

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/17/2002 Time: 14:02:49

Sample: AE10131
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/17/02 14:02 Ended: 5/17/02 14:02 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		96		10.0

Comments for Sample AE10131 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-17-2002 Time: 14:02:56

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\020513\10131.D Vial: 18
 Acq On : 14 May 2002 5:23 am Operator: Nefliu
 Sample : sample Inst : Instrumen
 Misc : Multiplr: 1.00
 MS Integration Params: rteint.e
 Quant Time: May 14 15:58:34 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	454886	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1685255	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.45	164	898599	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1537615	40.00	ug/l	-0.02
38) Chrysene-d12	39.94	240	1237507	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	761460	40.00	ug/l	-0.03
System Monitoring Compounds						
27) TCMX	27.54	207	68607	9.56	ug/l	-0.04
Spiked Amount	10.000		Recovery	=	95.60%	
Target Compounds						
43) Bis(2-ethylhexyl)phthalate	40.53	149	4338	0.16	ug/l	Qvalue 85

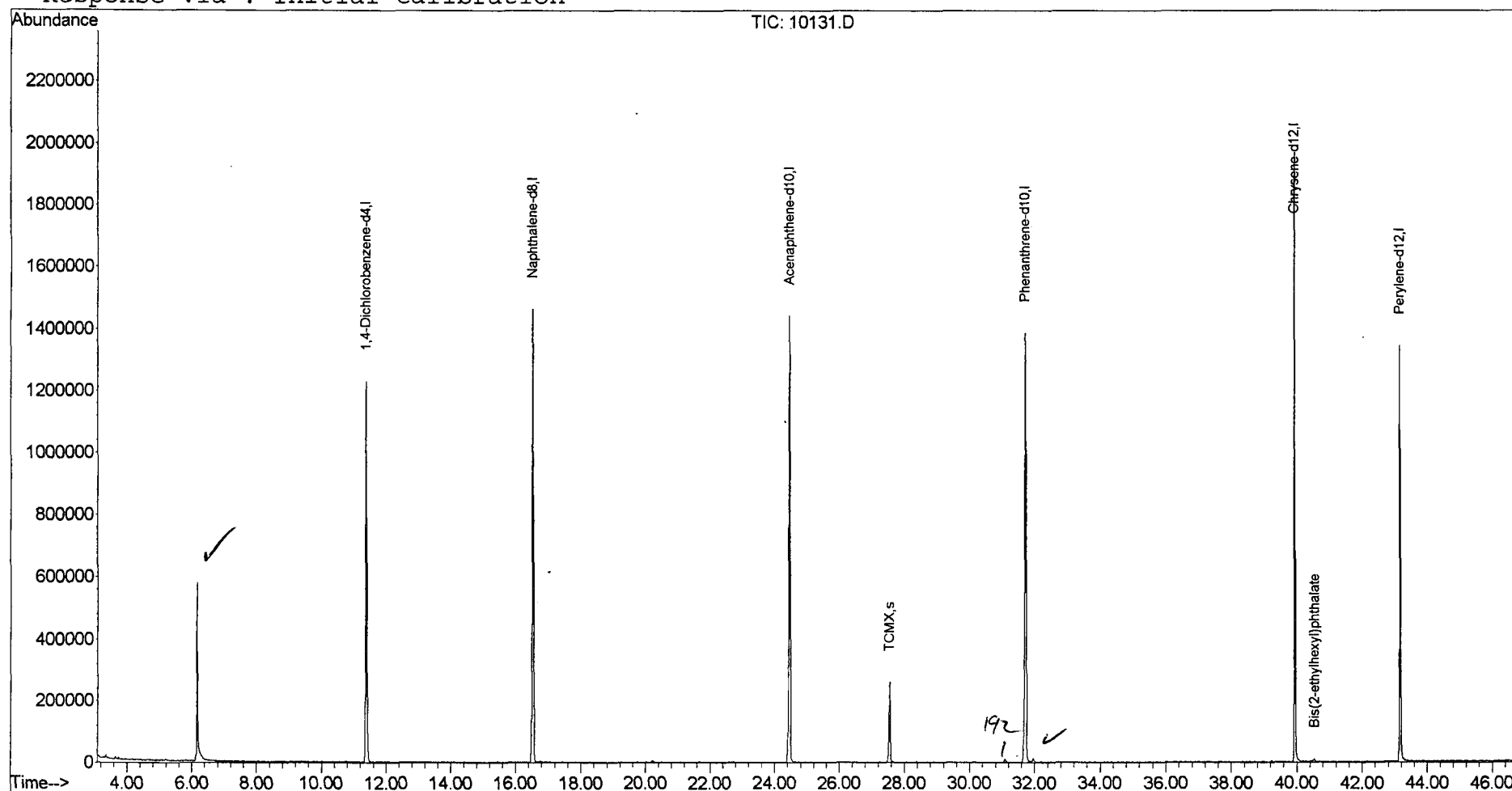
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020513\10131.D
 Acq On : 14 May 2002 5:23 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e
 Quant Time: May 14 16:00 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 09 09:21:01 2002
 Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020513\10131.D
 Acq On : 14 May 2002 5:23 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: 0.7 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

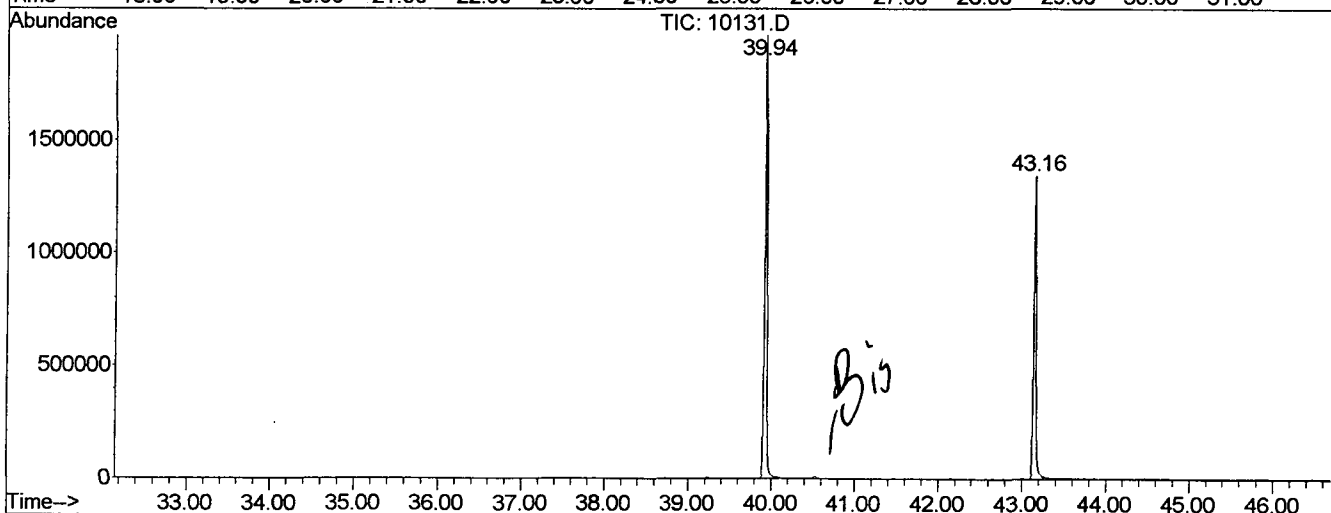
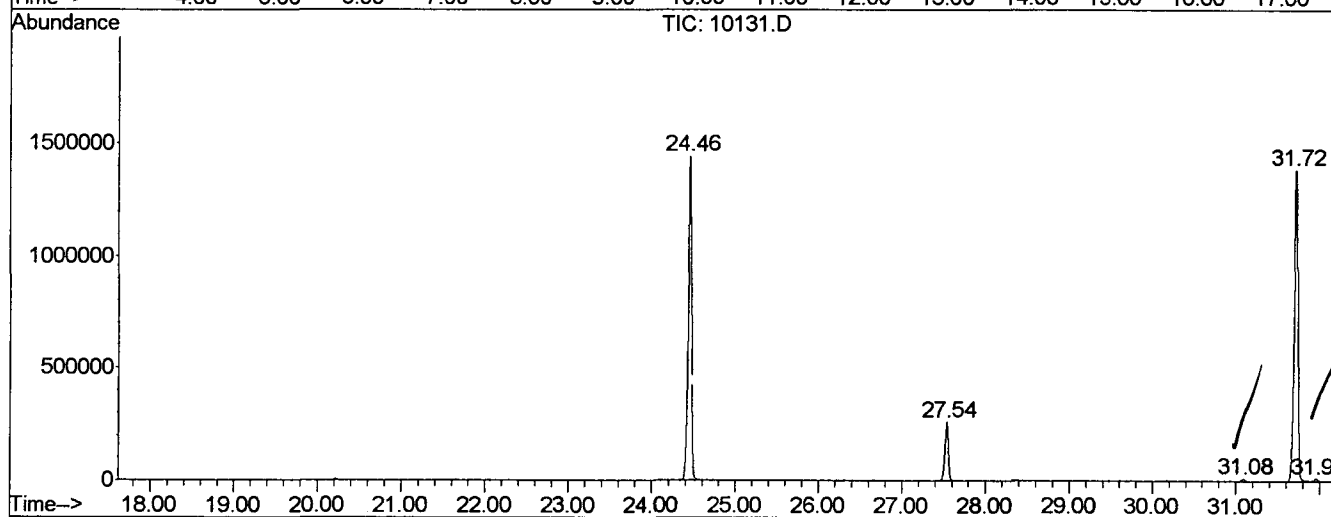
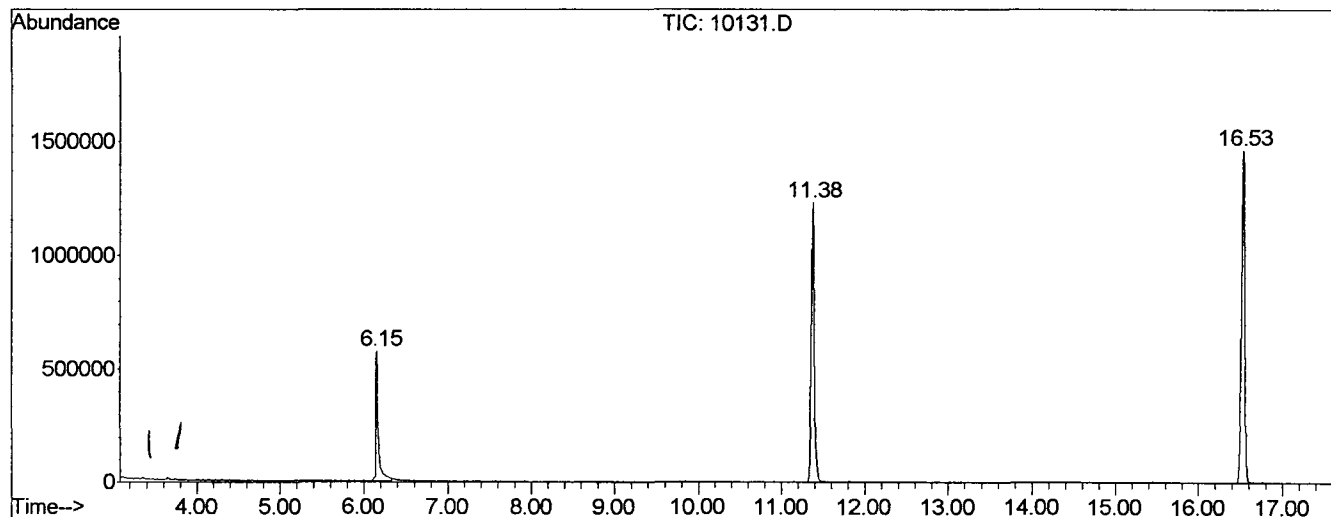
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.152	513	523	554	rBV	575256	1164413	26.84%	4.866%
2	11.375	1401	1412	1431	rBV	1229375	3154116	72.71%	13.181%
3	16.534	2272	2290	2306	rBV2	1463152	3916257	90.28%	16.366%
4	24.460	3621	3639	3663	rBV	1440566	4077258	93.99%	17.039%
5	27.539	4148	4163	4175	rBV3	259896	727416	16.77%	3.040%
6	31.082	4759	4766	4780	rBV6	10295	32063	0.74%	0.134%
7	31.717	4856	4874	4892	rBV3	1384912	4338028	100.00%	18.128%
8	31.958	4907	4915	4925	rVB5	11691	37166	0.86%	0.155%
9	39.937	6260	6273	6291	rBV2	1965287	3805298	87.72%	15.902%
10	43.156	6809	6821	6837	rBV2	1341105	2677444	61.72%	11.189%

Sum of corrected areas: 23929459

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020513\10131.D
 Operator : Nefliu
 Acquired : 14 May 2002 5:23 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\020513\10131.D
 Acq On : 14 May 2002 5:23 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

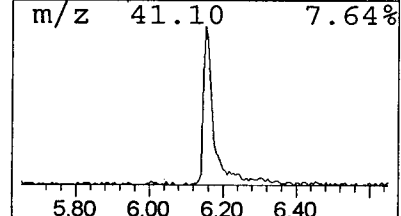
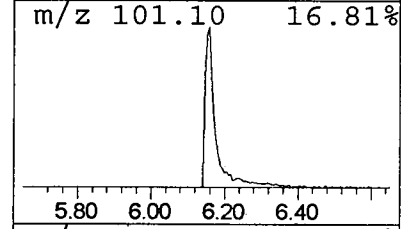
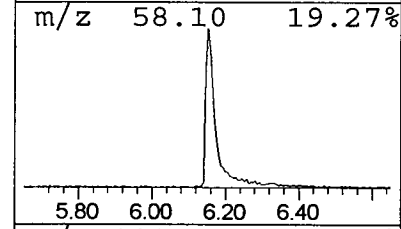
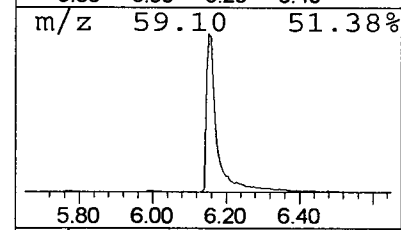
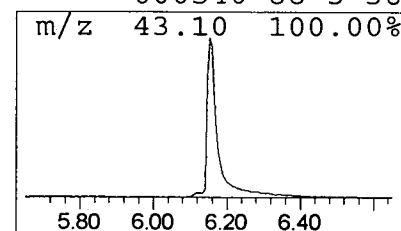
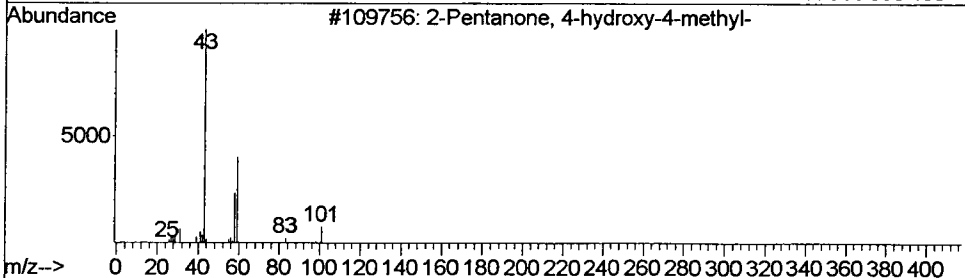
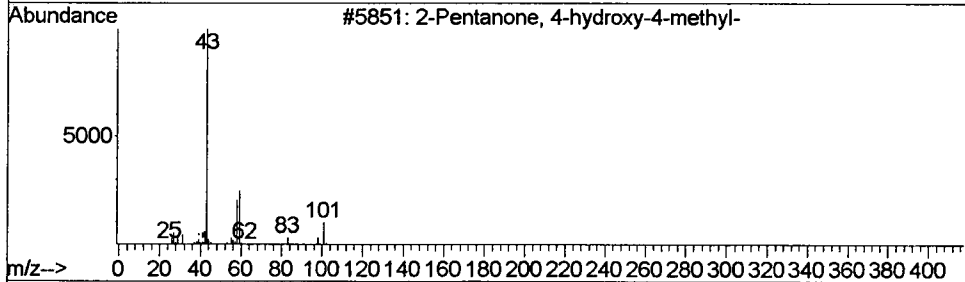
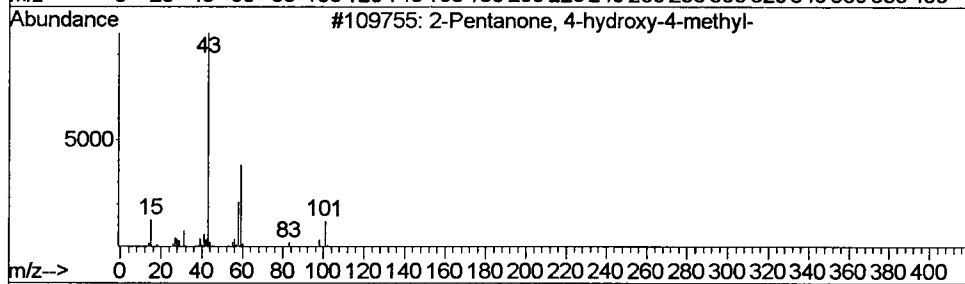
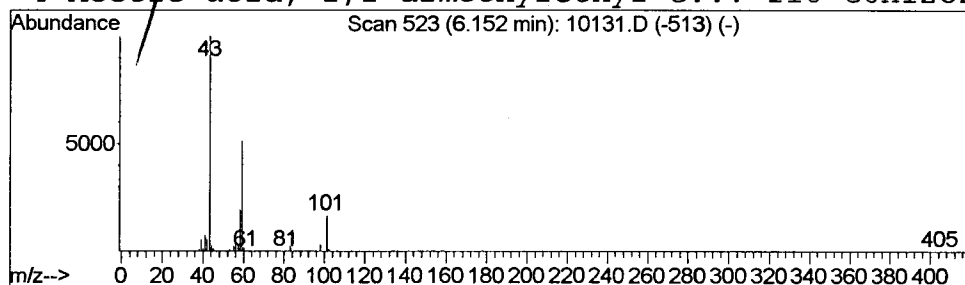
Vial: 18
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	14.77 ug/l	1164410	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	59		
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40		
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36		



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020513\10131.D
Acq On : 14 May 2002 5:23 am
Sample : sample
Misc :
MS Integration Params: rteint.e

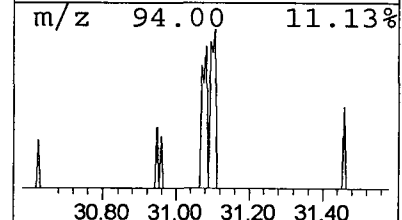
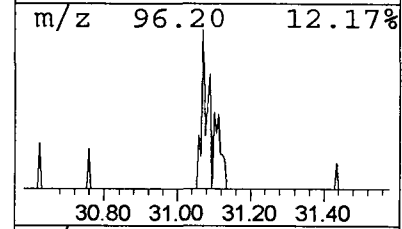
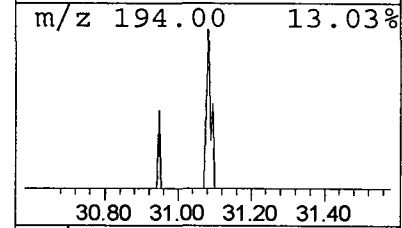
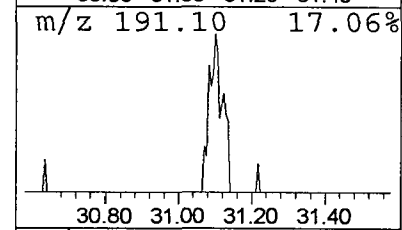
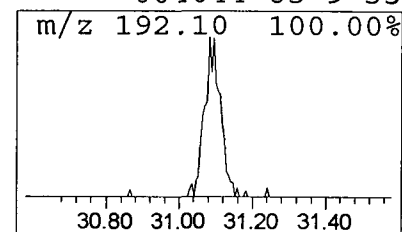
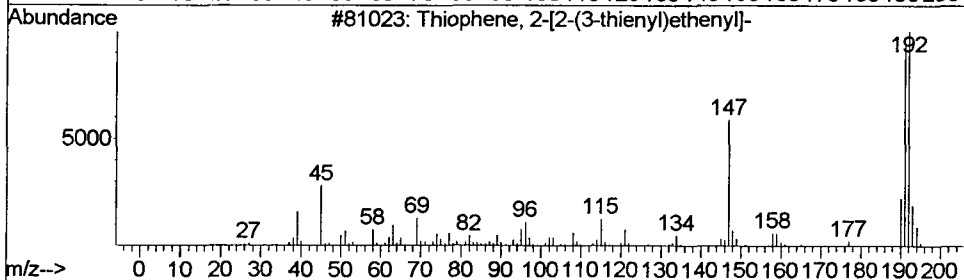
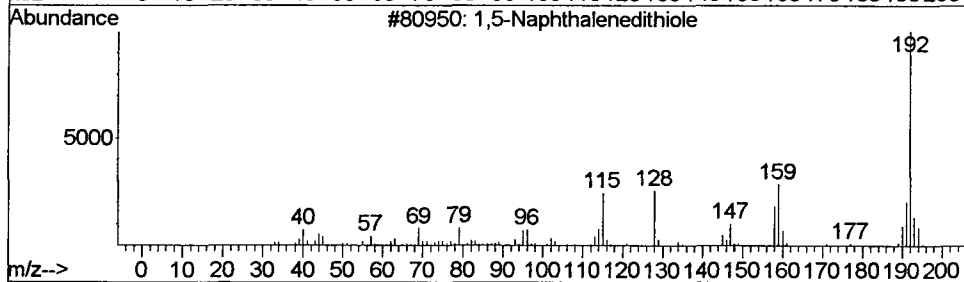
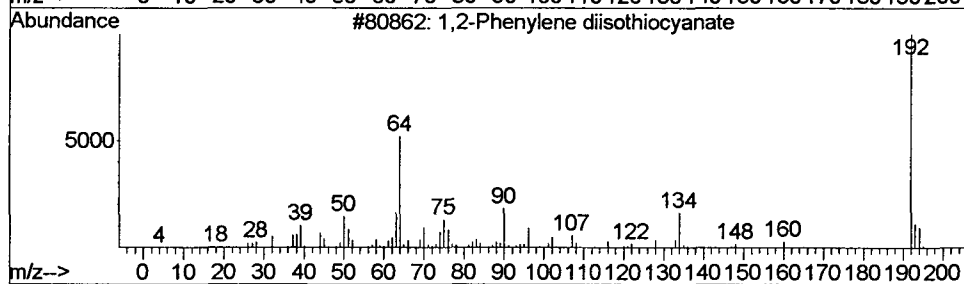
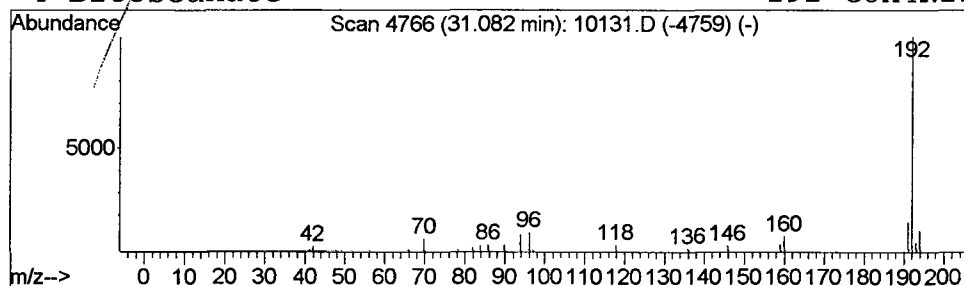
Vial: 18
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 2 1,2-Phenylene diisothiocyanate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.08	0.30 ug/l	32063	Phenanthrene-d10	31.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2-Phenylene diisothiocyanate	192	C8H4N2S2	071105-17-4	40
2		1,5-Naphthalenedithiole	192	C10H8S2	1000223-69-5	36
3		Thiophene, 2-[2-(3-thienyl)ethen...]	192	C10H8S2	116854-09-2	33
4		Bitoscanate	192	C8H4N2S2	004044-65-9	33



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020513\10131.D
 Acq On : 14 May 2002 5:23 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

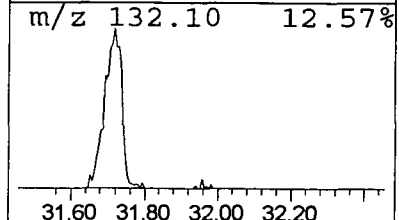
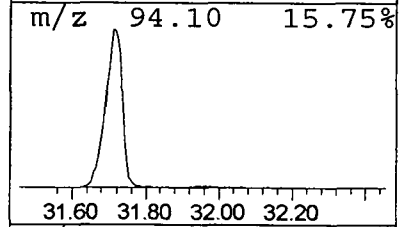
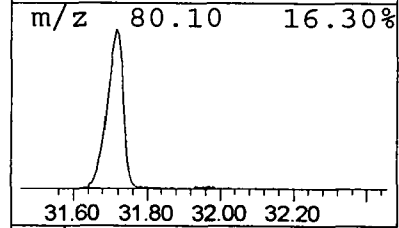
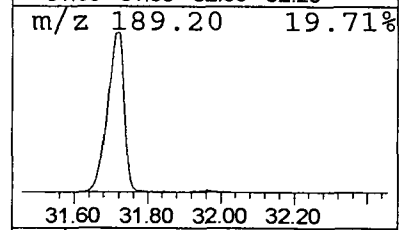
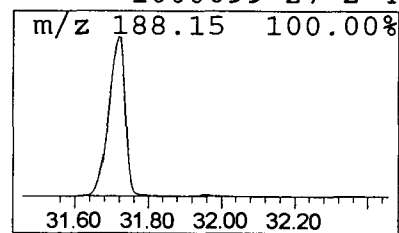
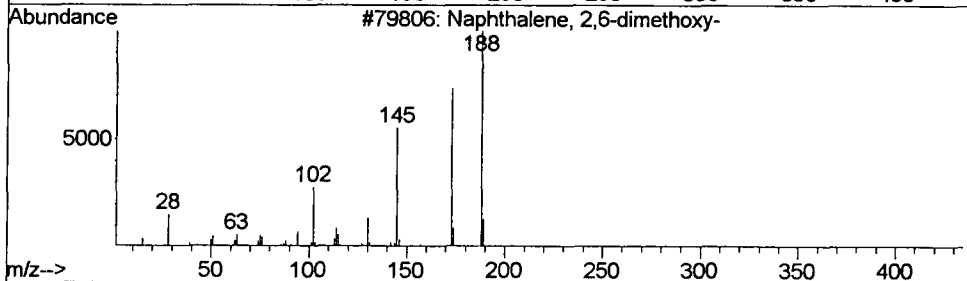
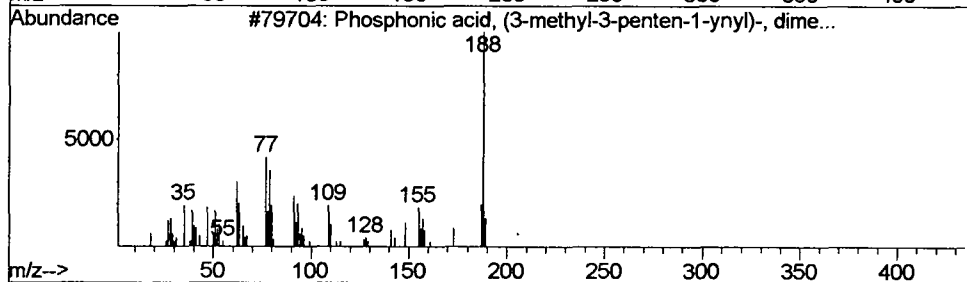
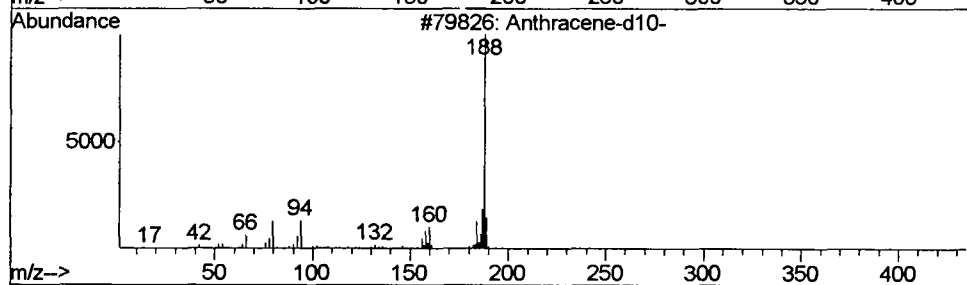
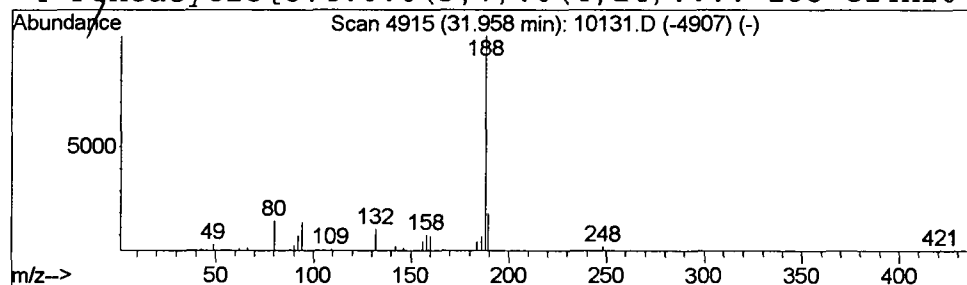
Vial: 18
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 3 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.34 ug/l	37166	Phenanthrene-d10	31.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene-d10-	188	C14D10	001719-06-8	83
2		Phosphonic acid, (3-methyl-3-pen...	188	C8H13O3P	022152-34-7	50
3		Naphthalene, 2,6-dimethoxy-	188	C12H12O2	005486-55-5	47
4		Pentacyclo[8.4.0.0(3,7).0(4,14)....	188	C14H20	1000099-27-2	45



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 14 May 2002 5:23 am
Data File: C:\MSDCHEM\1\DATA\020513\10131.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	14.8	ug/l	1164410	1	11.38	3154120	40.0
- 1,2-Phenylene dii...	31.08	0.3	ug/l	32063	4	31.72	4338030	40.0
- Anthracene-d10-	31.96	0.3	ug/l	37166	4	31.72	4338030	40.0