

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/17/2002 Time: 14:01:39

Sample: AE10130

Analysis: \$GCMS GCMS Scan For Unknowns

Units: ug

Started: 5/17/02 14:00 Ended: 5/17/02 14:00 Analyst: DLV

Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		92		10.0

Comments for Sample AE10130 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-17-2002 Time: 14:01:48

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\10130.D Vial: 17
Acq On : 14 May 2002 4:23 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e
Quant Time: May 14 15:57:08 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	456867	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1721391	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	910888	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1550690	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	1261010	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	750986	40.00	ug/l	-0.03
System Monitoring Compounds						
27) TCMX	27.54	207	66656	9.16	ug/l	-0.04
Spiked Amount	10.000		Recovery	=	91.60%	
Target Compounds						
43) Bis(2-ethylhexyl)phthalate	40.51	149	4820	0.18	ug/l	Qvalue 96

(#) = qualifier out of range (m) = manual integration (+) = signals summed
10130.D SCAN020507.M Tue May 14 15:58:16 2002 Page 1

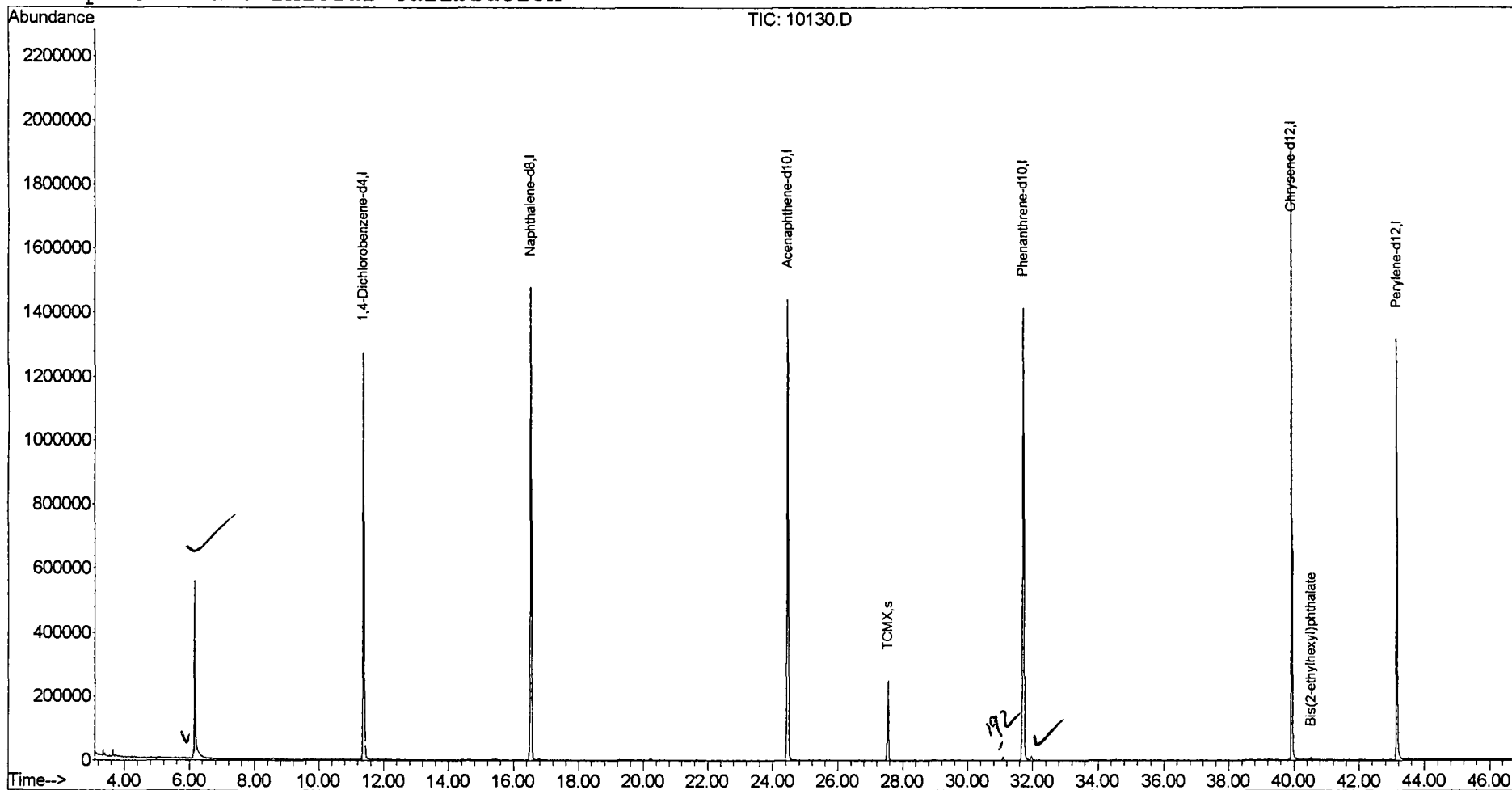
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020513\10130.D
 Acq On : 14 May 2002 4:23 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e
 Quant Time: May 14 15:58 2002

Vial: 17
 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\10130.D
 Acq On : 14 May 2002 4:23 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

Vial: 17
 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: 0.7 % 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

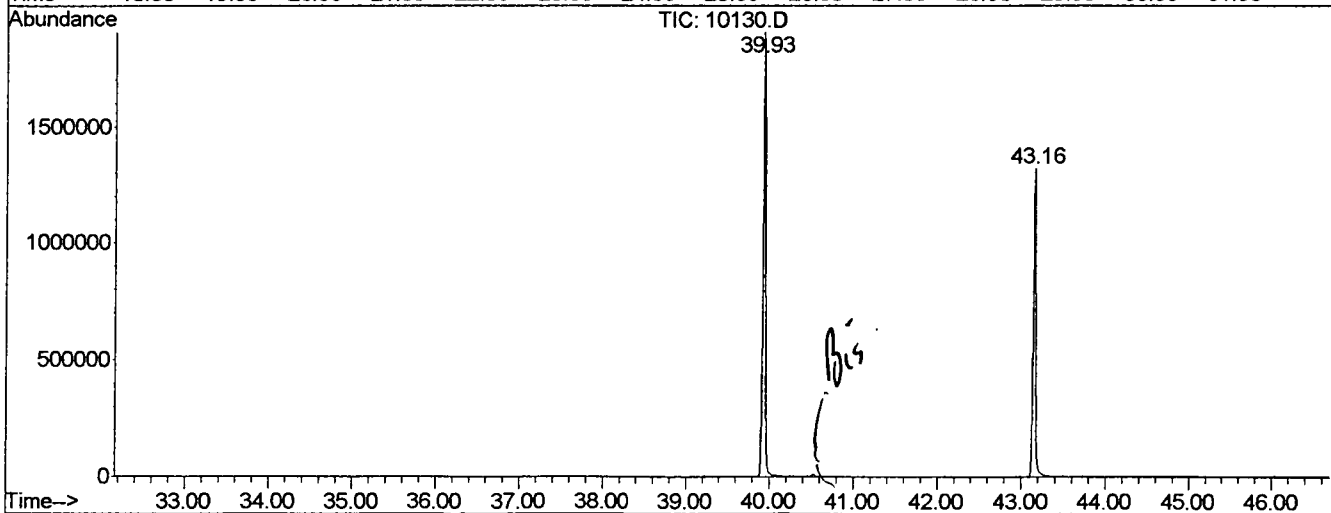
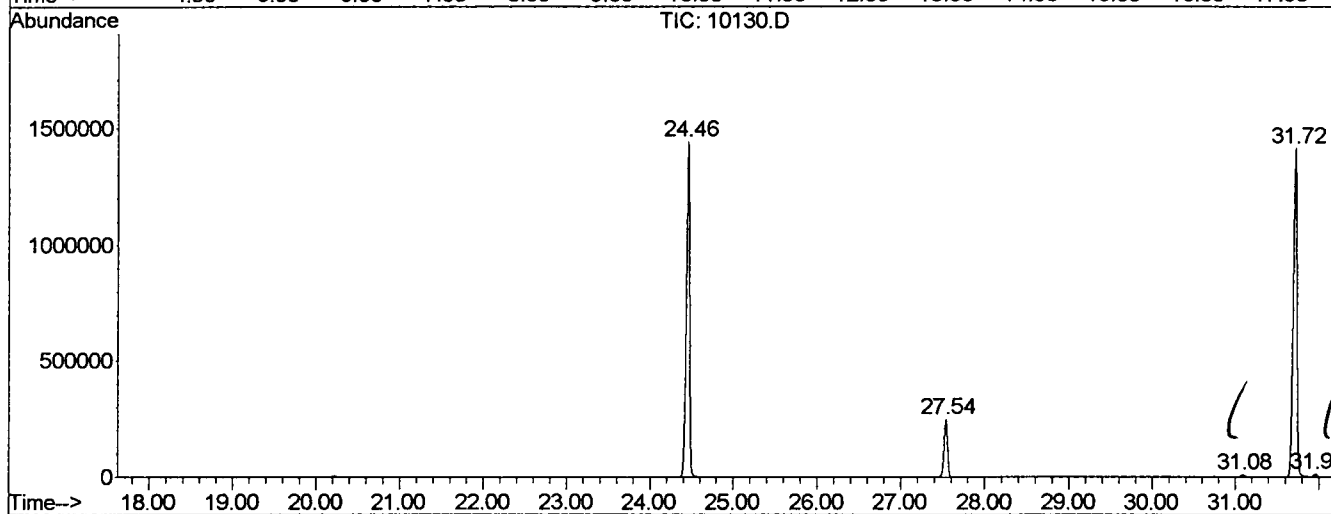
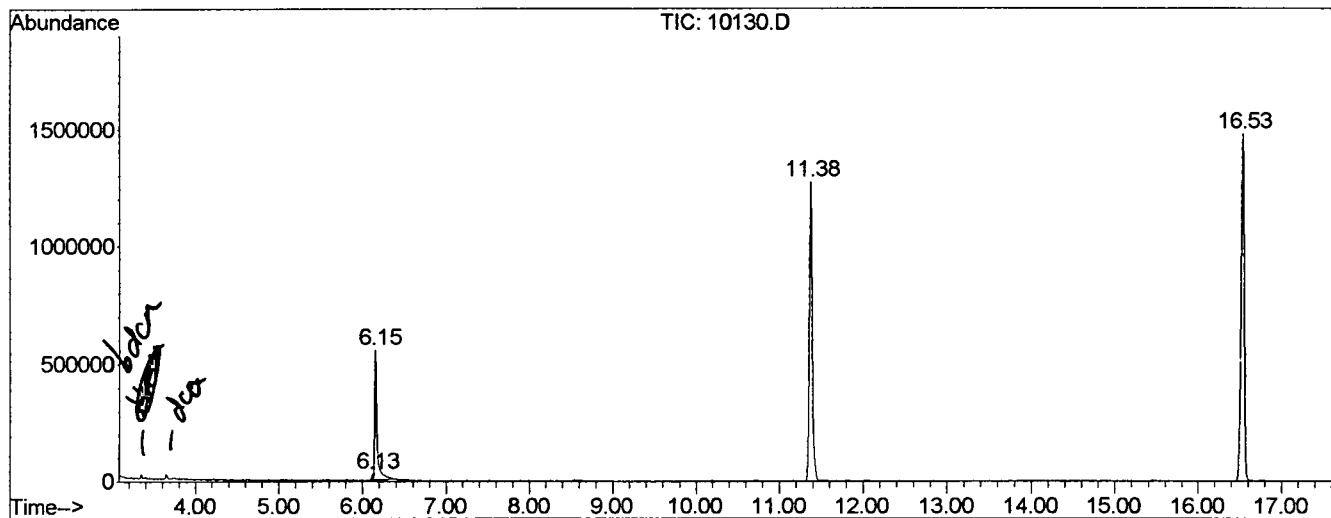
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.129	513	519	520	rBV	27472	41889	0.96%	0.175%
2	6.152	520	523	563	rVB	555193	1103572	25.40%	4.602%
3	11.376	1400	1412	1429	rBV	1274212	3175022	73.07%	13.241%
4	16.534	2271	2290	2311	rBV	1479729	3954946	91.02%	16.493%
5	24.461	3619	3639	3659	rBV	1441432	4082157	93.95%	17.024%
6	27.539	4148	4163	4174	rVB2	248618	694944	15.99%	2.898%
7	31.082	4752	4766	4775	rBV5	11516	36630	0.84%	0.153%
8	31.723	4856	4875	4893	rBV2	1415701	4345245	100.00%	18.121%
9	31.958	4908	4915	4928	rVB3	13476	37563	0.86%	0.157%
10	39.931	6259	6272	6290	rBV2	1903357	3827856	88.09%	15.963%
11	43.157	6806	6821	6848	rBV2	1318727	2679328	61.66%	11.174%

Sum of corrected areas: 23979152

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020513\10130.D
 Operator : Nefliu
 Acquired : 14 May 2002 4:23 am using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 17
 Quant File :SCAN020507.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020513\10130.D
Acq On : 14 May 2002 4:23 am
Sample : sample
Misc :
MS Integration Params: rteint.e

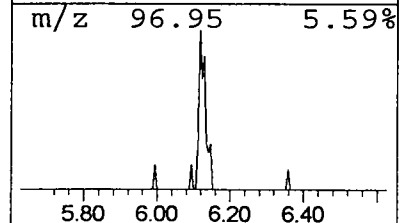
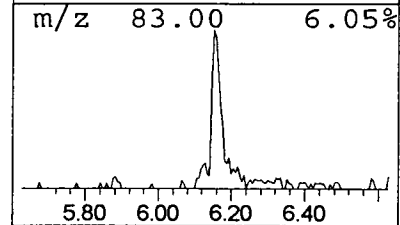
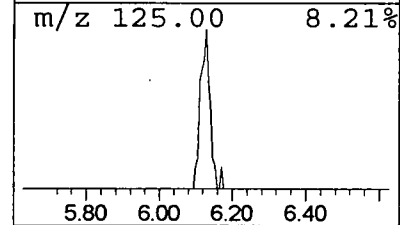
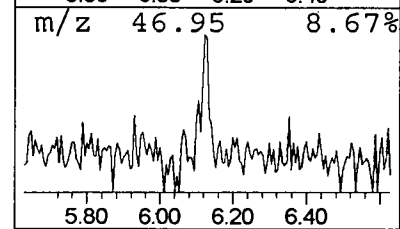
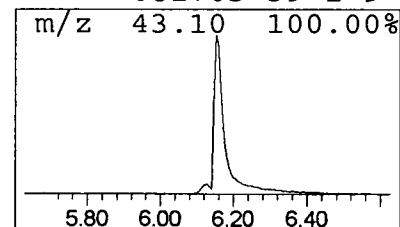
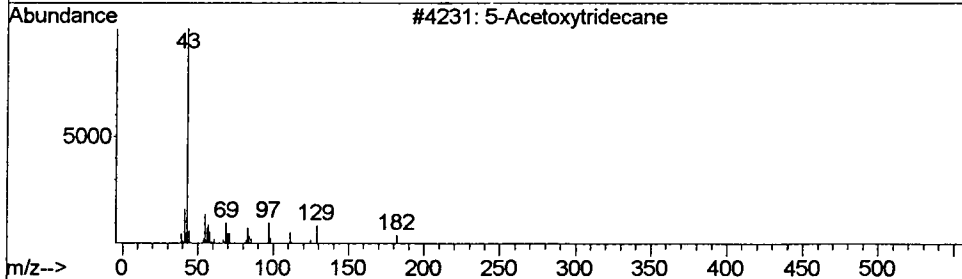
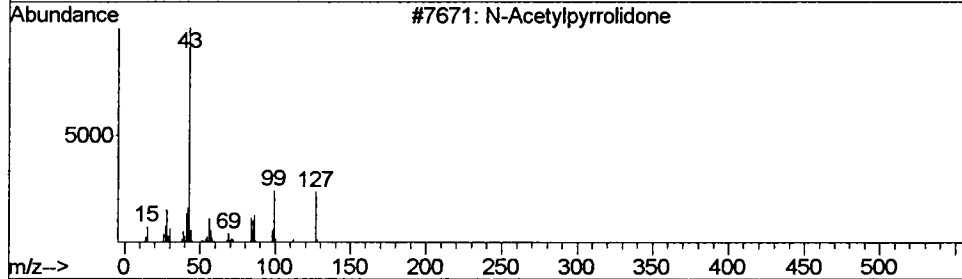
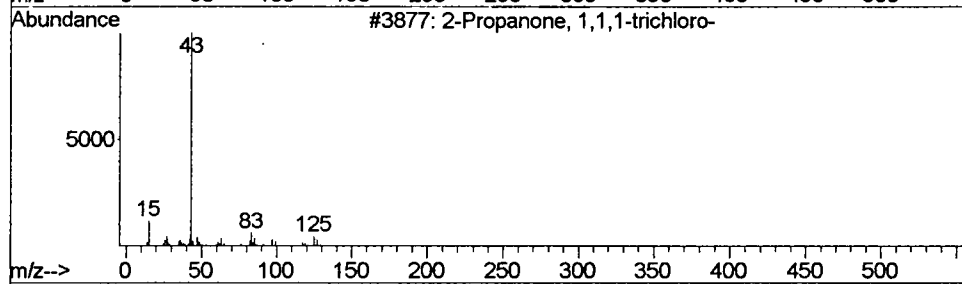
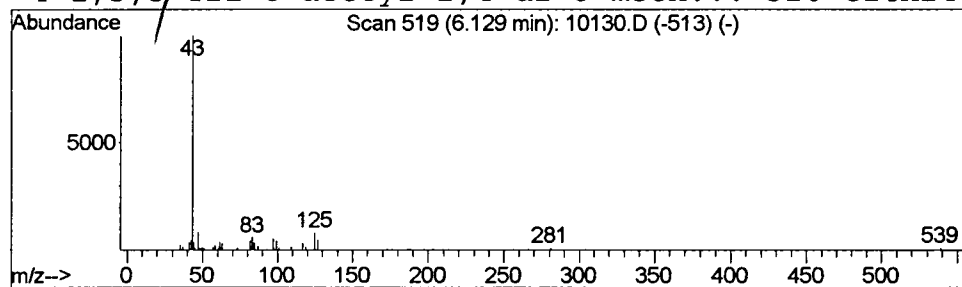
Vial: 17
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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-Propanone, 1,1,1-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.13	0.53 ug/l	41889	1,4-Dichlorobenzene-d4	11.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	43
2			N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	9
3			5-Acetoxytridecane	242	C15H30O2	1000245-61-5	9
4			1,3,5-Tri-O-acetyl-2,4-di-O-meth...	320	C14H24O8	081703-39-1	9



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020513\10130.D
 Acq On : 14 May 2002 4:23 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

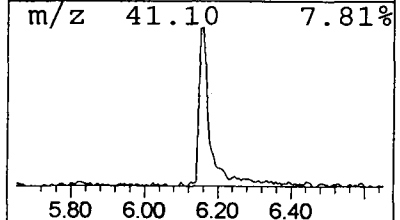
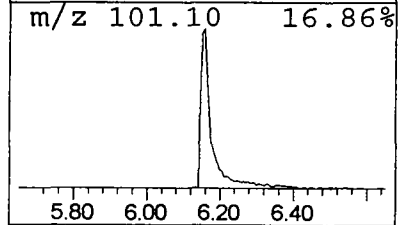
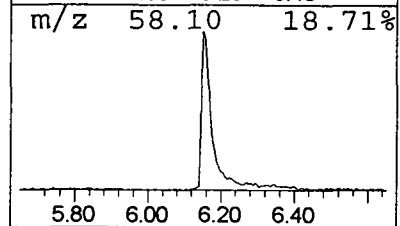
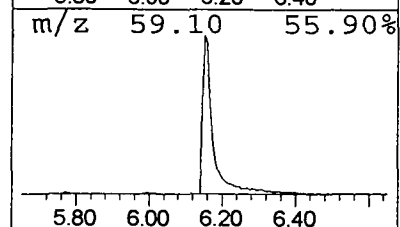
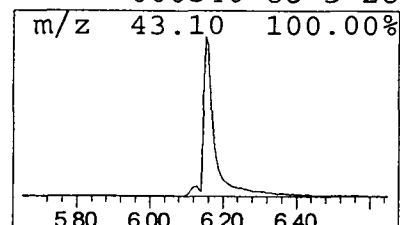
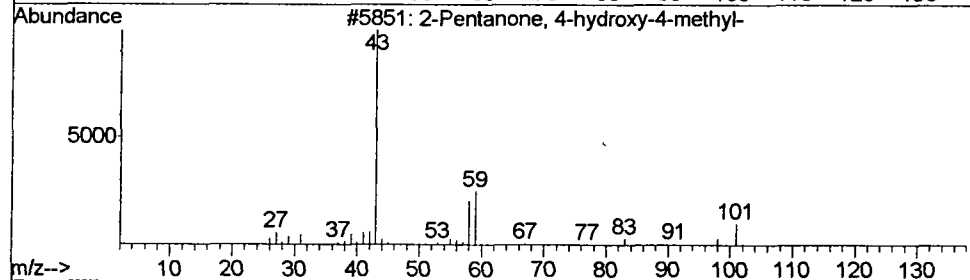
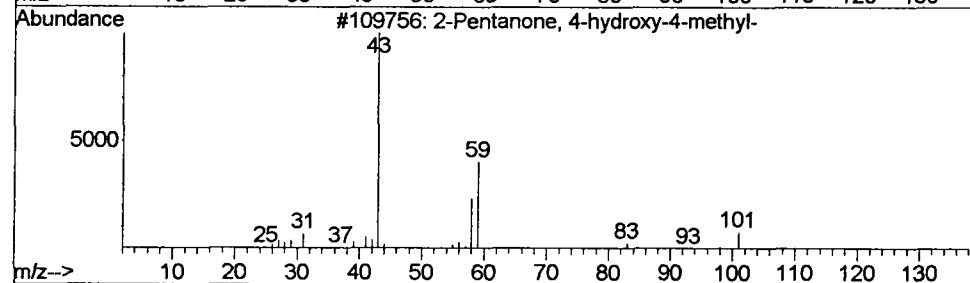
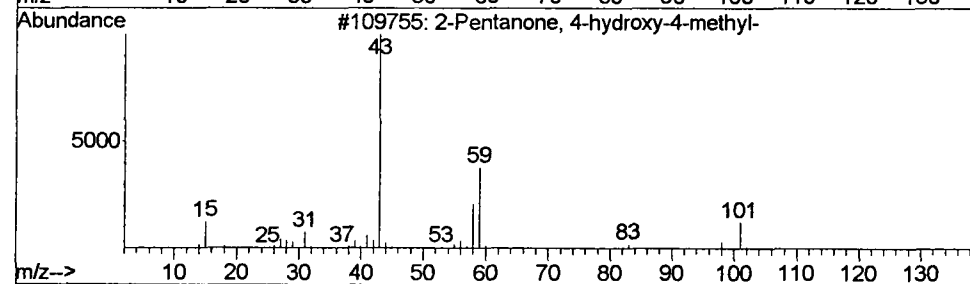
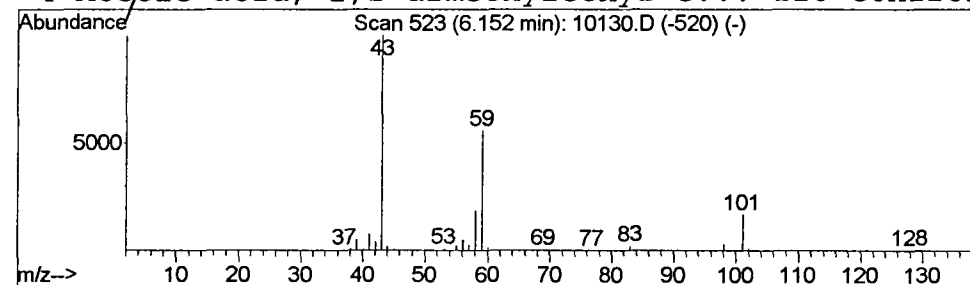
Vial: 17
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	13.90 ug/l	1103570	1,4-Dichlorobenzene-d4	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
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	28



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020513\10130.D
Acq On : 14 May 2002 4:23 am
Sample : sample
Misc :
MS Integration Params: rteint.e

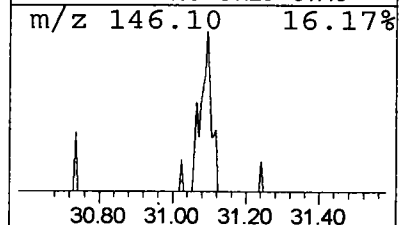
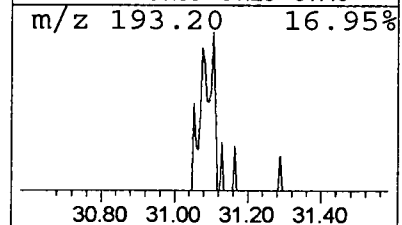
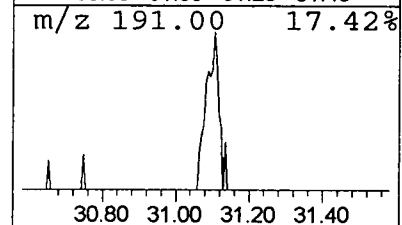
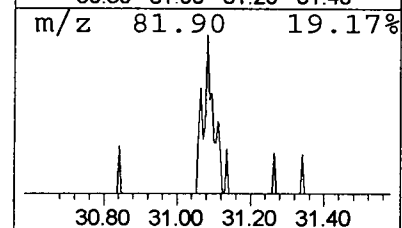
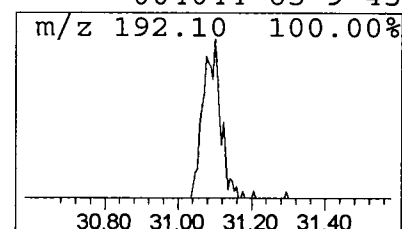
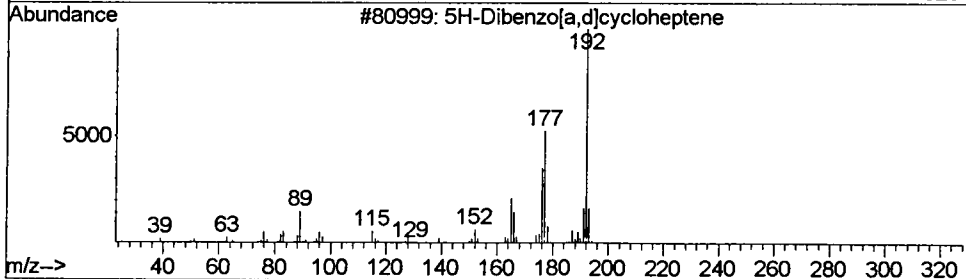
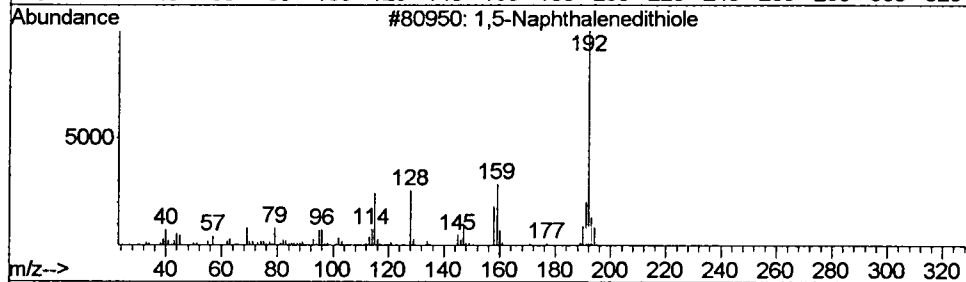
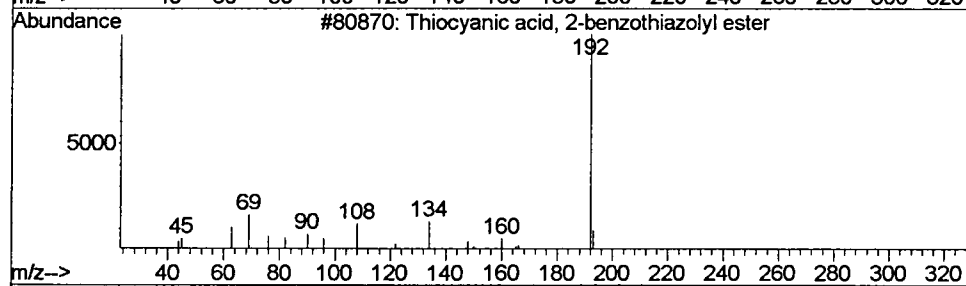
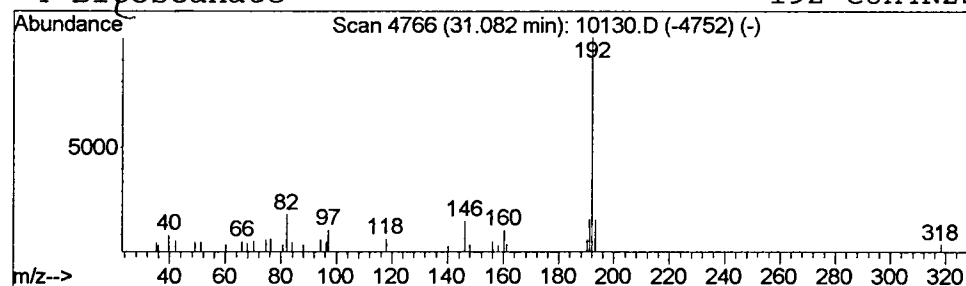
Vial: 17
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 3 Thiocyanic acid, 2-benzothi... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.08	0.34 ug/l	36630	Phenanthrene-d10	31.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thiocyanic acid, 2-benzothiazoly...	192	C8H4N2S2	006011-99-0	50
2		1,5-Naphthalenedithiole	192	C10H8S2	1000223-69-5	47
3		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	47
4		Bitoscanate	192	C8H4N2S2	004044-65-9	43



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020513\10130.D
 Acq On : 14 May 2002 4:23 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

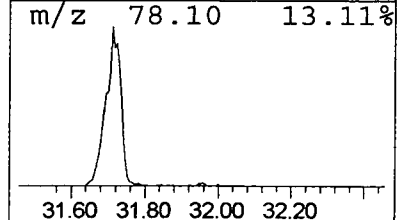
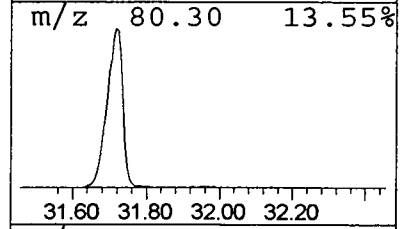
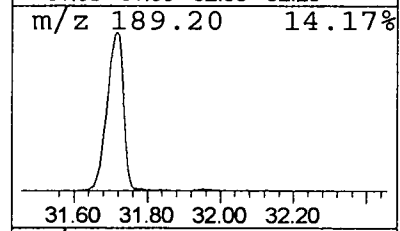
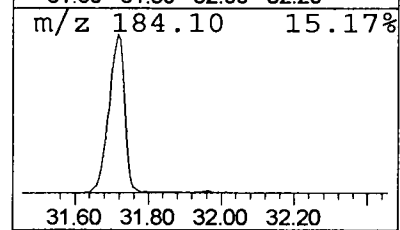
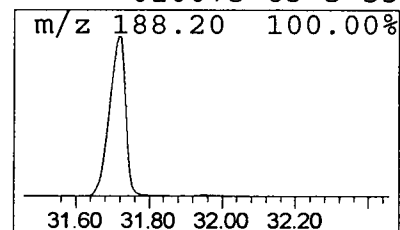
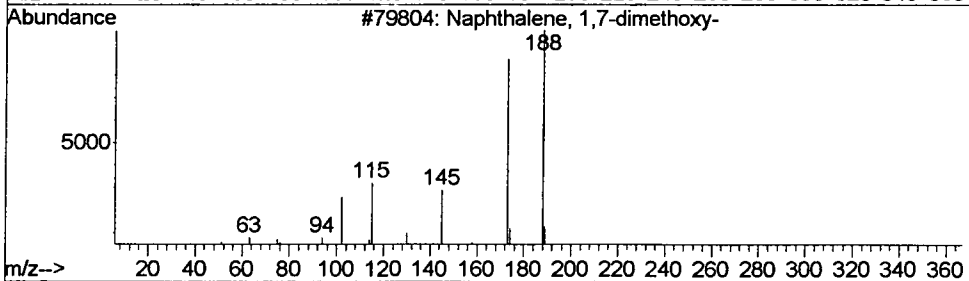
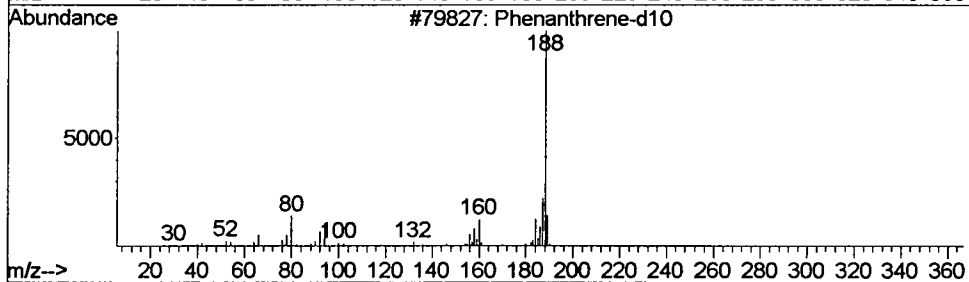
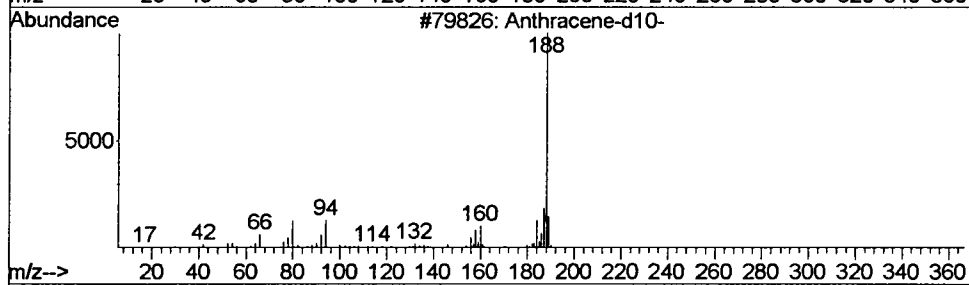
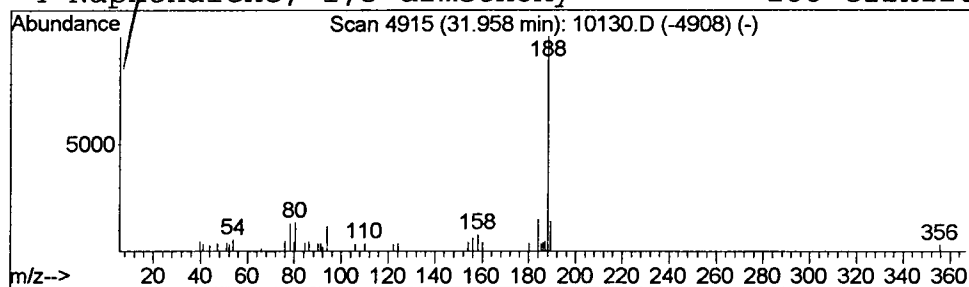
Vial: 17
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 4 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.35 ug/l	37563	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		Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	53
4		Naphthalene, 1,5-dimethoxy-	188	C12H12O2	010075-63-5	53



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 14 May 2002 4:23 am
Data File: C:\MSDCHEM\1\DATA\020513\10130.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-Propanone, 1,1,...	6.13	0.5	ug/l	41889	1	11.38	3175020	40.0
- 2-Pentanone, 4-hy...	6.15	13.9	ug/l	1103570	1	11.38	3175020	40.0
- Thiocyanic acid, ...	31.08	0.3	ug/l	36630	4	31.72	4345250	40.0
- Anthracene-d10-	31.96	0.3	ug/l	37563	4	31.72	4345250	40.0