

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/20/2002 Time: 09:55:52

Sample: AE10237
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/20/02 09:55 Ended: 5/20/02 09:55 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 AE10237 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-20-2002 Time: 09:56:10

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\020509\10237.D
Acq On : 10 May 2002 12:27 am
Sample : sample
Misc :
MS Integration Params: lscint.e
Quant Time: May 10 08:19:46 2002

Vial: 15
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	499681	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1908702	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	1025011	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1756131	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	1461506	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	936579	40.00	ug/l	-0.03
System Monitoring Compounds						
27) TCMX	27.54	207	62532	7.64	ug/l	-0.04
Spiked Amount	10.000		Recovery	=	76.40%	

Target Compounds

Qvalue

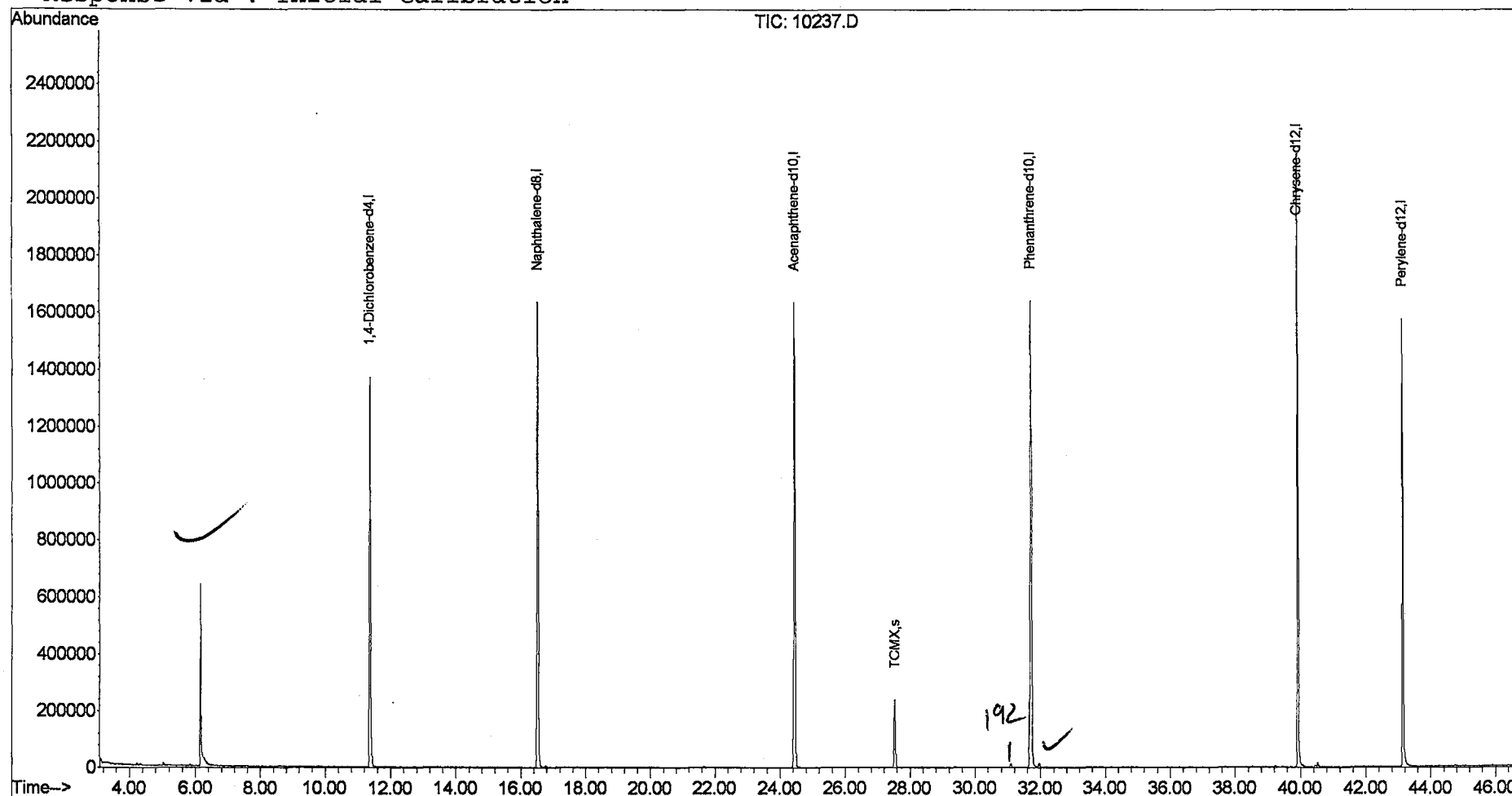
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020509\10237.D
 Acq On : 10 May 2002 12:27 am
 Sample : sample
 Misc :
 MS Integration Params: lscint.e
 Quant Time: May 10 8:21 2002

Vial: 15
 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\020509\10237.D
Acq On : 10 May 2002 12:27 am
Sample : sample
Misc :
MS Integration Params: rteint.e

Vial: 15
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: 0.7 % of largest Peak
Max Peaks: 100
Peak Location: TOP

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

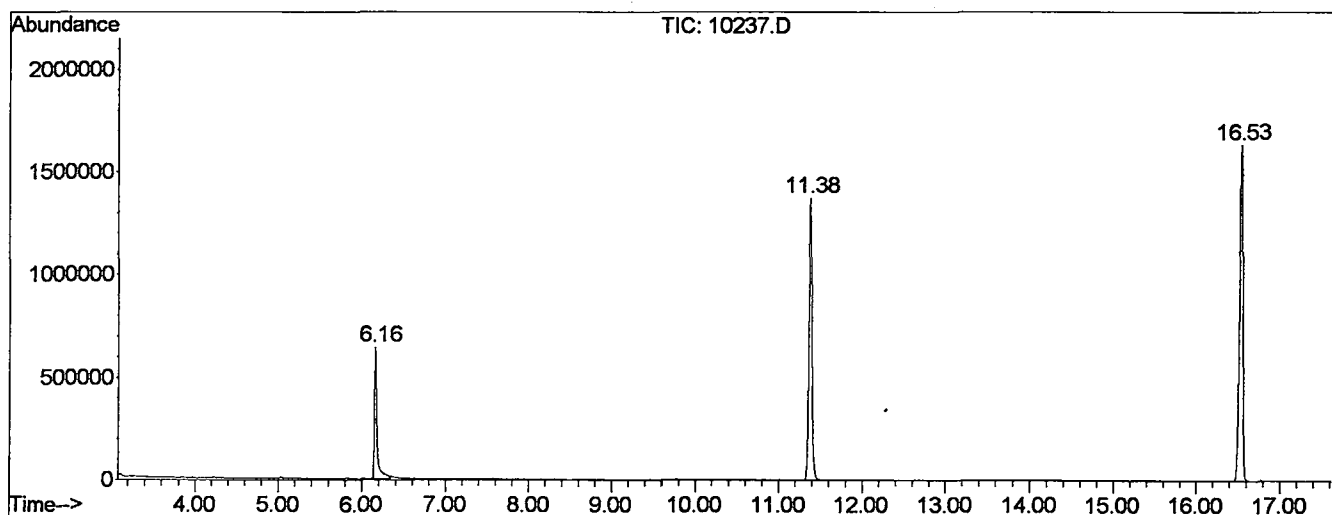
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.158	516	524	555	rBV	642600	1281209	25.84%	4.706%
2	11.375	1401	1412	1431	rBV	1371989	3477970	70.13%	12.775%
3	16.534	2272	2290	2307	rBV	1635915	4392894	88.58%	16.135%
4	24.460	3622	3639	3655	rBV	1636075	4610666	92.97%	16.935%
5	27.539	4145	4163	4174	rBV3	239913	664761	13.40%	2.442%
6	31.100	4757	4769	4779	rVB4	12677	36610	0.74%	0.134%
7	31.723	4857	4875	4897	rBV2	1642998	4959092	100.00%	18.215%
8	31.952	4905	4914	4924	rVB4	14421	42734	0.86%	0.157%
9	39.931	6261	6272	6301	rBV2	2154466	4456630	89.87%	16.369%
10	43.156	6808	6821	6847	rBV	1575674	3302918	66.60%	12.132%

Sum of corrected areas: 27225484

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020509\10237.D
 Operator : Nefliu
 Acquired : 10 May 2002 12:27 am using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 15
 Quant File :SCAN020507.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020509\10237.D
 Acq On : 10 May 2002 12:27 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

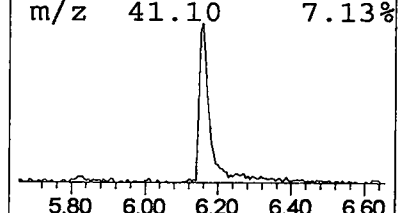
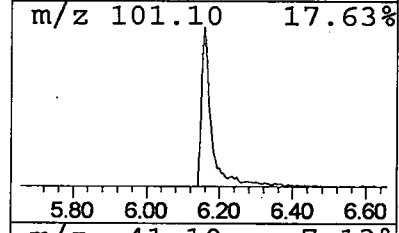
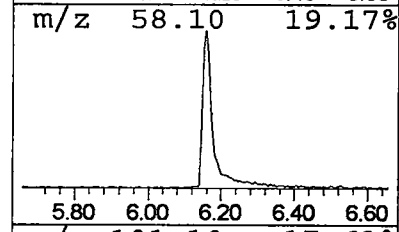
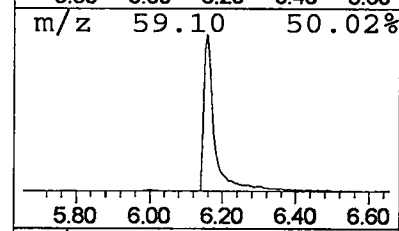
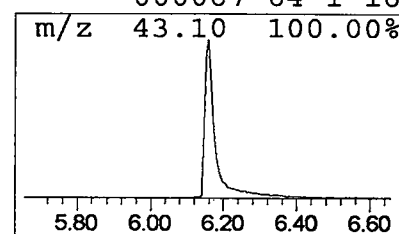
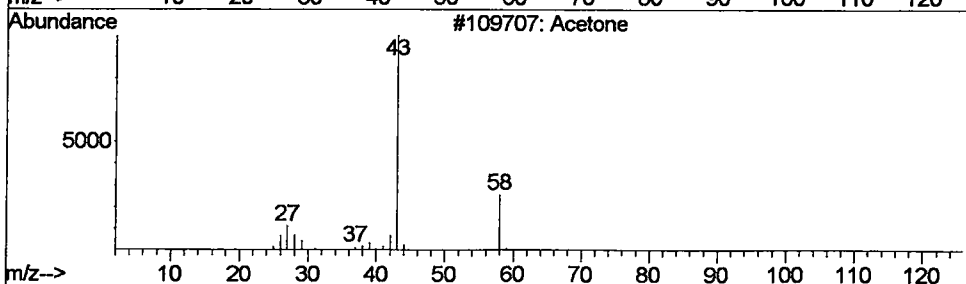
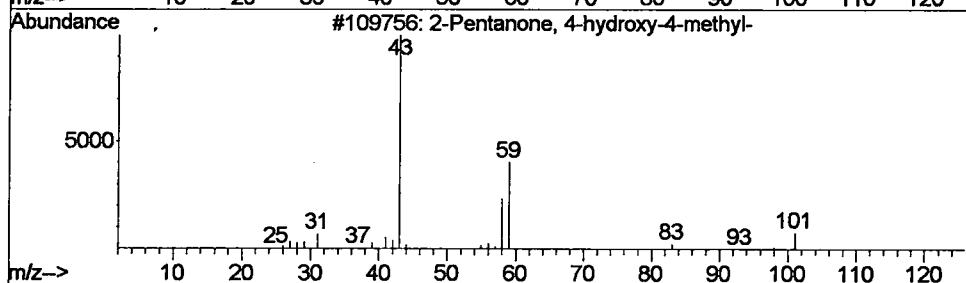
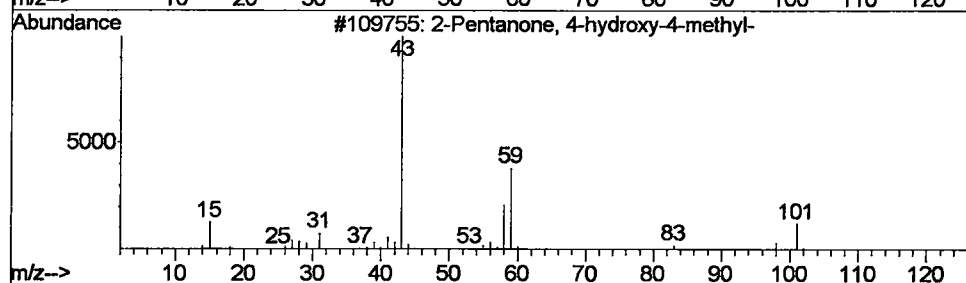
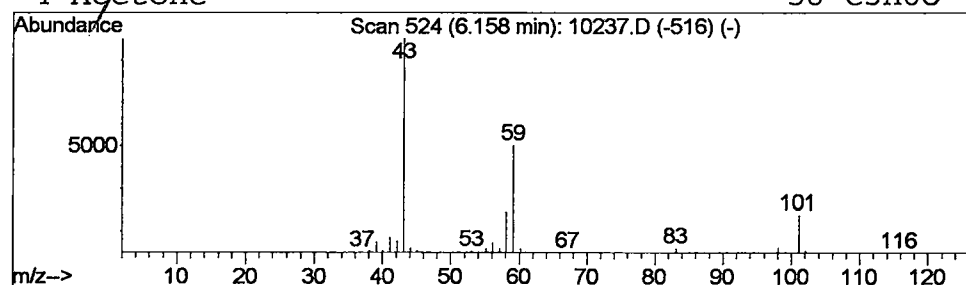
Vial: 15
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	14.74 ug/l	1281210	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	40
3			Acetone	58	C3H6O	000067-64-1	16
4			Acetone	58	C3H6O	000067-64-1	16



Library Search Compound Report

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Acq On : 10 May 2002 12:27 am
Sample : sample
Misc :
MS Integration Params: rteint.e

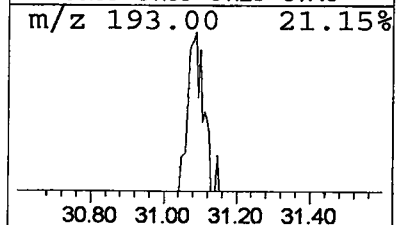
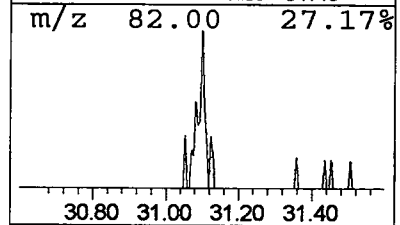
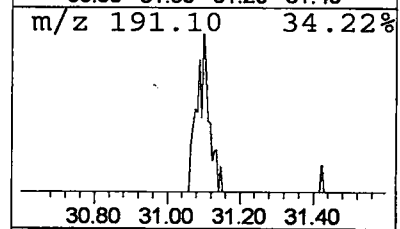
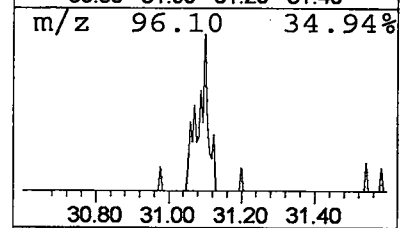
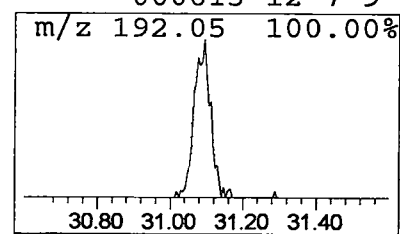
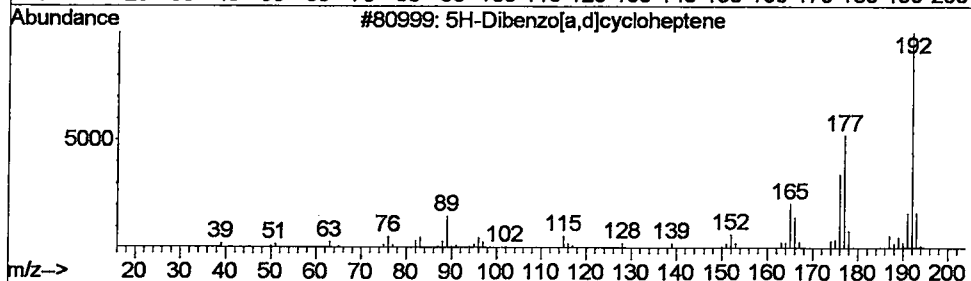
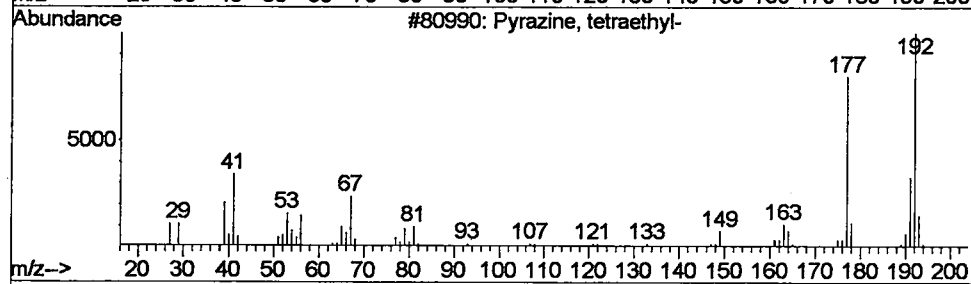
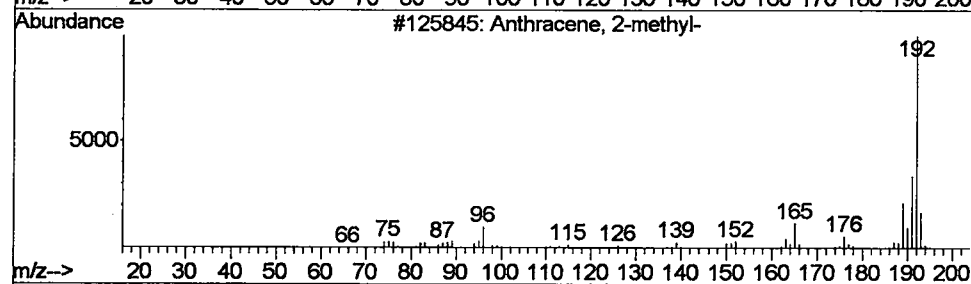
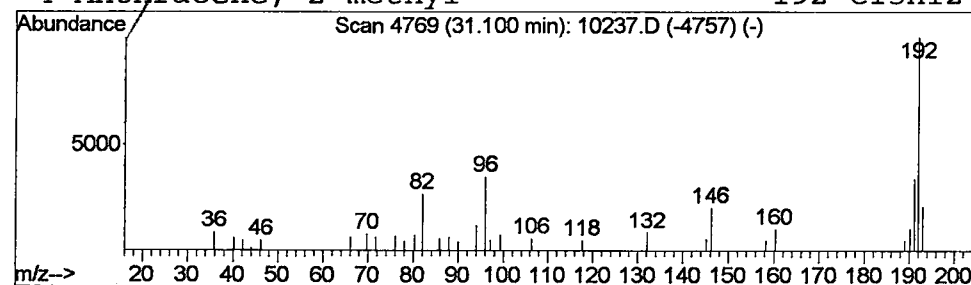
Vial: 15
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 2 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.10	0.30 ug/l	36610	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	50
2			Pyrazine, tetraethyl-	192	C12H20N2	038325-19-8	47
3			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	32
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	9



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020509\10237.D
Acq On : 10 May 2002 12:27 am
Sample : sample
Misc :
MS Integration Params: rteint.e

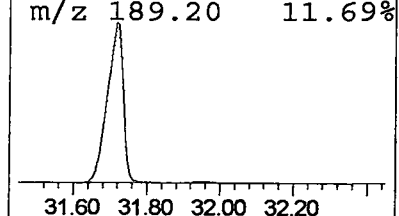
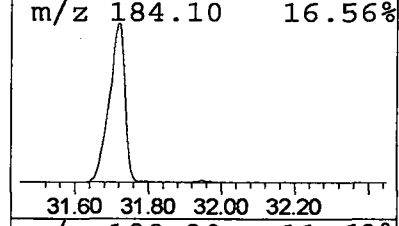
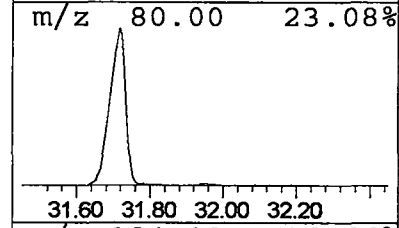
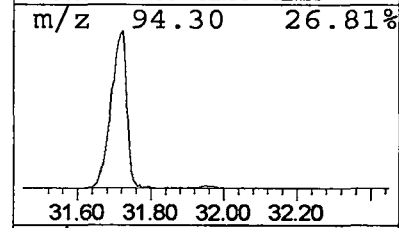
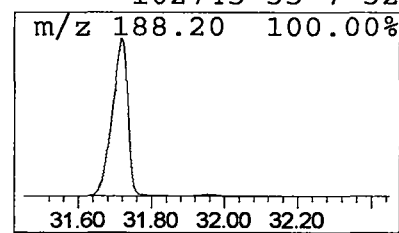
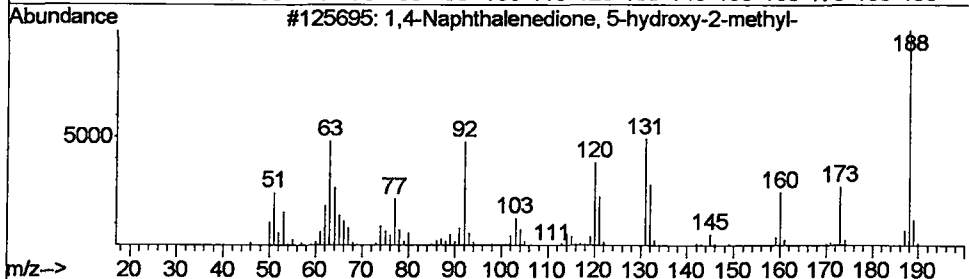
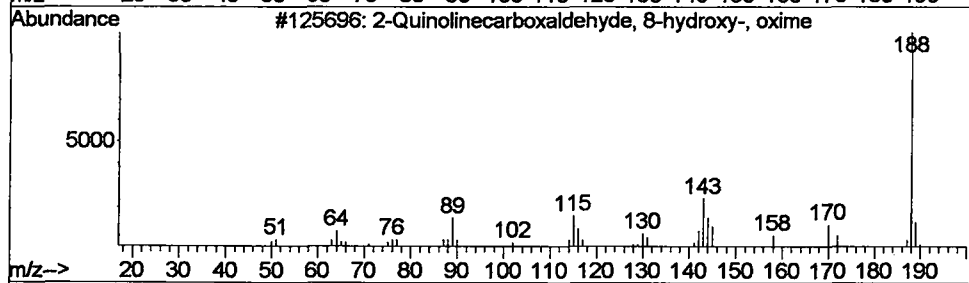
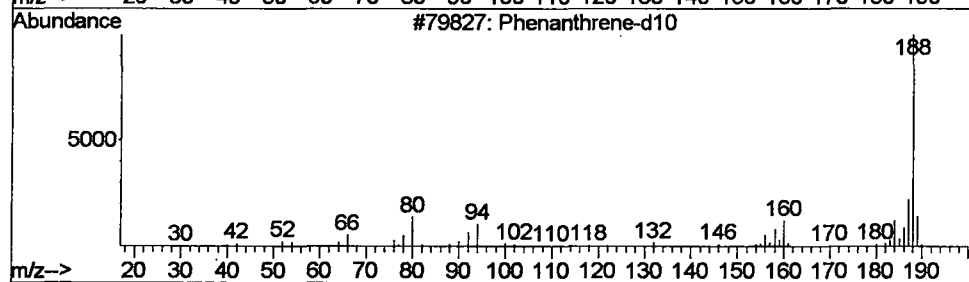
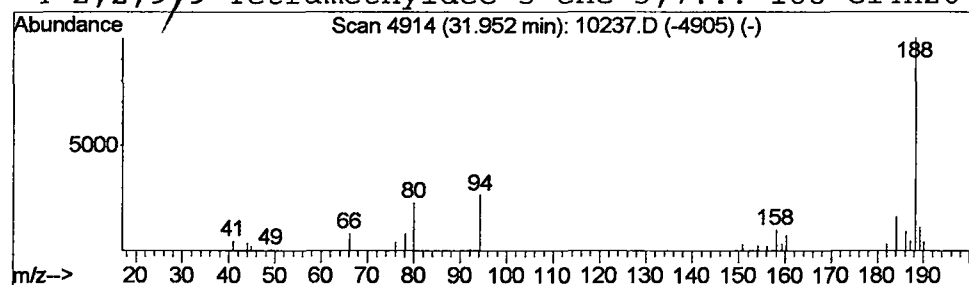
Vial: 15
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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-d10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.95	0.34 ug/l	42734	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	59		
2	2-Quinolincarboxaldehyde, 8-hyd...	188	C10H8N2O2	005603-22-5	38		
3	1,4-Naphthalenedione, 5-hydroxy-...	188	C11H8O3	000481-42-5	37		
4	2,2,9,9-Tetramethyldec-5-ene-3,7...	188	C14H20	102745-35-7	32		



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 10 May 2002 12:27 am
Data File: C:\MSDCHEM\1\DATA\020509\10237.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	14.7	ug/l	1281210	1	11.38	3477970	40.0
Anthracene, 2-met...	31.10	0.3	ug/l	36610	4	31.72	4959090	40.0
Phenanthrene-d10	31.95	0.3	ug/l	42734	4	31.72	4959090	40.0
<i>Anthracene-d10</i>								