User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 10:34:36

Sample: AE09153
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/8/02 10:34 Ended: 5/8/02 10:34 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		71		10.0

Comments for Sample AE09153 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-08-2002 Time: 10:35:01

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Data File : C:\MSDCHEM\1\DATA\020424\09153.D Vial: 22
Acq On : 25 Apr 2002 6:29 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 26 14:01:42 2002 Quant Results File: SCAN020424.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Wed Apr 24 08:54:34 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN1

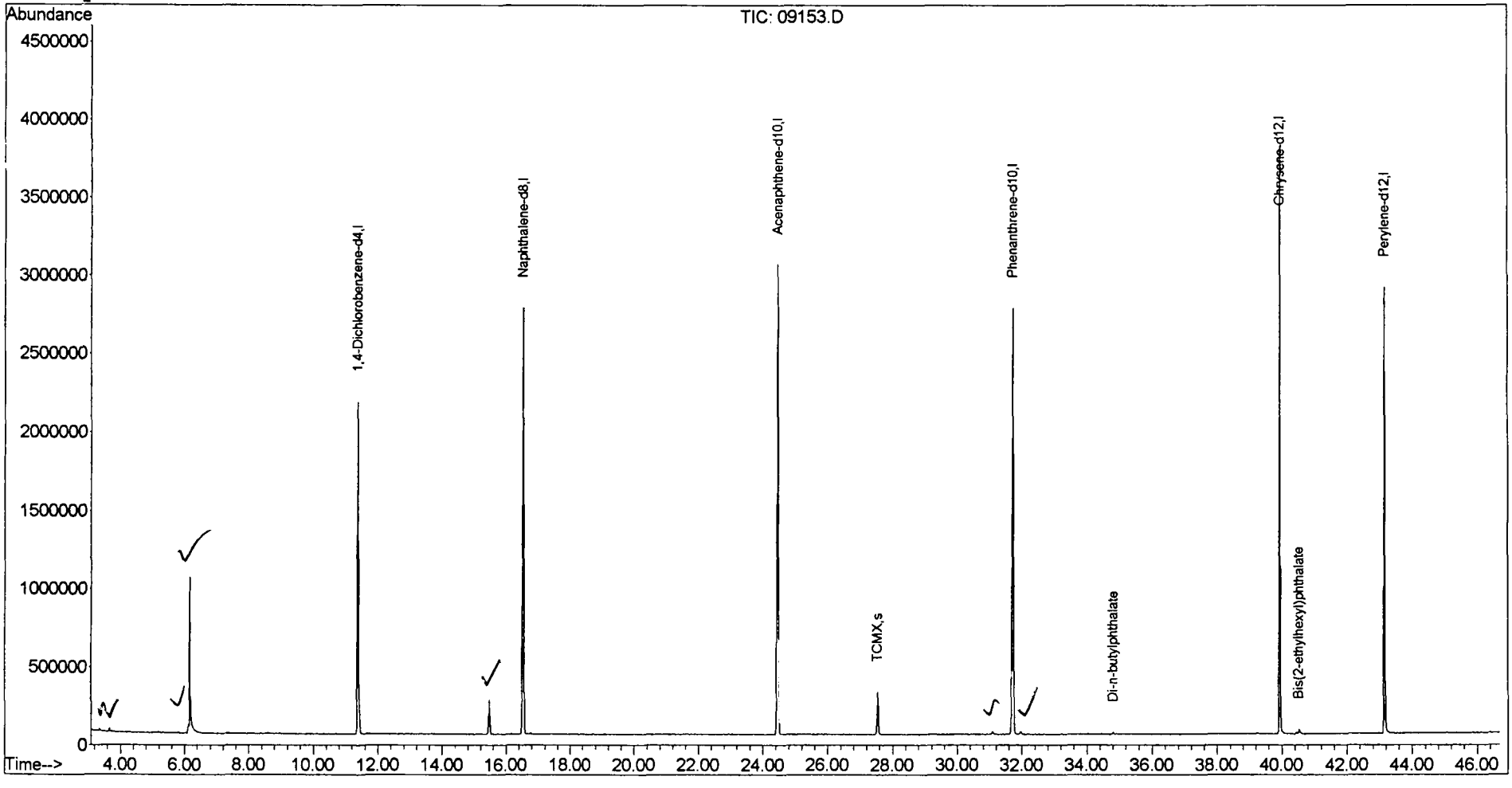
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.38	152	9806625	40.00	ug/l	-0.01
10) Naphthalene-d8	16.54	136	37943235	40.00	ug/l	-0.03
17) Acenaphthene-d10	24.46	164	21302406	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	31553743	40.00	ug/l	-0.02
38) Chrysene-d12	39.94	240	24665862	40.00	ug/l	-0.04
44) Perylene-d12	43.16	264	16398422	40.00	ug/l	-0.02
System Monitoring Compounds						
27) TCMX	27.54	207	853564	7.12	ug/l	-0.03
Spiked Amount 10.000			Recovery = 71.20%			
Target Compounds						Qvalue
35) Di-n-butylphthalate	34.81	149	143327	0.15	ug/l	100
43) Bis(2-ethylhexyl)phthalate	40.52	149	226017	0.50	ug/l	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020424\09153.D Vial: 22
Acq On : 25 Apr 2002 6:29 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: events.e
Quant Time: May 3 10:59 2002 Quant Results File: SCAN020424.RES

Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Last Update : Wed Apr 24 08:54:34 2002
Response via : Initial Calibration



Data File : C:\MSDCHEM\1\DATA\020424\09153.D Vial: 22
Acq On : 25 Apr 2002 6:29 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 5 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

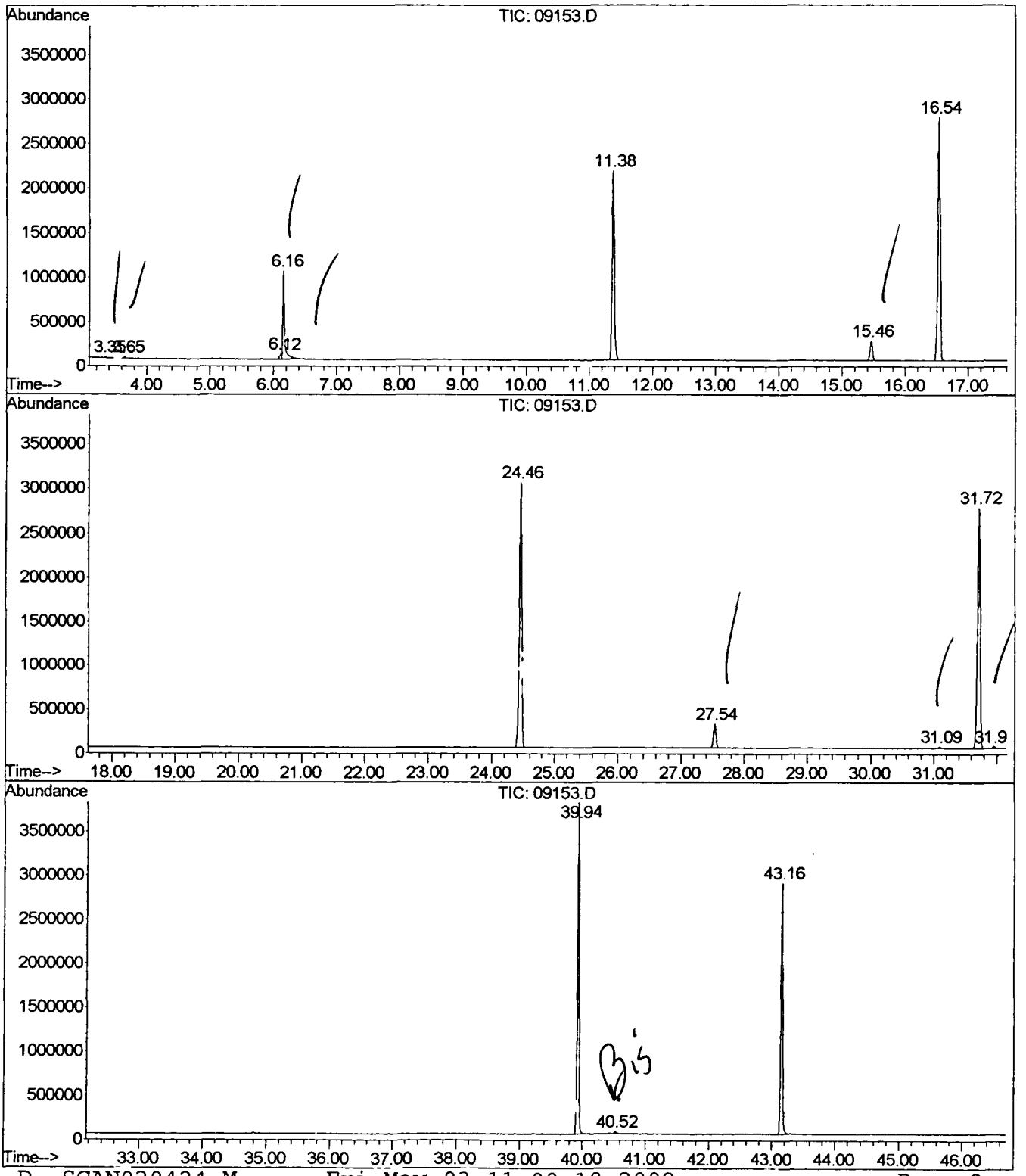
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.349	38	46	57	PV	3 15339	273078	0.34%	0.061%
2	3.649	93	97	105	PV	3 22196	313624	0.39%	0.070%
3	6.123	510	518	520	PV	2 60548	1294986	1.61%	0.289%
4	6.158	520	524	569	VV	1002194	20233333	25.12%	4.520%
5	11.375	1401	1412	1431	PV	2093752	50908984	63.21%	11.373%
6	15.465	2093	2108	2132	PV	224871	6525679	8.10%	1.458%
7	16.534	2272	2290	2306	PV	2698974	70378641	87.38%	15.722%
8	24.460	3615	3639	3655	PV	2985251	80540214	100.00%	17.992%
9	27.539	4148	4163	4177	PV	271228	7394313	9.18%	1.652%
10	31.094	4758	4768	4778	VV	4 20020	620299	0.77%	0.139%
11	31.723	4857	4875	4893	VV	2 2704306	79068430	98.17%	17.663%
12	31.952	4905	4914	4924	VV	2 21688	612074	0.76%	0.137%
13	39.937	6258	6273	6292	PV	2 3834716	72086873	89.50%	16.104%
14	40.524	6367	6373	6382	PV	3 24607	569535	0.71%	0.127%
15	43.156	6810	6821	6839	PV	2 2846435	56826070	70.56%	12.694%

Sum of corrected areas: 447646132

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020424\09153.D
Operator : Nefliu
Acquired : 25 Apr 2002 6:29 am using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: sample
Misc Info :
Vial Number: 22
Quant File :SCAN020424.RES (Chemstation Integrator)



Data File : C:\MSDCHEM\1\DATA\020424\09153.D Vial: 22
Acq On : 25 Apr 2002 6:29 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

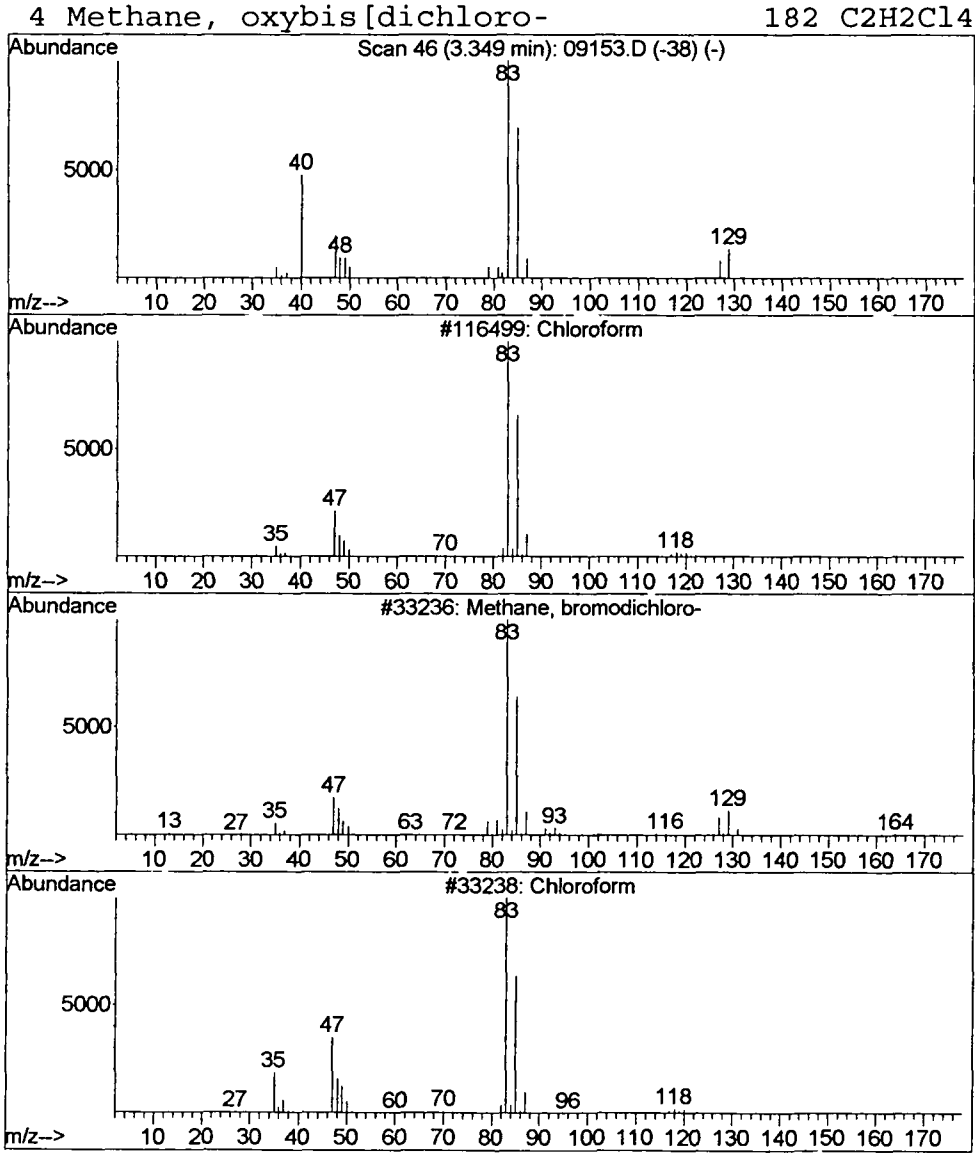
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

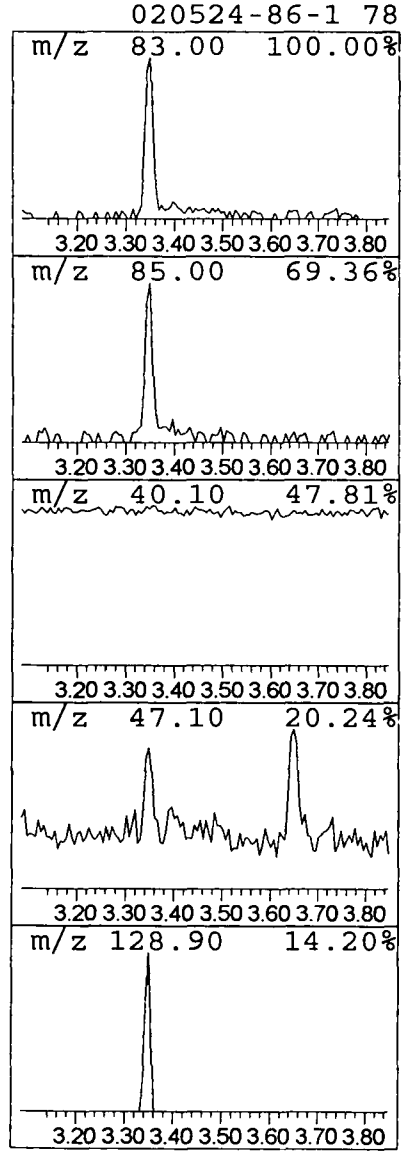
****

Peak Number 1 Chloroform Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.35	0.21 ug/l	273078	1,4-Dichlorobenzene-d4	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	~~Chloroform~~	118	CHCl3	000067-66-3	86
✓ 2	Methane, bromodichloro-	162	CHBrCl2	000075-27-4	83
3	Chloroform	118	CHCl3	000067-66-3	78
4	Methane, oxybis[dichloro-	182	C2H2Cl4O	020524-86-1	78





Data File : C:\MSDCHEM\1\DATA\020424\09153.D Vial: 22
Acq On : 25 Apr 2002 6:29 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

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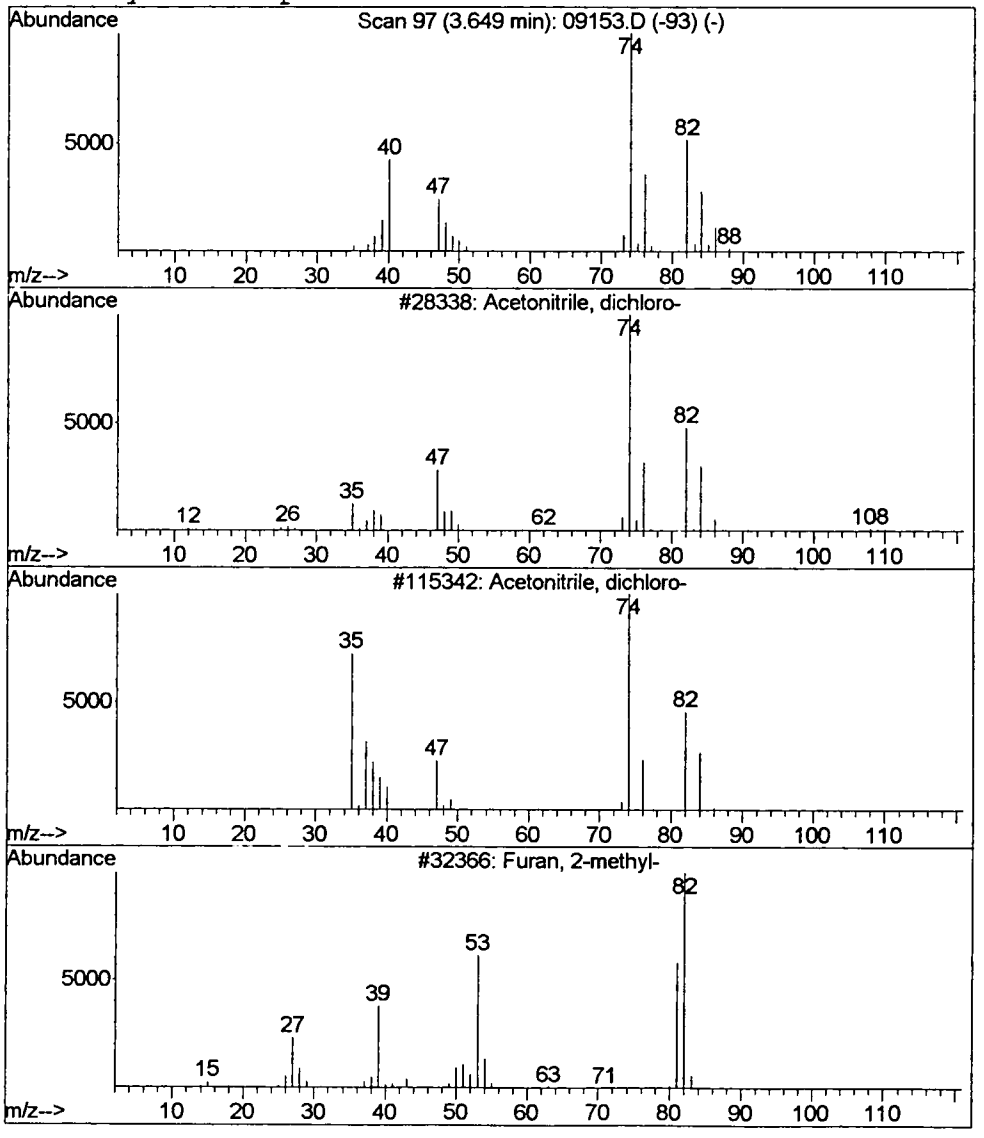
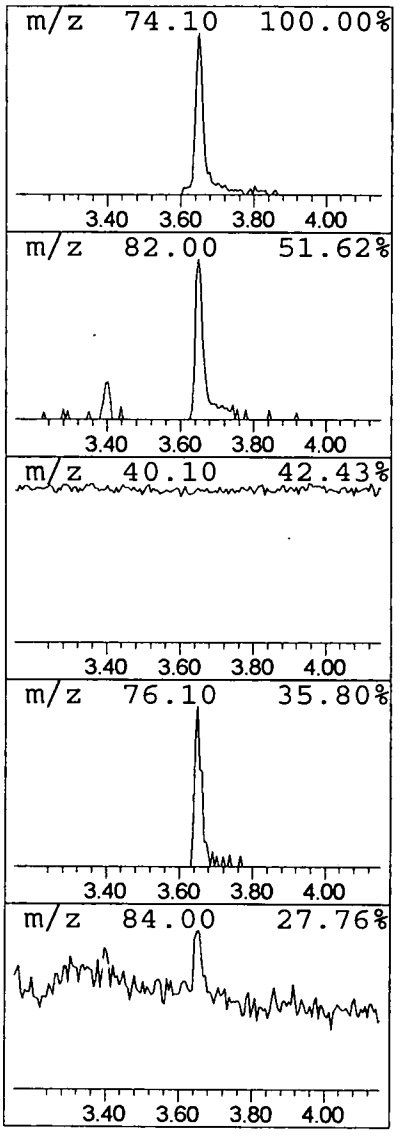
Peak Number 2 Acetonitrile, dichloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.65	0.25 ug/l	313624	1,4-Dichlorobenzene-d4	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
✓ 1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	83
2	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	32
3	Furan, 2-methyl-	82	C5H6O	000534-22-5	9
4	Allyl mercaptan	74	C3H6S	000870-23-5	5





Data File : C:\MSDCHEM\1\DATA\020424\09153.D Vial: 22
Acq On : 25 Apr 2002 6:29 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

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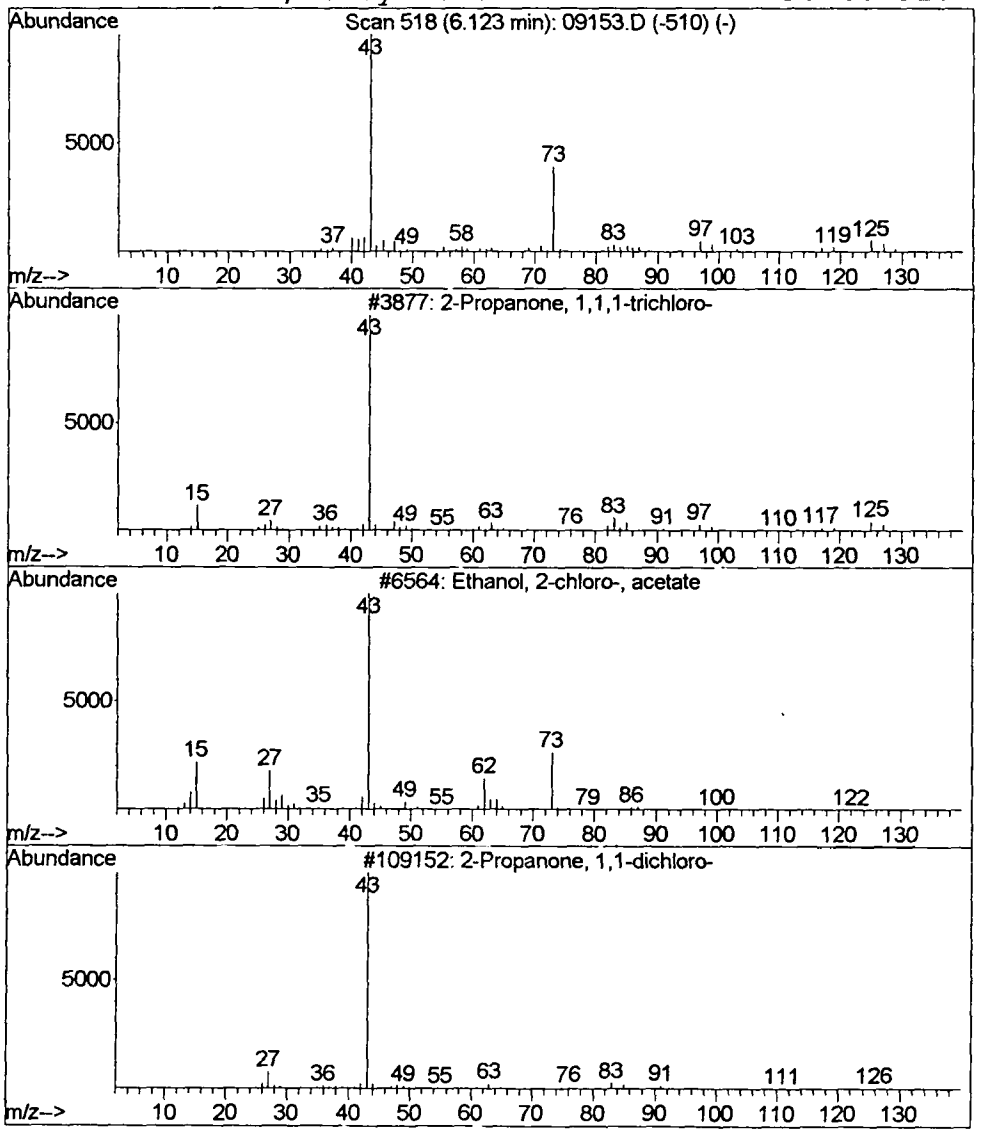
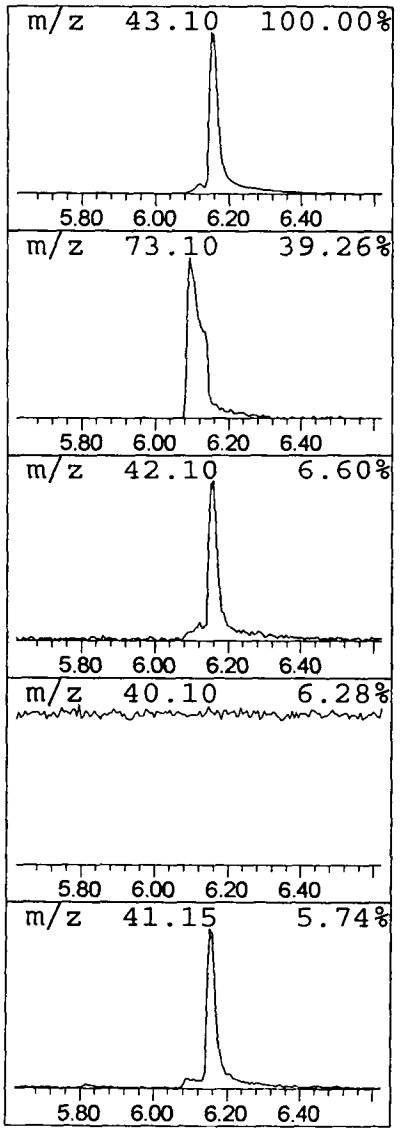
Peak Number 3 2-Propanone, 1,1,1-trichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	1.02 ug/l	1294990	1,4-Dichlorobenzene-d4	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	42
2	Ethanol, 2-chloro-, acetate	122	C4H7ClO2	000542-58-5	37
3	2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	22
4	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	17





Data File : C:\MSDCHEM\1\DATA\020424\09153.D Vial: 22
Acq On : 25 Apr 2002 6:29 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

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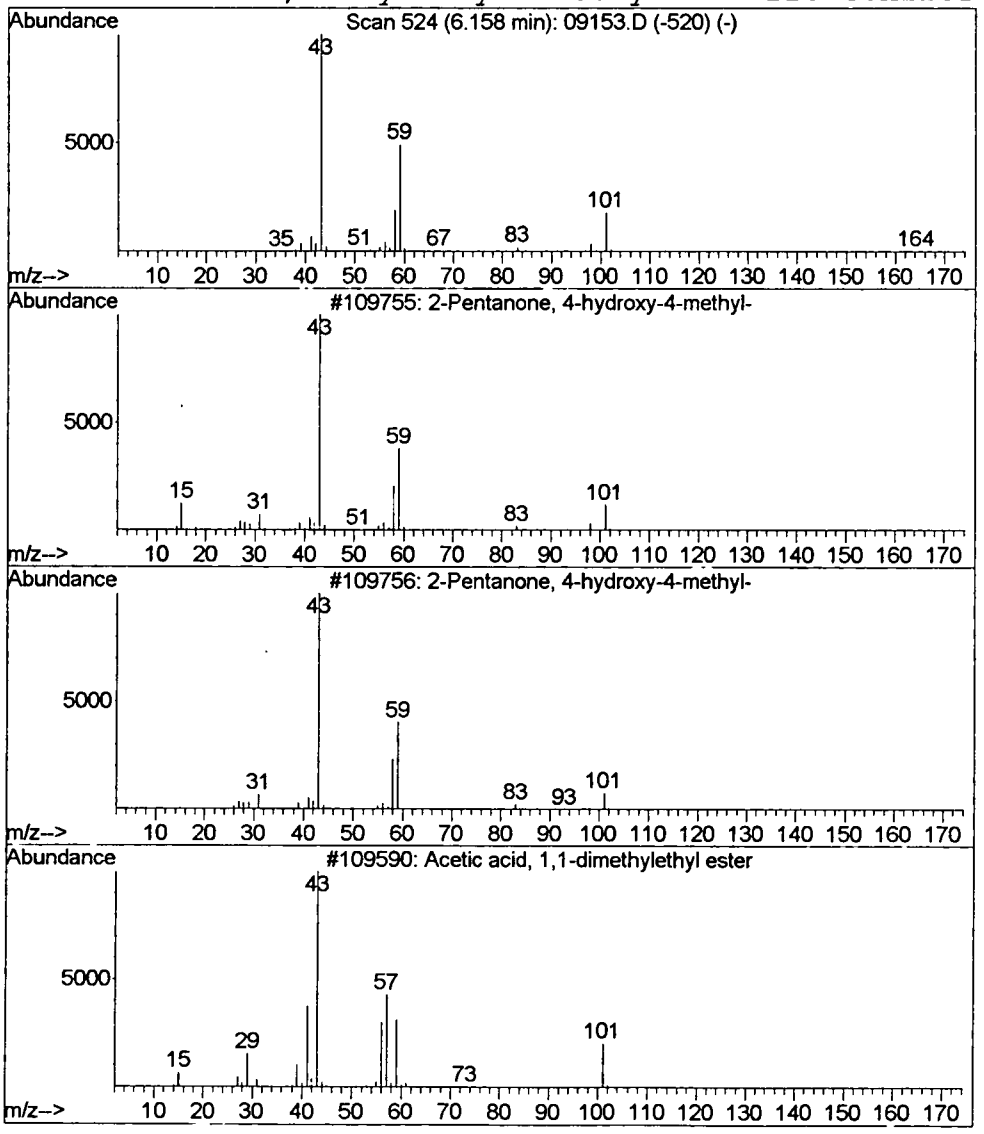
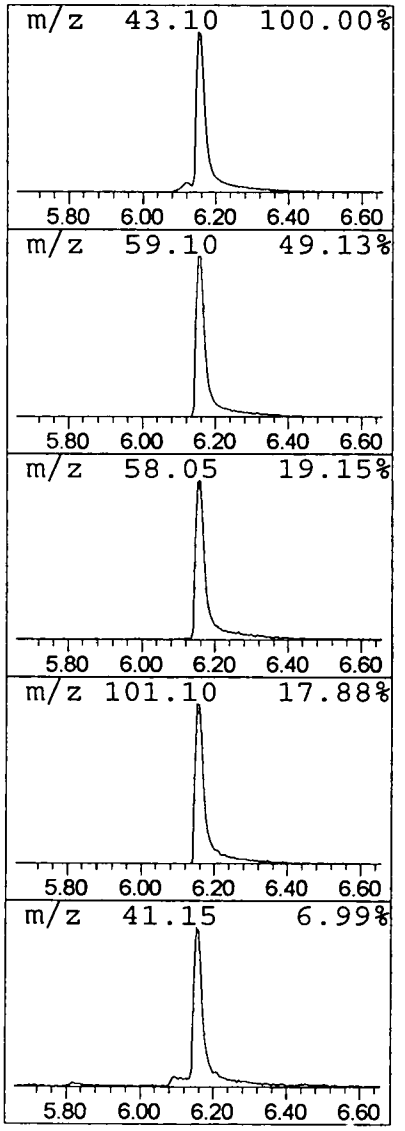
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	15.90 ug/l	20233300	1,4-Dichlorobenzene-d4	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	9





Data File : C:\MSDCHEM\1\DATA\020424\09153.D Vial: 22
Acq On : 25 Apr 2002 6:29 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

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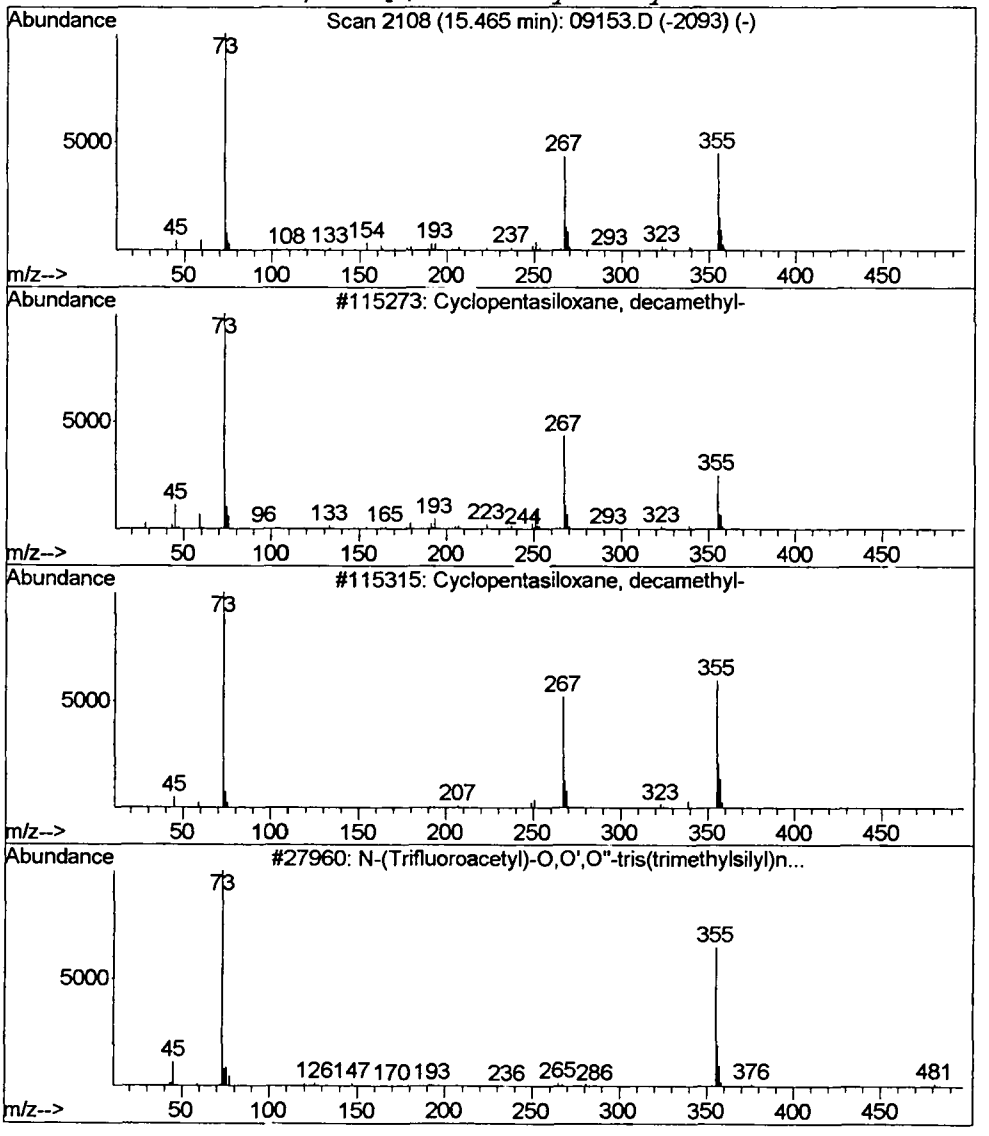
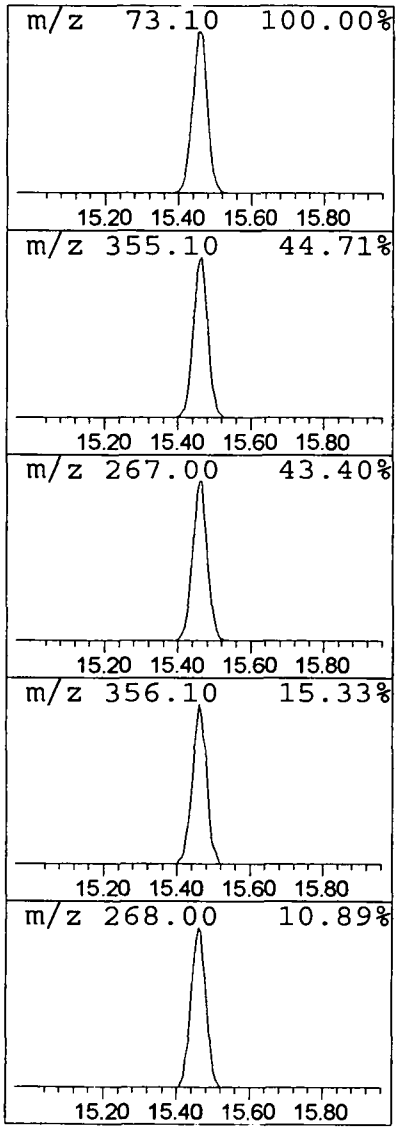
Peak Number 5 Cyclopentasiloxane, decamet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	3.71 ug/l	6525680	Naphthalene-d8	16.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	59
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	49
3	N-(Trifluoroacetyl)-O,O',O''-tri...	481	C19H34F3NO4Si3	1000072-26-3	38
4	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	38





Data File : C:\MSDCHEM\1\DATA\020424\09153.D Vial: 22
Acq On : 25 Apr 2002 6:29 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

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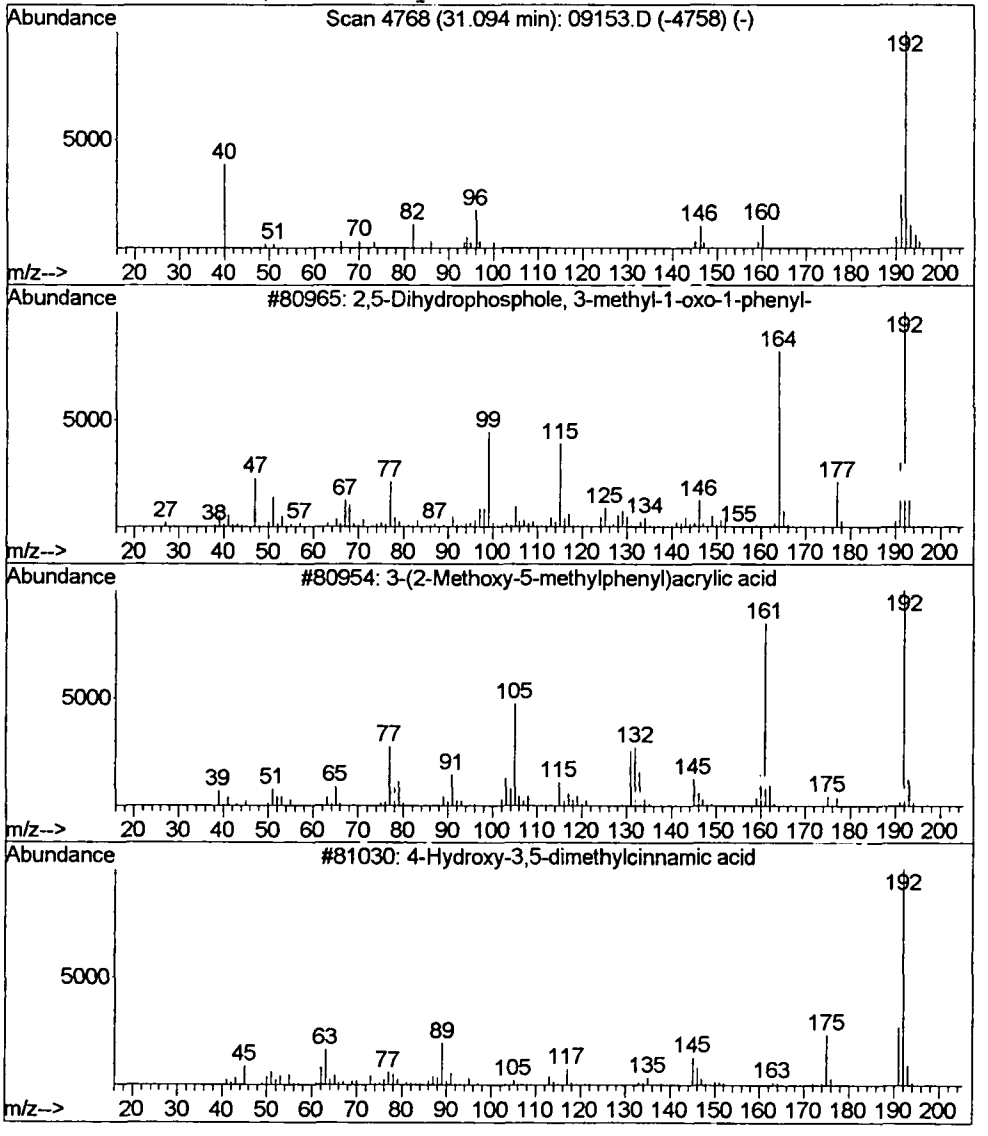
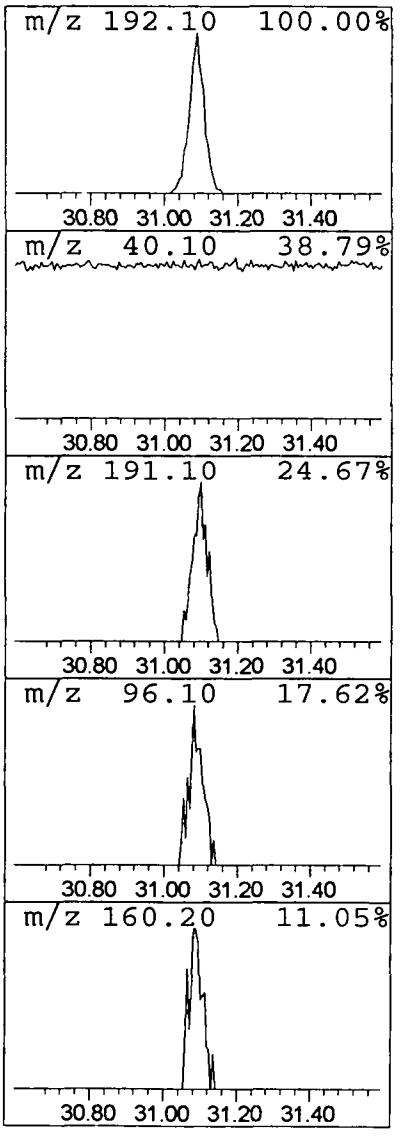
Peak Number 6 2,5-Dihydrophosphole, 3-met... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.31 ug/l	620299	Phenanthrene-d10	31.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Dihydrophosphole, 3-methyl-1...	192	C11H13OP	1000196-97-5	59
2	3-(2-Methoxy-5-methylphenyl)acry...	192	C11H12O3	103986-76-1	50
3	4-Hydroxy-3,5-dimethylcinnamic acid	192	C11H12O3	1000132-15-8	45
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	45





Data File : C:\MSDCHEM\1\DATA\020424\09153.D Vial: 22
Acq On : 25 Apr 2002 6:29 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

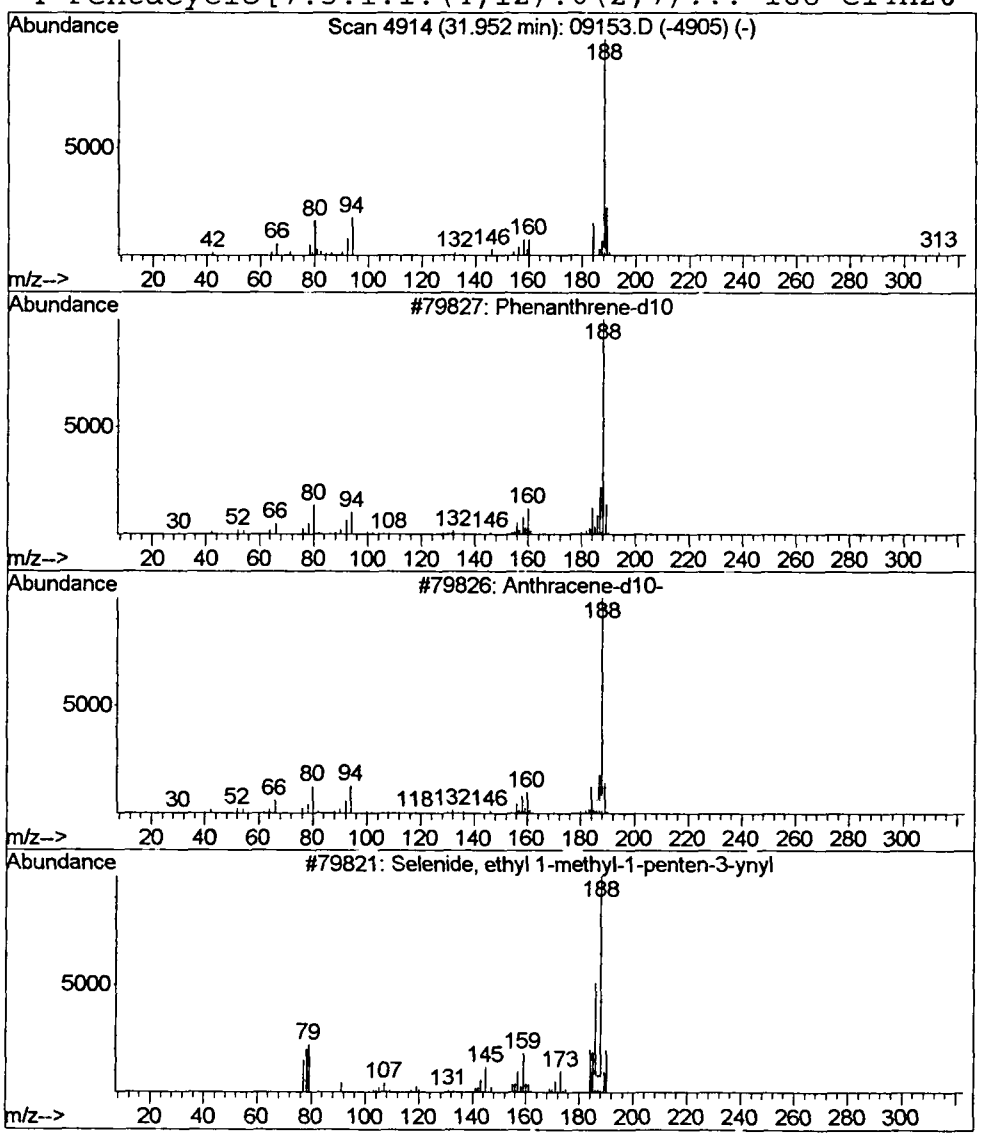
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

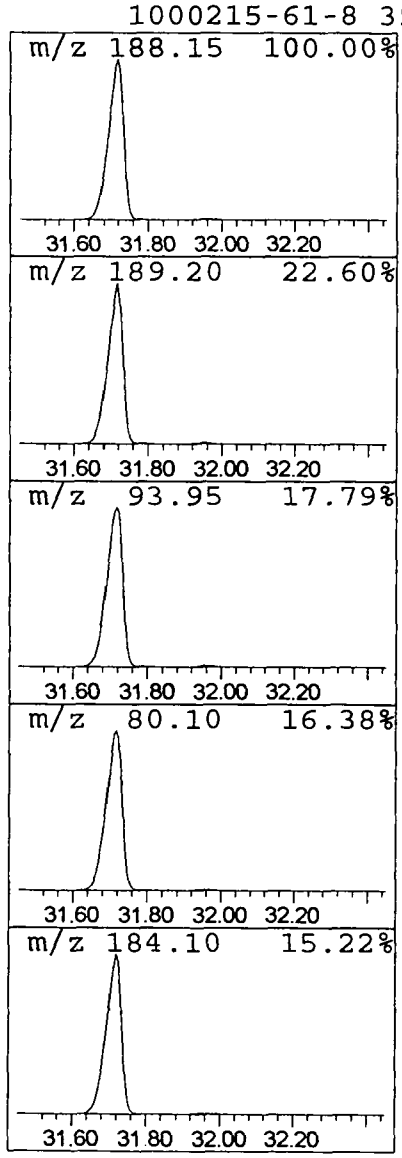
****

Peak Number 7 Phenanthrene-d10 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.95	0.31 ug/l	612074	Phenanthrene-d10	31.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	72
2	Anthracene-d10-	188	C14D10	001719-06-8	72
3	Selenide, ethyl 1-methyl-1-pente...	188	C8H12Se	025128-48-7	40
4	Pentacyclo[7.3.1.1.(4,12).0(2,7)...	188	C14H20	1000215-61-8	39





Operator ID: Nefliu Date Acquired: 25 Apr 2002 6:29 am
Data File: C:\MSDCHEM\1\DATA\020424\09153.D
Name: sample
Misc:
Method: C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)
Title: Method 508 GC/MS Scan
Library Searched: C:\DATABASE\nist98.l

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
Chloroform	3.35	0.2	ug/l	273078	1	11.38	50909000	40.0
Acetonitrile, dic...	3.65	0.2	ug/l	313624	1	11.38	50909000	40.0
2-Propanone, 1,1,...	6.12	1.0	ug/l	1294990	1	11.38	50909000	40.0
2-Pentanone, 4-hy...	6.16	15.9	ug/l	20233300	1	11.38	50909000	40.0
Cyclopentasiloxan...	15.46	3.7	ug/l	6525680	2	16.54	70378600	40.0
2,5-Dihydrophosph...	31.09	0.3	ug/l	620299	4	31.72	79068400	40.0
Phenanthrene-d10	31.95	0.3	ug/l	612074	4	31.72	79068400	40.0