.66	0.0	ug/L	12901	2	13.19	11224300	20.0
1,3-diaza-4-imino...	16.55	0.0	ug/L	30432	3	18.34	12369300	20.0
Cyanic acid, ethy...	19.97	0.0	ug/L	13554	3	18.34	12369300	20.0
Phenanthrene, 9-m...	22.28	0.1	ug/L	84534	4	22.63	13289800	20.0
DECADEUTEROPHENAN...	22.77	0.4	ug/L	293683	4	22.63	13289800	20.0
4-Amino-5,5-dimet...	29.69	0.0	ug/L	18574	5	30.50	12970700	20.0

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/11/2002 Time: 16:48:21

Sample: AD31218
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/11/02 16:48 Ended: 2/11/02 16:48 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		76		5.0

Comments for Sample AD31218 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-11-2002 Time: 16:48:35

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 13 of the 43 compounds in the LCS Standard were above their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB01\31218.D Vial: 4
Acq On : 1 Feb 2002 5:13 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 04 08:34:23 2002 Quant Results File: SCAN508.RES

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Fri Jan 11 13:20:07 2002
Response via : Initial Calibration
DataAcq Meth : SCAN508

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.72	152	1515288	20.00	ug/L	0.00
10) Naphthalene-d8	13.19	136	6423391	20.00	ug/L	-0.02
17) Acenaphthene-d10	18.34	164	3308434	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.65	188	5406319	20.00	ug/L	-0.02
38) Chrysene-d12	30.50	240	4861388	20.00	ug/L	-0.01
44) Perylene-d12	34.42	264	3480570	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD	27.73	235	323860	3.79	ug/L	0.00
Spiked Amount 5.000			Recovery = 75.80%			
Target Compounds						Qvalue
42) Bis(2-ethylhexyl)phthalate	31.11	149	5899	0.57	ug/L	94

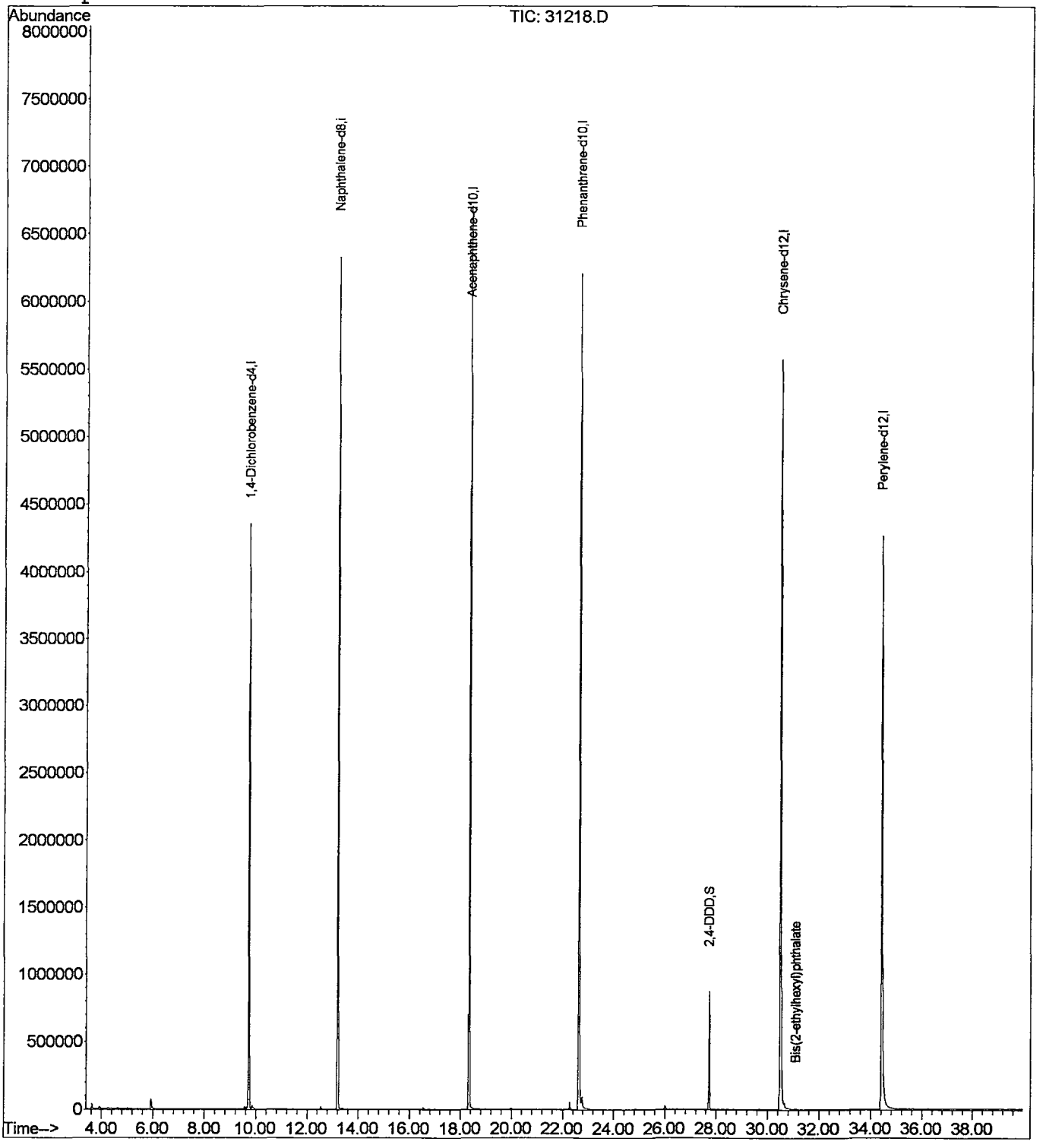
in blank

(#) = qualifier out of range (m) = manual integration
31218.D SCAN508.M Mon Feb 04 09:39:59 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB01\31218.D Vial: 4
Acq On : 1 Feb 2002 5:13 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 4 9:39 2002 Quant Results File: SCAN508.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Fri Jan 11 13:20:07 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\31218.D Vial: 4
Acq On : 1 Feb 2002 5:13 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.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

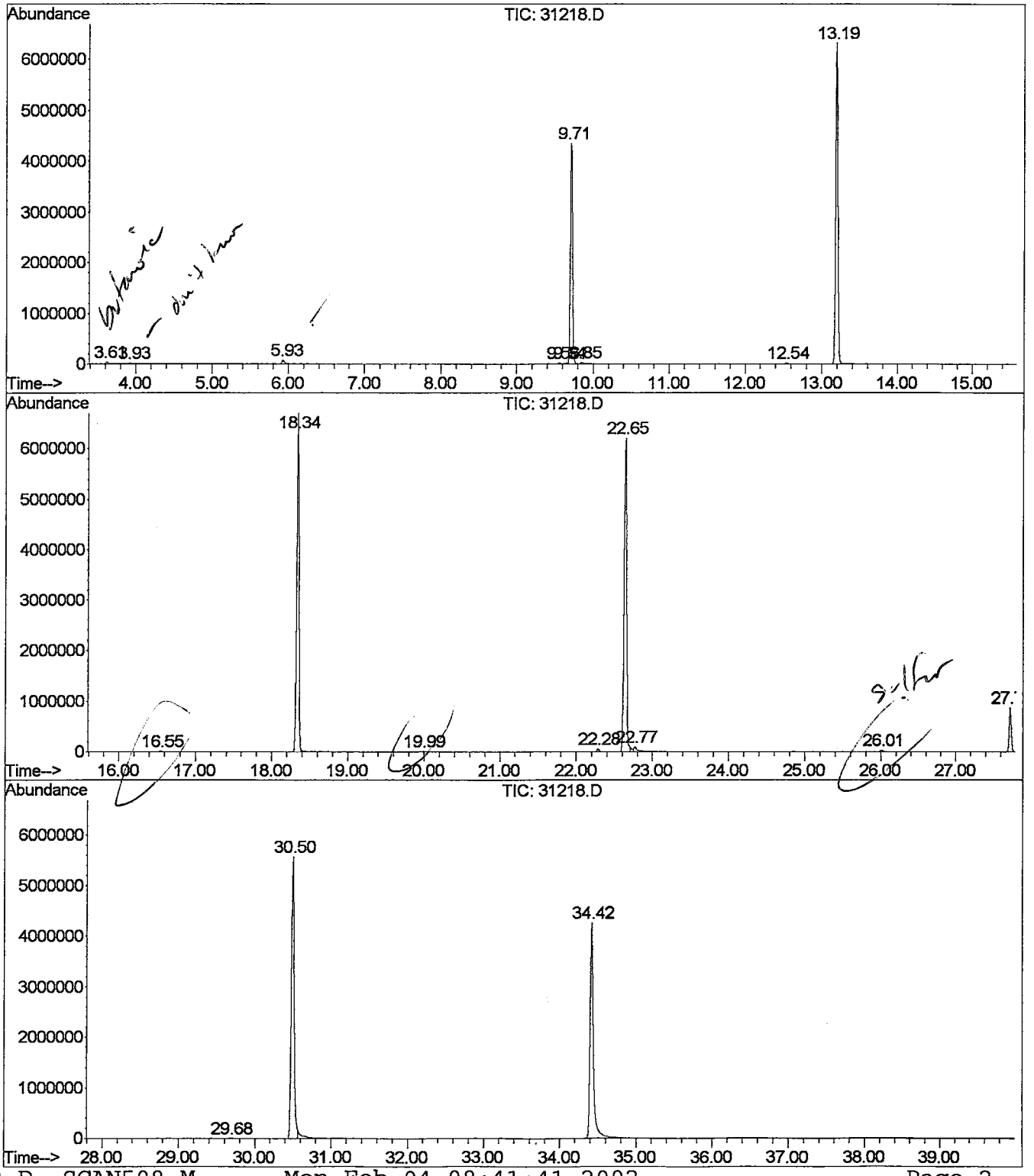
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.613	17	21	25	rBV	37930	67699	0.47%	0.088%
2	3.933	45	49	53	rVB	16804	29493	0.21%	0.038%
3	5.931	221	224	241	rVB	73708	193251	1.35%	0.251%
4	9.562	537	542	547	rBV	18751	55198	0.38%	0.072%
5	9.642	547	549	551	rVV	19235	38783	0.27%	0.050%
6	9.710	551	555	561	rVV	4357187	8642873	60.27%	11.222%
7	9.847	565	567	579	rVV	28512	91174	0.64%	0.118%
8	12.541	799	803	809	rBV	22051	36869	0.26%	0.048%
9	13.192	855	860	865	rBV	6327871	12299359	85.77%	15.970%
10	16.549	1149	1154	1159	rVB	14901	32888	0.23%	0.043%
11	18.341	1305	1311	1315	rBV	6700102	13313518	92.84%	17.287%
12	19.985	1445	1455	1461	rBV4	9403	28949	0.20%	0.038%
13	22.280	1653	1656	1661	rBV2	55973	103128	0.72%	0.134%
14	22.645	1681	1688	1693	rVV	6206837	14339552	100.00%	18.619%
15	22.771	1697	1699	1731	rVB	94405	355337	2.48%	0.461%
16	26.013	1977	1983	1995	rVB	30736	72448	0.51%	0.094%
17	27.726	2129	2133	2139	rVV	871538	1594938	11.12%	2.071%
18	29.678	2293	2304	2311	rBV4	8119	36209	0.25%	0.047%
19	30.500	2369	2376	2381	rBV	5574455	13887873	96.85%	18.032%
20	34.416	2713	2719	2761	rBV	4265865	11796923	82.27%	15.317%

Sum of corrected areas: 77016462

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02FEB01\31218.D
Operator :
Acquired : 1 Feb 2002 5:13 pm using AcqMethod SCAN508
Instrument : Instrumen
Sample Name: 508 scan
Misc Info : February 1, 2002
Vial Number: 4
Quant File :SCAN508.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\31218.D Vial: 4
Acq On : 1 Feb 2002 5:13 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

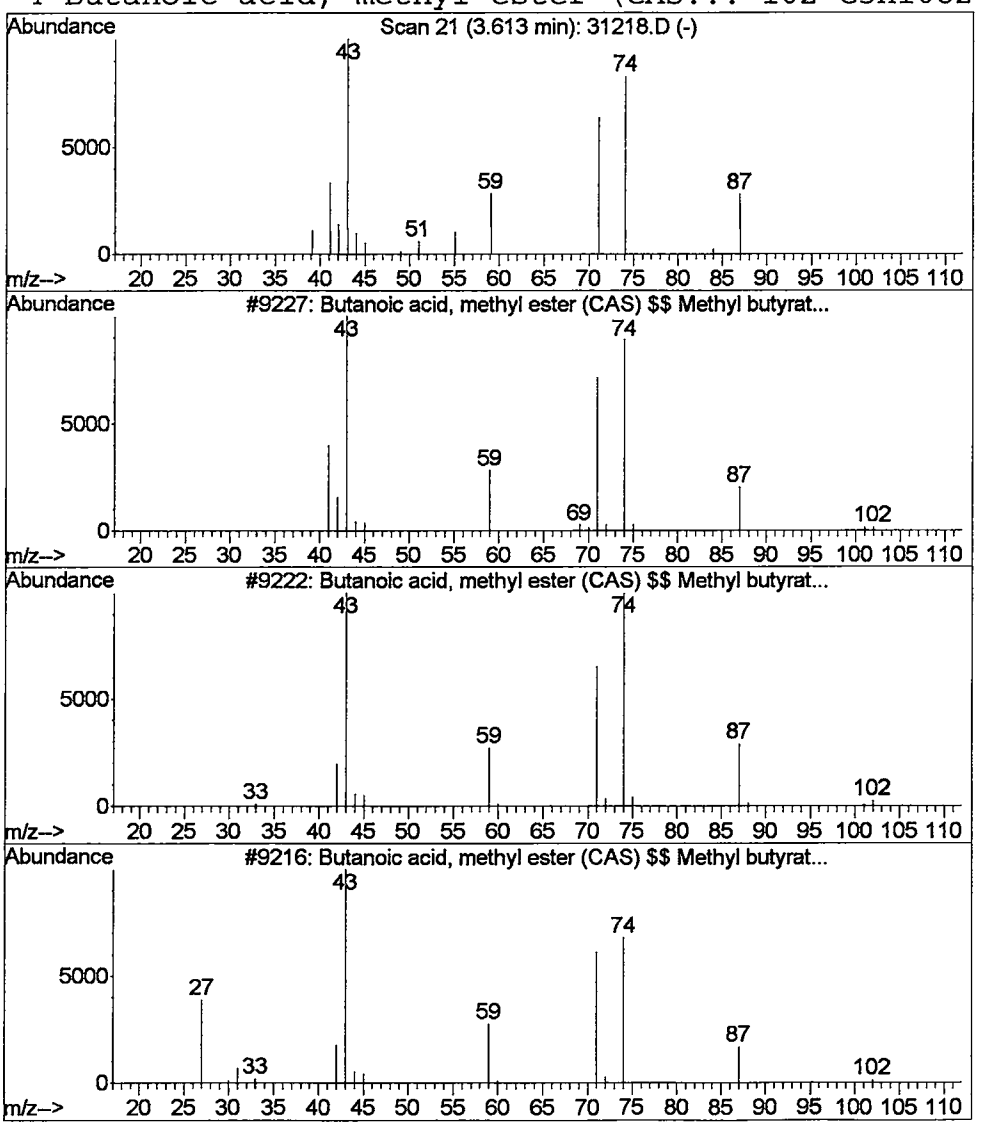
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

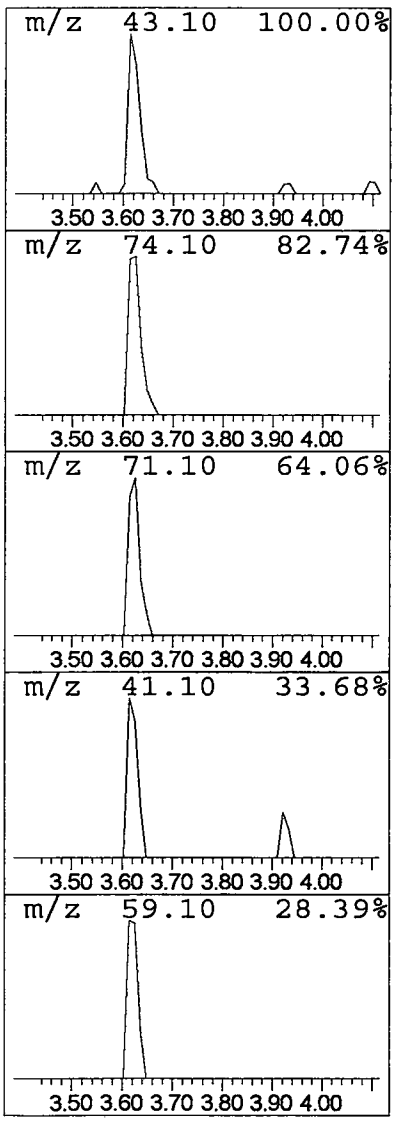
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.61	0.16 ug/L	67699	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	78
4	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	64





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\31218.D Vial: 4
Acq On : 1 Feb 2002 5:13 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

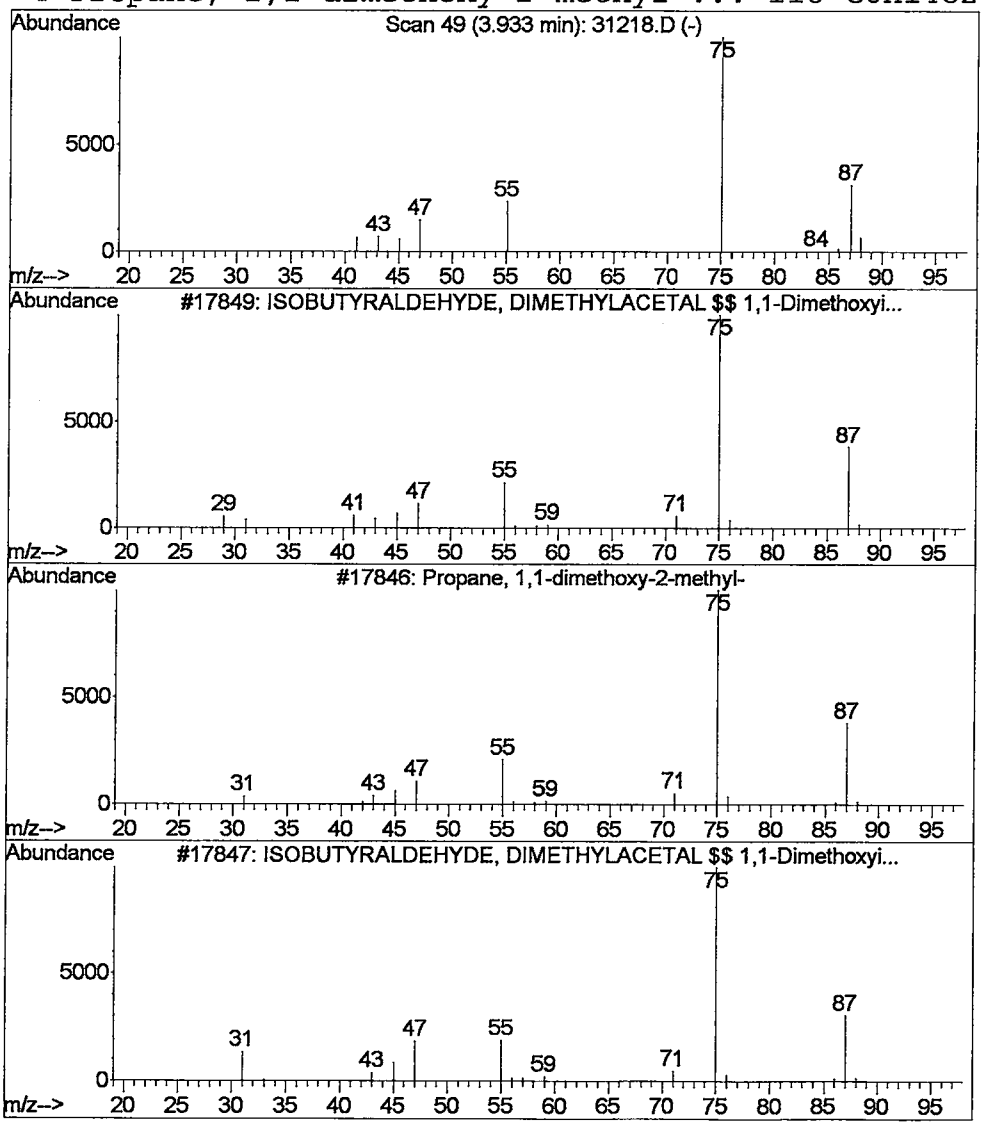
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

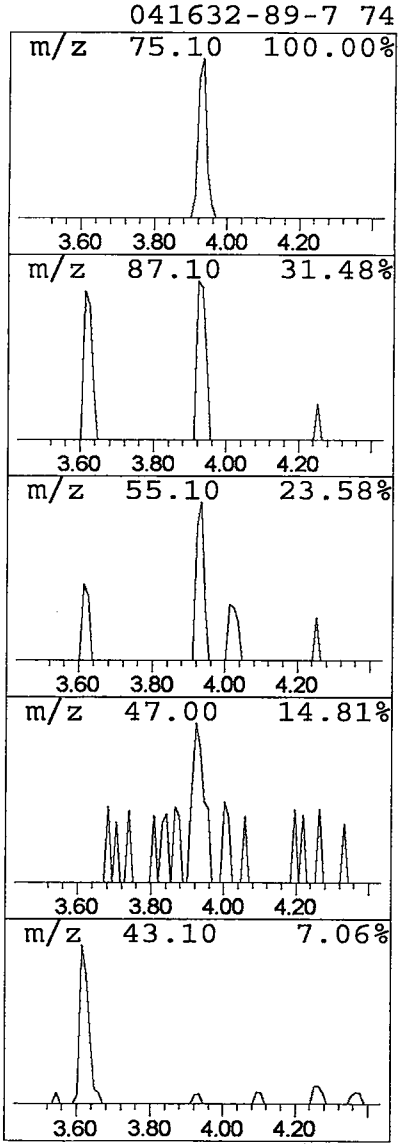
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.93	0.07 ug/L	29493	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	Propane, 1,1-dimethoxy-2-methyl-	118	C6H14O2	041632-89-7	83
3	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	74
4	Propane, 1,1-dimethoxy-2-methyl-...	118	C6H14O2	041632-89-7	74





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\31218.D Vial: 4
Acq On : 1 Feb 2002 5:13 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

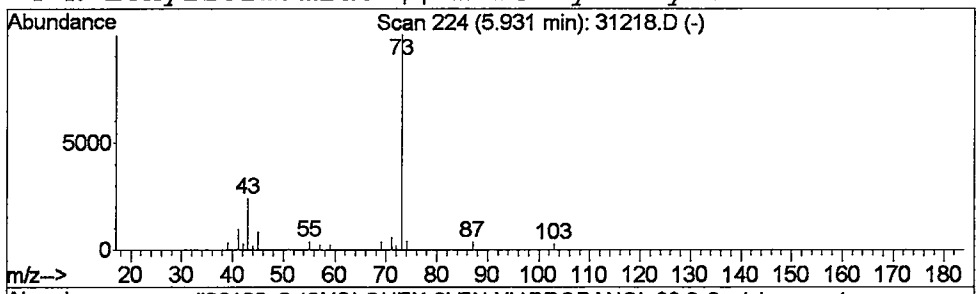
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

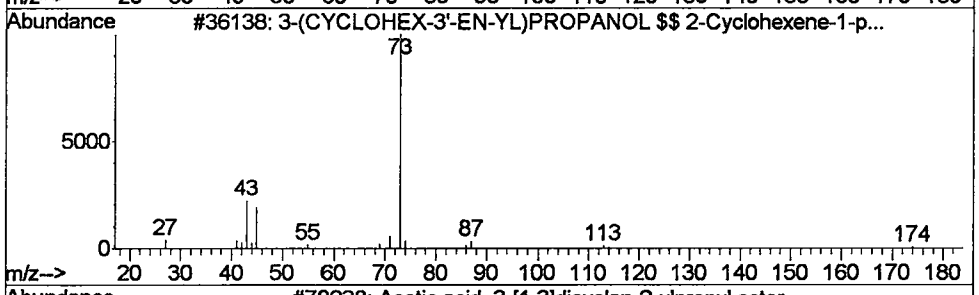
****

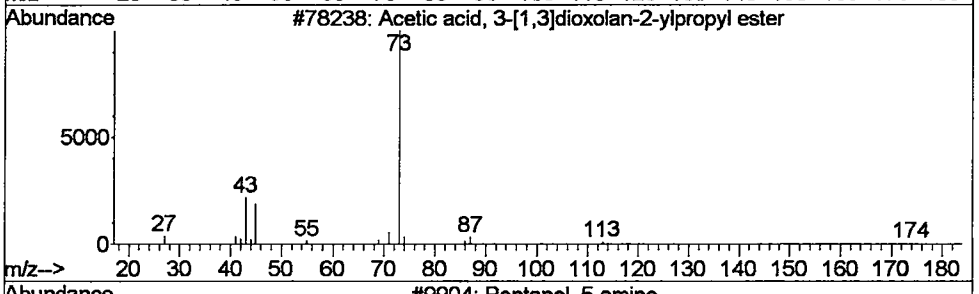
Peak Number 3 3-(CYCLOHEX-3'-EN-YL)PROPAN... Concentration Rank 2

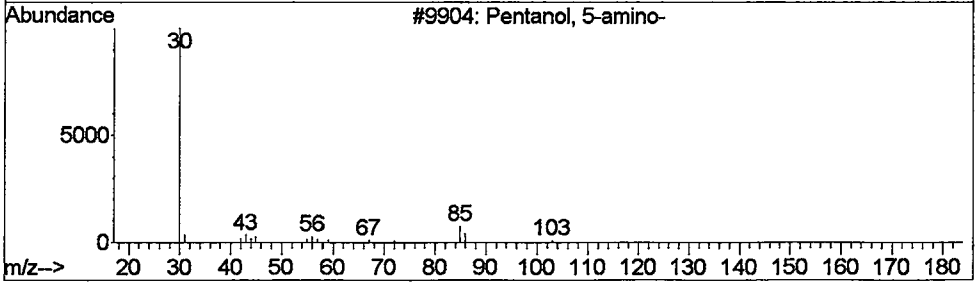
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	0.45 ug/L	193251	1,4-Dichlorobenzene-d4	9.72

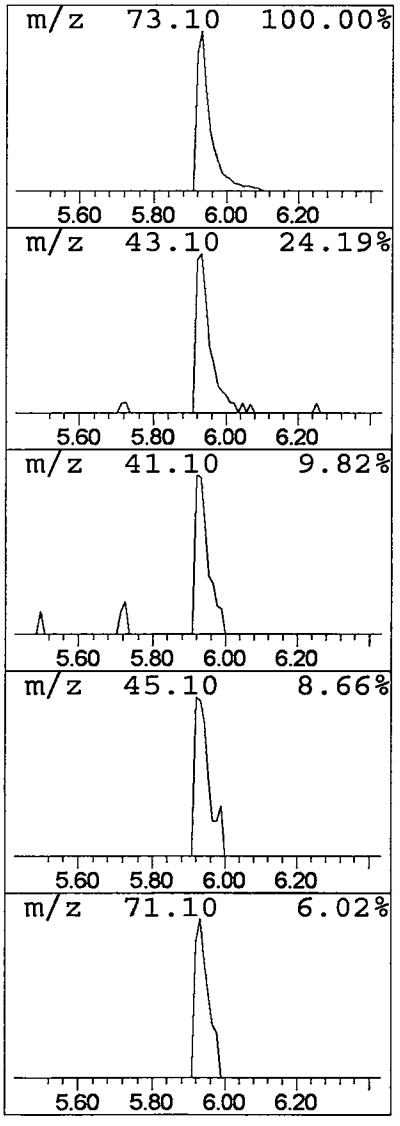
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	36
2	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	36
3	Pentanol, 5-amino-	103	C5H13NO	002508-29-4	9
4	N-Ethylformamide $$ N-Formylethy...	73	C3H7NO	000627-45-2	9











Library Search Compound Report

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Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

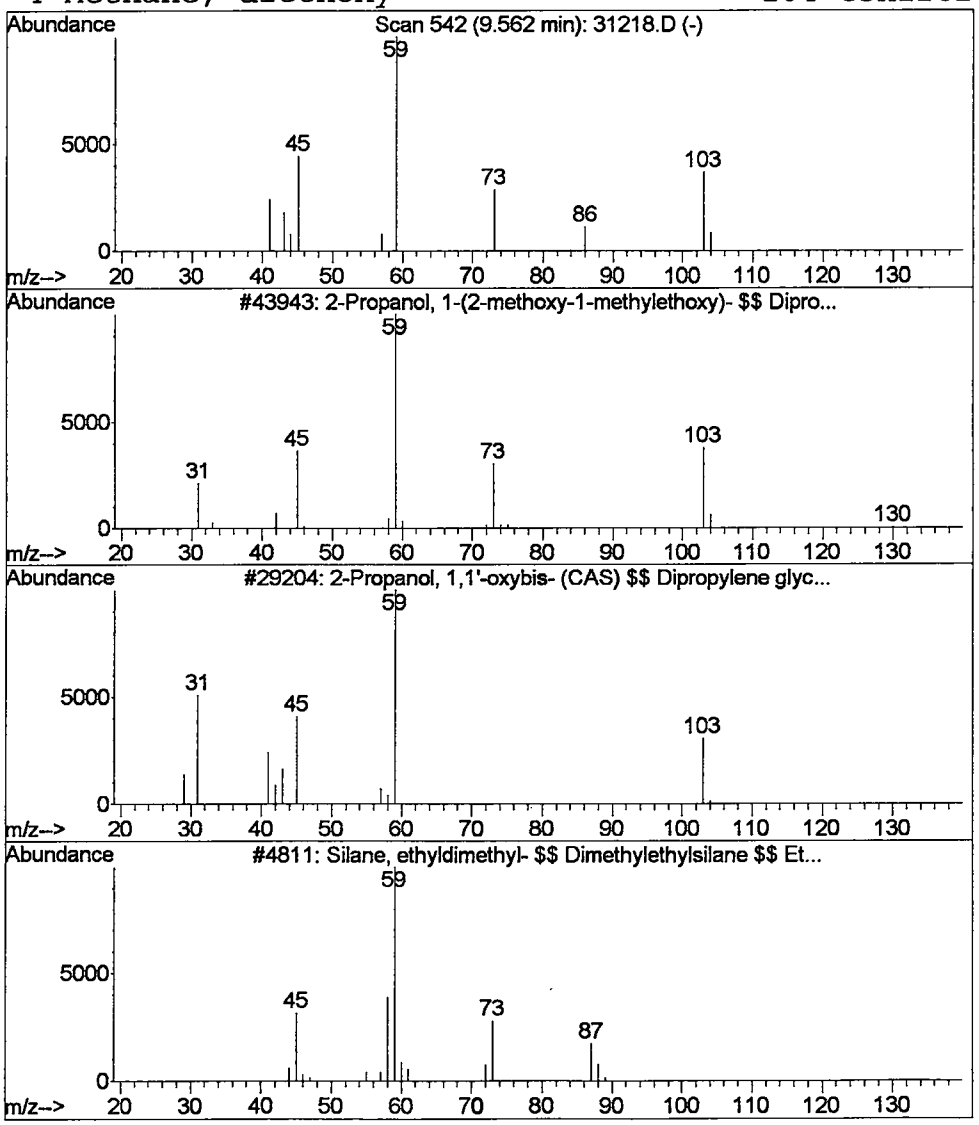
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

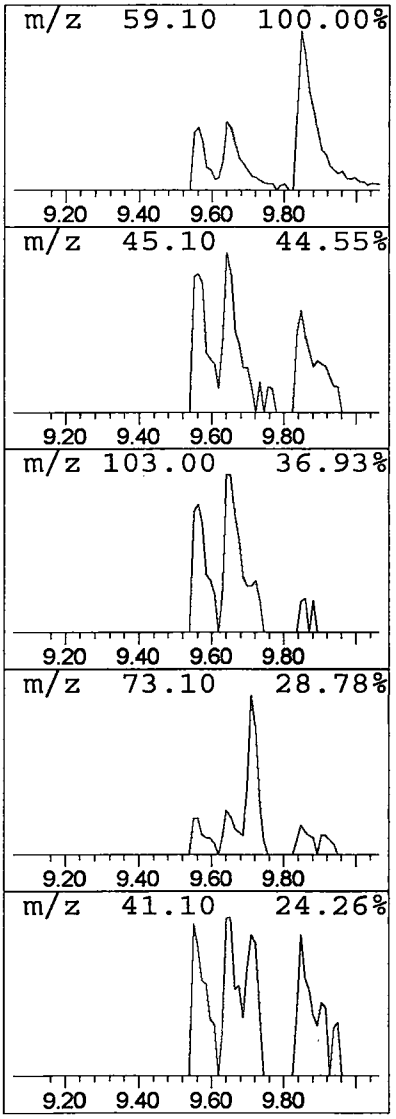
****

Peak Number 4 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	0.13 ug/L	55198	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	64
2	2-Propanol, 1,1'-oxybis- (CAS) $...	134	C6H14O3	000110-98-5	50
3	Silane, ethyldimethyl- $$ Dimeth...	88	C4H12Si	000758-21-4	39
4	Methane, diethoxy-	104	C5H12O2	000462-95-3	9





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Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

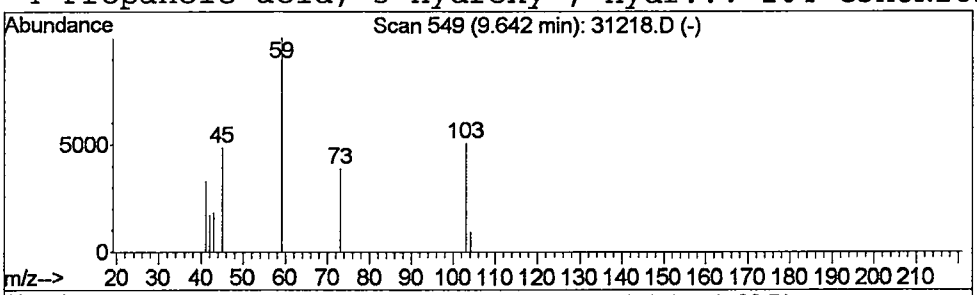
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

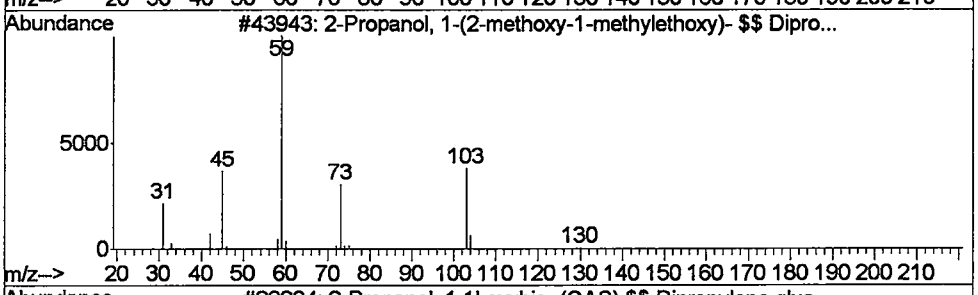
****

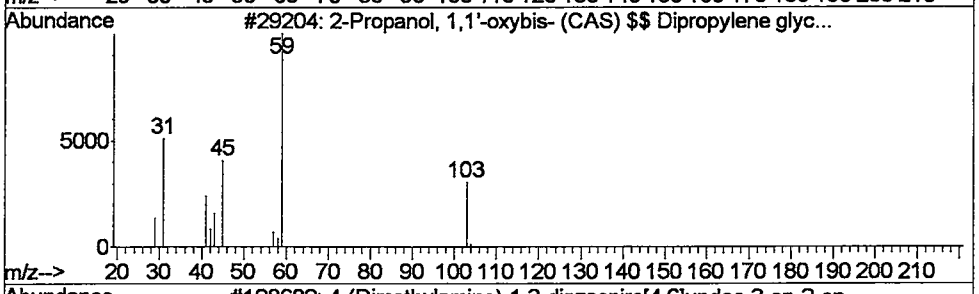
Peak Number 5 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 8

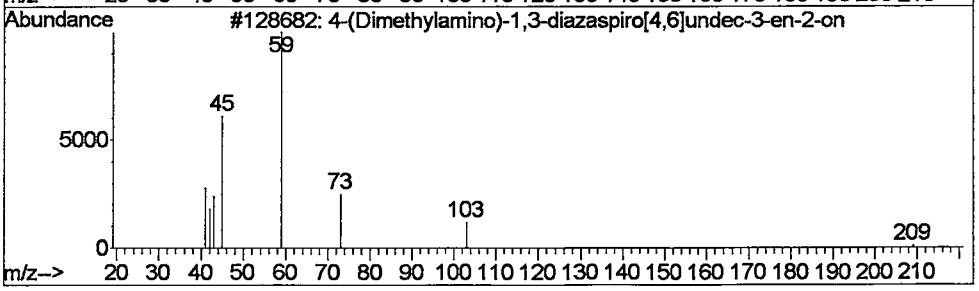
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	0.09 ug/L	38783	1,4-Dichlorobenzene-d4	9.72

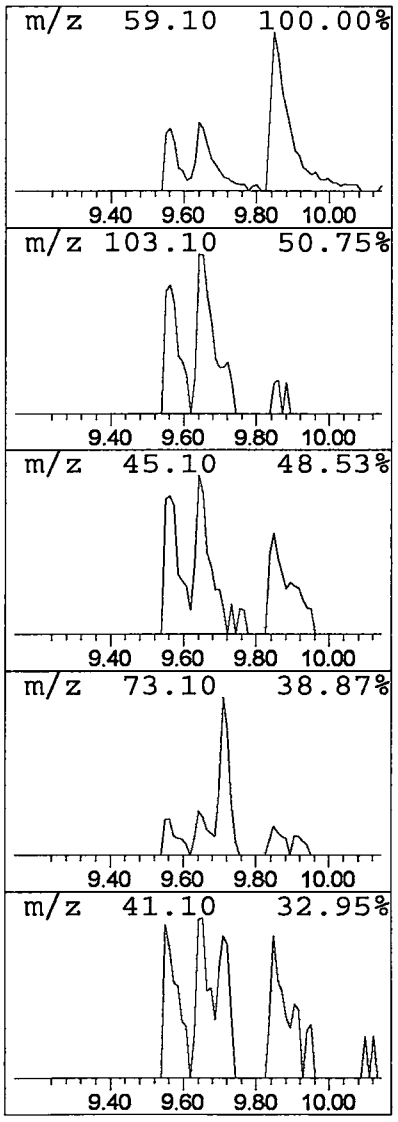
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	74
2	2-Propanol, 1,1'-oxybis- (CAS) $...	134	C6H14O3	000110-98-5	9
3	4-(Dimethylamino)-1,3-diazaspiro...	209	C11H19N3O	000000-00-0	9
4	Propanoic acid, 3-hydroxy-, hydr...	104	C3H8N2O2	024535-11-3	7











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Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

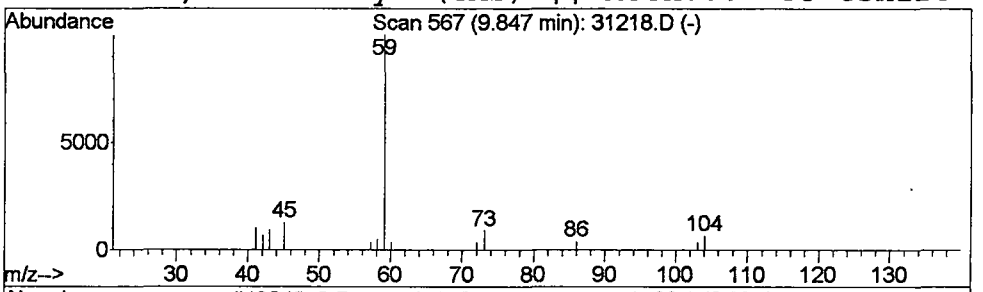
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

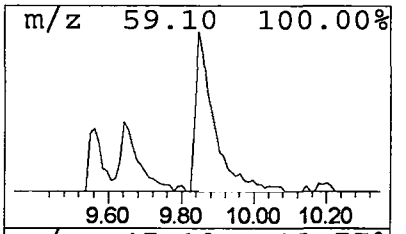
****

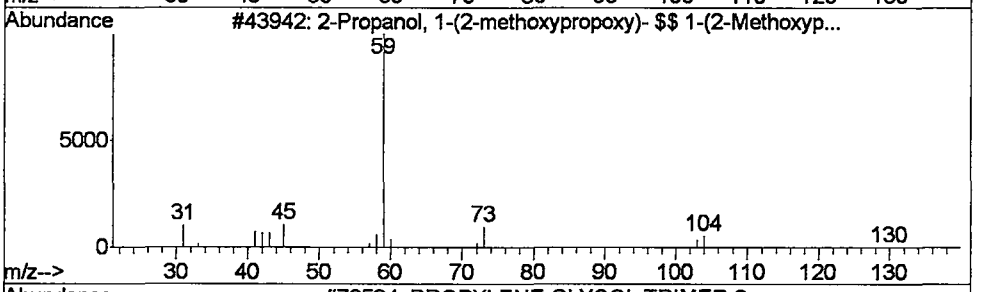
Peak Number 6 2-Propanol, 1-(2-methoxypro... Concentration Rank 3

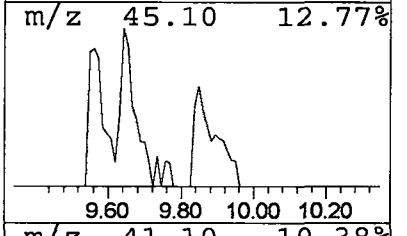
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	0.21 ug/L	91174	1,4-Dichlorobenzene-d4	9.72

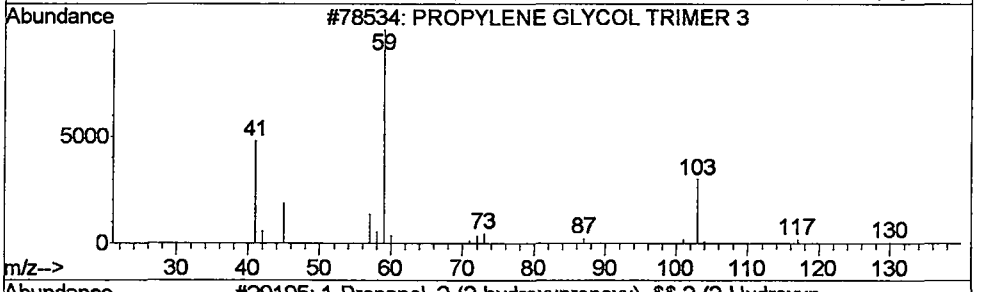
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxypropoxy)...	148	C7H16O3	013429-07-7	83
2	PROPYLENE GLYCOL TRIMER 3	174	C9H18O3	000000-00-0	64
3	1-Propanol, 2-(2-hydroxypropoxy)...	134	C6H14O3	000106-62-7	64
4	Butane, 2-methoxy- (CAS) $$ Meth...	88	C5H12O	006795-87-5	56

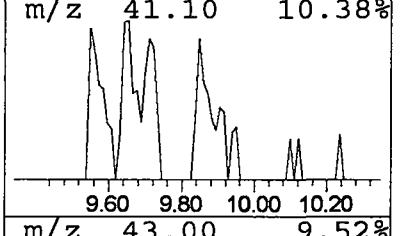


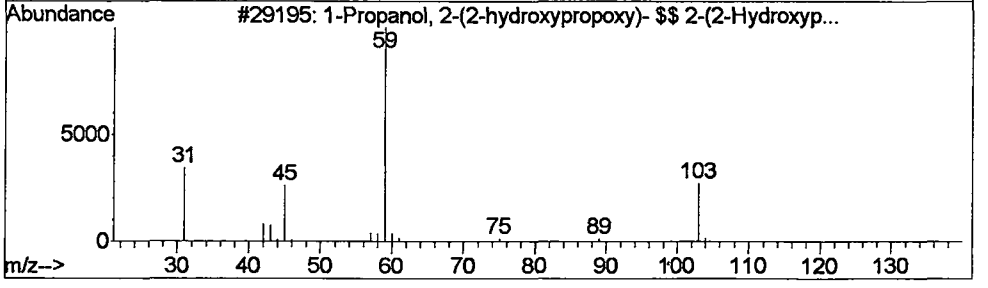


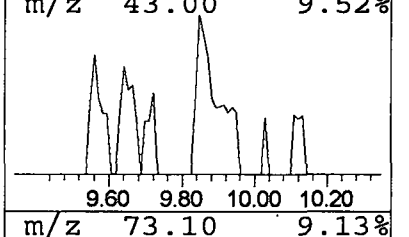


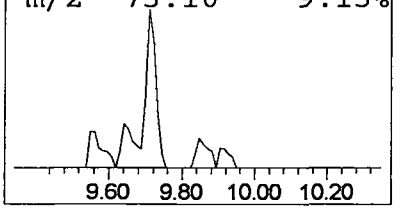












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Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

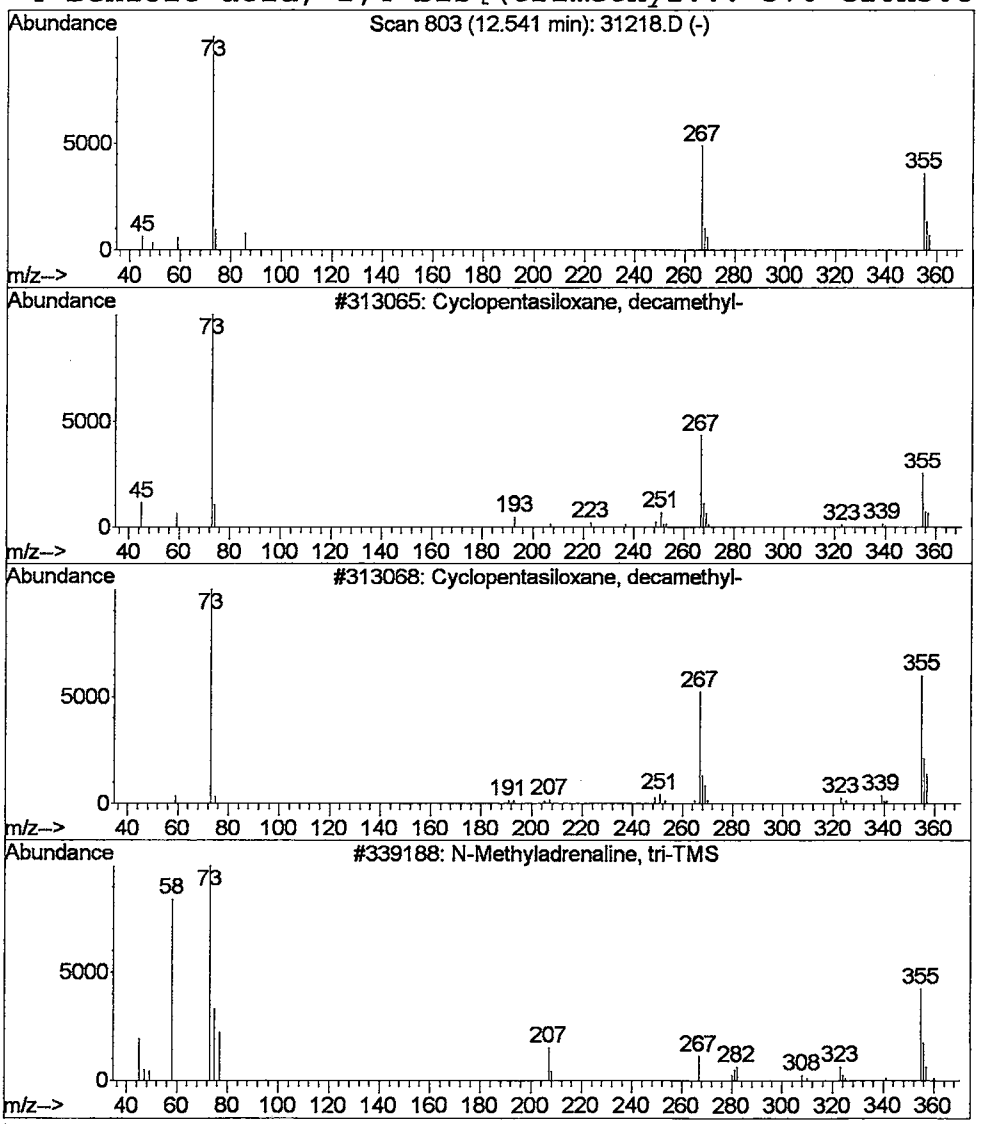
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

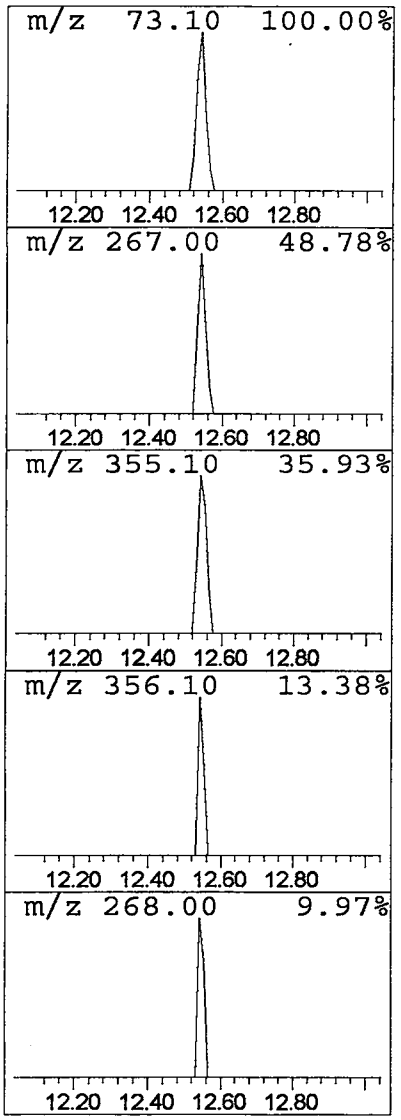
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	0.06 ug/L	36869	Naphthalene-d8	13.19

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	59
3	N-Methyladrenaline, tri-TMS	413	C19H39NO3Si3	000000-00-0	25
4	Benzoic acid, 2,4-bis[(trimethyl...	370	C16H30O4Si3	010586-16-0	23





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Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
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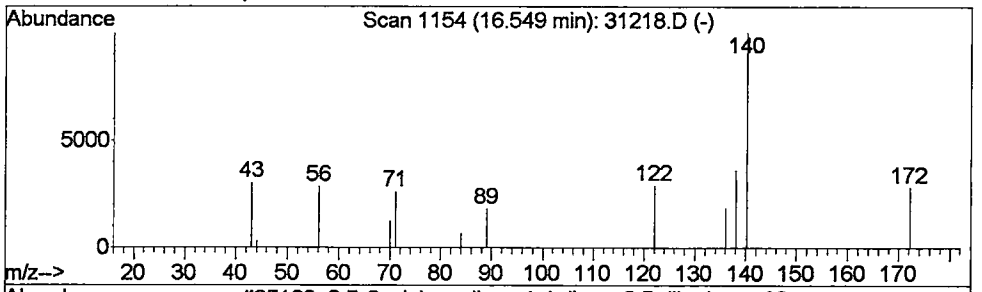
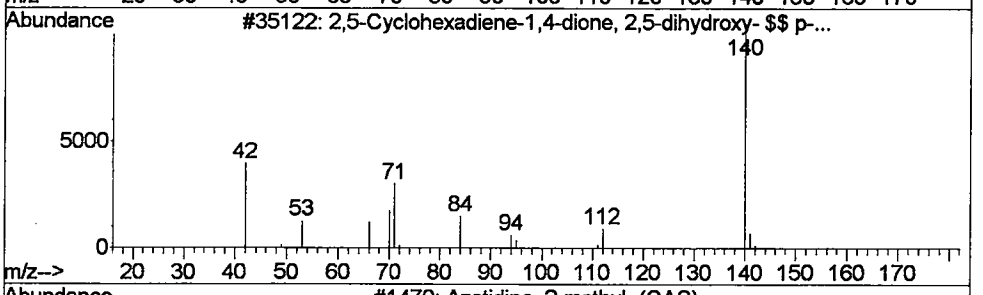
****

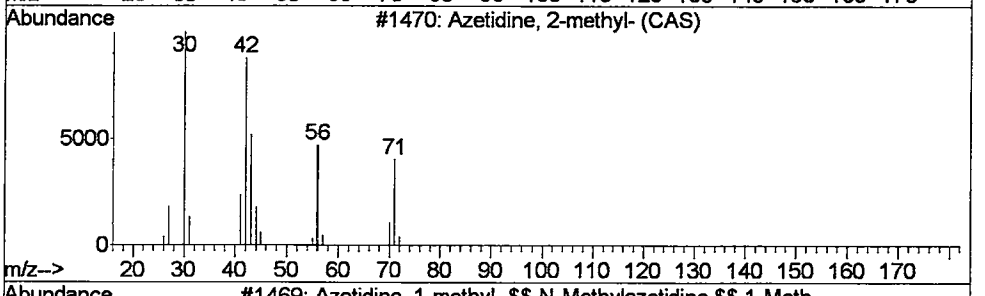
Peak Number 8 2,5-Cyclohexadiene-1,4-dion... Concentration Rank 12

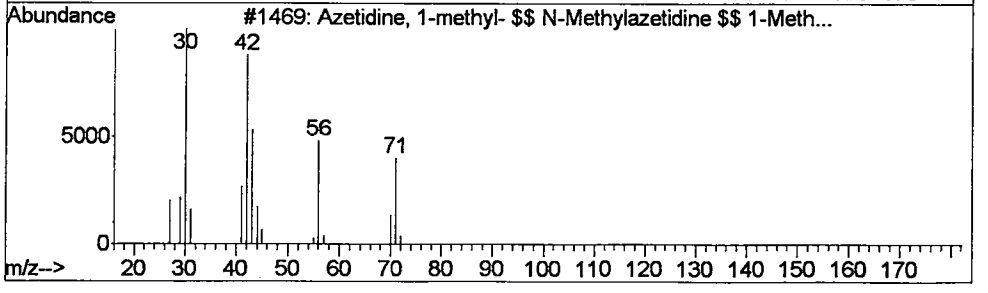
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	0.05 ug/L	32888	Acenaphthene-d10	18.34

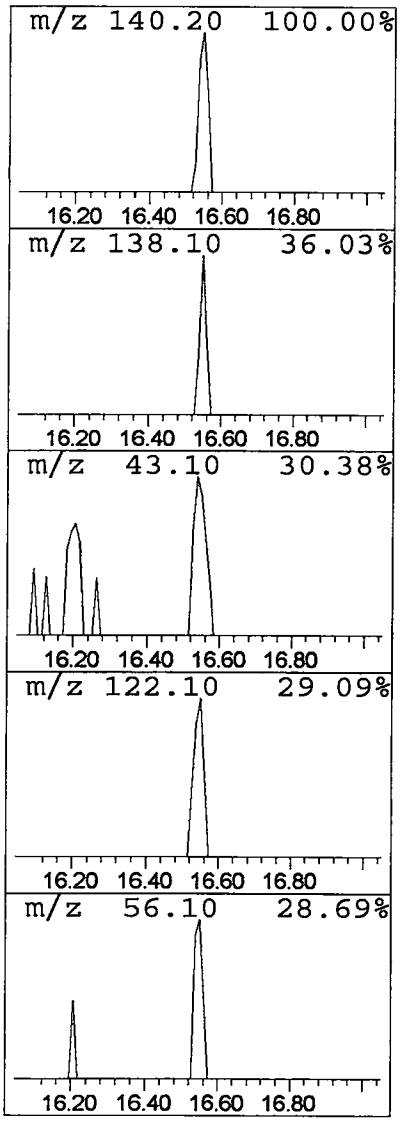
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadiene-1,4-dione, 2,...	140	C6H4O4	000615-94-1	9
2	Azetidine, 2-methyl- (CAS)	71	C4H9N	019812-49-8	9
3	Azetidine, 1-methyl- $$ N-Methyl...	71	C4H9N	004923-79-9	9
4	1-ETHYL-4,5-DIMETHYL-4-IMIDAZOLI...	140	C7H12N2O	059167-88-3	7











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Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

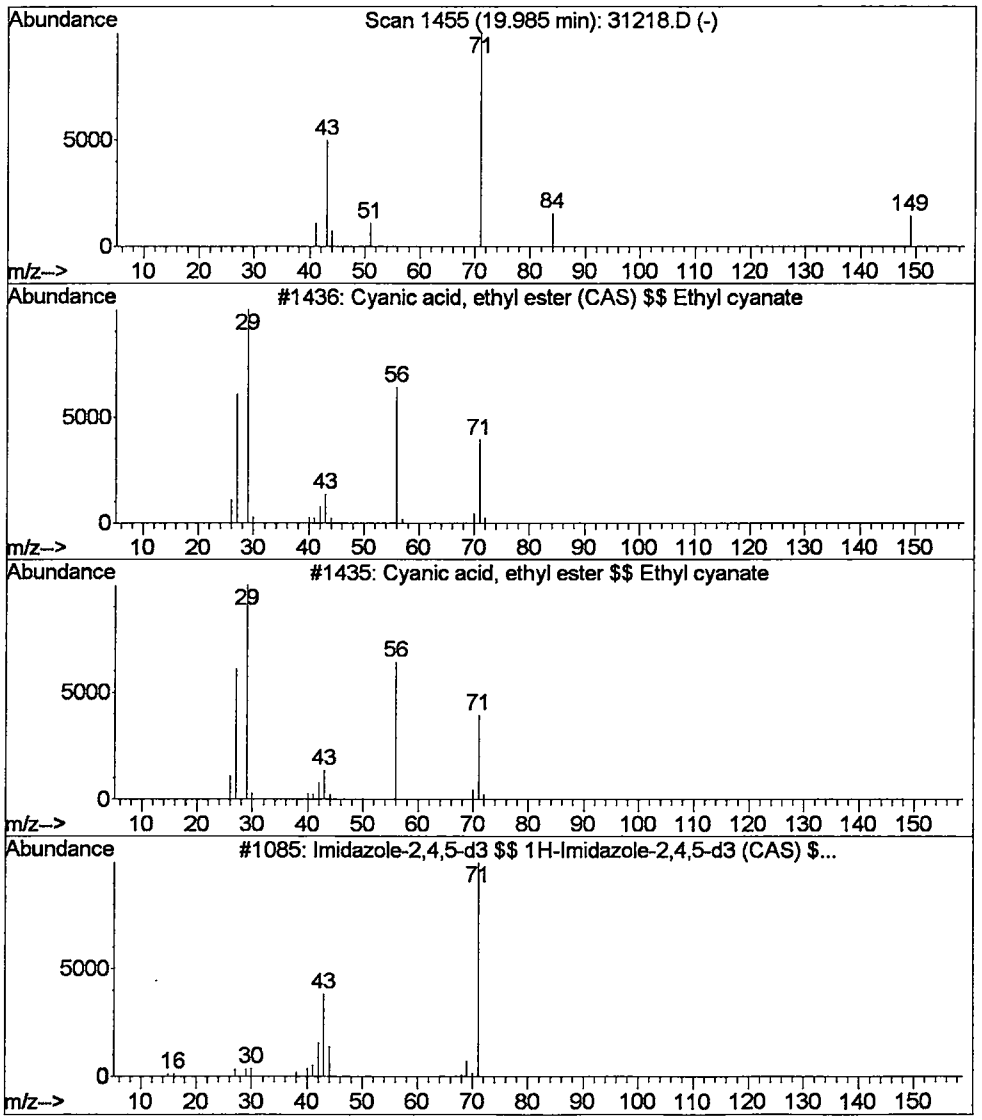
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

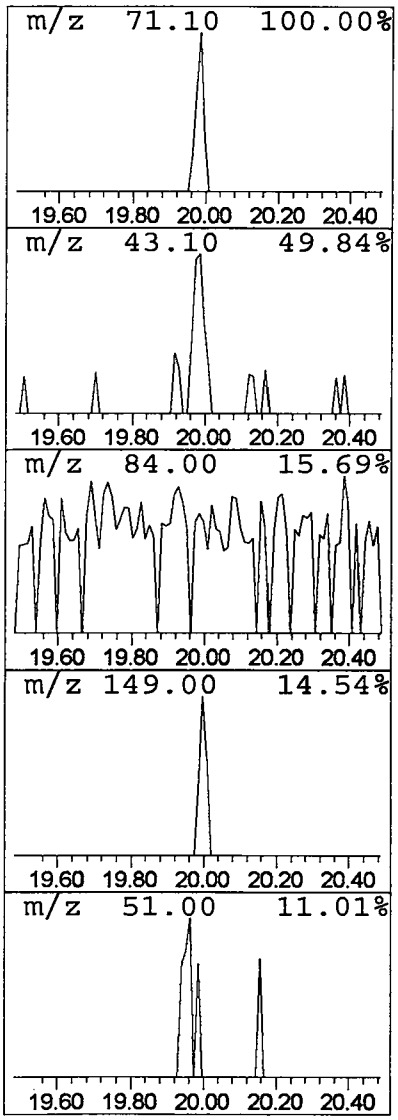
****

Peak Number 9 Cyanic acid, ethyl ester (C... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.99	0.04 ug/L	28949	Acenaphthene-d10	18.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyanic acid, ethyl ester (CAS) $...	71	C3H5NO	000627-48-5	5
2	Cyanic acid, ethyl ester $$ Ethy...	71	C3H5NO	000627-48-5	5
3	Imidazole-2,4,5-d3 $$ 1H-Imidazo...	71	C3HD3N2	006745-43-3	5
4	TETRAHYDROFURFURYLACETATE	144	C7H12O3	000000-00-0	4





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Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
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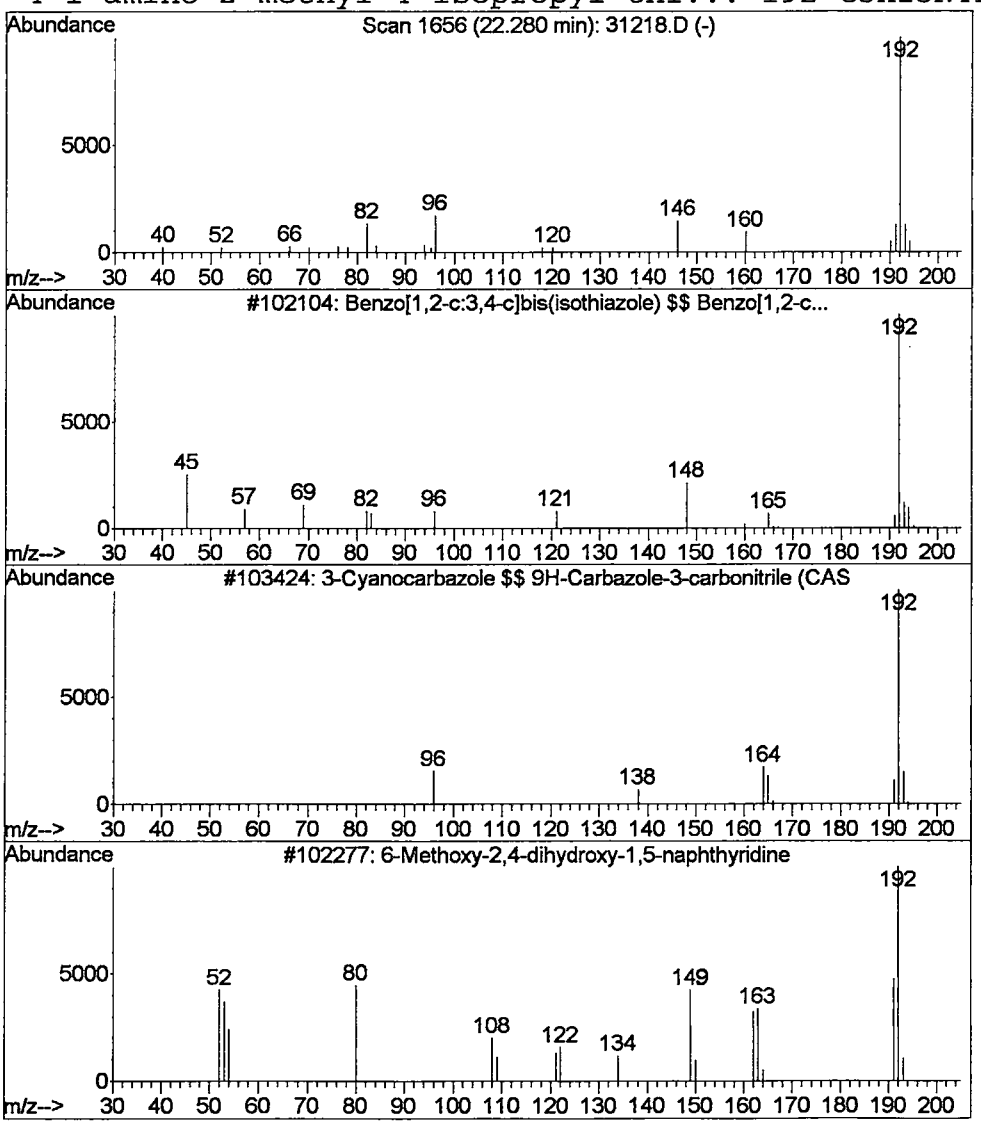
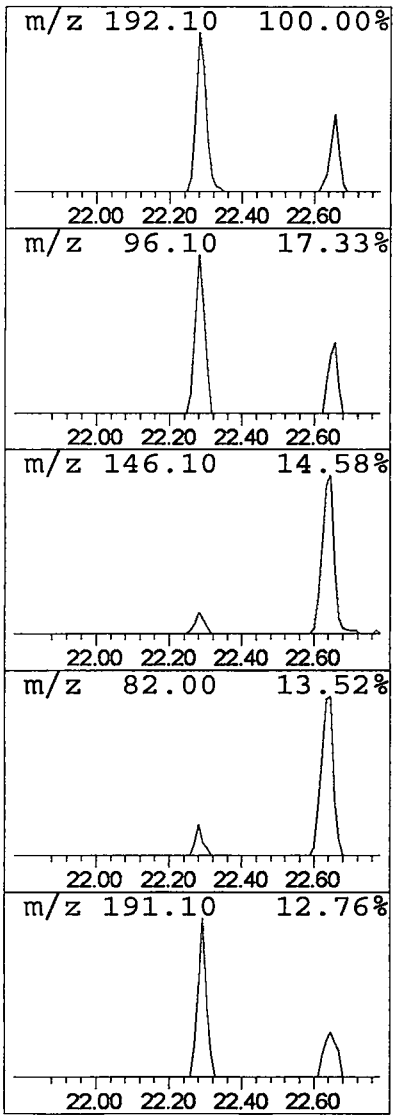
****

Peak Number 10 Benzo[1,2-c:3,4-c]bis(isoth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.14 ug/L	103128	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[1,2-c:3,4-c]bis(isothiazol...	192	C8H4N2S2	074960-05-7	64
2	3-Cyanocarbazole $$ 9H-Carbazole...	192	C13H8N2	057102-93-9	59
3	6-Methoxy-2,4-dihydroxy-1,5-naph...	192	C9H8N2O3	000000-00-0	50
4	1-amino-2-methyl-4-isopropyl-thi...	192	C5H13N4PS	107264-54-0	50





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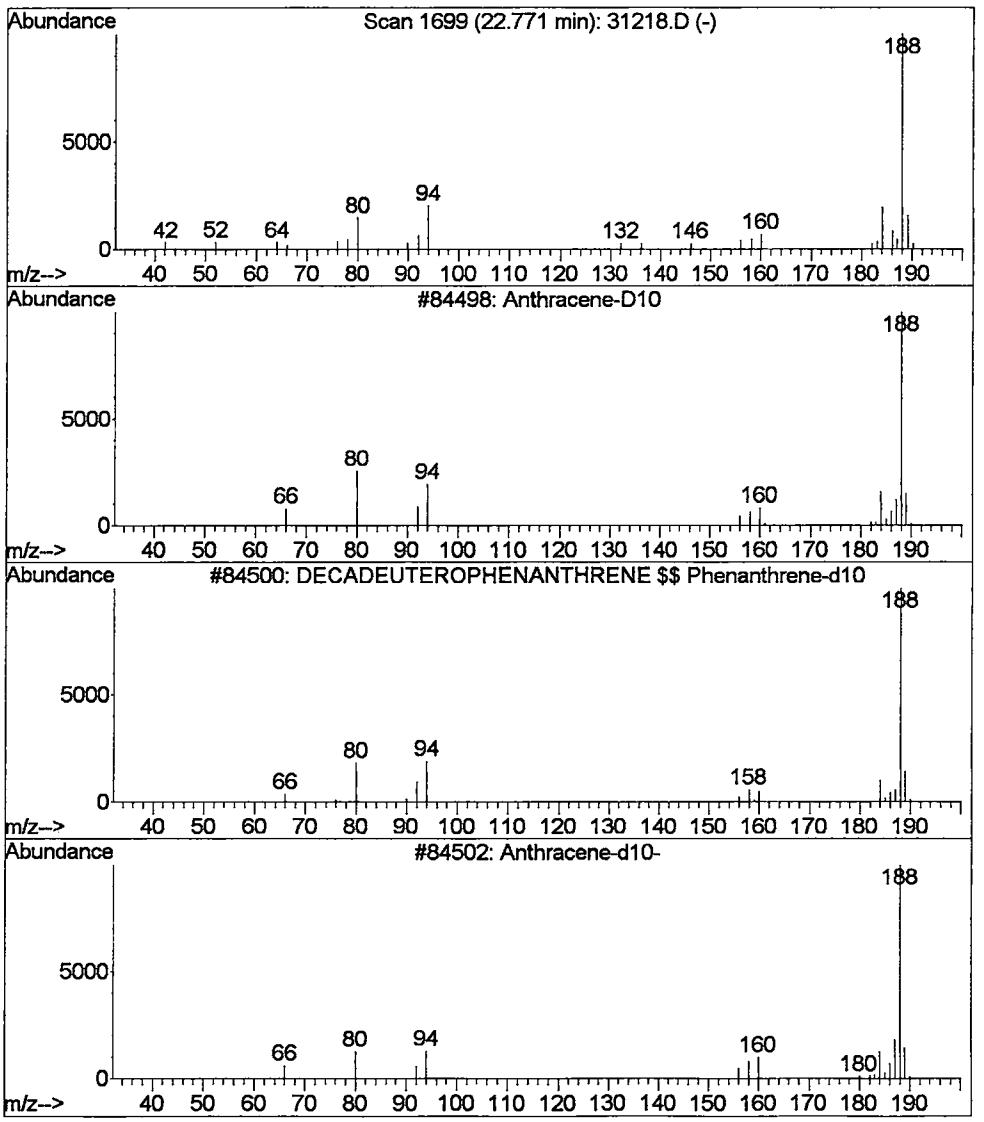
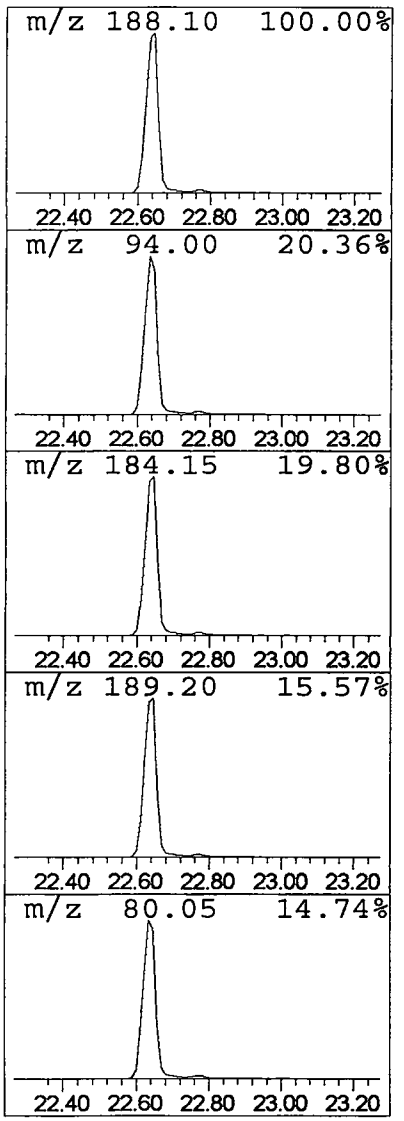
****

Peak Number 11 Anthracene-D10 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.50 ug/L	355337	Phenanthrene-d10	22.65

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	80
3	Anthracene-d10-	188	C14D10	001719-06-8	72
4	Phenanthrene-d10	188	C14D10	001517-22-2	59





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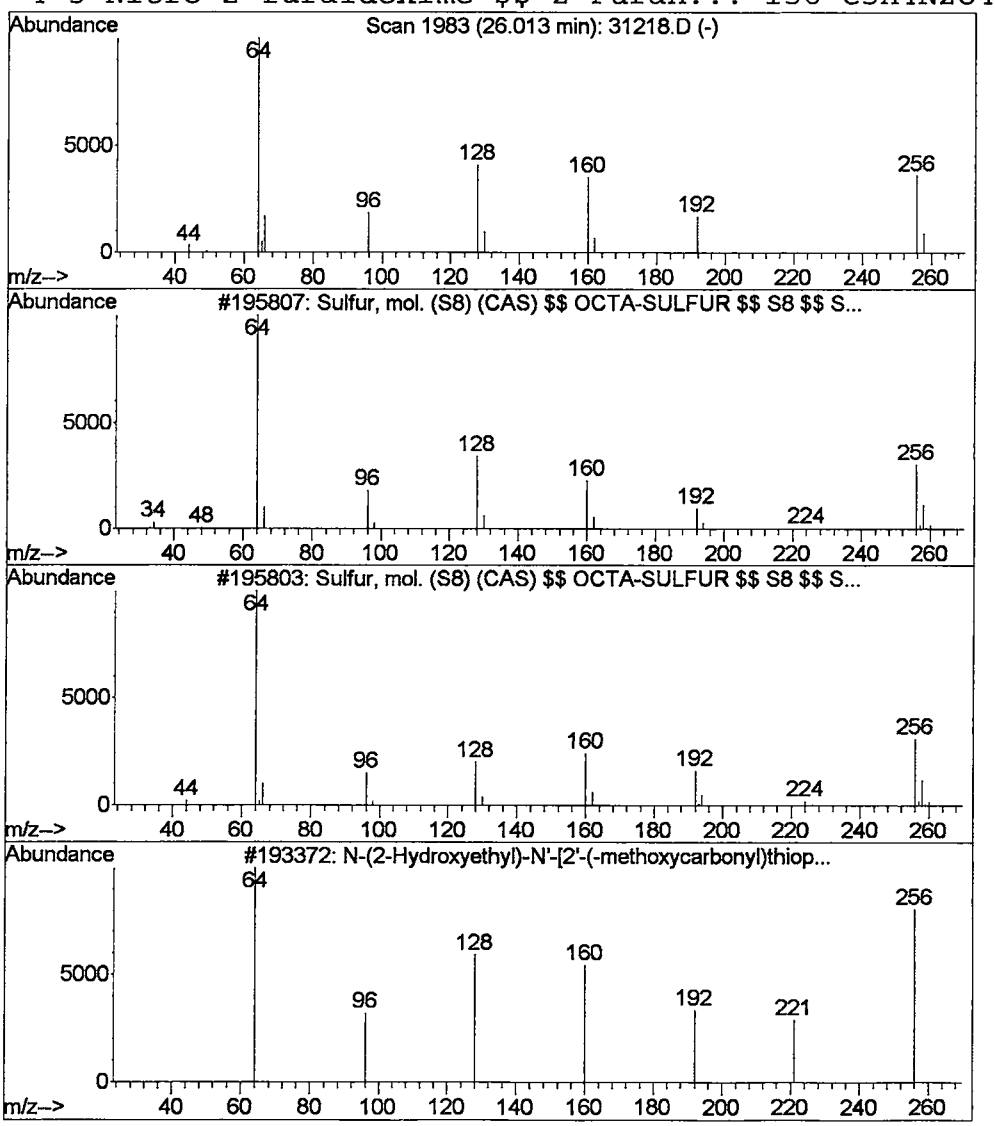
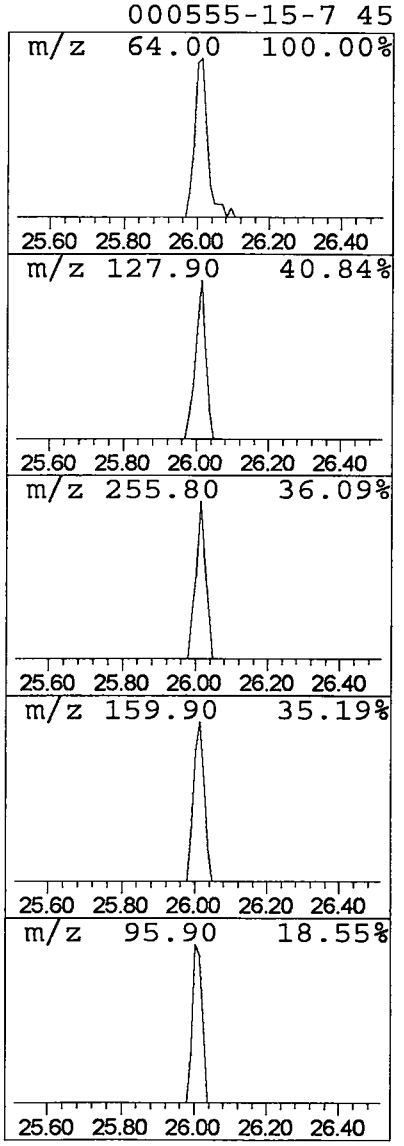
****

Peak Number 12 Sulfur, mol. (S8) (CAS) $$ ... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.01	0.10 ug/L	72448	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur, mol. (S8) (CAS) $$ OCTA-...	256	S8	010544-50-0	91
2	Sulfur, mol. (S8) (CAS) $$ OCTA-...	256	S8	010544-50-0	86
3	N-(2-Hydroxyethyl)-N'-[2'-(-meth...	255	C10H13N3O3S	000000-00-0	64
4	5-Nitro-2-furaldoxime $$ 2-Furan...	156	C5H4N2O4	000555-15-7	45





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Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

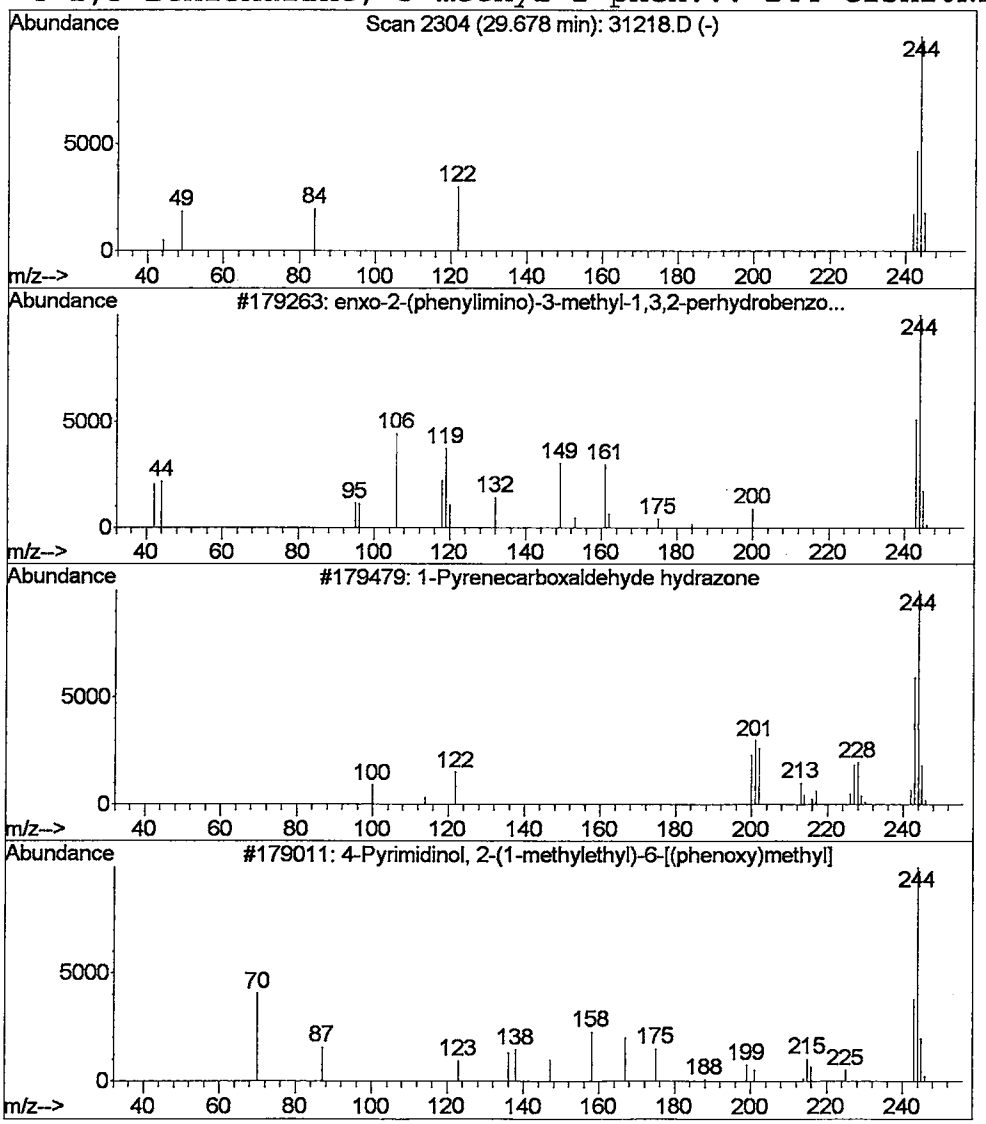
****

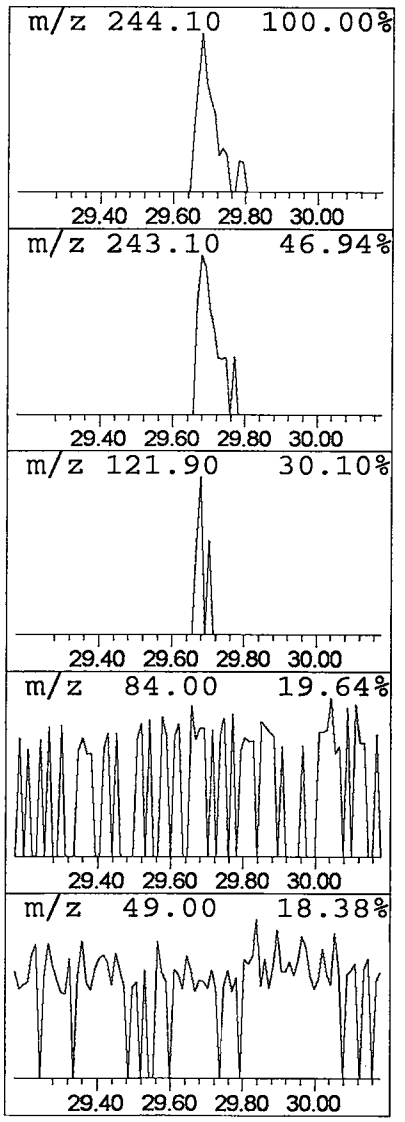
Peak Number 13 enxo-2-(phenylimino)-3-meth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.68	0.05 ug/L	36209	Chrysene-d12	30.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	enxo-2-(phenylimino)-3-methyl-1,...	244	C15H20N2O	105545-43-5	64
2	1-Pyrenecarboxaldehyde hydrazone	244	C17H12N2	076465-53-7	50
3	4-Pyrimidinol, 2-(1-methylethyl)...	244	C14H16N2O2	000000-00-0	45
4	1,3-Benzoxazine, 3-methyl-2-phen...	244	C15H20N2O	000000-00-0	45

NO GOOD MATCH





Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 1 Feb 2002 5:13 pm
Data File: C:\MSDCHEM\1\5973N\02FEB01\31218.D
Name: 508 scan
Misc: February 1, 2002
Method: C:\MSDCHEM\1\METHODS\METHODS\SCAN508.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...	3.61	0.2	ug/L	67699	1	9.72	8642870	20.0
ISOBUTYRALDEHYDE,...	3.93	0.1	ug/L	29493	1	9.72	8642870	20.0
3-(CYCLOHEX-3'-EN...	5.93	0.4	ug/L	193251	1	9.72	8642870	20.0
2-Propanol, 1-(2-...	9.56	0.1	ug/L	55198	1	9.72	8642870	20.0
2-Propanol, 1-(2-...	9.64	0.1	ug/L	38783	1	9.72	8642870	20.0
2-Propanol, 1-(2-...	9.85	0.2	ug/L	91174	1	9.72	8642870	20.0
Cyclopentasiloxan...	12.54	0.1	ug/L	36869	2	13.19	12299400	20.0
2,5-Cyclohexadien...	16.55	0.0	ug/L	32888	3	18.34	13313500	20.0
Cyanic acid, ethy...	19.99	0.0	ug/L	28949	3	18.34	13313500	20.0
Benzo[1,2-c:3,4-c...	22.28	0.1	ug/L	103128	4	22.65	14339600	20.0
Anthracene-D10	22.77	0.5	ug/L	355337	4	22.65	14339600	20.0
Sulfur, mol. (S8)...	26.01	0.1	ug/L	72448	4	22.65	14339600	20.0
enxo-2-(phenylimi...	29.68	0.1	ug/L	36209	5	30.50	13887900	20.0

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/11/2002 Time: 16:49:18

Sample: AD31134
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/11/02 16:48 Ended: 2/11/02 16:48 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		81		5.0

Comments for Sample AD31134 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-11-2002 Time: 16:49:46

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 13 of the 43 compounds in the LCS Standard were above their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB01\31134.D Vial: 3
Acq On : 1 Feb 2002 4:24 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 04 08:34:21 2002 Quant Results File: SCAN508.RES

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Fri Jan 11 13:20:07 2002
Response via : Initial Calibration
DataAcq Meth : SCAN508

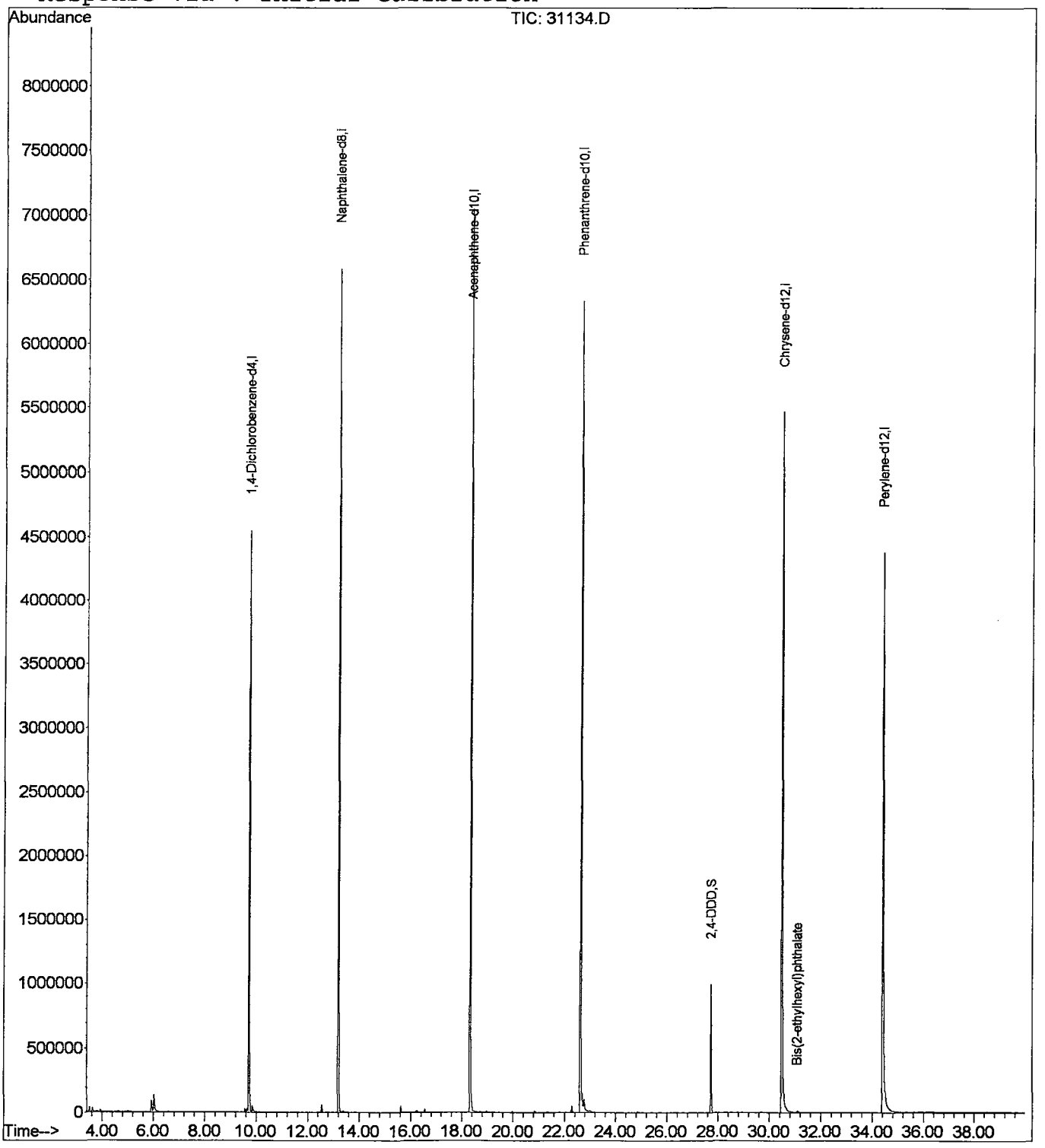
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.72	152	1600764	20.00	ug/L	0.00
10) Naphthalene-d8	13.19	136	6815037	20.00	ug/L	-0.02
17) Acenaphthene-d10	18.34	164	3457928	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.65	188	5491903	20.00	ug/L	-0.02
38) Chrysene-d12	30.50	240	4756577	20.00	ug/L	-0.01
44) Perylene-d12	34.42	264	3517081	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD	27.73	235	353211	4.07	ug/L	0.00
Spiked Amount 5.000			Recovery = 81.40%			
Target Compounds						Qvalue
42) Bis(2-ethylhexyl)phthalate	31.11	149	15539	0.61	ug/L	96

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB01\31134.D Vial: 3
Acq On : 1 Feb 2002 4:24 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 4 9:38 2002 Quant Results File: SCAN508.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Fri Jan 11 13:20:07 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\31134.D Vial: 3
Acq On : 1 Feb 2002 4:24 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.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

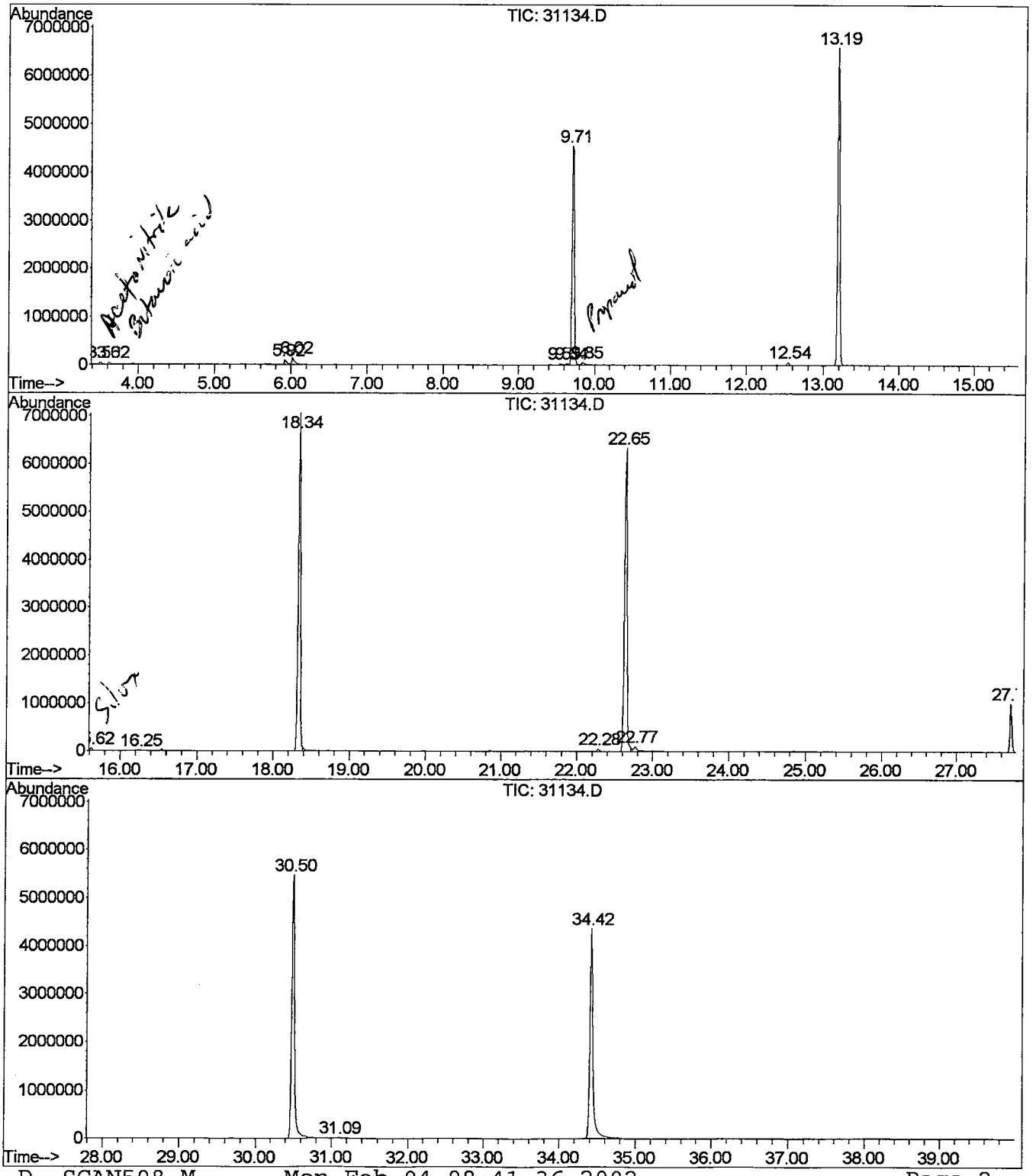
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.499	9	11	17	rVB	41219	68494	0.47%	0.085%
2	3.625	17	22	25	rBV	36358	63033	0.43%	0.078%
3	5.920	221	223	229	rBV	91814	198921	1.36%	0.247%
4	6.023	229	232	255	rVB	137507	382243	2.62%	0.474%
5	9.550	537	541	547	rBV	29526	75912	0.52%	0.094%
6	9.642	547	549	551	rVV	34035	66612	0.46%	0.083%
7	9.710	551	555	561	rVV	4545966	9216890	63.12%	11.436%
8	9.847	561	567	579	rVV	48599	166545	1.14%	0.207%
9	12.542	799	803	811	rVB	61840	105928	0.73%	0.131%
10	13.192	855	860	865	rBV	6581098	13102502	89.73%	16.257%
11	15.624	1067	1073	1077	rVV	50480	93342	0.64%	0.116%
12	16.252	1119	1128	1131	rBV3	16431	53092	0.36%	0.066%
13	18.341	1305	1311	1315	rBV	7046328	13953540	95.55%	17.313%
14	22.280	1651	1656	1661	rBV2	52951	101929	0.70%	0.126%
15	22.646	1681	1688	1693	rBV	6331807	14602774	100.00%	18.119%
16	22.771	1695	1699	1715	rVV	100957	379945	2.60%	0.471%
17	27.726	2129	2133	2139	rVV	994949	1725083	11.81%	2.140%
18	30.500	2369	2376	2413	rBV	5463866	14168357	97.03%	17.580%
19	31.094	2421	2428	2447	rVB5	17818	92711	0.63%	0.115%
20	34.416	2713	2719	2755	rBV	4373949	11977554	82.02%	14.861%

Sum of corrected areas: 80595407

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02FEB01\31134.D
Operator :
Acquired : 1 Feb 2002 4:24 pm using AcqMethod SCAN508
Instrument : Instrumen
Sample Name: 508 scan
Misc Info : February 1, 2002
Vial Number: 3
Quant File :SCAN508.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\31134.D Vial: 3
Acq On : 1 Feb 2002 4:24 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

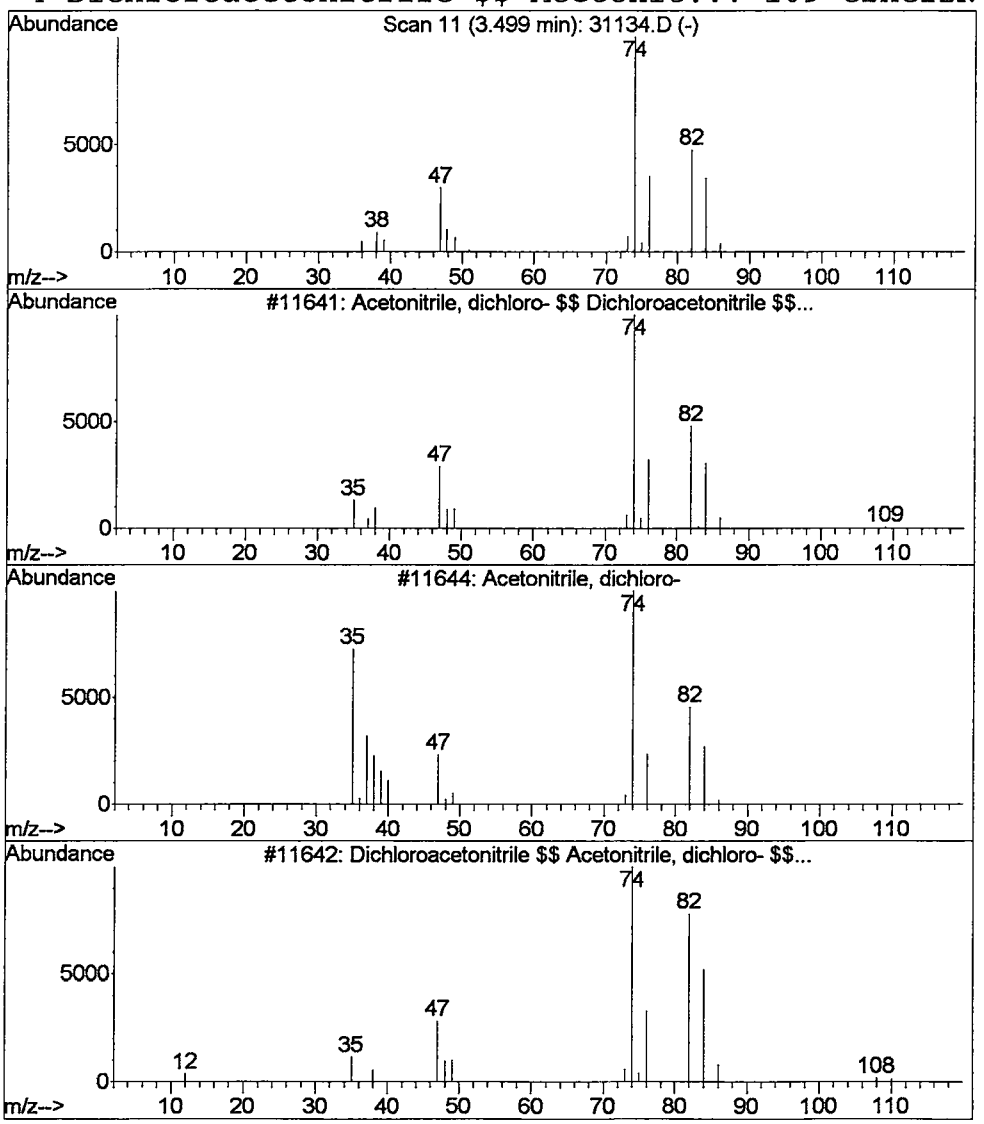
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

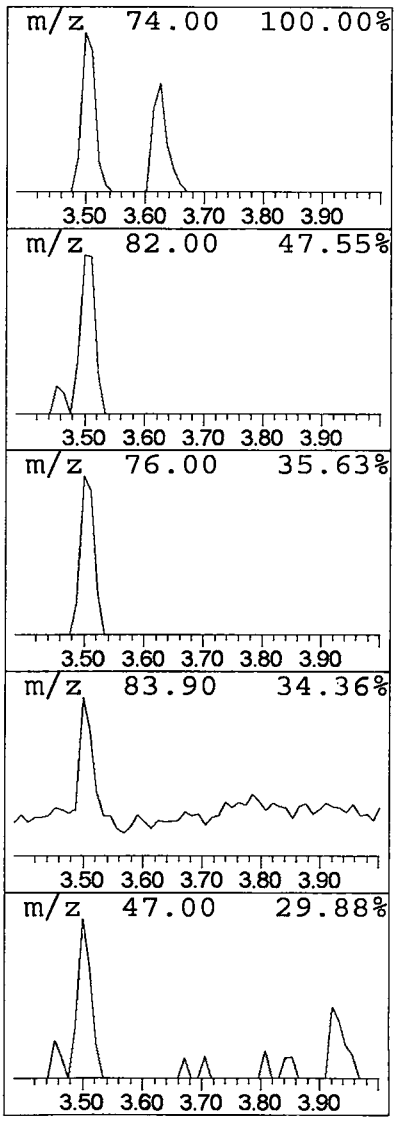
****

Peak Number 1 Acetonitrile, dichloro- $$ ... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.50	0.15 ug/L	68494	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro- $$ Dichl...	109	C2HCl2N	003018-12-0	90
2	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	78
3	Dichloroacetonitrile $$ Acetonit...	109	C2HCl2N	003018-12-0	74
4	Dichloroacetonitrile $$ Acetonit...	109	C2HCl2N	003018-12-0	23





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\31134.D Vial: 3
Acq On : 1 Feb 2002 4:24 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

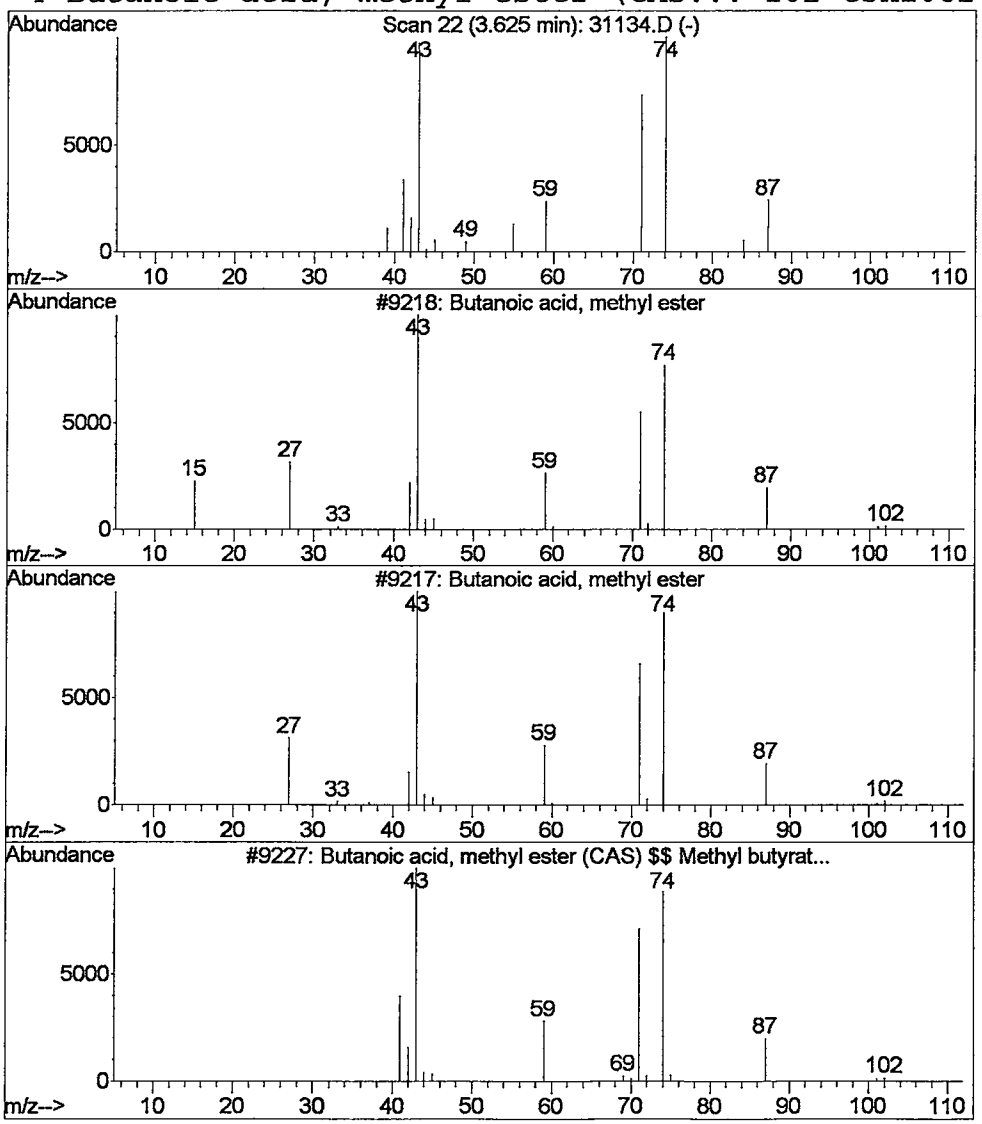
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

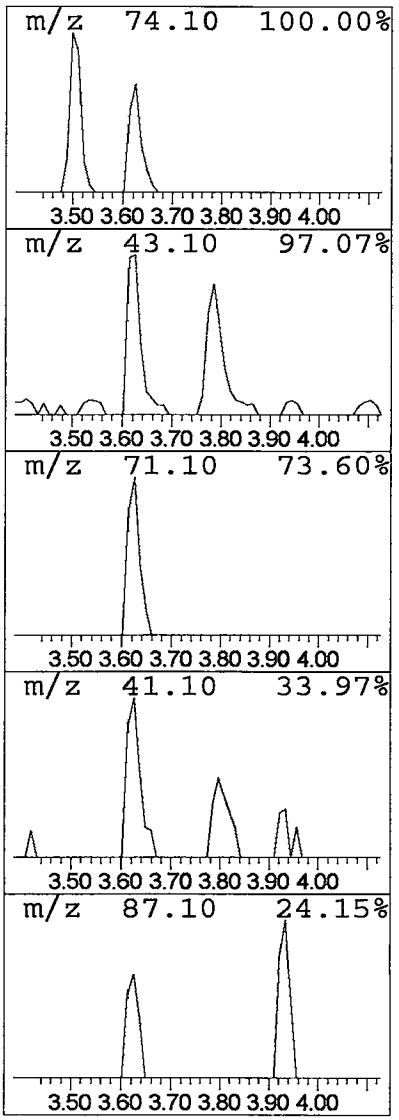
****

Peak Number 2 Butanoic acid, methyl ester Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.62	0.14 ug/L	63033	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	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\02FEB01\31134.D Vial: 3
Acq On : 1 Feb 2002 4:24 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

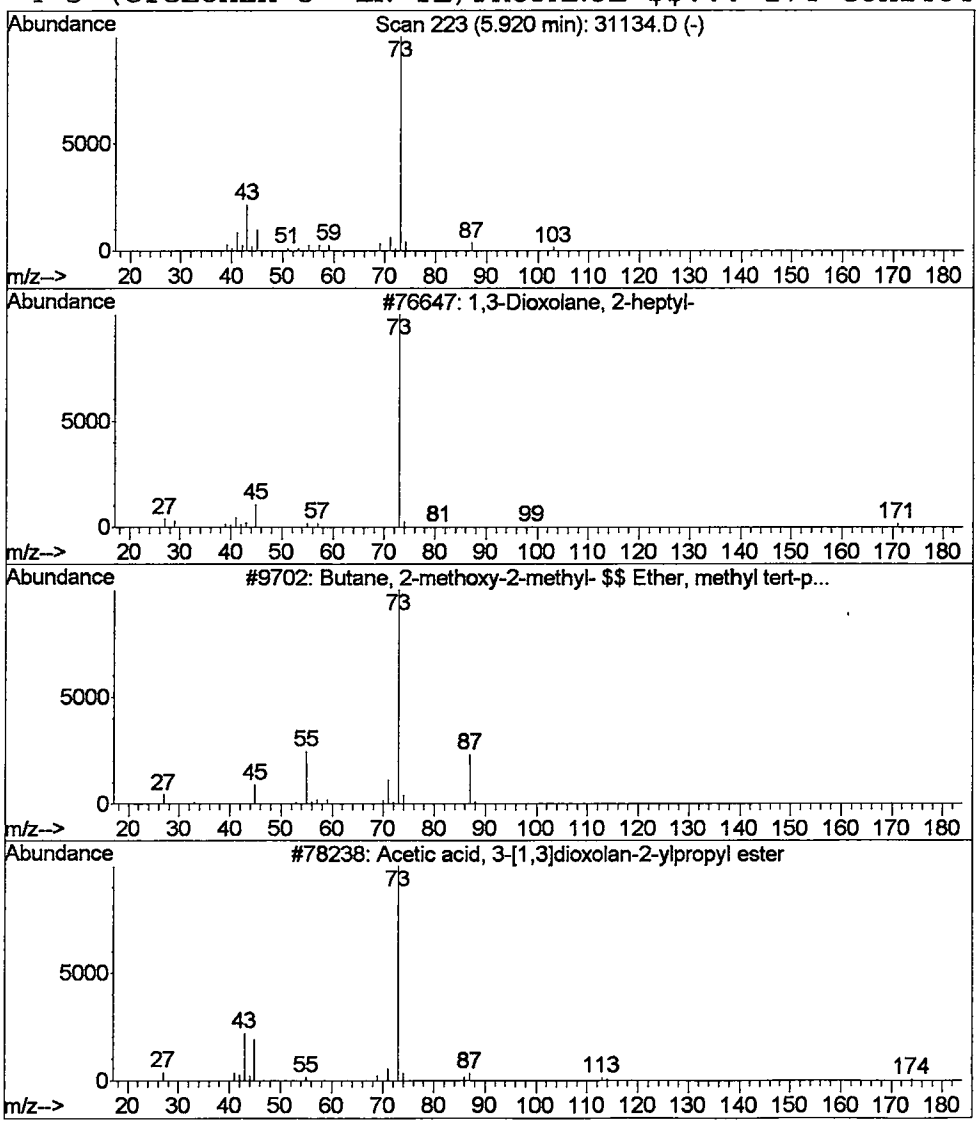
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

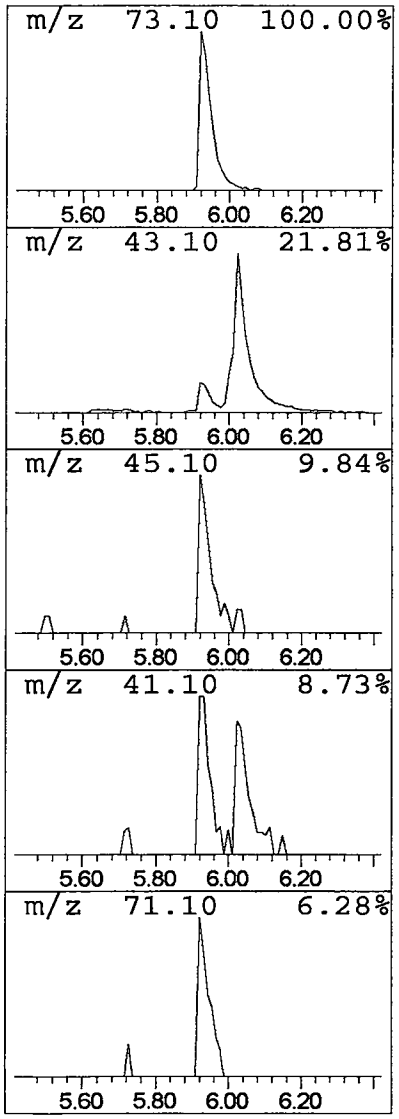
****

Peak Number 3 1,3-Dioxolane, 2-heptyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.92	0.43 ug/L	198921	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-heptyl-	172	C10H20O2	004359-57-3	40
2	Butane, 2-methoxy-2-methyl- $$ E...	102	C6H14O	000994-05-8	36
3	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	33
4	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	33





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\31134.D Vial: 3
Acq On : 1 Feb 2002 4:24 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

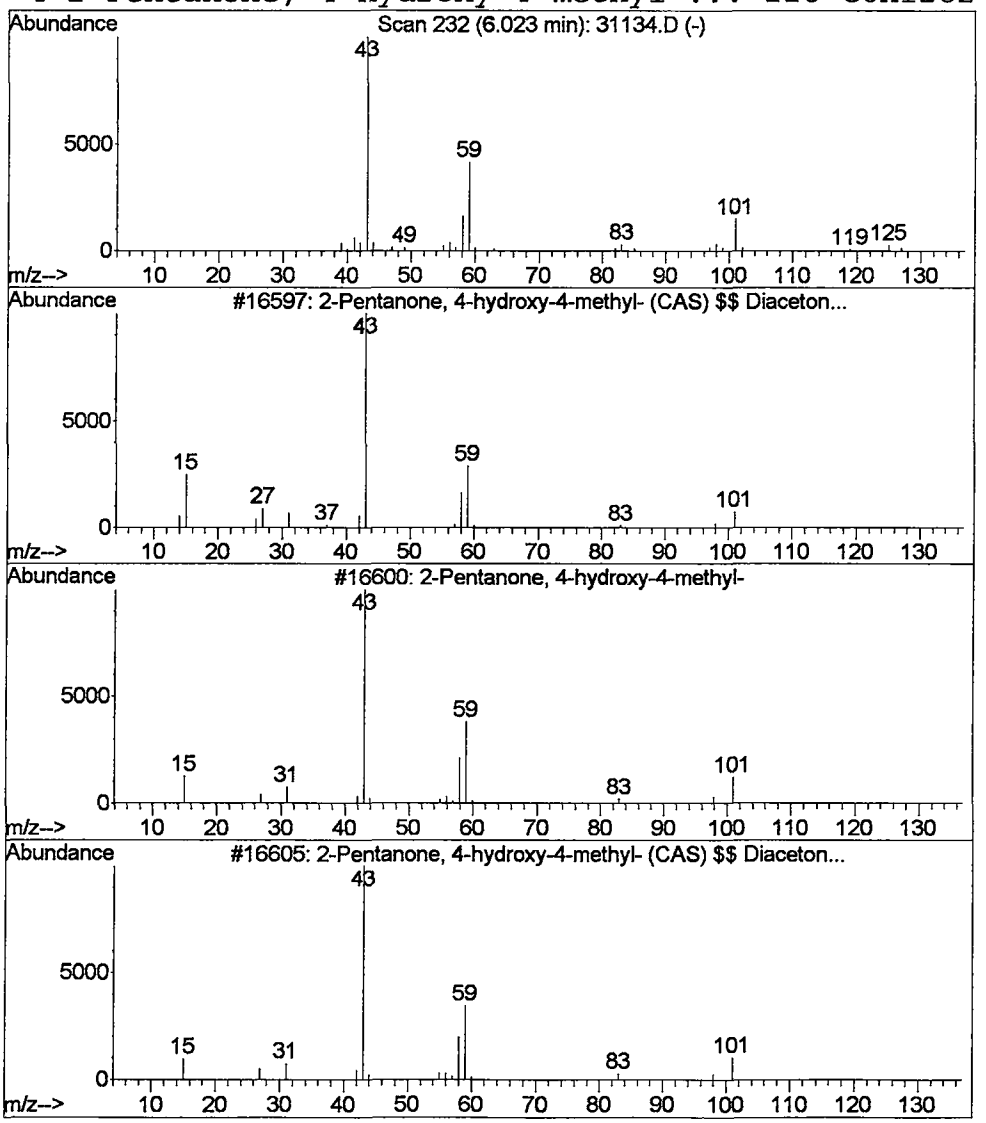
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

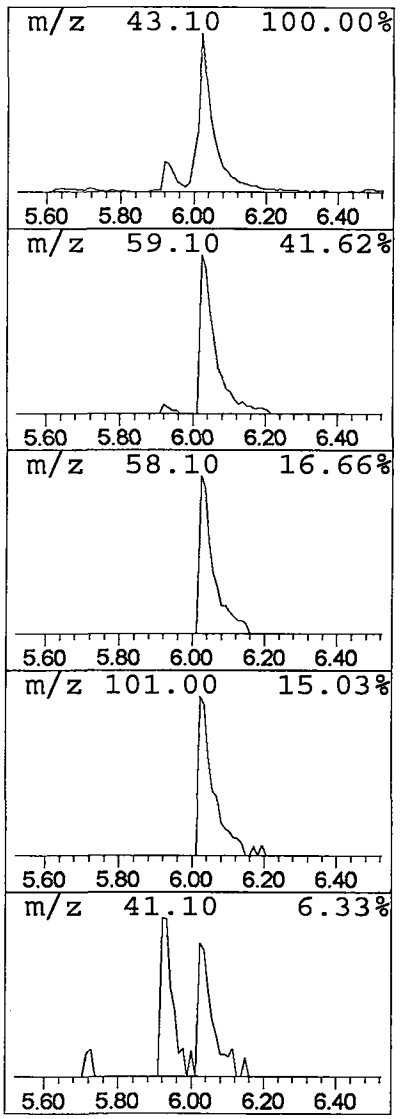
****

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.02	0.83 ug/L	382243	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	72
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
3	2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	72
4	2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	72





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\31134.D Vial: 3
Acq On : 1 Feb 2002 4:24 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

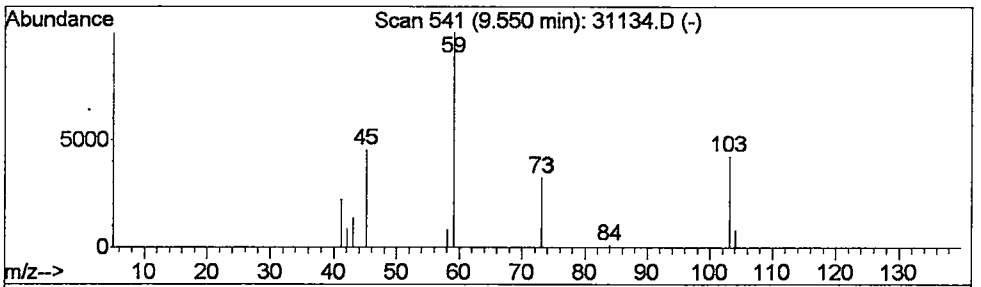
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

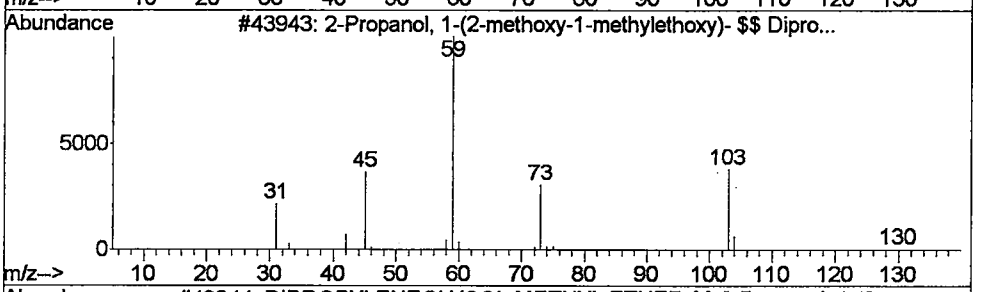
****

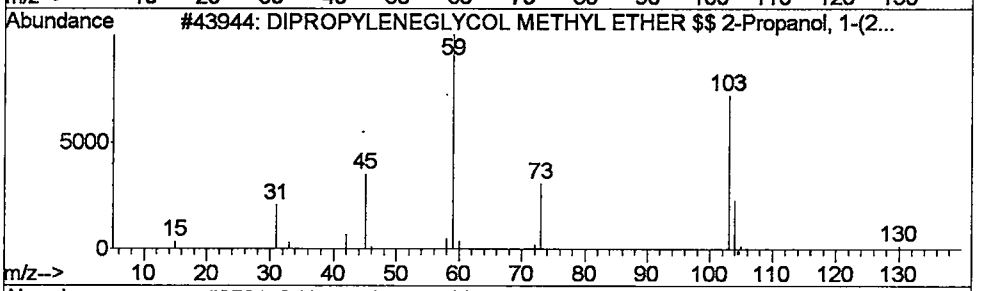
Peak Number 5 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 5

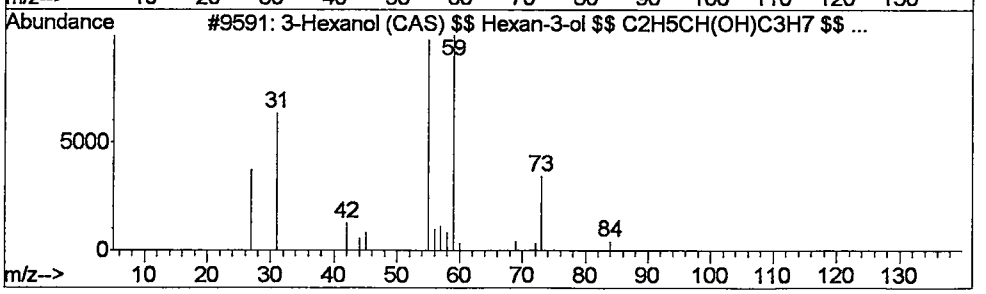
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	0.16 ug/L	75912	1,4-Dichlorobenzene-d4	9.72

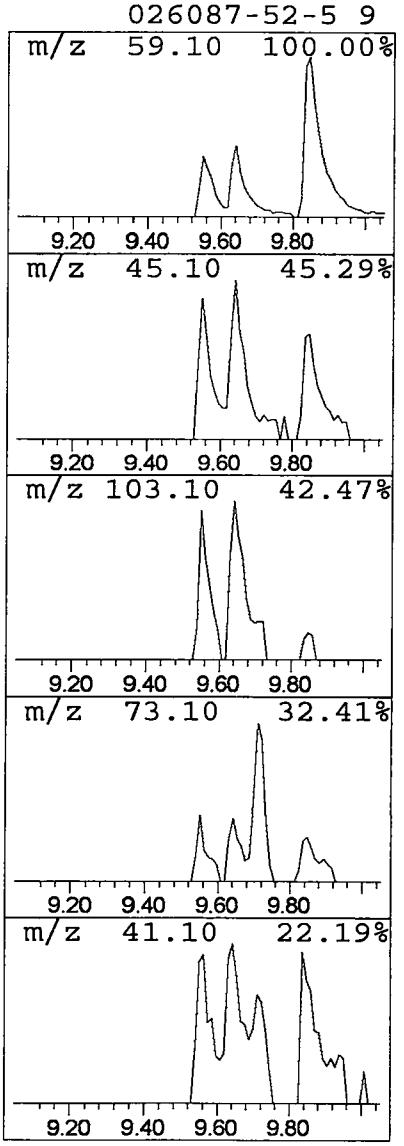
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	72
2	DIPROPYLENEGLYCOL METHYL ETHER $...	148	C7H16O3	020324-32-7	40
3	3-Hexanol (CAS) $$ Hexan-3-ol $$...	102	C6H14O	000623-37-0	9
4	5-TRIDEUTEROMETHYLTETRAZOLE	87	C2HD3N4	026087-52-5	9











Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\31134.D Vial: 3
Acq On : 1 Feb 2002 4:24 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

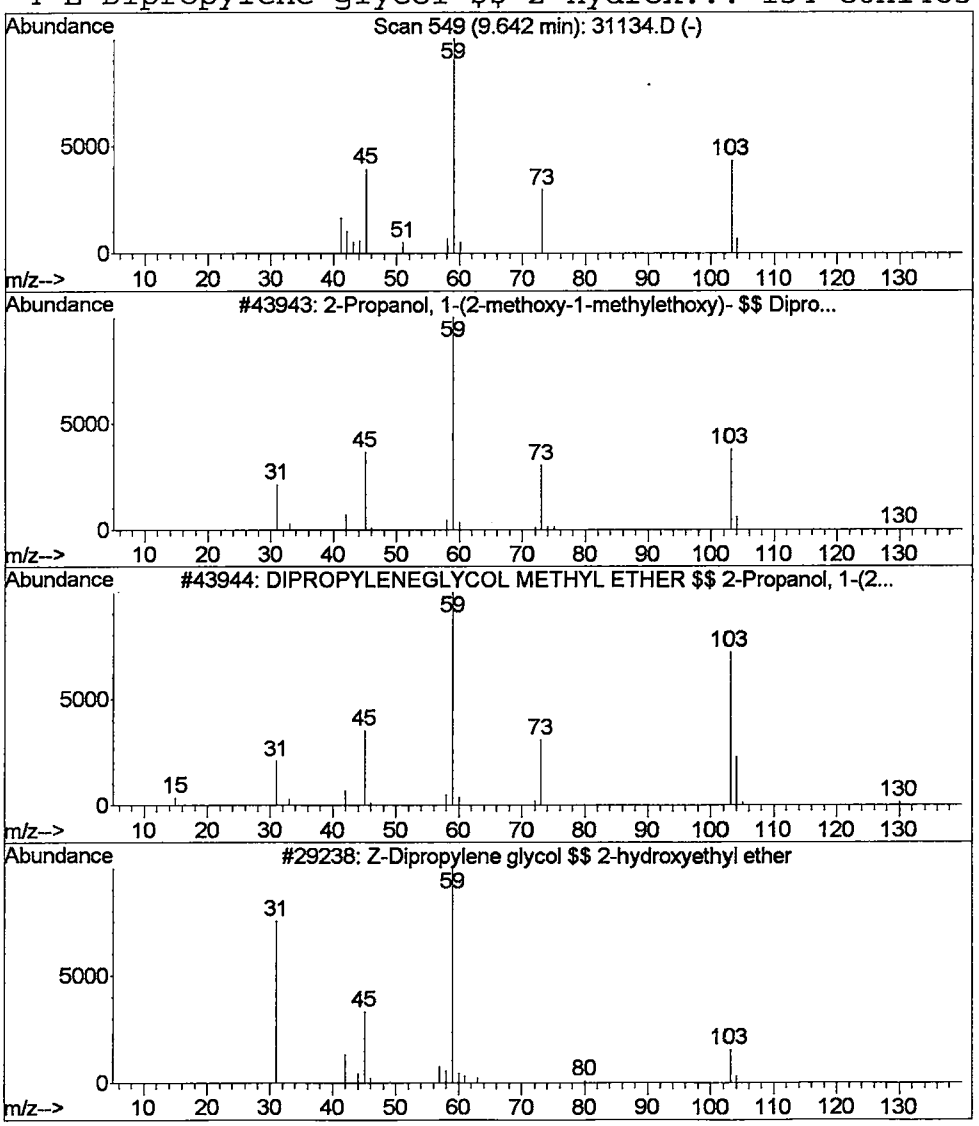
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

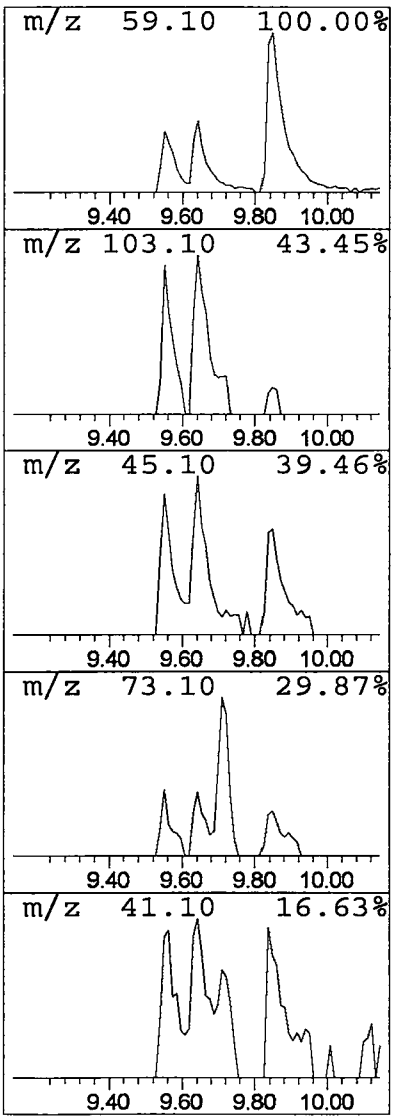
****

Peak Number 6 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	0.14 ug/L	66612	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	72
2	DIPROPYLENEGLYCOL METHYL ETHER $...	148	C7H16O3	020324-32-7	56
3	Z-Dipropylene glycol $$ 2-hydrox...	134	C6H14O3	000000-00-0	45
4	E-Dipropylene glycol $$ 2-hydrox...	134	C6H14O3	000000-00-0	45





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\31134.D Vial: 3
Acq On : 1 Feb 2002 4:24 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

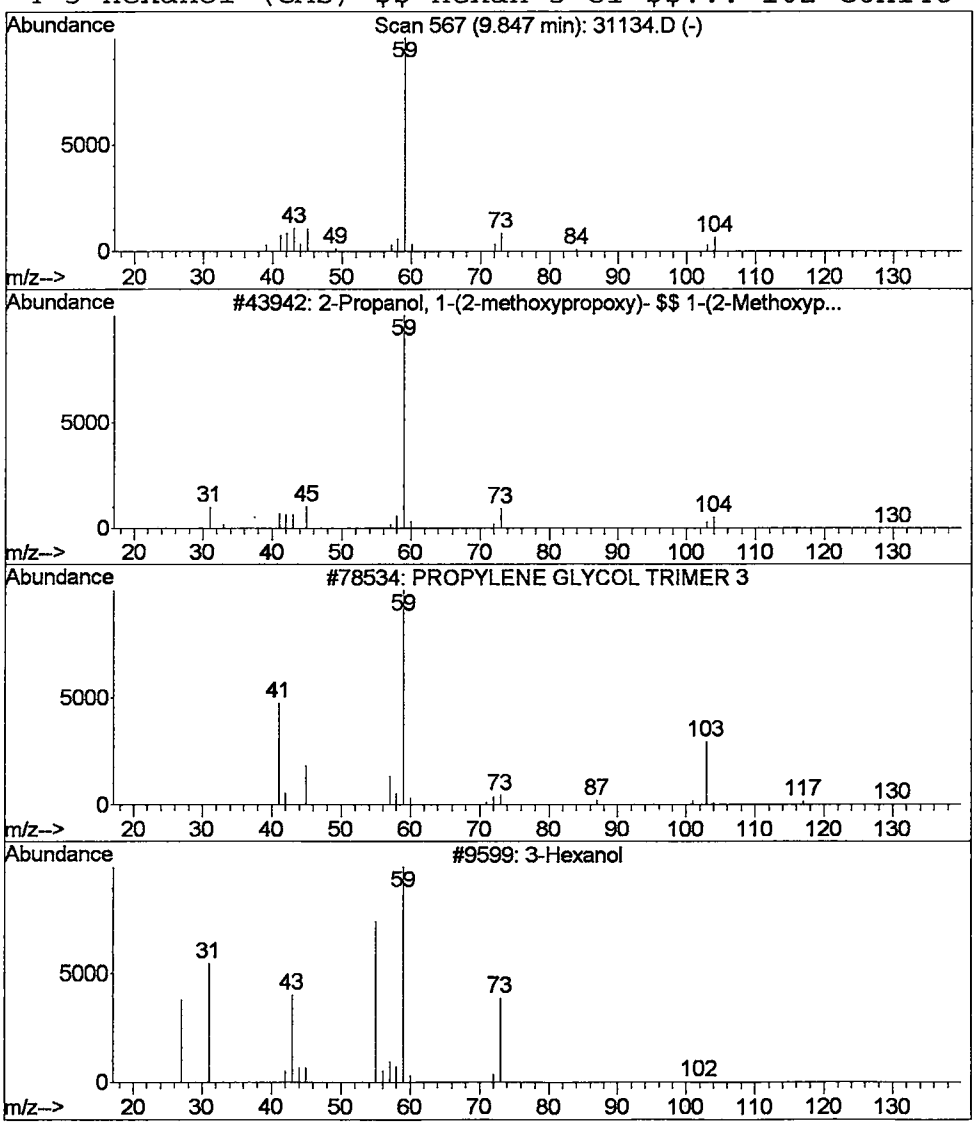
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

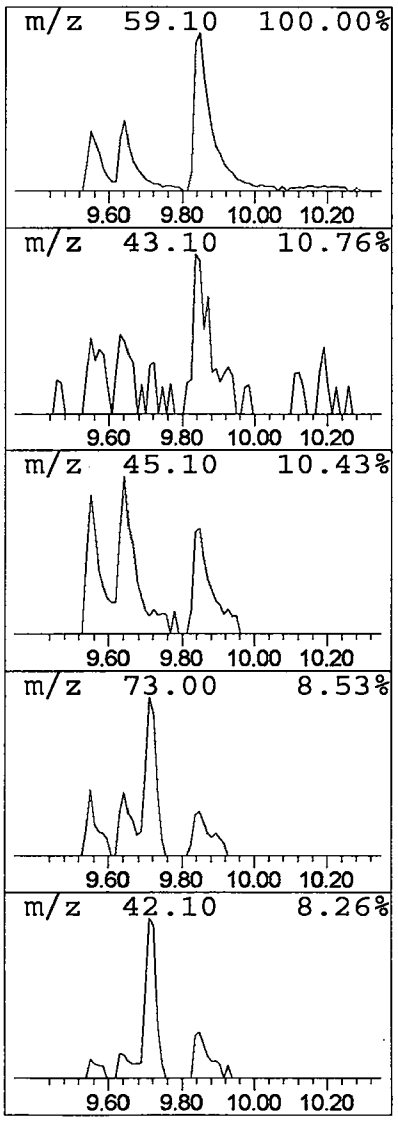
****

Peak Number 7 2-Propanol, 1-(2-methoxypro... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	0.36 ug/L	166545	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	PROPYLENE GLYCOL TRIMER 3	174	C9H18O3	000000-00-0	64
3	3-Hexanol	102	C6H14O	000623-37-0	40
4	3-Hexanol (CAS) $$ Hexan-3-ol $$...	102	C6H14O	000623-37-0	39





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\31134.D Vial: 3
Acq On : 1 Feb 2002 4:24 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

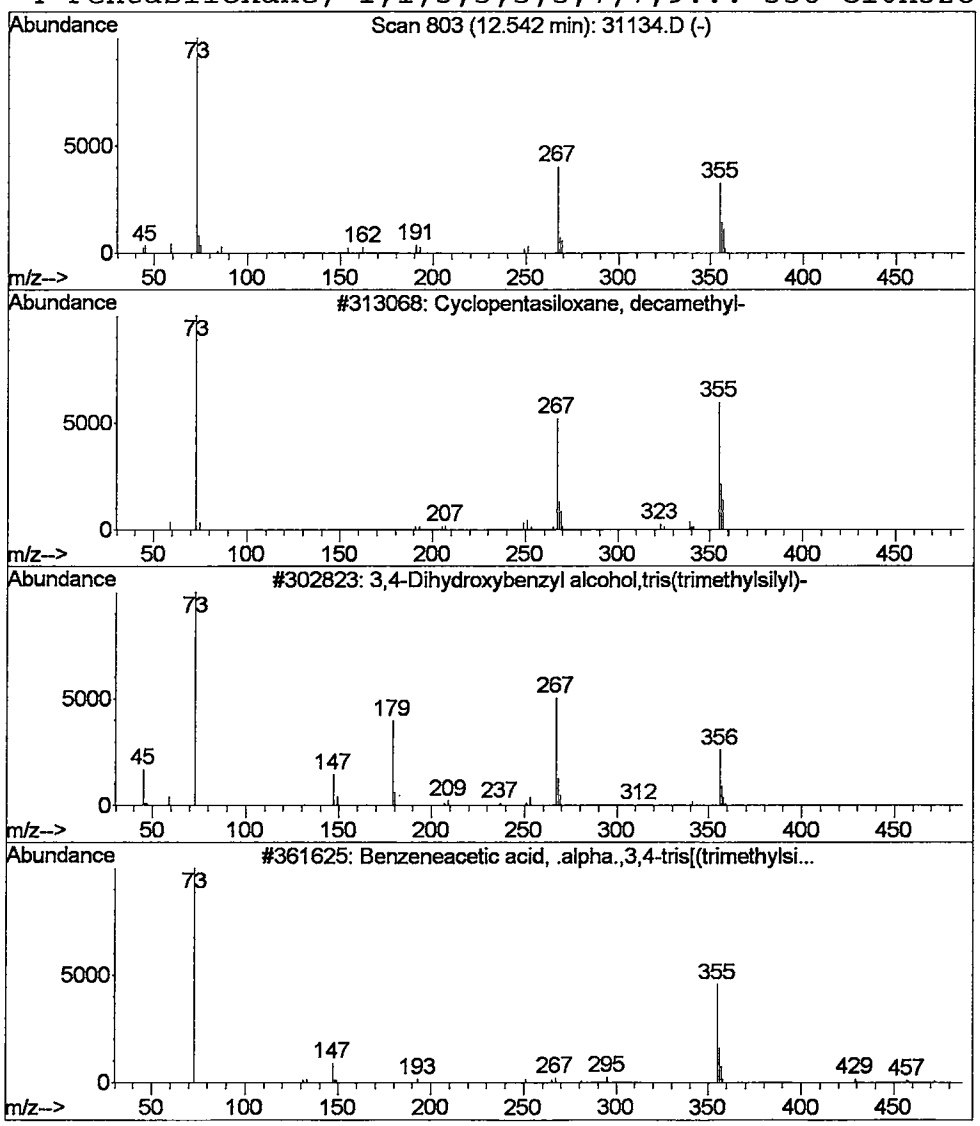
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

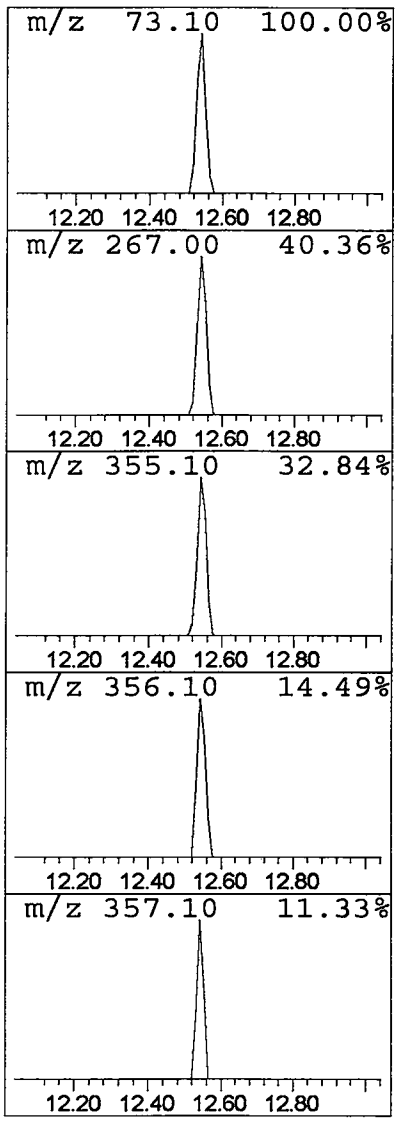
****

Peak Number 8 Cyclopentasiloxane, decamet... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	0.16 ug/L	105928	Naphthalene-d8	13.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	78
2	3,4-Dihydroxybenzyl alcohol,tris...	356	C16H32O3Si3	068595-79-9	50
3	Benzeneacetic acid, .alpha.,3,4-...	472	C20H40O5Si4	037148-65-5	43
4	Pentasiloxane, 1,1,3,3,5,5,7,7,9...	356	C10H32O4Si5	000995-83-5	38





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\31134.D Vial: 3
Acq On : 1 Feb 2002 4:24 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

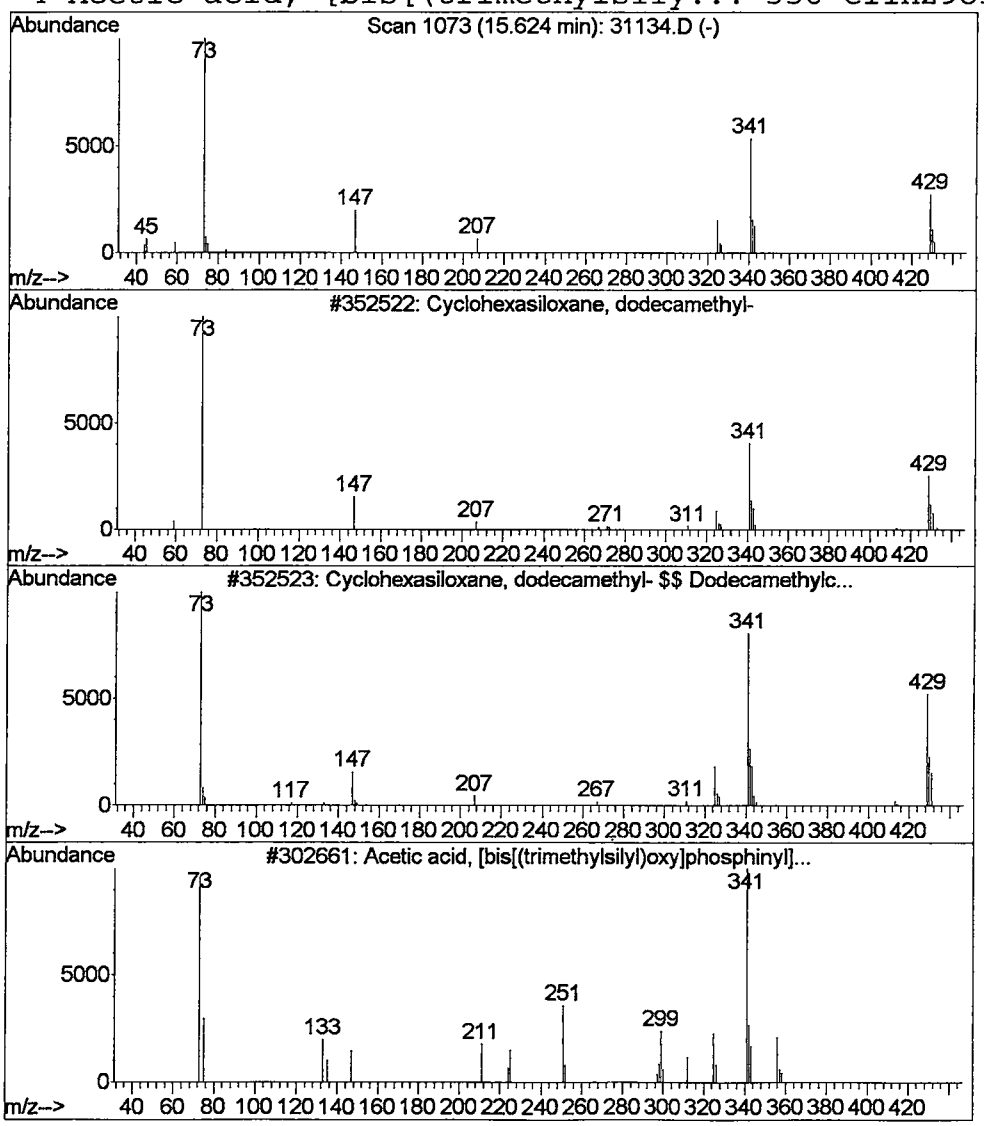
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

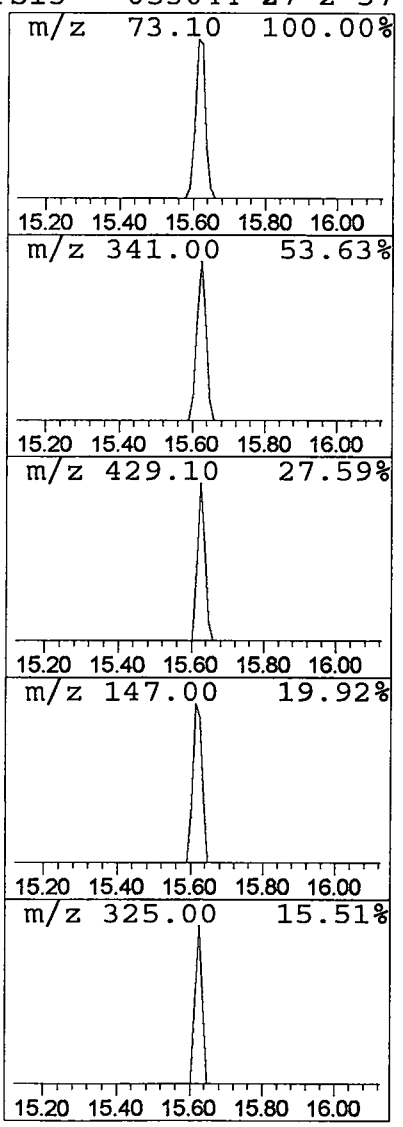
****

Peak Number 9 Cyclohexasiloxane, dodecame... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	0.14 ug/L	93342	Naphthalene-d8	13.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	91
2	Cyclohexasiloxane, dodecamethyl-...	444	C12H36O6Si6	000540-97-6	80
3	Acetic acid, [bis[(trimethylsily...	356	C11H29O5PSi3	053044-27-2	37
4	Acetic acid, [bis[(trimethylsily...	356	C11H29O5PSi3	053044-27-2	37





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\31134.D Vial: 3
Acq On : 1 Feb 2002 4:24 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

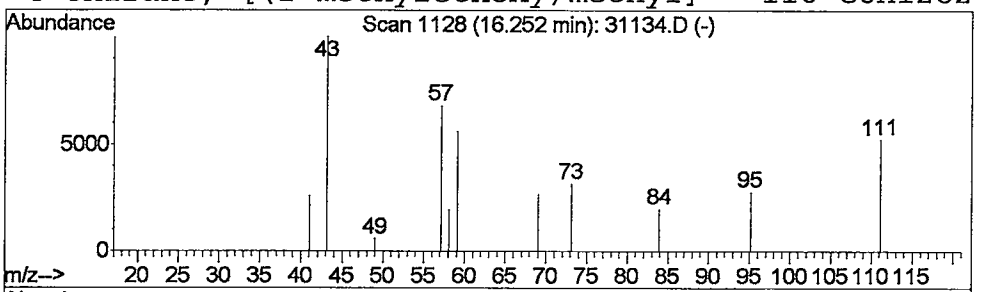
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

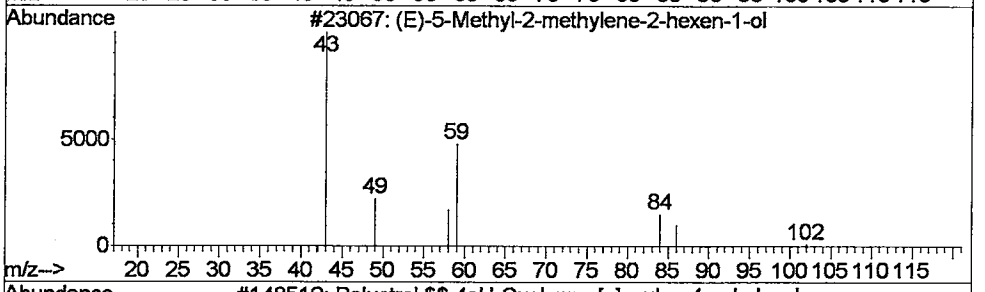
****

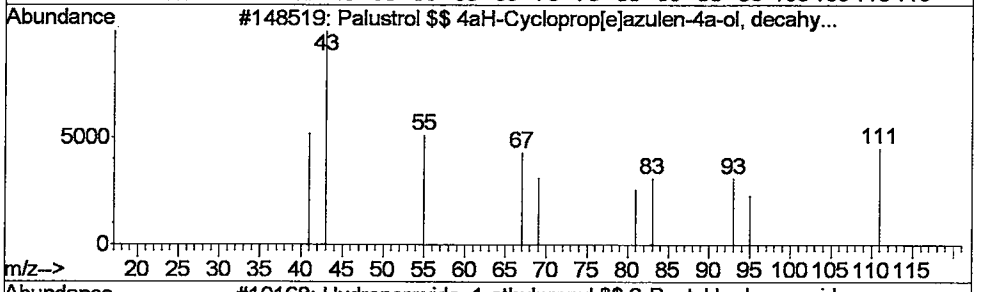
Peak Number 10 (E)-5-Methyl-2-methylene-2-... Concentration Rank 12

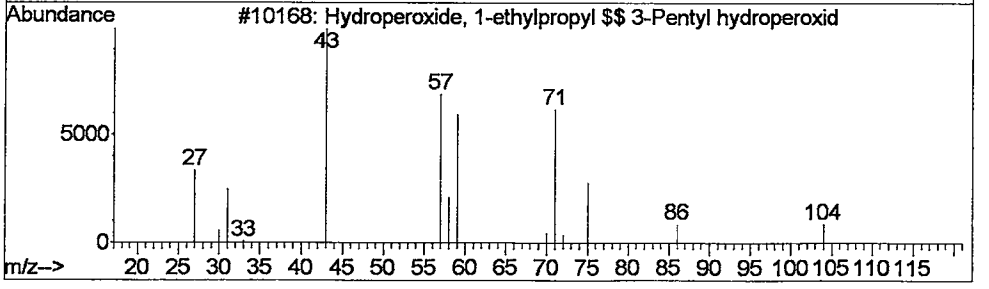
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.25	0.08 ug/L	53092	Acenaphthene-d10	18.34

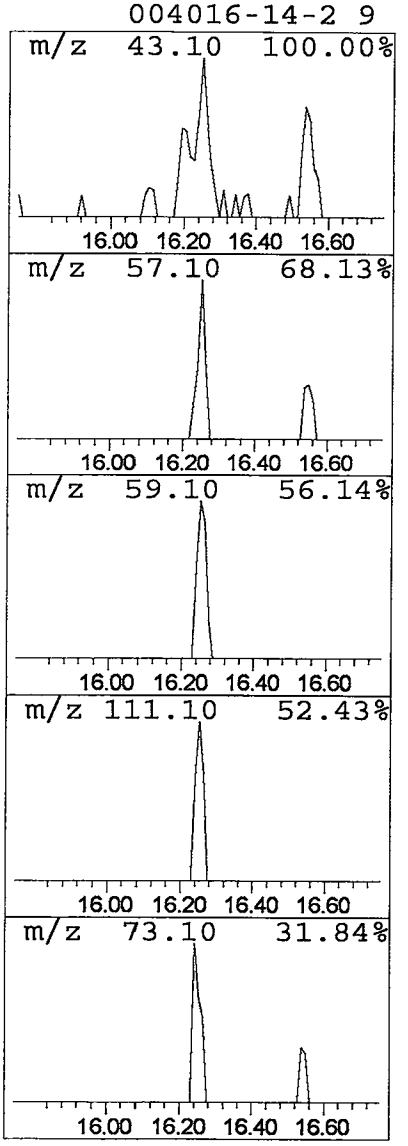
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-5-Methyl-2-methylene-2-hexen...	126	C8H14O	000000-00-0	9
2	Palustrol $$ 4aH-Cycloprop[e]azu...	222	C15H26O	005986-49-2	9
3	Hydroperoxide, 1-ethylpropyl $$ ...	104	C5H12O2	024254-57-7	9
4	Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	9











Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\31134.D Vial: 3
Acq On : 1 Feb 2002 4:24 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

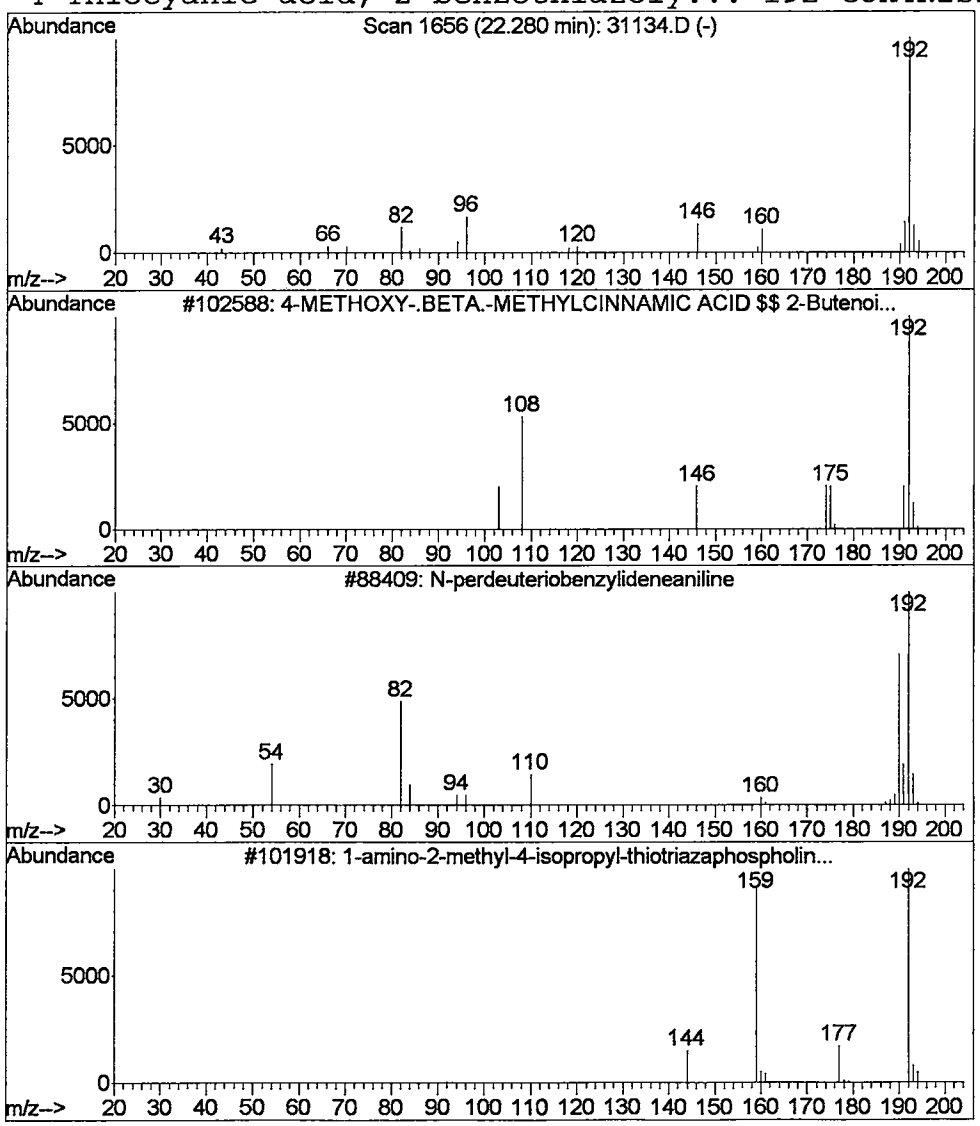
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

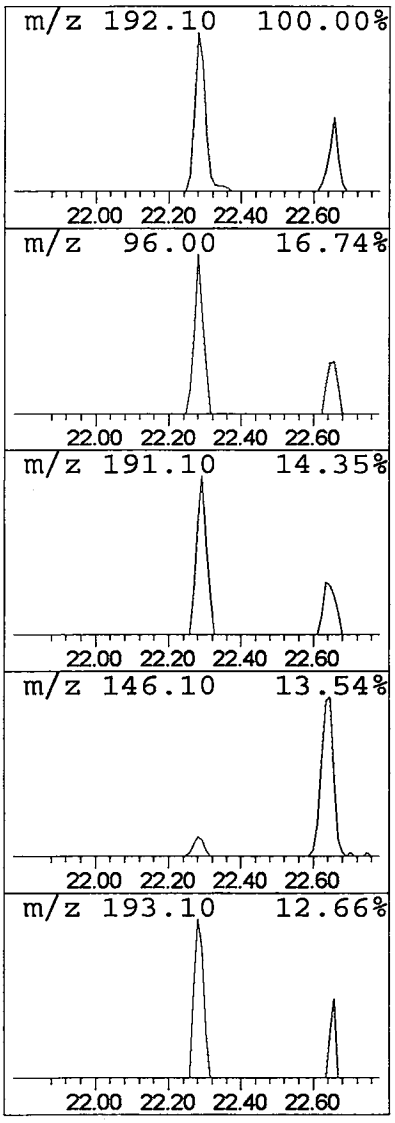
****

Peak Number 11 4-METHOXY-.BETA.-METHYLCINN... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.14 ug/L	101929	Phenanthrene-d10	22.65

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	58
3	1-amino-2-methyl-4-isopropyl-thi...	192	C5H13N4PS	107264-54-0	50
4	Thiocyanic acid, 2-benzothiazoly...	192	C8H4N2S2	006011-99-0	45





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\31134.D Vial: 3
Acq On : 1 Feb 2002 4:24 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

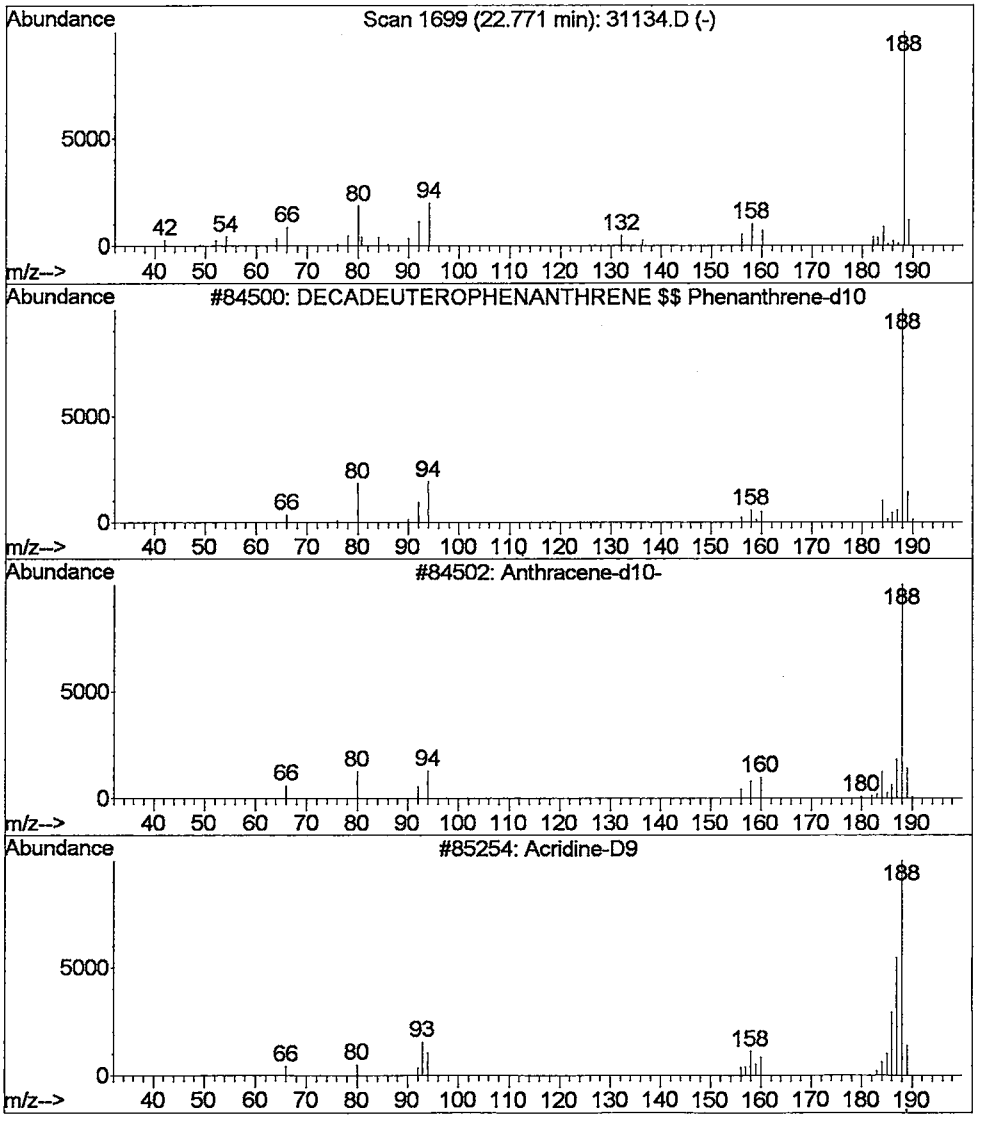
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

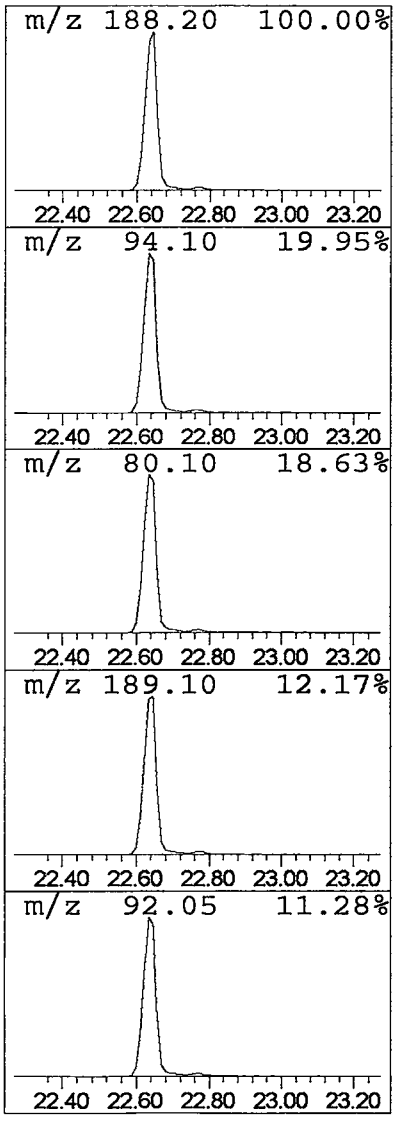
****

Peak Number 12 DECADEUTEROPHENANTHRENE $$ ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.52 ug/L	379945	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	87
2	Anthracene-d10-	188	C14D10	001719-06-8	83
3	Acridine-D9	188	C13D9N	000000-00-0	72
4	Acridine-D9	188	C13D9N	000000-00-0	68





Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 1 Feb 2002 4:24 pm
Data File: C:\MSDCHEM\1\5973N\02FEB01\31134.D
Name: 508 scan
Misc: February 1, 2002
Method: C:\MSDCHEM\1\METHODS\METHODS\SCAN508.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...	3.50	0.1	ug/L	68494	1	9.72	9216890	20.0
Butanoic acid, me...	3.62	0.1	ug/L	63033	1	9.72	9216890	20.0
1,3-Dioxolane, 2-...	5.92	0.4	ug/L	198921	1	9.72	9216890	20.0
2-Pentanone, 4-hy...	6.02	0.8	ug/L	382243	1	9.72	9216890	20.0
2-Propanol, 1-(2-...	9.55	0.2	ug/L	75912	1	9.72	9216890	20.0
2-Propanol, 1-(2-...	9.64	0.1	ug/L	66612	1	9.72	9216890	20.0
2-Propanol, 1-(2-...	9.85	0.4	ug/L	166545	1	9.72	9216890	20.0
Cyclopentasiloxan...	12.54	0.2	ug/L	105928	2	13.19	13102500	20.0
Cyclohexasiloxane...	15.62	0.1	ug/L	93342	2	13.19	13102500	20.0
(E)-5-Methyl-2-me...	16.25	0.1	ug/L	53092	3	18.34	13953500	20.0
4-METHOXY-.BETA.-...	22.28	0.1	ug/L	101929	4	22.65	14602800	20.0
DECADEUTEROPHENAN...	22.77	0.5	ug/L	379945	4	22.65	14602800	20.0

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/11/2002 Time: 16:51:12

Sample: AD30705
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/28/02 14:18 Ended: 1/28/02 14:18 Analyst: DLV
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		96		5.0

Comments for Sample AD30705 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-11-2002 Time: 16:51:33

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recovery for 1 of the 43 compounds in the LCS Standard was below its acceptance range. Reextraction and reanalysis confirms these results.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB01\30705.D Vial: 2
Acq On : 1 Feb 2002 3:34 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 04 08:34:19 2002 Quant Results File: SCAN508.RES

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Fri Jan 11 13:20:07 2002
Response via : Initial Calibration
DataAcq Meth : SCAN508

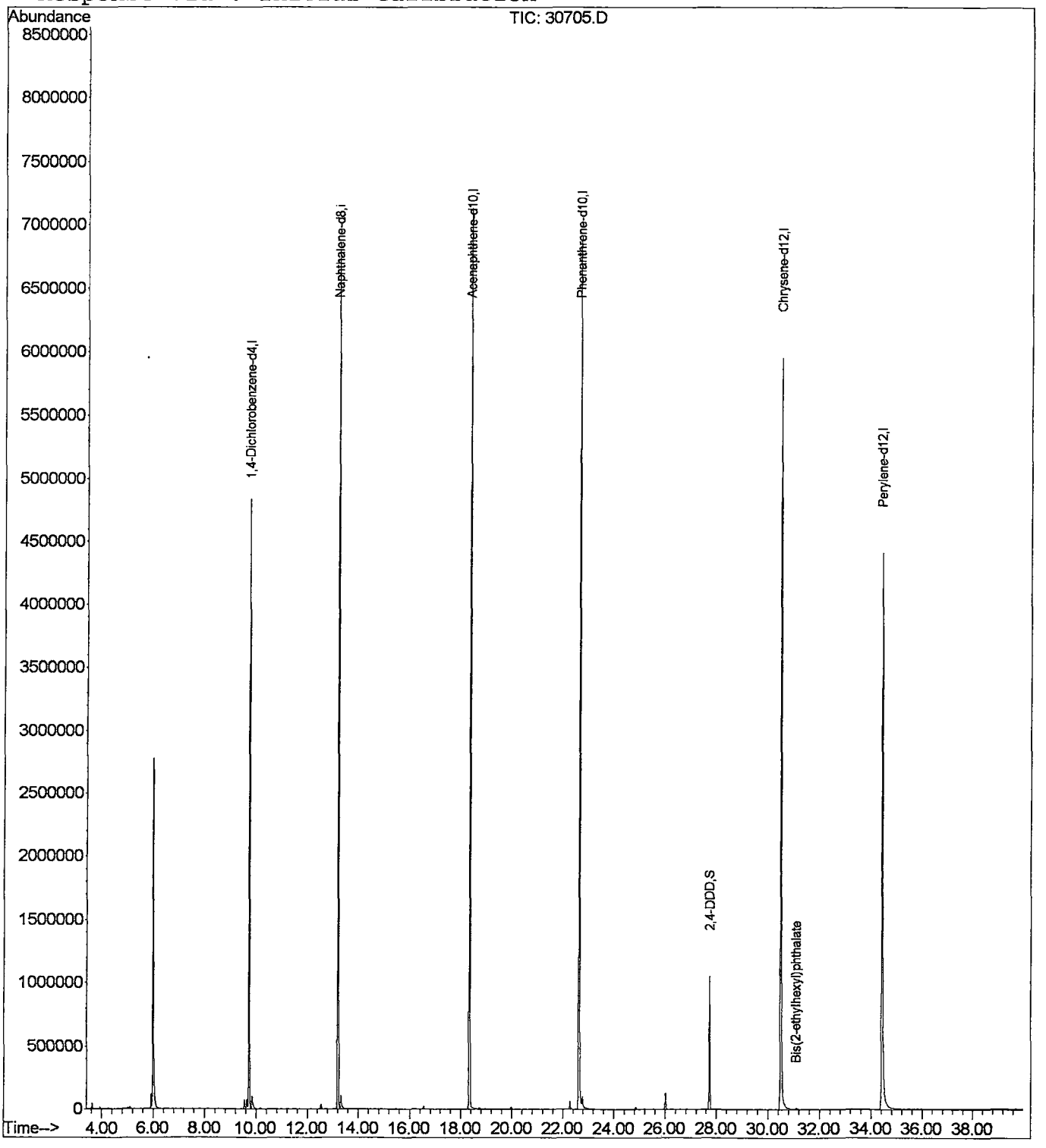
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.72	152	1651310	20.00	ug/L	0.00
10) Naphthalene-d8	13.19	136	7042685	20.00	ug/L	-0.02
17) Acenaphthene-d10	18.34	164	3611423	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.65	188	5807858	20.00	ug/L	-0.02
38) Chrysene-d12	30.50	240	5028795	20.00	ug/L	-0.01
44) Perylene-d12	34.42	264	3615647	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD	27.73	235	387468	4.22	ug/L	0.00
Spiked Amount 5.000			Recovery = 84.40%			
Target Compounds						Qvalue
42) Bis(2-ethylhexyl)phthalate	31.11	149	15476	0.61	ug/L	98

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB01\30705.D Vial: 2
Acq On : 1 Feb 2002 3:34 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 4 9:36 2002 Quant Results File: SCAN508.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Fri Jan 11 13:20:07 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\30705.D Vial: 2
Acq On : 1 Feb 2002 3:34 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.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

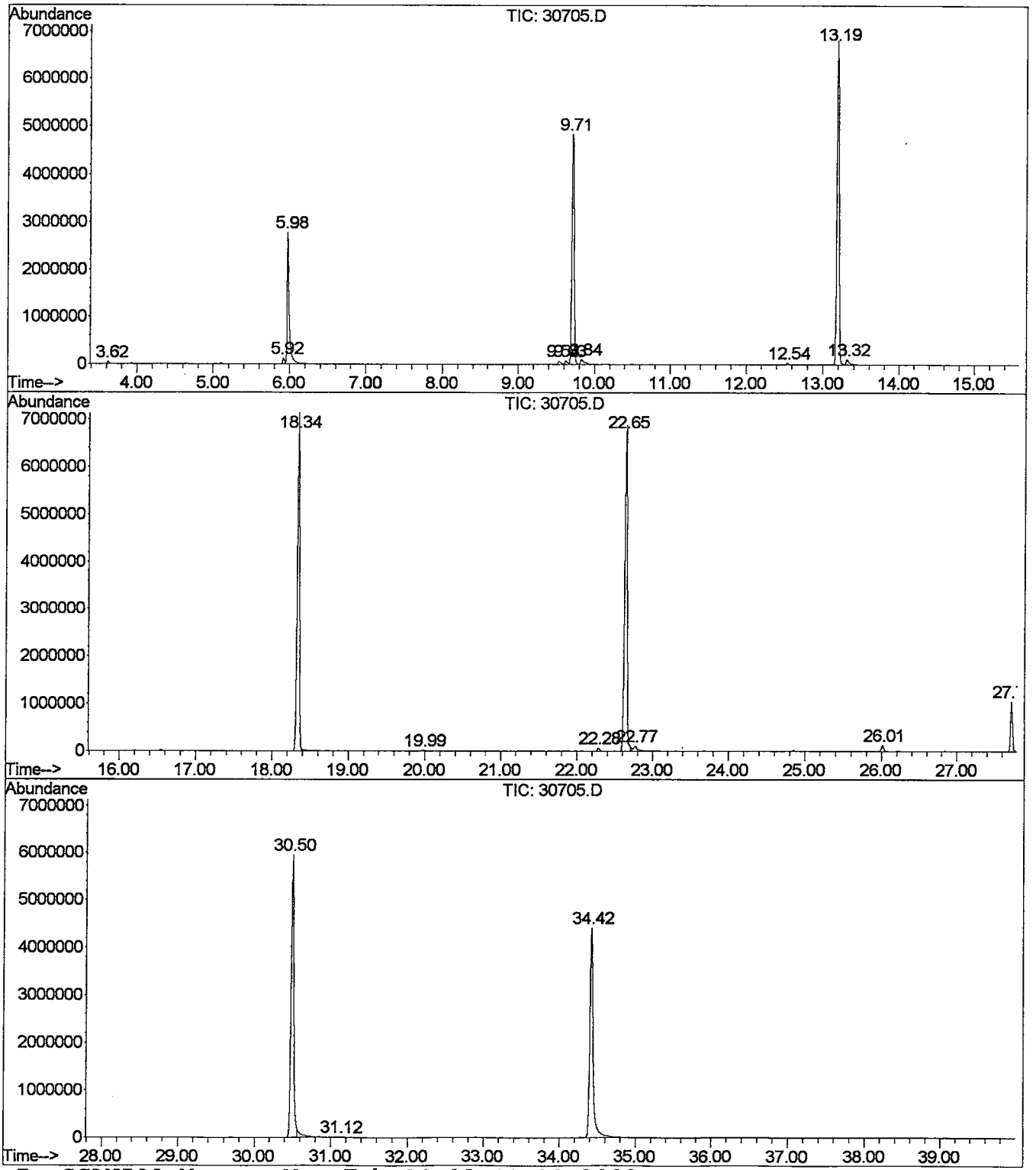
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.625	19	22	27	rVV	45849	73896	0.48%	0.083%
2	5.920	221	223	225	rVV	123831	200317	1.30%	0.226%
3	5.977	225	228	255	rVV	2777646	4912958	31.90%	5.535%
4	9.539	535	540	545	rVV	71235	160002	1.04%	0.180%
5	9.630	545	548	551	rVV	73839	175586	1.14%	0.198%
6	9.710	551	555	561	rVV	4839199	9515756	61.79%	10.720%
7	9.836	561	566	583	rVV	104545	376503	2.44%	0.424%
8	12.541	799	803	809	rBV	39319	71737	0.47%	0.081%
9	13.192	855	860	865	rBV	6805113	13533129	87.87%	15.246%
10	13.318	865	871	881	rVB2	103830	301249	1.96%	0.339%
11	18.341	1305	1311	1315	rBV	7132742	14454912	93.86%	16.284%
12	19.985	1451	1455	1459	rVV3	17622	40557	0.26%	0.046%
13	22.280	1651	1656	1661	rBV2	63950	119535	0.78%	0.135%
14	22.645	1681	1688	1693	rBV	6880074	15400603	100.00%	17.350%
15	22.771	1695	1699	1723	rVV	101207	411402	2.67%	0.463%
16	26.013	1977	1983	1989	rBV	128109	251150	1.63%	0.283%
17	27.726	2127	2133	2139	rVV	1054157	1902379	12.35%	2.143%
18	30.500	2369	2376	2381	rBV	5955061	14448923	93.82%	16.277%
19	31.117	2423	2430	2441	rVB5	11390	56225	0.37%	0.063%
20	34.416	2713	2719	2753	rBV	4410652	12359992	80.26%	13.924%

Sum of corrected areas: 88766811

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02FEB01\30705.D
Operator :
Acquired : 1 Feb 2002 3:34 pm using AcqMethod SCAN508
Instrument : Instrumen
Sample Name: 508 scan
Misc Info : February 1, 2002
Vial Number: 2
Quant File :SCAN508.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\30705.D Vial: 2
Acq On : 1 Feb 2002 3:34 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

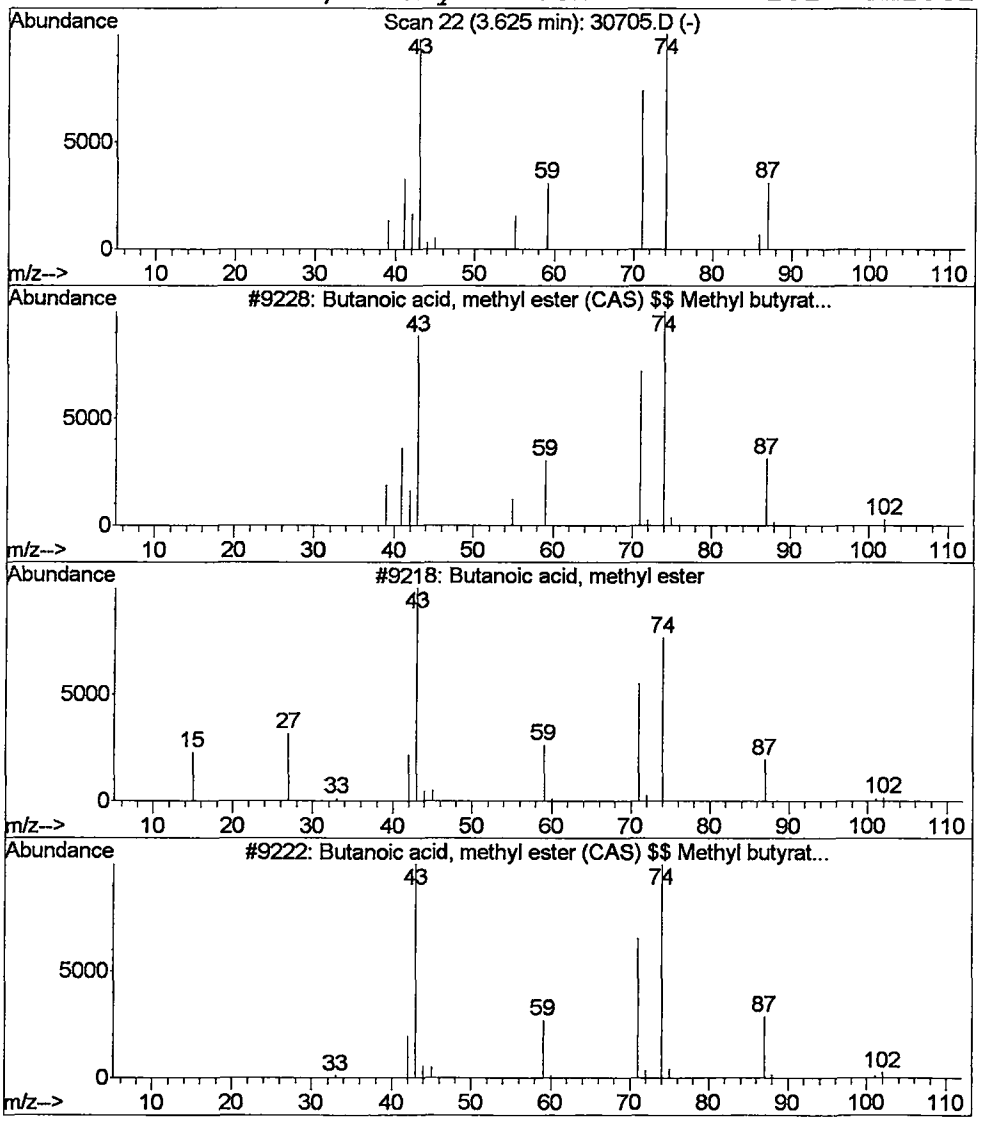
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

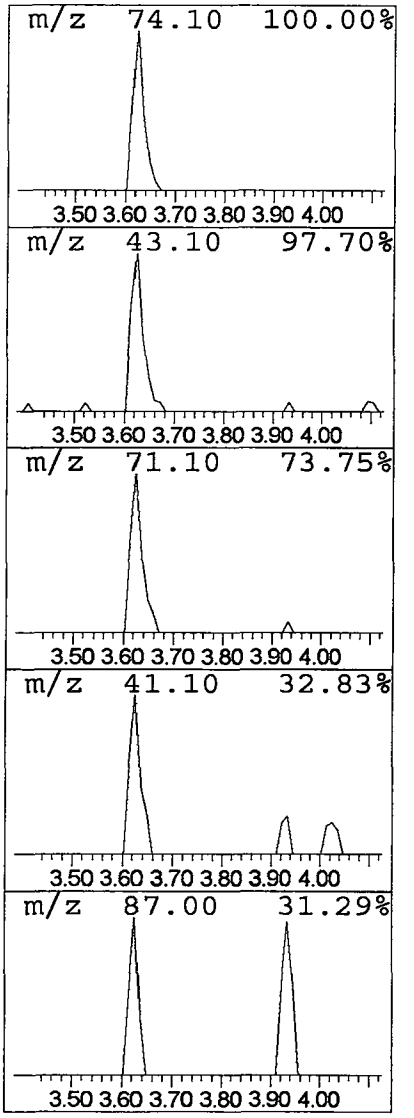
****

Peak Number 1 Butanoic acid, methyl ester... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.62	0.16 ug/L	73896	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	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\02FEB01\30705.D Vial: 2
Acq On : 1 Feb 2002 3:34 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

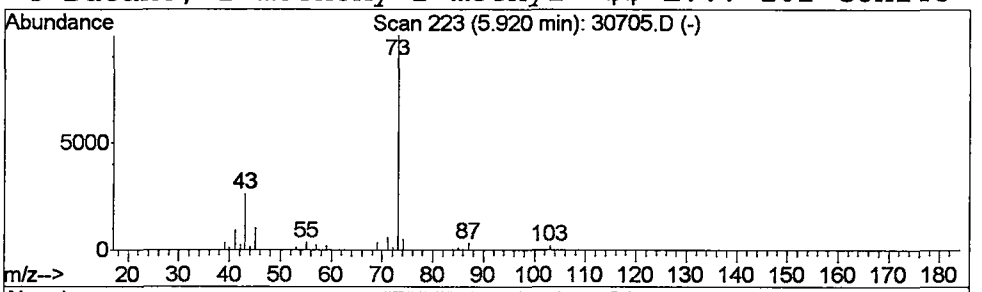
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

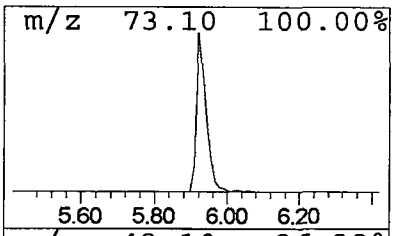
****

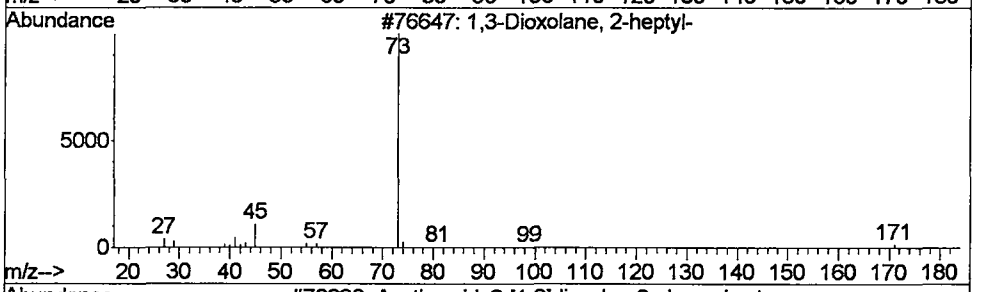
Peak Number 2 1,3-Dioxolane, 2-heptyl- Concentration Rank 5

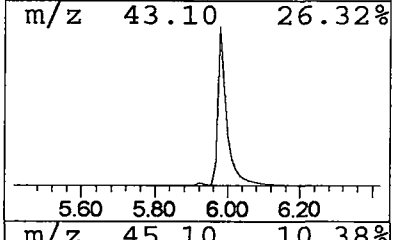
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.92	0.42 ug/L	200317	1,4-Dichlorobenzene-d4	9.72

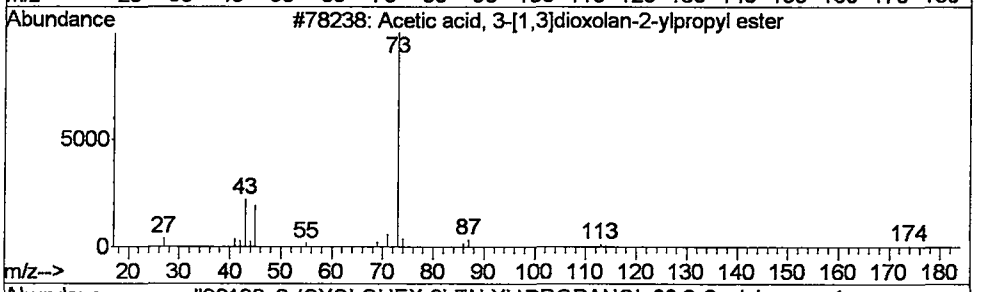
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-heptyl-	172	C10H20O2	004359-57-3	40
2	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	36
3	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	36
4	Butane, 2-methoxy-2-methyl- $$ E...	102	C6H14O	000994-05-8	33

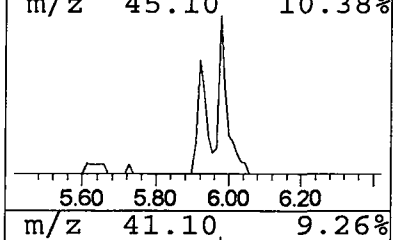


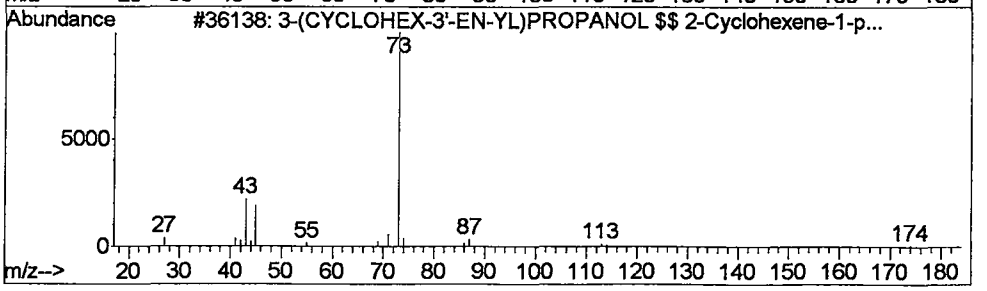


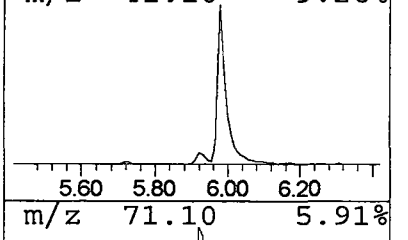


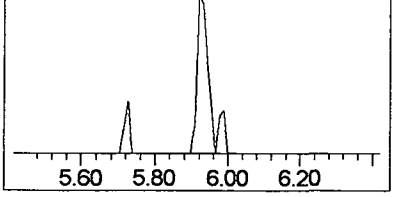












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Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

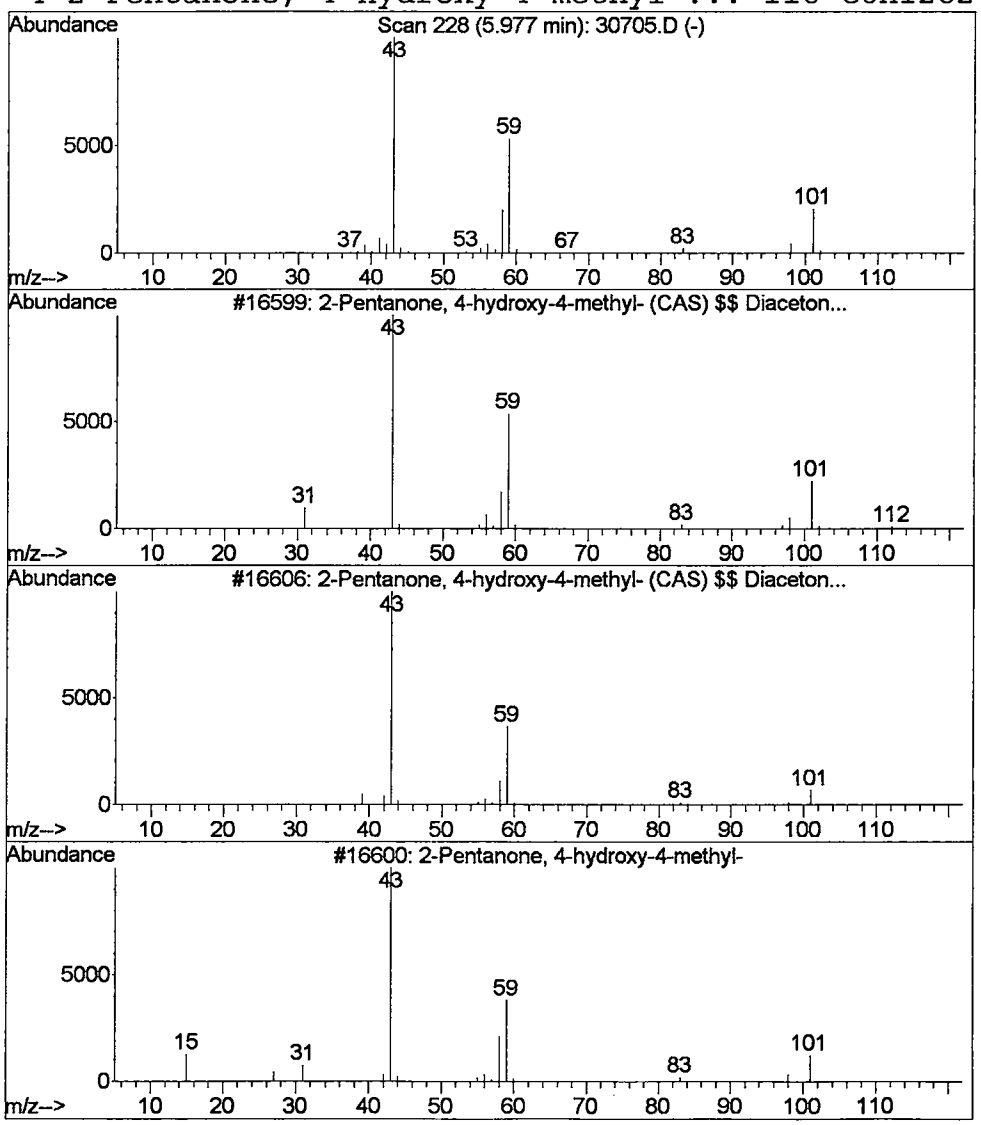
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

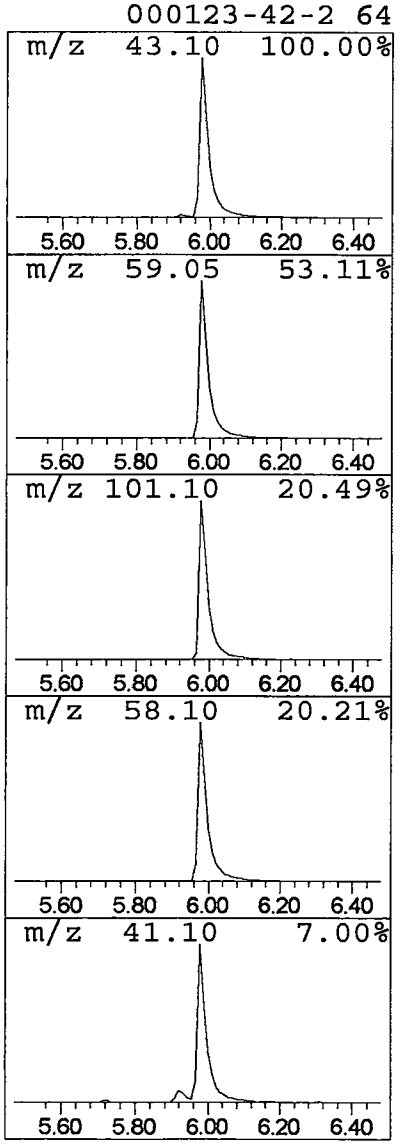
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.98	10.33 ug/L	4912960	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	78
2	2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	74
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
4	2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	64





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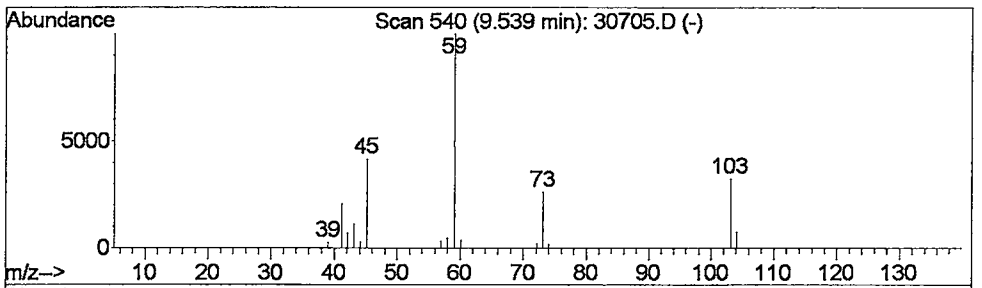
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

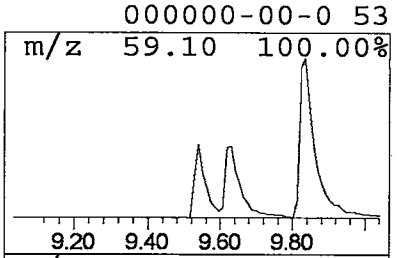
****

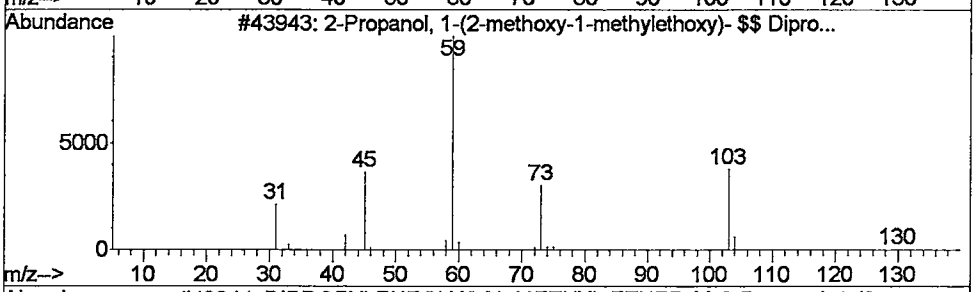
Peak Number 4 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 7

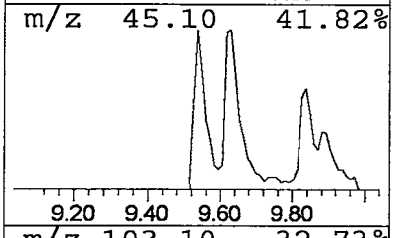
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	0.34 ug/L	160002	1,4-Dichlorobenzene-d4	9.72

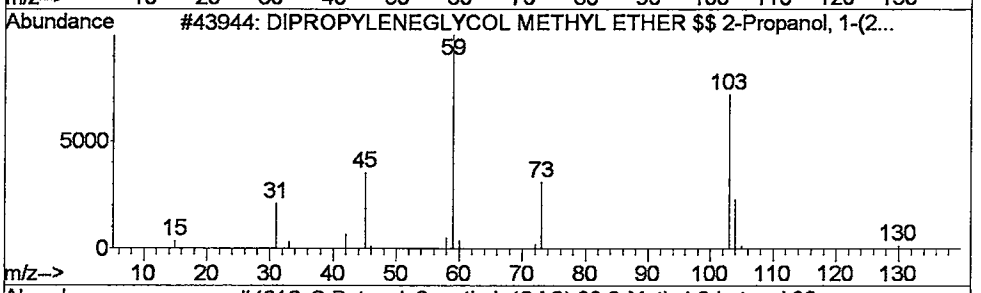
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	78
2	DIPROPYLENEGLYCOL METHYL ETHER $...	148	C7H16O3	020324-32-7	72
3	2-Butanol, 2-methyl- (CAS) $$ 2-...	88	C5H12O	000075-85-4	64
4	TRIPROPYLENE GLYCOL 1	192	C9H20O4	000000-00-0	53

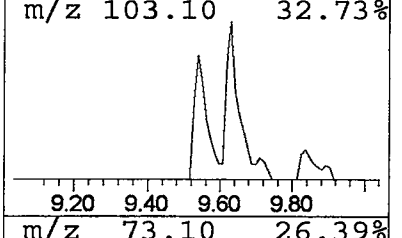


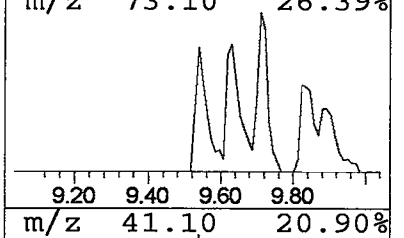


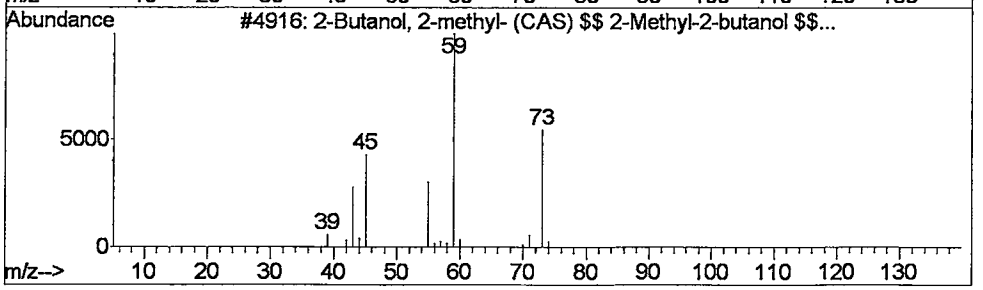


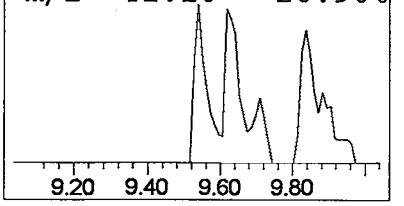












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MS Integration Params: LSCINT.P

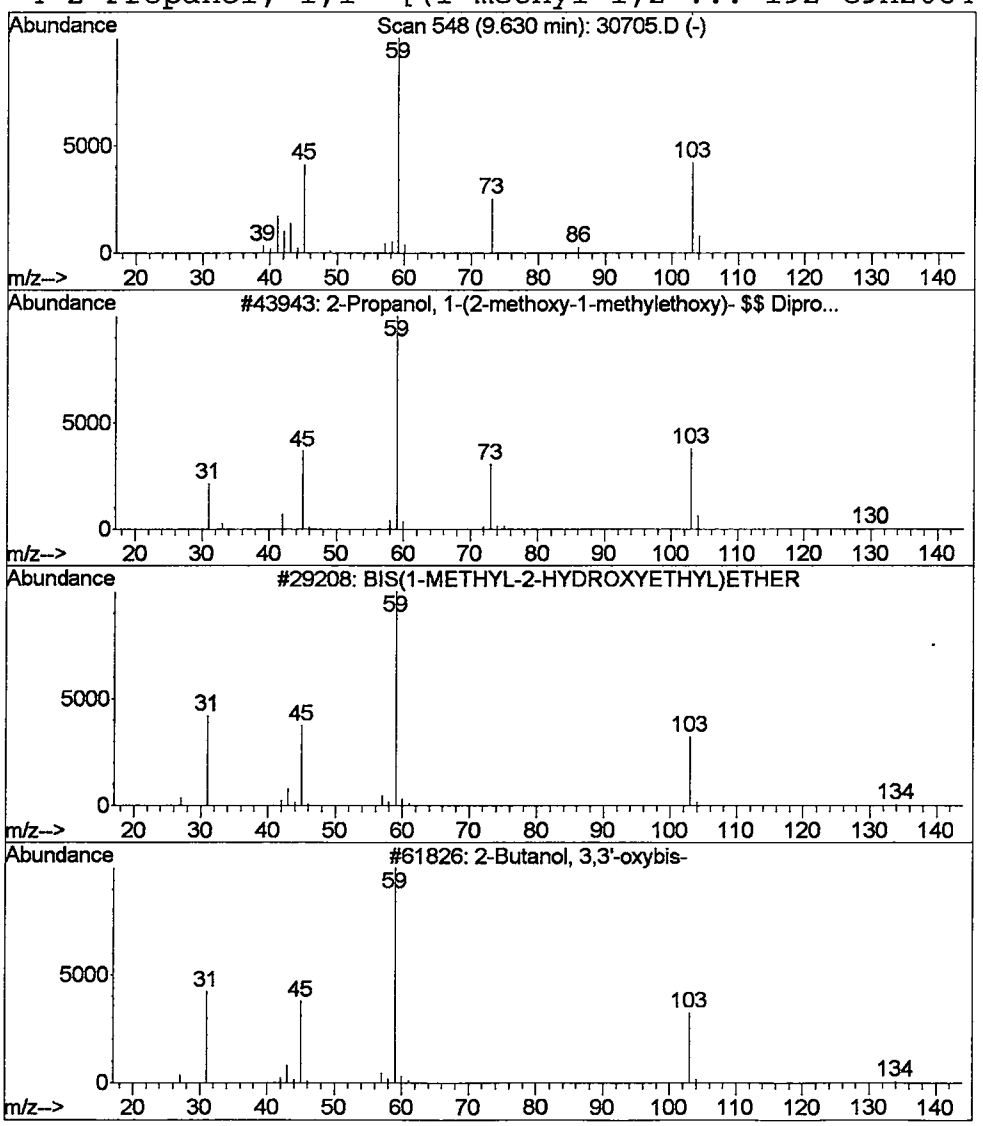
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

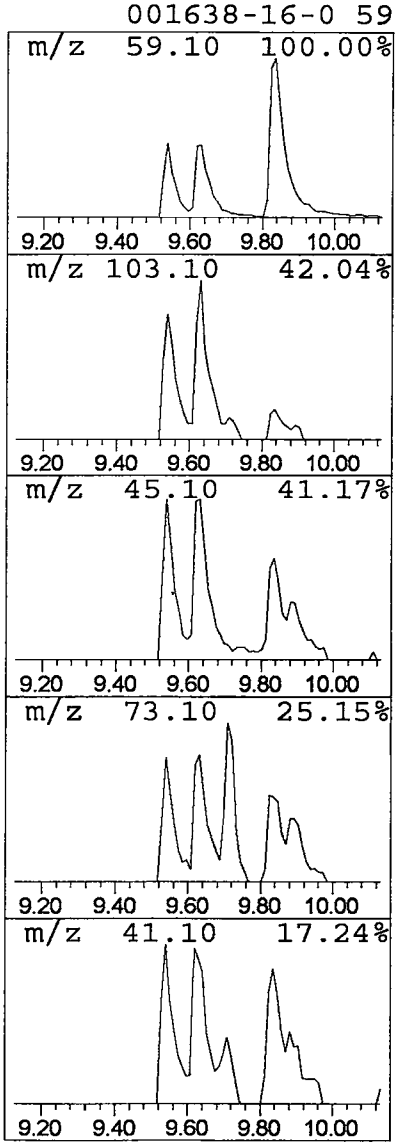
****

Peak Number 5 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	0.37 ug/L	175586	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	72
2	BIS(1-METHYL-2-HYDROXYETHYL)ETHER	134	C6H14O3	000000-00-0	64
3	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	64
4	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	59





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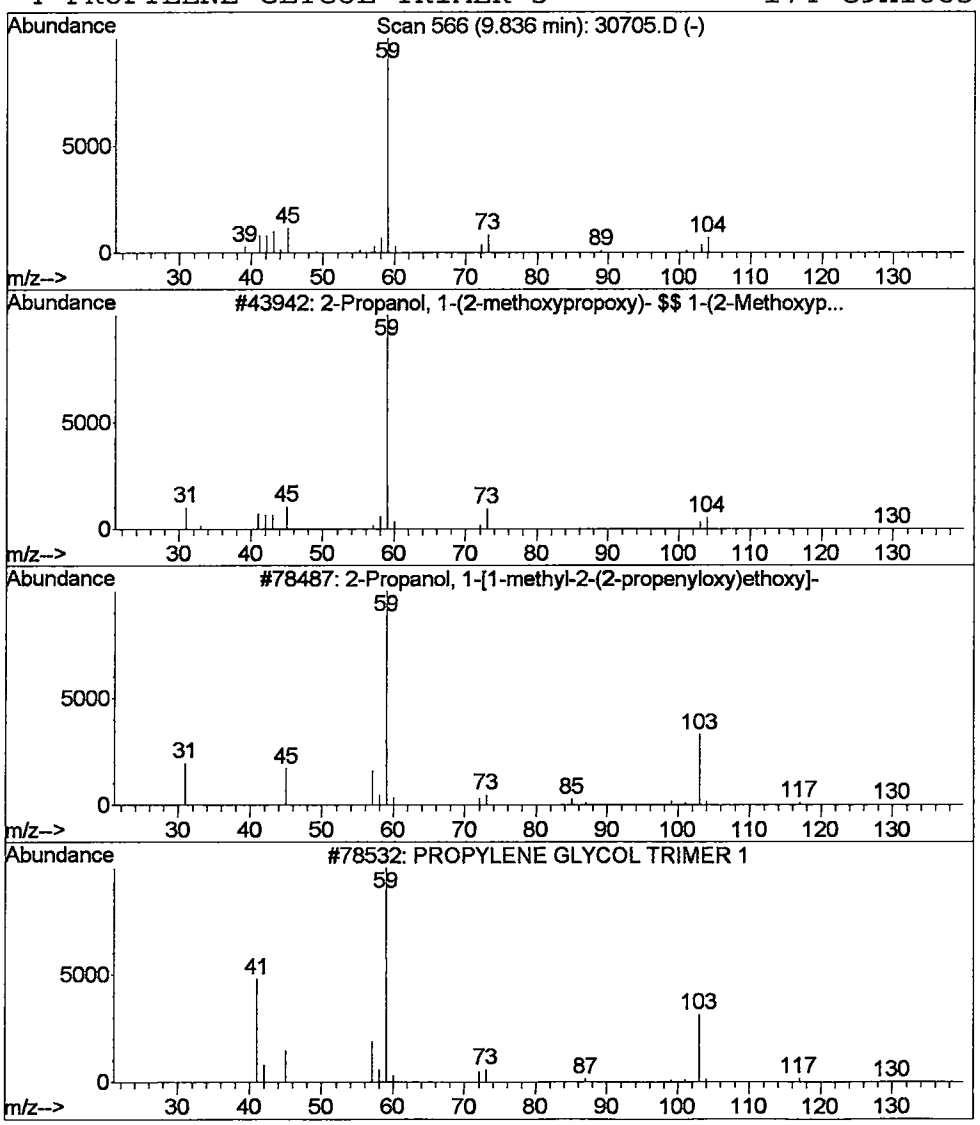
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

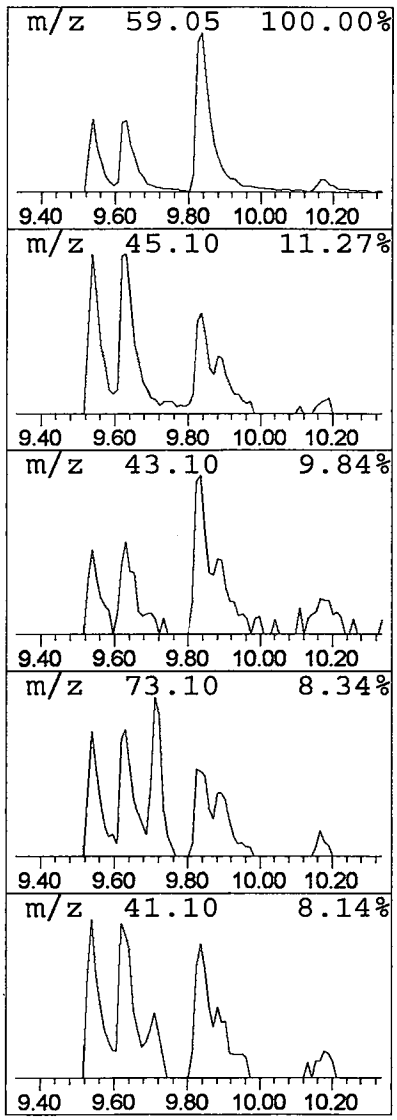
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	0.79 ug/L	376503	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	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	78
3	PROPYLENE GLYCOL TRIMER 1	174	C9H18O3	000000-00-0	64
4	PROPYLENE GLYCOL TRIMER 3	174	C9H18O3	000000-00-0	64





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Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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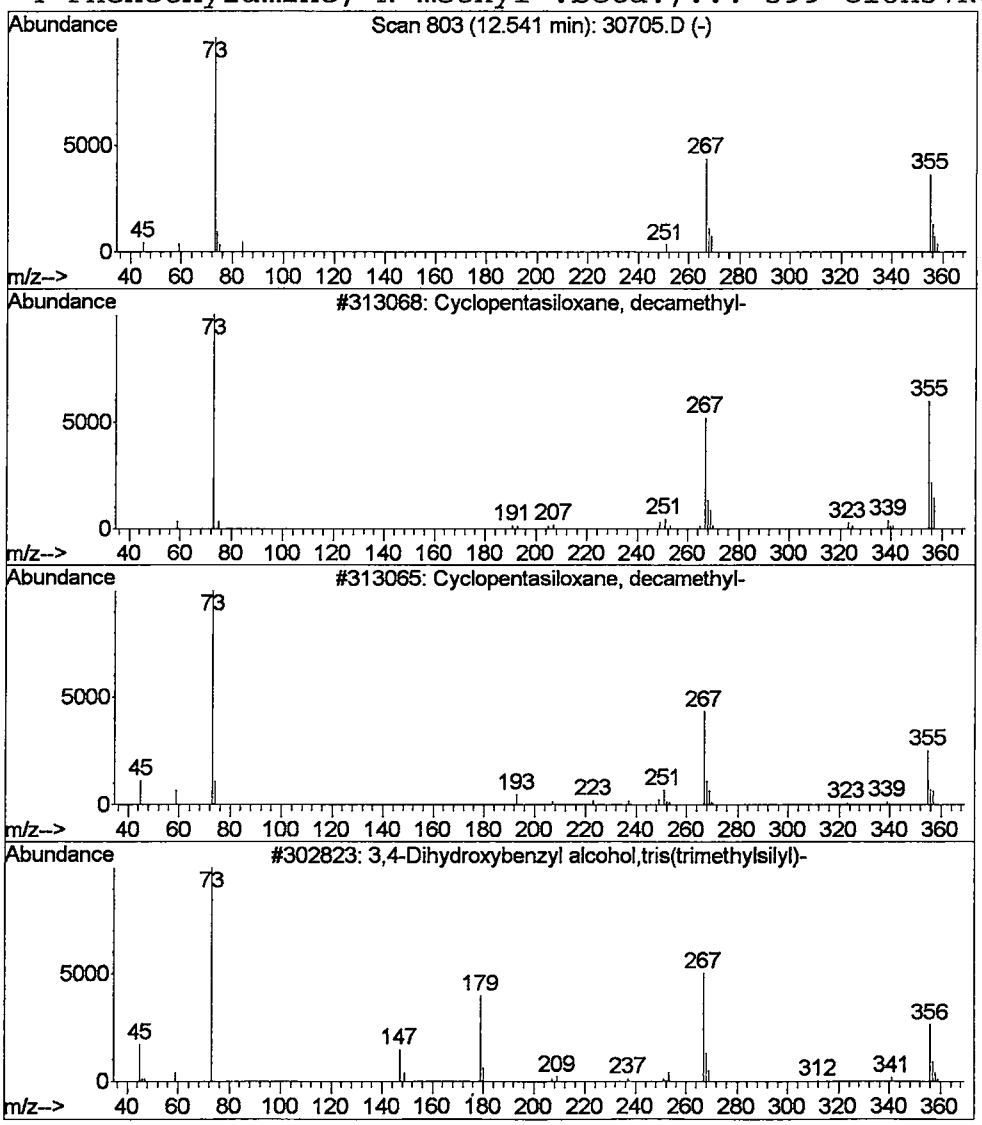
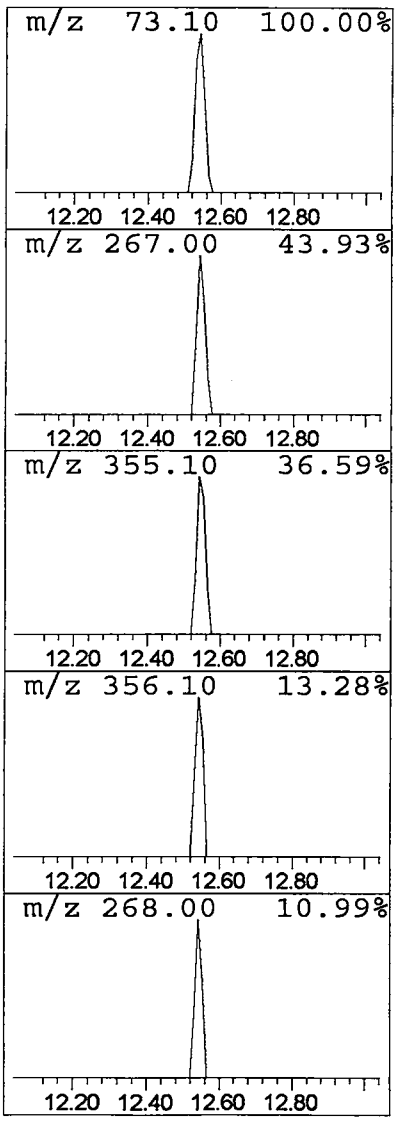
Peak Number 7 Cyclopentasiloxane, decamet... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	0.11 ug/L	71737	Naphthalene-d8	13.19

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	56
3	3,4-Dihydroxybenzyl alcohol,tris...	356	C16H32O3Si3	068595-79-9	38
4	Phenethylamine, N-methyl-.beta.,...	399	C18H37NO3Si3	010538-85-9	32





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MS Integration Params: LSCINT.P

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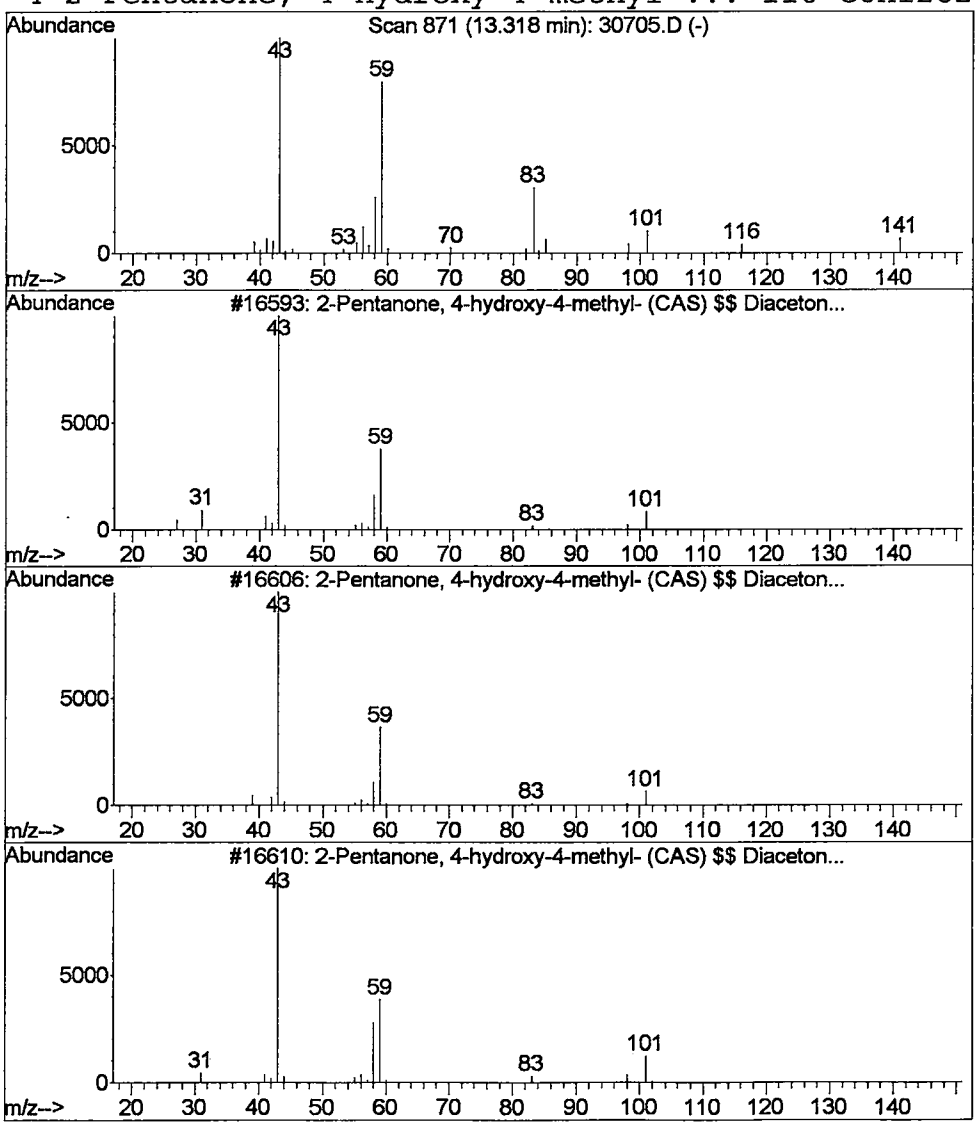
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

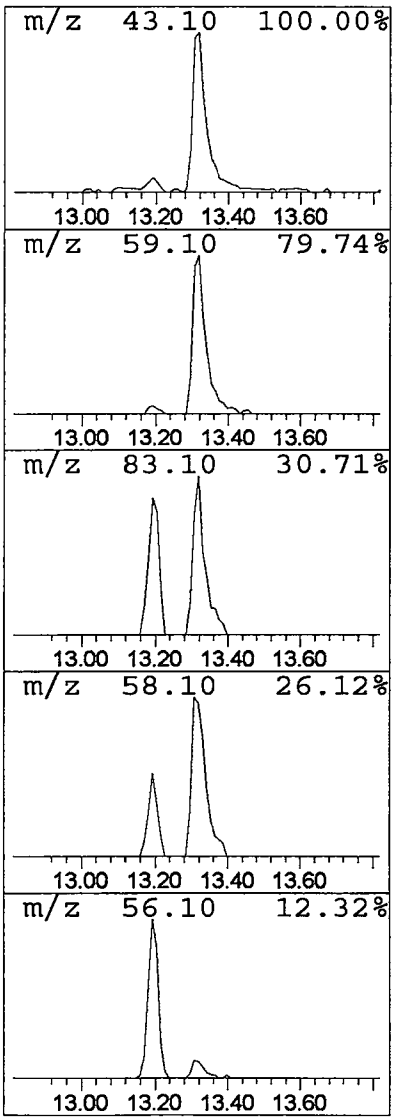
****

Peak Number 8 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	0.45 ug/L	301249	Naphthalene-d8	13.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	64
2	2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	59
3	2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	53
4	2-Pentanone, 4-hydroxy-4-methyl-...	116	C6H12O2	000123-42-2	50





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Library : C:\DATABASE\WILEY7N.L

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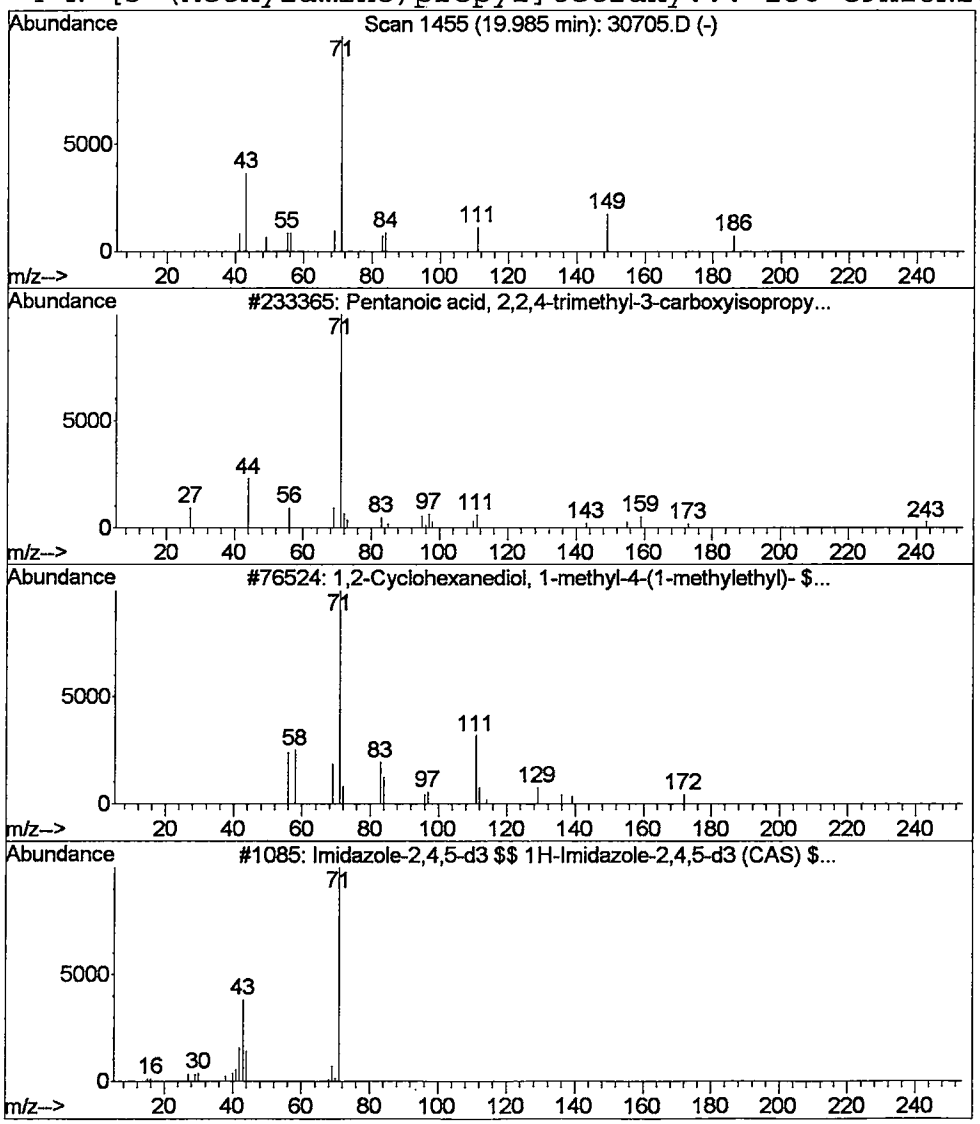
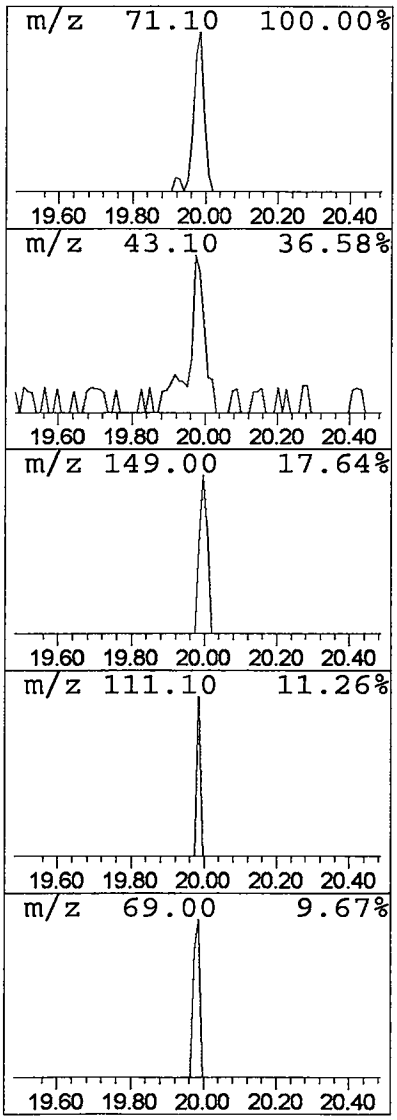
Peak Number 9 Pentanoic acid, 2,2,4-trime... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.99	0.06 ug/L	40557	Acenaphthene-d10	18.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 2,2,4-trimethyl-...	286	C16H30O4	000000-00-0	9
2	1,2-Cyclohexanediol, 1-methyl-4-...	172	C10H20O2	033669-76-0	9
3	Imidazole-2,4,5-d3 $$ 1H-Imidazo...	71	C3HD3N2	006745-43-3	7
4	N-[3-(Methylamino)propyl]tetrahy...	186	C9H18N2O2	000000-00-0	4

NO GOOD MATCH





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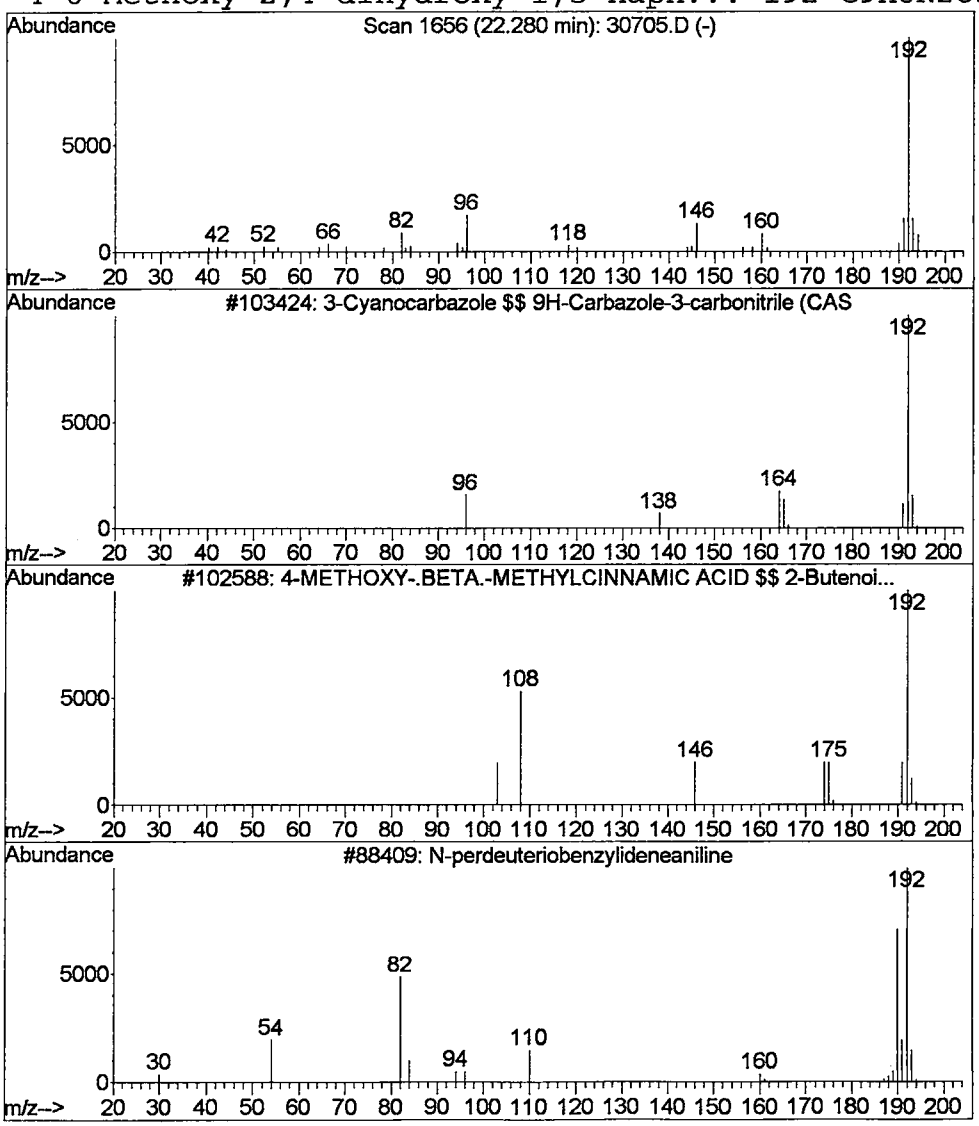
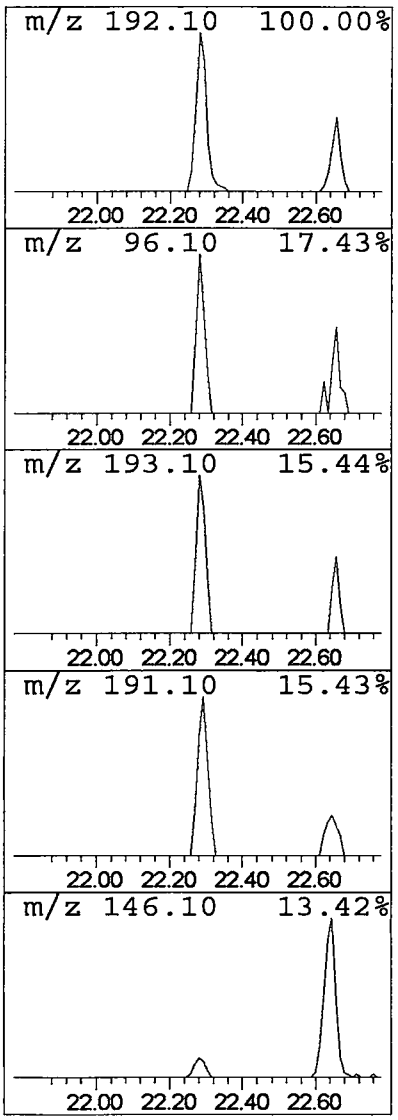
****

Peak Number 10 3-Cyanocarbazole $$ 9H-Carb... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.16 ug/L	119535	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyanocarbazole $$ 9H-Carbazole...	192	C13H8N2	057102-93-9	72
2	4-METHOXY-.BETA.-METHYLCINNAMIC ...	192	C11H12O3	019169-94-9	72
3	N-perdeuteriobenzylideneaniline	192	C13D11N	000538-51-2	58
4	6-Methoxy-2,4-dihydroxy-1,5-naph...	192	C9H8N2O3	000000-00-0	53





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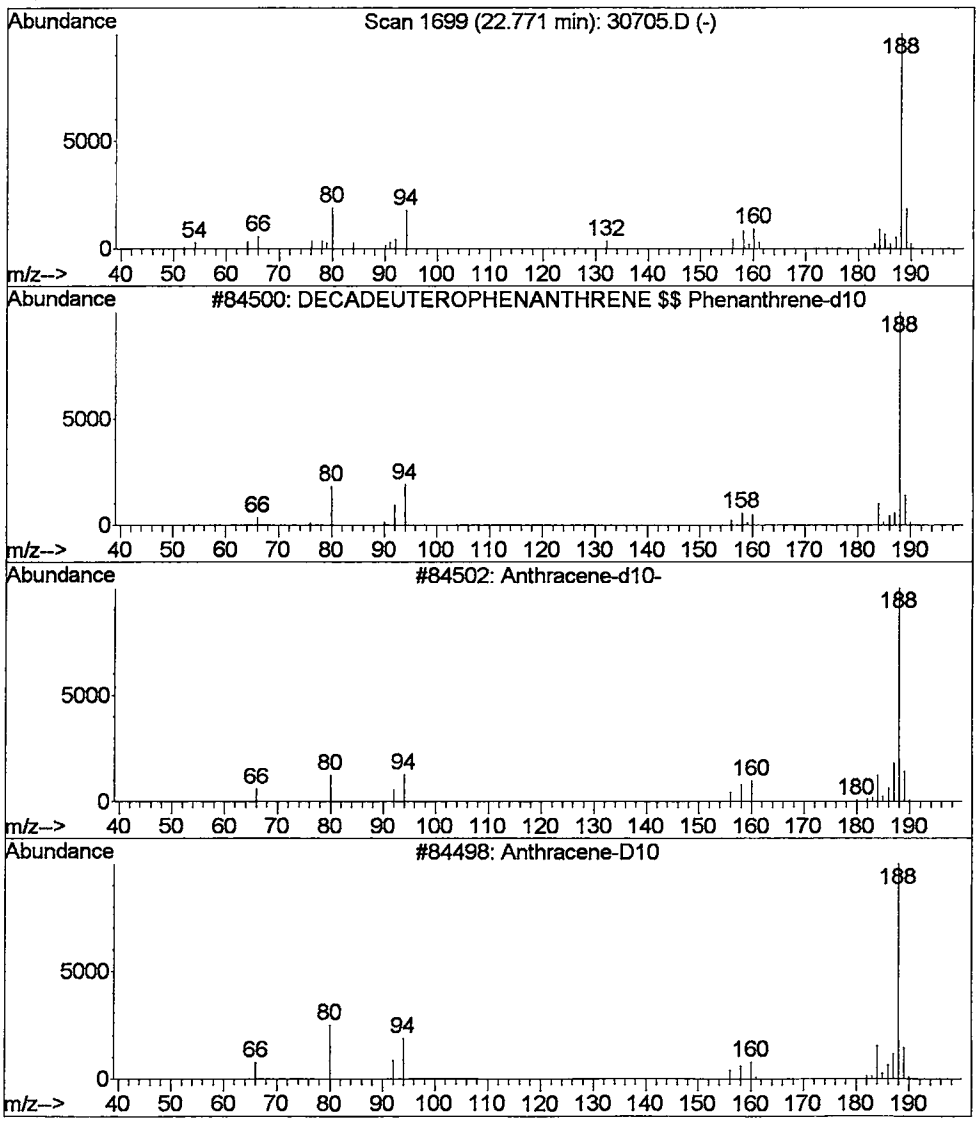
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

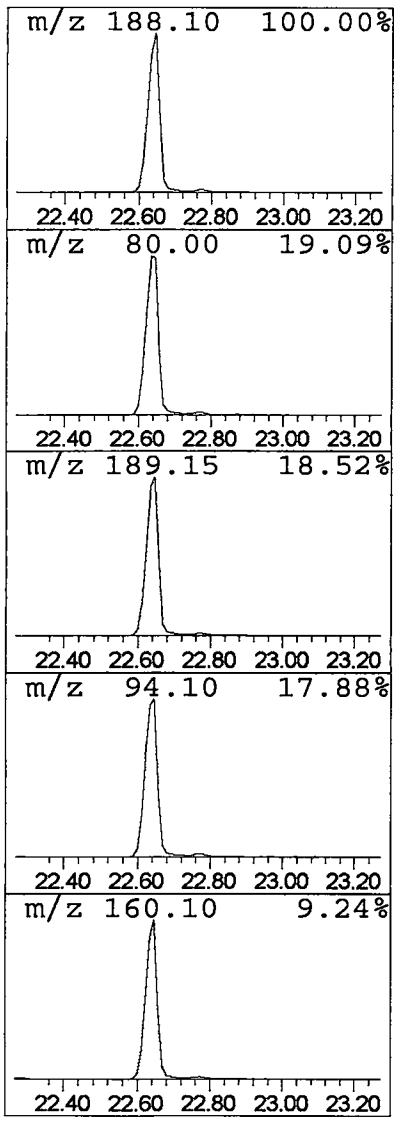
****

Peak Number 11 DECADEUTEROPHENANTHRENE $$ ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.53 ug/L	411402	Phenanthrene-d10	22.65

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	87
3	Anthracene-D10	188	C14D10	000000-00-0	86
4	Acridine-D9	188	C13D9N	000000-00-0	72





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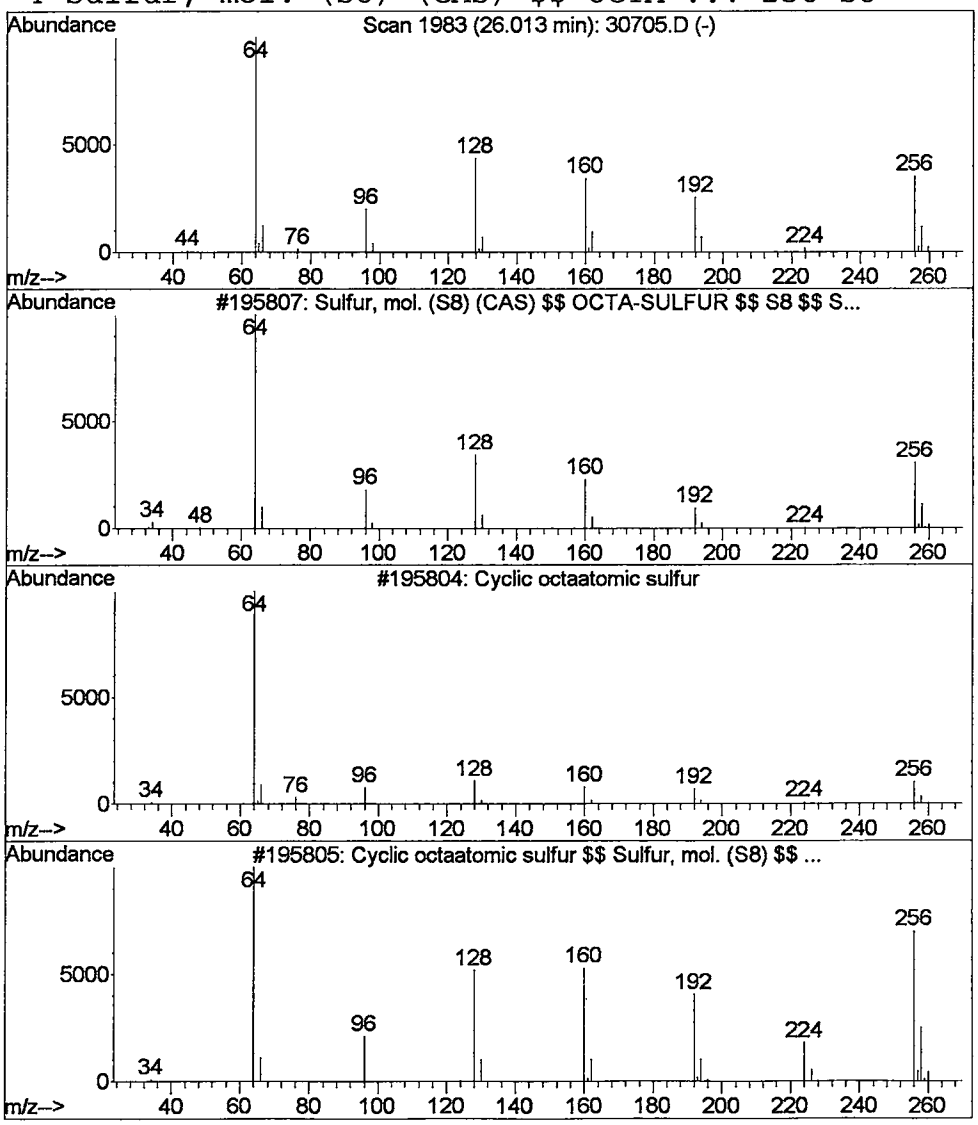
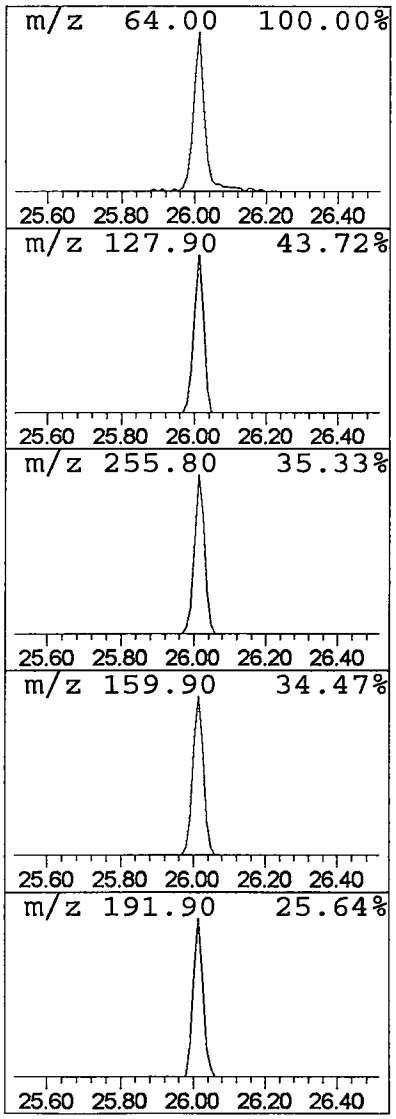
Peak Number 12 Sulfur, mol. (S8) (CAS) $$ ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.01	0.33 ug/L	251150	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur, mol. (S8) (CAS) $$ OCTA-...	256	S8	010544-50-0	95
2	Cyclic octaatomic sulfur	256	S8	010544-50-0	94
3	Cyclic octaatomic sulfur $$ Sulf...	256	S8	010544-50-0	94
4	Sulfur, mol. (S8) (CAS) $$ OCTA-...	256	S8	010544-50-0	94





Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 1 Feb 2002 3:34 pm
Data File: C:\MSDCHEM\1\5973N\02FEB01\30705.D
Name: 508 scan
Misc: February 1, 2002
Method: C:\MSDCHEM\1\METHODS\METHODS\SCAN508.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	0.2	ug/L	73896	1	9.72	9515760	20.0
1,3-Dioxolane, 2-...	5.92	0.4	ug/L	200317	1	9.72	9515760	20.0
2-Pentanone, 4-hy...	5.98	10.3	ug/L	4912960	1	9.72	9515760	20.0
2-Propanol, 1-(2-...	9.54	0.3	ug/L	160002	1	9.72	9515760	20.0
2-Propanol, 1-(2-...	9.63	0.4	ug/L	175586	1	9.72	9515760	20.0
2-Propanol, 1-(2-...	9.84	0.8	ug/L	376503	1	9.72	9515760	20.0
Cyclopentasiloxan...	12.54	0.1	ug/L	71737	2	13.19	13533100	20.0
2-Pentanone, 4-hy...	13.32	0.4	ug/L	301249	2	13.19	13533100	20.0
Pentanoic acid, 2...	19.99	0.1	ug/L	40557	3	18.34	14454900	20.0
3-Cyanocarbazole ...	22.28	0.2	ug/L	119535	4	22.65	15400600	20.0
DECADEUTEROPHENAN...	22.77	0.5	ug/L	411402	4	22.65	15400600	20.0
Sulfur, mol. (S8)...	26.01	0.3	ug/L	251150	4	22.65	15400600	20.0

Comments for Sample AD30704 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-11-2002 Time: 16:53:22

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 13 of the 43 compounds in the LCS Standard were above their acceptance ranges.

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/11/2002 Time: 16:53:23

Sample: AD30704
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/11/02 16:52 Ended: 2/11/02 16:52 Analyst: DLV
Page: 1

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB01\30704.D Vial: 1
Acq On : 1 Feb 2002 2:44 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 04 08:34:18 2002 Quant Results File: SCAN508.RES

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Fri Jan 11 13:20:07 2002
Response via : Initial Calibration
DataAcq Meth : SCAN508

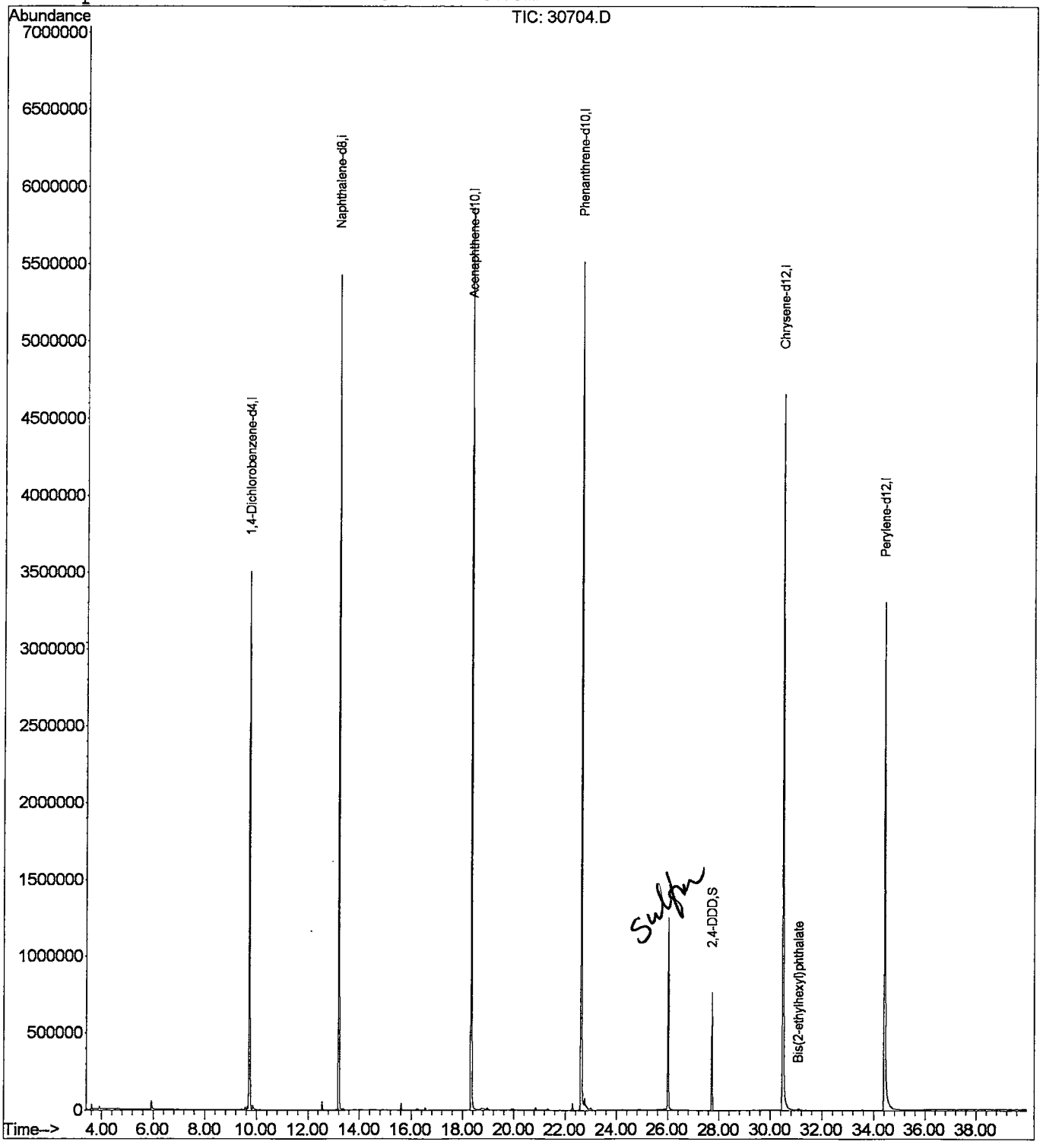
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.72	152	1324080	20.00	ug/L	0.00
10) Naphthalene-d8	13.19	136	5482721	20.00	ug/L	-0.02
17) Acenaphthene-d10	18.34	164	2846765	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.65	188	4777848	20.00	ug/L	-0.02
38) Chrysene-d12	30.49	240	3906533	20.00	ug/L	-0.02
44) Perylene-d12	34.42	264	2682065	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD	27.73	235	290432	3.85	ug/L	0.00
Spiked Amount 5.000			Recovery = 77.00%			
Target Compounds						Qvalue
42) Bis(2-ethylhexyl)phthalate	31.09	149	11970	0.61	ug/L	96

(#) = qualifier out of range (m) = manual integration
30704.D SCAN508.M Mon Feb 04 09:36:09 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB01\30704.D Vial: 1
Acq On : 1 Feb 2002 2:44 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 4 9:35 2002 Quant Results File: SCAN508.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Fri Jan 11 13:20:07 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\30704.D Vial: 1
Acq On : 1 Feb 2002 2:44 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.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

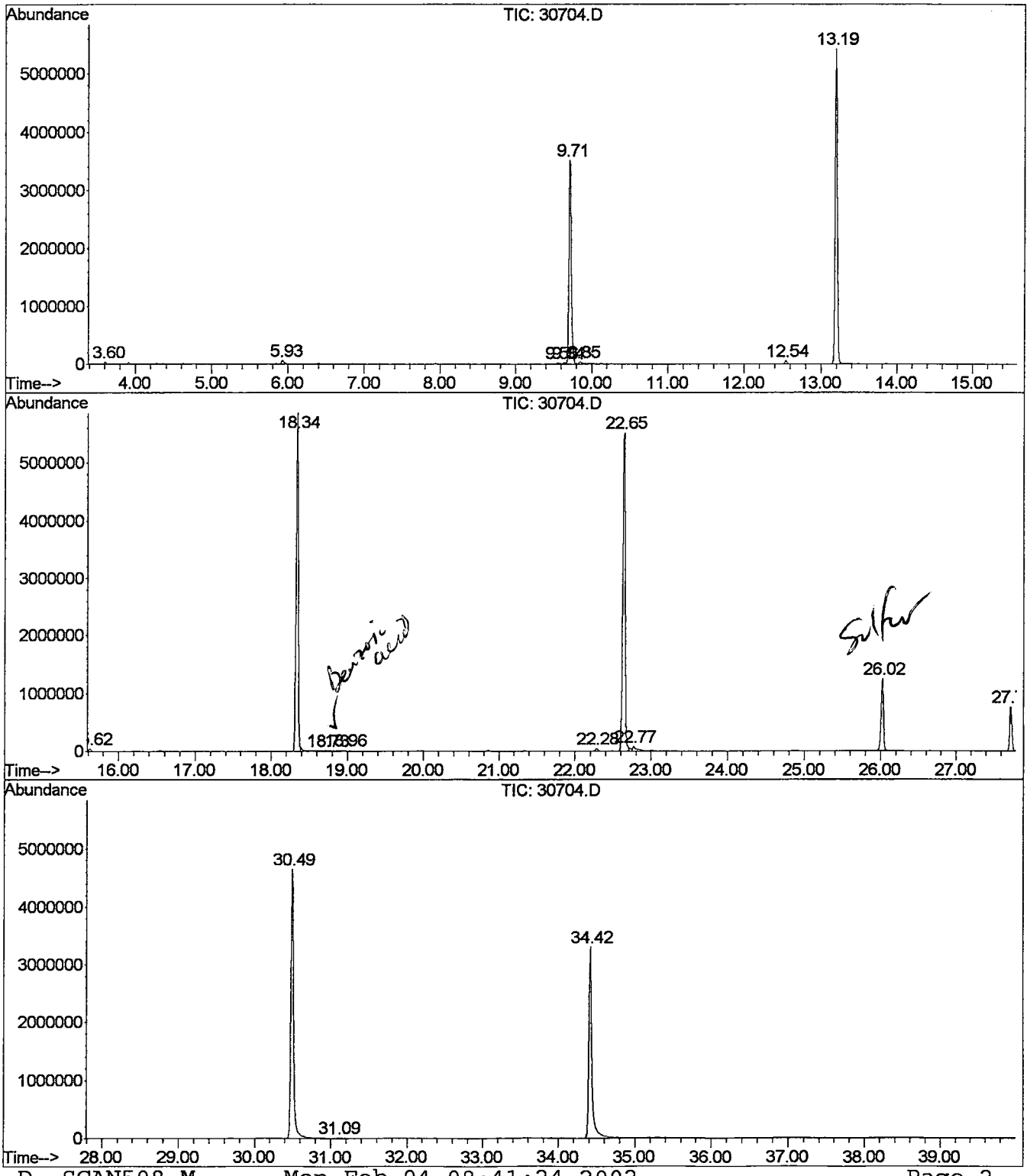
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.602	17	20	25	rBV	35015	55648	0.44%	0.082%
2	5.931	219	224	243	rBV	61668	175224	1.39%	0.257%
3	9.562	539	542	547	rBV	17920	47418	0.38%	0.070%
4	9.642	547	549	551	rVV	21140	40868	0.32%	0.060%
5	9.710	551	555	565	rVV	3510464	7526442	59.79%	11.060%
6	9.847	565	567	579	rVV	32161	110232	0.88%	0.162%
7	12.541	799	803	807	rVB	54426	90410	0.72%	0.133%
8	13.192	855	860	865	rBV	5430376	10477698	83.24%	15.396%
9	15.624	1067	1073	1077	rVV	46329	79745	0.63%	0.117%
10	18.341	1305	1311	1315	rBV	5863379	11553052	91.78%	16.976%
11	18.729	1341	1345	1353	rBV3	11911	64638	0.51%	0.095%
12	18.958	1361	1365	1375	rVB4	15989	50389	0.40%	0.074%
13	22.280	1651	1656	1661	rVV	45993	88442	0.70%	0.130%
14	22.645	1681	1688	1693	rBV2	5514277	12587518	100.00%	18.496%
15	22.771	1697	1699	1717	rVV3	79323	318750	2.53%	0.468%
16	26.025	1977	1984	1989	rBV	1244966	2501308	19.87%	3.675%
17	27.726	2129	2133	2139	rBV	765599	1413337	11.23%	2.077%
18	30.489	2369	2375	2411	rBV2	4656627	11664796	92.67%	17.141%
19	31.094	2419	2428	2445	rVB6	11455	59122	0.47%	0.087%
20	34.416	2713	2719	2753	rBV	3304864	9148709	72.68%	13.443%

Sum of corrected areas: 68053746

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02FEB01\30704.D
Operator :
Acquired : 1 Feb 2002 2:44 pm using AcqMethod SCAN508
Instrument : Instrumen
Sample Name: 508 scan
Misc Info : February 1, 2002
Vial Number: 1
Quant File :SCAN508.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\30704.D Vial: 1
Acq On : 1 Feb 2002 2:44 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

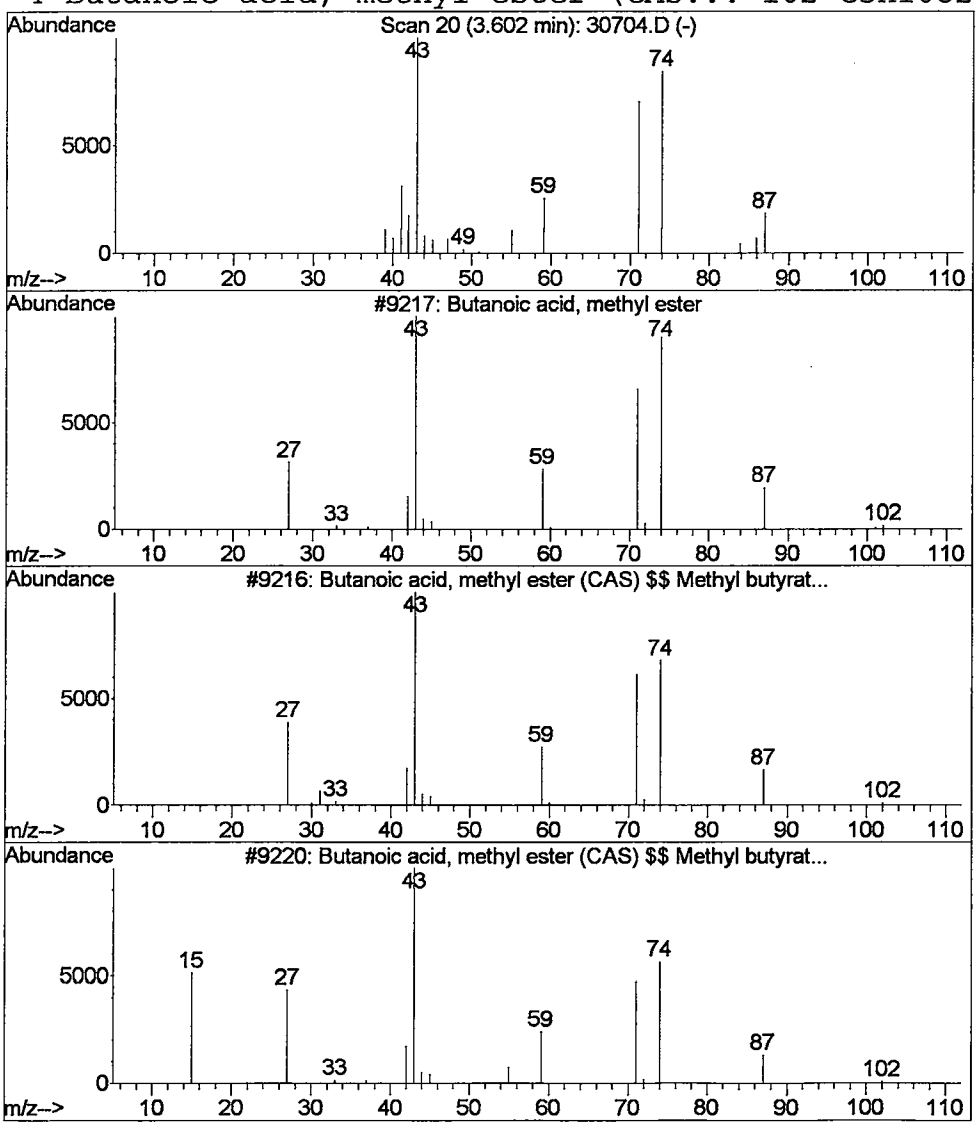
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

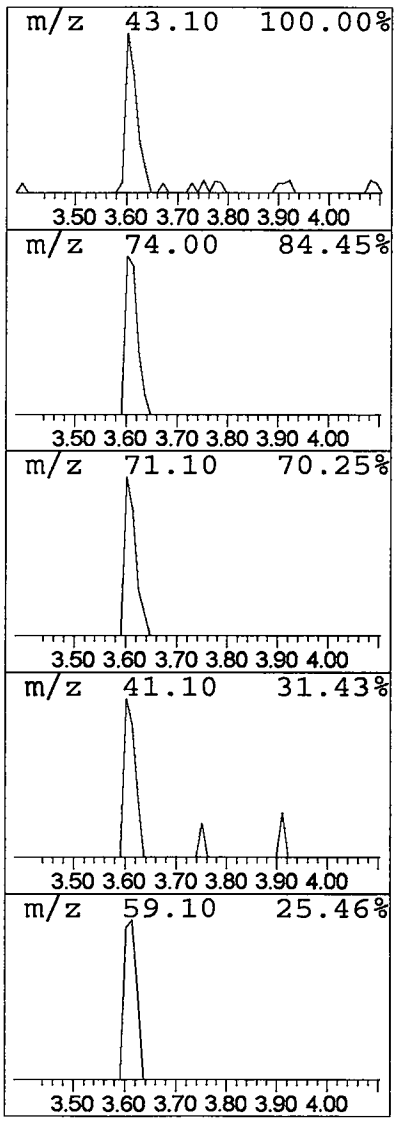
****

Peak Number 1 Butanoic acid, methyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.60	0.15 ug/L	55648	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	78
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 (CAS...	102	C5H10O2	000623-42-7	78





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\30704.D Vial: 1
Acq On : 1 Feb 2002 2:44 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

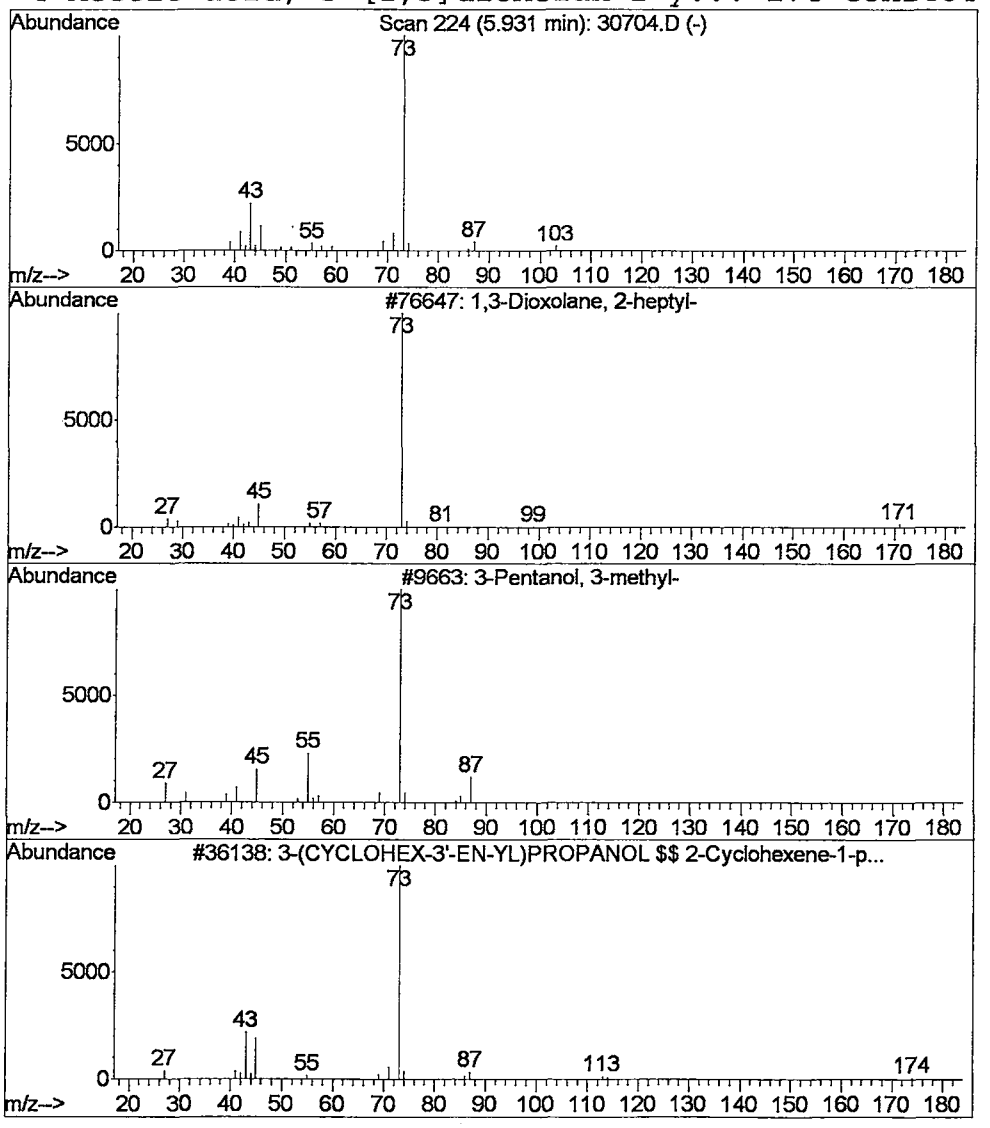
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

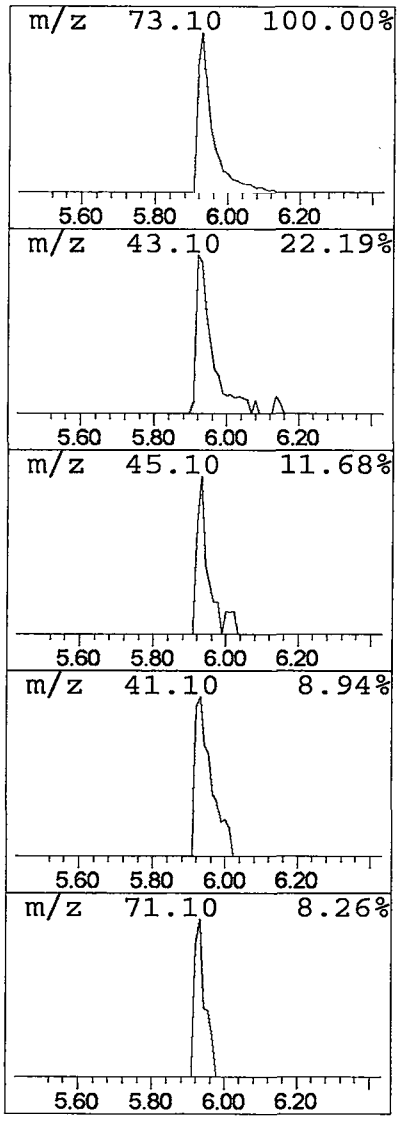
****

Peak Number 2 1,3-Dioxolane, 2-heptyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	0.47 ug/L	175224	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-heptyl-	172	C10H20O2	004359-57-3	37
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	33
3	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	33
4	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	33





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\30704.D Vial: 1
Acq On : 1 Feb 2002 2:44 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

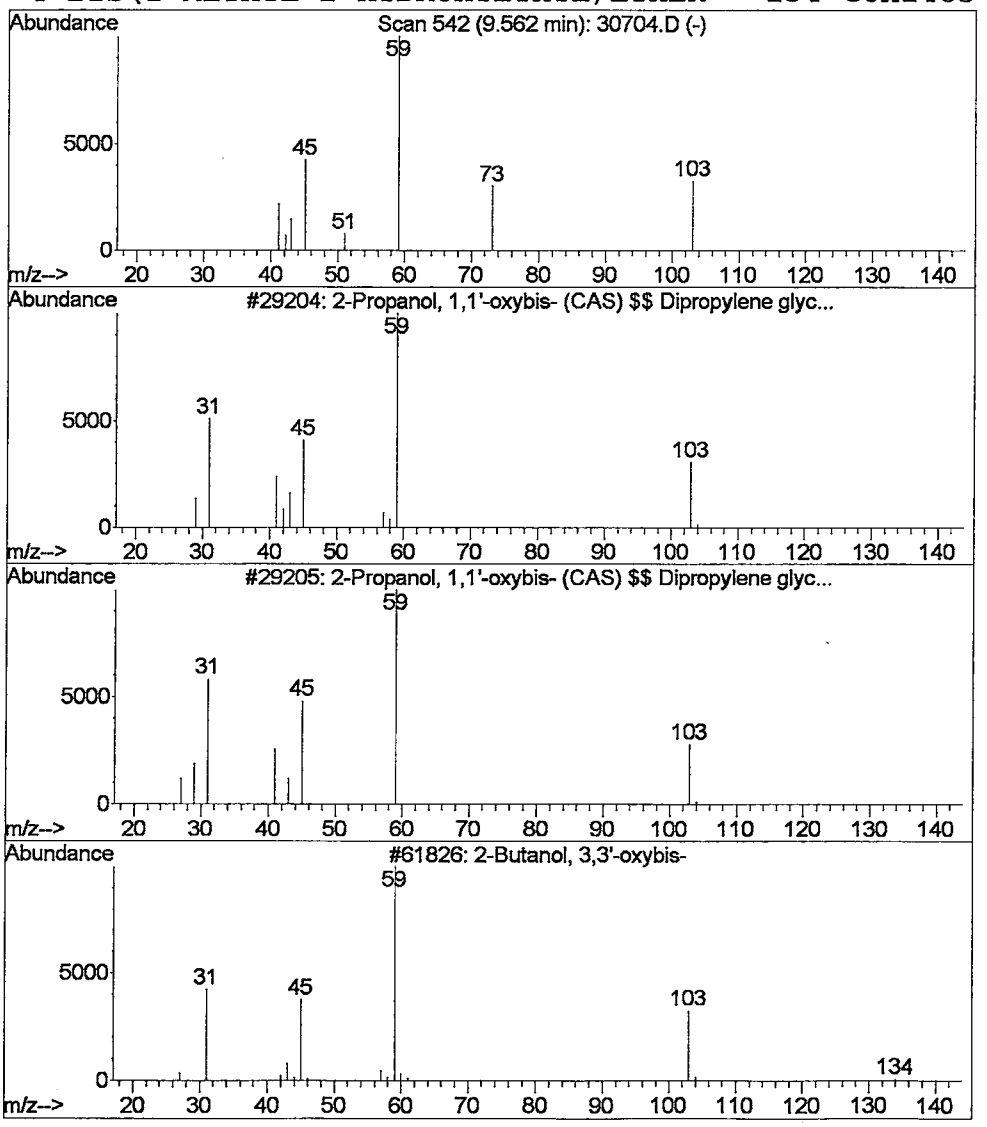
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

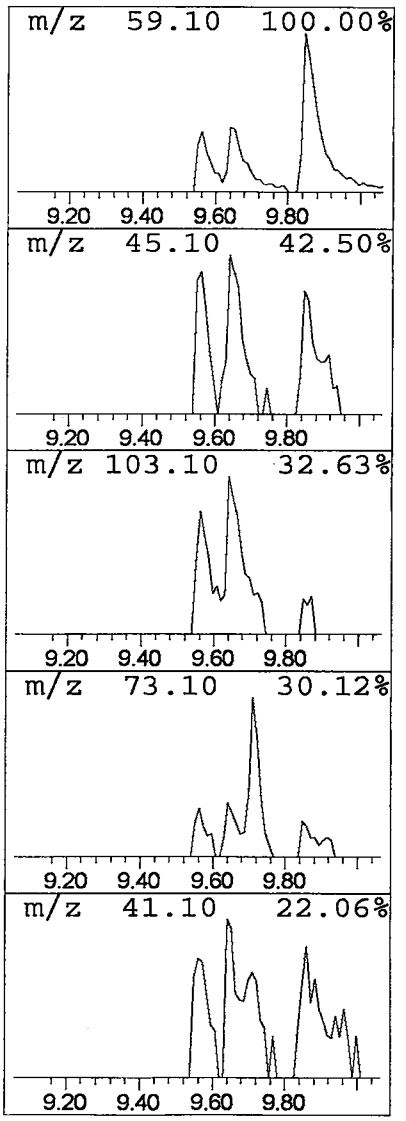
****

Peak Number 3 2-Propanol, 1,1'-oxybis- (C... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	0.13 ug/L	47418	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1,1'-oxybis- (CAS) $...	134	C6H14O3	000110-98-5	50
2	2-Propanol, 1,1'-oxybis- (CAS) $...	134	C6H14O3	000110-98-5	39
3	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	9
4	BIS(1-METHYL-2-HYDROXYETHYL)ETHER	134	C6H14O3	000000-00-0	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\30704.D Vial: 1
Acq On : 1 Feb 2002 2:44 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

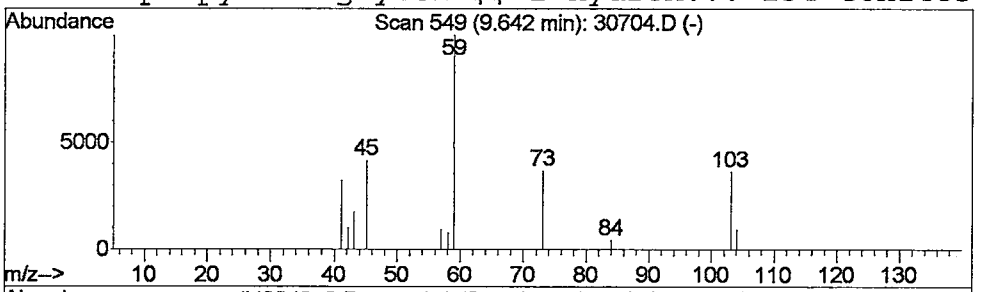
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

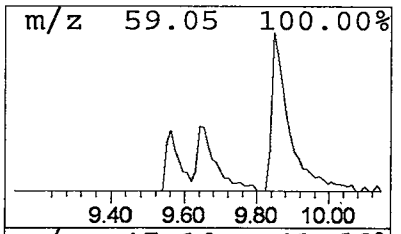
****

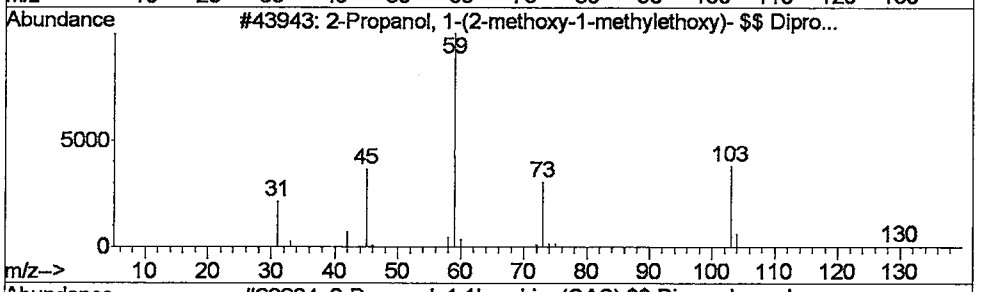
Peak Number 4 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 11

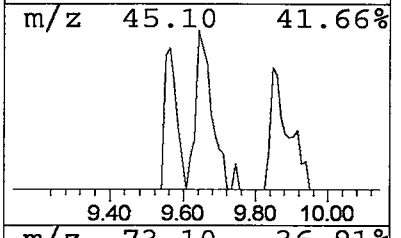
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	0.11 ug/L	40868	1,4-Dichlorobenzene-d4	9.72

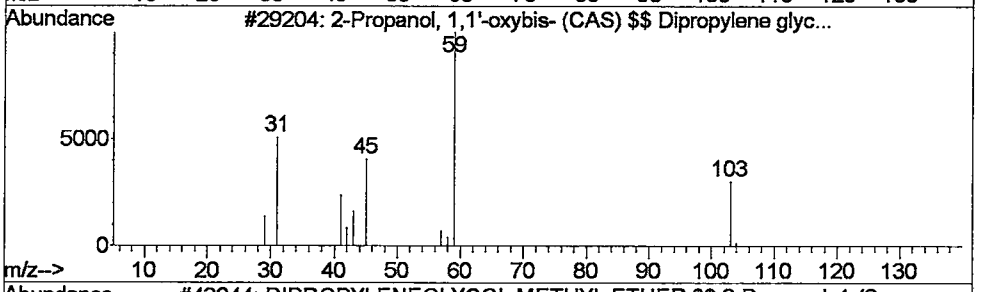
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	64
2	2-Propanol, 1,1'-oxybis- (CAS) $...	134	C6H14O3	000110-98-5	50
3	DIPROPYLENEGLYCOL METHYL ETHER $...	148	C7H16O3	020324-32-7	50
4	E-Dipropylene glycol $$ 2-hydrox...	134	C6H14O3	000000-00-0	45

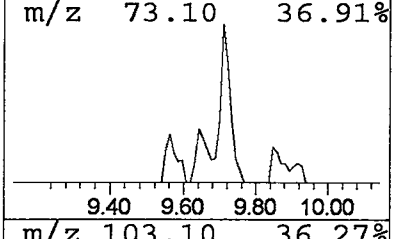


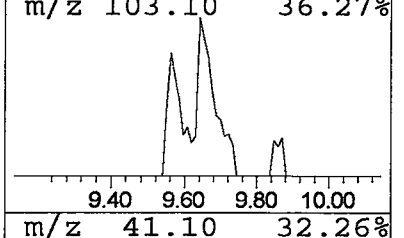


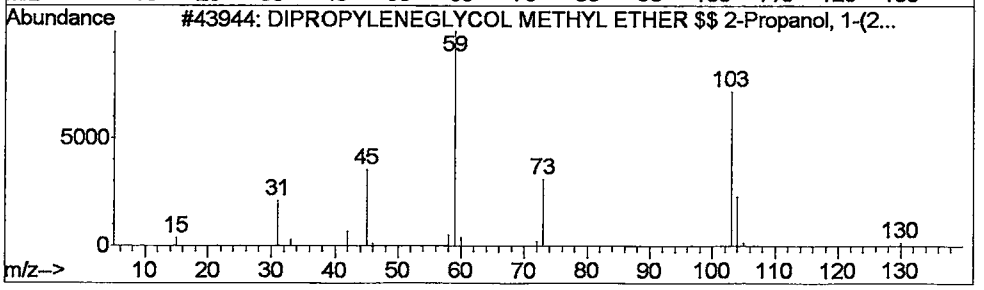


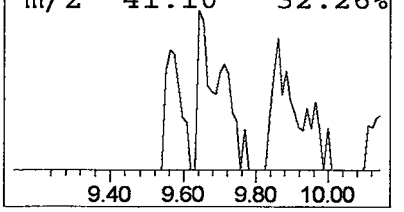












Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\30704.D Vial: 1
Acq On : 1 Feb 2002 2:44 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

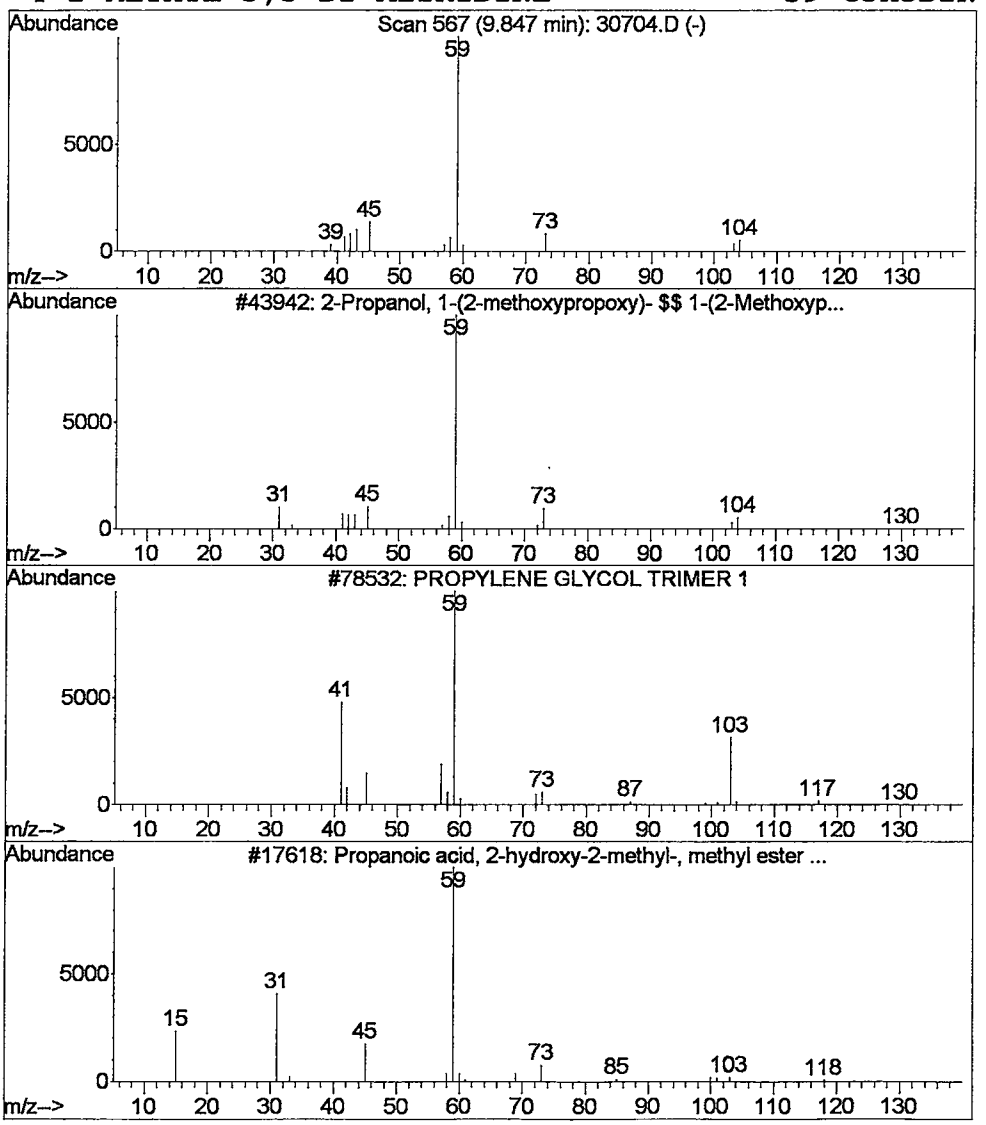
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

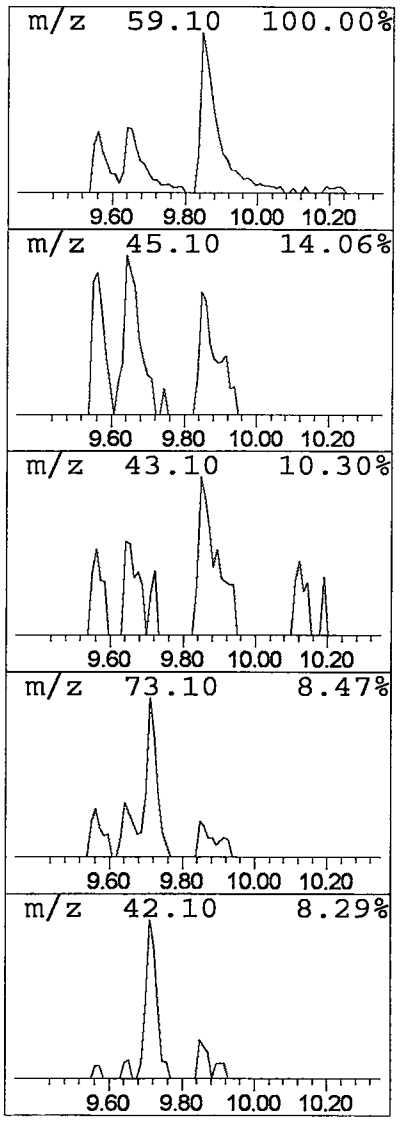
****

Peak Number 5 2-Propanol, 1-(2-methoxypro... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	0.29 ug/L	110232	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	PROPYLENE GLYCOL TRIMER 1	174	C9H18O3	000000-00-0	64
3	Propanoic acid, 2-hydroxy-2-meth...	118	C5H10O3	002110-78-3	43
4	2-METHYL-3,3-D2-AZIRIDINE	59	C3H5D2N	030691-55-5	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\30704.D Vial: 1
Acq On : 1 Feb 2002 2:44 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

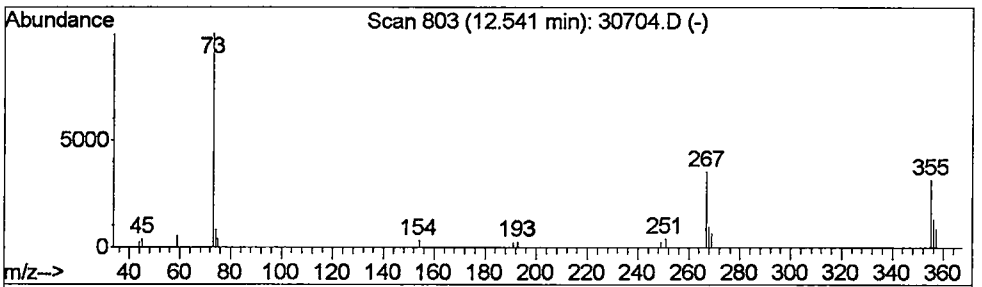
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

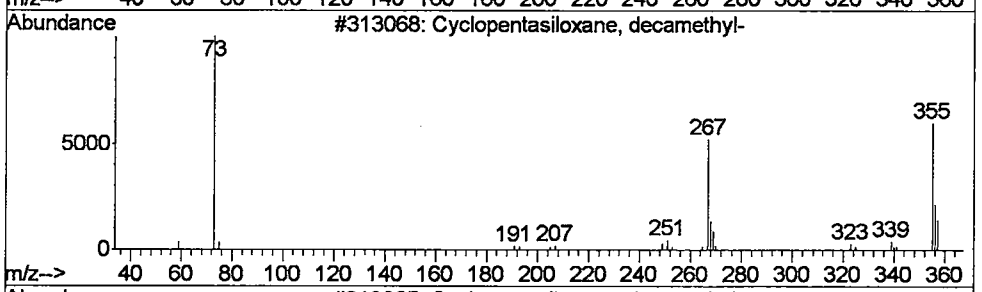
****

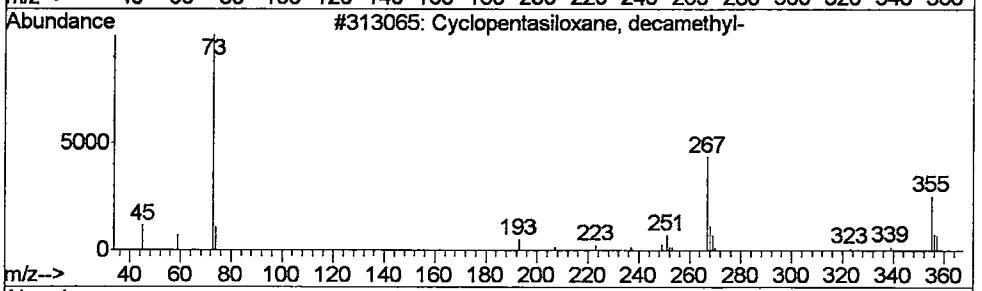
Peak Number 6 Cyclopentasiloxane, decamet... Concentration Rank 5

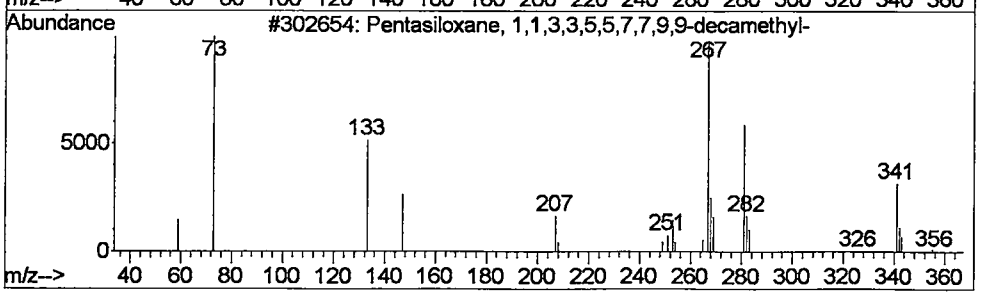
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	0.17 ug/L	90410	Naphthalene-d8	13.19

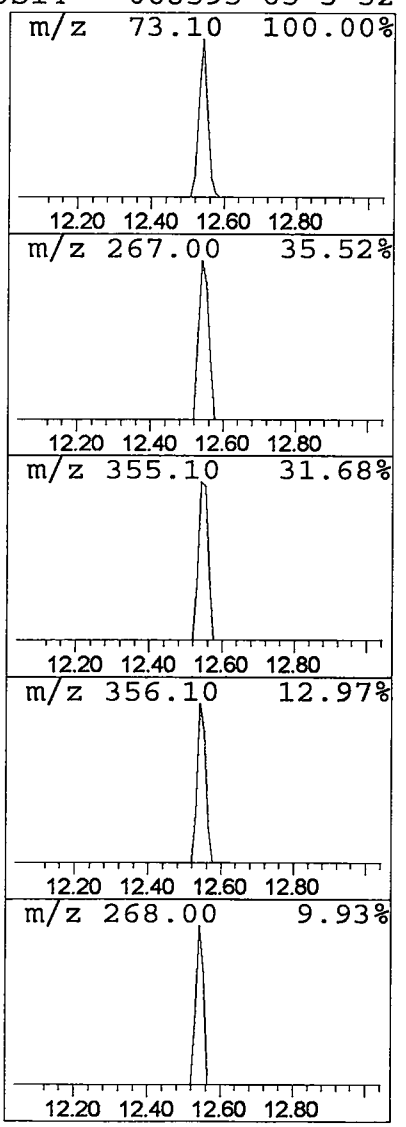
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	90
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	74
3	Pentasiloxane, 1,1,3,3,5,5,7,7,9...	356	C10H32O4Si5	000995-83-5	38
4	Noradrenaline tetraTMS	457	C20H43NO3Si4	068595-65-3	32











Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\30704.D Vial: 1
Acq On : 1 Feb 2002 2:44 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

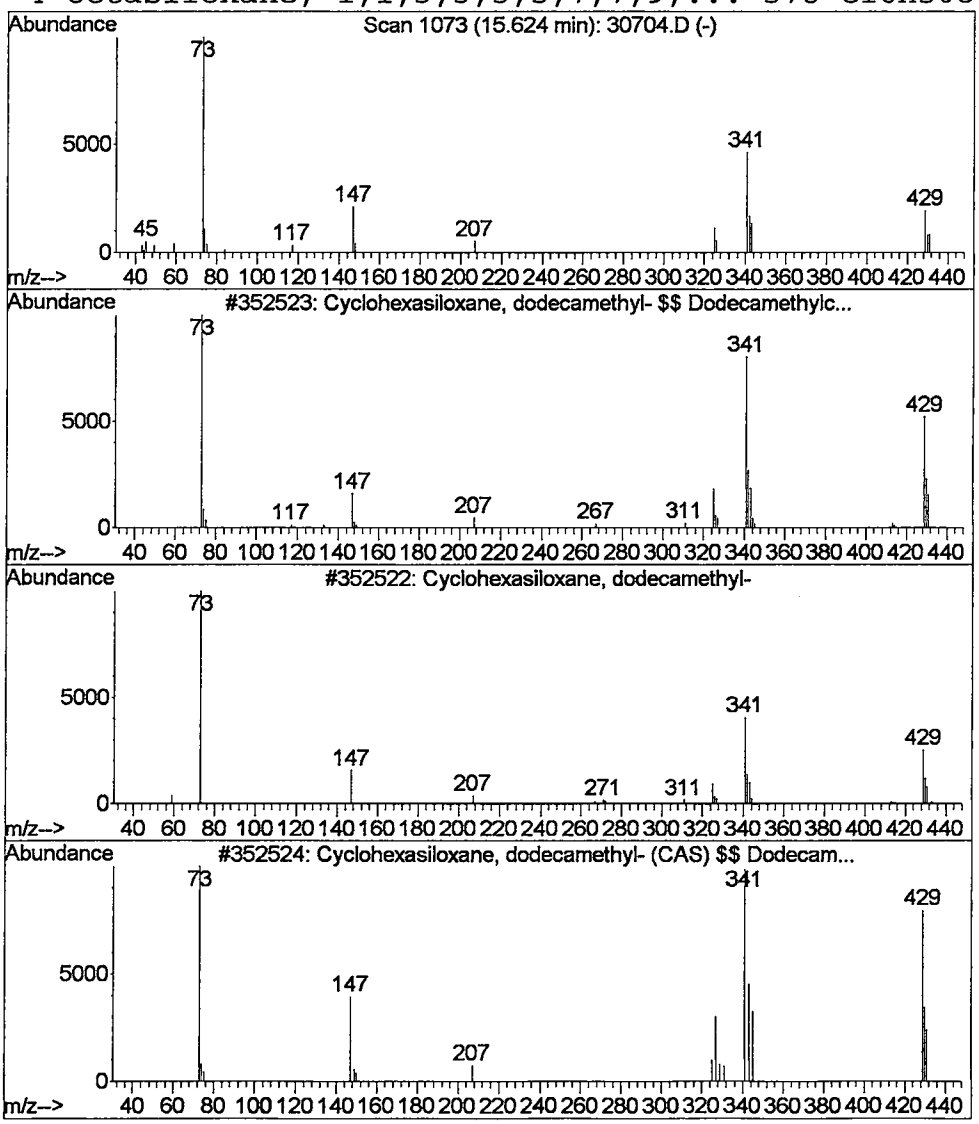
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

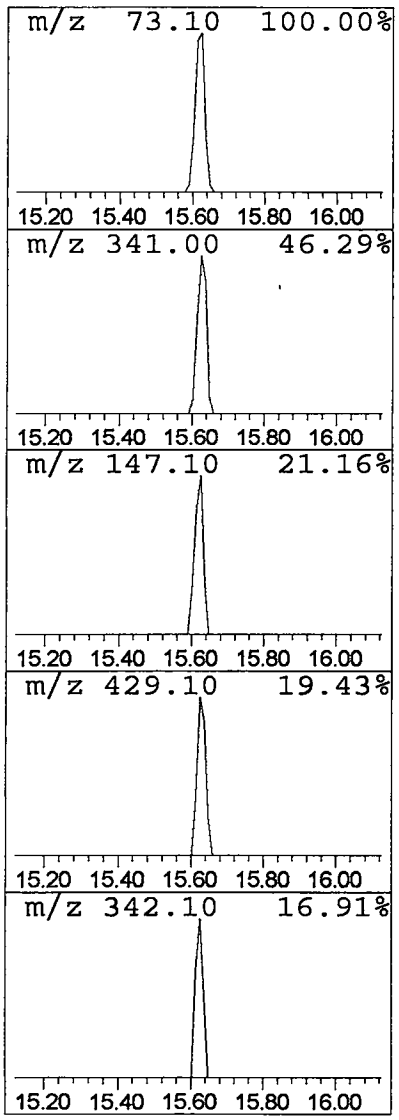
****

Peak Number 7 Cyclohexasiloxane, dodecame... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	0.15 ug/L	79745	Naphthalene-d8	13.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexasiloxane, dodecamethyl-...	444	C12H36O6Si6	000540-97-6	91
2	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	83
3	Cyclohexasiloxane, dodecamethyl-...	444	C12H36O6Si6	000540-97-6	47
4	Octasiloxane, 1,1,3,3,5,5,7,7,9,...	578	C16H50O7Si8	019095-24-0	38





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\30704.D Vial: 1
Acq On : 1 Feb 2002 2:44 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

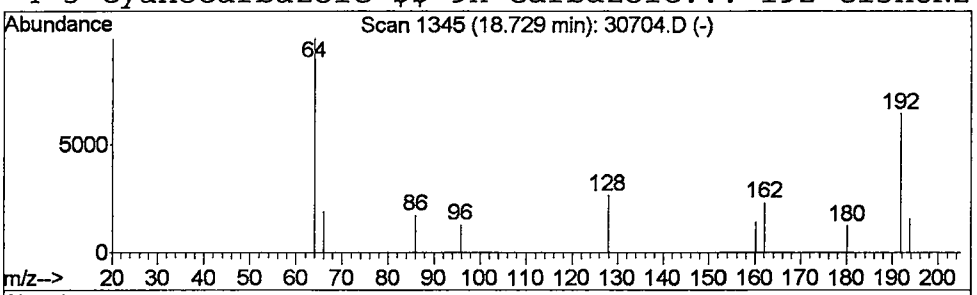
****

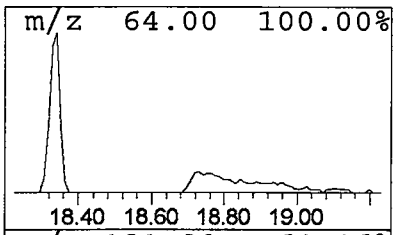
Peak Number 8 Cyclooctane-d16 (CAS) Concentration Rank 10

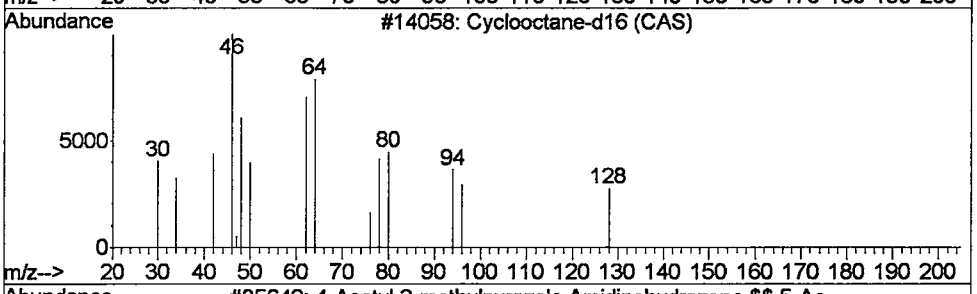
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	0.11 ug/L	64638	Acenaphthene-d10	18.34

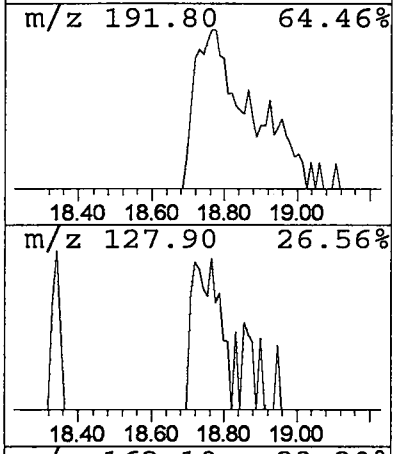
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane-d16 (CAS)	128	C8D16	092204-03-0	5
2	4-Acetyl-3-methylpyrazole Amidin...	180	C7H12N6	093584-04-4	5
3	Benzene, 1-chloro-4-(trifluoroet...	192	C8H4ClF3	082907-01-5	5
4	3-Cyanocarbazole $$ 9H-Carbazole...	192	C13H8N2	057102-93-9	5

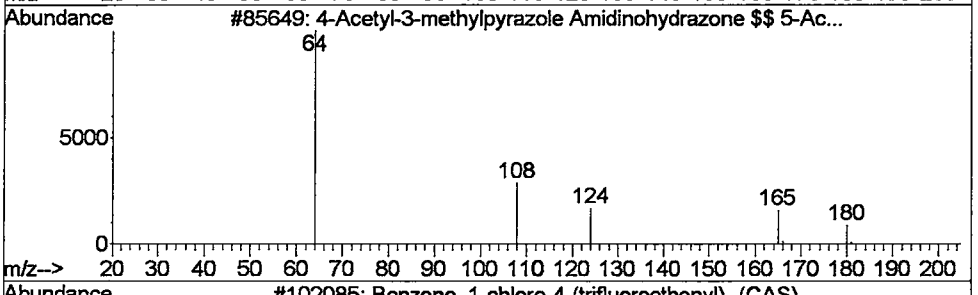
NO Good match

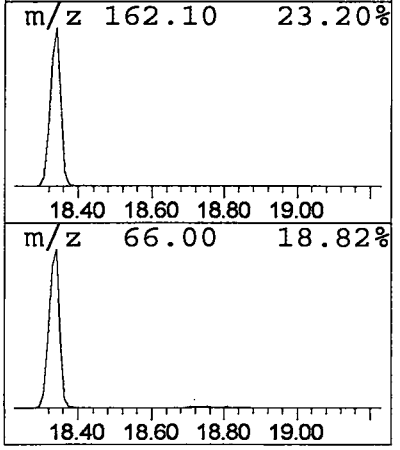


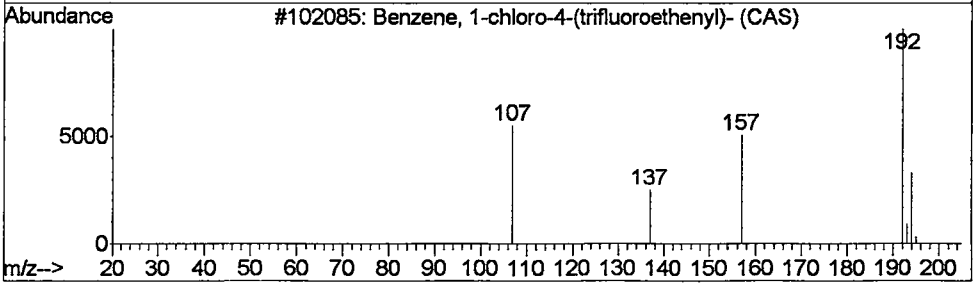












Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\30704.D Vial: 1
Acq On : 1 Feb 2002 2:44 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

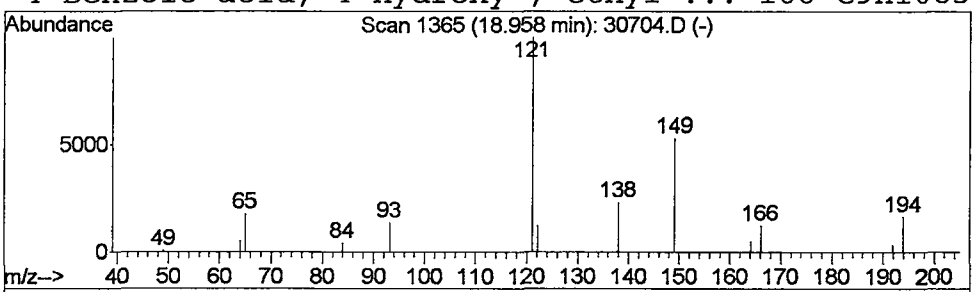
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

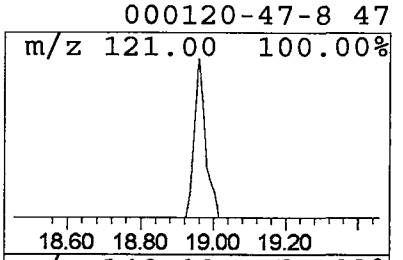
****

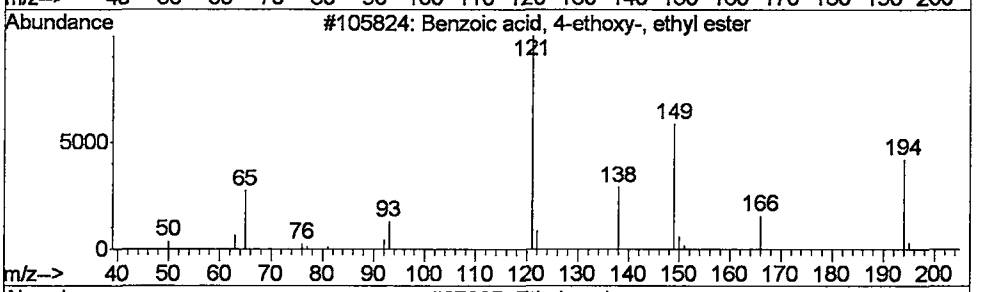
Peak Number 9 Benzoic acid, 4-ethoxy-, et... Concentration Rank 12

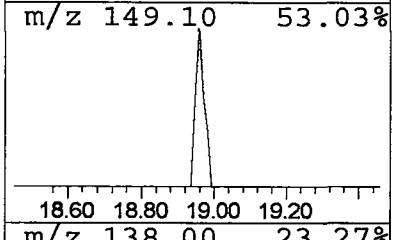
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	0.09 ug/L	50389	Acenaphthene-d10	18.34

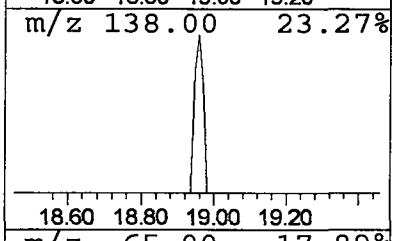
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-ethoxy-, ethyl e...	194	C11H14O3	023676-09-7	90
2	Ethylparaben	166	C9H10O3	000120-47-8	50
3	Ethyl 3-hydroxybenzoate	166	C9H10O3	007781-98-8	50
4	Benzoic acid, 4-hydroxy-, ethyl ...	166	C9H10O3	000120-47-8	47

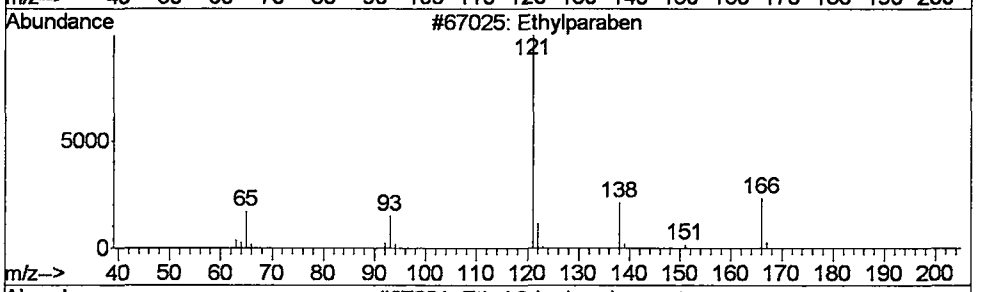


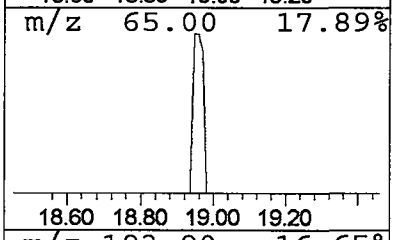


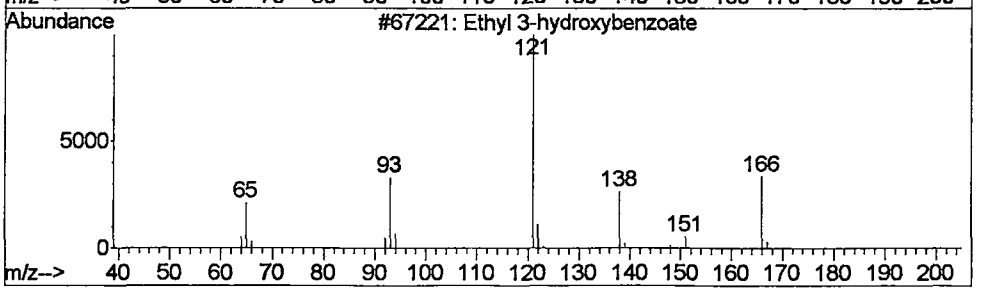


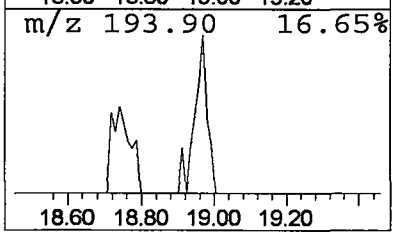












Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\30704.D Vial: 1
Acq On : 1 Feb 2002 2:44 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

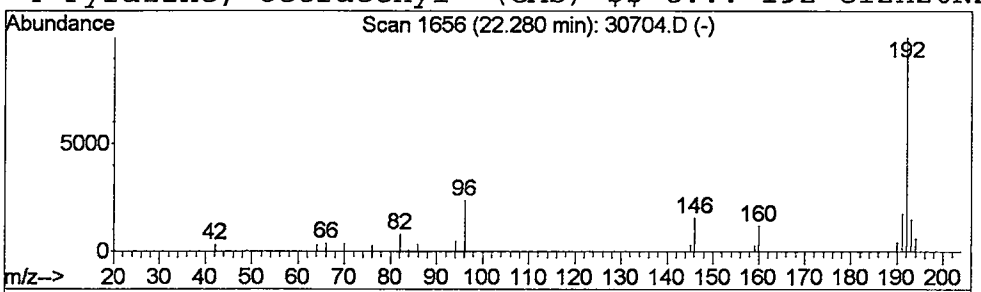
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

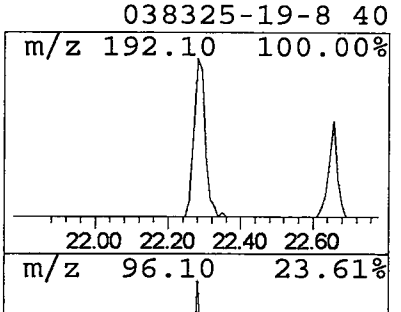
****

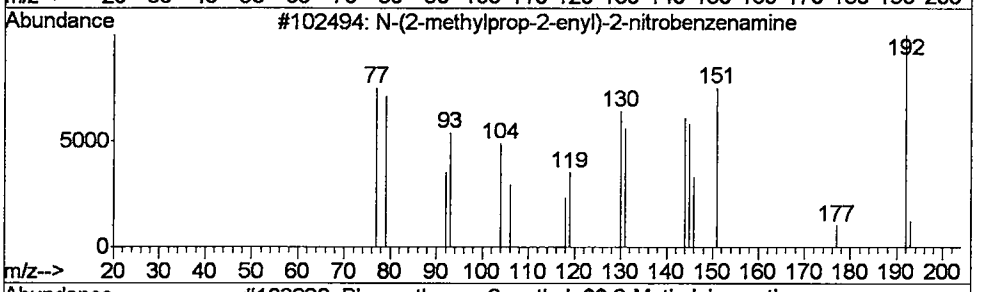
Peak Number 10 N-(2-methylprop-2-enyl)-2-n... Concentration Rank 8

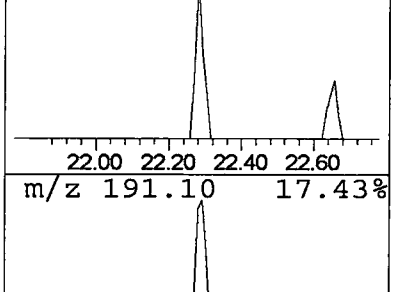
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.14 ug/L	88442	Phenanthrene-d10	22.65

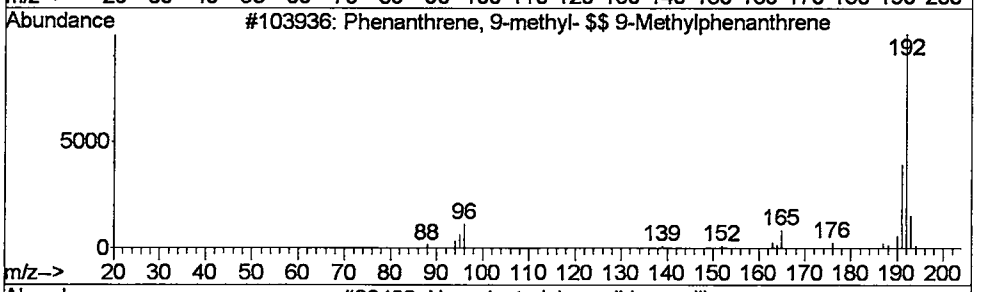
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(2-methylprop-2-enyl)-2-nitrob...	192	C10H12N2O2	000000-00-0	46
2	Phenanthrene, 9-methyl- $$ 9-Met...	192	C15H12	000883-20-5	42
3	N-perdeuteriobenzylideneaniline	192	C13D11N	000538-51-2	40
4	Pyrazine, tetraethyl- (CAS) $$ t...	192	C12H20N2	038325-19-8	40

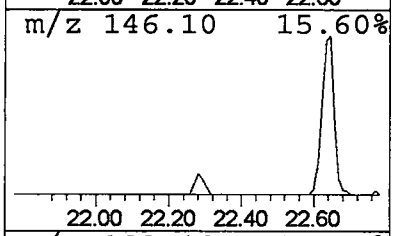


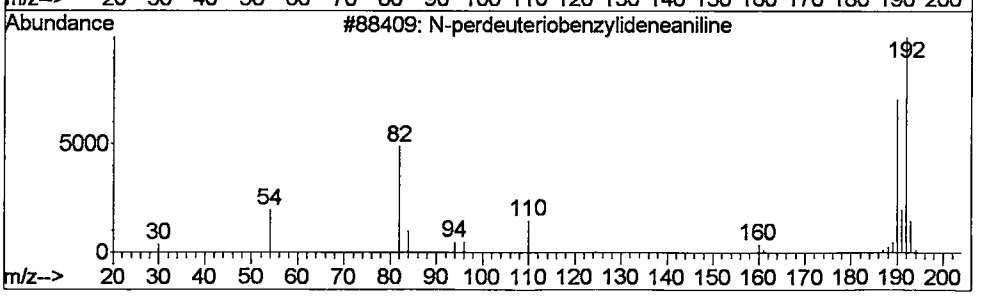


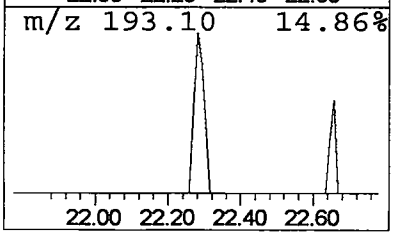












Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\30704.D Vial: 1
Acq On : 1 Feb 2002 2:44 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

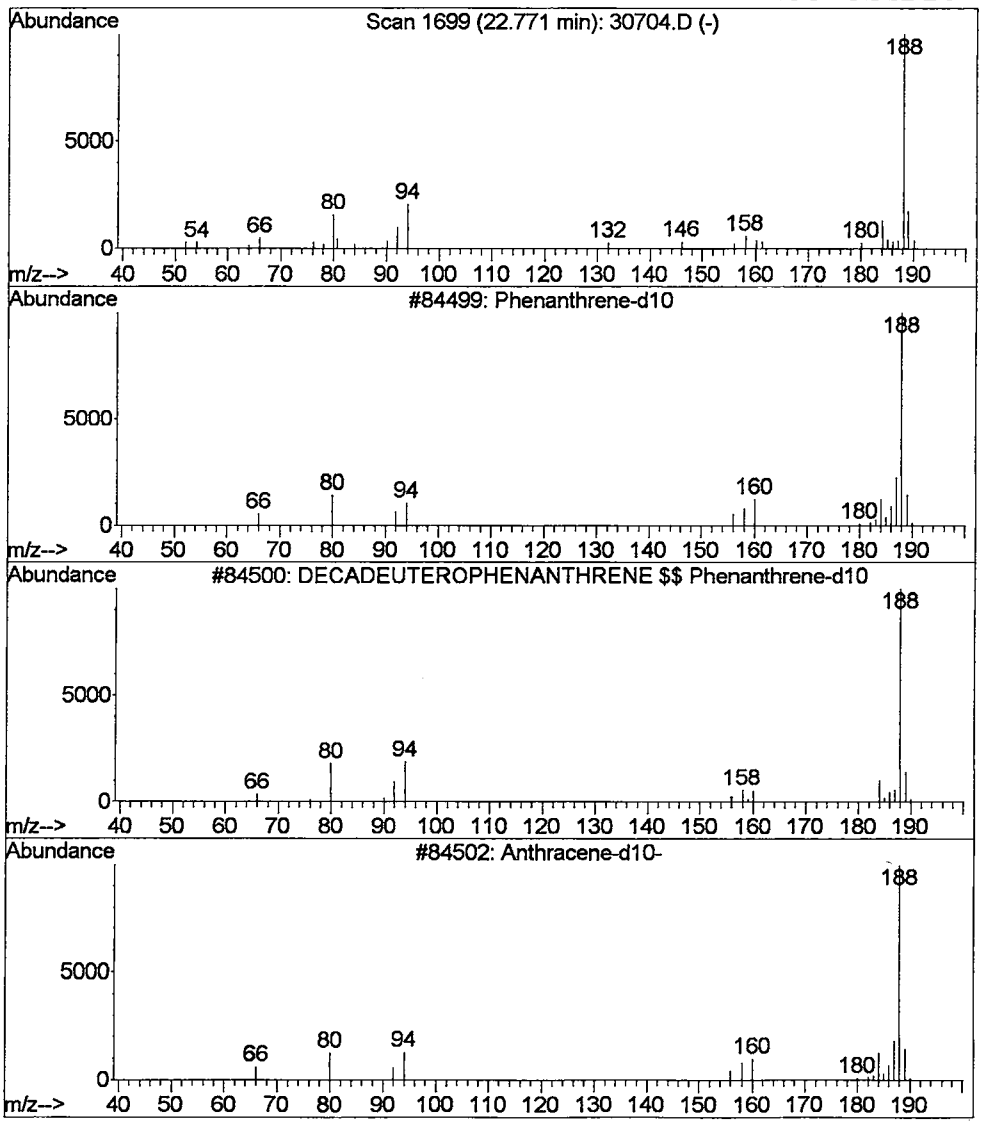
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

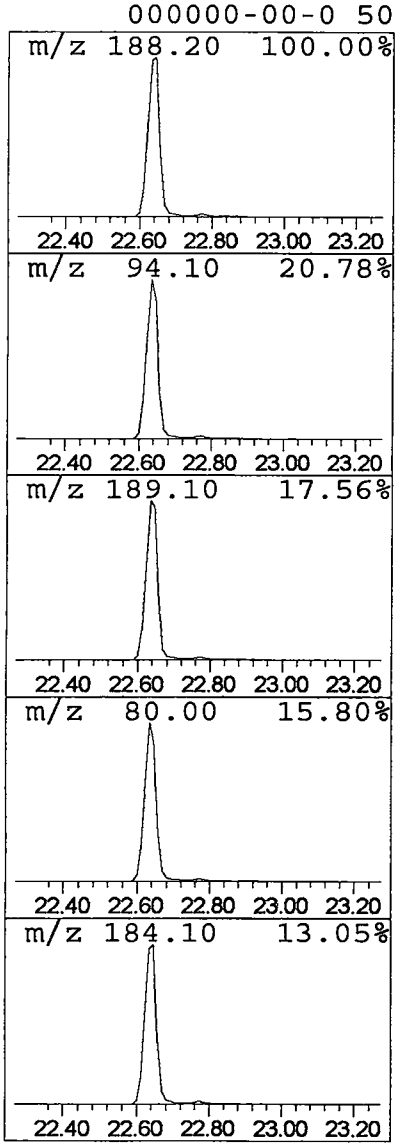
****

Peak Number 11 Phenanthrene-d10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.51 ug/L	318750	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	80
2	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	72
3	Anthracene-d10-	188	C14D10	001719-06-8	72
4	Anthracene-D10	188	C14D10	000000-00-0	50





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\30704.D Vial: 1
Acq On : 1 Feb 2002 2:44 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

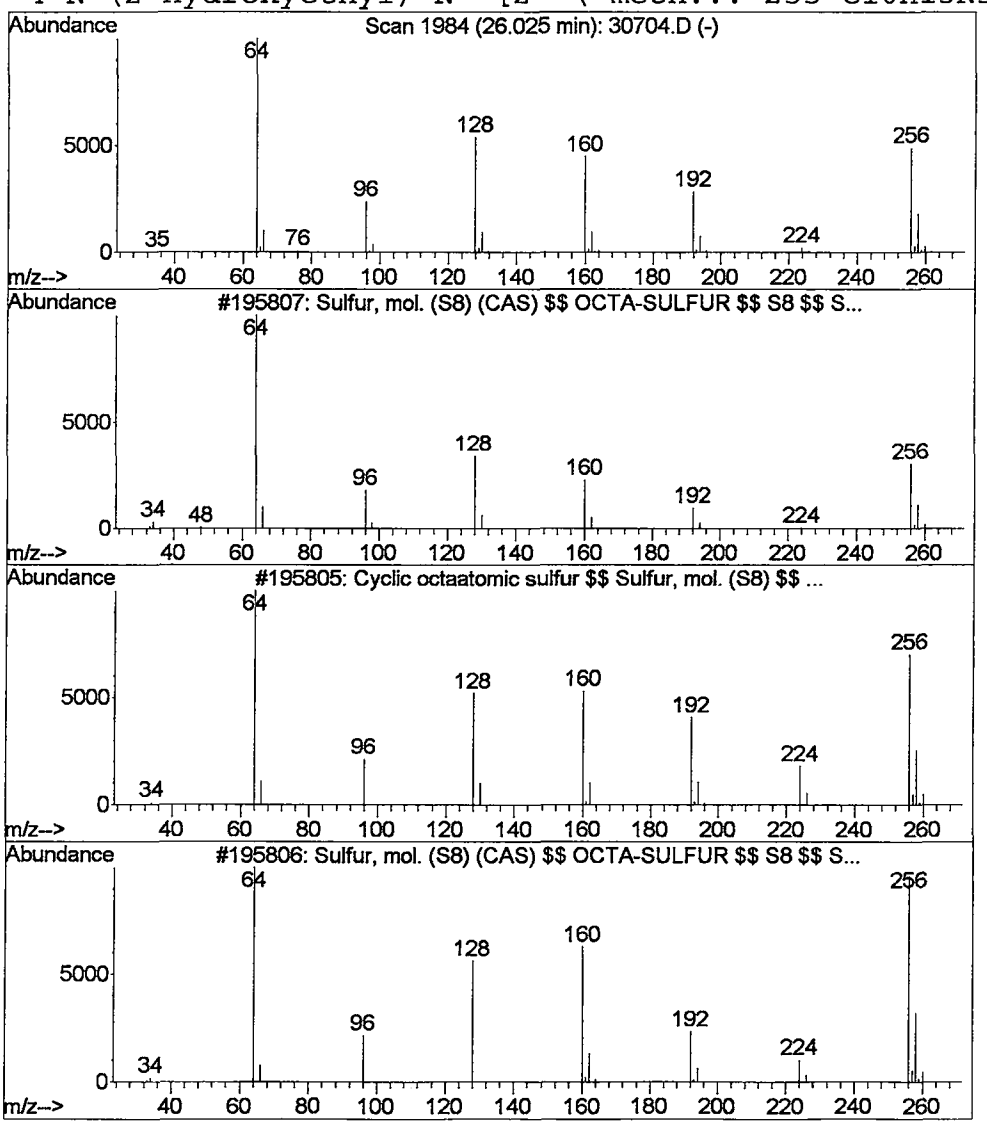
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

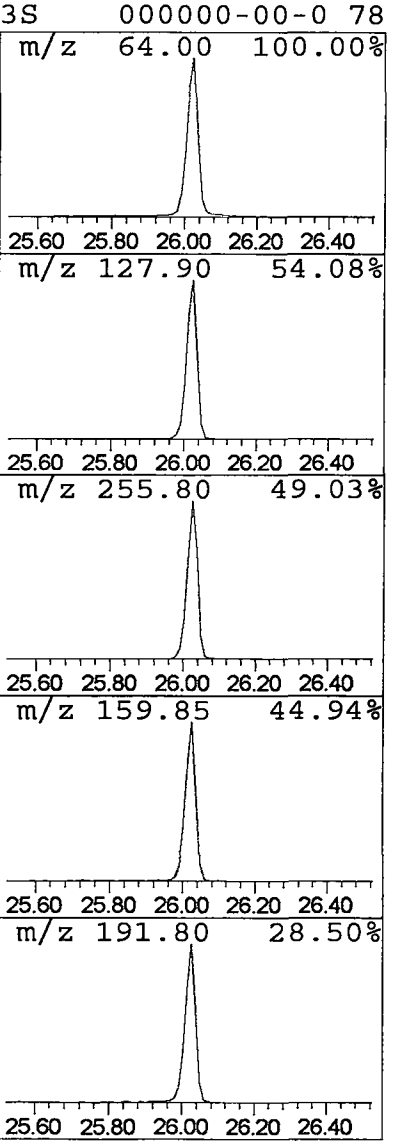
****

Peak Number 12 Sulfur, mol. (S8) (CAS) $$ ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.02	3.97 ug/L	2501310	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur, mol. (S8) (CAS) $$ OCTA-...	256	S8	010544-50-0	96
2	Cyclic octaatomic sulfur $$ Sulf...	256	S8	010544-50-0	95
3	Sulfur, mol. (S8) (CAS) $$ OCTA-...	256	S8	010544-50-0	94
4	N-(2-Hydroxyethyl)-N'-[2'-(-meth...	255	C10H13N3O3S	000000-00-0	78





Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 1 Feb 2002 2:44 pm
Data File: C:\MSDCHEM\1\5973N\02FEB01\30704.D
Name: 508 scan
Misc: February 1, 2002
Method: C:\MSDCHEM\1\METHODS\METHODS\SCAN508.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...	3.60	0.1	ug/L	55648	1	9.72	7526440	20.0
1,3-Dioxolane, 2-...	5.93	0.5	ug/L	175224	1	9.72	7526440	20.0
2-Propanol, 1,1'-...	9.56	0.1	ug/L	47418	1	9.72	7526440	20.0
2-Propanol, 1-(2-...	9.64	0.1	ug/L	40868	1	9.72	7526440	20.0
2-Propanol, 1-(2-...	9.85	0.3	ug/L	110232	1	9.72	7526440	20.0
Cyclopentasiloxan...	12.54	0.2	ug/L	90410	2	13.19	10477700	20.0
Cyclohexasiloxane...	15.62	0.2	ug/L	79745	2	13.19	10477700	20.0
Cyclooctane-d16 (...	18.73	0.1	ug/L	64638	3	18.34	11553100	20.0
Benzoic acid, 4-e...	18.96	0.1	ug/L	50389	3	18.34	11553100	20.0
N-(2-methylprop-2...	22.28	0.1	ug/L	88442	4	22.65	12587500	20.0
Phenanthrene-d10	22.77	0.5	ug/L	318750	4	22.65	12587500	20.0
Sulfur, mol. (S8)...	26.02	4.0	ug/L	2501310	4	22.65	12587500	20.0

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/11/2002 Time: 16:54:16

Sample: AD31505
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/11/02 16:54 Ended: 2/11/02 16:54 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Comments for Sample AD31505 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-11-2002 Time: 16:54:28

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 13 of the 43 compounds in the LCS Standard were above their acceptance ranges. This sample is the Field Blank.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB01\31505.D Vial: 6
Acq On : 1 Feb 2002 6:53 pm Operator:
Sample : 508 scan fb Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 04 08:34:26 2002 Quant Results File: SCAN508.RES

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Fri Jan 11 13:20:07 2002
Response via : Initial Calibration
DataAcq Meth : SCAN508

NEEDS REEXTRACTION
FB

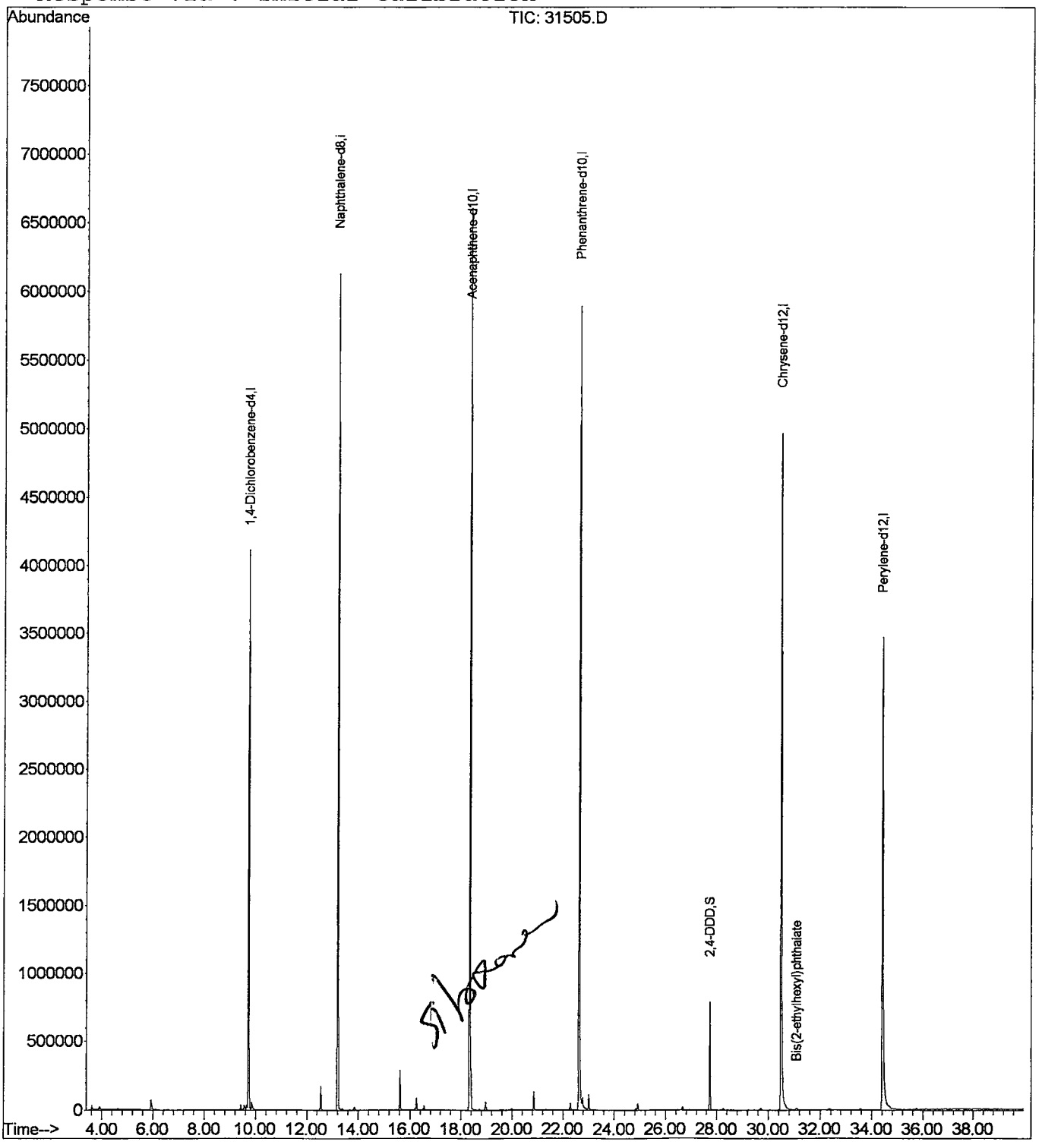
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.72	152	1445917	20.00	ug/L	0.00
10) Naphthalene-d8	13.19	136	6110336	20.00	ug/L	-0.02
17) Acenaphthene-d10	18.34	164	3218793	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.65	188	5221378	20.00	ug/L	-0.02
38) Chrysene-d12	30.49	240	4173727	20.00	ug/L	-0.02
44) Perylene-d12	34.42	264	2801827	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD	27.73	235	281700	3.41	ug/L	0.00
Spiked Amount 5.000			Recovery =	68.20%		
Target Compounds						Qvalue
42) Bis(2-ethylhexyl)phthalate	31.09	149	10604	0.60	ug/L #	70

(#) = qualifier out of range (m) = manual integration
31505.D SCAN508.M Mon Feb 04 09:42:17 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB01\31505.D Vial: 6
Acq On : 1 Feb 2002 6:53 pm Operator:
Sample : 508 scan fb Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 4 9:41 2002 Quant Results File: SCAN508.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Fri Jan 11 13:20:07 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\31505.D Vial: 6
Acq On : 1 Feb 2002 6:53 pm Operator:
Sample : 508 scan fb Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.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

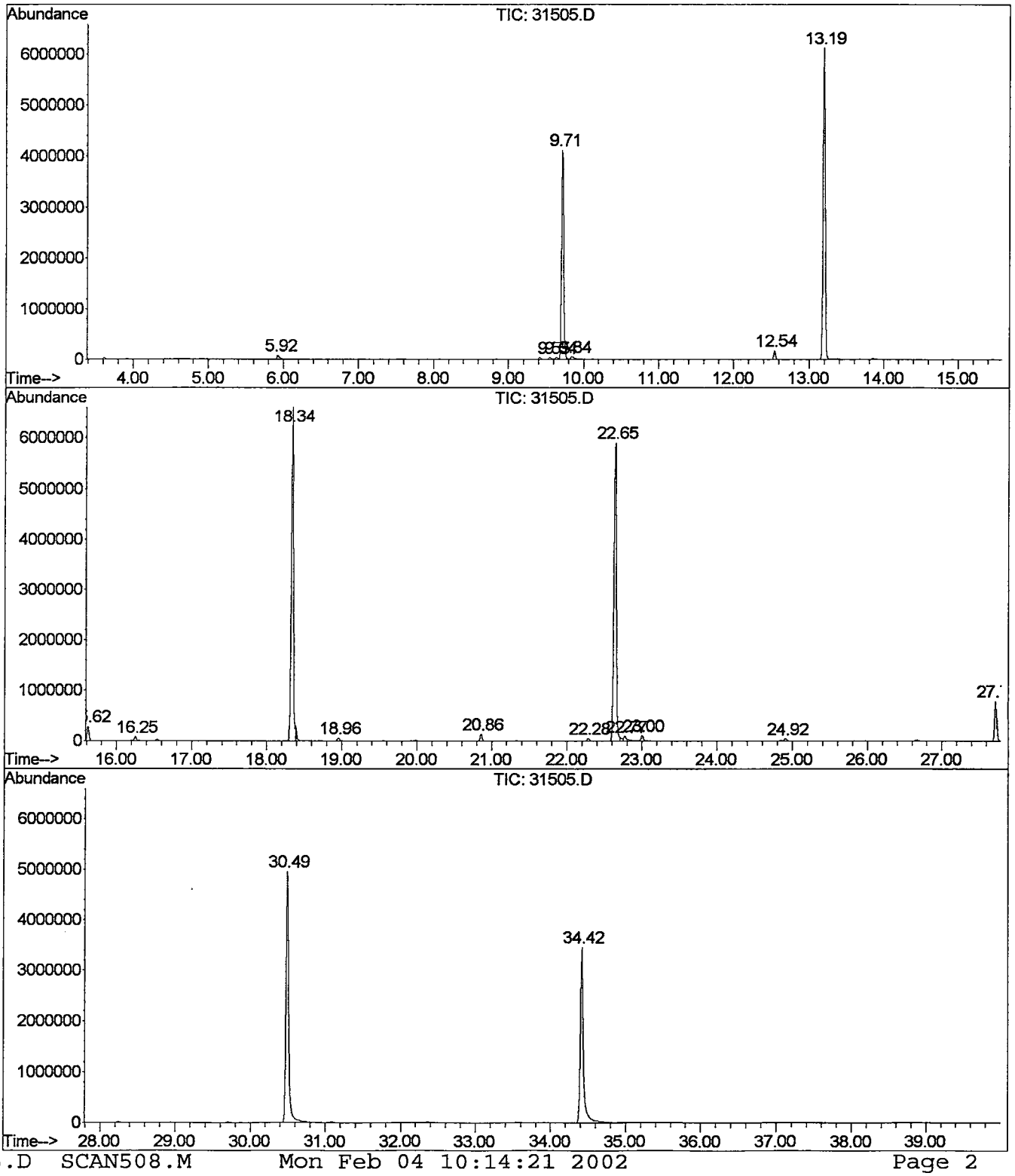
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.920	219	223	243	rBV	74235	189538	1.37%	0.259%
2	9.550	537	541	547	rBV	33065	84804	0.61%	0.116%
3	9.642	547	549	551	rVV	31959	70508	0.51%	0.096%
4	9.710	551	555	561	rVV	4113275	8243846	59.57%	11.259%
5	9.836	561	566	585	rVB	53414	191530	1.38%	0.262%
6	12.541	799	803	807	rBV	174583	287462	2.08%	0.393%
7	13.192	855	860	865	rBV	6126376	11745165	84.86%	16.041%
8	15.624	1067	1073	1077	rVV	288303	510590	3.69%	0.697%
9	16.252	1125	1128	1133	rVB	79401	137687	0.99%	0.188%
10	18.341	1305	1311	1315	rBV	6605426	13306622	96.15%	18.173%
11	18.958	1361	1365	1371	rBV	58592	115551	0.83%	0.158%
12	20.864	1527	1532	1537	rBV	134524	248253	1.79%	0.339%
13	22.280	1653	1656	1661	rBV2	48497	87527	0.63%	0.120%
14	22.645	1681	1688	1693	rBV2	5897887	13839849	100.00%	18.901%
15	22.771	1697	1699	1715	rVV	90051	290243	2.10%	0.396%
16	22.999	1715	1719	1725	rVV	108555	217996	1.58%	0.298%
17	24.917	1877	1887	1893	rVB2	45449	136780	0.99%	0.187%
18	27.726	2129	2133	2139	rBV	788593	1391599	10.06%	1.901%
19	30.489	2369	2375	2409	rBV2	4964246	12443459	89.91%	16.994%
20	34.416	2713	2719	2775	rBV	3465453	9682761	69.96%	13.224%

Sum of corrected areas: 73221770

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02FEB01\31505.D
Operator :
Acquired : 1 Feb 2002 6:53 pm using AcqMethod SCAN508
Instrument : Instrumen
Sample Name: 508 scan fb
Misc Info : February 1, 2002
Vial Number: 6
Quant File :SCAN508.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\31505.D Vial: 6
Acq On : 1 Feb 2002 6:53 pm Operator:
Sample : 508 scan fb Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

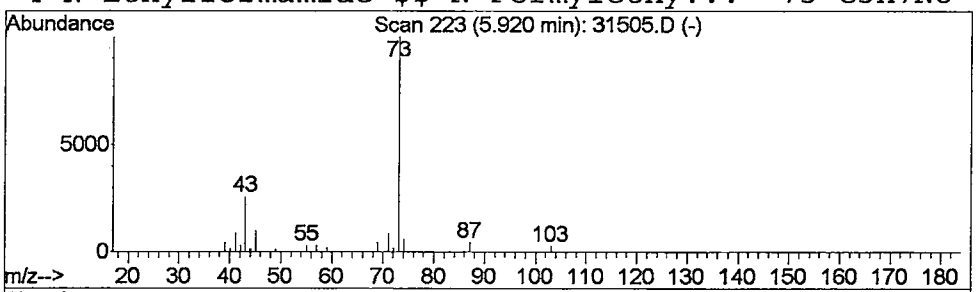
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

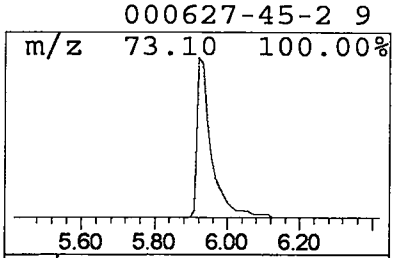
****

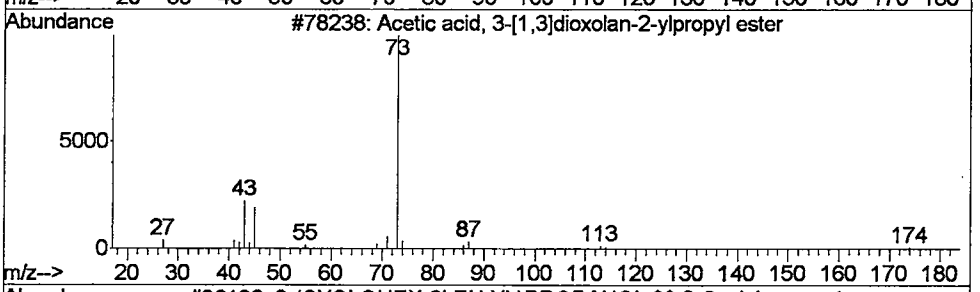
Peak Number 1 Acetic acid, 3-[1,3]dioxola... Concentration Rank 4

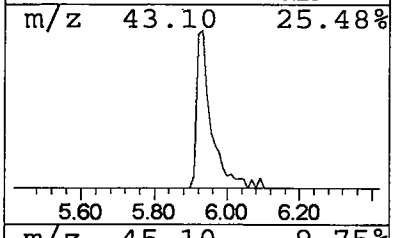
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.92	0.46 ug/L	189538	1,4-Dichlorobenzene-d4	9.72

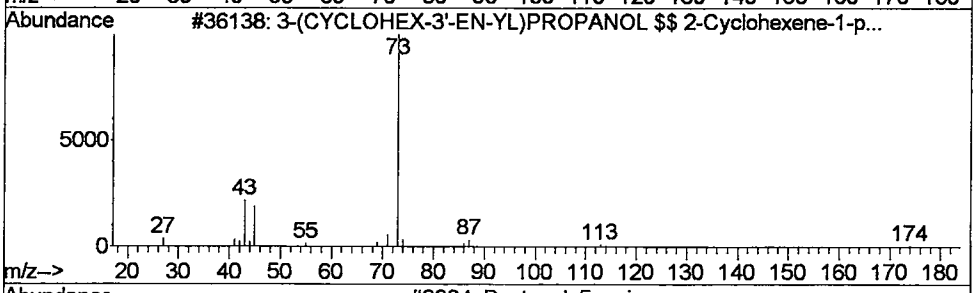
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	33
2	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	33
3	Pentanol, 5-amino-	103	C5H13NO	002508-29-4	9
4	N-Ethylformamide $$ N-Formylethy...	73	C3H7NO	000627-45-2	9

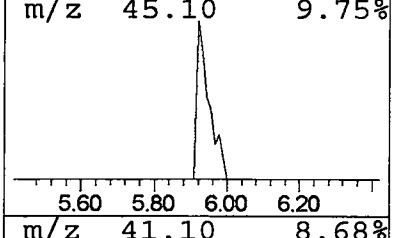


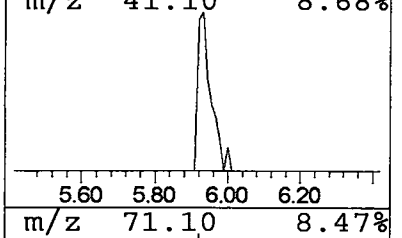


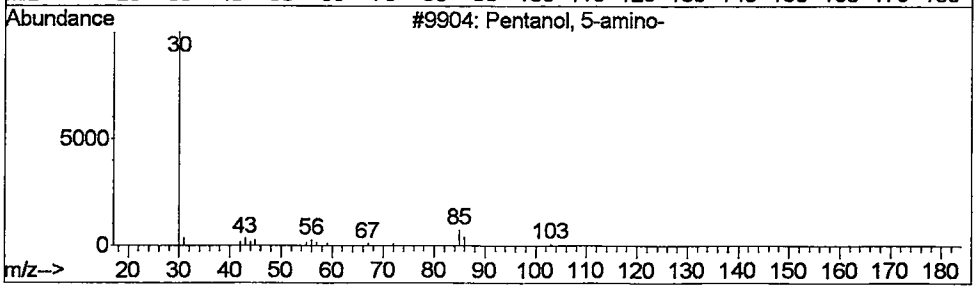


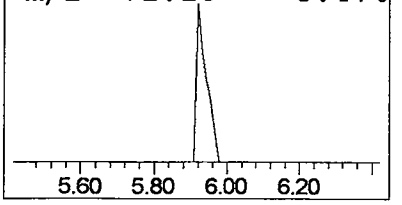












Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\31505.D Vial: 6
Acq On : 1 Feb 2002 6:53 pm Operator:
Sample : 508 scan fb Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

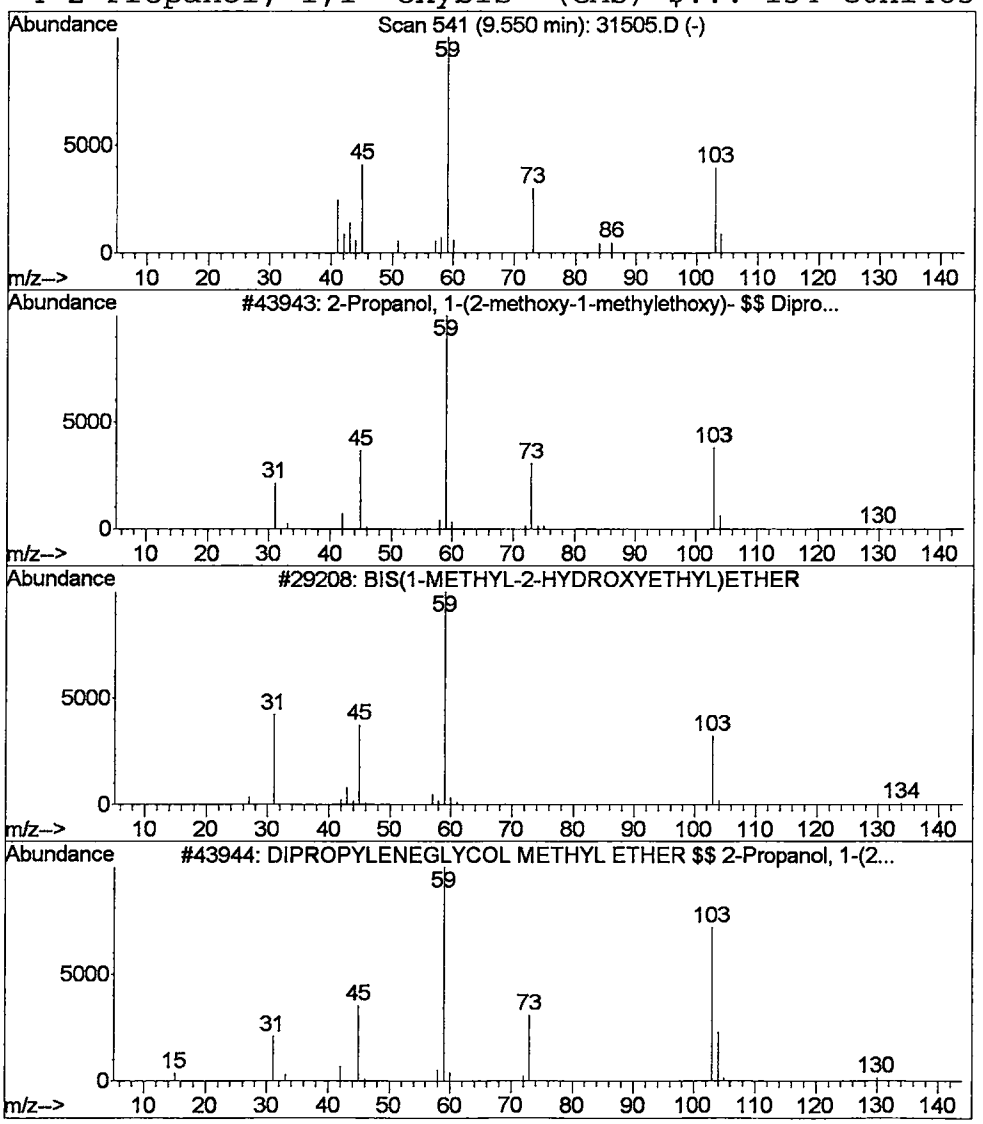
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

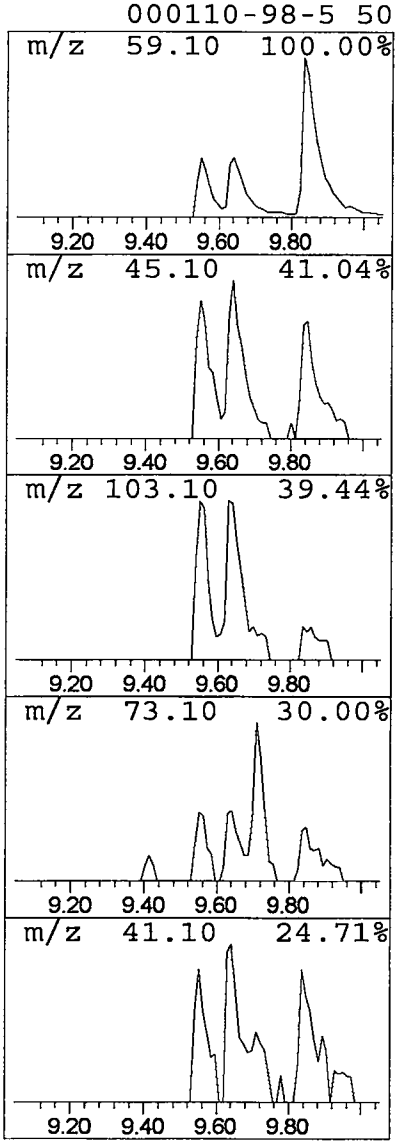
****

Peak Number 2 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	0.21 ug/L	84804	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	BIS(1-METHYL-2-HYDROXYETHYL)ETHER	134	C6H14O3	000000-00-0	50
3	DIPROPYLENEGLYCOL METHYL ETHER $...	148	C7H16O3	020324-32-7	50
4	2-Propanol, 1,1'-oxybis- (CAS) $...	134	C6H14O3	000110-98-5	50





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\31505.D Vial: 6
Acq On : 1 Feb 2002 6:53 pm Operator:
Sample : 508 scan fb Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

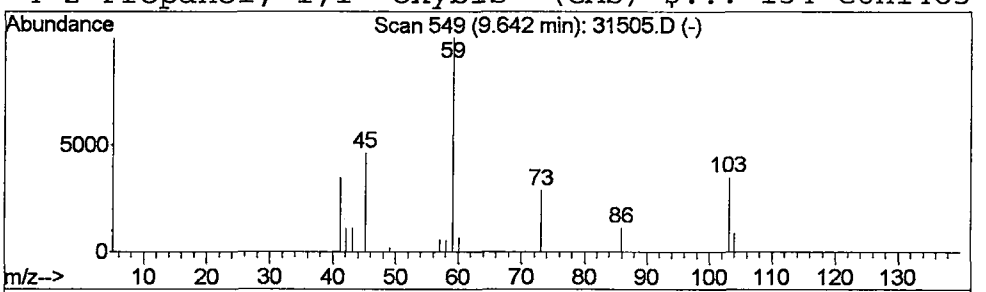
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

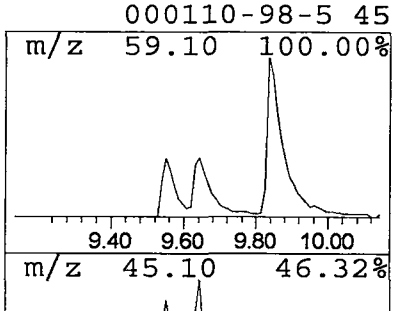
****

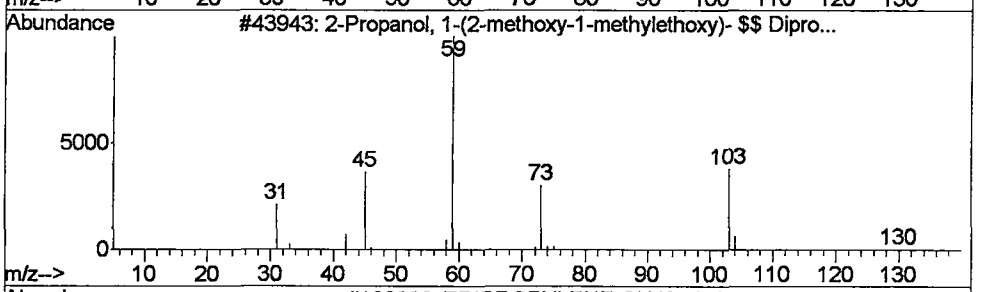
Peak Number 3 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 12

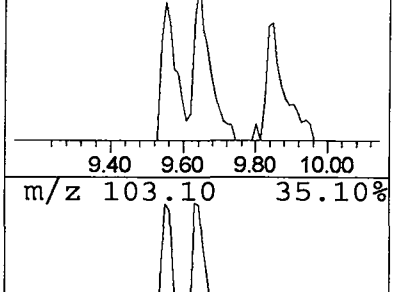
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	0.17 ug/L	70508	1,4-Dichlorobenzene-d4	9.72

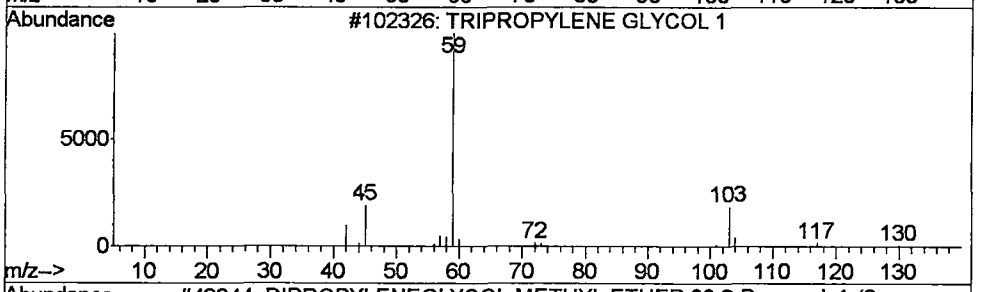
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	78
2	TRIPROPYLENE GLYCOL 1	192	C9H20O4	000000-00-0	50
3	DIPROPYLENEGLYCOL METHYL ETHER $...	148	C7H16O3	020324-32-7	50
4	2-Propanol, 1,1'-oxybis- (CAS) $...	134	C6H14O3	000110-98-5	45

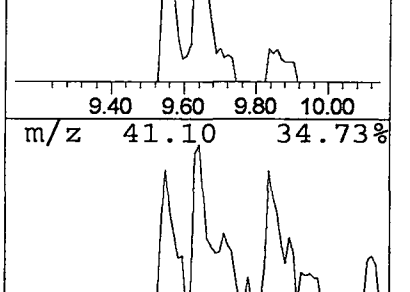


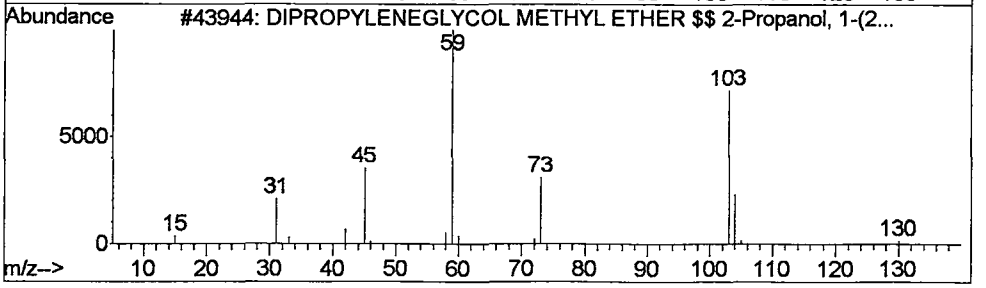


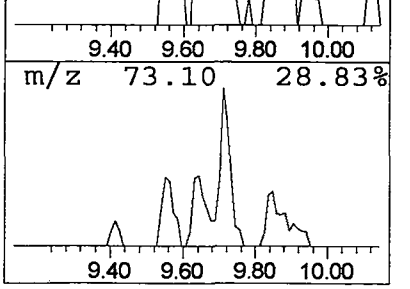












Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\31505.D Vial: 6
Acq On : 1 Feb 2002 6:53 pm Operator:
Sample : 508 scan fb Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

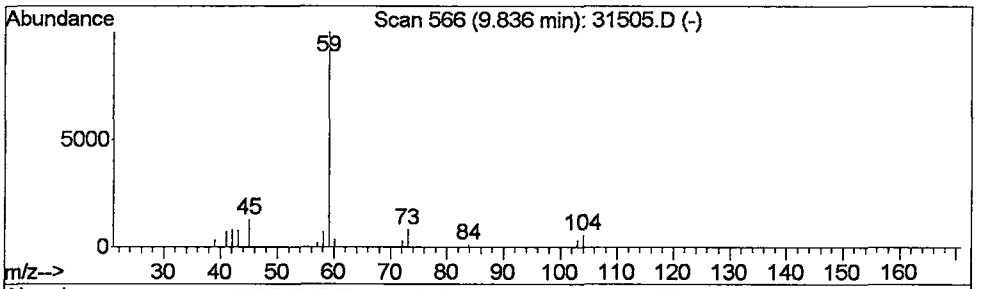
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

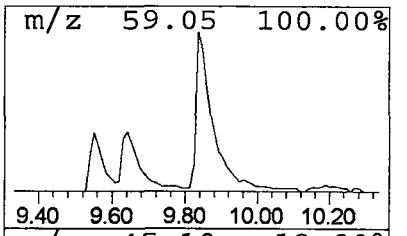
****

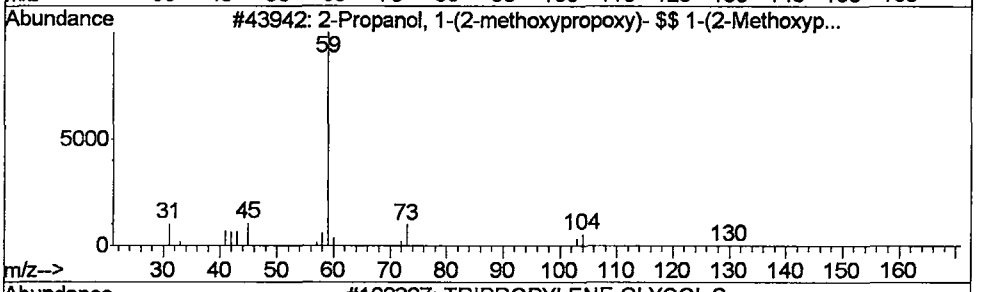
Peak Number 4 2-Propanol, 1-(2-methoxypro... Concentration Rank 3

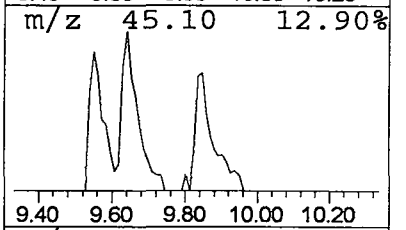
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	0.46 ug/L	191530	1,4-Dichlorobenzene-d4	9.72

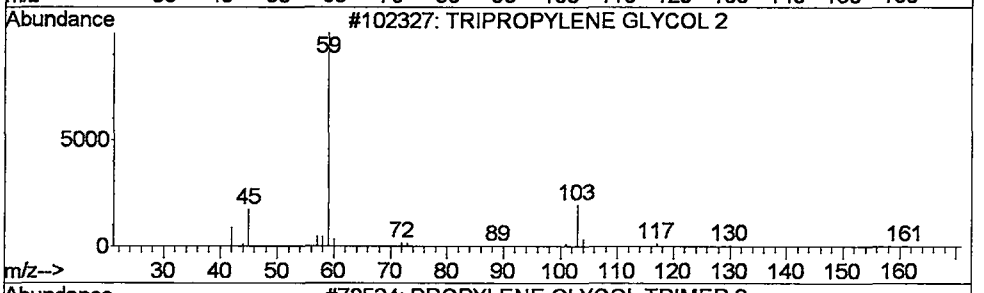
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxypropoxy)...	148	C7H16O3	013429-07-7	83
2	TRIPROPYLENE GLYCOL 2	192	C9H20O4	000000-00-0	64
3	PROPYLENE GLYCOL TRIMER 3	174	C9H18O3	000000-00-0	64
4	PROPYLENE GLYCOL TRIMER 1	174	C9H18O3	000000-00-0	64

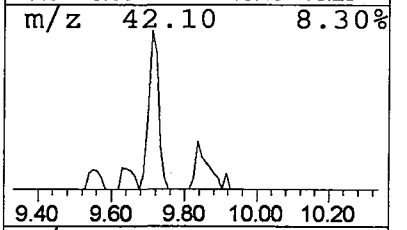


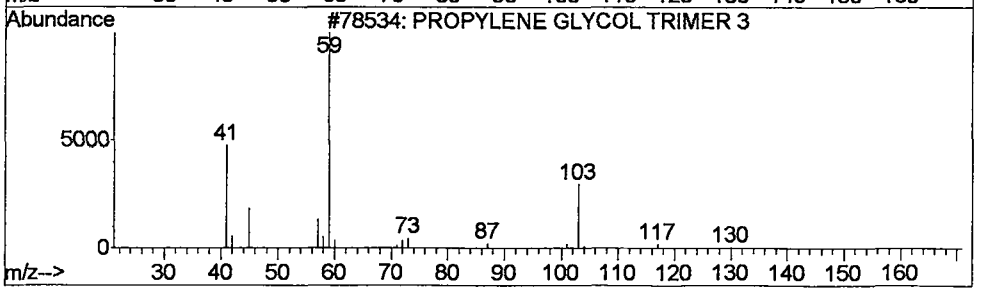


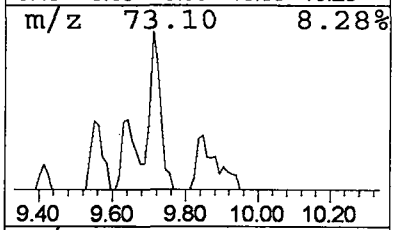


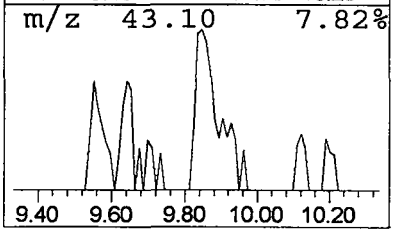












Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\31505.D Vial: 6
Acq On : 1 Feb 2002 6:53 pm Operator:
Sample : 508 scan fb Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

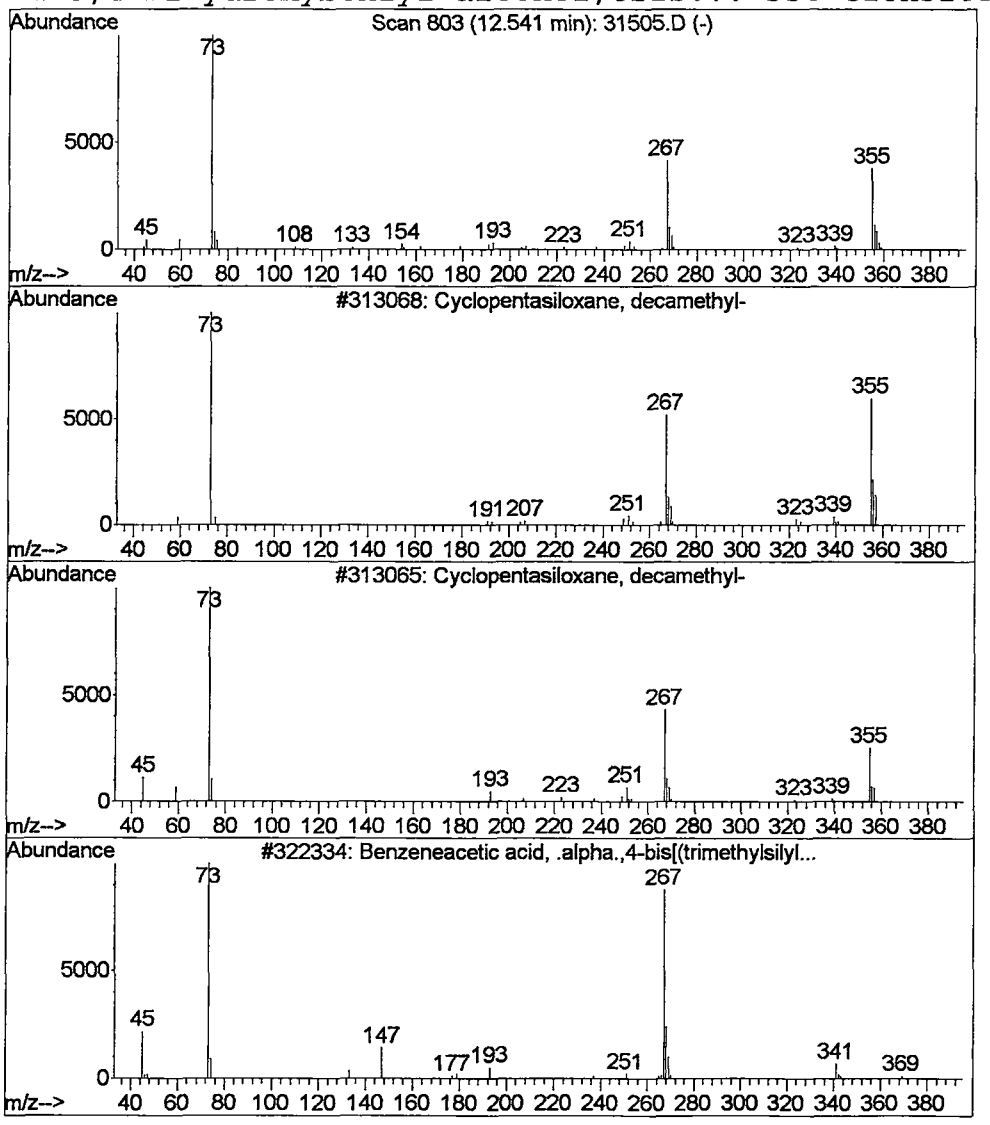
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

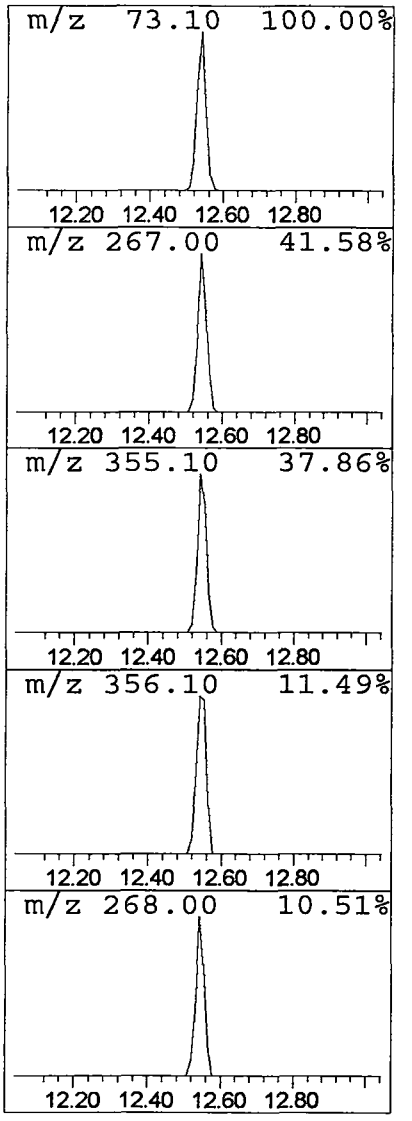
****

Peak Number 5 Cyclopentasiloxane, decamet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	0.49 ug/L	287462	Naphthalene-d8	13.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	58
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	53
3	Benzeneacetic acid, .alpha.,4-bi...	384	C17H32O4Si3	037148-64-4	47
4	3,4-Dihydroxybenzyl alcohol,tris...	356	C16H32O3Si3	068595-79-9	40





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\31505.D Vial: 6
Acq On : 1 Feb 2002 6:53 pm Operator:
Sample : 508 scan fb Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

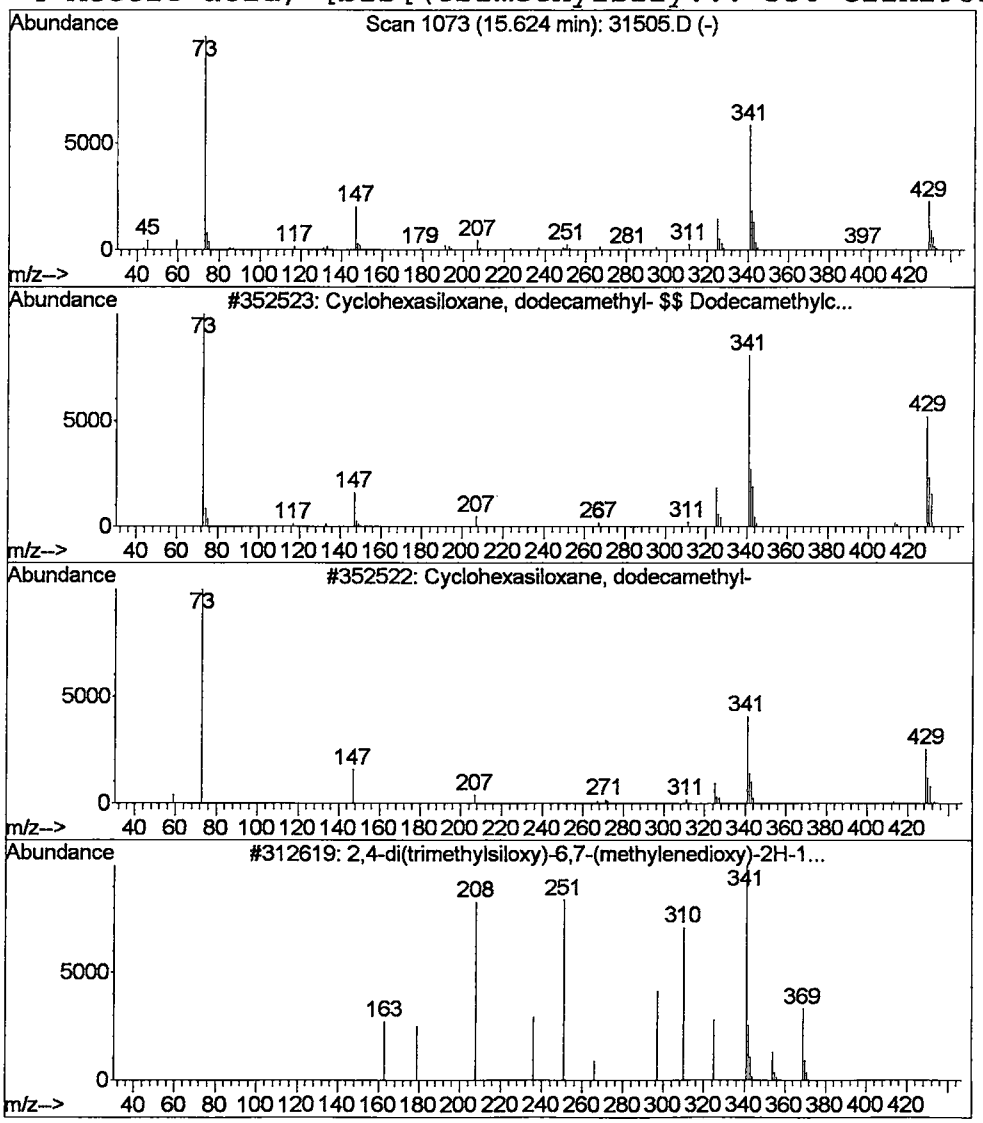
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

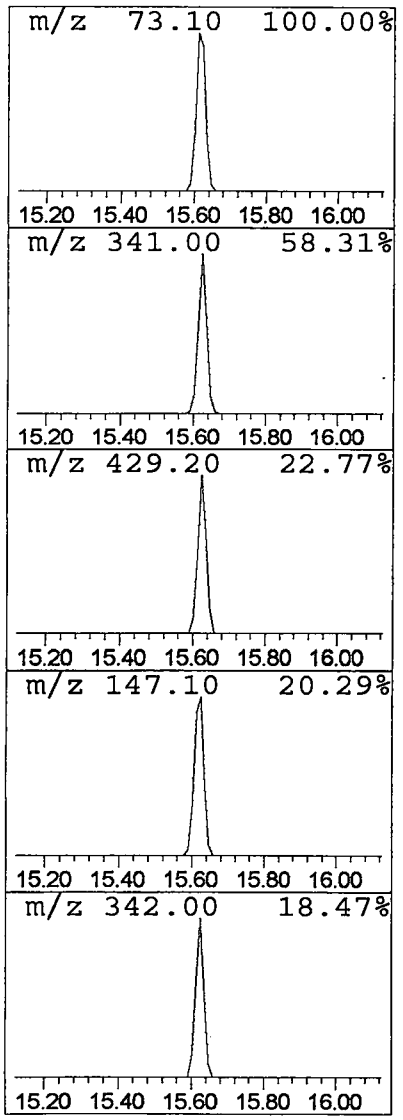
****

Peak Number 6 Cyclohexasiloxane, dodecame... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	0.87 ug/L	510590	Naphthalene-d8	13.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexasiloxane, dodecamethyl-...	444	C12H36O6Si6	000540-97-6	91
2	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	91
3	2,4-di(trimethylsiloxy)-6,7-(met...	369	C15H23NO6Si2	000000-00-0	64
4	Acetic acid, [bis[(trimethylsily...	356	C11H29O5PSi3	053044-27-2	40





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\31505.D Vial: 6
Acq On : 1 Feb 2002 6:53 pm Operator:
Sample : 508 scan fb Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

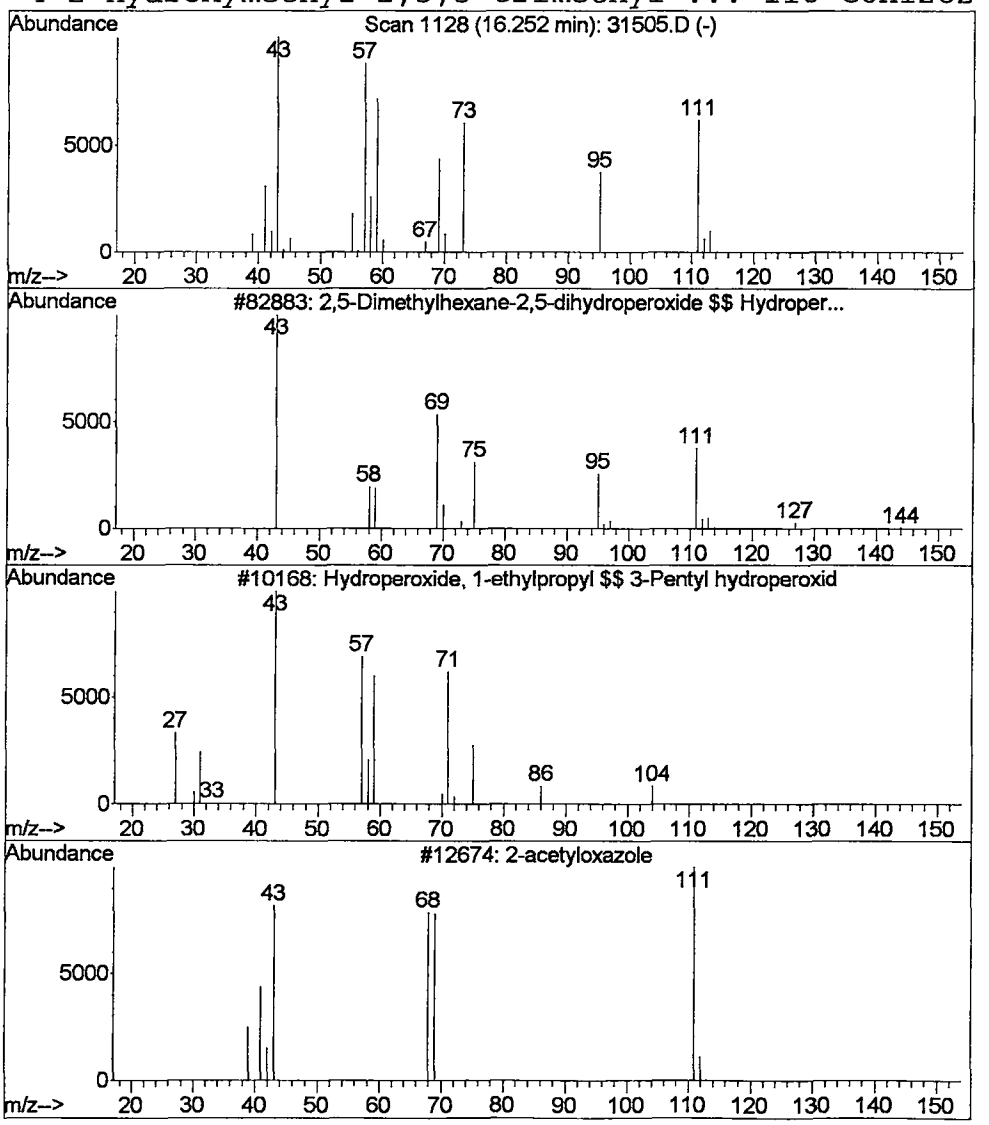
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

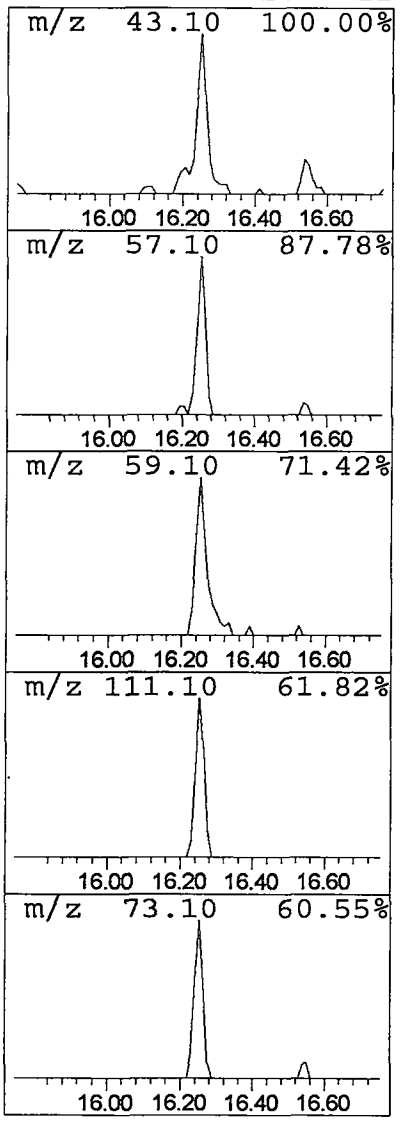
****

Peak Number 7 2,5-Dimethylhexane-2,5-dihy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.25	0.21 ug/L	137687	Acenaphthene-d10	18.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Dimethylhexane-2,5-dihydrope...	178	C8H18O4	003025-88-5	38
2	Hydroperoxide, 1-ethylpropyl $$ ...	104	C5H12O2	024254-57-7	17
3	2-acetyloxazole	111	C5H5NO2	000000-00-0	14
4	2-hydroxymethyl-2,3,3-trimethyl-...	116	C6H12O2	110933-26-1	12





Library Search Compound Report

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Acq On : 1 Feb 2002 6:53 pm Operator:
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Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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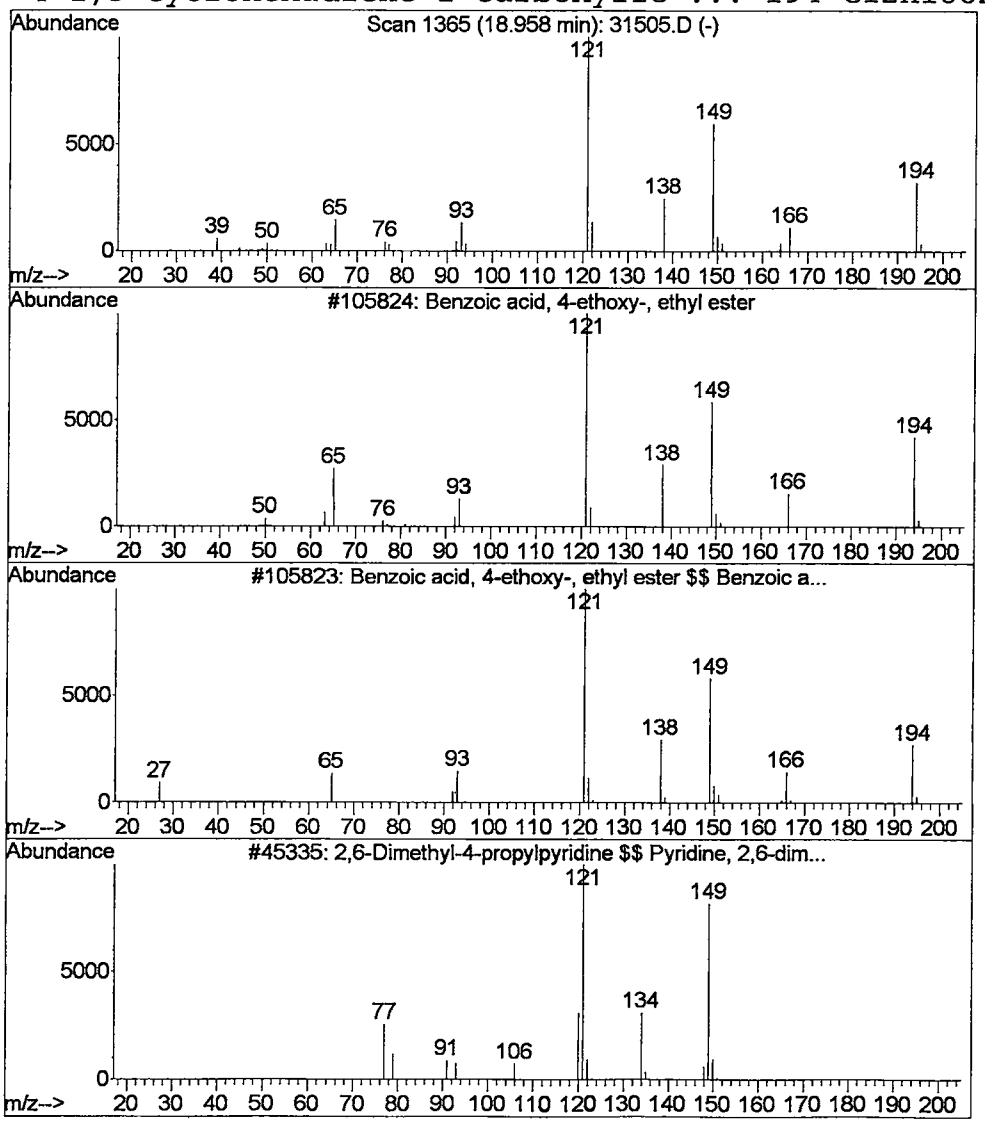
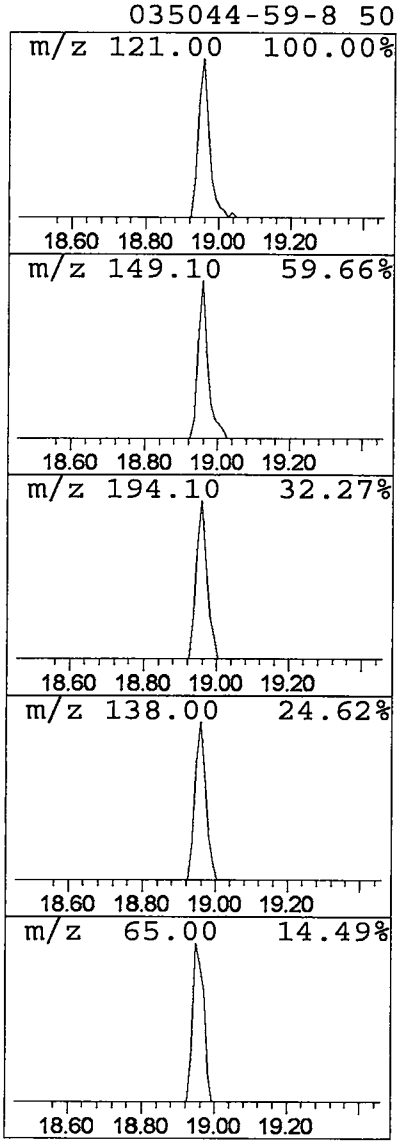
Peak Number 8 Benzoic acid, 4-ethoxy-, et... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	0.17 ug/L	115551	Acenaphthene-d10	18.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-ethoxy-, ethyl e...	194	C11H14O3	023676-09-7	91
2	Benzoic acid, 4-ethoxy-, ethyl e...	194	C11H14O3	023676-09-7	90
3	2,6-Dimethyl-4-propylpyridine $$...	149	C10H15N	065061-78-1	52
4	1,3-Cyclohexadiene-1-carboxylic ...	194	C12H18O2	035044-59-8	50





Library Search Compound Report

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Acq On : 1 Feb 2002 6:53 pm Operator:
Sample : 508 scan fb Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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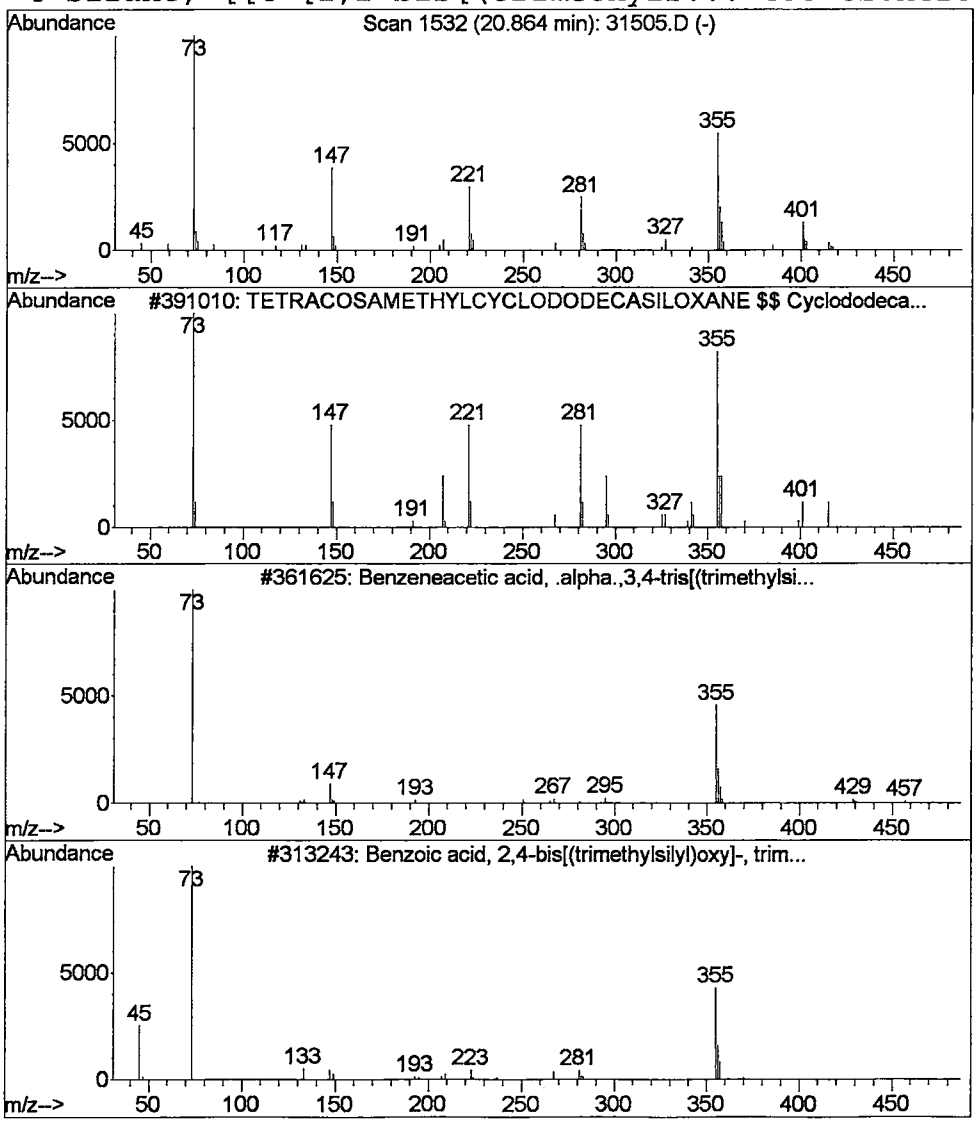
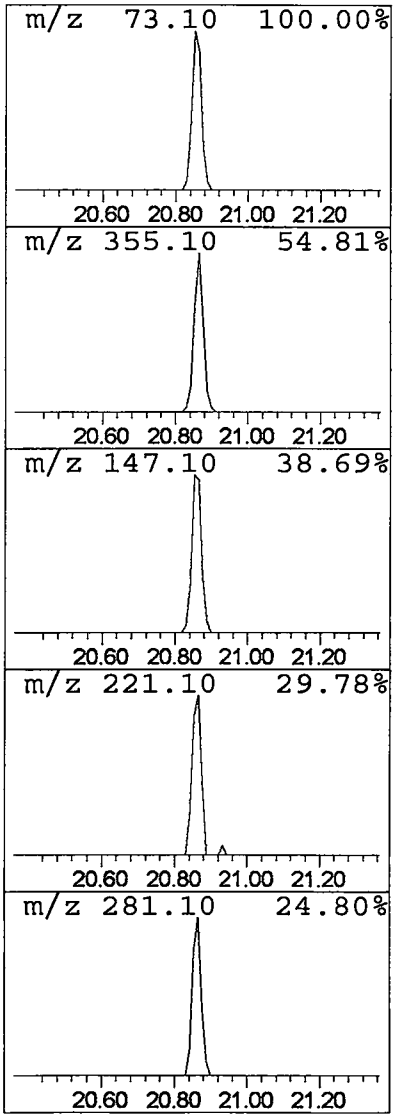
Peak Number 9 TETRACOSAMETHYLCYCLODODECAS... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	0.36 ug/L	248253	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	TETRACOSAMETHYLCYCLODODECASILOXA...	888	C24H72O12Si12	018919-94-3	64
2	Benzeneacetic acid, .alpha.,3,4-...	472	C20H40O5Si4	037148-65-5	35
3	Benzoic acid, 2,4-bis[(trimethyl...	370	C16H30O4Si3	010586-16-0	35
4	Silane, [[4-[1,2-bis[(trimethyls...	458	C20H42O4Si4	056114-62-6	35





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\31505.D Vial: 6
Acq On : 1 Feb 2002 6:53 pm Operator:
Sample : 508 scan fb Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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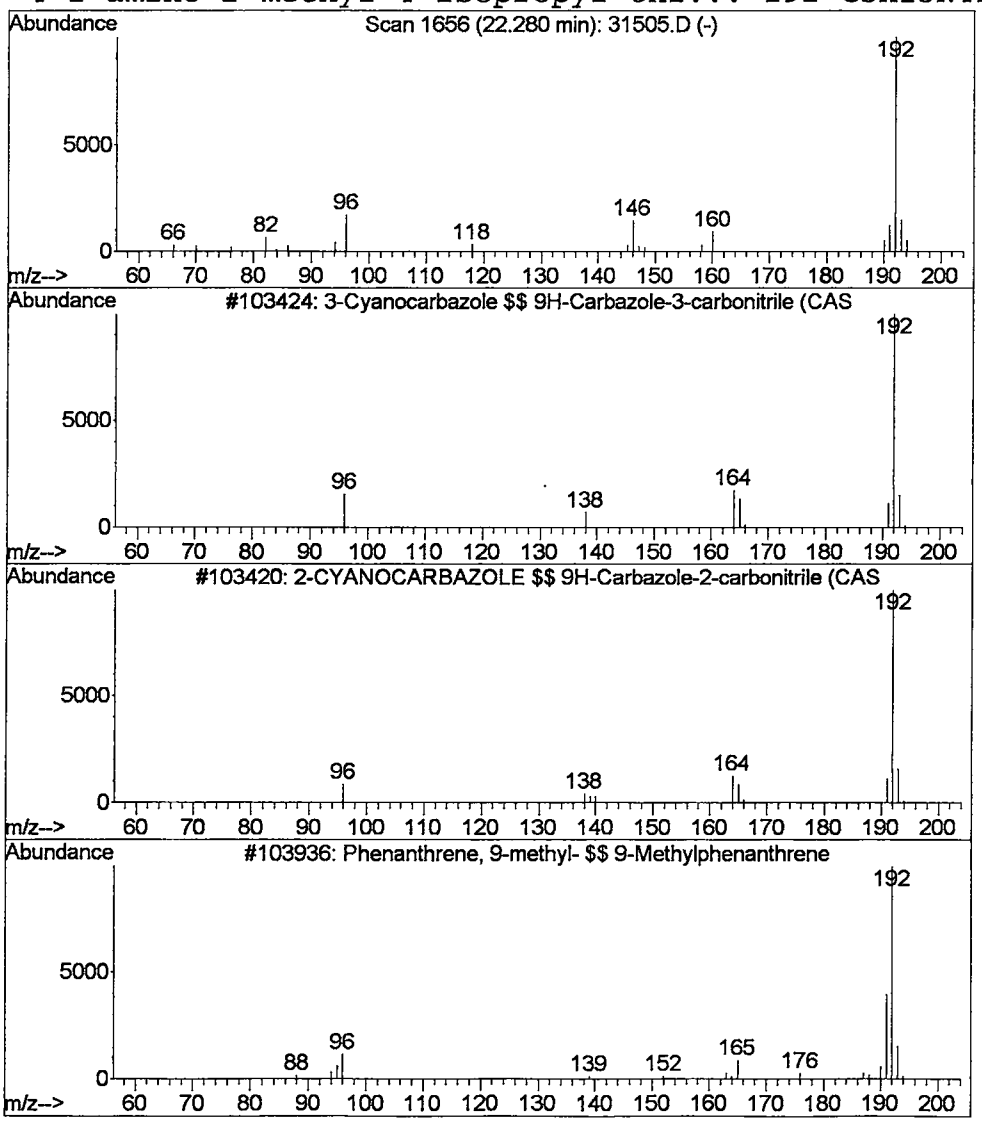
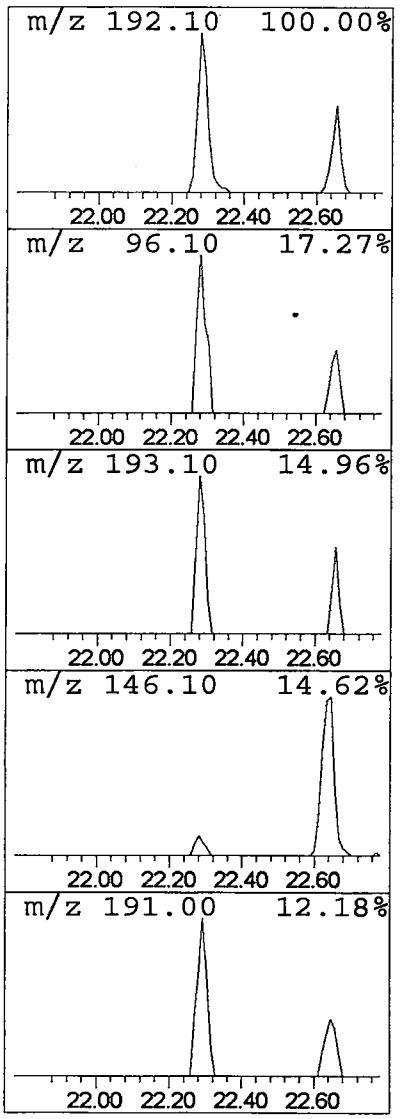
Peak Number 10 3-Cyanocarbazole $$ 9H-Carb... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.13 ug/L	87527	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyanocarbazole $$ 9H-Carbazole...	192	C13H8N2	057102-93-9	64
2	2-CYANOCARBAZOLE $$ 9H-Carbazole...	192	C13H8N2	057955-18-7	64
3	Phenanthrene, 9-methyl- $$ 9-Met...	192	C15H12	000883-20-5	59
4	1-amino-2-methyl-4-isopropyl-thi...	192	C5H13N4PS	107264-54-0	50





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\31505.D Vial: 6
Acq On : 1 Feb 2002 6:53 pm Operator:
Sample : 508 scan fb Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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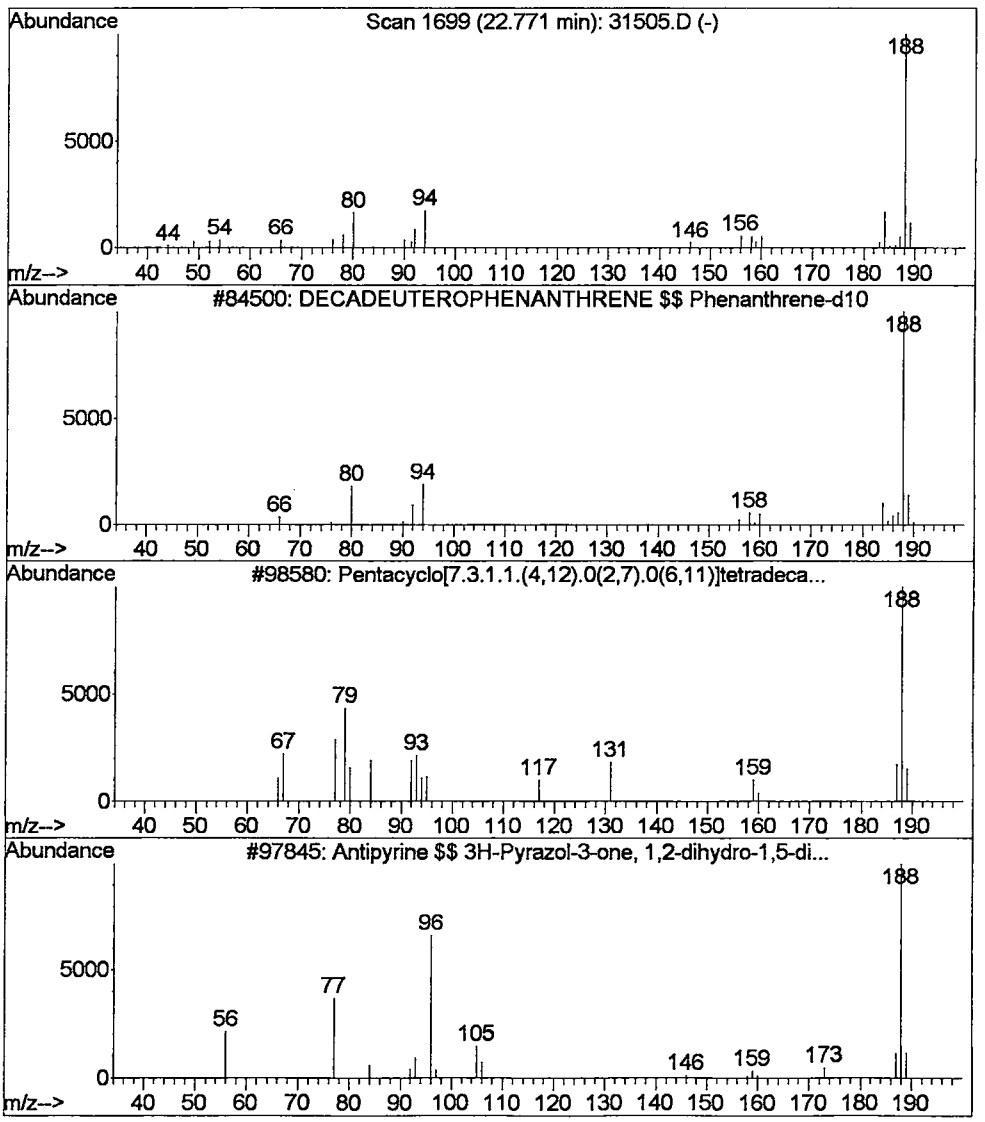
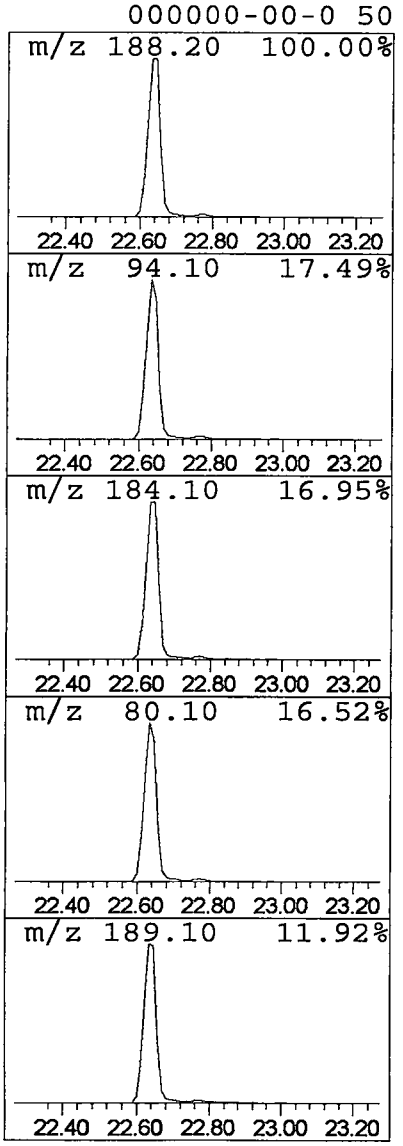
Peak Number 11 DECADEUTEROPHENANTHRENE $$ ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.42 ug/L	290243	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	86
2	Pentacyclo[7.3.1.1.(4,12).0(2,7)...	188	C14H20	000000-00-0	50
3	Antipyrine $$ 3H-Pyrazol-3-one, ...	188	C11H12N2O	000060-80-0	50
4	Acridine-D9	188	C13D9N	000000-00-0	50





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\31505.D Vial: 6
Acq On : 1 Feb 2002 6:53 pm Operator:
Sample : 508 scan fb Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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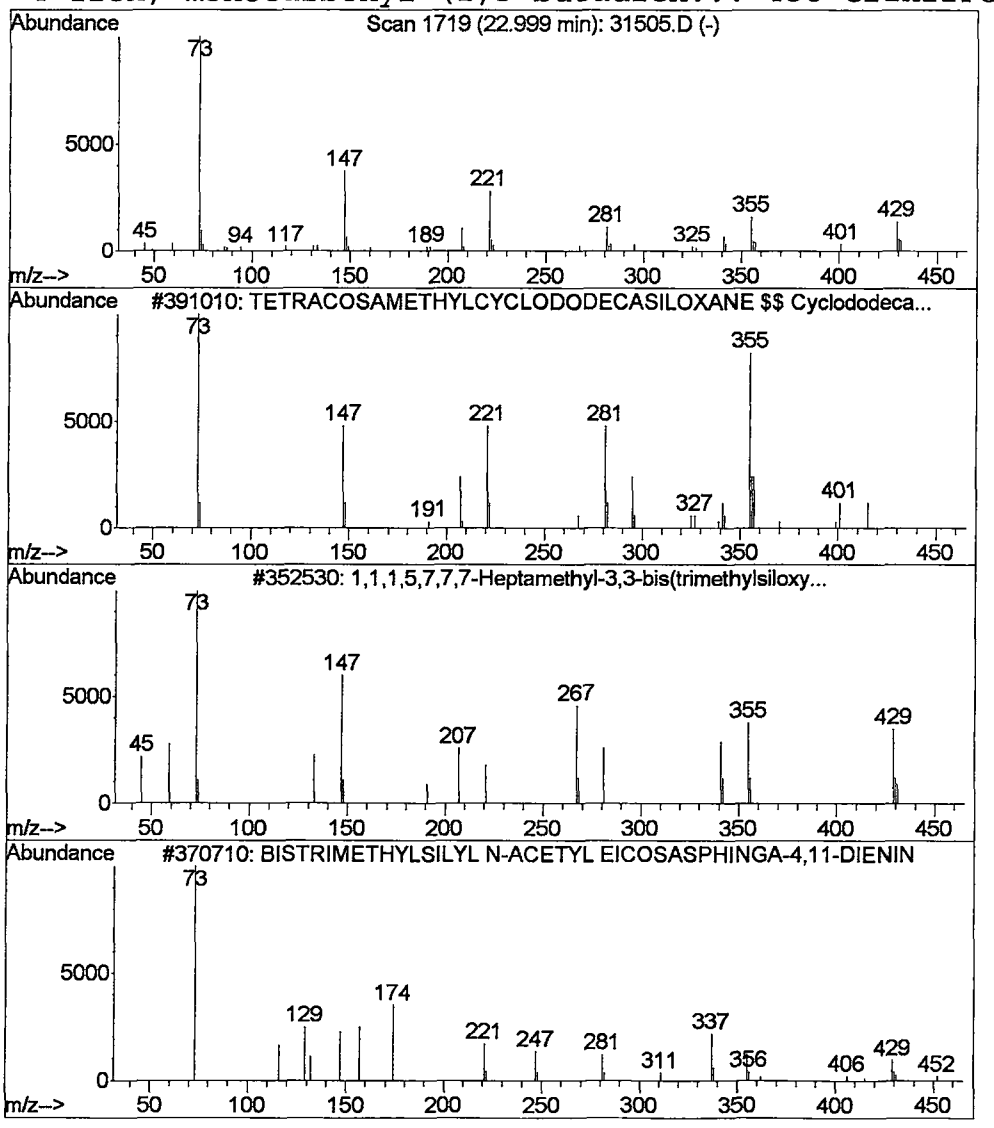
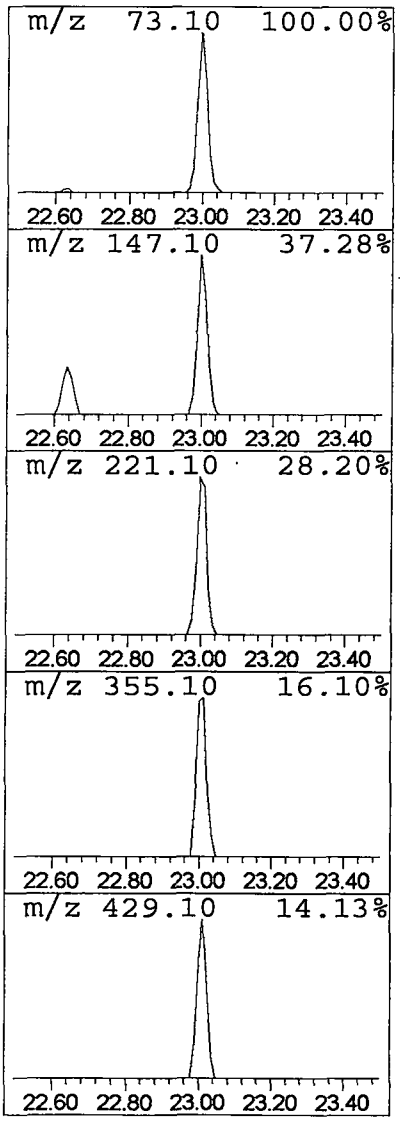
Peak Number 12 TETRACOSAMETHYLCYCLODODECAS... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.00	0.32 ug/L	217996	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	TETRACOSAMETHYLCYCLODODECASILOXA...	888	C24H72O12Si12	018919-94-3	53
2	1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	50
3	BISTRIMETHYLSILYL N-ACETYL EICOS...	511	C28H57NO3Si2	000000-00-0	50
4	Iron, monocarbonyl-(1,3-butadien...	438	C21H22FeN2O5	109007-87-6	45





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\31505.D Vial: 6
Acq On : 1 Feb 2002 6:53 pm Operator:
Sample : 508 scan fb Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

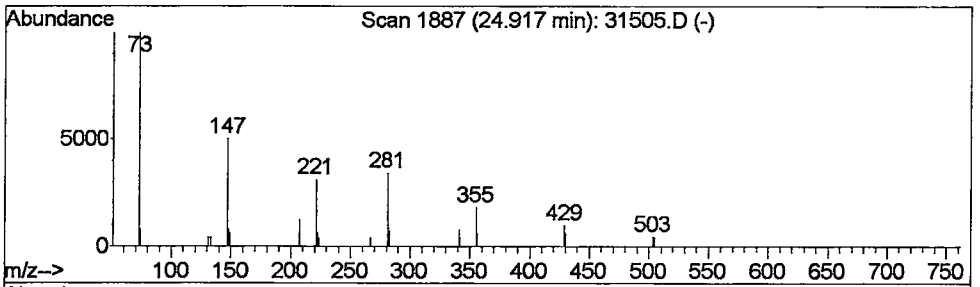
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

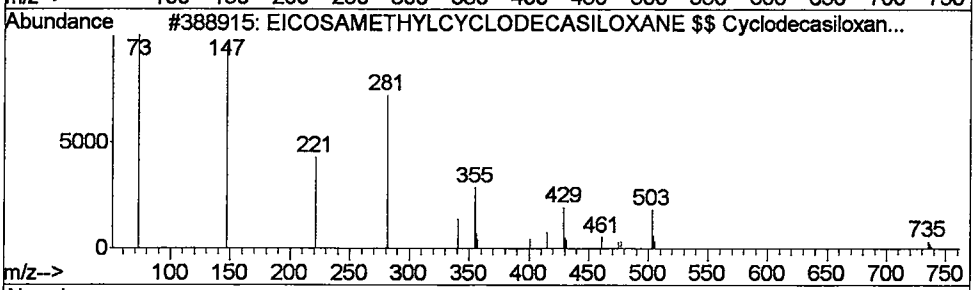
****

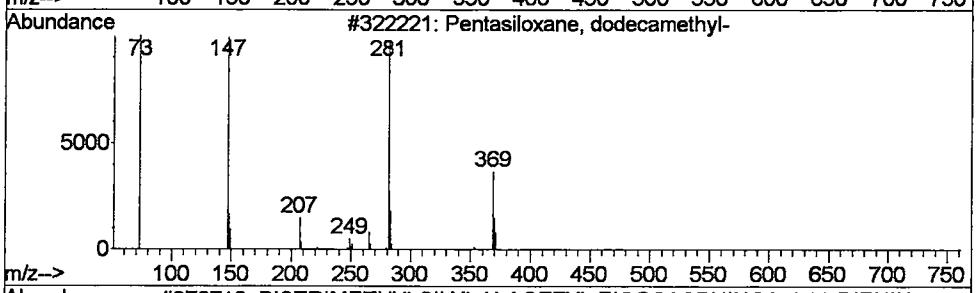
Peak Number 13 EICOSAMETHYLCYCLODECASILOXA... Concentration Rank 10

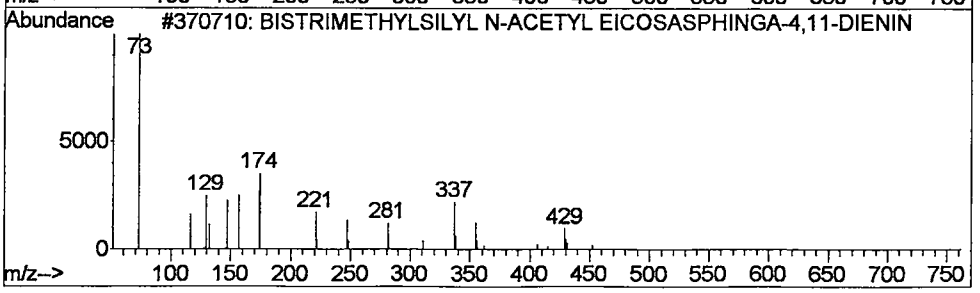
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.92	0.20 ug/L	136780	Phenanthrene-d10	22.65

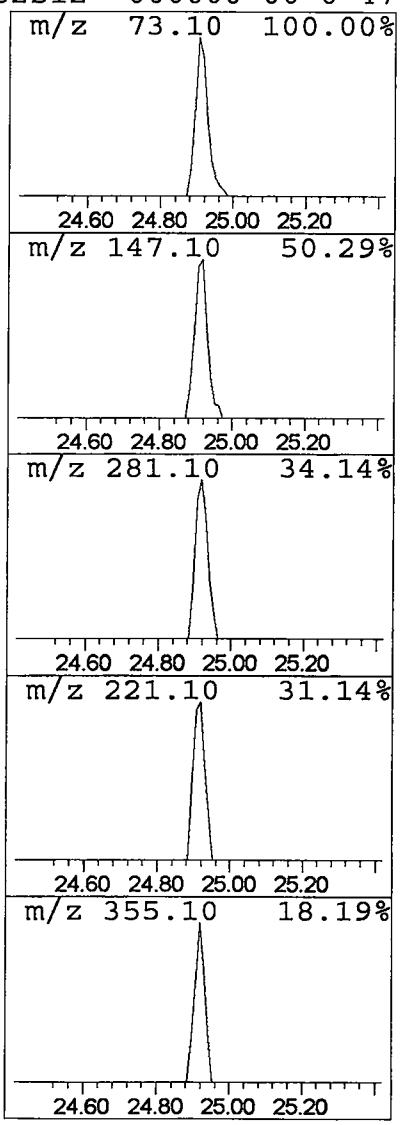
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	EICOSAMETHYLCYCLODECASILOXANE $$...	740	C20H60O10Si10	018772-36-6	56
2	Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	47
3	BISTRIMETHYLSILYL N-ACETYL EICOS...	511	C28H57NO3Si2	000000-00-0	47
4	OXID DTT 1TBDMS 1TMS	338	C13H30O2S2Si2	000000-00-0	47











Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 1 Feb 2002 6:53 pm
Data File: C:\MSDCHEM\1\5973N\02FEB01\31505.D
Name: 508 scan fb
Misc: February 1, 2002
Method: C:\MSDCHEM\1\METHODS\METHODS\SCAN508.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
Acetic acid, 3-[1...	5.92	0.5	ug/L	189538	1	9.72	8243850	20.0
2-Propanol, 1-(2-...	9.55	0.2	ug/L	84804	1	9.72	8243850	20.0
2-Propanol, 1-(2-...	9.64	0.2	ug/L	70508	1	9.72	8243850	20.0
2-Propanol, 1-(2-...	9.84	0.5	ug/L	191530	1	9.72	8243850	20.0
Cyclopentasiloxan...	12.54	0.5	ug/L	287462	2	13.19	11745200	20.0
Cyclohexasiloxane...	15.62	0.9	ug/L	510590	2	13.19	11745200	20.0
2,5-Dimethylhexan...	16.25	0.2	ug/L	137687	3	18.34	13306600	20.0
Benzoic acid, 4-e...	18.96	0.2	ug/L	115551	3	18.34	13306600	20.0
TETRACOSAMETHYLCY...	20.86	0.4	ug/L	248253	4	22.65	13839800	20.0
3-Cyanocarbazole ...	22.28	0.1	ug/L	87527	4	22.65	13839800	20.0
DECADEUTEROPHENAN...	22.77	0.4	ug/L	290243	4	22.65	13839800	20.0
TETRACOSAMETHYLCY...	23.00	0.3	ug/L	217996	4	22.65	13839800	20.0
EICOSAMETHYLCYCLO...	24.92	0.2	ug/L	136780	4	22.65	13839800	20.0