

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/28/2002 Time: 08:32:07

Sample: AE10242
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/28/02 08:31 Ended: 5/28/02 08:31 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		83		10.0

Comments for Sample AE10242 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-28-2002 Time: 08:33:02

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\10242.D

Vial: 18

Acq On : 17 May 2002 2:09 am

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: rteint.e

Quant Time: May 17 10:39:58 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	11.38	152	303543	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1143095	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.45	164	605294	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1032097	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	810613	40.00	ug/l	-0.05
44) Perylene-d12	43.14	264	480319	40.00	ug/l	-0.04

System Monitoring Compounds

27) TCMX	27.55	207	161305	33.36	ug/l	-0.03
Spiked Amount	40.000		Recovery	=	83.40%	

Target Compounds

Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed
10242.D SCAN020507.M Fri May 17 10:41:07 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020516\10242.D

Acq On : 17 May 2002 2:09 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Quant Time: May 17 10:41 2002

Vial: 18

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

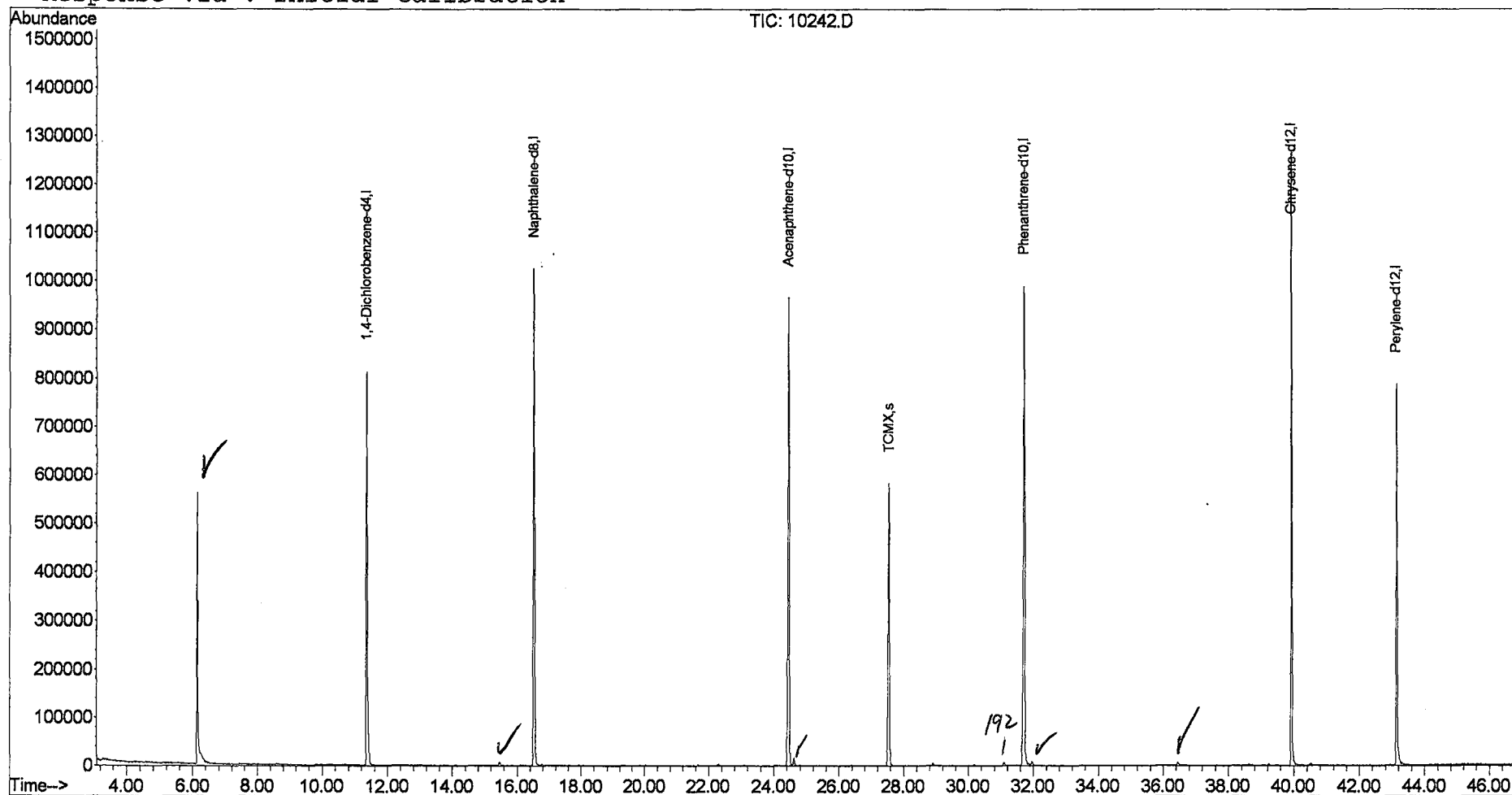
Quant Results File: SCAN020507.RES

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\10242.D
 Acq On : 17 May 2002 2:09 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

Vial: 18
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
 Title : Method 508 GC/MS Scan
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 0.5 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

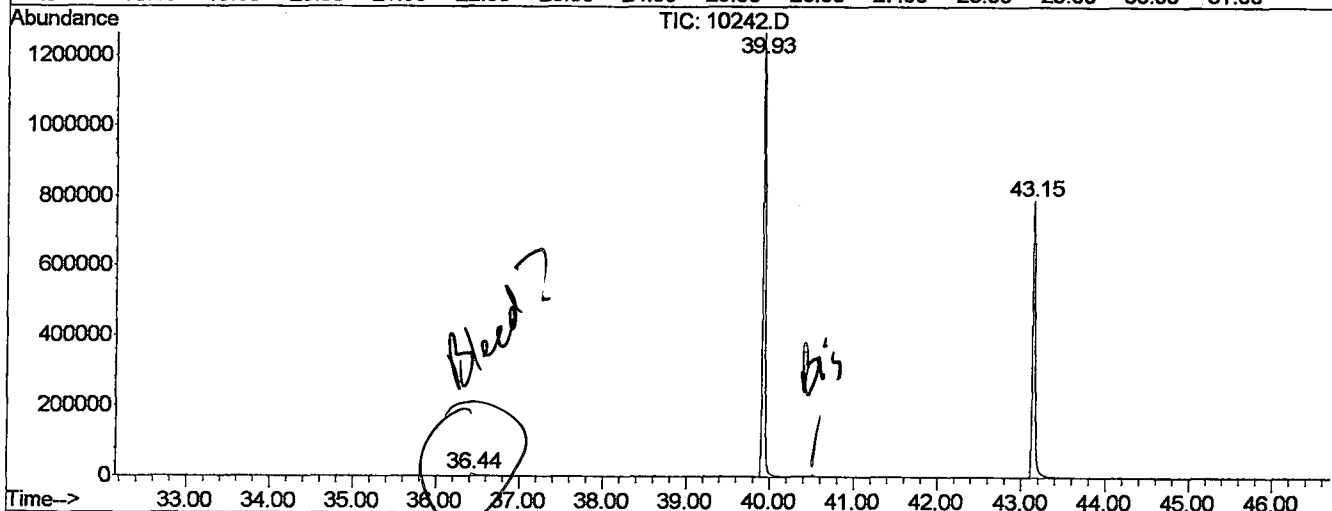
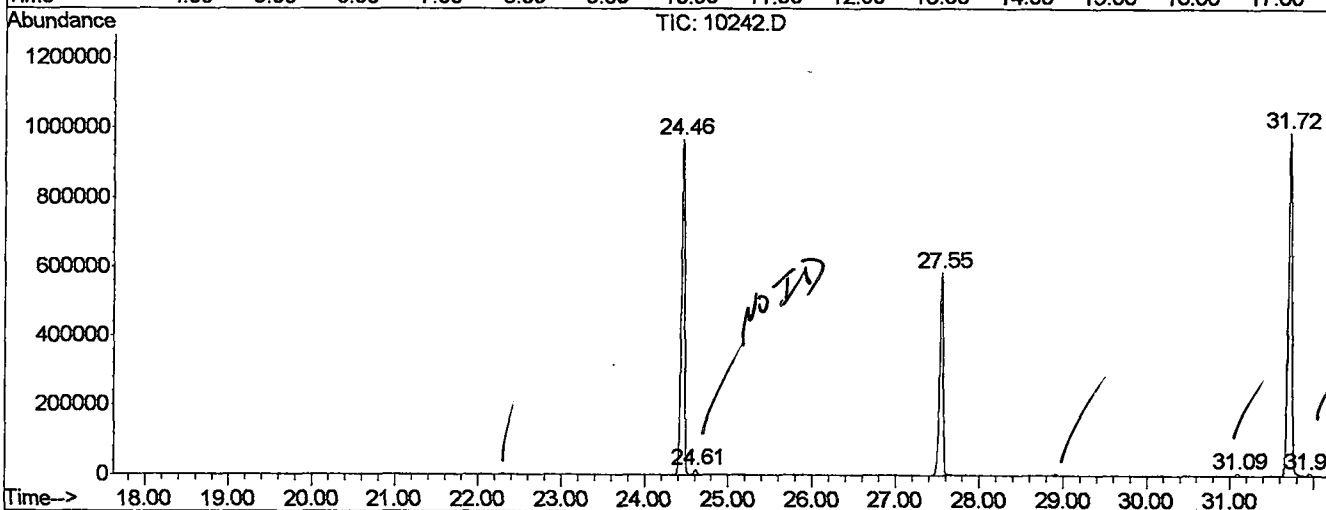
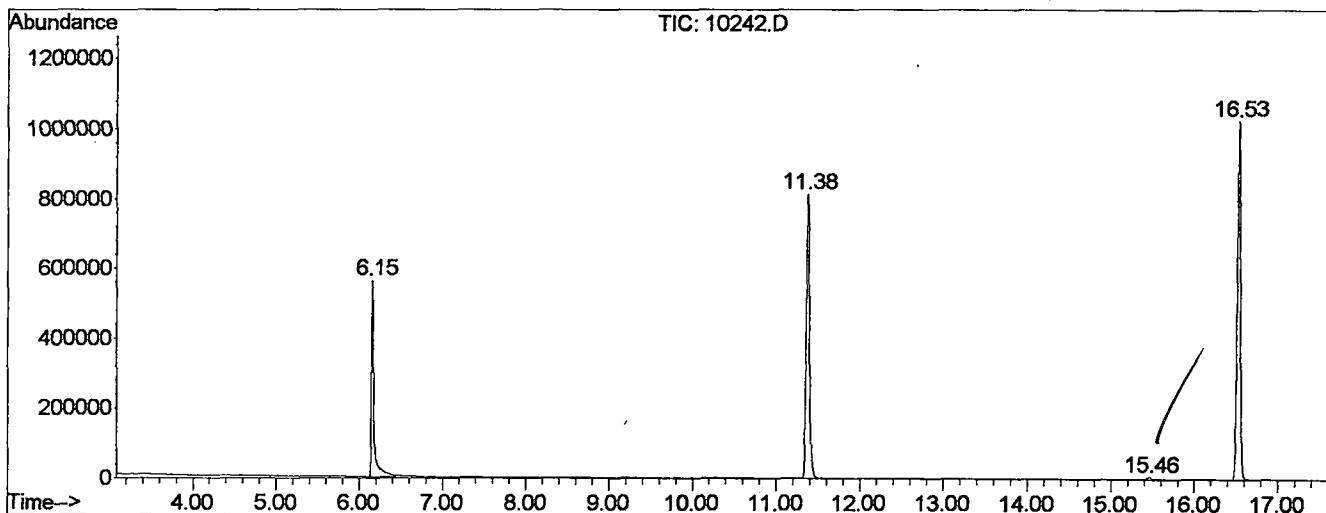
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.152	517	523	571	rBV	559756	1145011	39.38%	6.561%
2	11.376	1398	1412	1434	rBV	812468	2104331	72.37%	12.059%
3	15.459	2095	2107	2114	rVB4	7049	22619	0.78%	0.130%
4	16.534	2275	2290	2302	rBV	1025134	2631606	90.51%	15.080%
5	24.461	3622	3639	3651	rBV3	966399	2711917	93.27%	15.541%
6	24.613	3657	3665	3675	rVB5	14757	34479	1.19%	0.198%
7	27.551	4148	4165	4175	rBV3	583503	1672729	57.53%	9.586%
8	31.094	4759	4768	4780	rVB3	6855	19447	0.67%	0.111%
9	31.717	4856	4874	4899	rBV2	989598	2907676	100.00%	16.662%
10	31.946	4906	4913	4928	rVB4	7328	25201	0.87%	0.144%
11	36.441	5668	5678	5683	rBV5	7093	17730	0.61%	0.102%
12	39.931	6258	6272	6295	rBV2	1265436	2469628	84.93%	14.152%
13	43.151	6808	6820	6843	rBV2	788099	1688092	58.06%	9.674%

Sum of corrected areas: 17450466

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020516\10242.D
Operator : Nefliu
Acquired : 17 May 2002 2:09 am using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: sample
Misc Info :
Vial Number: 18
Quant File :SCAN020507.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020516\10242.D
 Acq On : 17 May 2002 2:09 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

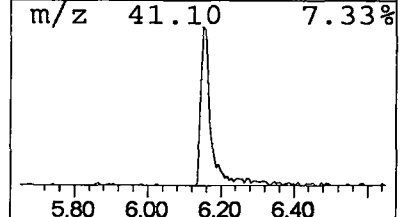
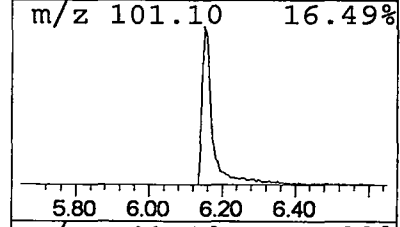
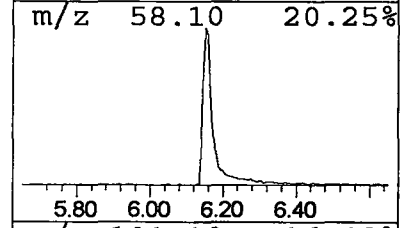
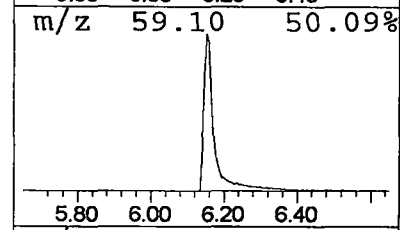
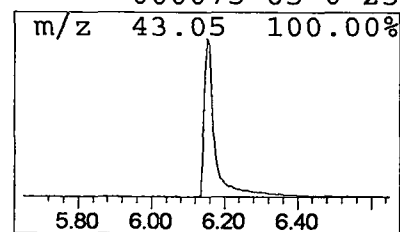
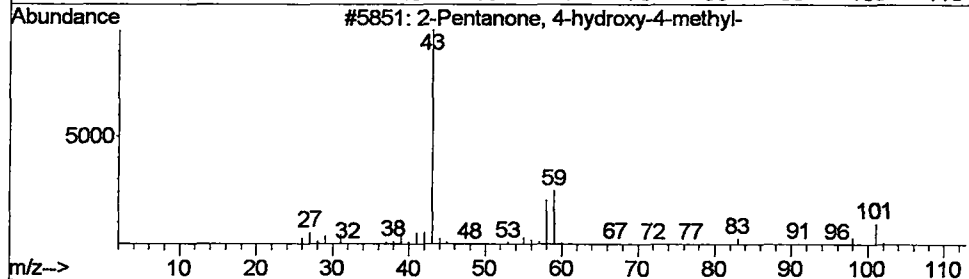
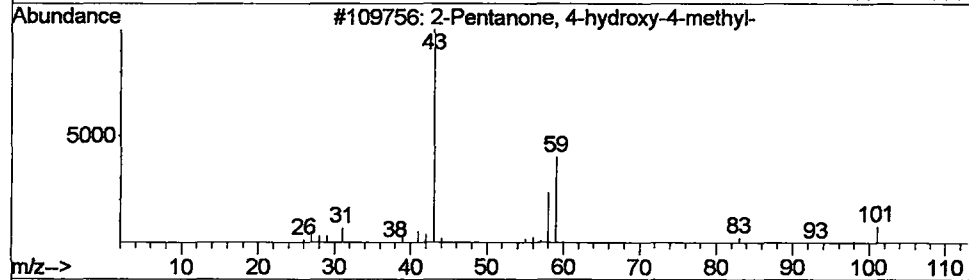
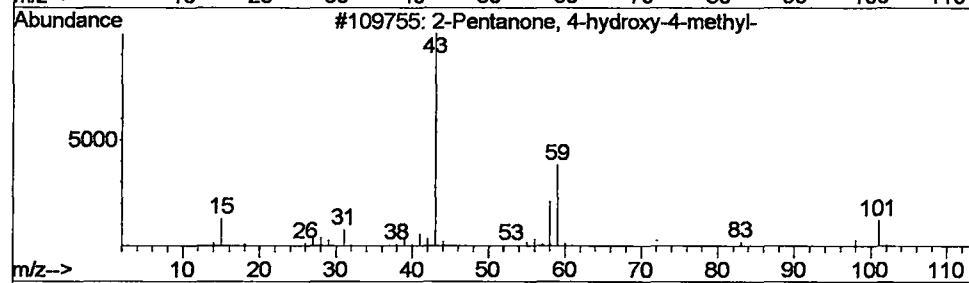
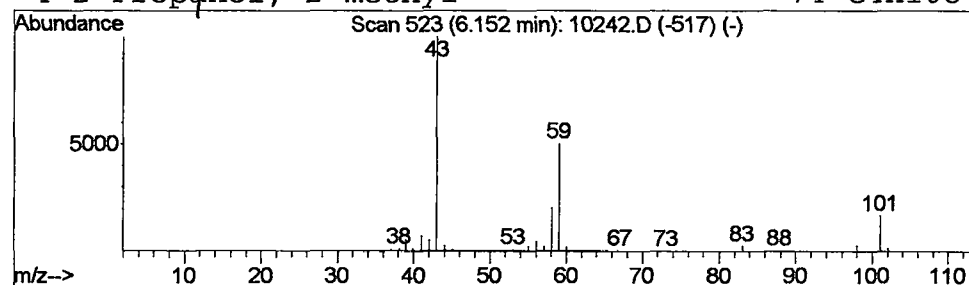
Vial: 18
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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.
6.15	21.76 ug/l	1145010	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	56
3			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
4			2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	23



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020516\10242.D
Acq On : 17 May 2002 2:09 am
Sample : sample
Misc :
MS Integration Params: rteint.e

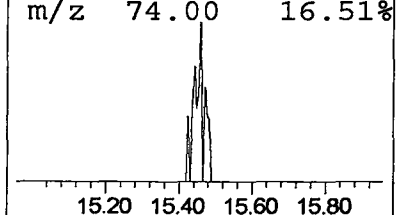
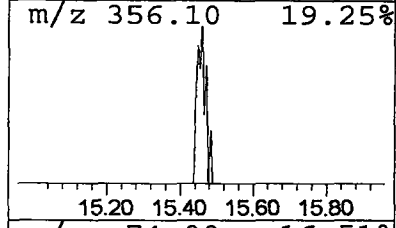
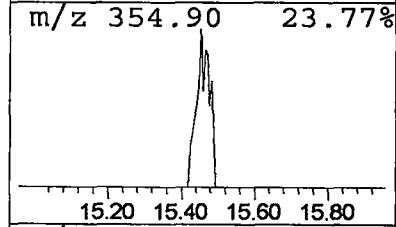
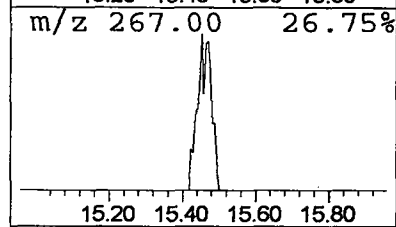
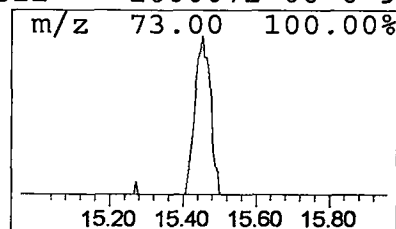
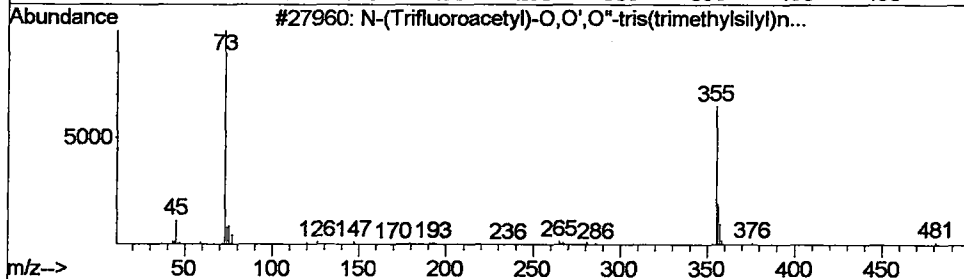
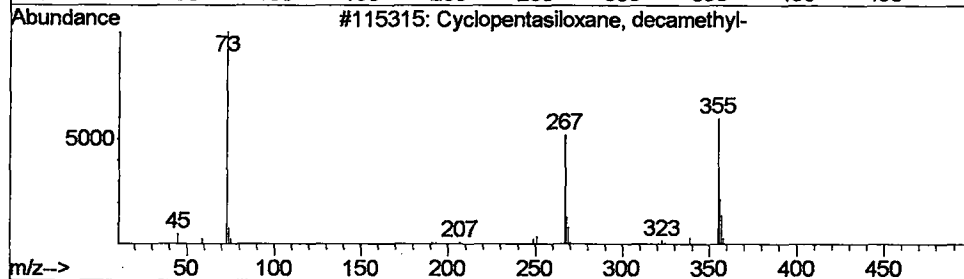
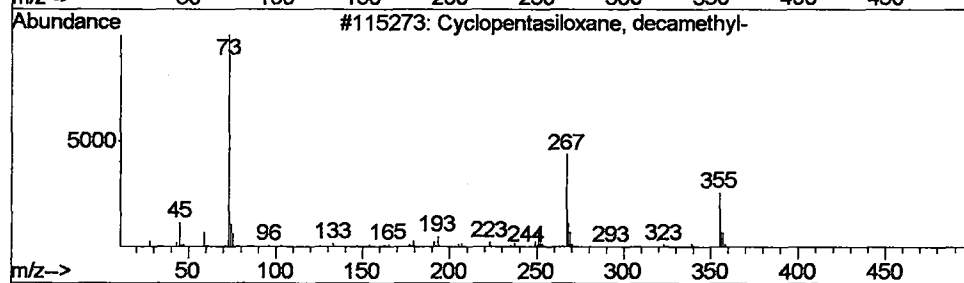
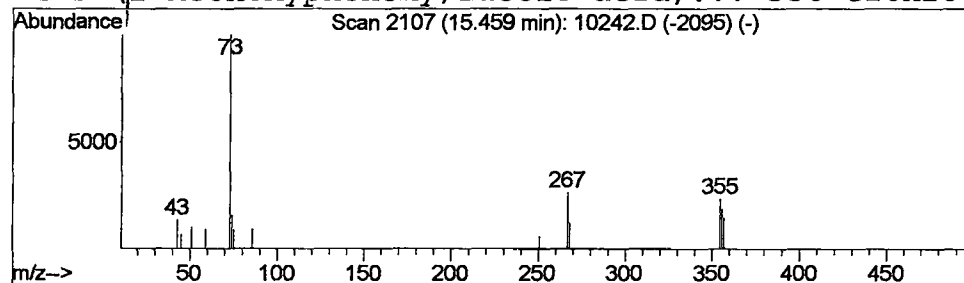
Vial: 18
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	0.34 ug/l	22619	Naphthalene-d8	16.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
✓ 1	5	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	25
2		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	23
3		N-(Trifluoroacetyl)-O,O',O''-tri...	481	C19H34F3NO4Si3	1000072-26-3	17
4		3-(2-Methoxyphenoxy)lactic acid,...	356	C16H28O5Si2	1000072-00-0	9



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020516\10242.D
 Acq On : 17 May 2002 2:09 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

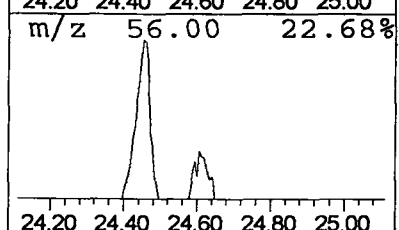
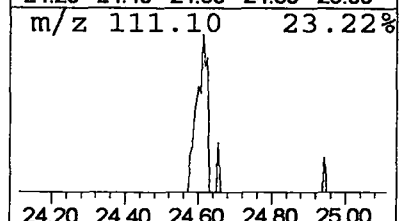
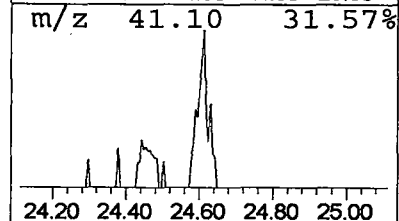
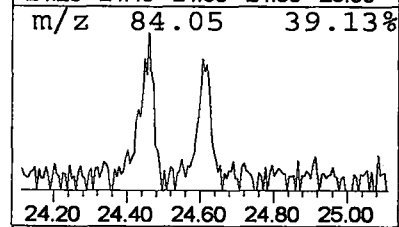
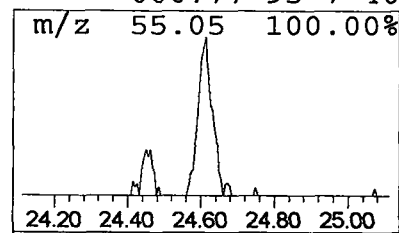
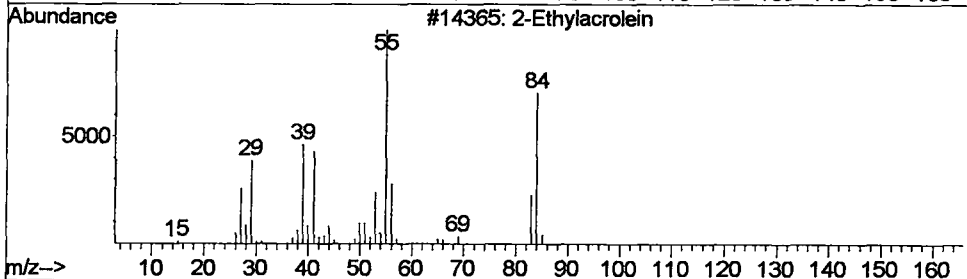
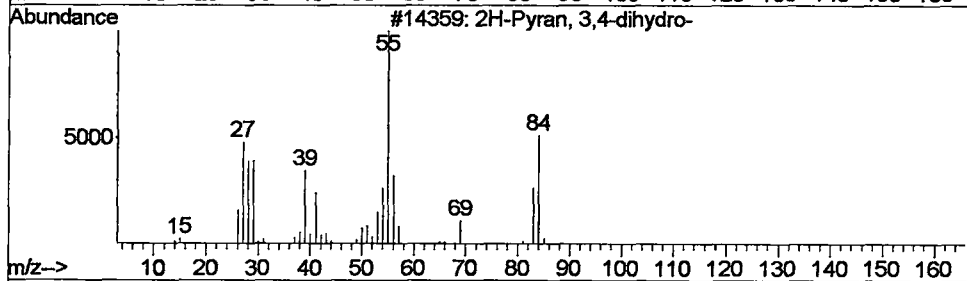
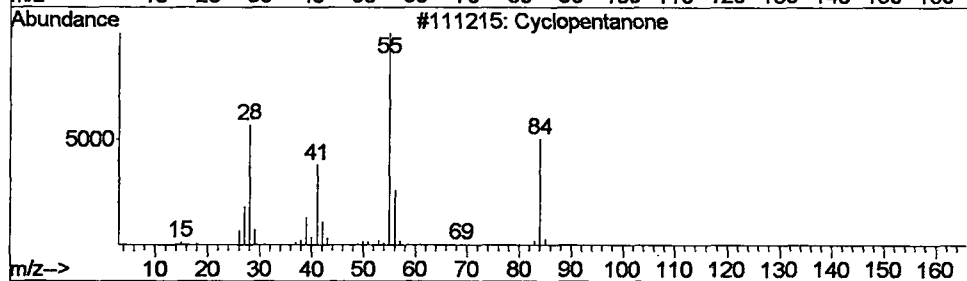
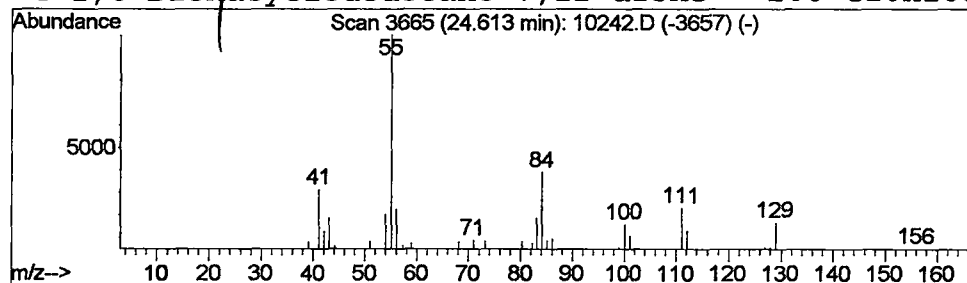
Vial: 18
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 3 Cyclopentanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.61	0.51 ug/l	34479	Acenaphthene-d10	24.45

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentanone	84	C5H8O	000120-92-3	43
2		2H-Pyran, 3,4-dihydro-	84	C5H8O	000110-87-2	43
3		2-Ethylacrolein	84	C5H8O	000922-63-4	43
4		1,6-Dioxacyclododecane-7,12-dione	200	C10H16O4	000777-95-7	40



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020516\10242.D
 Acq On : 17 May 2002 2:09 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

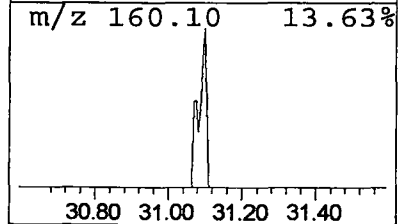
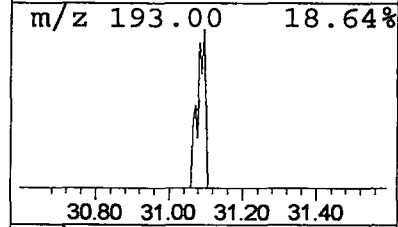
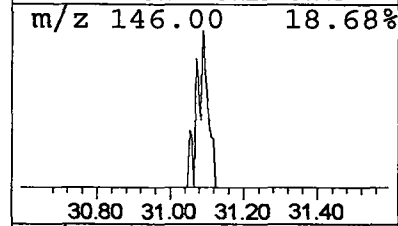
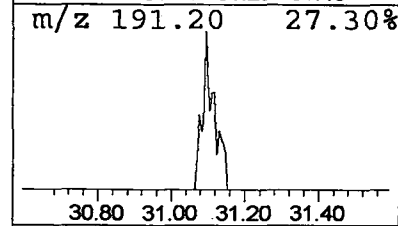
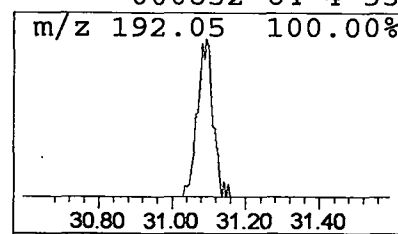
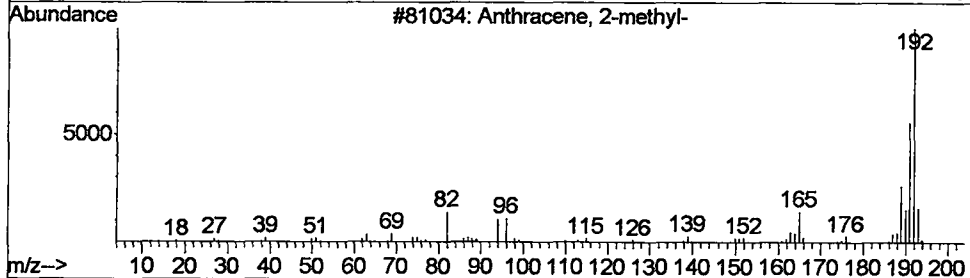
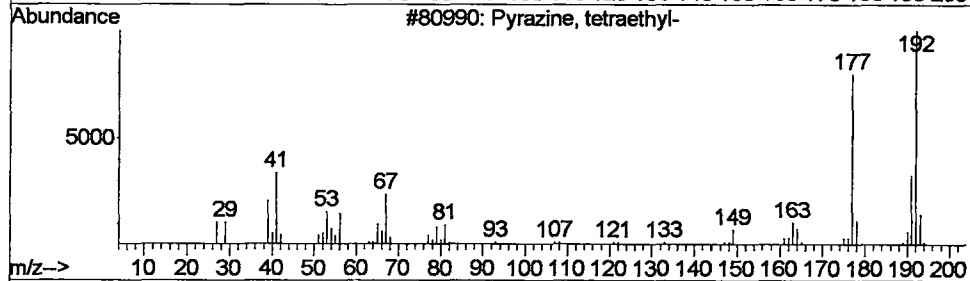
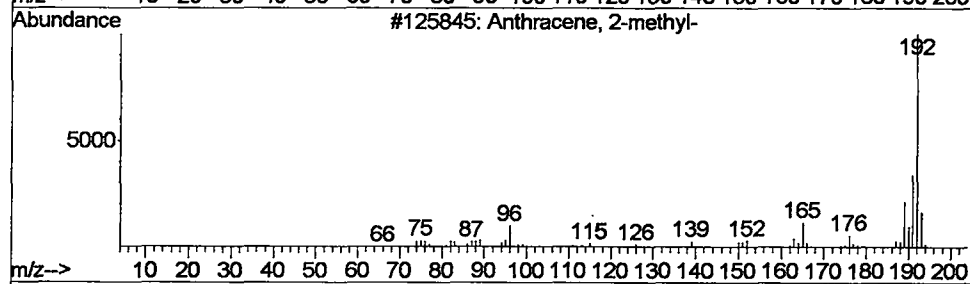
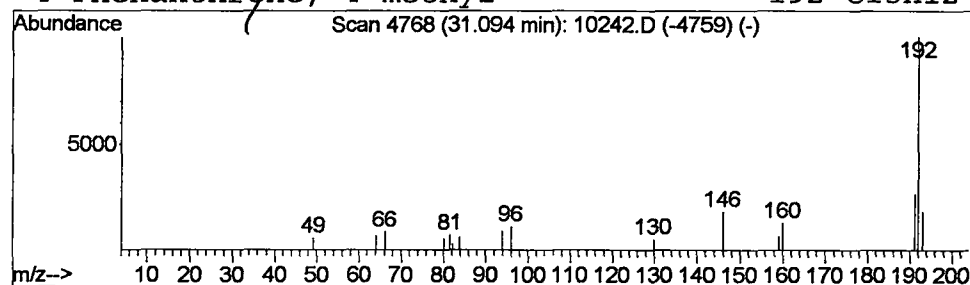
Vial: 18
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to, ISTD	R.T.
31.09	0.27 ug/l	19447	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
2		Pyrazine, tetraethyl-	192	C12H20N2	038325-19-8	42
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	40
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	33



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020516\10242.D
 Acq On : 17 May 2002 2:09 am
 Sample : sample
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 MS Integration Params: rteint.e

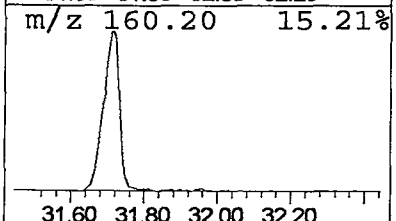
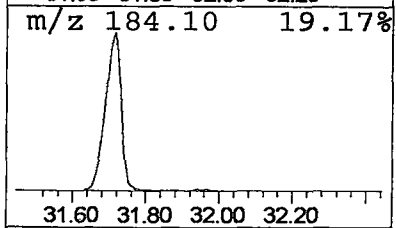
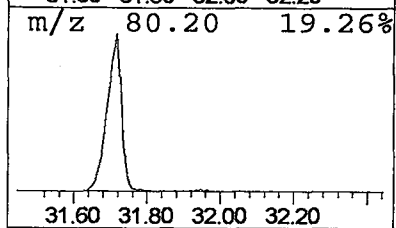
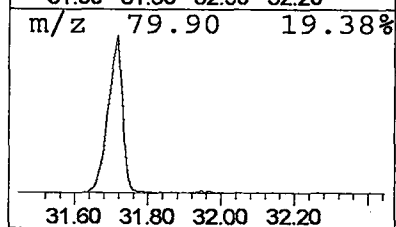
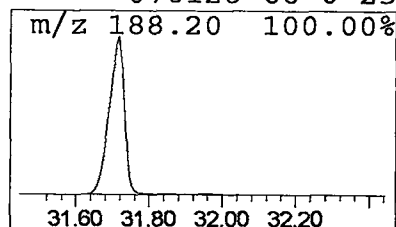
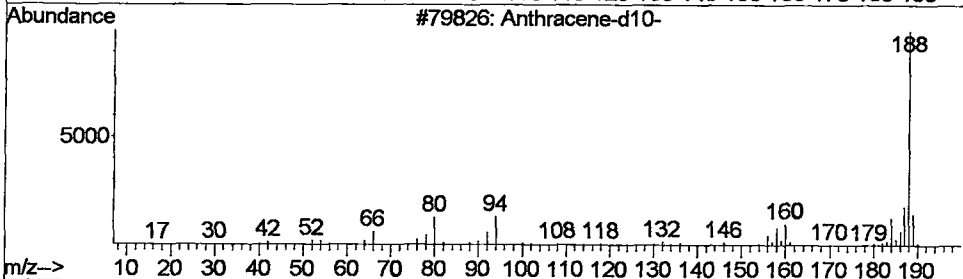
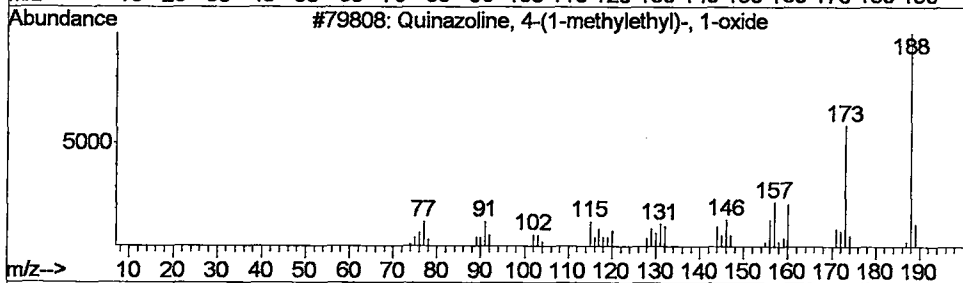
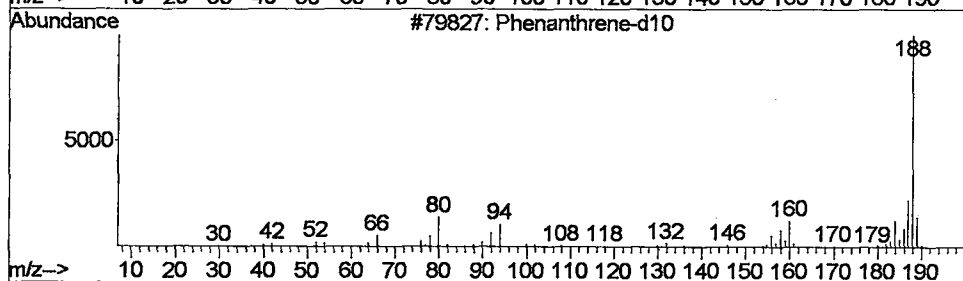
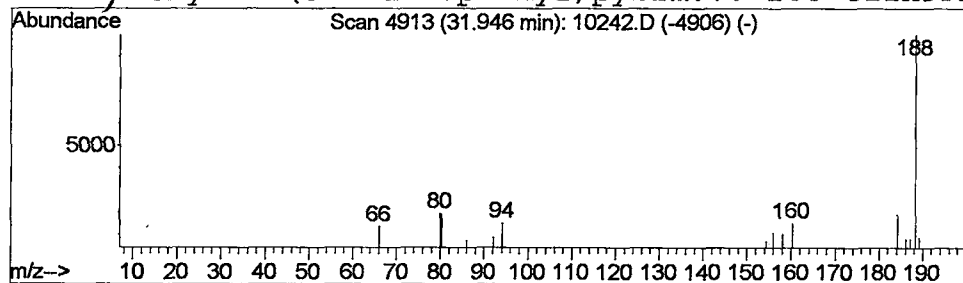
Vial: 18
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 5 Phenanthrene-d10 Concentration Rank 3

R.T.	EstConc	Area	Relative to, ISTD	R.T.
31.95	0.35 ug/l	25201	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene-d10	188	C14D10	001517-22-2	53
2		Quinazoline, 4-(1-methylethyl)-,...	188	C11H12N2O	050915-32-7	43
3		Anthracene-d10-	188	C14D10	001719-06-8	42
4		4-Methyl-2-(3-fluorophenyl)pyrim...	188	C11H9FN2	076128-66-0	25



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020516\10242.D
 Acq On : 17 May 2002 2:09 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

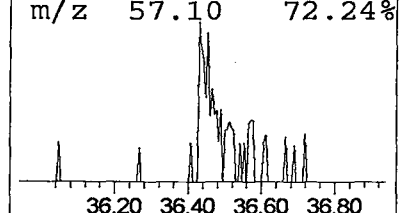
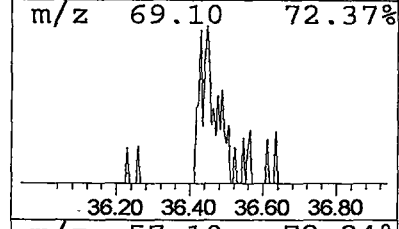
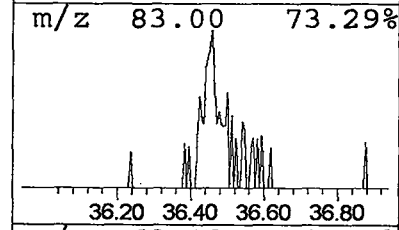
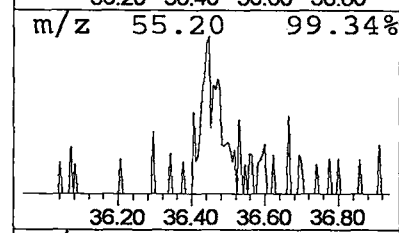
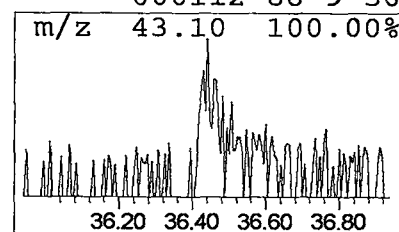
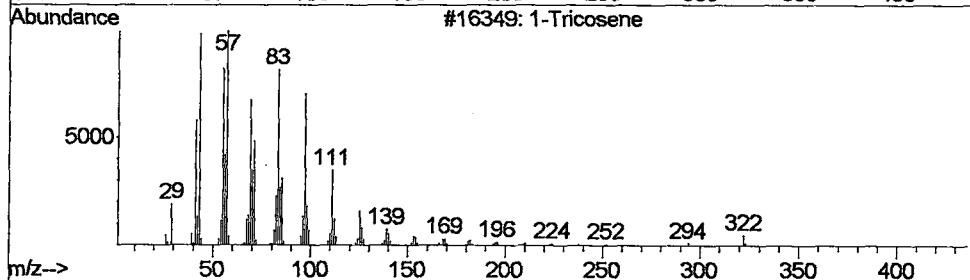
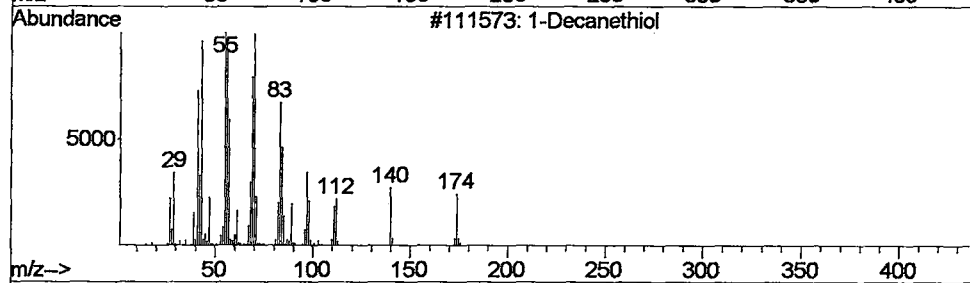
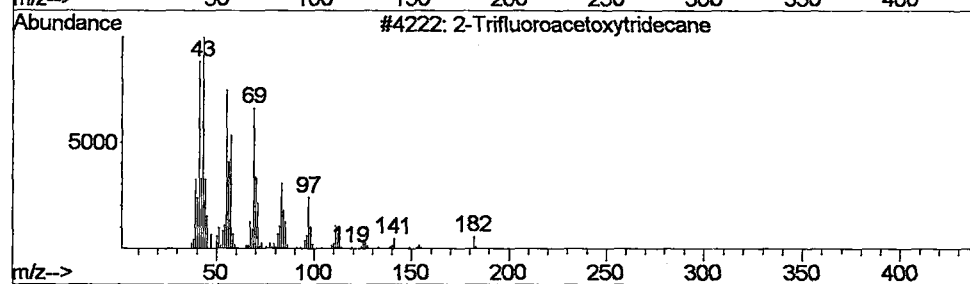
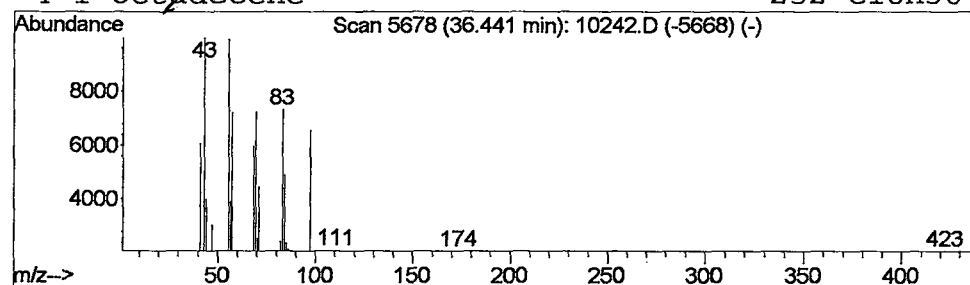
Vial: 18
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 6 2-Trifluoroacetoxytridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.44	0.29 ug/l	17730	Chrysene-d12	39.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Trifluoroacetoxytridecane	296	C15H27F3O2	1000245-47-1	59
2		1-Decanethiol	174	C10H22S	000143-10-2	58
3		1-Tricosene	322	C23H46	018835-32-0	50
4		1-Octadecene	252	C18H36	000112-88-9	50



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 17 May 2002 2:09 am
 Data File: C:\MSDCHEM\1\DATA\020516\10242.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...	6.15	21.8	ug/l	1145010	1	11.38	2104330	40.0
✓ Cyclopentasiloxan...	15.46	0.3	ug/l	22619	2	16.53	2631610	40.0
Cyclopentanone	24.61	0.5	ug/l	34479	3	24.45	2711920	40.0
Anthracene, 2-met...	31.09	0.3	ug/l	19447	4	31.72	2907680	40.0
Phenanthrene-d10	31.95	0.3	ug/l	25201	4	31.72	2907680	40.0
2-Trifluoroacetox...	36.44	0.3	ug/l	17730	5	39.93	2469630	40.0