

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/14/2002 Time: 14:23:11

Sample: AE10022
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/14/02 14:22 Ended: 5/14/02 14:22 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Quantity	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		74		10.0

Comments for Sample AE10022 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-14-2002 Time: 14:23:18

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

Data File : C:\MSDCHEM\1\DATA\020507\10022.D Vial: 21
 Acq On : 8 May 2002 7:50 am Operator: Nefliu
 Sample : sample Inst : Instrumen
 Misc : Multiplr: 1.00
 MS Integration Params: lscint.e
 Quant Time: May 09 09:48:08 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	541037	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	2062548	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	1096880	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1865576	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	1477816	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	962405	40.00	ug/l	-0.03

System Monitoring Compounds

27) TCMX	27.55	207	64815	7.40	ug/l	-0.03
Spiked Amount	10.000		Recovery	=	74.00%	

Target Compounds

						Qvalue
35) Di-n-butylphthalate	34.81	149	10417	0.18	ug/l	85
43) Bis(2-ethylhexyl)phthalate	40.52	149	49626	1.57	ug/l	83

 (#) = qualifier out of range (m) = manual integration (+) = signals summed
 10022.D SCAN020507.M Thu May 09 09:49:34 2002 Page 1

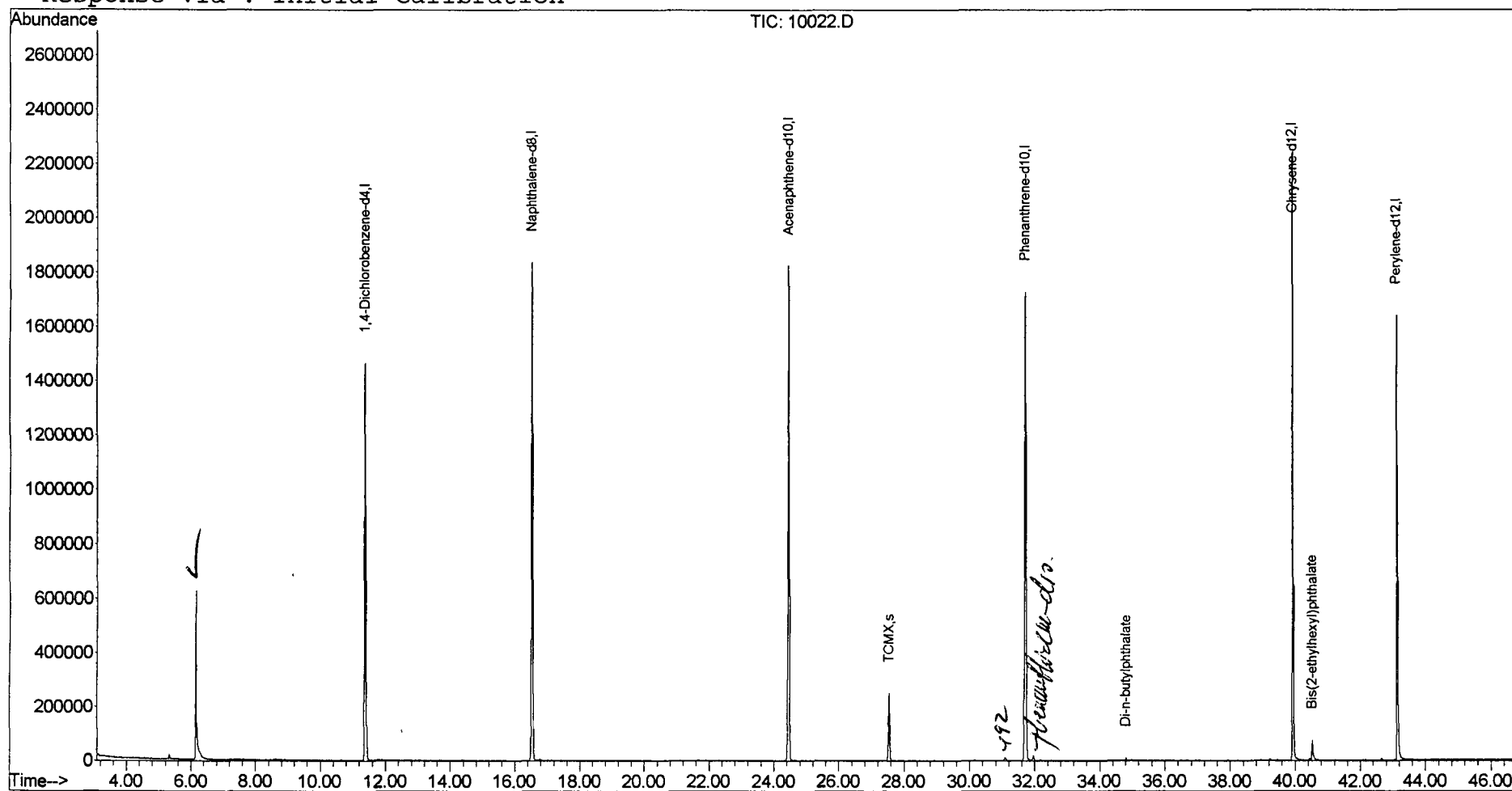
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020507\10022.D
 Acq On : 8 May 2002 7:50 am
 Sample : sample
 Misc :
 MS Integration Params: lscint.e
 Quant Time: May 9 9:49 2002

Vial: 21
 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\020507\10022.D
 Acq On : 8 May 2002 7:50 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

Vial: 21
 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

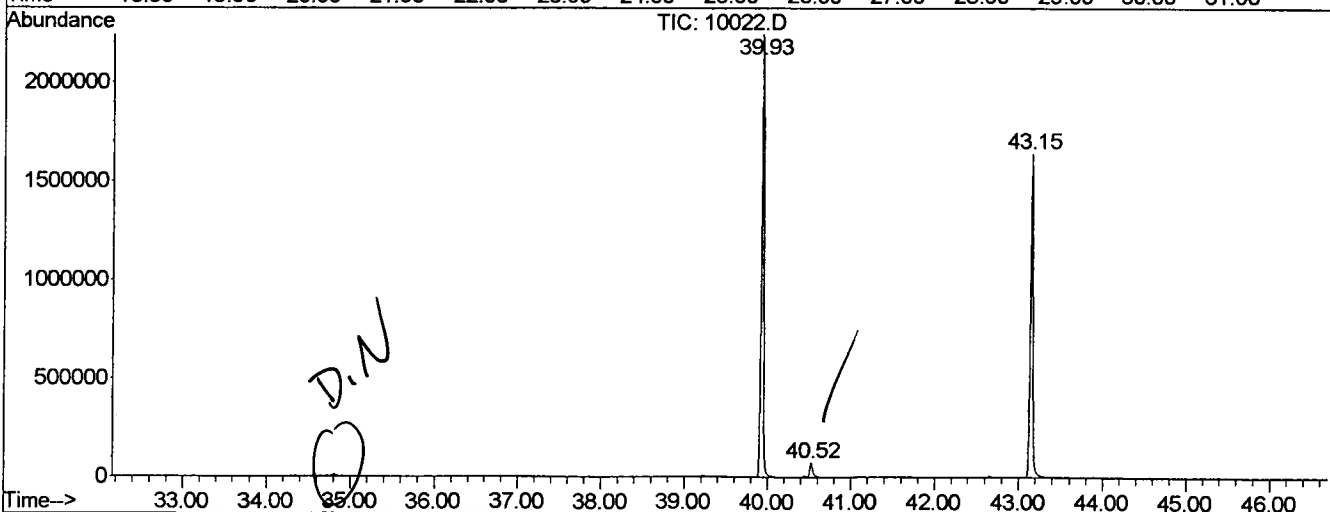
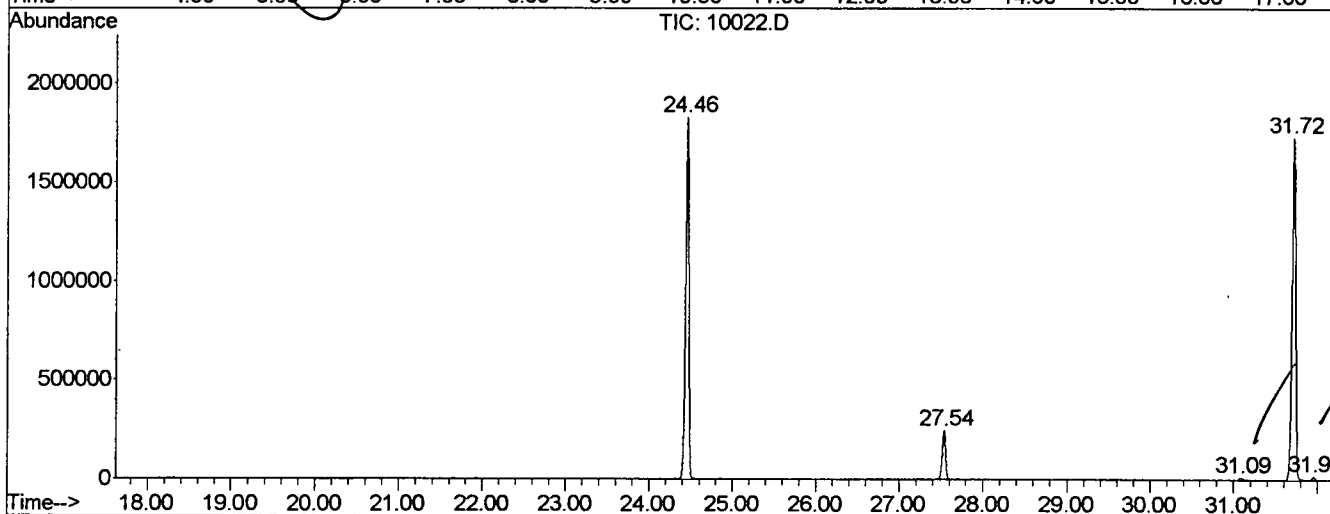
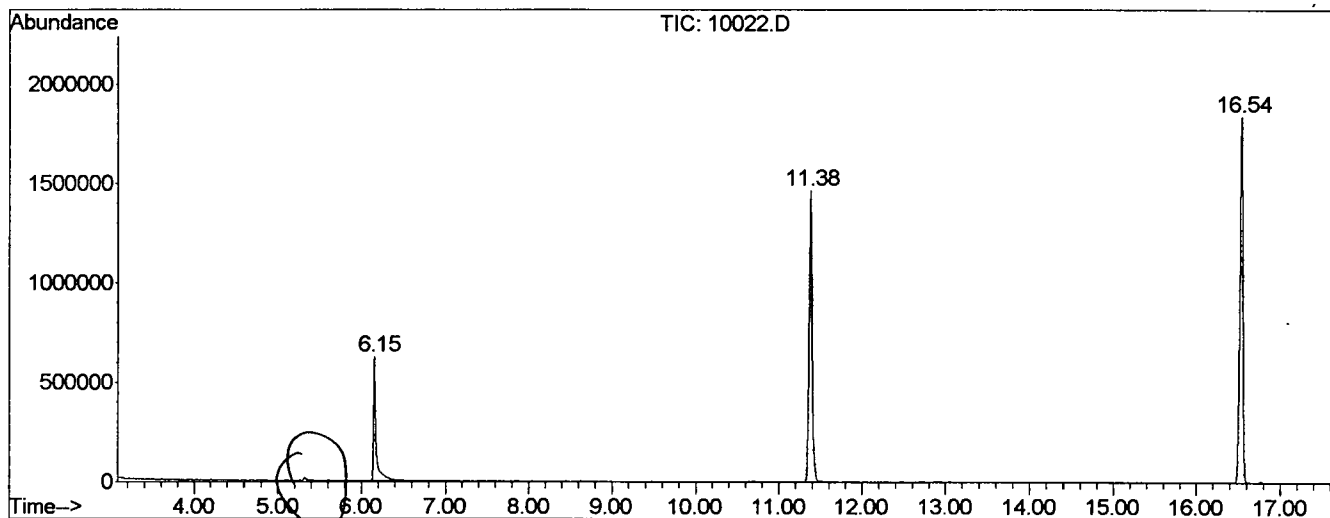
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.152	511	523	566	rBV	623877	1365067	26.13%	4.746%
2	11.375	1401	1412	1433	rBV	1461243	3735472	71.51%	12.987%
3	16.540	2274	2291	2302	rBV	1834944	4726005	90.47%	16.431%
4	24.460	3621	3639	3652	rBV	1824638	4899954	93.80%	17.036%
5	27.539	4147	4163	4175	rBV4	248267	674228	12.91%	2.344%
6	31.088	4757	4767	4778	rBV4	12844	42005	0.80%	0.146%
7	31.717	4857	4874	4887	rBV2	1727152	5223778	100.00%	18.162%
8	31.952	4907	4914	4927	rVB3	17464	45364	0.87%	0.158%
9	39.931	6261	6272	6288	rBV2	2240851	4463899	85.45%	15.520%
10	40.518	6365	6372	6392	rVV3	73720	196391	3.76%	0.683%
11	43.151	6809	6820	6840	rBV	1639145	3389983	64.90%	11.786%

Sum of corrected areas: 28762146

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020507\10022.D
 Operator : Nefliu
 Acquired : 8 May 2002 7:50 am using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 21
 Quant File :SCAN020507.RES (RTE Integrator)



Data File : C:\MSDCHEM\1\DATA\020507\10022.D
 Acq On : 8 May 2002 7:50 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

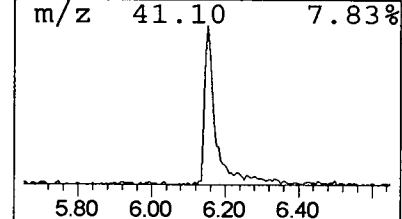
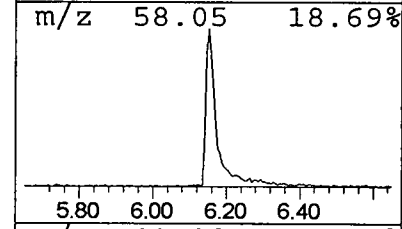
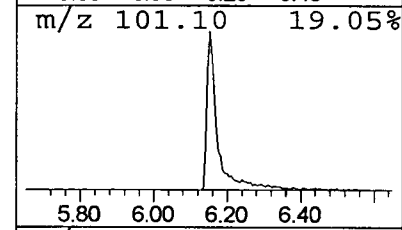
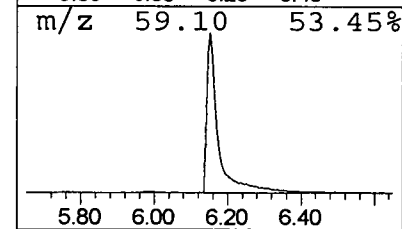
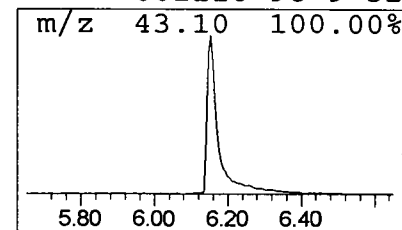
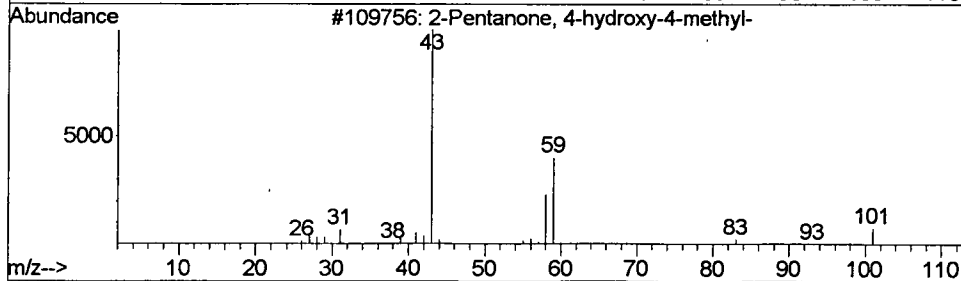
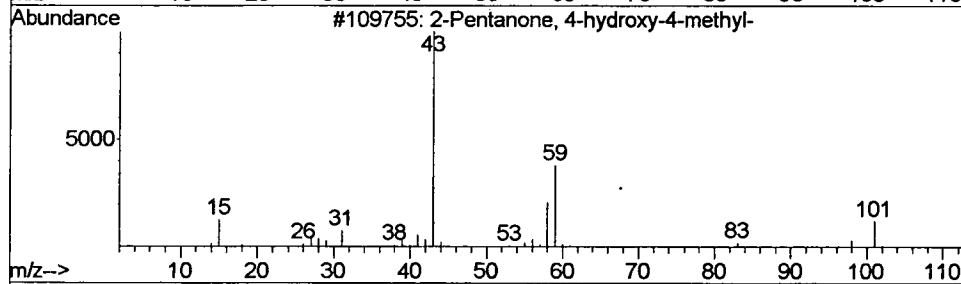
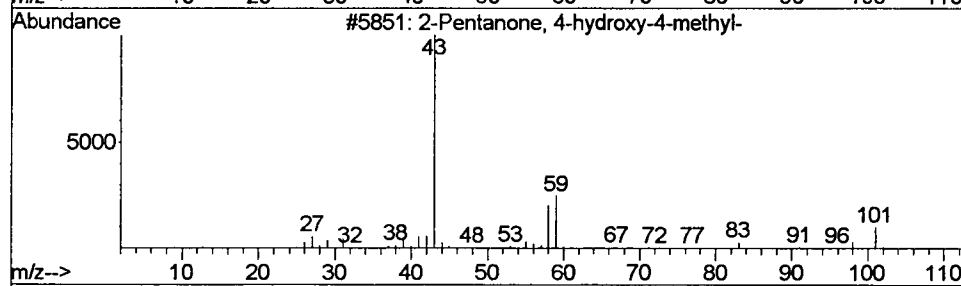
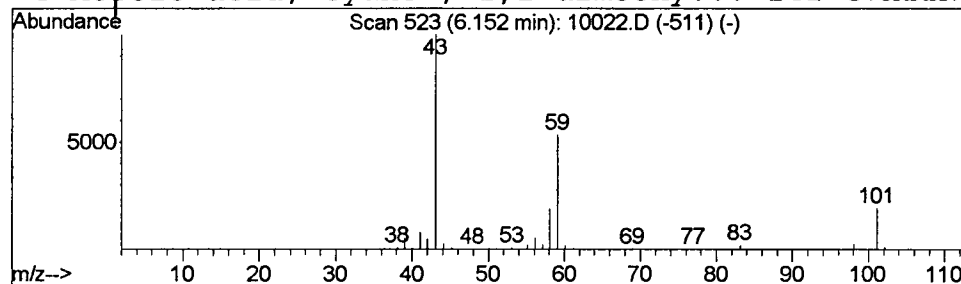
Vial: 21
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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.
6.15	14.62 ug/l	1365070	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	72
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	33
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32



Data File : C:\MSDCHEM\1\DATA\020507\10022.D
 Acq On : 8 May 2002 7:50 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

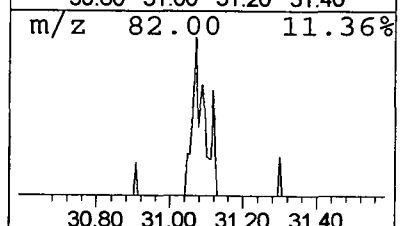
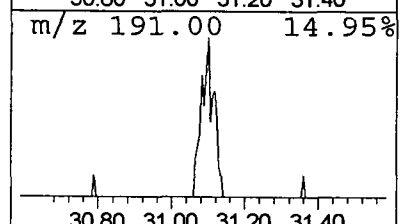
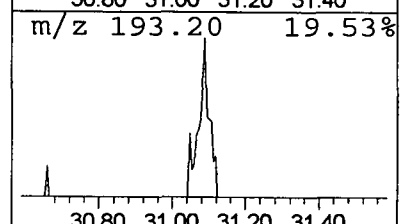
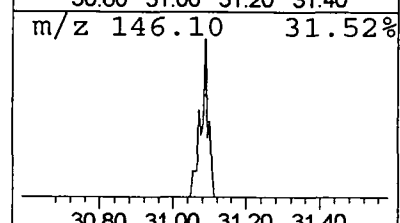
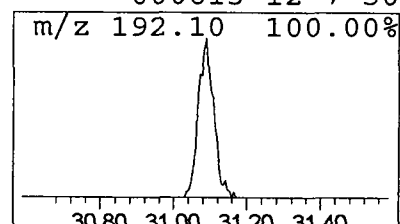
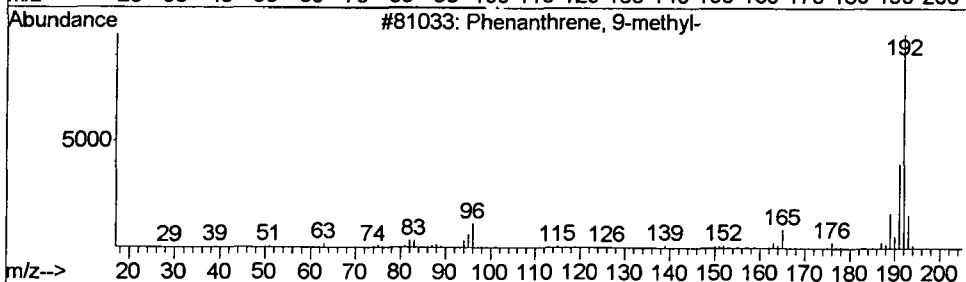
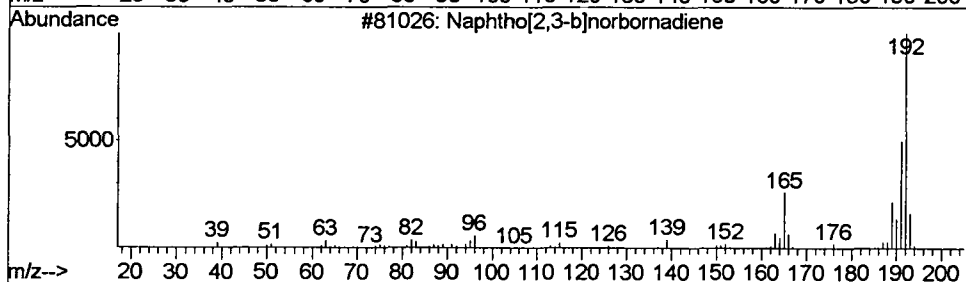
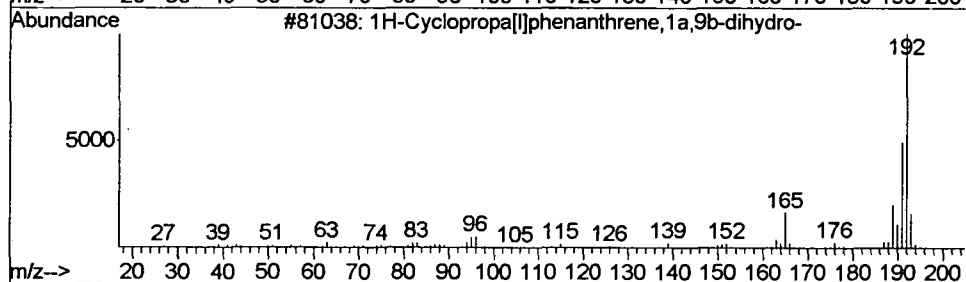
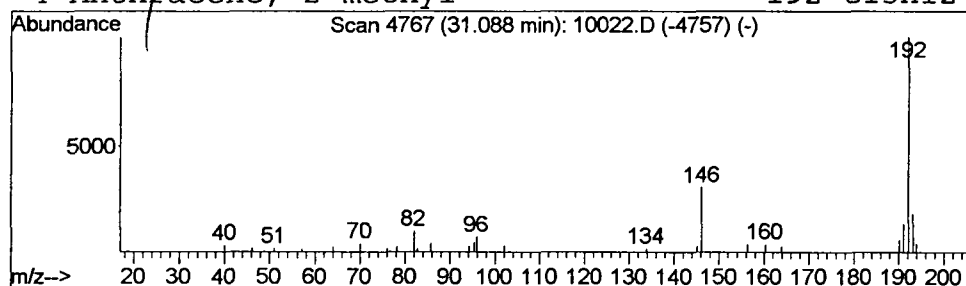
Vial: 21
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 2 1H-Cyclopropa[l]phenanthren... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.32 ug/l	42005	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	50
2			Naphtho[2,3-b]norbornadiene	192	C15H12	1000210-52-3	50
3			Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	50
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	50



Data File : C:\MSDCHEM\1\DATA\020507\10022.D
 Acq On : 8 May 2002 7:50 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

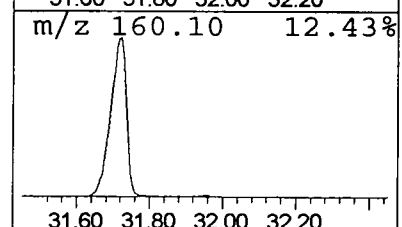
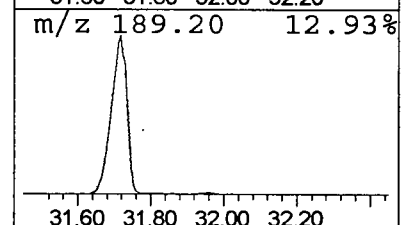
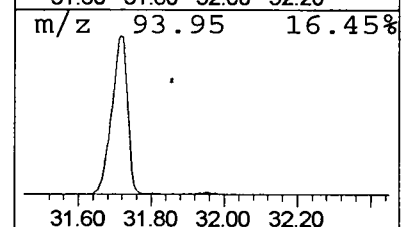
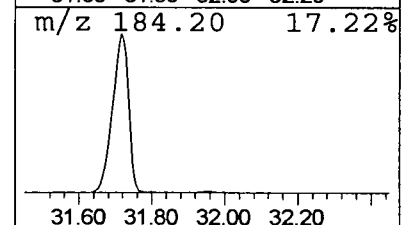
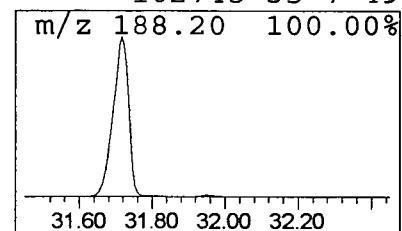
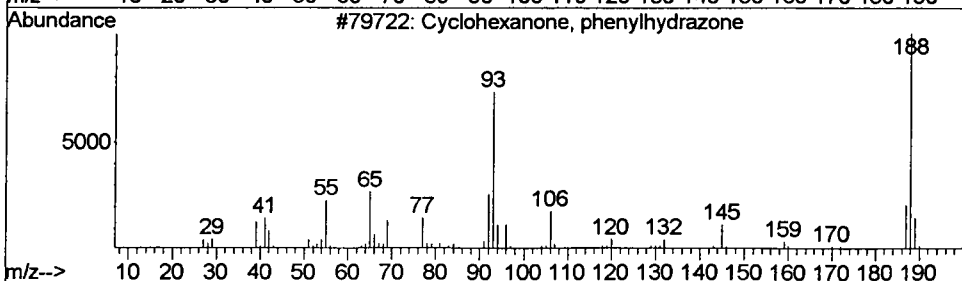
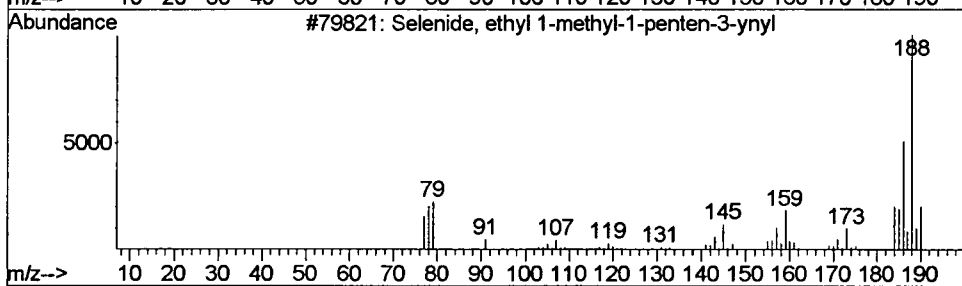
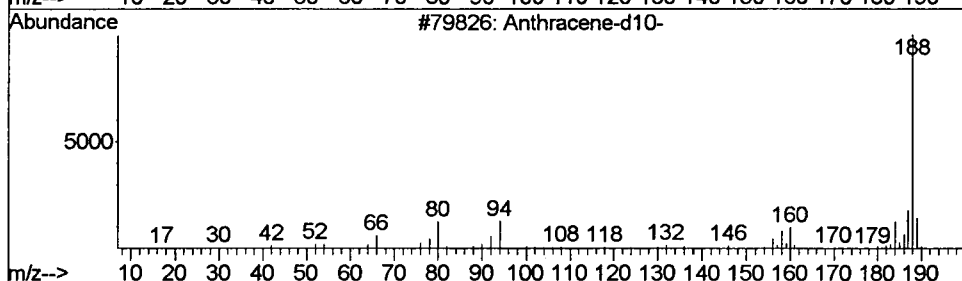
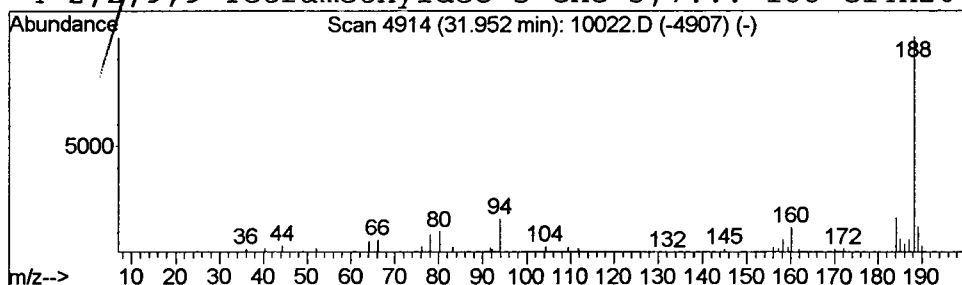
Vial: 21
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 3 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.95	0.35 ug/l	45364	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene-d10-	188	C14D10	001719-06-8	90
2			Selenide, ethyl 1-methyl-1-pente...	188	C8H12Se	025128-48-7	53
3			Cyclohexanone, phenylhydrazone	188	C12H16N2	000946-82-7	50
4			2,2,9,9-Tetramethyldec-5-ene-3,7...	188	C14H20	102745-35-7	49



Operator ID: Nefliu Date Acquired: 8 May 2002 7:50 am
Data File: C:\MSDCHEM\1\DATA\020507\10022.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	14.6	ug/l	1365070	1	11.38	3735470	40.0
1H-Cyclopropa...	31.09	0.3	ug/l	42005	4	31.72	5223780	40.0
Anthracene-d10-	31.95	0.3	ug/l	45364	4	31.72	5223780	40.0
<i>Phenanthrene-d10</i>								