User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 01/10/2002 Time: 11:02:52

Sample: AE00275
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/10/02 10:53 Ended: 1/10/02 10:53 Analyst: WB
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		< MDL		
2	Surr_2,4-DDD		108		5.0

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02JAN08\00275.D Vial: 1
Acq On : 8 Jan 2002 3:24 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 8, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 09 12:49:41 2002 Quant Results File: SCAN508.RES

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Wed Jan 09 12:49:14 2002
Response via : Initial Calibration
DataAcq Meth : SCAN508

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.71	152	1077067	20.00	ug/L	0.00
10) Naphthalene-d8	13.19	136	4575215	20.00	ug/L	-0.02
17) Acenaphthene-d10	18.34	164	2366176	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.63	188	3972606	20.00	ug/L	-0.03
38) Chrysene-d12	30.49	240	3729299	20.00	ug/L	-0.02
44) Perylene-d12	34.42	264	2770365	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD	27.73	235	338597	5.39	ug/L	0.00
Spiked Amount 5.000			Recovery = 107.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethylamine	3.60	74	11470	0.25	ug/L #	10
3) bis (2-Chloroethyl) ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
5) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
6) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
7) 2,2'-oxybis (1-Chloropropa	0.00	45	0	N.D.		
8) N-nitroso-di-n-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	0.00	77	0	N.D.		
12) Isophorone	0.00	82	0	N.D.		
13) bis (2-Chloroethoxy) metha	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	0.00	128	0	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	0.00	162	0	N.D.		
20) Dimethylphthalate	18.34	163	387820	2.48	ug/L #	55
21) 2,6-Dinitrotoluene	18.34	165	297386	9.76	ug/L #	17
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Diethylphthalate	0.00	149	0	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
28) Azobenzene	0.00	77	0	N.D.		
30) N-nitrosodiphenylamine	0.00	169	0	N.D.		
31) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		
32) Hexachlorobenzene	0.00	284	0	N.D.		
33) Phenanthrene	0.00	178	0	N.D.		
34) Anthracene	0.00	178	0	N.D.		

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

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Acq On : 8 Jan 2002 3:24 pm Operator:
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MS Integration Params: SPLIT.P
Quant Time: Jan 09 12:49:41 2002 Quant Results File: SCAN508.RES

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Wed Jan 09 12:49:14 2002
Response via : Initial Calibration
DataAcq Meth : SCAN508

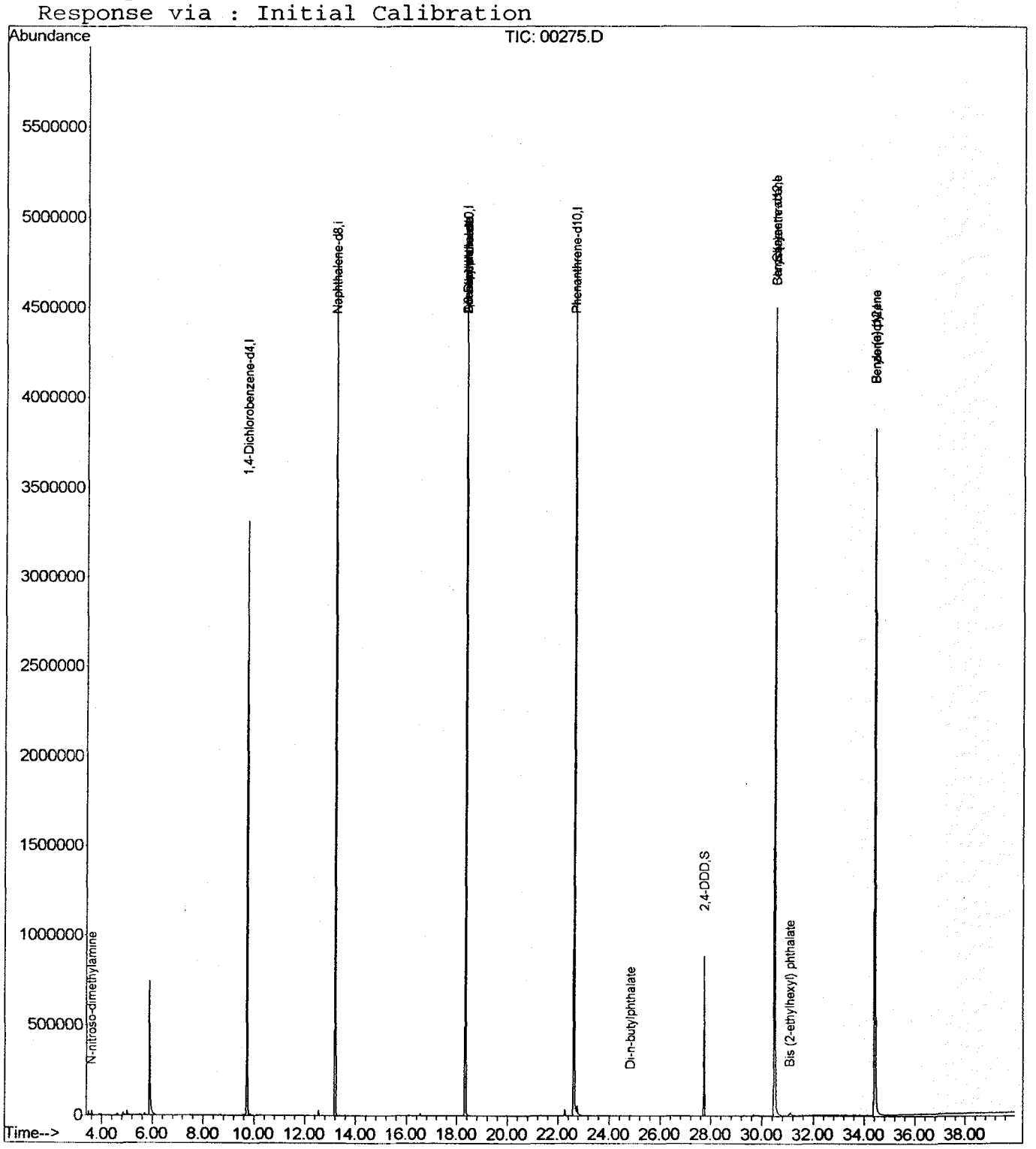
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35) Di-n-butylphthalate	24.85	149	8440	0.03 ug/L	94
36) Fluoranthene	0.00	202	0	N.D.	
39) Pyrene	0.00	202	0	N.D.	
40) Butylbenzylphthalate	0.00	149	0	N.D.	
41) Benzo(a)anthracene	30.50	228	9506	0.04 ug/L #	64
42) Bis (2-ethylhexyl) phthala	31.11	149	15892	0.63 ug/L	98
43) Chrysene	30.50	228	9506	0.04 ug/L #	60
45) Di-n-octylphthalate	0.00	149	0	N.D.	
46) Benzo (b) fluoranthene	0.00	252	0	N.D.	
47) Benzo (k) fluoranthene	0.00	252	0	N.D.	
48) Benzo (a) pyrene	34.42	252	9935	0.06 ug/L #	1
49) Indeno (1,2,3-cd) pyrene	0.00	276	0	N.D.	
50) Dibenz (a,h) anthracene	0.00	278	0	N.D.	
51) Benzo (g,h,i) perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration
00275.D SCAN508.M Wed Jan 09 12:49:42 2002 Page 2

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02JAN08\00275.D Vial: 1
Acq On : 8 Jan 2002 3:24 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 8, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 9 12:49 2002 Quant Results File: SCAN508.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Wed Jan 09 12:49:14 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\5973N\02JAN08\00275.D Vial: 1
Acq On : 8 Jan 2002 3:24 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 8, 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

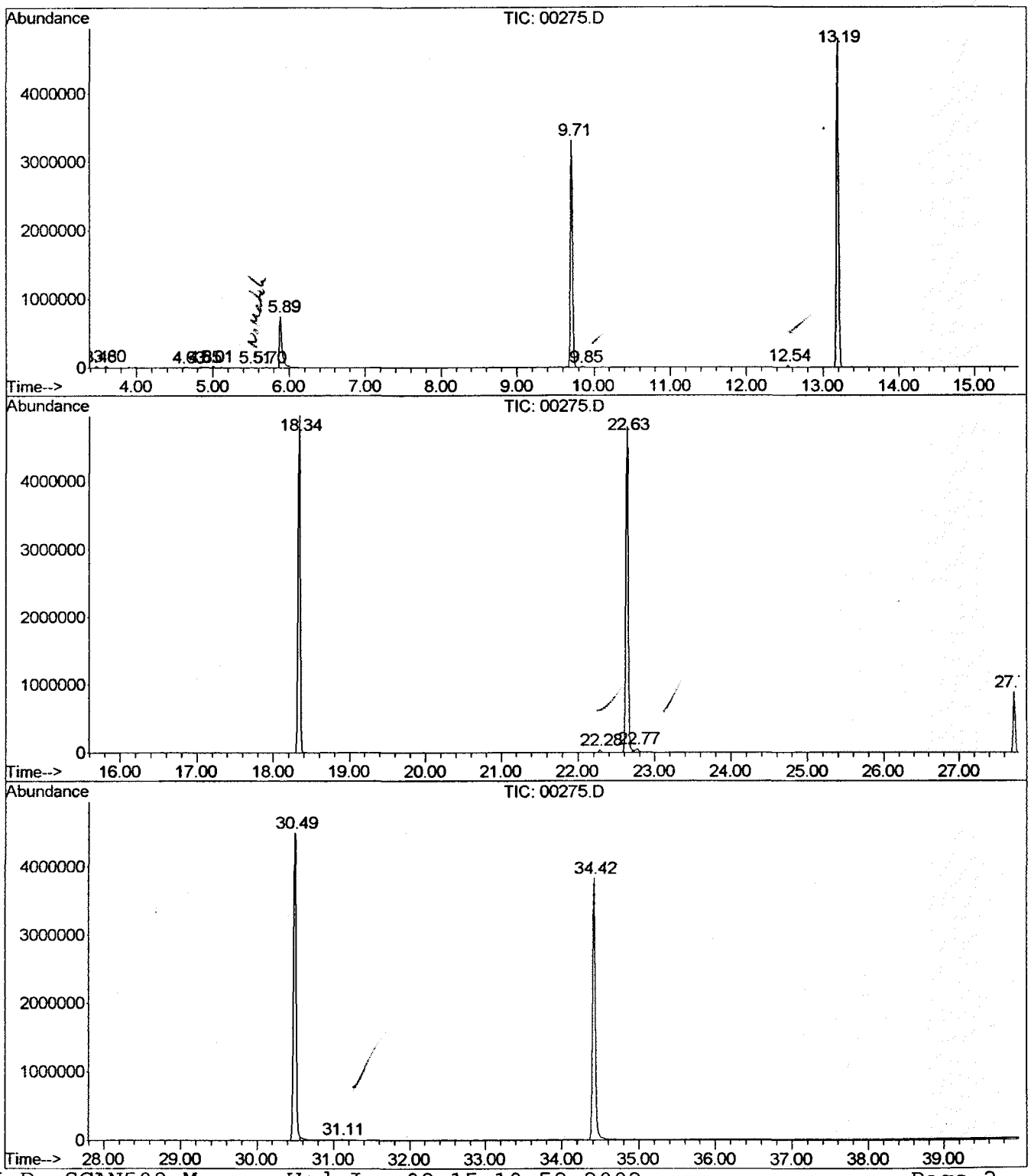
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.477	7	9	13	rBV	24678	36441	0.33%	0.061%
2	3.602	15	20	25	rBV	27051	45023	0.41%	0.076%
3	4.630	107	110	117	rVB	11402	28262	0.26%	0.048%
4	4.847	123	129	135	rBV4	17226	52649	0.48%	0.089%
5	5.006	139	143	149	rVB	26794	53753	0.49%	0.090%
6	5.509	185	187	199	rVB	8803	25772	0.24%	0.043%
7	5.703	199	204	207	rBB2	12675	24216	0.22%	0.041%
8	5.886	217	220	233	rBV	747911	1773329	16.19%	2.982%
9	9.710	551	555	561	rVV	3317442	6144308	56.11%	10.331%
10	9.847	561	567	573	rVV	11646	33830	0.31%	0.057%
11	12.542	799	803	807	rVB	32252	50315	0.46%	0.085%
12	13.192	855	860	865	rBV	4808159	8773216	80.11%	14.752%
13	18.341	1305	1311	1315	rBV	4961664	9623138	87.88%	16.181%
14	22.280	1651	1656	1661	rVB	36147	66968	0.61%	0.113%
15	22.634	1681	1687	1693	rBV2	4799592	10484726	95.74%	17.629%
16	22.771	1695	1699	1719	rVB	57667	186927	1.71%	0.314%
17	27.726	2129	2133	2139	rVV	887783	1582427	14.45%	2.661%
18	30.489	2369	2375	2381	rBV2	4502006	10950868	100.00%	18.413%
19	31.105	2425	2429	2437	rVB2	16721	47872	0.44%	0.080%
20	34.416	2713	2719	2755	rVB	3823810	9489056	86.65%	15.955%

Sum of corrected areas: 59473096

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02JAN08\00275.D
Operator :
Acquired : 8 Jan 2002 3:24 pm using AcqMethod SCAN508
Instrument : Instrumen
Sample Name: 508scan
Misc Info : January 8, 2002
Vial Number: 1
Quant File :SCAN508.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN08\00275.D Vial: 1
Acq On : 8 Jan 2002 3:24 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 8, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

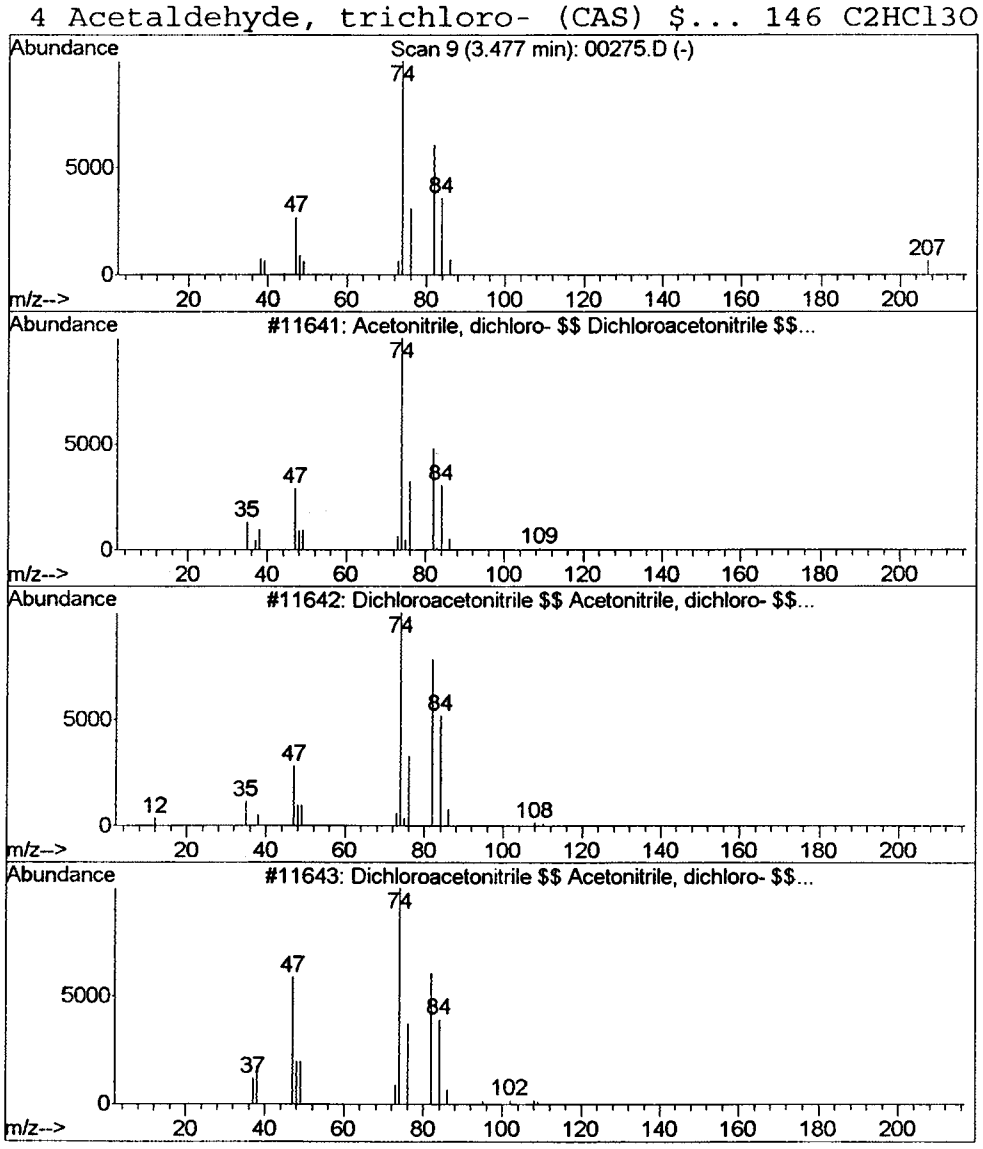
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

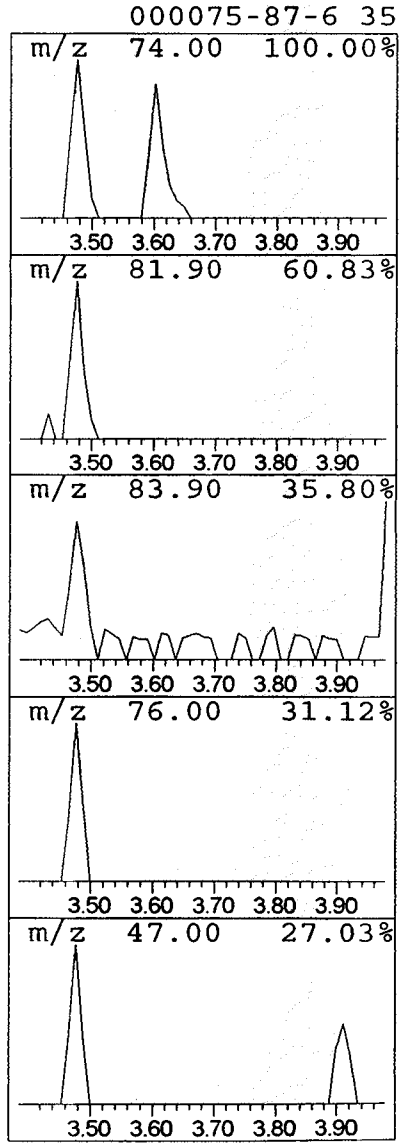
****

Peak Number 1 Acetonitrile, dichloro- $$ ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.48	0.12 ug/L	36441	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro- $$ Dichl...	109	C2HCl2N	003018-12-0	72
2	Dichloroacetonitrile $$ Acetonit...	109	C2HCl2N	003018-12-0	53
3	Dichloroacetonitrile $$ Acetonit...	109	C2HCl2N	003018-12-0	50
4	Acetaldehyde, trichloro- (CAS) $...	146	C2HCl3O	000075-87-6	35





Library Search Compound Report

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Acq On : 8 Jan 2002 3:24 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 8, 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 2 2-Pentyn-1-ol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	0.17 ug/L	52649	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentyn-1-ol	84	C5H8O	006261-22-9	12
2	Cyclobut-1-enylmethanol	84	C5H8O	000000-00-0	9
3	5-Hexenal oxime	113	C6H11NO	057606-82-3	9
4	1-Hexene, 6-bromo-	162	C6H11Br	002695-47-8	9

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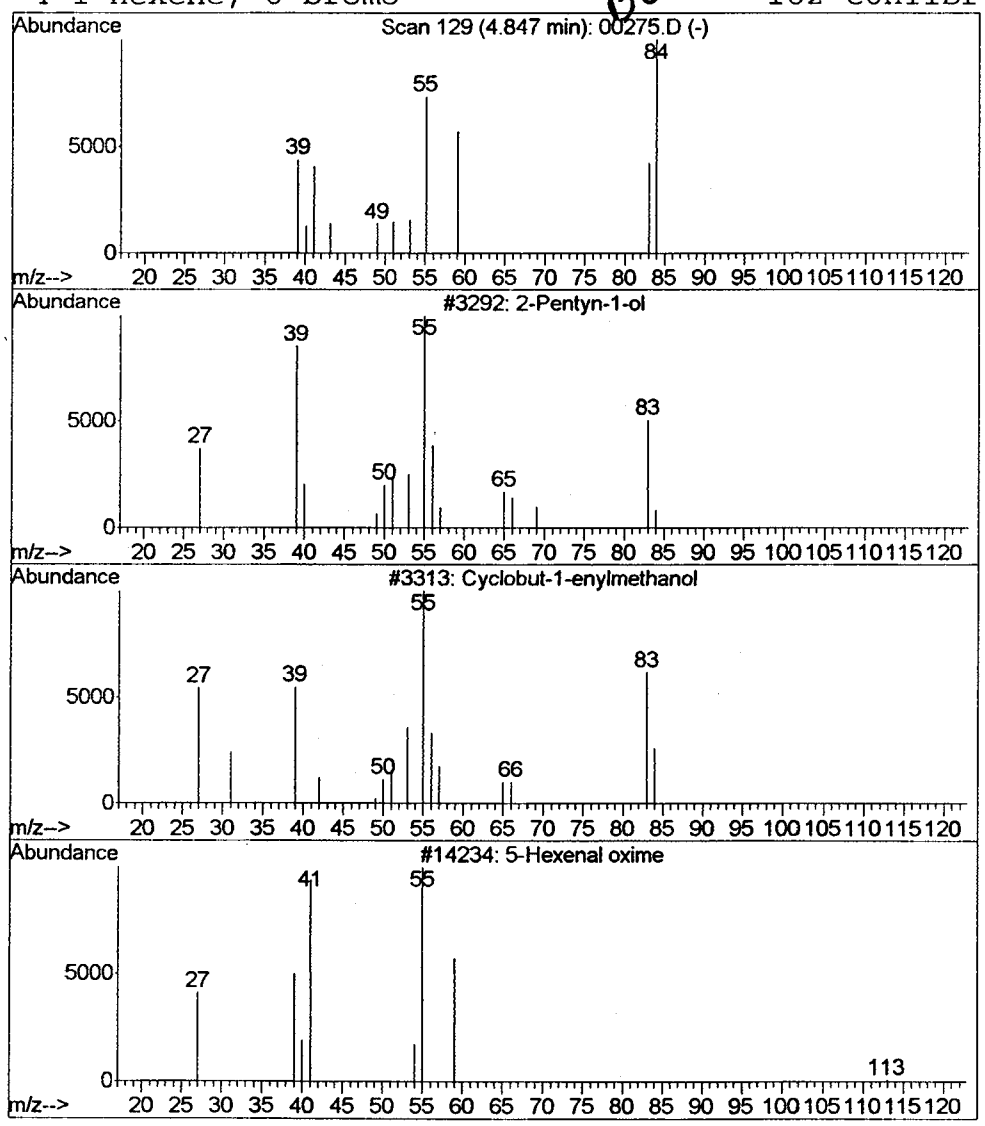

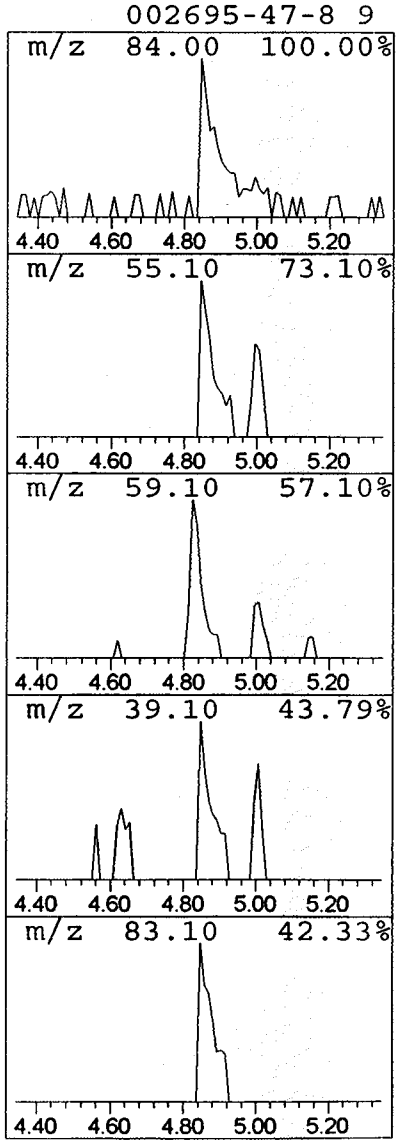

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Acq On : 8 Jan 2002 3:24 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 8, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

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

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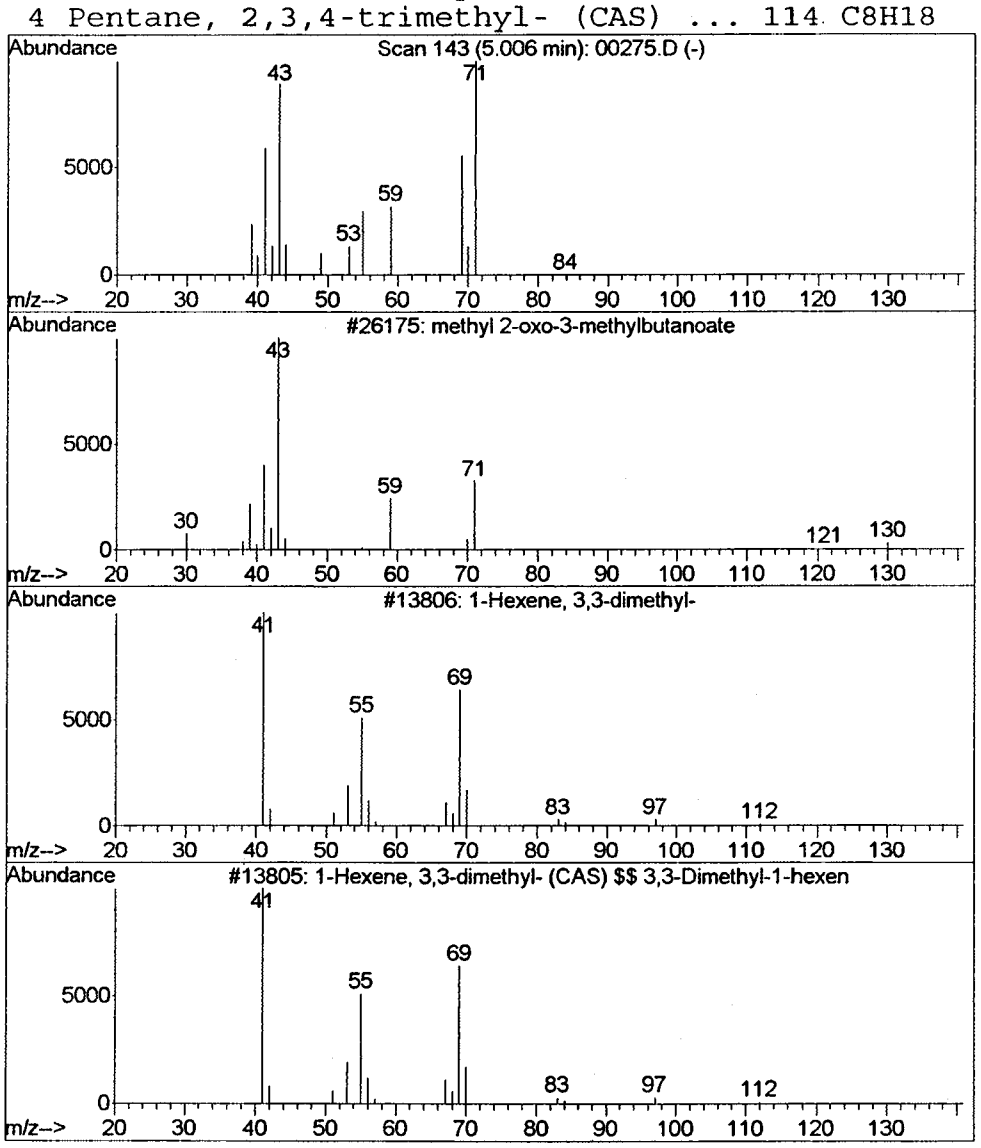
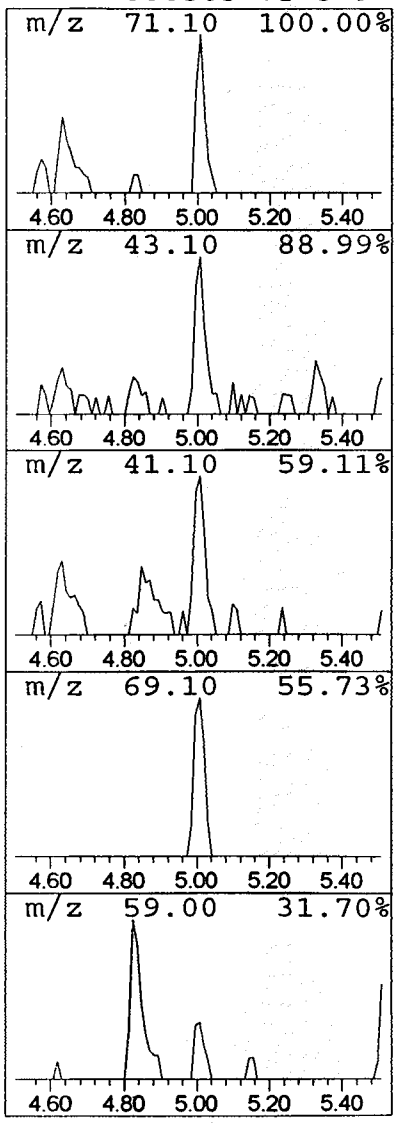
Peak Number 3 methyl 2-oxo-3-methylbutanoate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	0.17 ug/L	53753	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	methyl 2-oxo-3-methylbutanoate	130	C6H10O3	000000-00-0	9
2	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	9
3	1-Hexene, 3,3-dimethyl- (CAS) $$...	112	C8H16	003404-77-1	9
4	Pentane, 2,3,4-trimethyl- (CAS) ...	114	C8H18	000565-75-3	9





Library Search Compound Report

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Acq On : 8 Jan 2002 3:24 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 8, 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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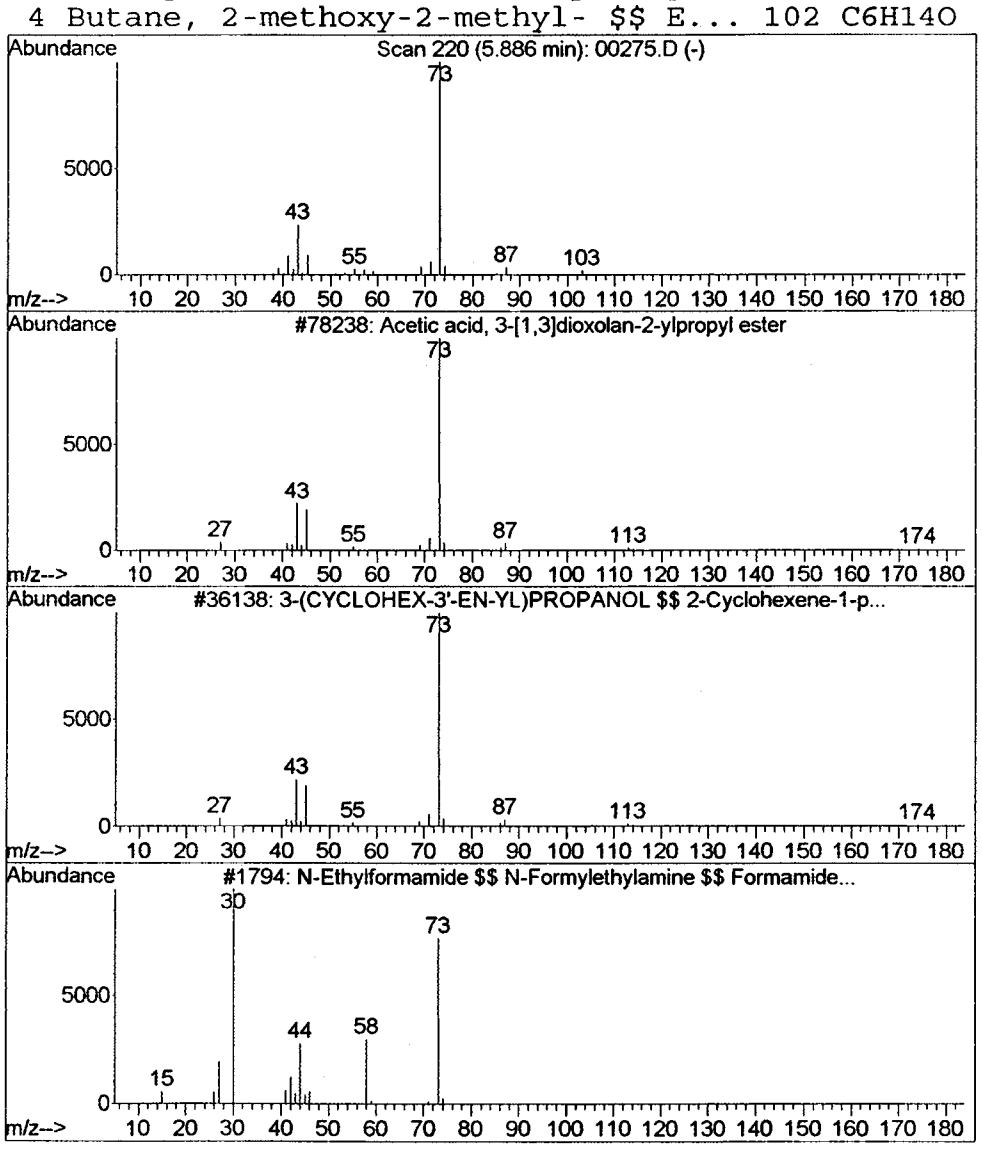
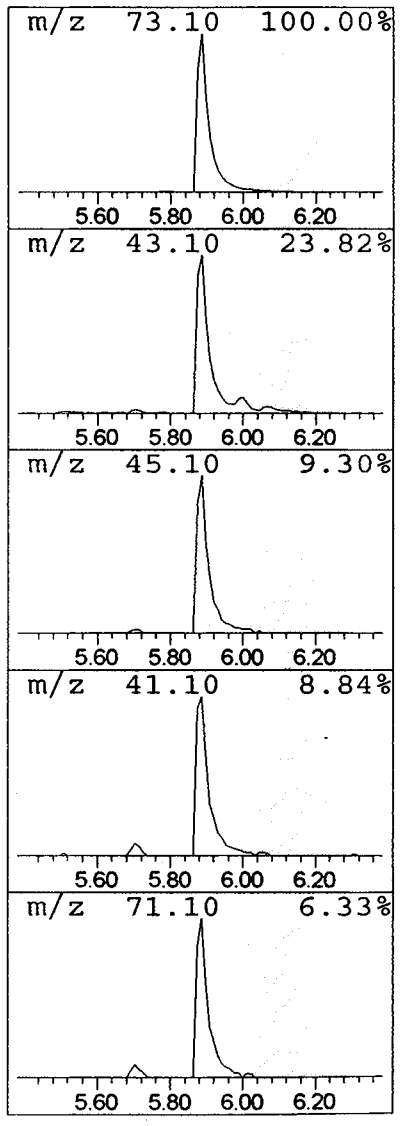
Peak Number 4 Acetic acid, 3-[1,3]dioxola... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.89	5.77 ug/L	1773330	1,4-Dichlorobenzene-d4	9.71

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 $$...	174	C8H14O4	015745-87-6	33
3	N-Ethylformamide $$ N-Formylethy...	73	C3H7NO	000627-45-2	9
4	Butane, 2-methoxy-2-methyl- $$ E...	102	C6H14O	000994-05-8	9





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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 Seen in Blank

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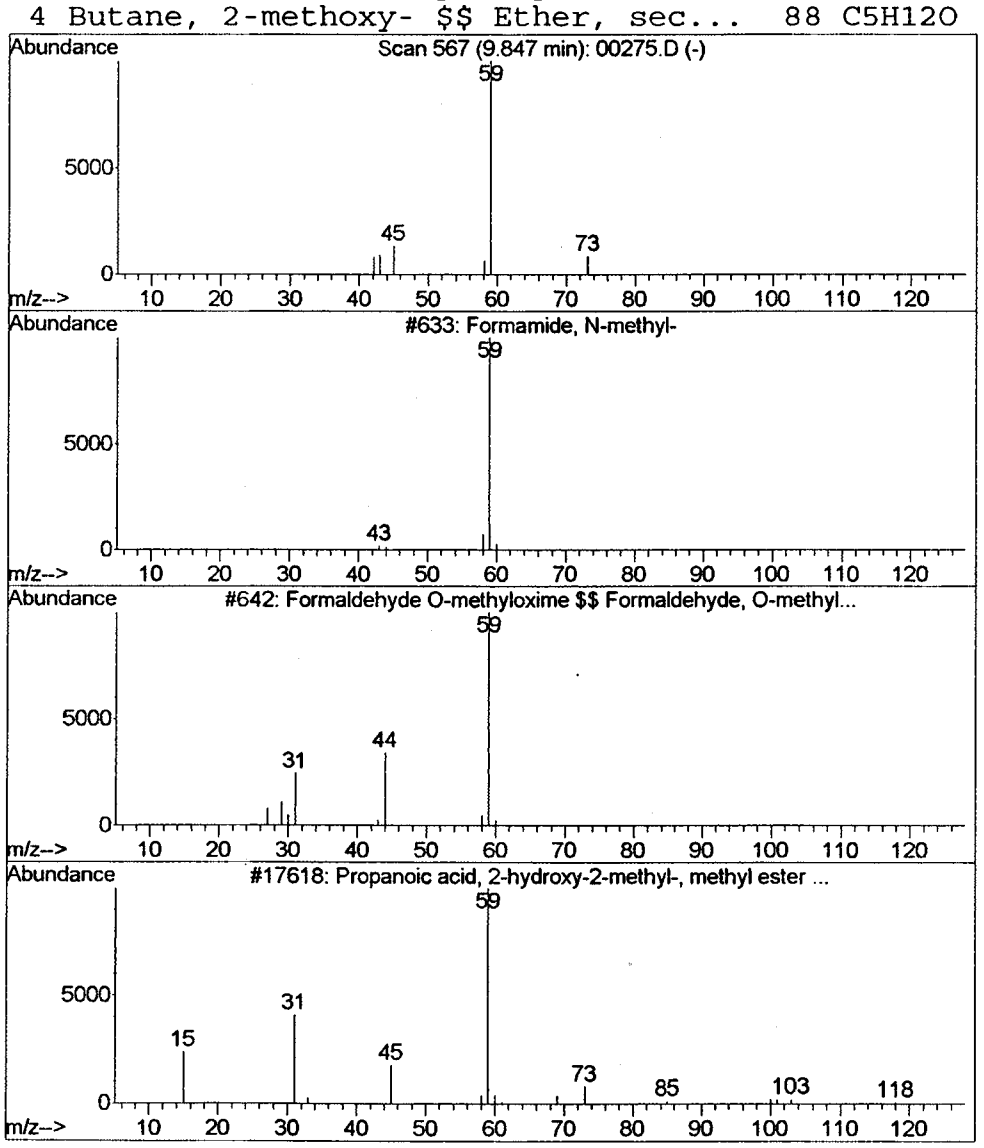
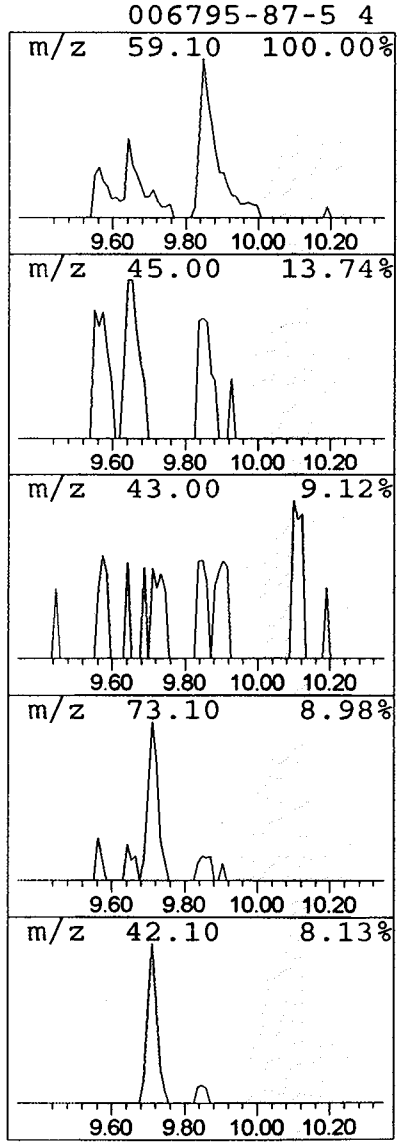
Peak Number 5 Formamide, N-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	0.11 ug/L	33830	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formamide, N-methyl-	59	C2H5NO	000123-39-7	4
2	Formaldehyde O-methyloxime $$ Fo...	59	C2H5NO	062479-73-6	4
3	Propanoic acid, 2-hydroxy-2-meth...	118	C5H10O3	002110-78-3	4
4	Butane, 2-methoxy- $$ Ether, sec...	88	C5H12O	006795-87-5	4





Library Search Compound Report

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

COL. BL.

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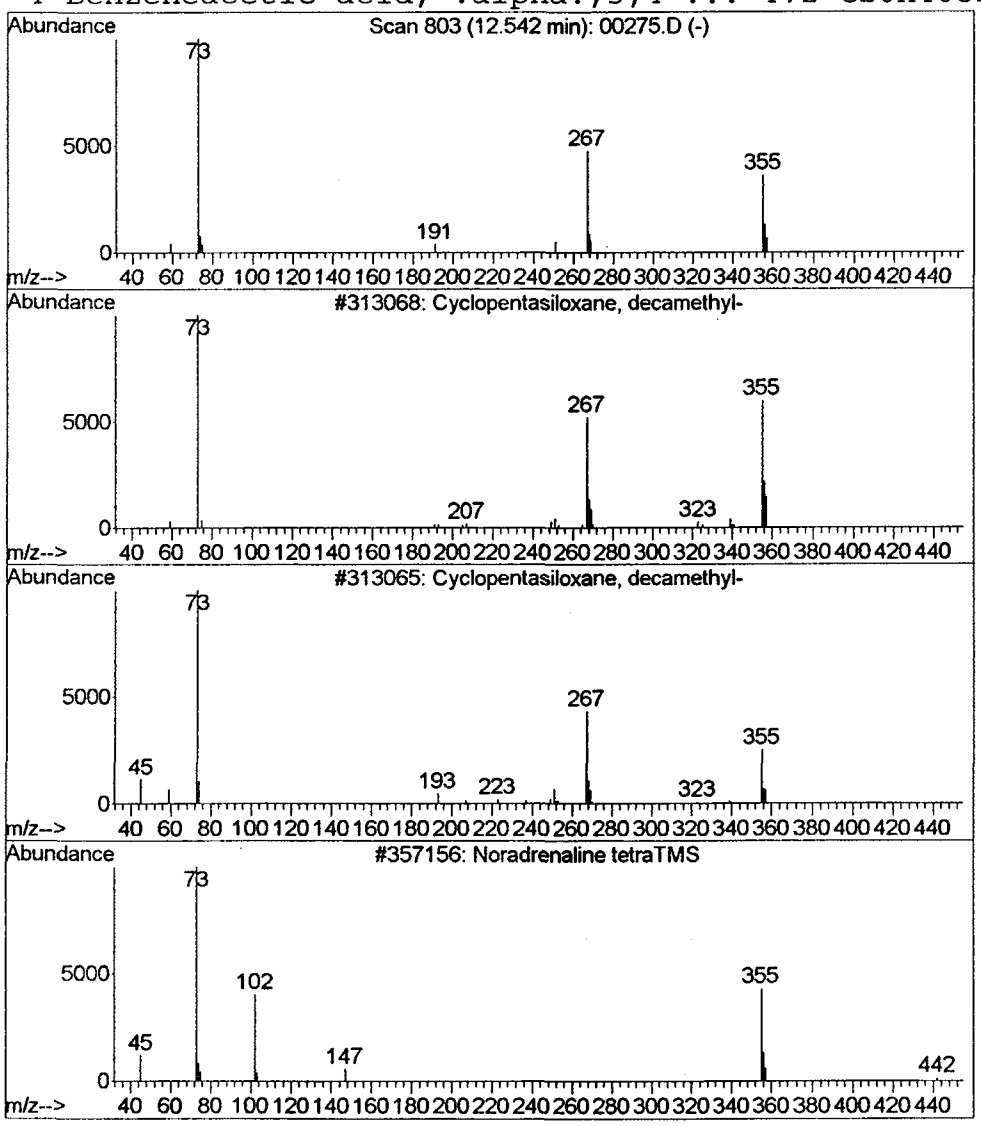
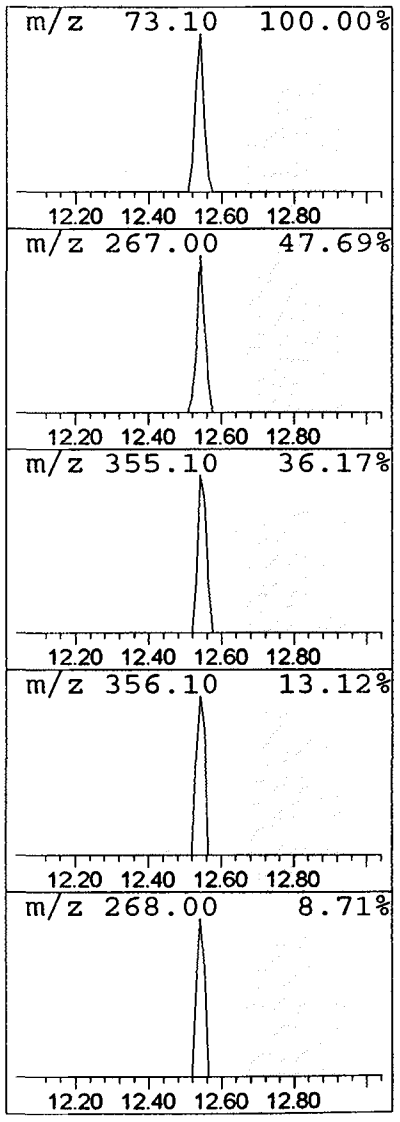
Peak Number 6 Cyclopentasiloxane, decamet... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	0.11 ug/L	50315	Naphthalene-d8	13.19

COL. BL.

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	42
3	Noradrenaline tetraTMS	457	C20H43NO3Si4	068595-65-3	38
4	Benzeneacetic acid, .alpha.,3,4-...	472	C20H40O5Si4	037148-65-5	25





Library Search Compound Report

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Acq On : 8 Jan 2002 3:24 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 8, 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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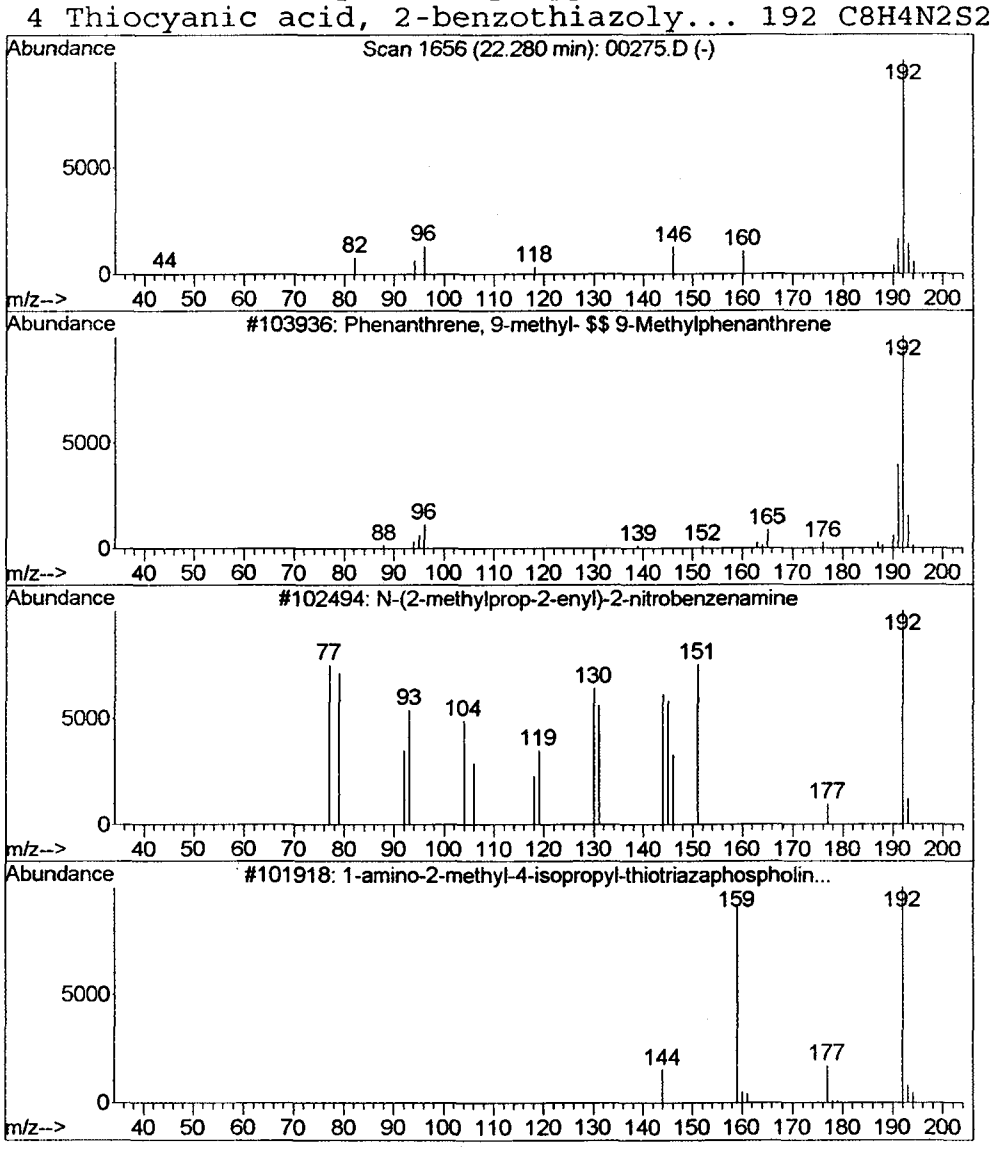
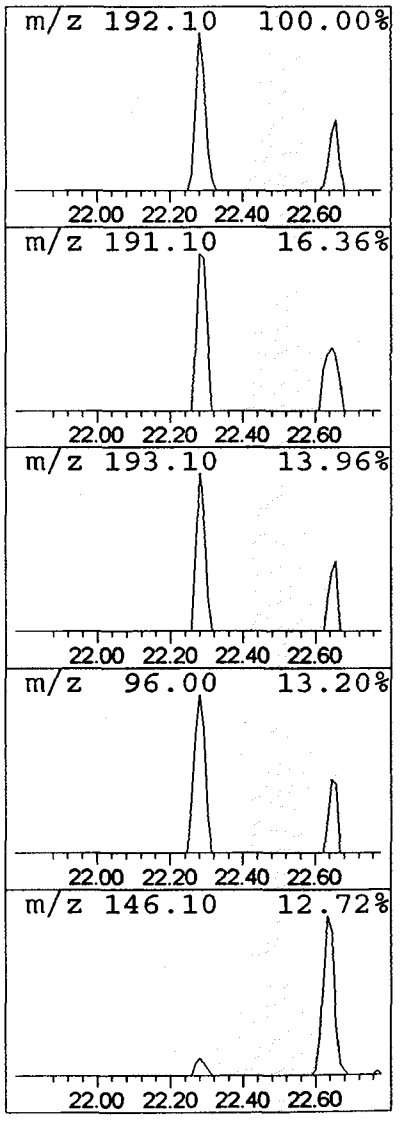
Peak Number 7 Phenanthrene, 9-methyl- $$ ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.13 ug/L	66968	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	N-(2-methylprop-2-enyl)-2-nitrob...	192	C10H12N2O2	000000-00-0	50
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\02JAN08\00275.D Vial: 1
Acq On : 8 Jan 2002 3:24 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 8, 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

SEEN IN BL.

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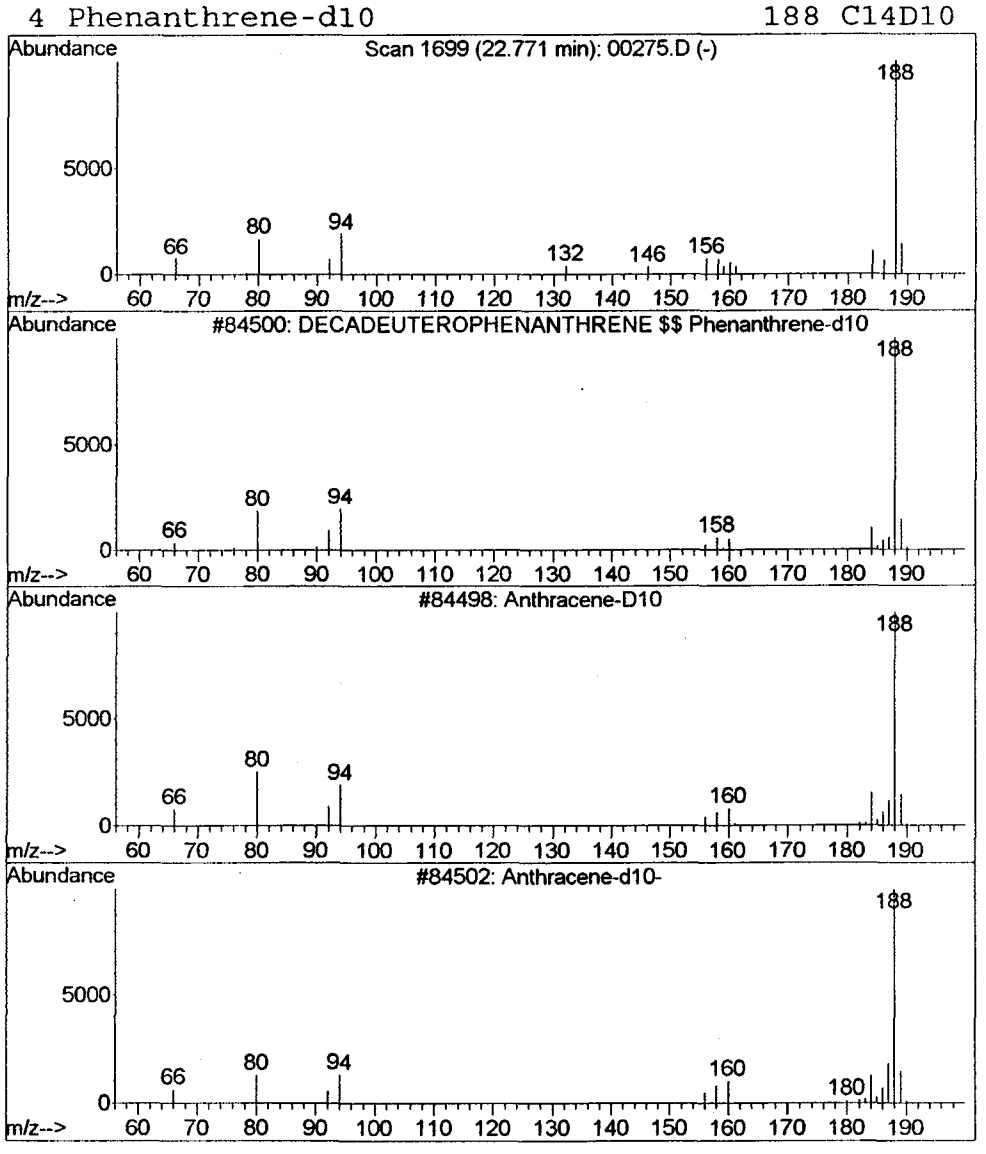
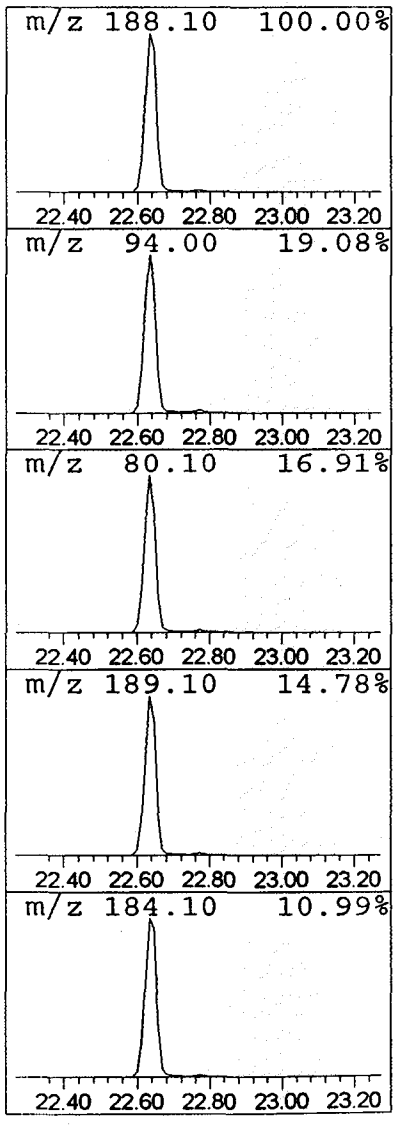
Peak Number 8 DECADEUTEROPHENANTHRENE $$ ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.36 ug/L	186927	Phenanthrene-d10	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	90
2	Anthracene-D10	188	C14D10	000000-00-0	90
3	Anthracene-d10-	188	C14D10	001719-06-8	74
4	Phenanthrene-d10	188	C14D10	001517-22-2	74





Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 8 Jan 2002 3:24 pm
Data File: C:\MSDCHEM\1\5973N\02JAN08\00275.D
Name: 508scan
Misc: January 8, 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
Acetonitrile, dic...	3.48	0.1	ug/L	36441	1	9.71	6144310	20.0
2-Pentyn-1-ol	4.85	0.2	ug/L	52649	1	9.71	6144310	20.0
methyl 2-oxo-3-me...	5.01	0.2	ug/L	53753	1	9.71	6144310	20.0
Acetic acid, 3-[1...	5.89	5.8	ug/L	1773330	1	9.71	6144310	20.0
Formamide, N-methyl-	9.85	0.1	ug/L	33830	1	9.71	6144310	20.0
Cyclopentasiloxan...	12.54	0.1	ug/L	50315	2	13.19	8773220	20.0
Phenanthrene, 9-m...	22.28	0.1	ug/L	66968	4	22.63	10484700	20.0
DECADEUTEROPHENAN...	22.77	0.4	ug/L	186927	4	22.63	10484700	20.0

Comments for Sample AE00275 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-10-2002 Time: 17:27:37

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 12 of the 43 compounds in the LCS Standard were above their acceptance ranges.