User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 10:31:58

Sample: AE09152
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/8/02 10:31 Ended: 5/8/02 10:31 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		70		10.0

Comments for Sample AE09152 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-08-2002 Time: 10:33:10

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020424\09152.D Vial: 21
Acq On : 25 Apr 2002 5:30 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 26 13:58:29 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

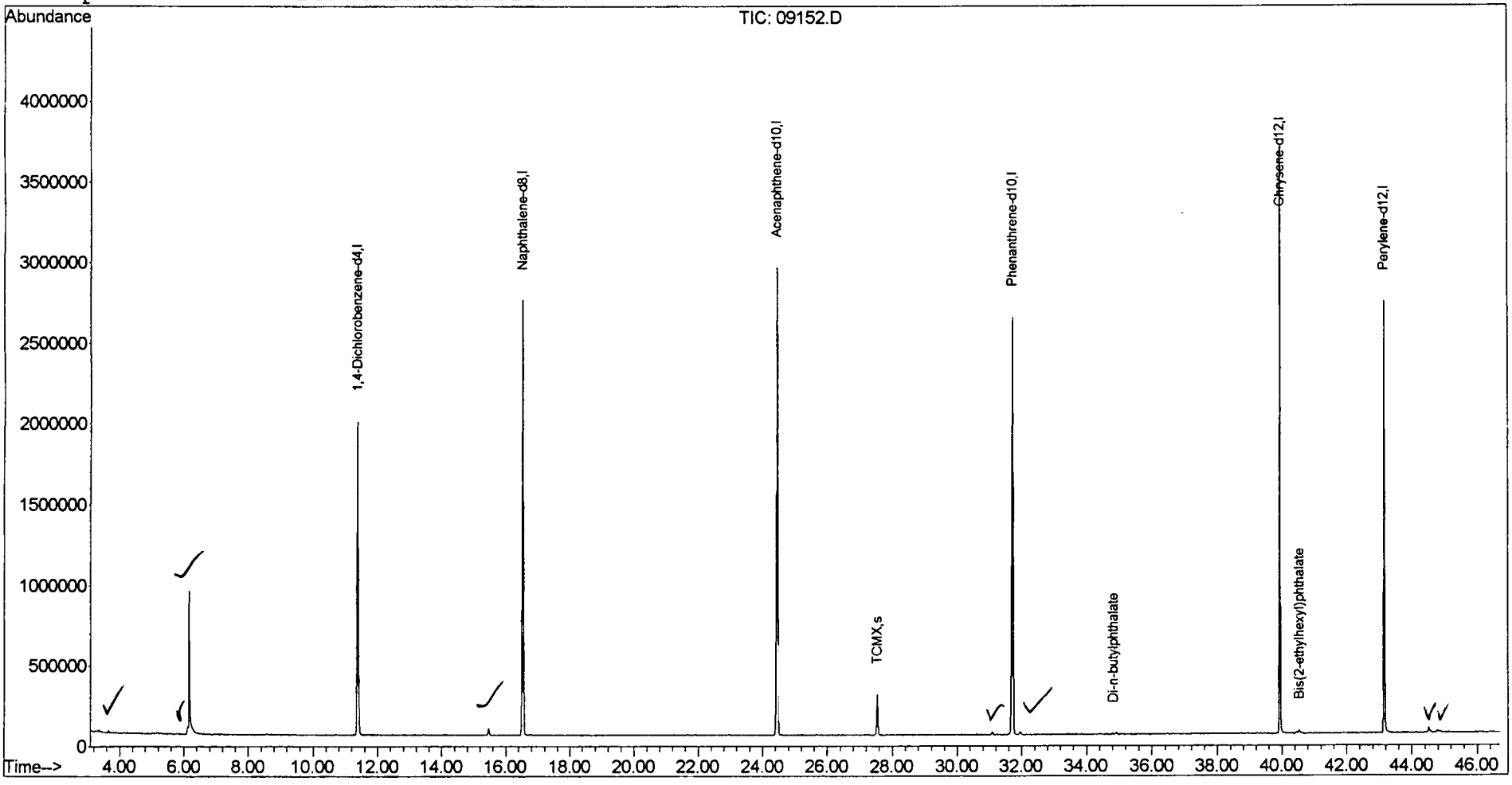
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.38	152	9554942	40.00	ug/l	-0.01
10) Naphthalene-d8	16.54	136	37014397	40.00	ug/l	-0.03
17) Acenaphthene-d10	24.46	164	20589884	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	30234884	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	22314377	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	14843356	40.00	ug/l	-0.02
System Monitoring Compounds						
27) TCMX	27.54	207	807503	6.97	ug/l	-0.03
Spiked Amount 10.000			Recovery = 69.70%			
Target Compounds						Qvalue
35) Di-n-butylphthalate	34.81	149	97237	0.11	ug/l	95
43) Bis(2-ethylhexyl)phthalate	40.53	149	180225	0.44	ug/l	96

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020424\09152.D Vial: 21
Acq On : 25 Apr 2002 5:30 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: events.e
Quant Time: Apr 26 14:01 2002 Quant Results File: SCAN020424.RES

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



Data File : C:\MSDCHEM\1\DATA\020424\09152.D Vial: 21
Acq On : 25 Apr 2002 5:30 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

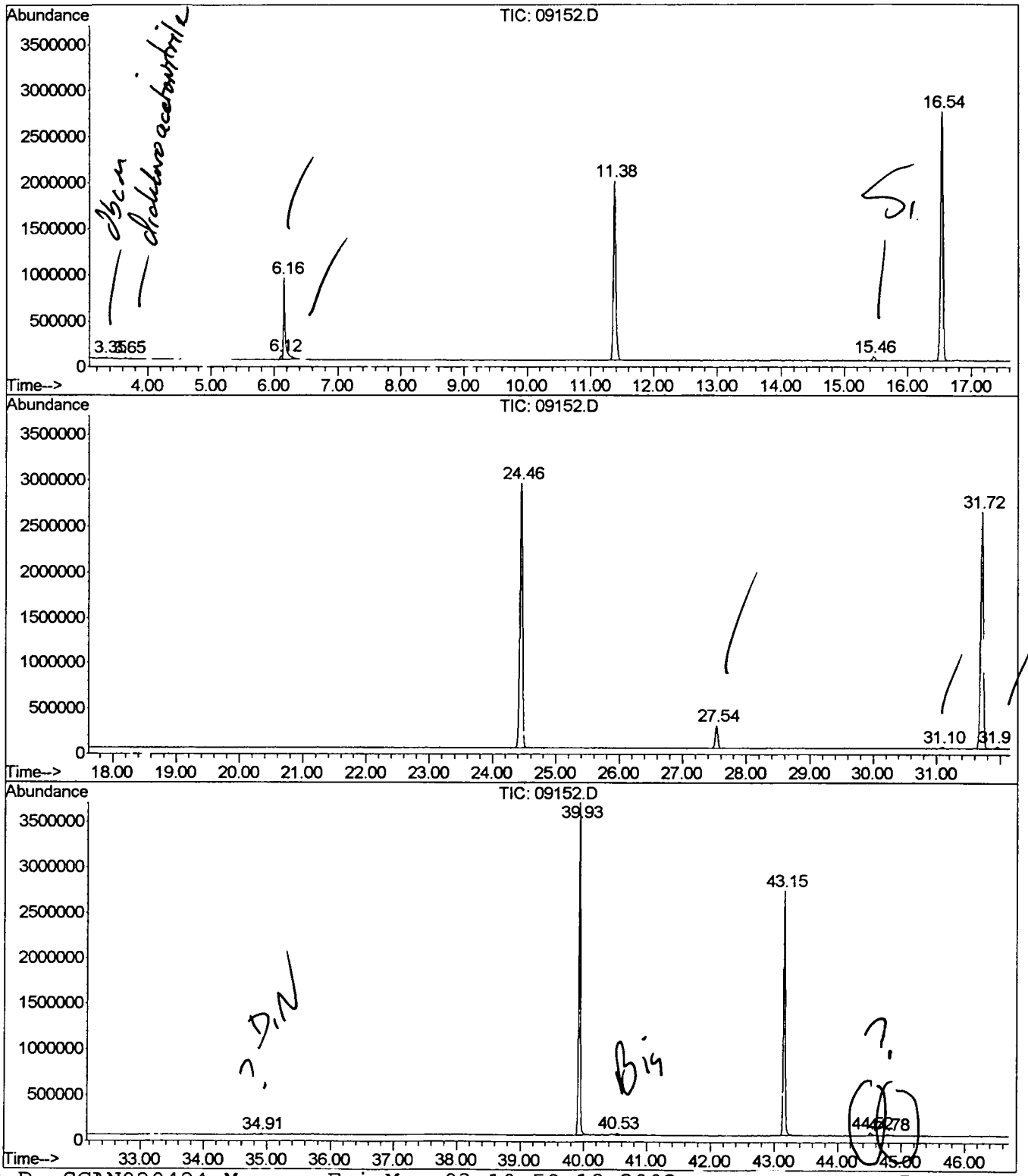
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.350	41	46	53	VV	4 14749	228413	0.29%	0.054%
2	3.655	94	98	107	VV	2 16209	257588	0.33%	0.061%
3	6.123	510	518	520	PV	2 47900	1014305	1.30%	0.241%
4	6.158	520	524	560	VV	872762	18076723	23.19%	4.296%
5	11.376	1402	1412	1433	VV	1923691	49466426	63.46%	11.755%
6	15.459	2097	2107	2122	PV	2 46163	1217795	1.56%	0.289%
7	16.534	2276	2290	2307	VV	2673235	68569322	87.97%	16.295%
8	24.461	3620	3639	3656	BV	2895030	77950001	100.00%	18.524%
9	27.539	4150	4163	4175	VV	3 252413	6916797	8.87%	1.644%
10	31.094	4759	4768	4776	PV	5 18954	606345	0.78%	0.144%
11	31.717	4857	4874	4897	VV	2 2573298	76372741	97.98%	18.149%
12	31.958	4905	4915	4932	VV	5 23472	849649	1.09%	0.202%
13	34.907	5408	5417	5423	PV	3 12463	252819	0.32%	0.060%
14	39.931	6259	6272	6293	VV	2 3555691	65567231	84.11%	15.581%
15	40.530	6367	6374	6383	VV	4 20510	467232	0.60%	0.111%
16	43.157	6807	6821	6845	PV	2 2637422	51593468	66.19%	12.261%
17	44.520	7040	7053	7061	BV	5 33440	1000462	1.28%	0.238%
18	44.784	7085	7098	7105	PV	3 11419	395465	0.51%	0.094%

Sum of corrected areas: 420802781

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020424\09152.D
Operator : Nefliu
Acquired : 25 Apr 2002 5:30 am using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: sample
Misc Info :
Vial Number: 21
Quant File :SCAN020424.RES (Chemstation Integrator)



Data File : C:\MSDCHEM\1\DATA\020424\09152.D Vial: 21
Acq On : 25 Apr 2002 5:30 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

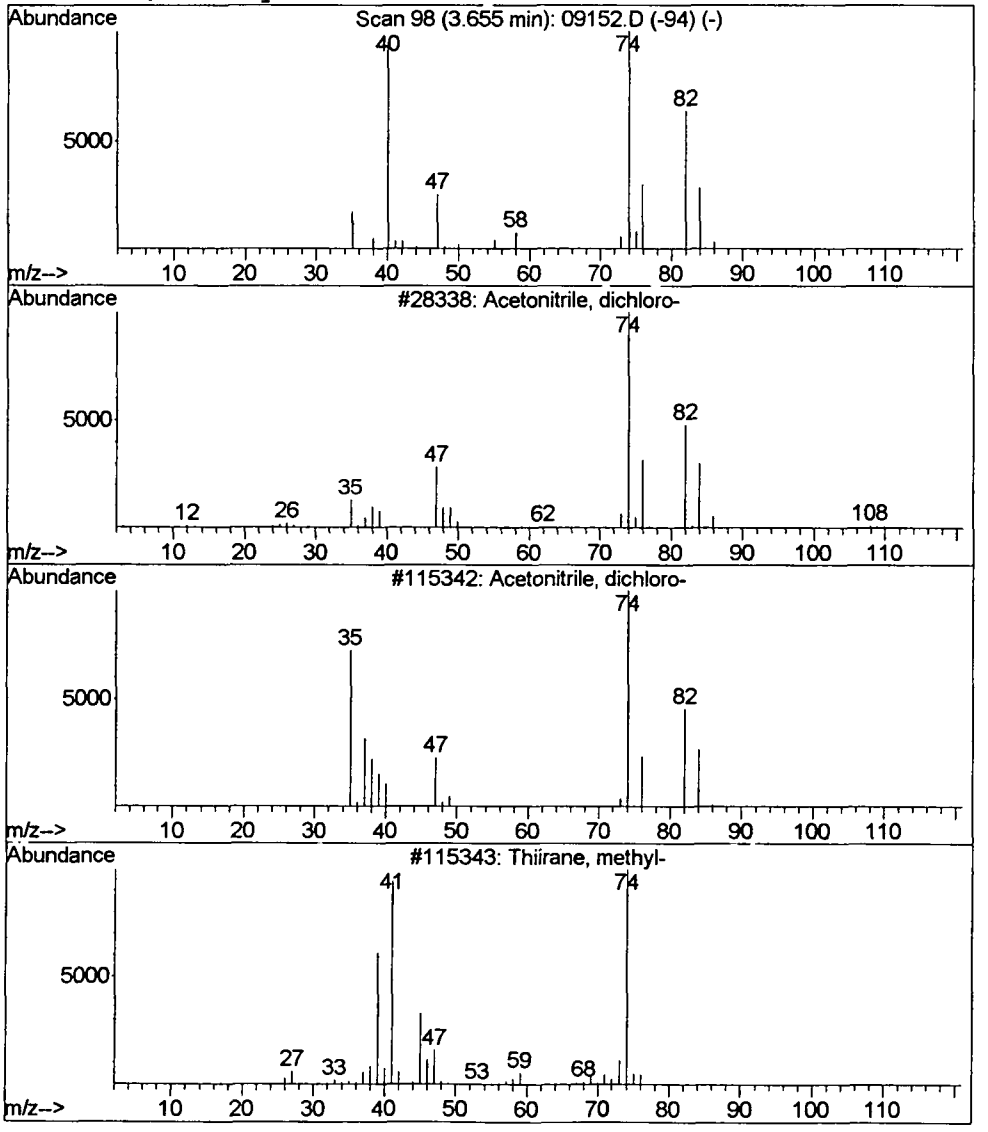
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

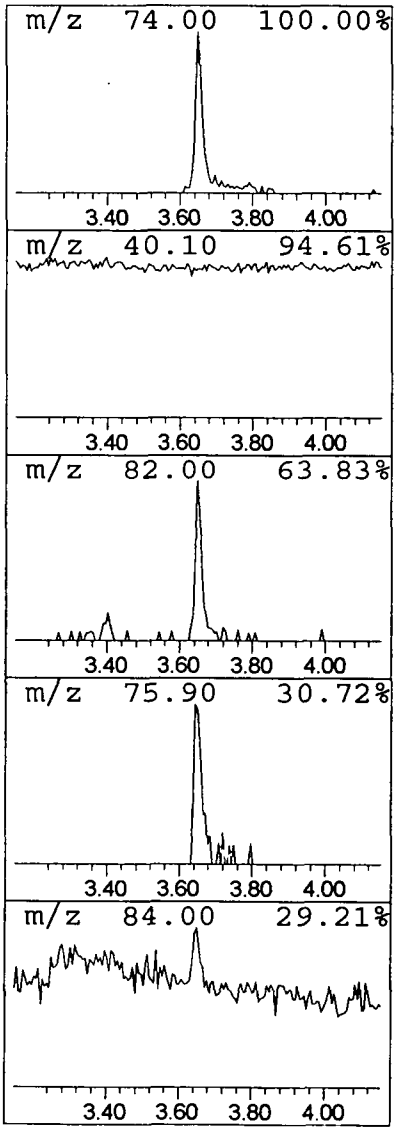
****

Peak Number 1 Acetonitrile, dichloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.65	0.21 ug/l	257588	1,4-Dichlorobenzene-d4	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
✓1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	28
2	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	16
3	Thiirane, methyl-	74	C3H6S	001072-43-1	5
4	Urea, methyl-	74	C2H6N2O	000598-50-5	4





Data File : C:\MSDCHEM\1\DATA\020424\09152.D Vial: 21
Acq On : 25 Apr 2002 5:30 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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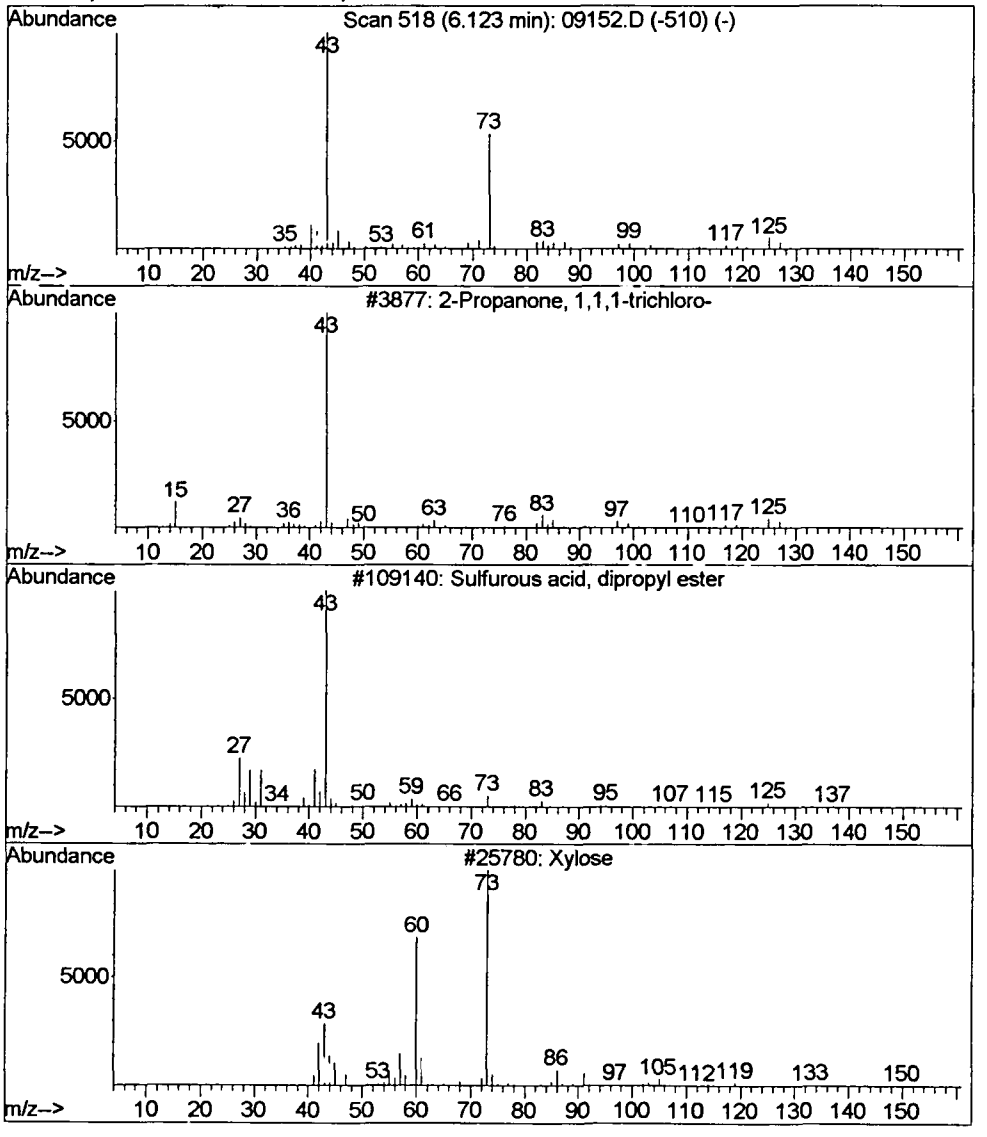
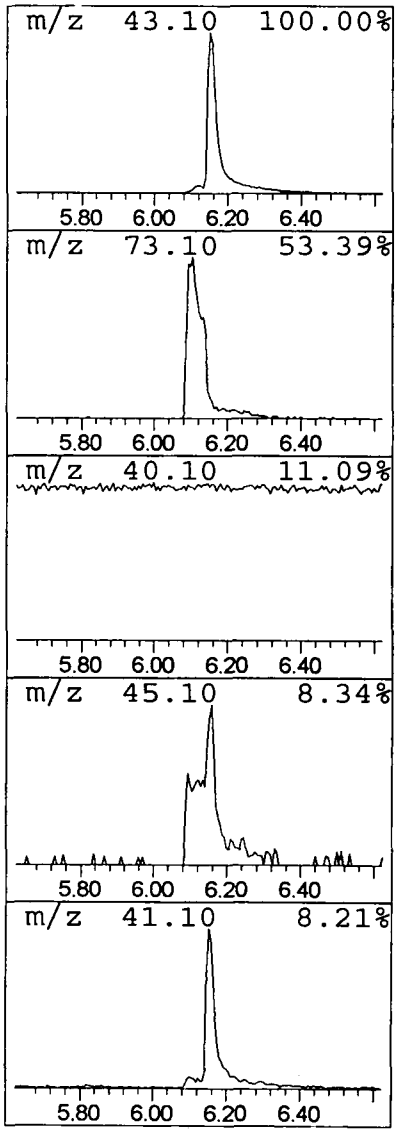
Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	0.82 ug/l	1014300	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	38
2	Sulfurous acid, dipropyl ester	166	C6H14O3S	000623-98-3	9
3	Xylose	150	C5H10O5	000058-86-6	9
4	1,2-Ethanediol, monoacetate	104	C4H8O3	000542-59-6	9





Data File : C:\MSDCHEM\1\DATA\020424\09152.D Vial: 21
Acq On : 25 Apr 2002 5:30 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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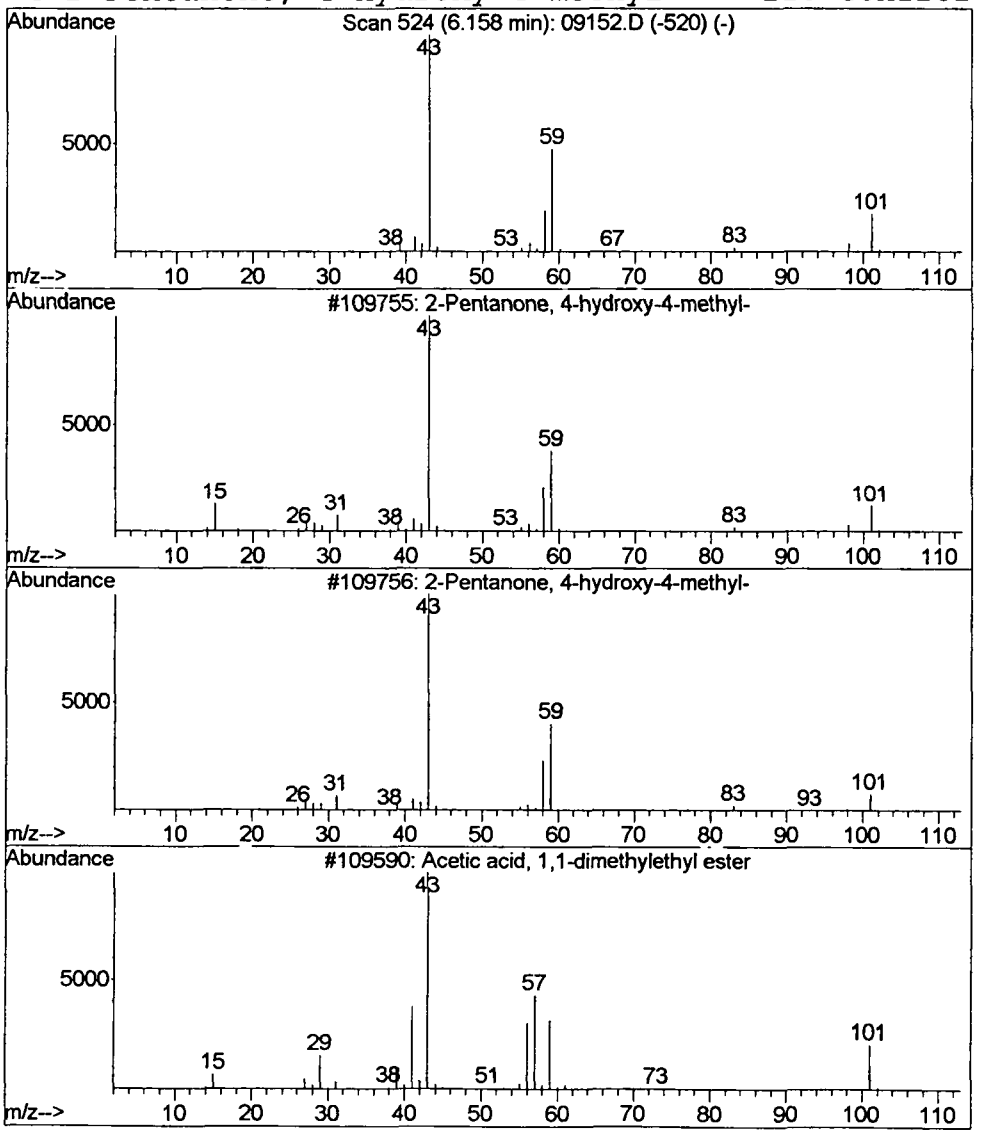
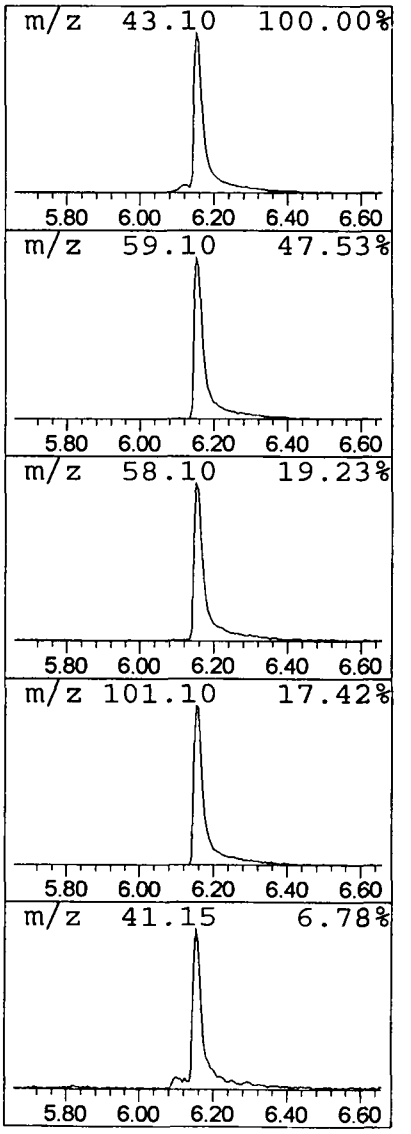
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	14.62 ug/l	18076700	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	64
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\09152.D
Acq On : 25 Apr 2002 5:30 am
Sample : sample
Misc :
MS Integration Params: rteint.e

Vial: 21
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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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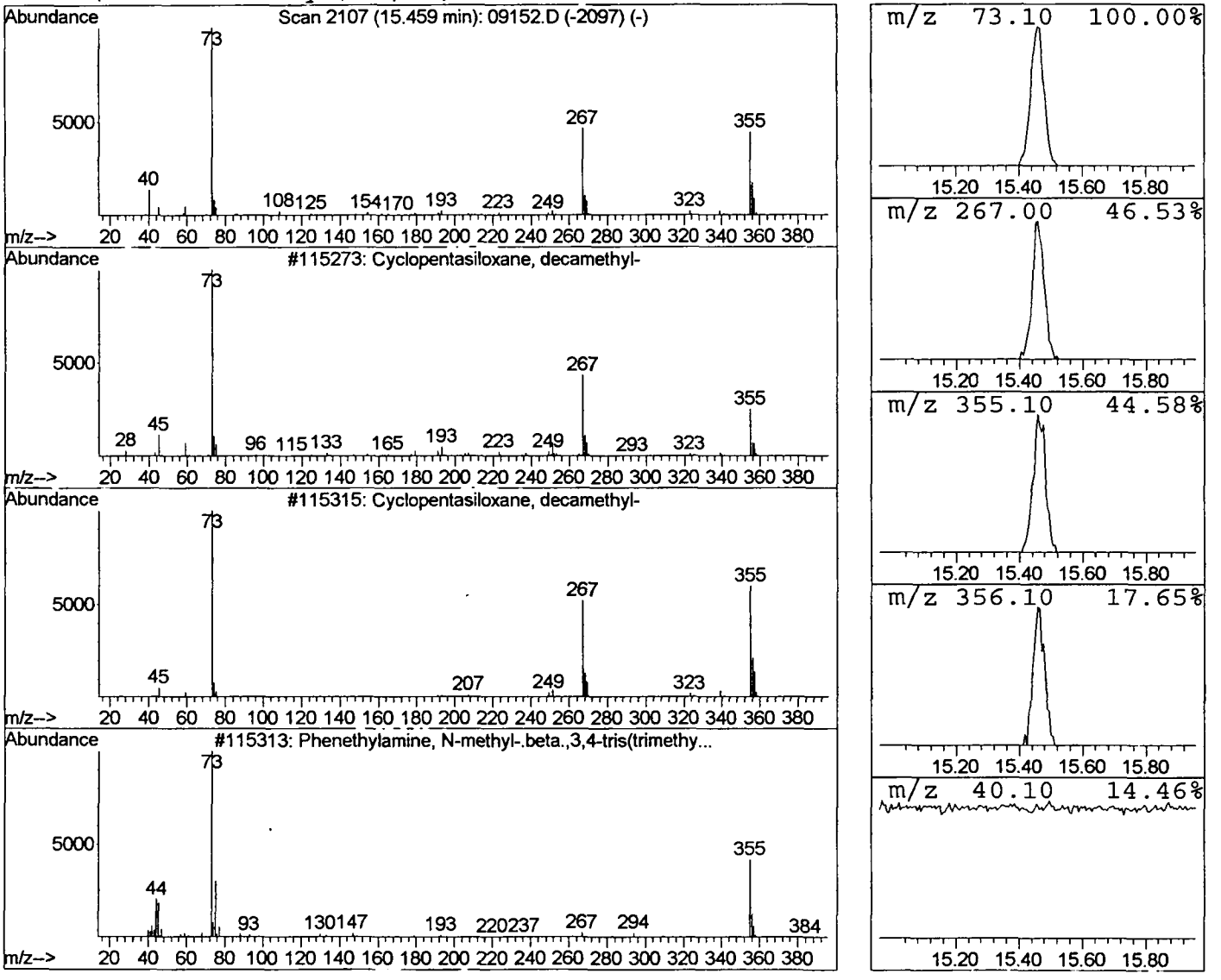
Peak Number 4 Cyclopentasiloxane, decamet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	0.71 ug/l	1217790	Naphthalene-d8	16.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	74
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	64
3	Phenethylamine, N-methyl-.beta.,...	399	C18H37NO3Si3	010538-85-9	47
4	N-(Trifluoracetyl)-O,O',O''-tris...	495	C20H36F3NO4Si3	054135-51-2	38



Data File : C:\MSDCHEM\1\DATA\020424\09152.D
Acq On : 25 Apr 2002 5:30 am
Sample : sample
Misc :
MS Integration Params: rteint.e

Vial: 21
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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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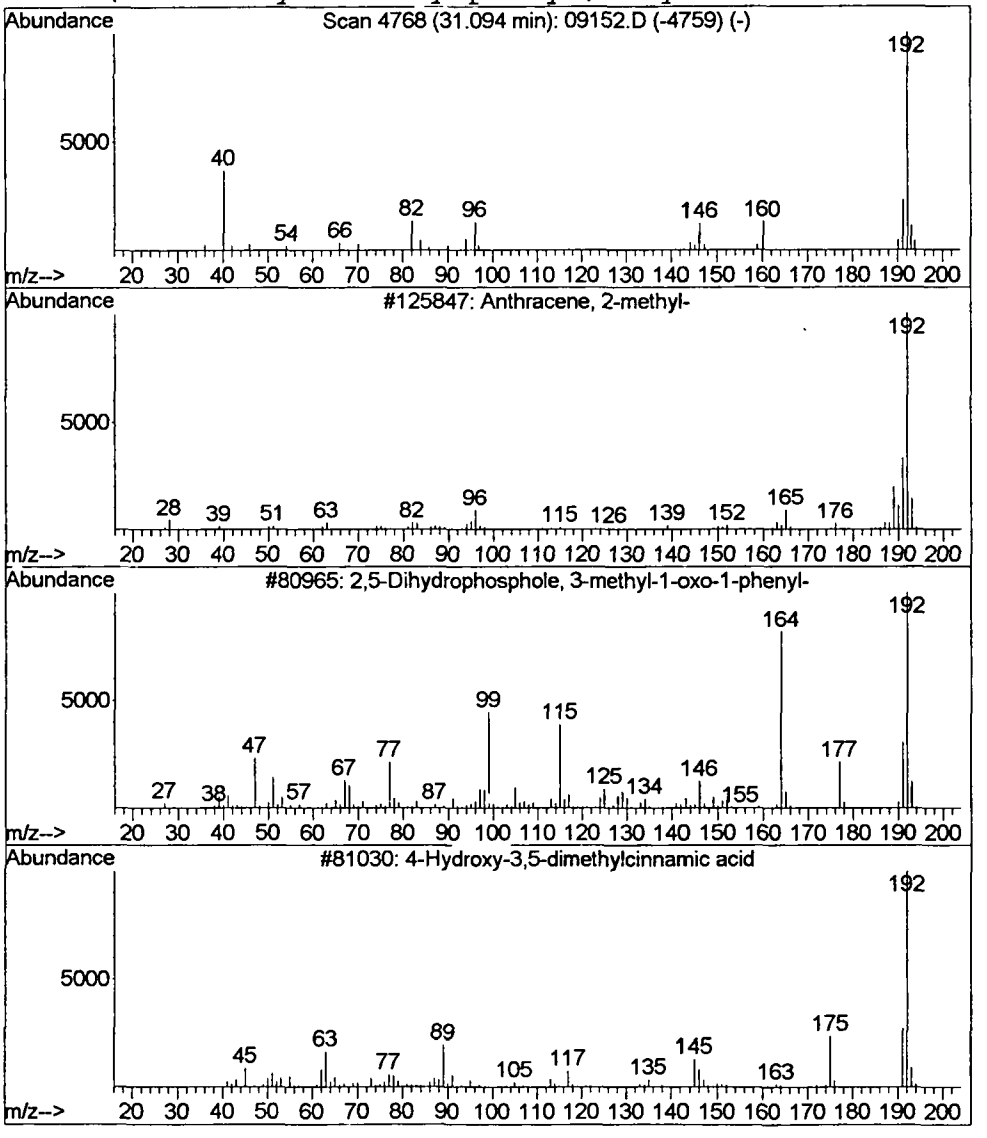
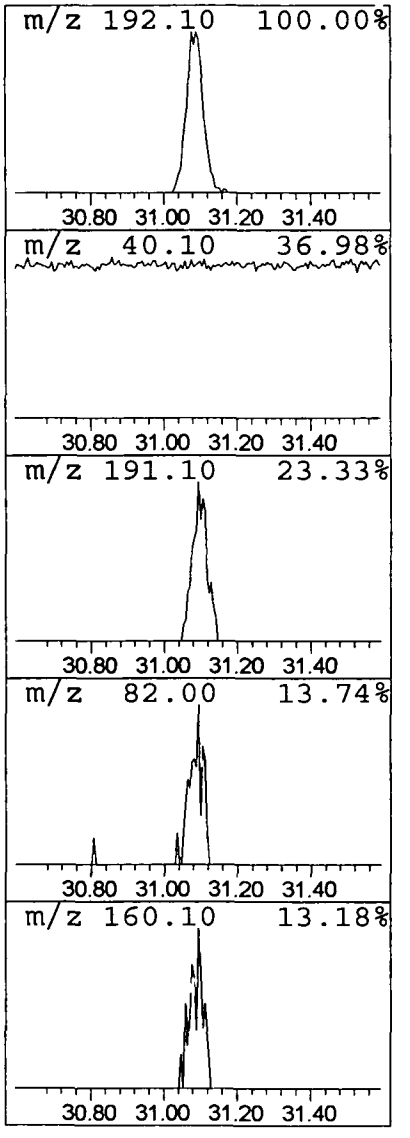
Peak Number 5 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.10	0.32 ug/l	606345	Phenanthrene-d10	31.72

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





Data File : C:\MSDCHEM\1\DATA\020424\09152.D Vial: 21
Acq On : 25 Apr 2002 5:30 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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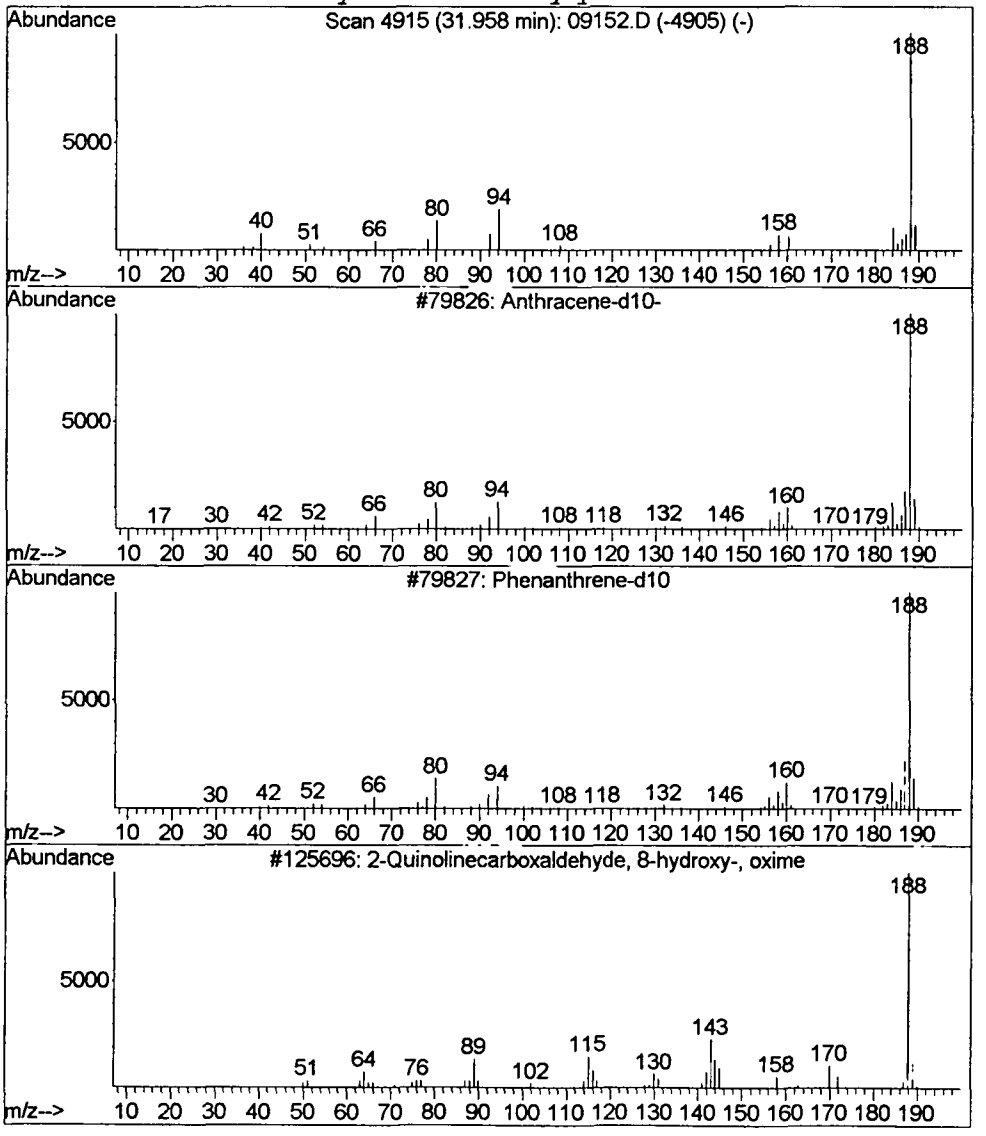
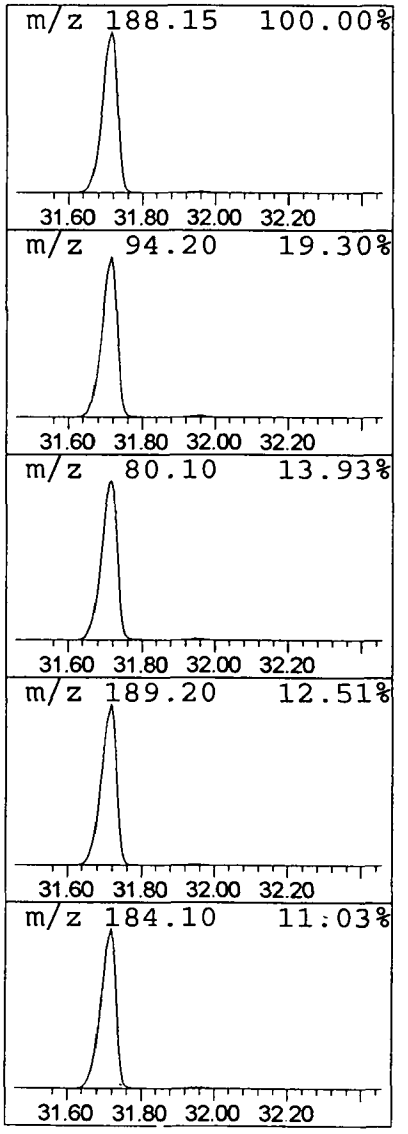
Peak Number 6 Anthracene-d10- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.45 ug/l	849649	Phenanthrene-d10	31.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	~~Anthracene-d10-~~	188	C14D10	001719-06-8	87
2	Phenanthrene-d10	188	C14D10	001517-22-2	86
3	2-Quinolinecarboxaldehyde, 8-hyd...	188	C10H8N2O2	005603-22-5	40
4	3-Amino-4-methyl-6-methoxyquinoline	188	C11H12N2O	1000213-71-3	40





Data File : C:\MSDCHEM\1\DATA\020424\09152.D Vial: 21
Acq On : 25 Apr 2002 5:30 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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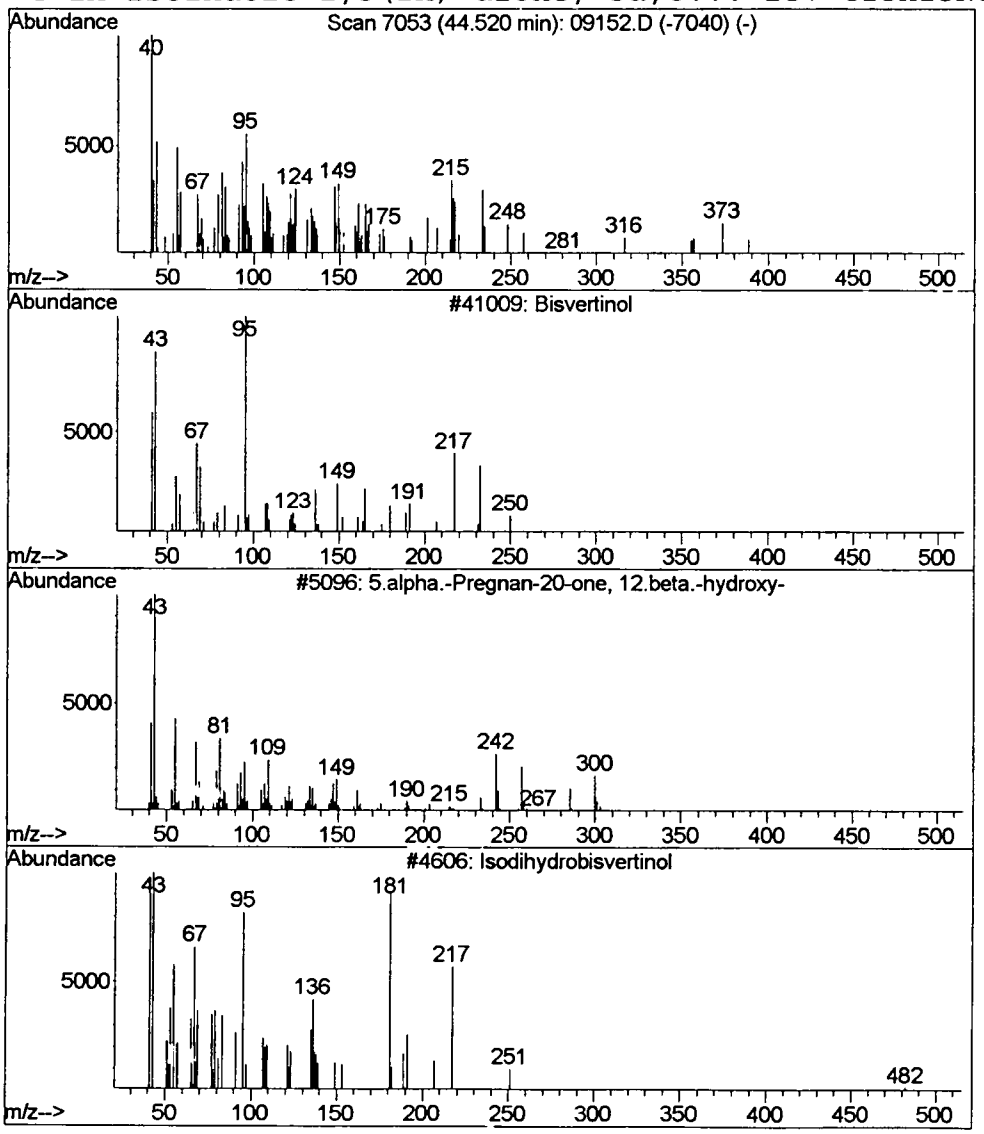
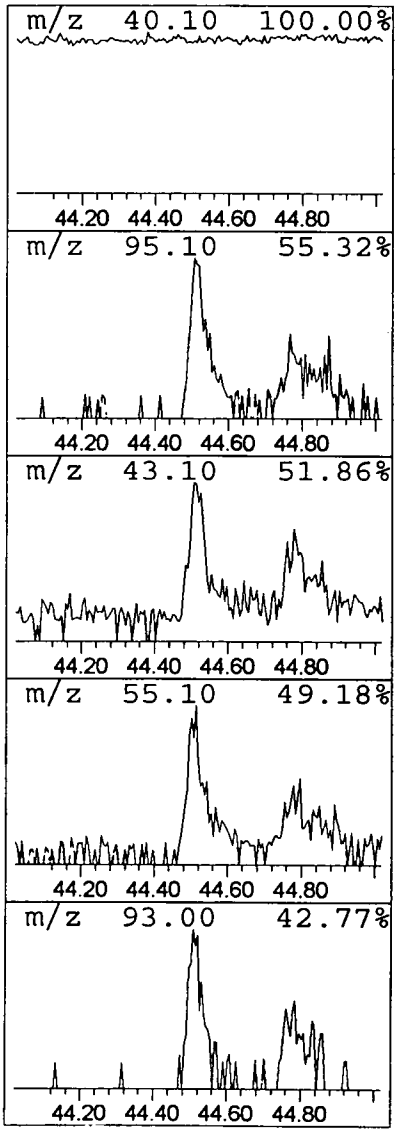
Peak Number 7 Bisvertinol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
44.52	0.78 ug/l	1000460	Perylene-d12	43.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bisvertinol	498	C28H34O8	1000145-05-4	16
2	5.alpha.-Pregnan-20-one, 12.beta...	318	C21H34O2	005618-22-4	12
3	Isodihydrobisvertinol	500	C28H36O8	1000143-59-2	10
4	1H-Isoindole-1,3(2H)-dione, 3a,6...	257	C15H15NO3	054346-14-4	9





Data File : C:\MSDCHEM\1\DATA\020424\09152.D Vial: 21
Acq On : 25 Apr 2002 5:30 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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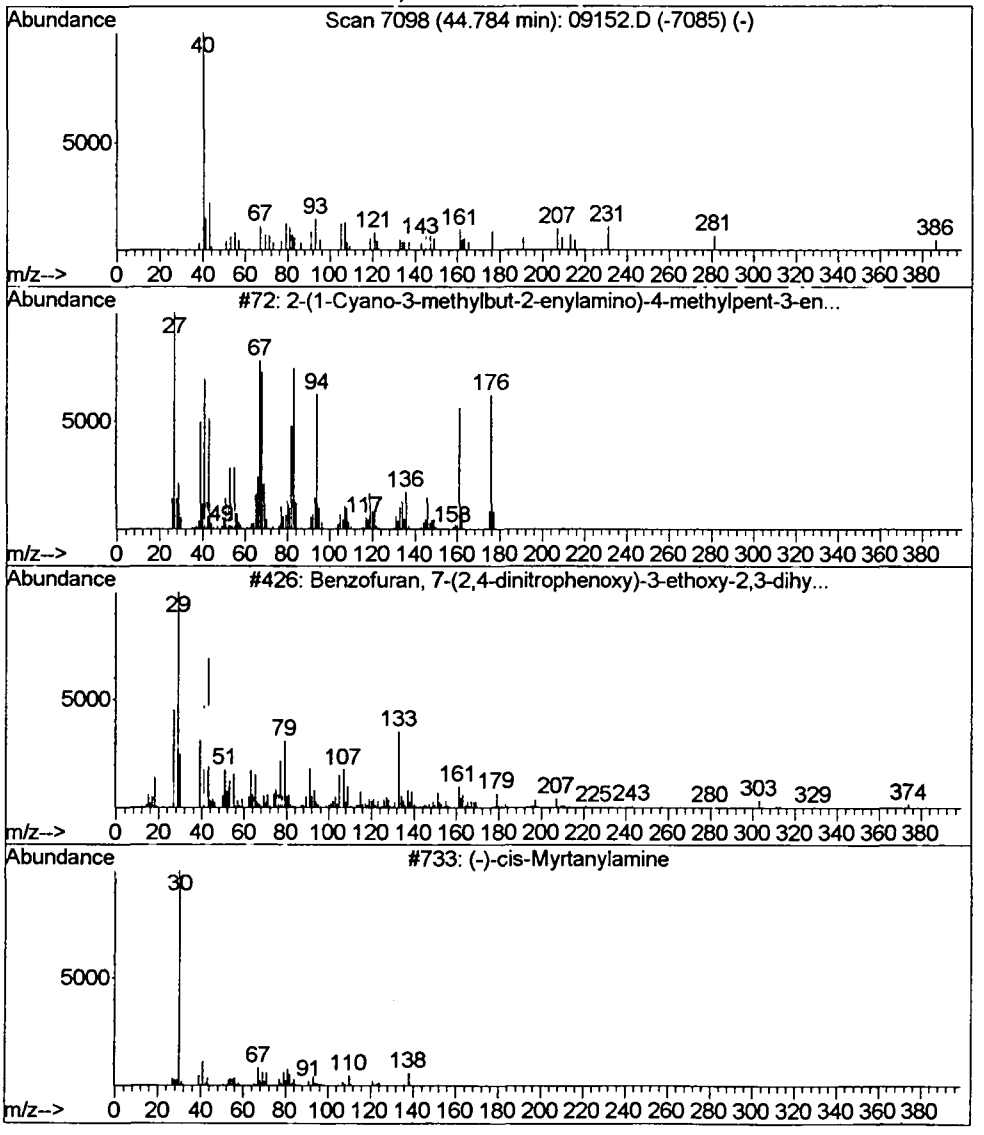
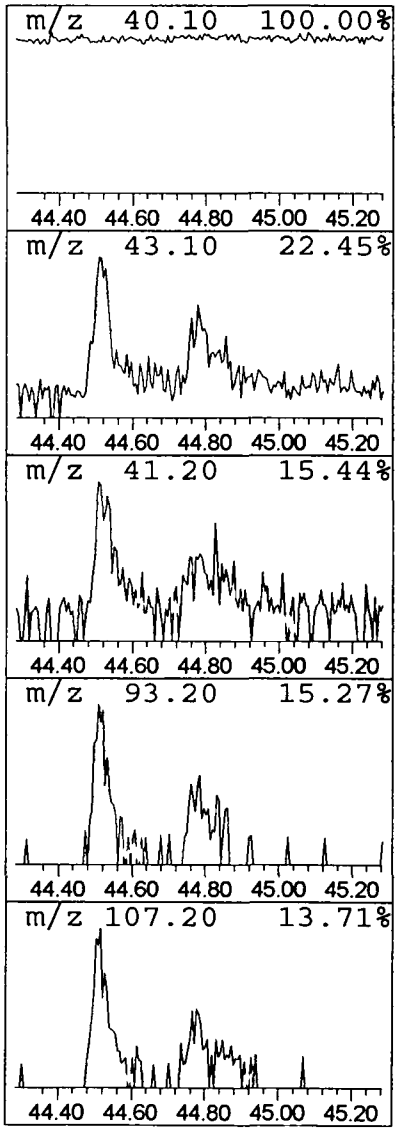
Peak Number 8 2-(1-Cyano-3-methylbut-2-en... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
44.78	0.31 ug/l	395465	Perylene-d12	43.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(1-Cyano-3-methylbut-2-enylami...	203	C12H17N3	1000191-53-7	4
2	Benzofuran, 7-(2,4-dinitrophenox...	374	C18H18N2O7	062059-46-5	4
3	(-)-cis-Myrtanylamine	153	C10H19N	038235-68-6	2
4	Benzeneethanamine, 4-fluoro-	139	C8H10FN	001583-88-6	1





Operator ID: Nefliu Date Acquired: 25 Apr 2002 5:30 am
Data File: C:\MSDCHEM\1\DATA\020424\09152.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
Acetonitrile, dic...	3.65	0.2	ug/l	257588	1	11.38	49466400	40.0
2-Propanone, 1,1,...	6.12	0.8	ug/l	1014300	1	11.38	49466400	40.0
2-Pentanone, 4-hy...	6.16	14.6	ug/l	18076700	1	11.38	49466400	40.0
Cyclopentasiloxan...	15.46	0.7	ug/l	1217790	2	16.54	68569300	40.0
~~Anthracene, 2-met...~~	31.10	0.3	ug/l	606345	4	31.72	76372700	40.0
~~Anthracene-d10~~ Perylene-d12	31.96	0.4	ug/l	849649	4	31.72	76372700	40.0
Bisvertinol	44.52	0.8	ug/l	1000460	6	43.15	51593500	40.0
2-(1-Cyano-3-meth...	44.78	0.3	ug/l	395465	6	43.15	51593500	40.0