

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 05/20/2002 Time: 14:01:20

Sample: AE10705
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 5/20/02 14:00 Ended: 5/20/02 14:00 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		81		10.0

Comments for Sample AE10705 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-20-2002 Time: 14:01:39

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

Data File : C:\MSDCHEM\1\DATA\020513\10705.D
 Acq On : 14 May 2002 3:23 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e
 Quant Time: May 15 09:01:33 2002

Vial: 16
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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	511570	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1908335	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	1010044	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1755123	40.00	ug/l	-0.02
38) Chrysene-d12	39.94	240	1434346	40.00	ug/l	-0.05
44) Perylene-d12	43.16	264	892719	40.00	ug/l	-0.02

System Monitoring Compounds

27) TCMX	27.54	207	65698	8.14	ug/l	-0.03
Spiked Amount	10.000		Recovery	=	81.40%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
35) Di-n-butylphthalate	34.81	149	13090	0.23	ug/l	96
43) Bis(2-ethylhexyl)phthalate	40.52	149	5142	0.17	ug/l	83

 (#) = qualifier out of range (m) = manual integration (+) = signals summed
 10705.D SCAN020507.M Wed May 15 09:03:04 2002 Page 1

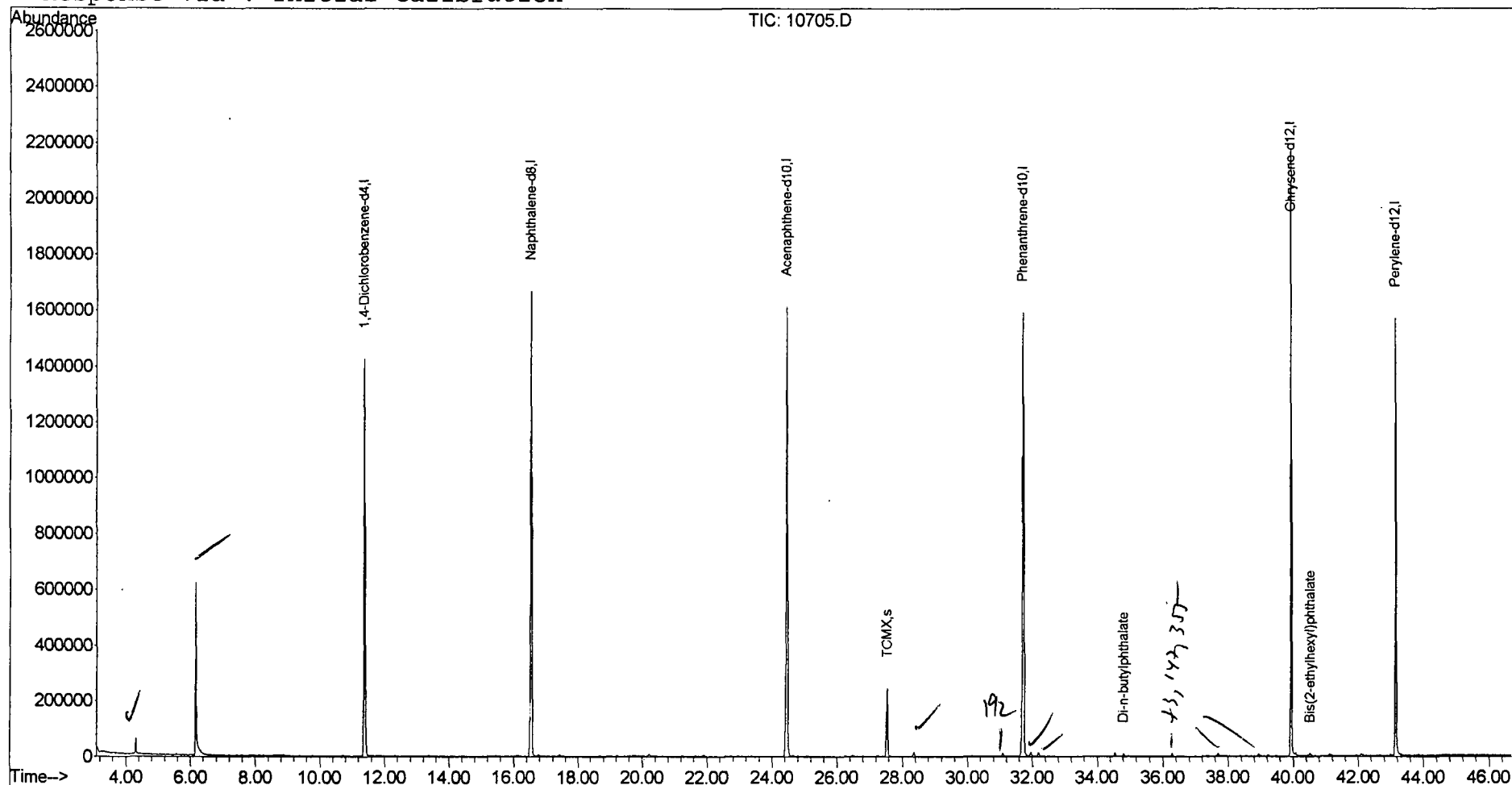
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020513\10705.D
 Acq On : 14 May 2002 3:23 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e
 Quant Time: May 15 9:02 2002

Vial: 16
 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



Data File : C:\MSDCHEM\1\DATA\020513\10705.D

Vial: 16

Acq On : 14 May 2002 3:23 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

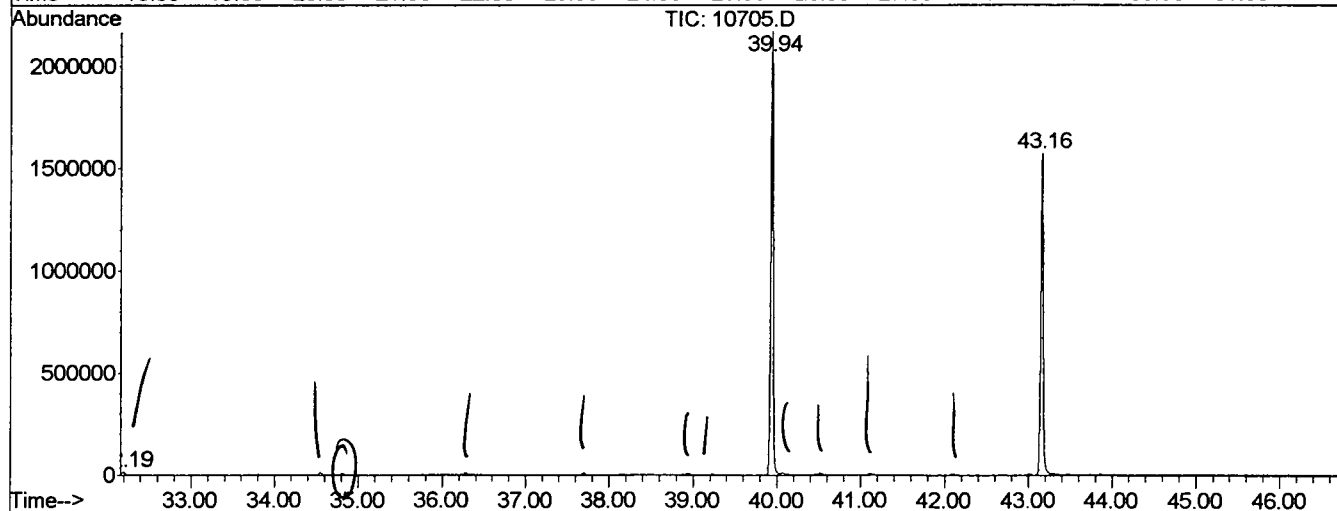
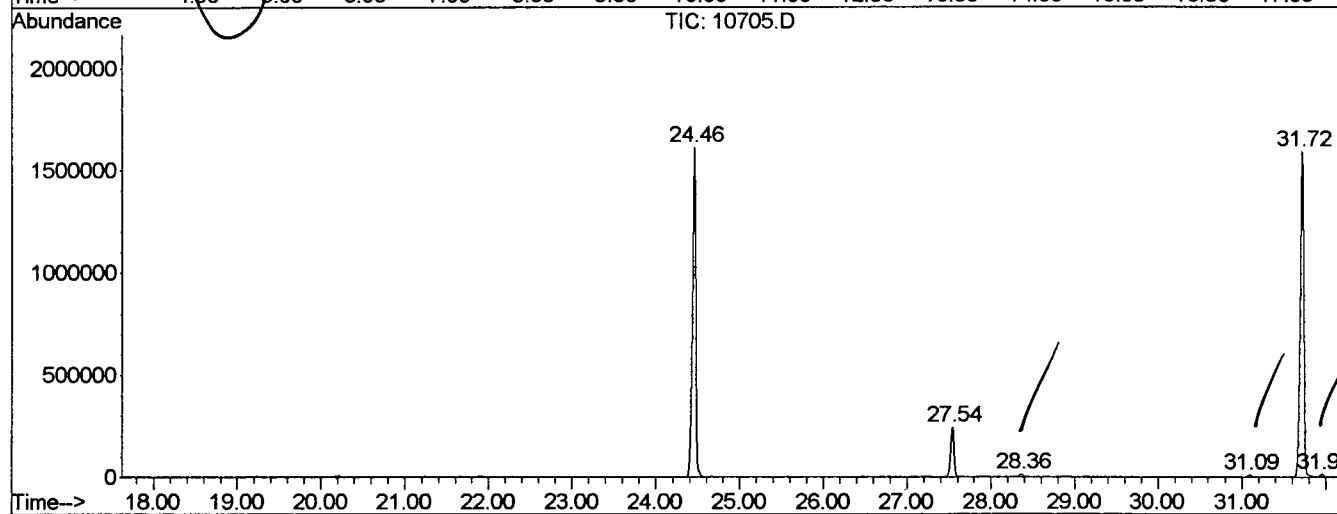
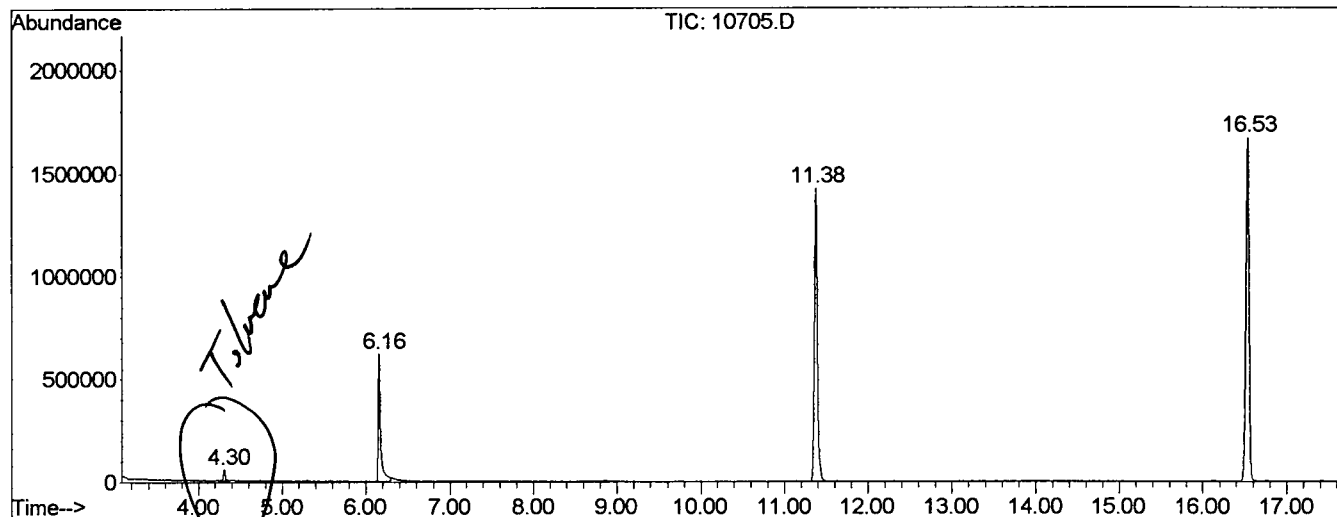
If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.301	203	208	219	rVB	54405	83184	1.69%	0.306%
2	6.158	518	524	547	rBV	618925	1198084	24.33%	4.406%
3	11.375	1399	1412	1431	rBV	1425913	3550814	72.11%	13.060%
4	16.534	2272	2290	2309	rBV	1669207	4437859	90.12%	16.322%
5	24.460	3618	3639	3658	rBV	1612445	4631510	94.05%	17.034%
6	27.539	4145	4163	4177	rBV3	245804	694413	14.10%	2.554%
7	28.362	4291	4303	4315	rVB5	16457	49205	1.00%	0.181%
8	31.088	4755	4767	4779	rVB6	12852	40391	0.82%	0.149%
9	31.717	4852	4874	4899	rBV3	1590423	4924446	100.00%	18.112%
10	31.958	4908	4915	4927	rVB5	15147	46394	0.94%	0.171%
11	32.193	4942	4955	4966	rVB4	15288	46064	0.94%	0.169%
12	39.937	6261	6273	6291	rBV2	2166700	4351694	88.37%	16.005%
13	43.156	6810	6821	6839	rBV2	1570135	3135041	63.66%	11.531%

Sum of corrected areas: 27189099

File : C:\MSDCHEM\1\DATA\020513\10705.D
 Operator : Nefliu
 Acquired : 14 May 2002 3:23 am using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 16
 Quant File :SCAN020507.RES (RTE Integrator)



Data File : C:\MSDCHEM\1\DATA\020513\10705.D
Acq On : 14 May 2002 3:23 am
Sample : sample
Misc :
MS Integration Params: rteint.e

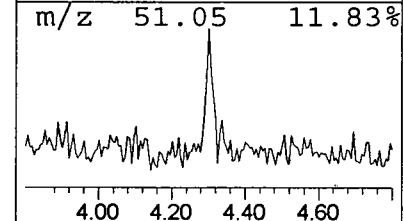
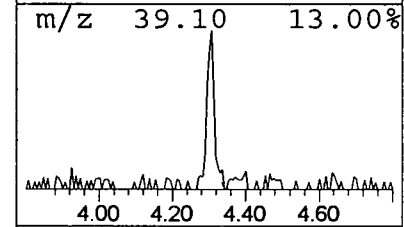
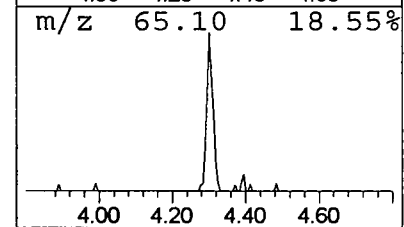
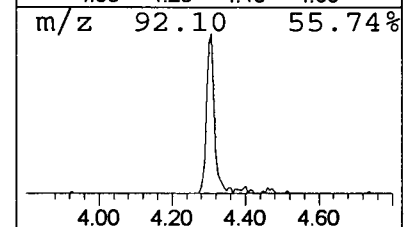
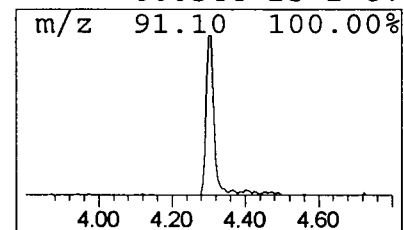
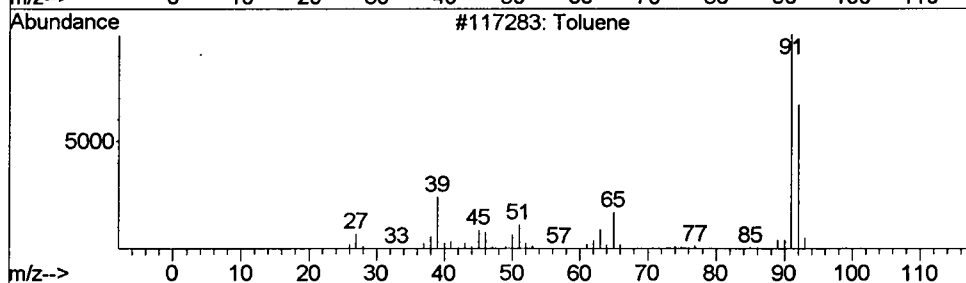
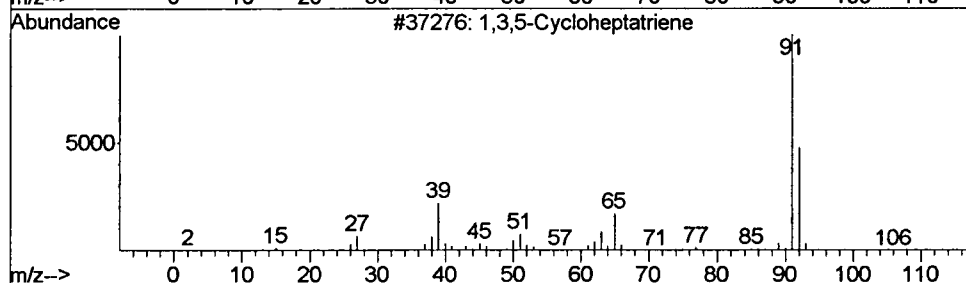
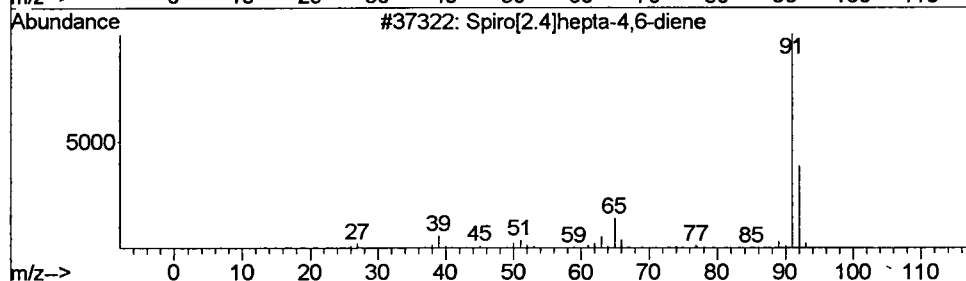
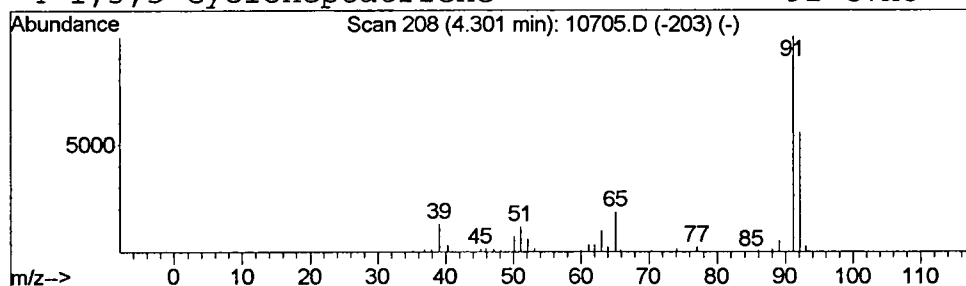
Vial: 16
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 1 Spiro[2.4]hepta-4,6-diene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.30	0.94 ug/l	83184	1,4-Dichlorobenzene-d4	11.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Spiro[2.4]hepta-4,6-diene	92	C7H8	000765-46-8	91
2			1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	91
3			Toluene	92	C7H8	000108-88-3	91
4			1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	87



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Acq On : 14 May 2002 3:23 am
Sample : sample
Misc :
MS Integration Params: rteint.e

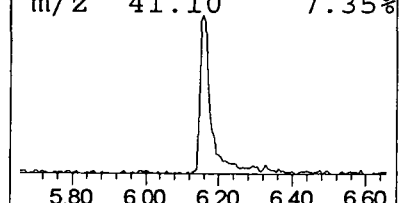
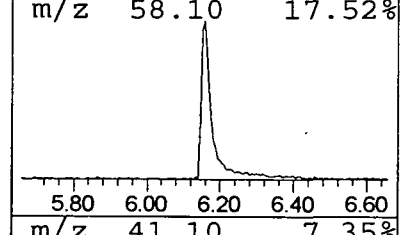
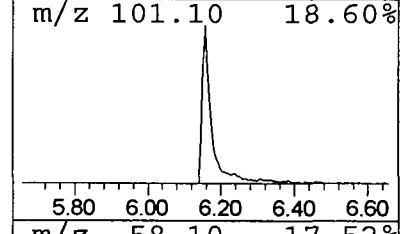
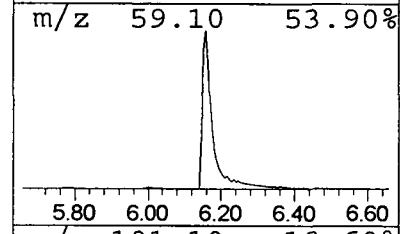
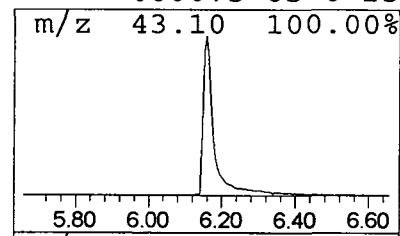
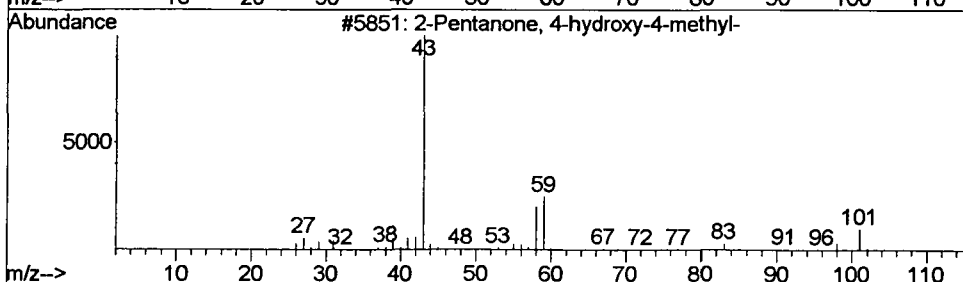
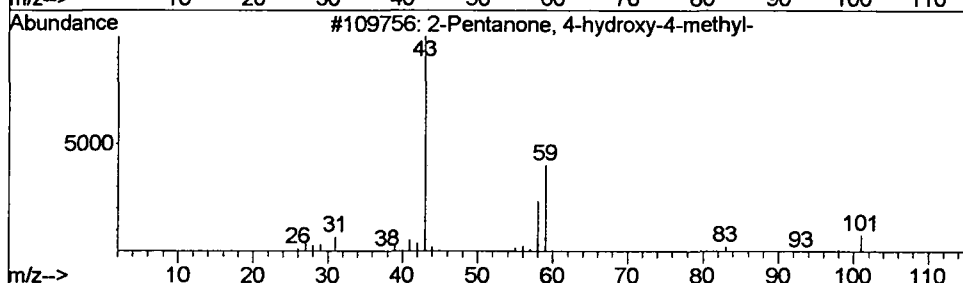
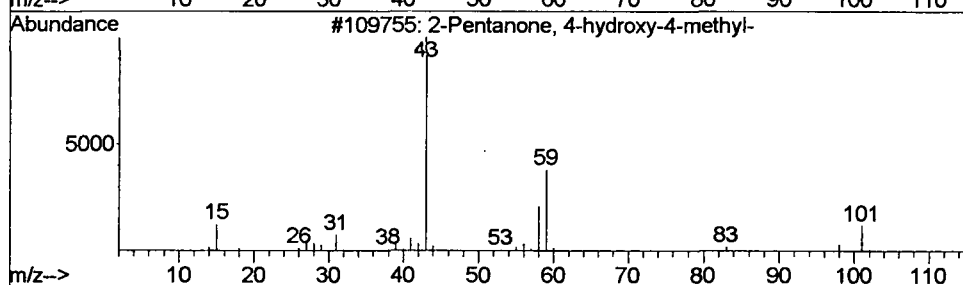
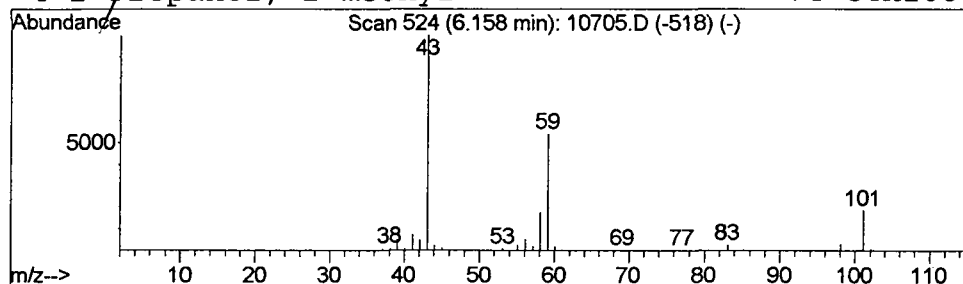
Vial: 16
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	13.50 ug/l	1198080	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	59
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	43
4			2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	25



Data File : C:\MSDCHEM\1\DATA\020513\10705.D

Acq On : 14 May 2002 3:23 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 16

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)

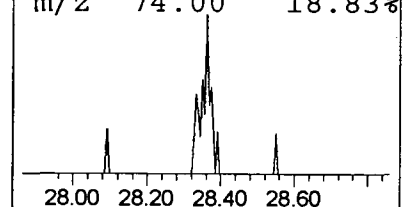
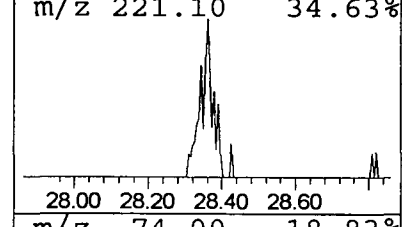
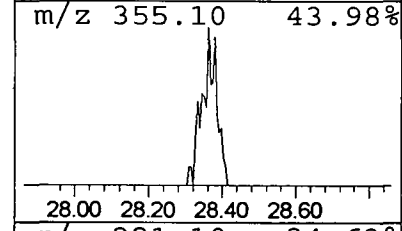
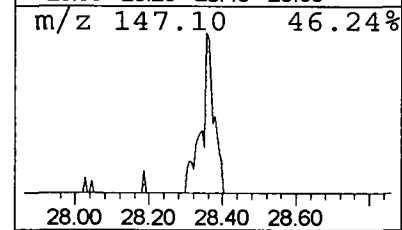
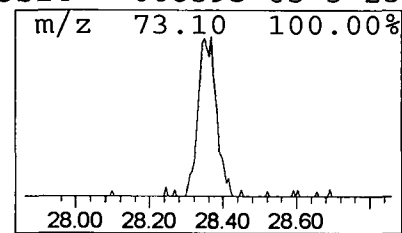
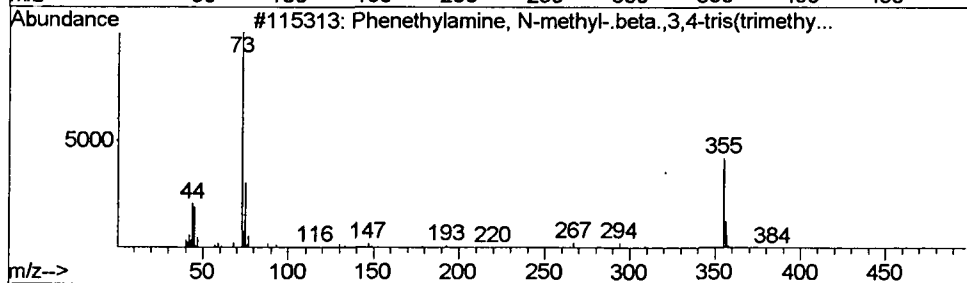
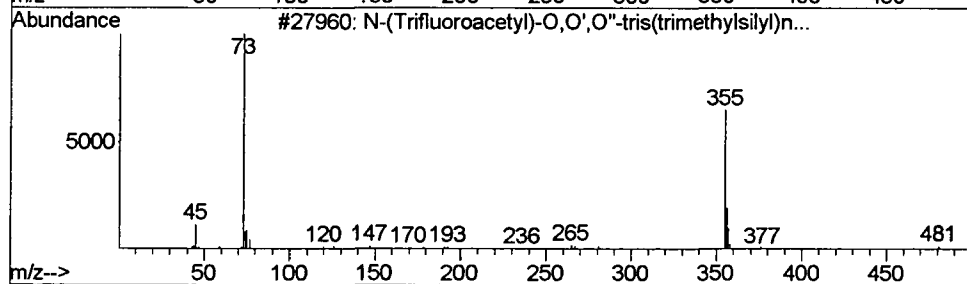
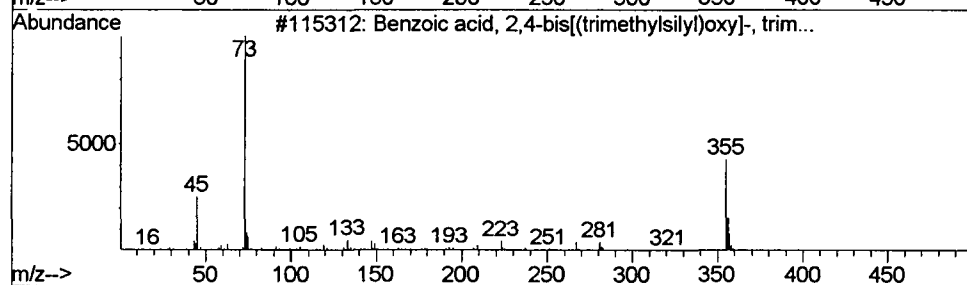
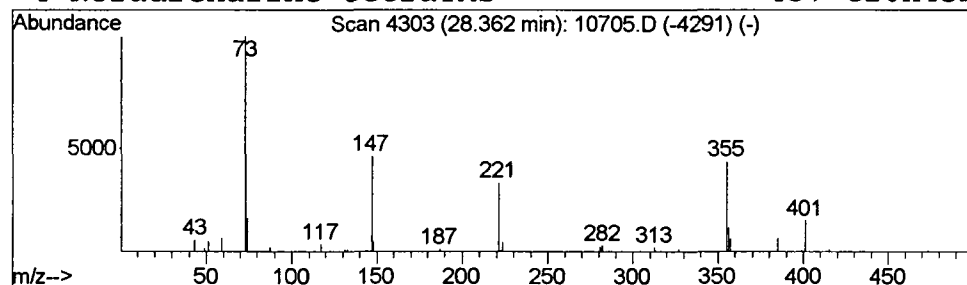
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.1

Peak Number 3 Benzoic acid, 2,4-bis[(trim... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.36	0.40 ug/l	49205	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzoic acid, 2,4-bis[(trimethyl...	370	C16H30O4Si3	010586-16-0	32
2			N-(Trifluoroacetyl)-O,O',O''-tri...	481	C19H34F3NO4Si3	1000072-26-3	23
3			Phenethylamine, N-methyl-.beta.,...	399	C18H37NO3Si3	010538-85-9	23
4			Noradrenaline tetraTMS	457	C20H43NO3Si4	068595-65-3	23



Data File : C:\MSDCHEM\1\DATA\020513\10705.D
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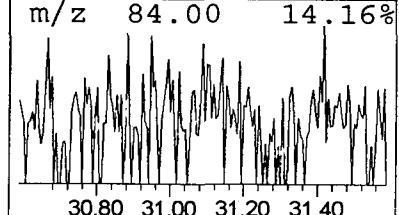
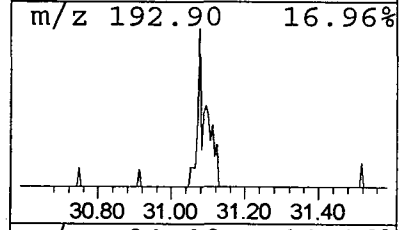
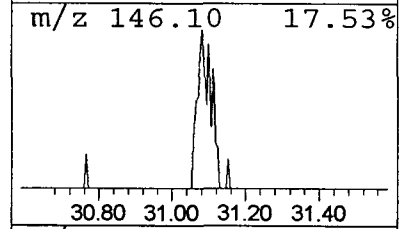
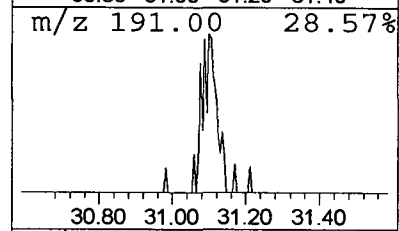
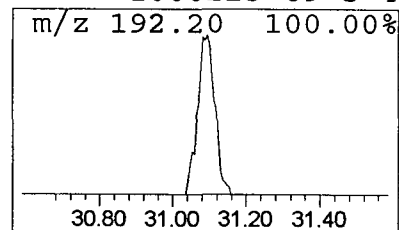
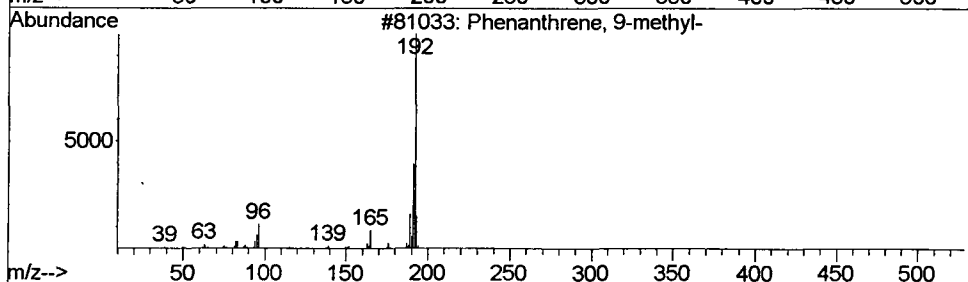
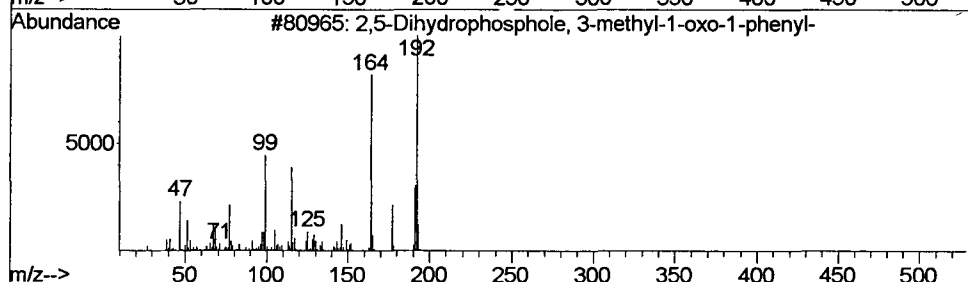
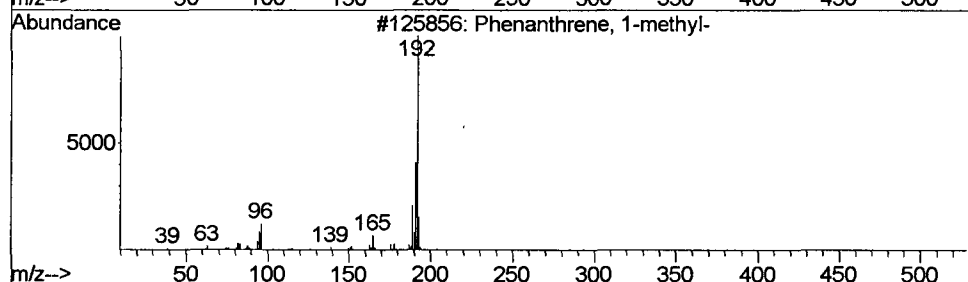
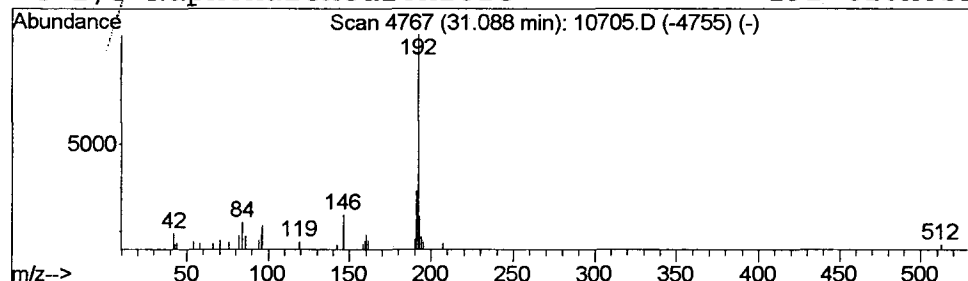
Vial: 16
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.33 ug/l	40391	Phenanthrene-d10	31.72

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	53
2		2,5-Dihydrophosphole, 3-methyl-1...	192	C11H13OP	1000196-97-5	53
3		Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	53
4		1,5-Naphthalenedithiole	192	C10H8S2	1000223-69-5	49



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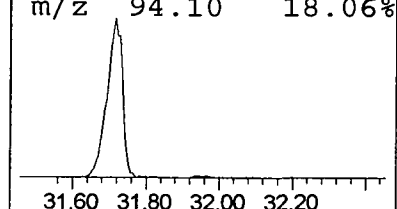
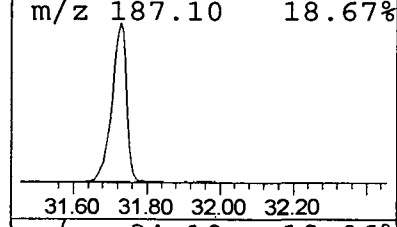
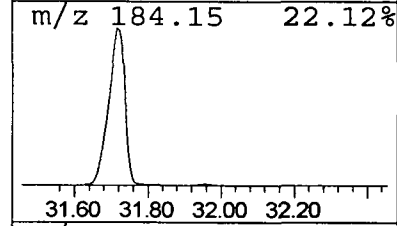
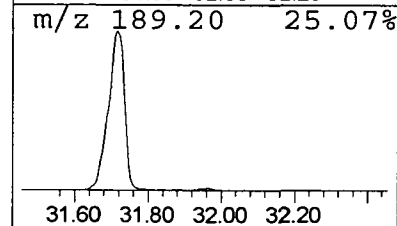
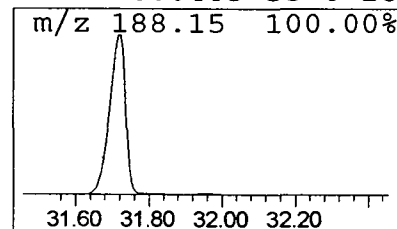
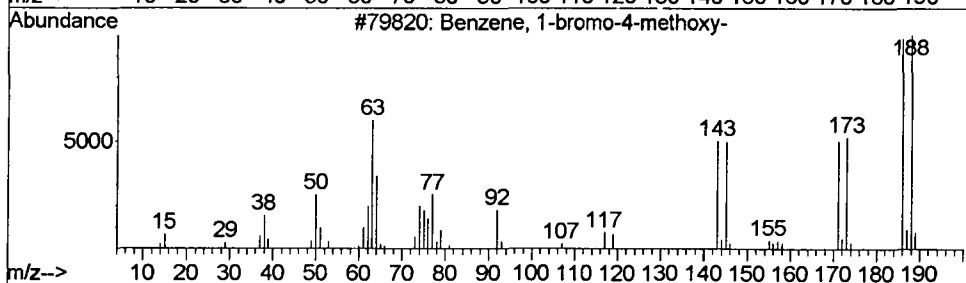
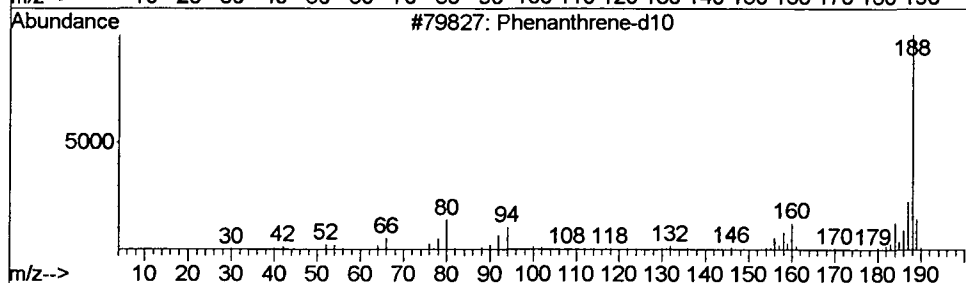
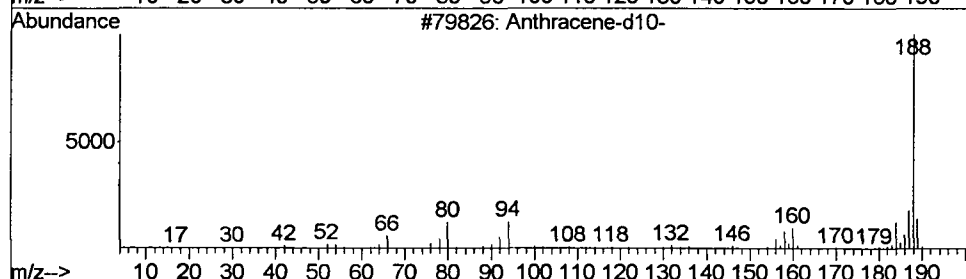
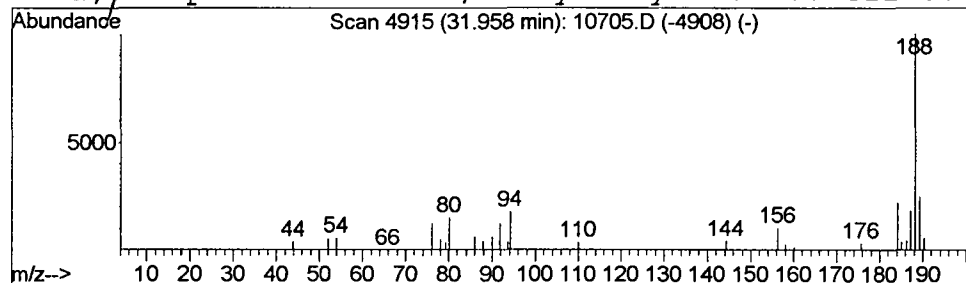
Vial: 16
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Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
 Title : Method 508 GC/MS Scan
 Library : C:\DATABASE\nist98.l

 Peak Number 5 Anthracene-d10- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.38 ug/l	46394	Phenanthrene-d10	31.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene-d10-	188	C14D10	001719-06-8	59
2		Phenanthrene-d10	188	C14D10	001517-22-2	59
3		Benzene, 1-bromo-4-methoxy-	186	C7H7BrO	000104-92-7	47
4		1,4-Naphthalenedione, 2-hydroxy-...	188	C11H8O3	000483-55-6	28



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 Misc :
 MS Integration Params: rteint.e

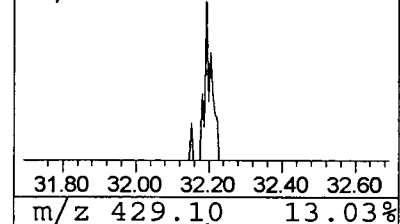
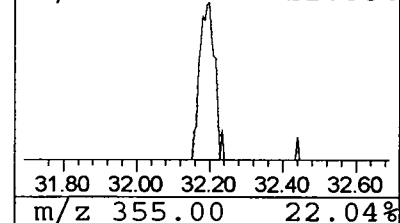
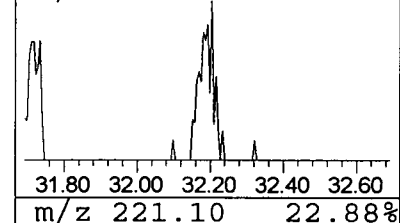
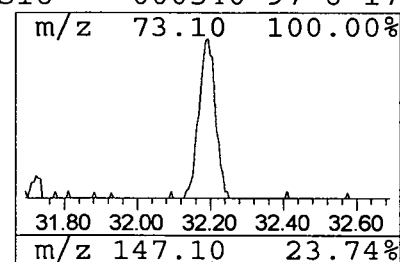
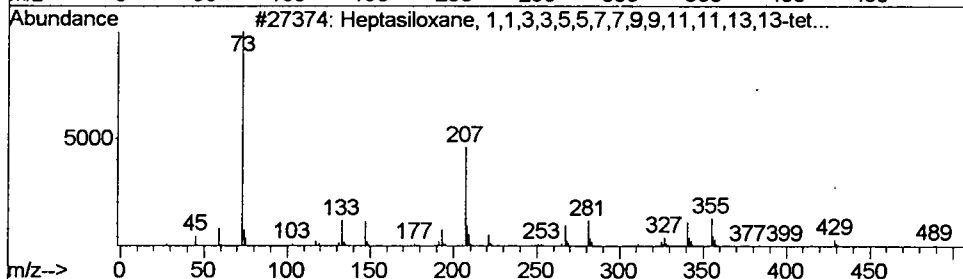
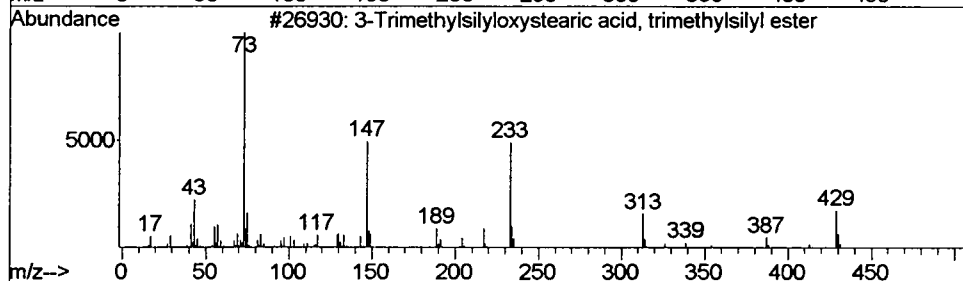
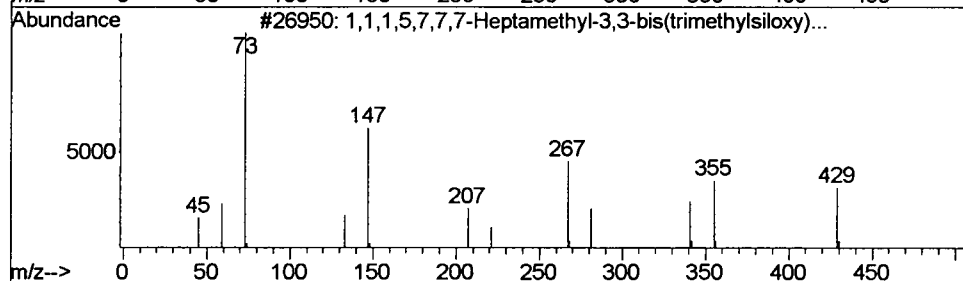
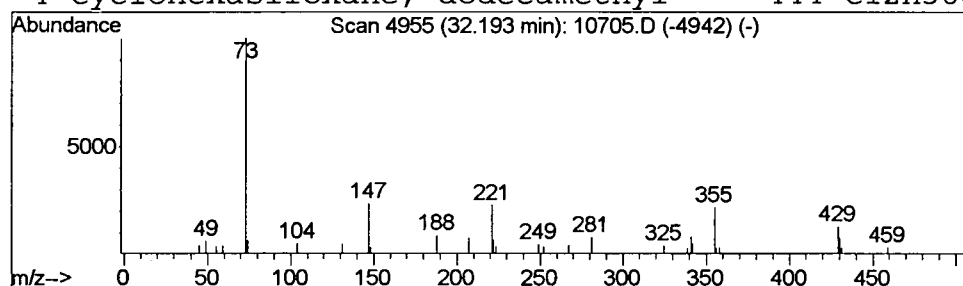
Vial: 16
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 6 1,1,1,5,7,7,7-Heptamethyl-3... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.19	0.37 ug/l	46064	Phenanthrene-d10	31.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	32
2		3-Trimethylsilyloxystearic acid,...	444	C24H52O3Si2	1000079-42-6	32
3		Heptasiloxane, 1,1,3,3,5,5,7,7,9...	504	C14H44O6Si7	019095-23-9	25
4		Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	17



Operator ID: Nefliu Date Acquired: 14 May 2002 3:23 am
Data File: C:\MSDCHEM\1\DATA\020513\10705.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
Spire [2.4] hepta-4...	4.30	0.9	ug/l	83184	1	11.38	3550810	40.0
2-Pentanone, 4-hy...	6.16	13.5	ug/l	1198080	1	11.38	3550810	40.0
Benzoic acid, 2,4...	28.36	0.4	ug/l	49205	4	31.72	4924450	40.0
Phenanthrene, 1-m...	31.09	0.3	ug/l	40391	4	31.72	4924450	40.0
Anthracene-d10-	31.96	0.4	ug/l	46394	4	31.72	4924450	40.0
1,1,1,5,7,7,7-Hep...	32.19	0.4	ug/l	46064	4	31.72	4924450	40.0