

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 05/28/2002 Time: 08:46:17

Sample: AE10302
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 5/28/02 08:46 Ended: 5/28/02 08:46 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 AE10302 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-28-2002 Time: 08:46:44

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\020516\10302.D Vial: 25
Acq On : 17 May 2002 9:03 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e
Quant Time: May 17 10:52:59 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 16 14:49:15 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN1

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.37	152	330270	40.00	ug/l	-0.02
10) Naphthalene-d8	16.53	136	1241333	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	668061	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1141862	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	893879	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	534247	40.00	ug/l	-0.03

System Monitoring Compounds

27) TCMX	27.55	207	173210	32.46	ug/l	-0.02
Spiked Amount	40.000		Recovery	=	81.15%	

Target Compounds

Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed
10302.D SCAN020507.M Fri May 17 10:53:57 2002 Page 1

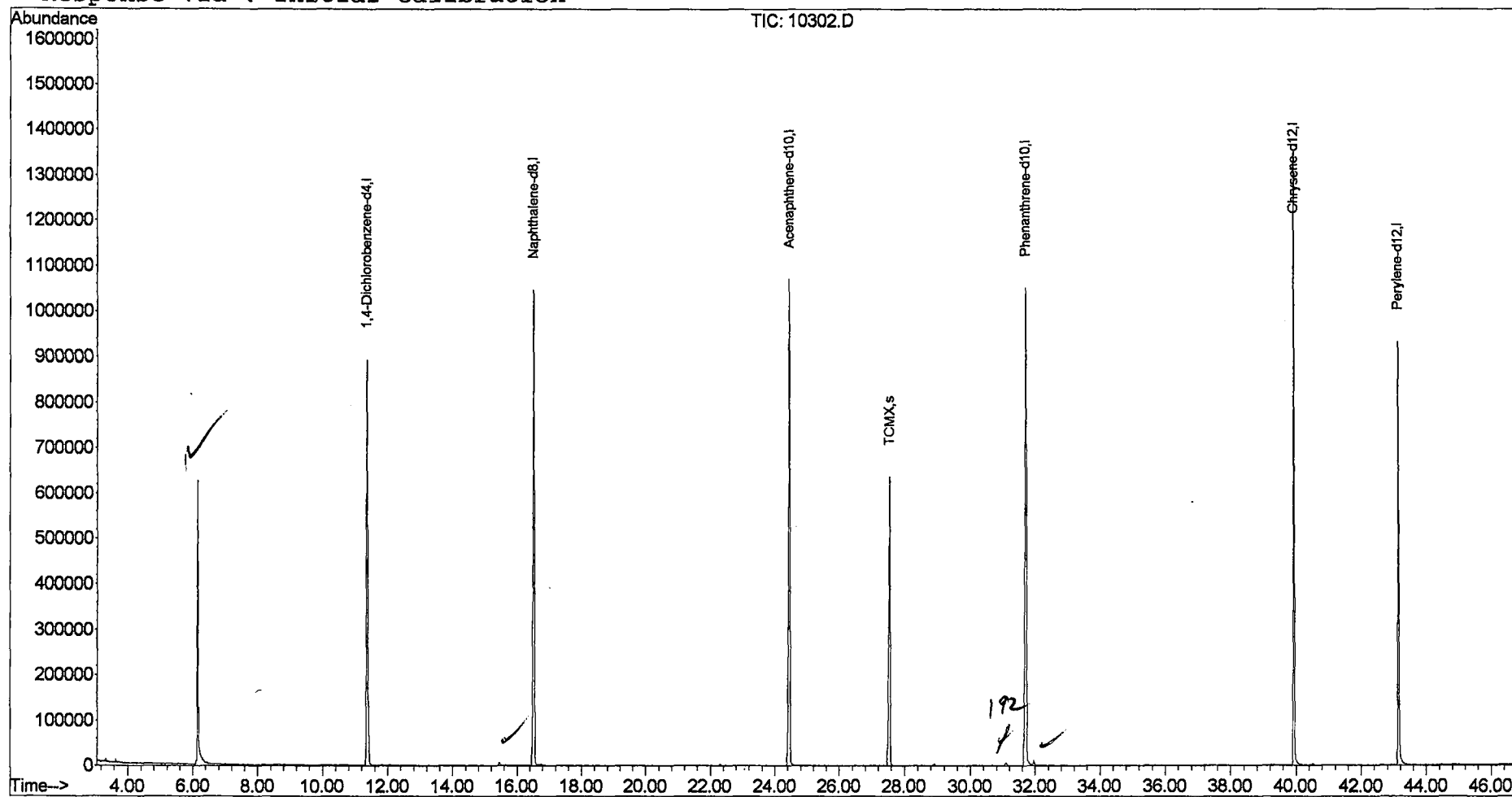
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020516\10302.D
 Acq On : 17 May 2002 9:03 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e
 Quant Time: May 17 10:53 2002

Vial: 25
 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 16 14:49:15 2002
 Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020516\10302.D

Acq On : 17 May 2002 9:03 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 25

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

Title : Method 508 GC/MS Scan

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 0.5 % 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

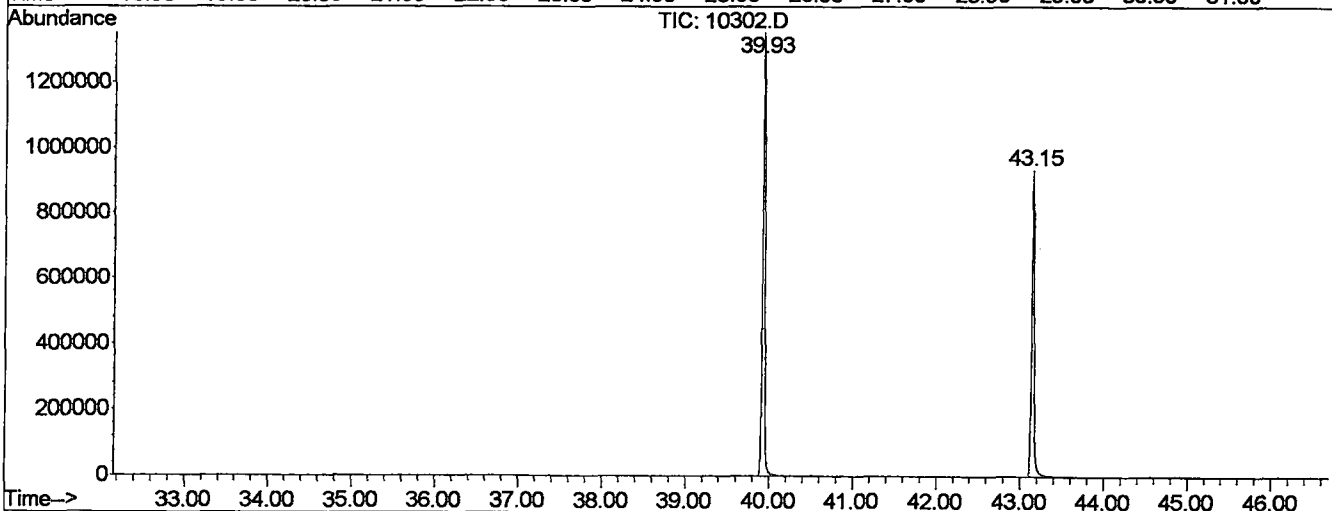
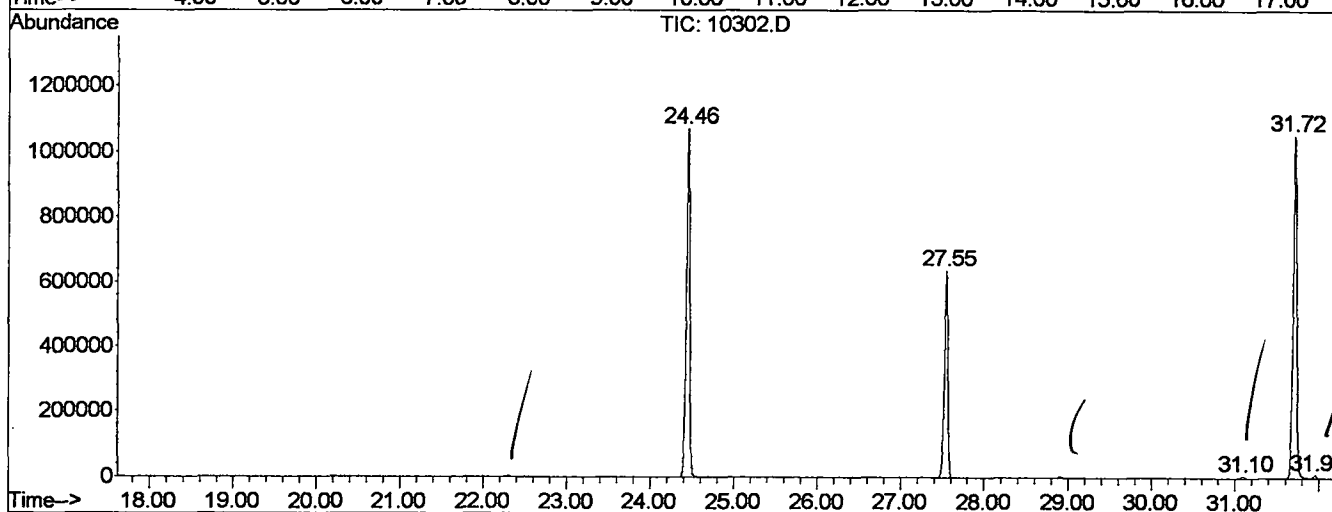
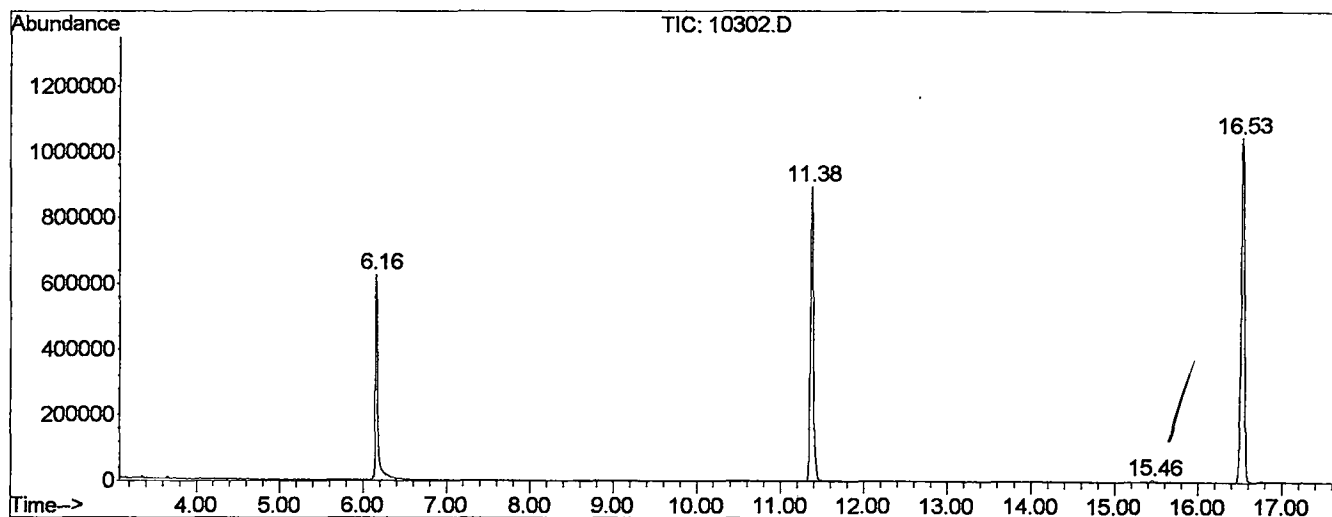
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.158	510	524	564	rBV	625380	1248616	38.72%	6.550%
2	11.376	1400	1412	1430	rBV	894140	2293112	71.12%	12.029%
3	15.459	2098	2107	2118	rVB3	6732	16835	0.52%	0.088%
4	16.534	2274	2290	2306	rBV	1046641	2882765	89.40%	15.123%
5	24.460	3619	3639	3654	rBV2	1070910	3004357	93.17%	15.760%
6	27.551	4147	4165	4179	rBV2	637047	1772107	54.96%	9.296%
7	31.100	4757	4769	4783	rVB5	6426	24315	0.75%	0.128%
8	31.717	4856	4874	4902	rBV2	1051551	3224475	100.00%	16.915%
9	31.958	4905	4915	4925	rVB4	10250	25013	0.78%	0.131%
10	39.931	6261	6272	6296	rBV2	1349419	2712507	84.12%	14.229%
11	43.151	6810	6820	6845	rBV2	932750	1858636	57.64%	9.750%

Sum of corrected areas: 19062738

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020516\10302.D
Operator : Nefliu
Acquired : 17 May 2002 9:03 am using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: sample
Misc Info :
Vial Number: 25
Quant File :SCAN020507.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020516\10302.D
 Acq On : 17 May 2002 9:03 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

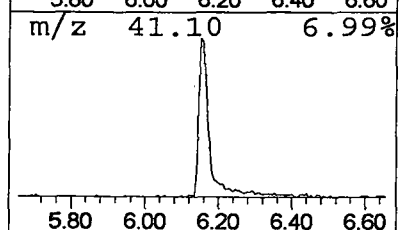
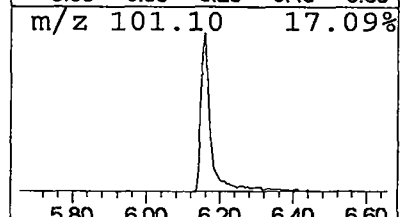
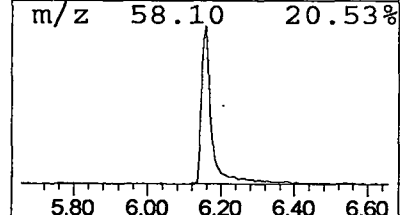
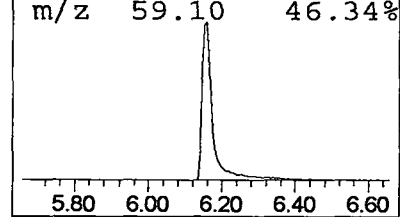
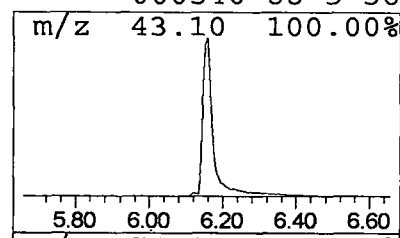
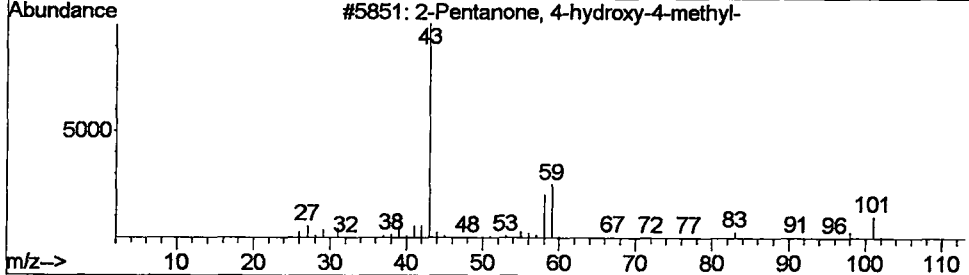
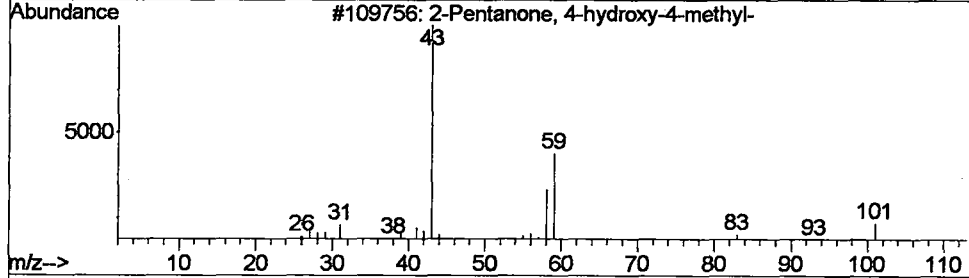
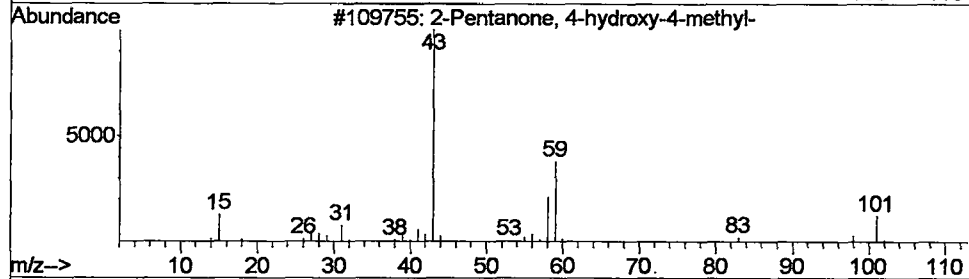
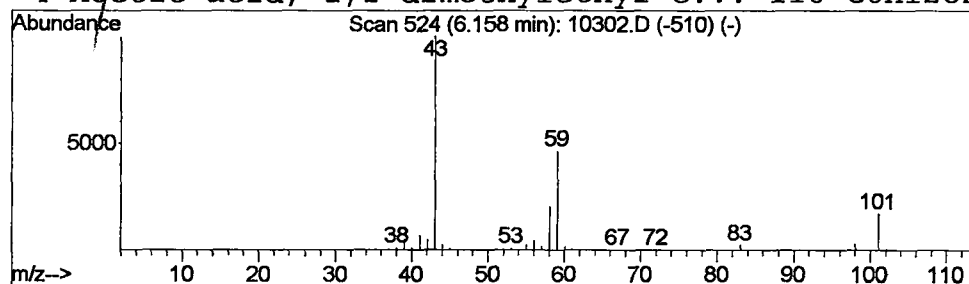
Vial: 25
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	21.78 ug/l	1248620	1,4-Dichlorobenzene-d4	11.37

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	56
3			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
4			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36



Library Search Compound Report

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Acq On : 17 May 2002 9:03 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 25

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

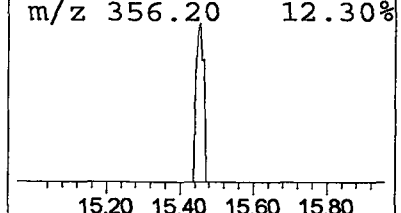
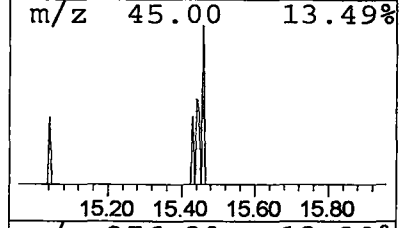
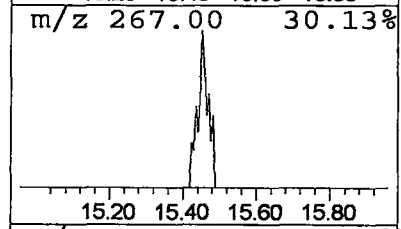
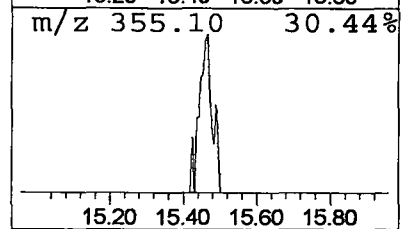
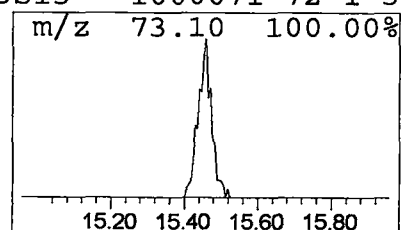
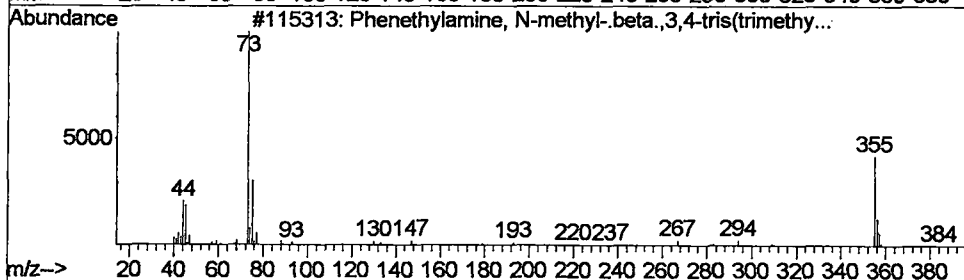
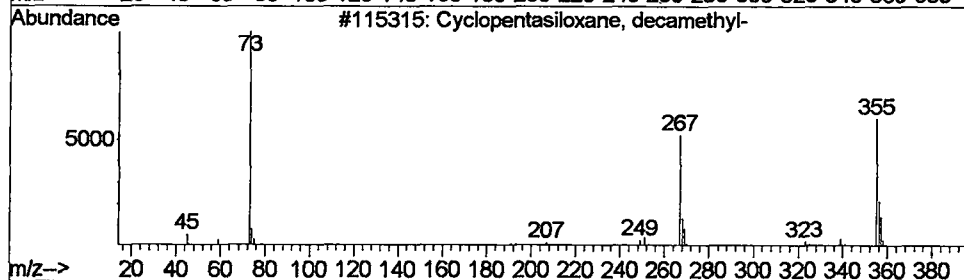
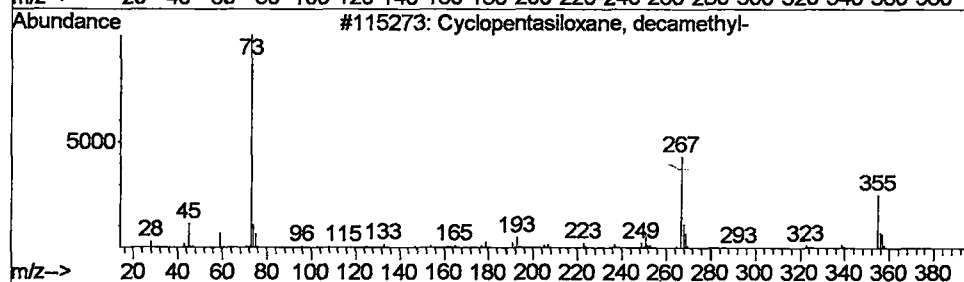
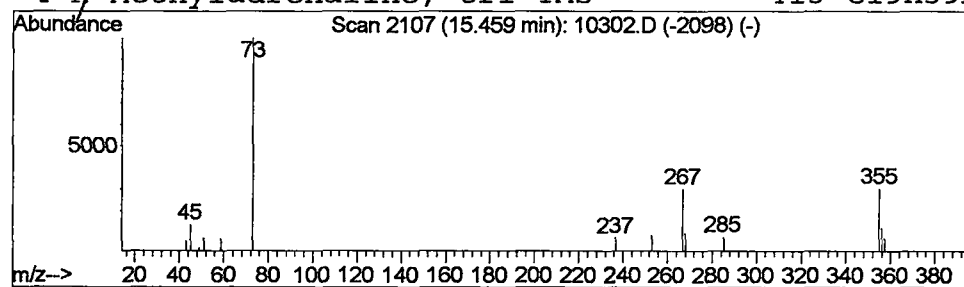
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.l

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	0.23 ug/l	16835	Naphthalene-d8	16.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	53
2		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	53
3		Phenethylamine, N-methyl-.beta.,...	399	C18H37NO3Si3	010538-85-9	37
4		N-Methyladrenaline, tri-TMS	413	C19H39NO3Si3	1000071-72-1	37



Library Search Compound Report

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Acq On : 17 May 2002 9:03 am
Sample : sample
Misc :
MS Integration Params: rteint.e

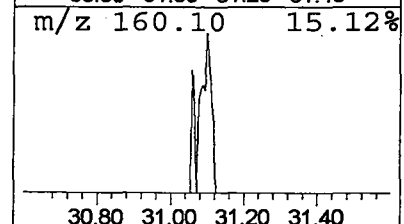
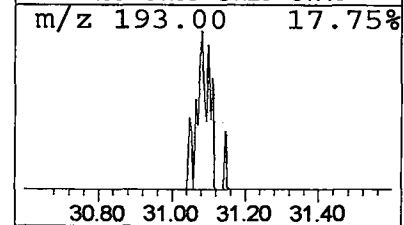
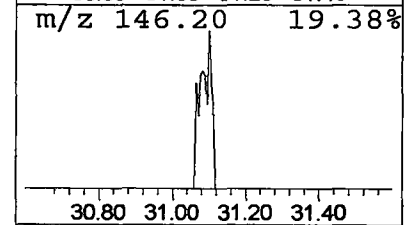
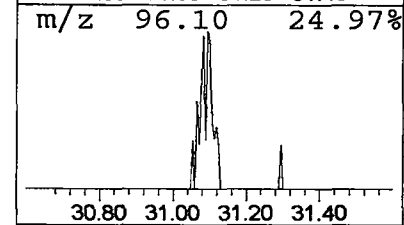
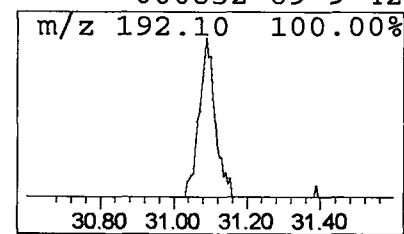
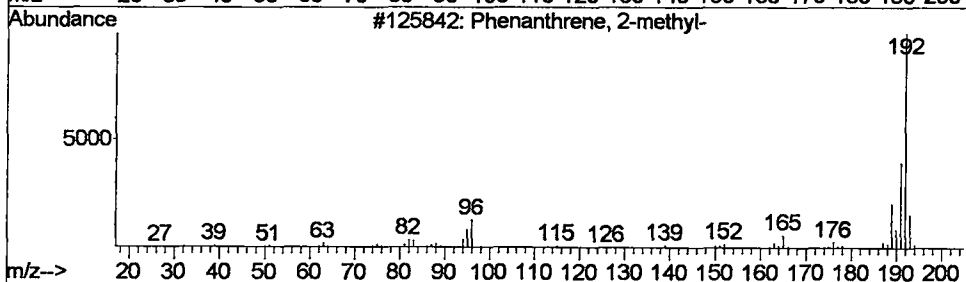
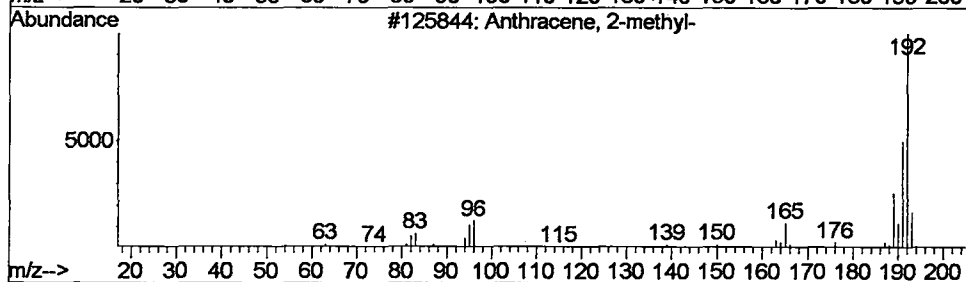
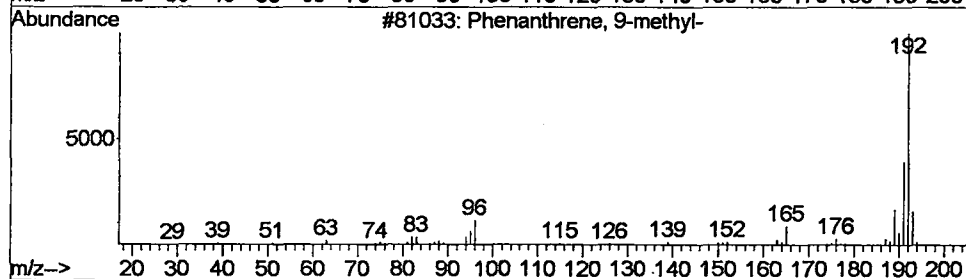
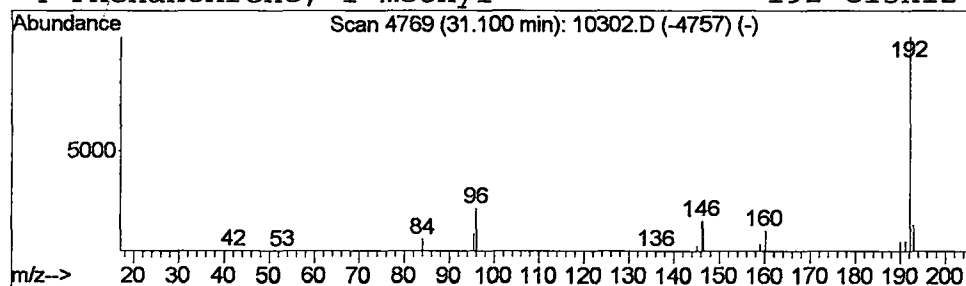
Vial: 25
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 3 Phenanthrene, 9-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.10	0.30 ug/l	24315	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	53
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	50
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	42
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020516\10302.D
 Acq On : 17 May 2002 9:03 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

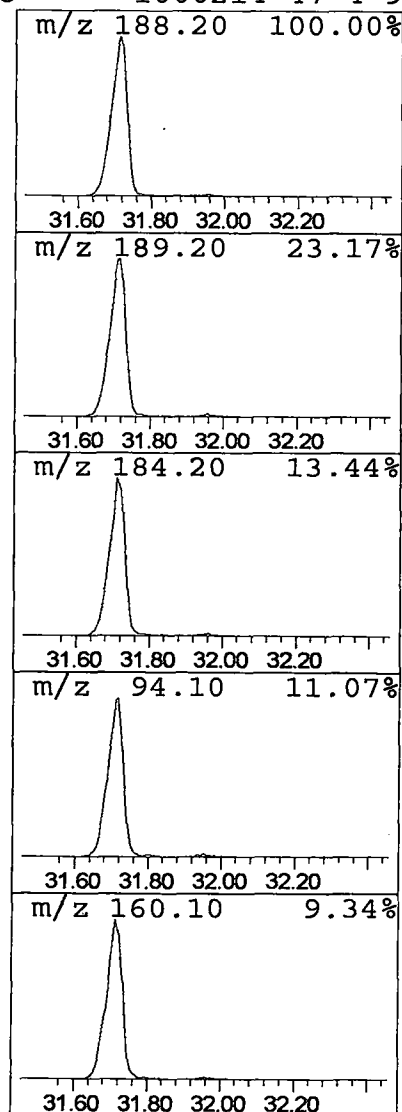
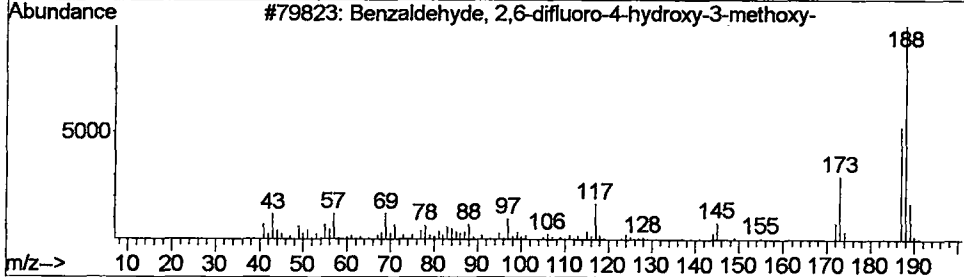
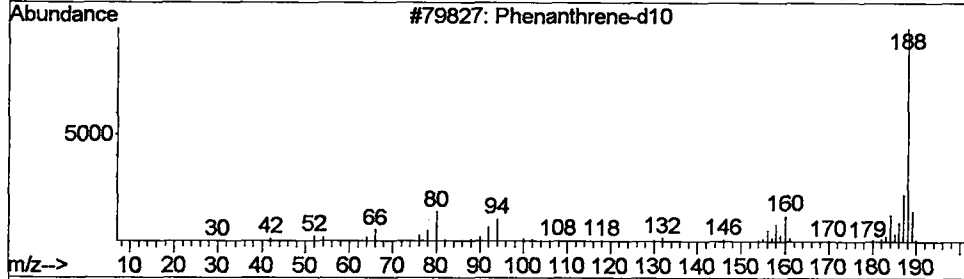
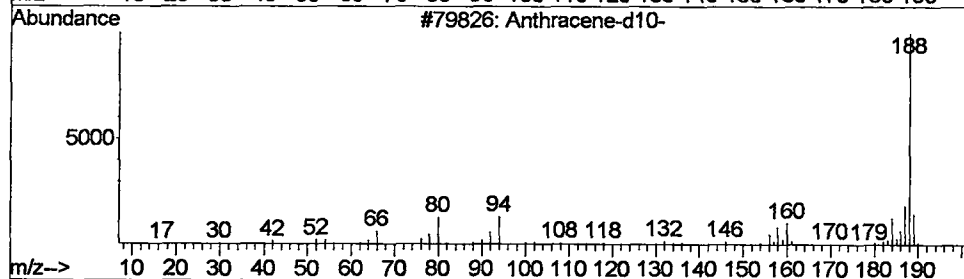
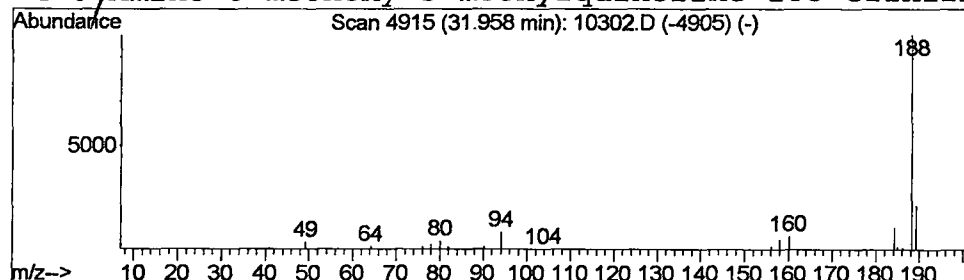
Vial: 25
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 4 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.31 ug/l	25013	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene-d10-	188	C14D10	001719-06-8	80
2			Phenanthrene-d10	188	C14D10	001517-22-2	72
3			Benzaldehyde, 2,6-difluoro-4-hyd...	188	C8H6F2O3	1000116-28-9	9
4			8-Amino-6-methoxy-3-methylquinoline	188	C11H12N2O	1000214-47-4	9



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 17 May 2002 9:03 am
Data File: C:\MSDCHEM\1\DATA\020516\10302.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
✓ 2-Pentanone, 4-hy...	6.16	21.8	ug/l	1248620	1	11.37	2293110	40.0
✓ Cyclopentasiloxan...	15.46	0.2	ug/l	16835	2	16.53	2882770	40.0
Phenanthrene, 9-m...	31.10	0.3	ug/l	24315	4	31.72	3224480	40.0
Anthracene-d10-	31.96	0.3	ug/l	25013	4	31.72	3224480	40.0