

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 05/15/2002 Time: 12:01:49

Sample: AE09767
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 5/15/02 12:01 Ended: 5/15/02 12:01 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		76		10.0

Comments for Sample AE09767 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-15-2002 Time: 12:02:28

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\020507\09767.D Vial: 14
Acq On : 8 May 2002 12:57 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: lscint.e
Quant Time: May 09 09:32:25 2002 Quant Results File: SCAN020507.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Last Update : Thu May 09 09:21:01 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	498640	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1891404	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	1005924	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1731144	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	1394908	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	919722	40.00	ug/l	-0.03
System Monitoring Compounds						
27) TCMX	27.54	207	61251	7.62	ug/l	-0.04
Spiked Amount	10.000		Recovery	=	76.20%	
Target Compounds						
43) Bis(2-ethylhexyl)phthalate	40.52	149	10900	0.36	ug/l	Qvalue 90

(#) = qualifier out of range (m) = manual integration (+) = signals summed
09767.D SCAN020507.M Thu May 09 09:34:40 2002 Page 1

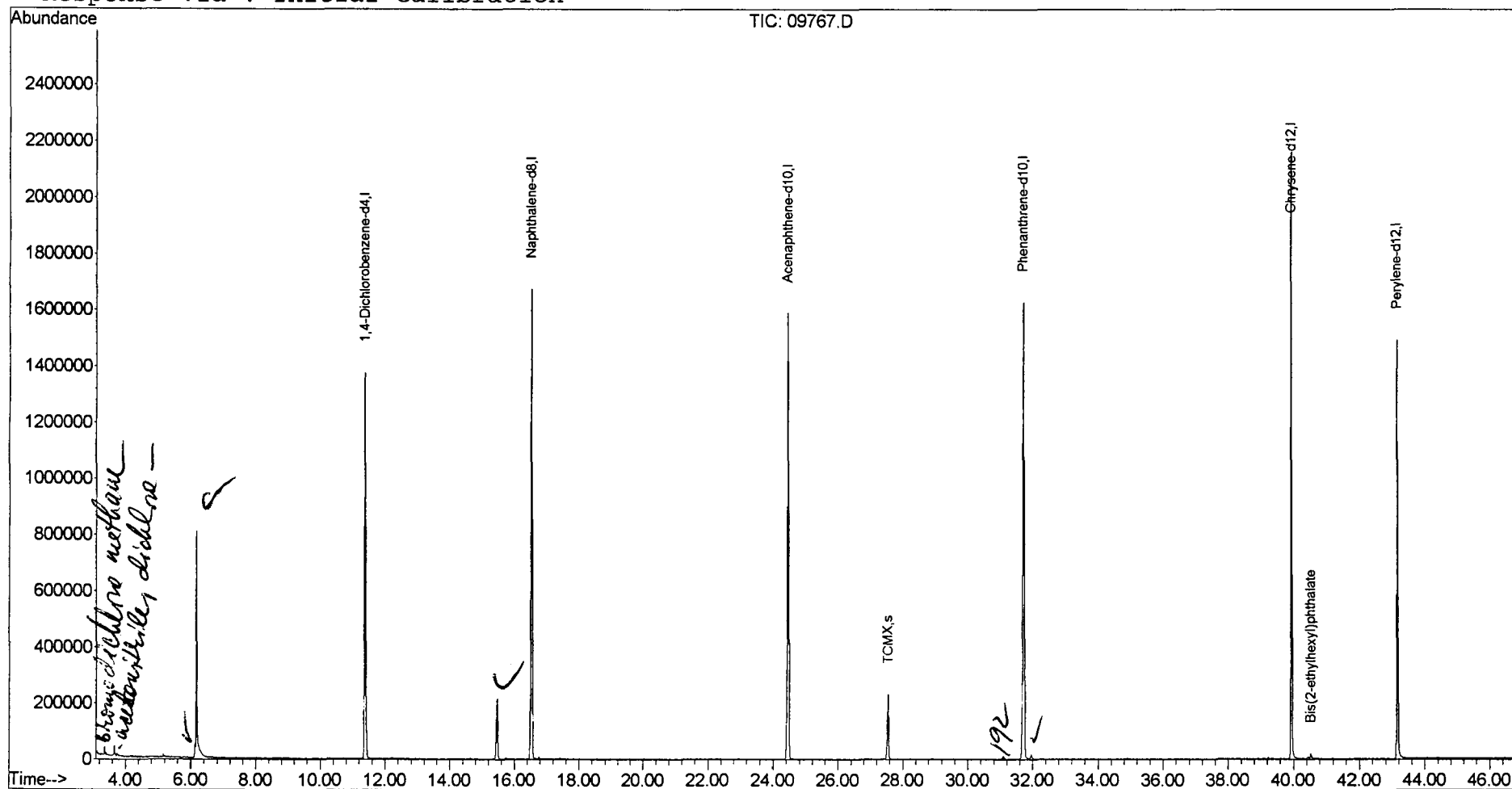
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020507\09767.D
Acq On : 8 May 2002 12:57 am
Sample : sample
Misc :
MS Integration Params: lscint.e
Quant Time: May 9 9:34 2002

Vial: 14
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Results File: SCAN020507.RES

Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Last Update : Thu May 09 09:21:01 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020507\09767.D Vial: 14
 Acq On : 8 May 2002 12:57 am Operator: Nefliu
 Sample : sample Inst : Instrumen
 Misc : Multiplr: 1.00
 MS Integration Params: rteint.e

Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
 Title : Method 508 GC/MS Scan
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 0.7 % 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

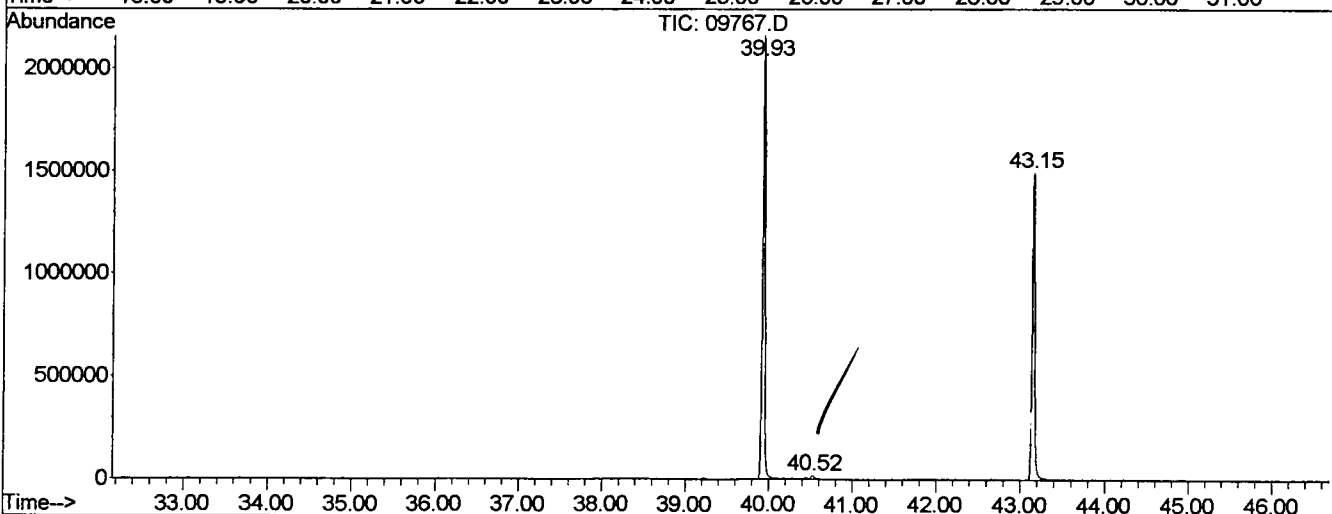
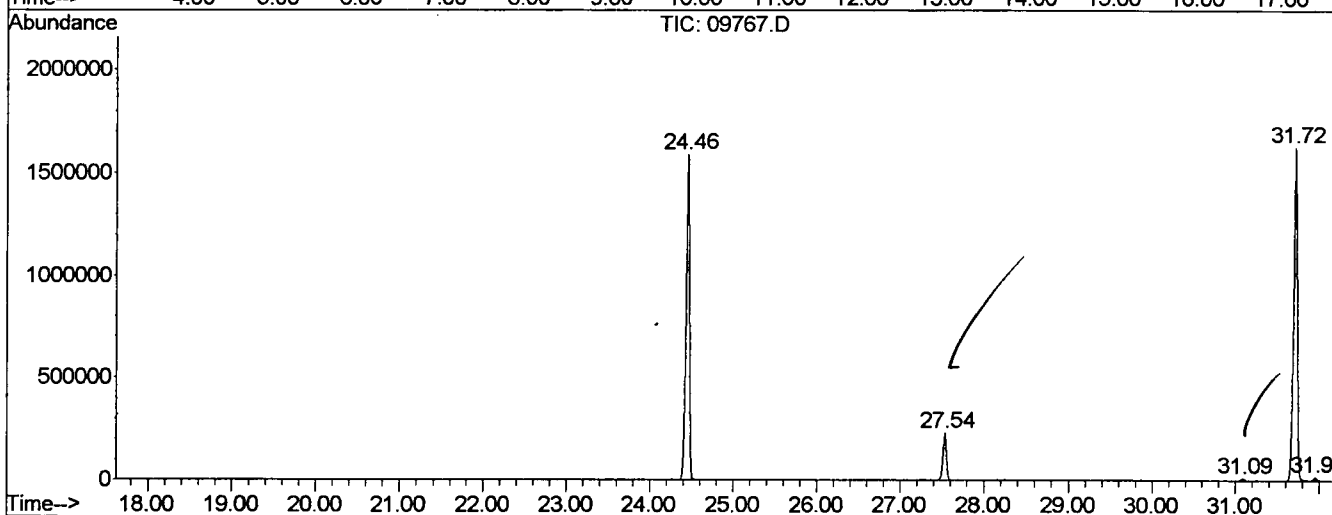
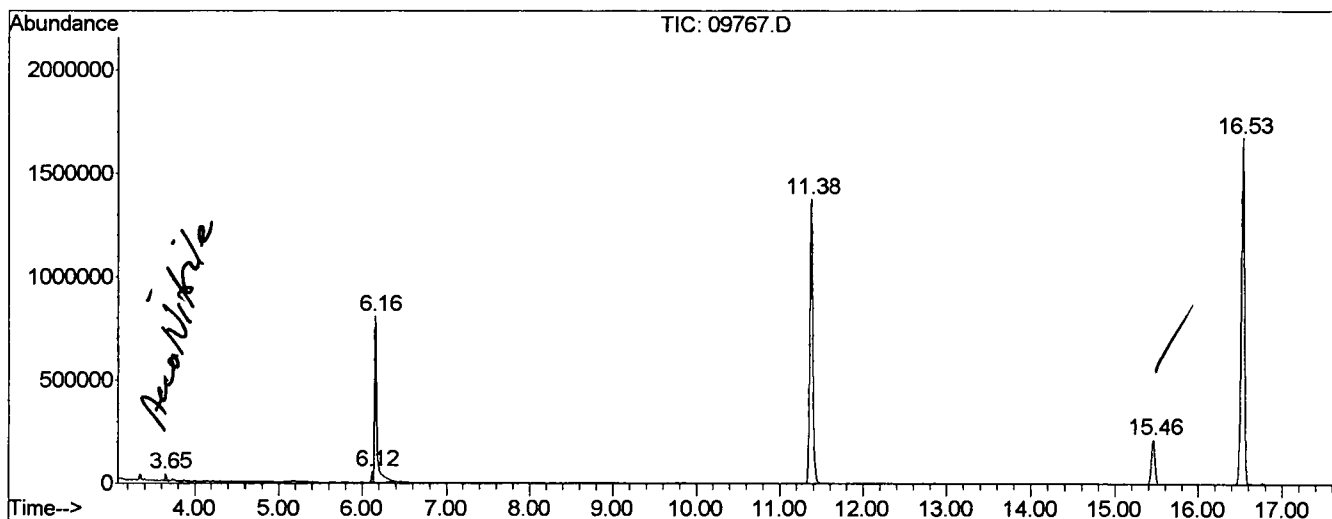
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.649	93	97	108	rVB2	35366	53111	1.10%	0.191%
2	6.123	511	518	520	rBV	55682	84619	1.75%	0.304%
3	6.158	520	524	571	rVB	804532	1587952	32.80%	5.699%
4	11.375	1399	1412	1435	rBV	1376143	3484797	71.99%	12.507%
5	15.459	2095	2107	2120	rVB	215145	606051	12.52%	2.175%
6	16.534	2275	2290	2304	rBV	1673590	4371496	90.31%	15.689%
7	24.460	3617	3639	3650	rBV	1587791	4540612	93.80%	16.296%
8	27.539	4146	4163	4173	rBV2	231432	653482	13.50%	2.345%
9	31.088	4756	4767	4775	rBV3	12946	39648	0.82%	0.142%
10	31.717	4855	4874	4892	rBV2	1625827	4840665	100.00%	17.373%
11	31.958	4906	4915	4925	rVB3	15993	39417	0.81%	0.141%
12	39.931	6259	6272	6292	rBV2	2158323	4288633	88.60%	15.392%
13	40.518	6366	6372	6383	rVV4	16426	42178	0.87%	0.151%
14	43.151	6809	6820	6843	rBV2	1492389	3230868	66.74%	11.595%

Sum of corrected areas: 27863529

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020507\09767.D
 Operator : Nefliu
 Acquired : 8 May 2002 12:57 am using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 14
 Quant File :SCAN020507.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020507\09767.D
 Acq On : 8 May 2002 12:57 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

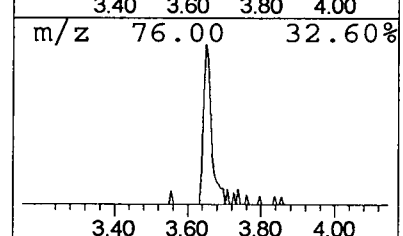
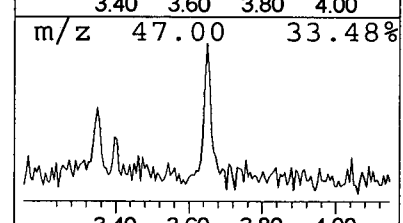
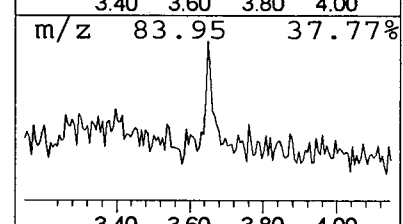
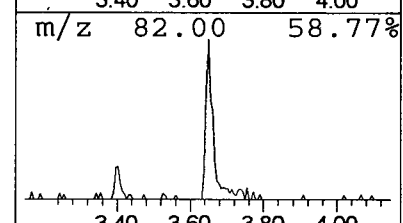
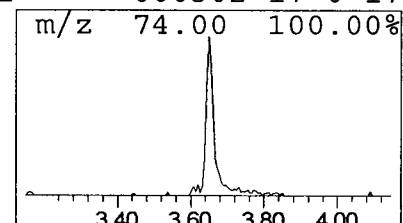
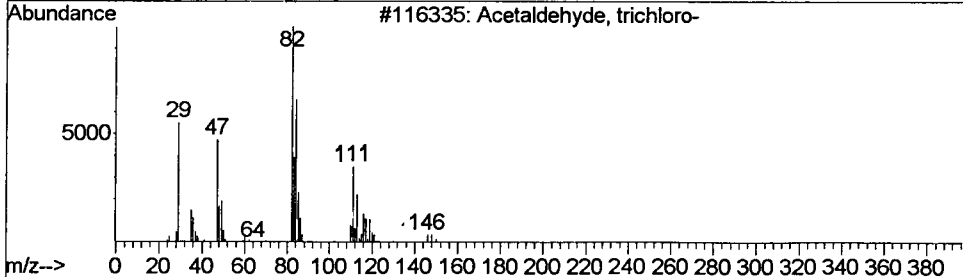
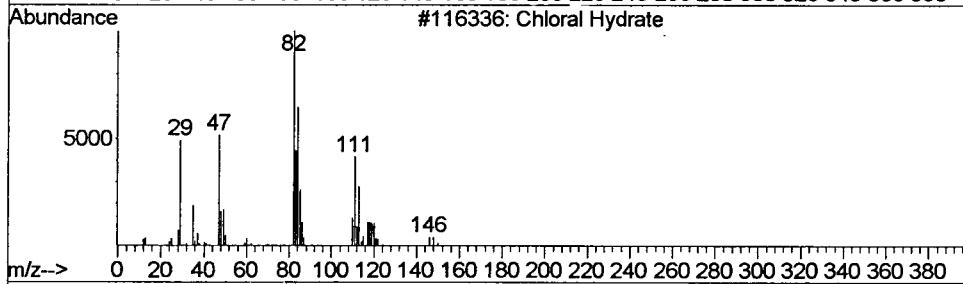
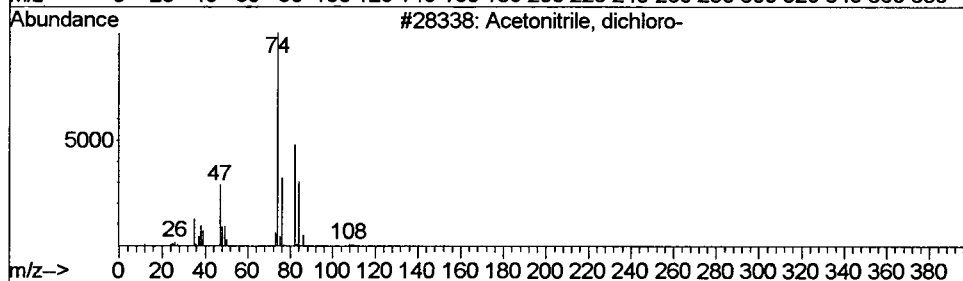
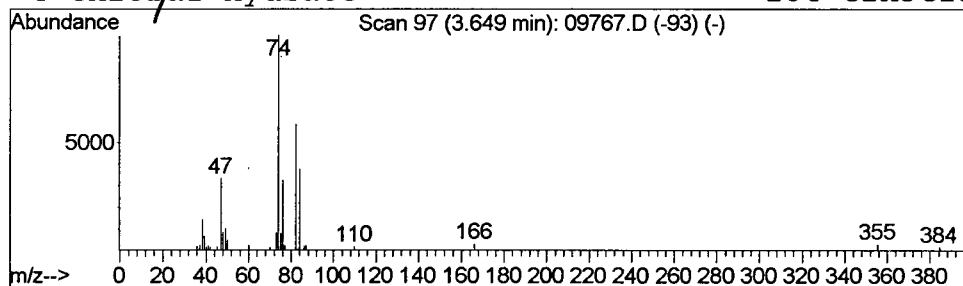
Vial: 14
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
 Title : Method 508 GC/MS Scan
 Library : C:\DATABASE\nist98.1

 Peak Number 1 Acetonitrile, dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.65	0.61 ug/l	53111	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		Chloral Hydrate	164	C2H3Cl3O2	000302-17-0	35
3		Acetaldehyde, trichloro-	146	C2HCl3O	000075-87-6	25
4		Chloral Hydrate	164	C2H3Cl3O2	000302-17-0	17



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Misc :
MS Integration Params: rteint.e

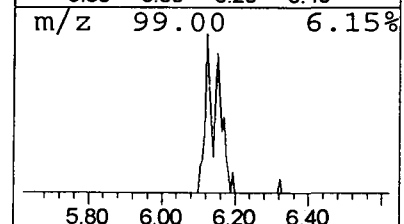
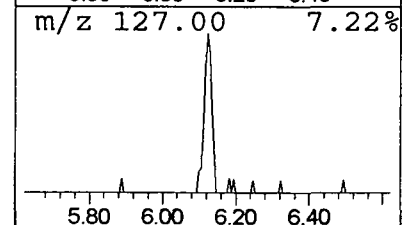
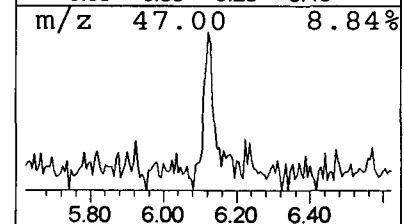
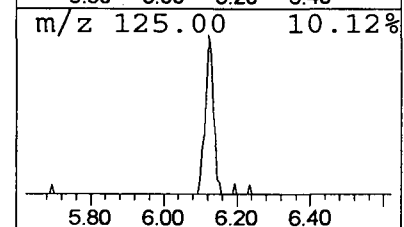
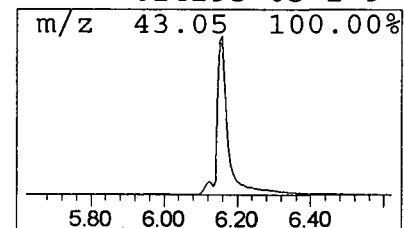
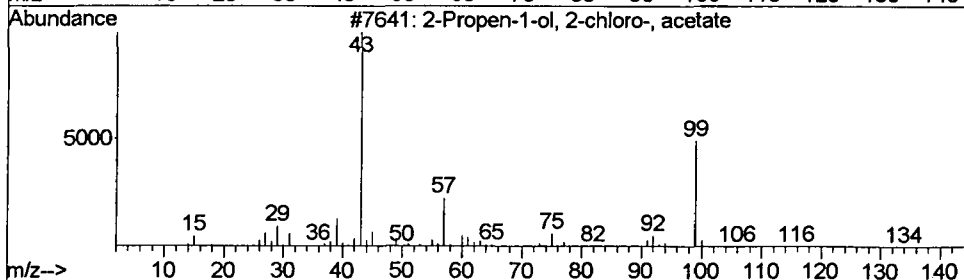
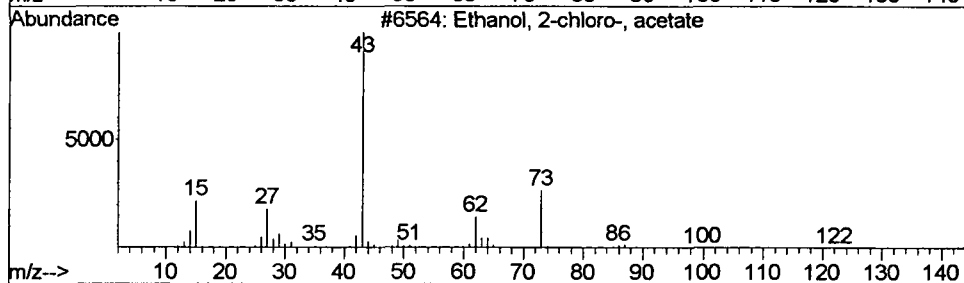
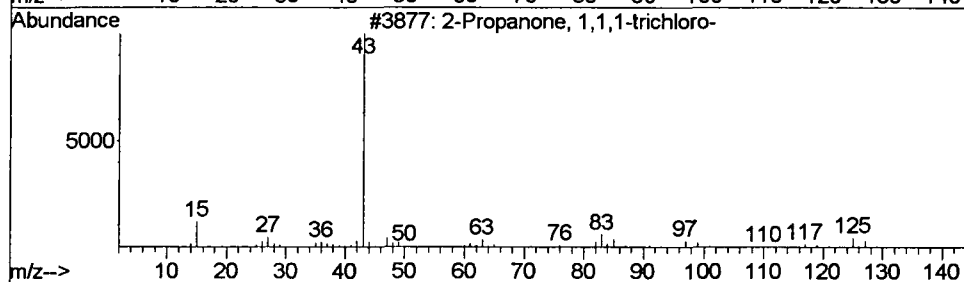
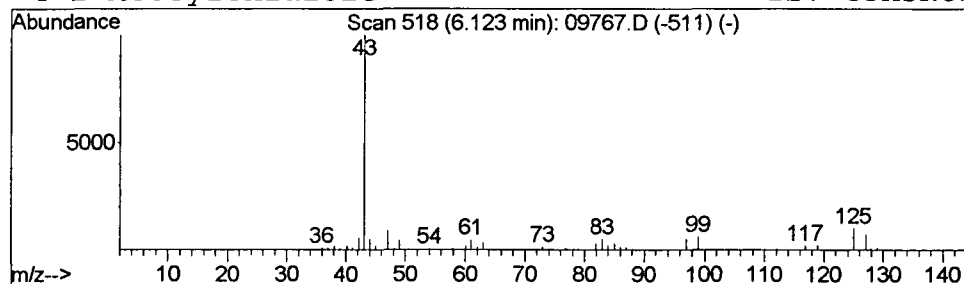
Vial: 14
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.1

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	0.97 ug/l	84619	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	37
2			Ethanol, 2-chloro-, acetate	122	C4H7ClO2	000542-58-5	17
3			2-Propen-1-ol, 2-chloro-, acetate	134	C5H7ClO2	000692-72-8	17
4			2-Acetylthiazole	127	C5H5NOS	024295-03-2	9



Library Search Compound Report

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Acq On : 8 May 2002 12:57 am
Sample : sample
Misc :
MS Integration Params: rteint.e

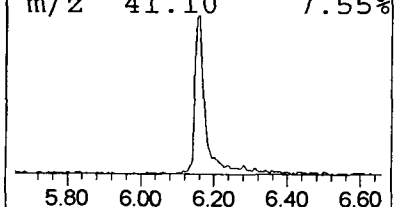
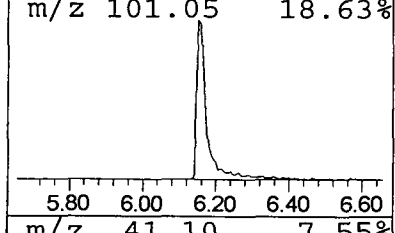
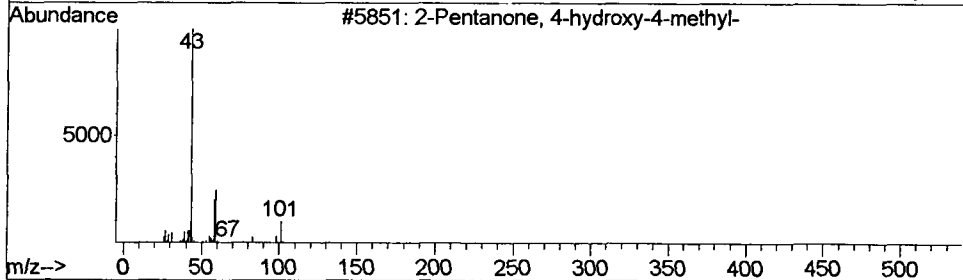
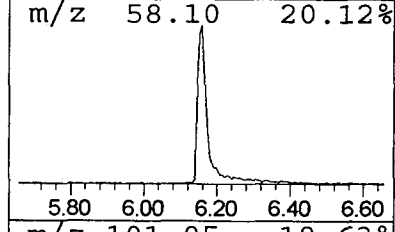
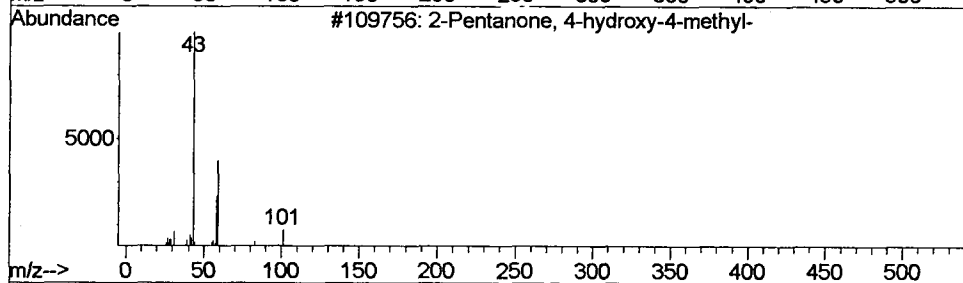
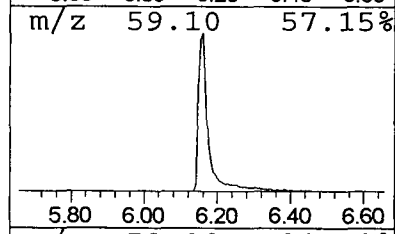
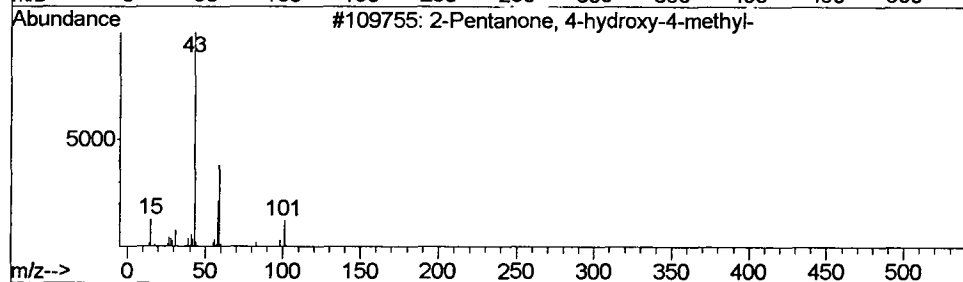
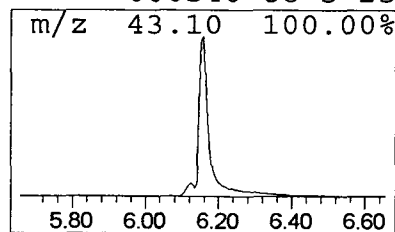
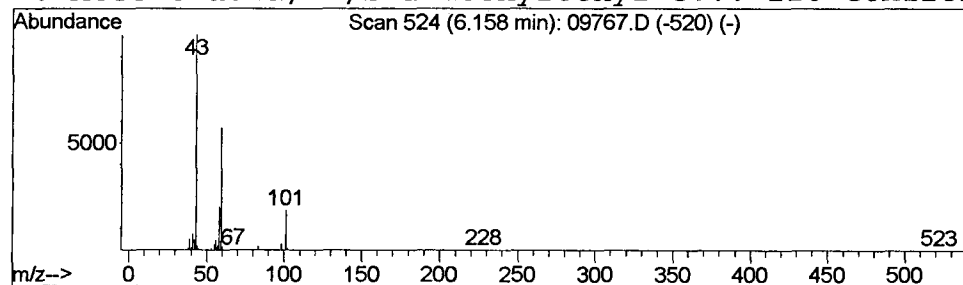
Vial: 14
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.1

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	18.23 ug/l	1587950	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	64
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
3			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
4			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25



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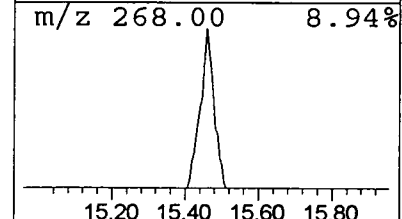
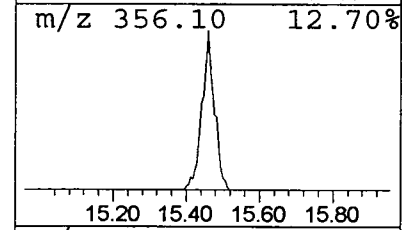
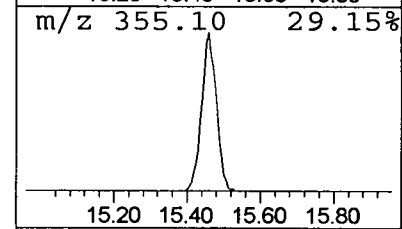
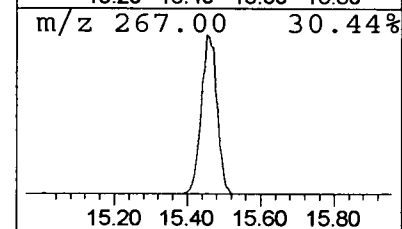
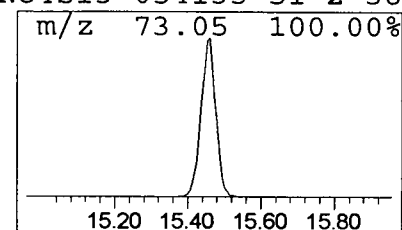
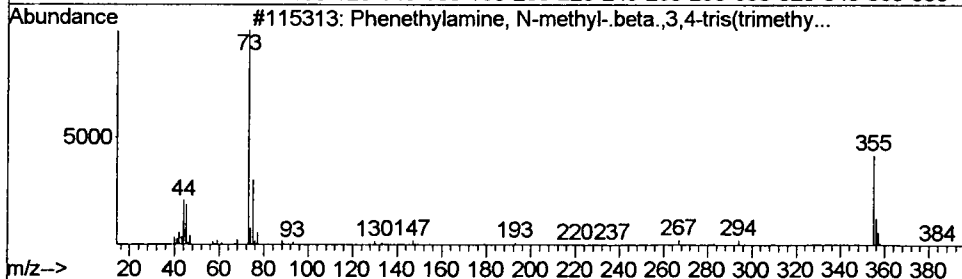
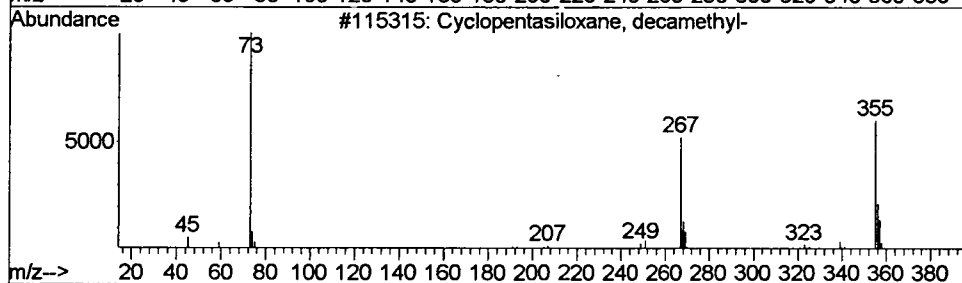
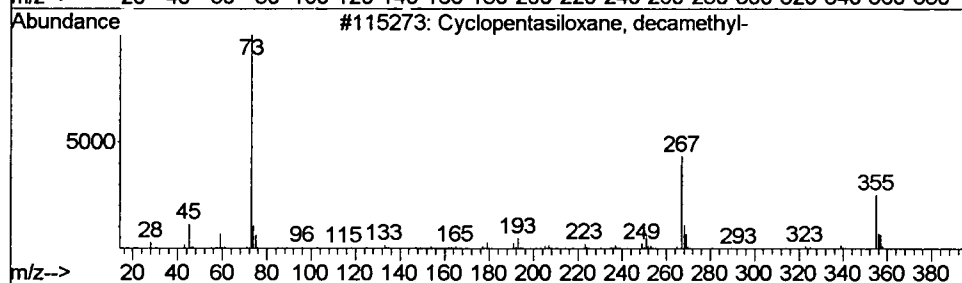
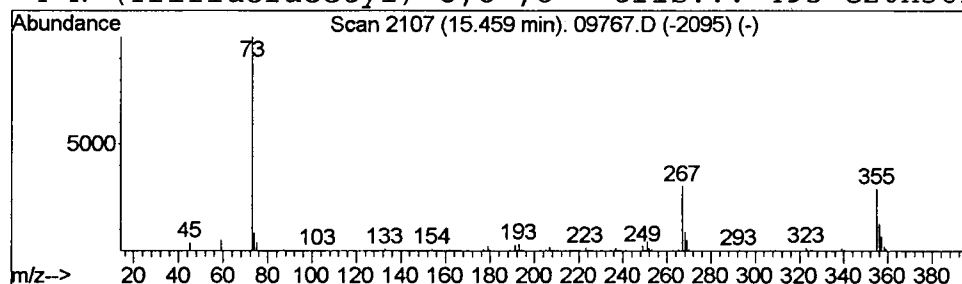
Vial: 14
 Operator: Nefliu
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Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
 Title : Method 508 GC/MS Scan
 Library : C:\DATABASE\nist98.1

 Peak Number 4 Cyclopentasiloxane, decamet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	5.55 ug/l	606051	Naphthalene-d8	16.53

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			Phenethylamine, N-methyl-.beta.,...	399	C18H37NO3Si3	010538-85-9	40
4			N-(Trifluoroacetyl)-O,O',O''-tris...	495	C20H36F3NO4Si3	054135-51-2	38



Library Search Compound Report

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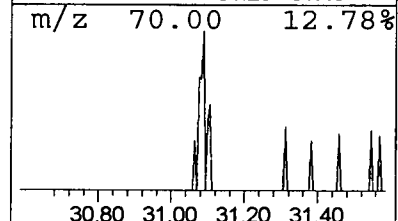
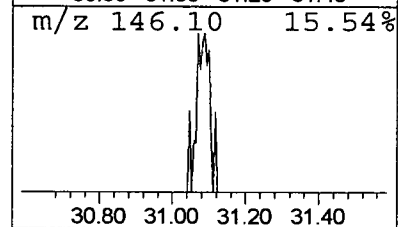
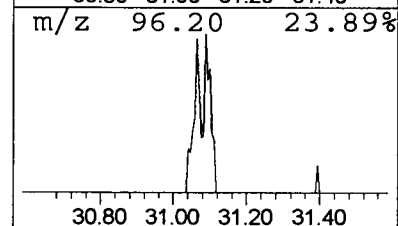
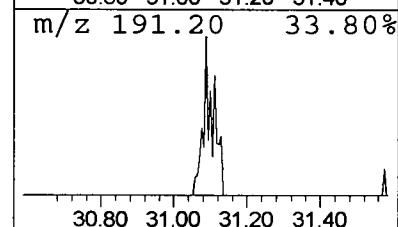
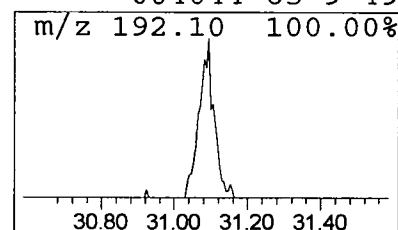
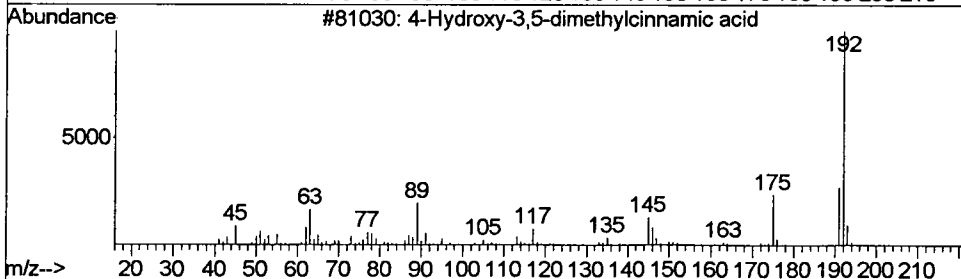
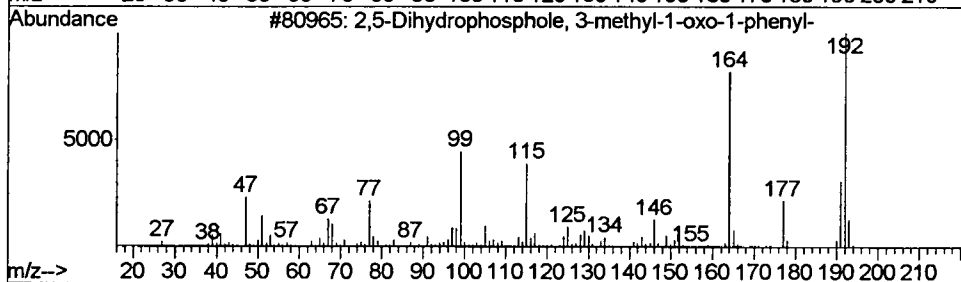
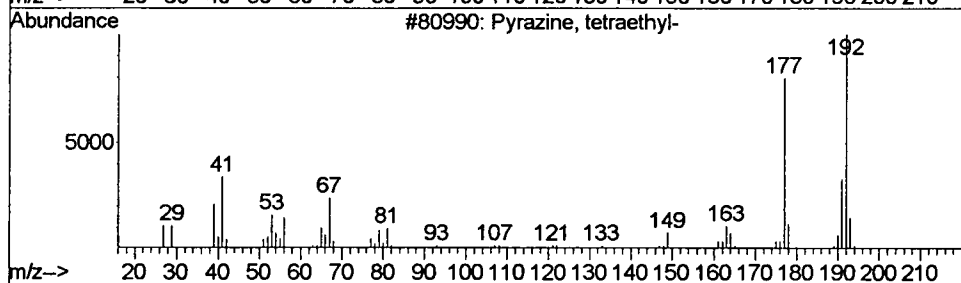
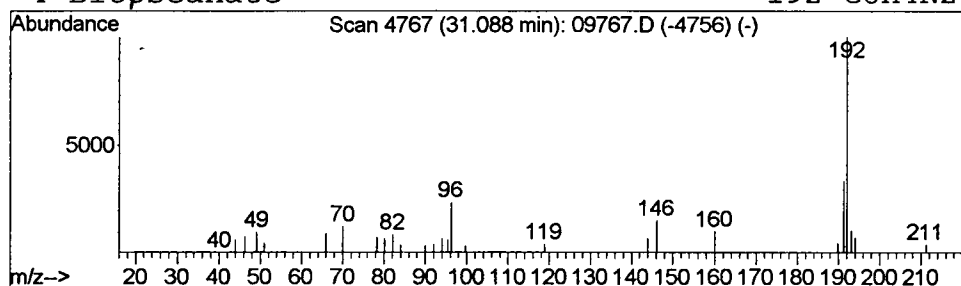
Vial: 14
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

Peak Number 5 Pyrazine, tetraethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.33 ug/l	39648	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrazine, tetraethyl-	192	C12H20N2	038325-19-8	50
2		2,5-Dihydrophosphole, 3-methyl-1...	192	C11H13OP	1000196-97-5	50
3		4-Hydroxy-3,5-dimethylcinnamic acid	192	C11H12O3	1000132-15-8	50
4		Bitoscanate	192	C8H4N2S2	004044-65-9	49



Library Search Compound Report

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Acq On : 8 May 2002 12:57 am
Sample : sample
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MS Integration Params: rteint.e

Vial: 14
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

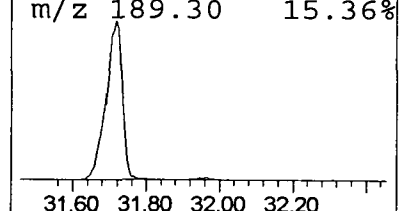
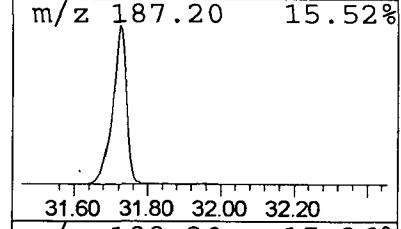
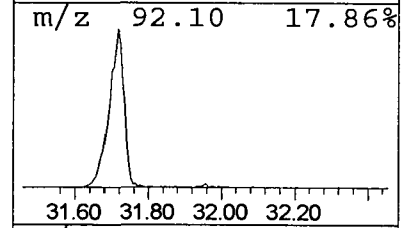
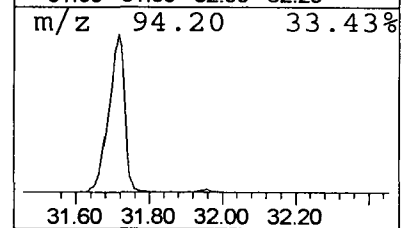
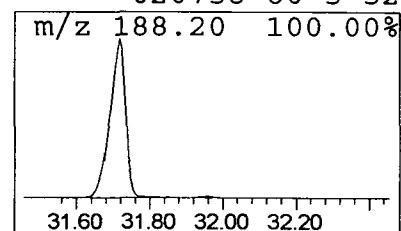
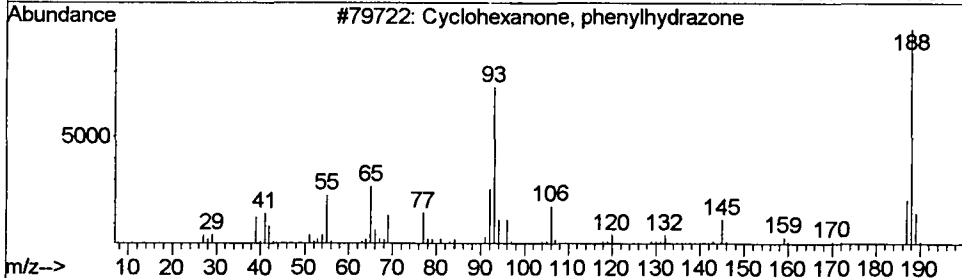
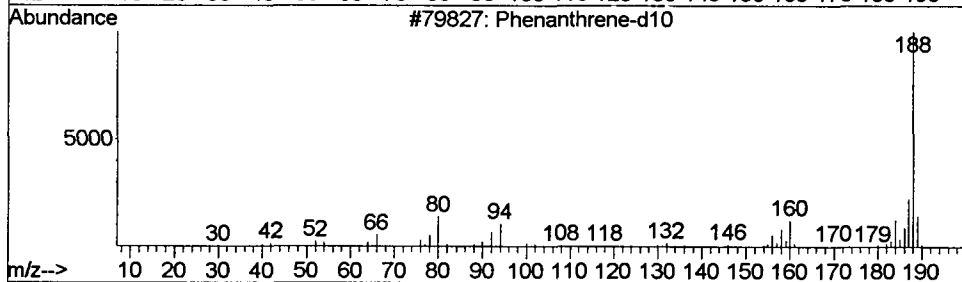
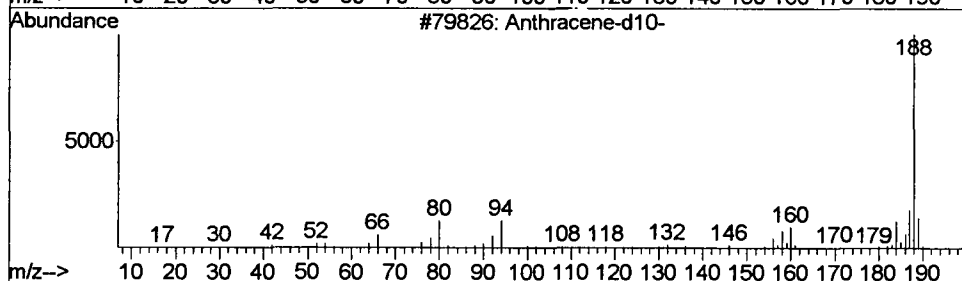
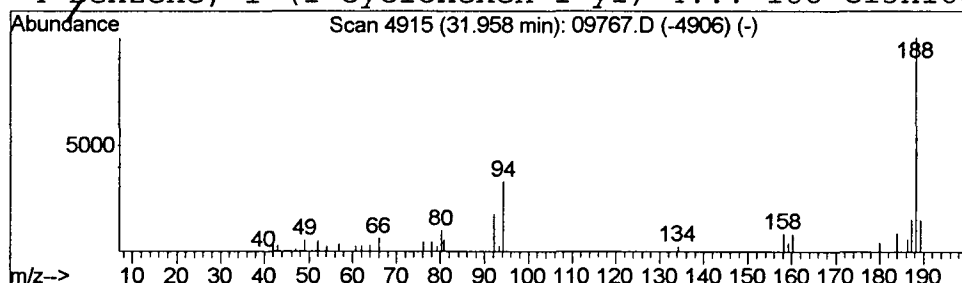
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.1

Peak Number 6 Anthracene-d10- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.33 ug/l	39417	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
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✓ 1			Anthracene-d10-	188	C14D10	001719-06-8	83
2			Phenanthrene-d10	188	C14D10	001517-22-2	74
3			Cyclohexanone, phenylhydrazone	188	C12H16N2	000946-82-7	53
4			Benzene, 1-(1-cyclohexen-1-yl)-4...	188	C13H16O	020758-60-5	52



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 8 May 2002 12:57 am
 Data File: C:\MSDCHEM\1\DATA\020507\09767.D
 Name: sample
 Misc:
 Method: C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
 Title: Method 508 GC/MS Scan
 Library Searched: C:\DATABASE\nist98.1

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
✓ Acetonitrile, dic...	3.65	0.6	ug/l	53111	1	11.38	3484800	40.0
2-Propanone, 1,1,...	6.12	1.0	ug/l	84619	1	11.38	3484800	40.0
✓ 2-Pentanone, 4-hy...	6.16	18.2	ug/l	1587950	1	11.38	3484800	40.0
✓ Cyclopentasiloxan...	15.46	5.5	ug/l	606051	2	16.53	4371500	40.0
Pyrazine, tetraet...	31.09	0.3	ug/l	39648	4	31.72	4840670	40.0
Anthracene-dio-	31.96	0.3	ug/l	39417	4	31.72	4840670	40.0
<i>Phenanthrene-dio.</i>								