

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 05/29/2002 Time: 08:25:15

Sample: AE11424
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 5/29/02 08:25 Ended: 5/29/02 08:25 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		89		10.0

Comments for Sample AE11424 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-29-2002 Time: 08:25:39

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

Data File : C:\MSDCHEM\1\DATA\020521\11424.D

Vial: 10

Acq On : 21 May 2002 5:16 pm

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: rteint.e

Quant Time: May 24 09:23:35 2002

Quant Results File: SCAN020521.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)

Title : Method 508 GC/MS Scan

Last Update : Fri May 24 09:17:56 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	441049	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1660428	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.45	164	877503	40.00	ug/l	-0.03
30) Phenanthrene-d10	31.72	188	1492099	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	1058297	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	574571	40.00	ug/l	-0.03

System Monitoring Compounds

27) TCMX	27.56	207	250918	35.65	ug/l	-0.04
Spiked Amount	40.000		Recovery	=	89.13%	

Target Compounds

Qvalue

18) 2-Chloronaphthalene	22.00	162	68	0.00	ug/l	#	37
35) Di-n-butylphthalate	34.82	149	13925	0.29	ug/l		93
43) Bis(2-ethylhexyl)phthalate	40.51	149	850	0.04	ug/l	#	72

 (#) = qualifier out of range (m) = manual integration (+) = signals summed
 11424.D SCAN020521.M Fri May 24 09:24:57 2002 Page 1

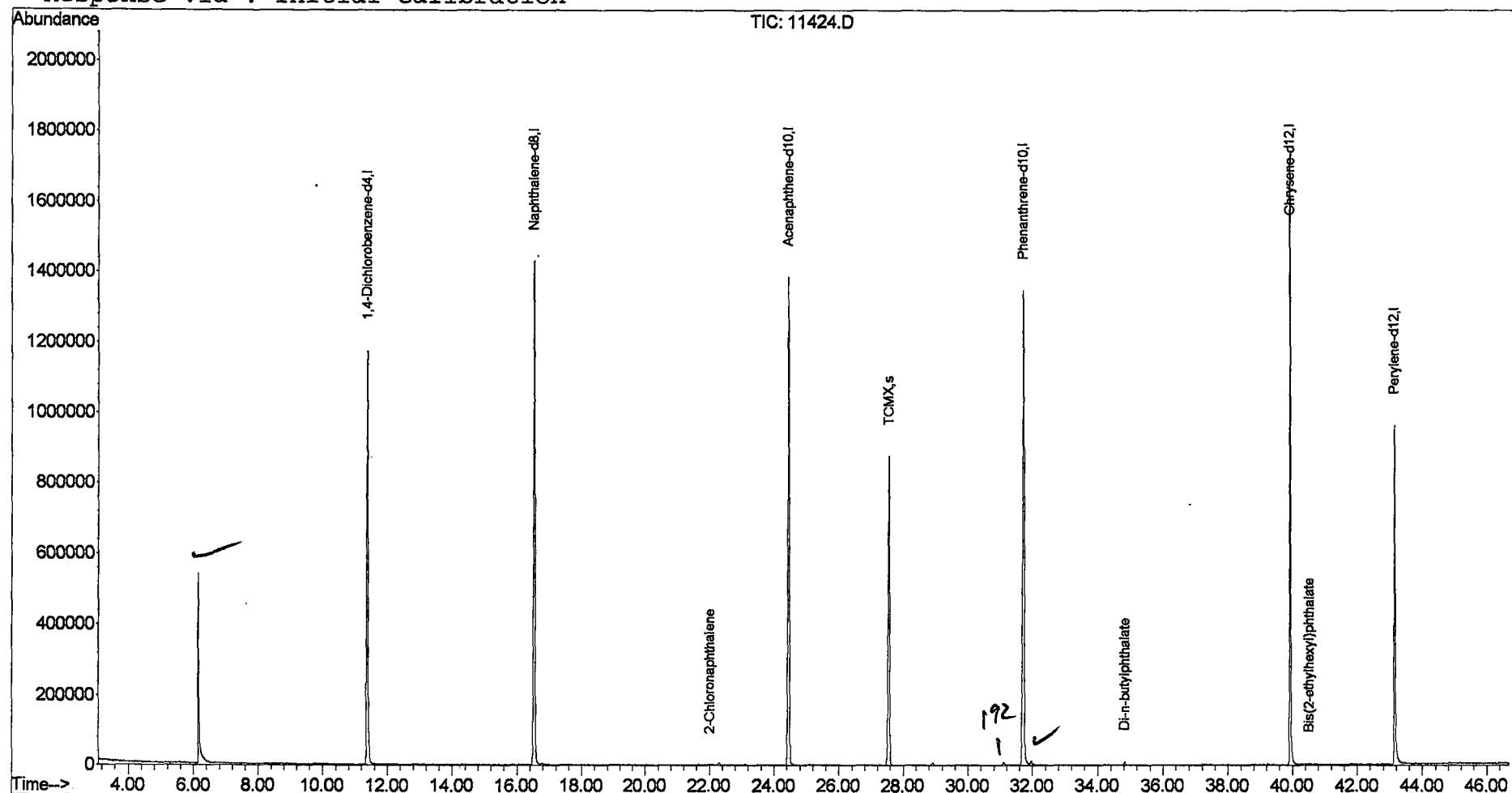
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020521\11424.D
 Acq On : 21 May 2002 5:16 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e
 Quant Time: May 24 9:24 2002

Vial: 10
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Results File: SCAN020521.RES

Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)
 Title : Method 508 GC/MS Scan
 Last Update : Fri May 24 09:17:56 2002
 Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020521\11424.D

Acq On : 21 May 2002 5:16 pm

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 10

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)

Title : Method 508 GC/MS Scan

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 0.5 % 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

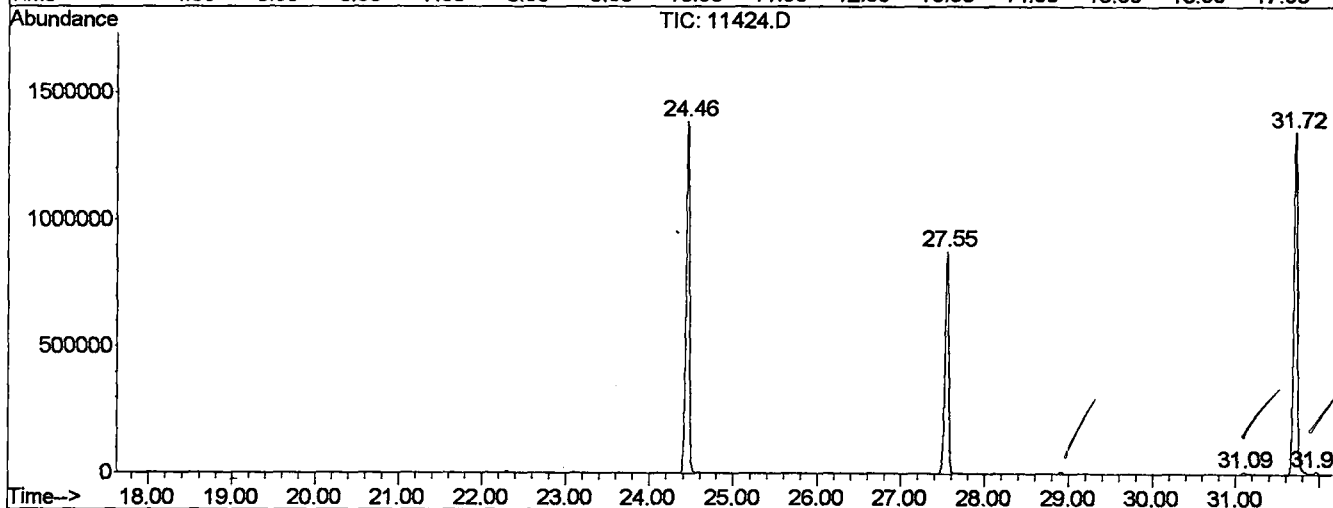
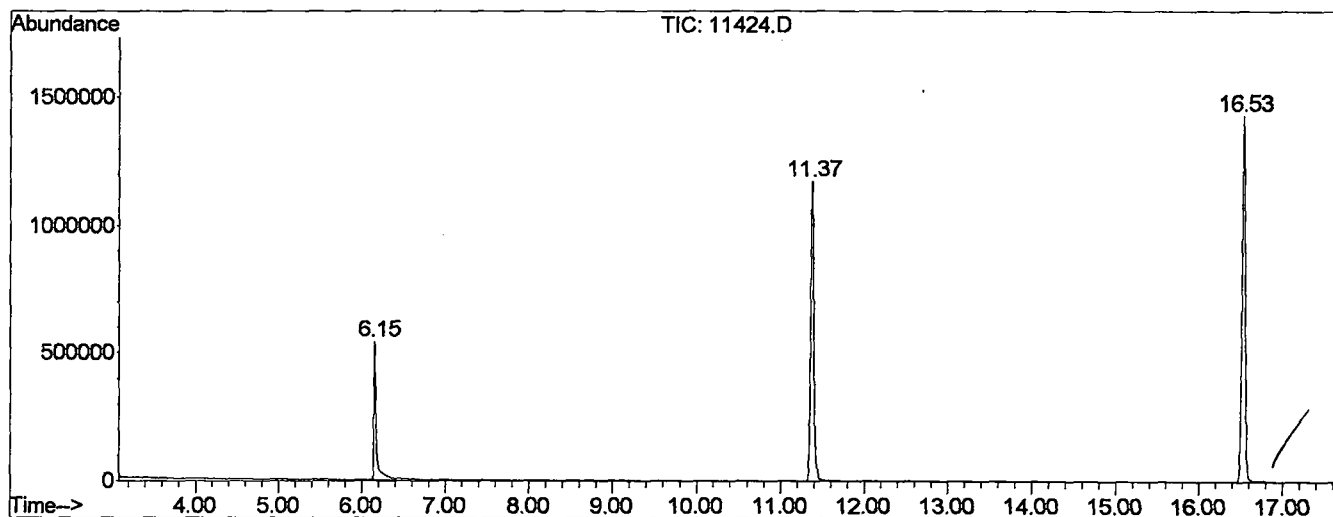
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.152	518	523	567	rBV	539481	1072812	25.48%	4.446%
2	11.370	1399	1411	1433	rBV	1172479	3072188	72.98%	12.731%
3	16.534	2275	2290	2313	rBV	1430371	3829757	90.97%	15.870%
4	24.460	3618	3639	3657	rBV	1386203	3951093	93.85%	16.373%
5	27.551	4146	4165	4179	rBV2	877735	2589850	61.52%	10.732%
6	31.088	4755	4767	4781	rVB5	10307	33141	0.79%	0.137%
7	31.717	4855	4874	4906	rBV3	1347112	4209839	100.00%	17.445%
8	31.958	4906	4915	4924	rVB4	11189	33469	0.80%	0.139%
9	34.819	5392	5402	5414	rBV	9904	25287	0.60%	0.105%
10	39.931	6261	6272	6295	rBV2	1734593	3239888	76.96%	13.426%
11	43.151	6806	6820	6849	rBV	962969	2074635	49.28%	8.597%

Sum of corrected areas: 24131959

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020521\11424.D
 Operator : Nefliu
 Acquired : 21 May 2002 5:16 pm using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 10
 Quant File :SCAN020521.RES (RTE Integrator)



11424.D SCAN020521.M Fri May 24 09:25:07 2002 Page 2

Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020521\11424.D
 Acq On : 21 May 2002 5:16 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

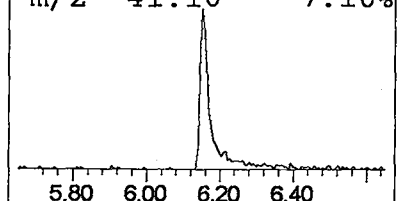
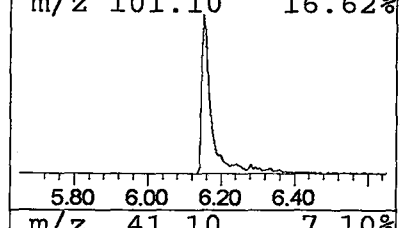
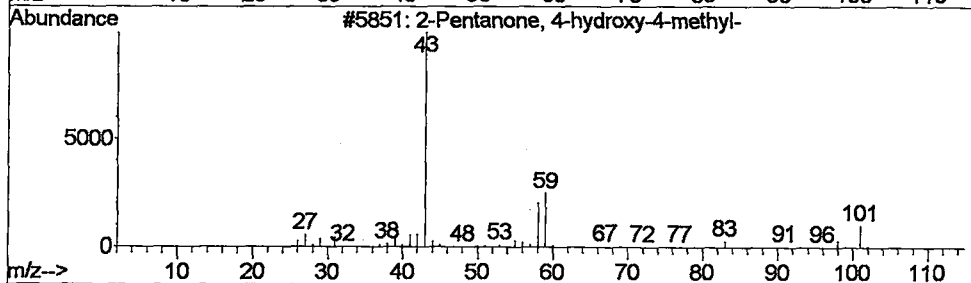
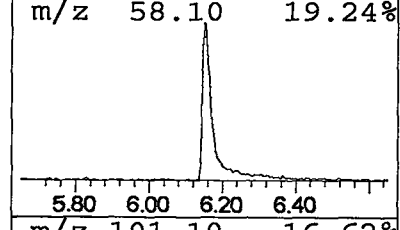
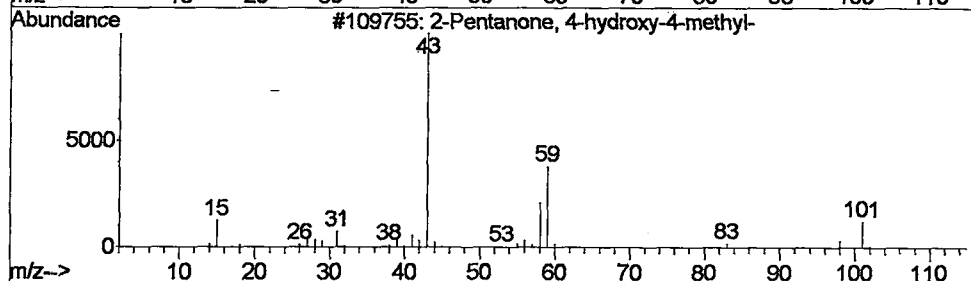
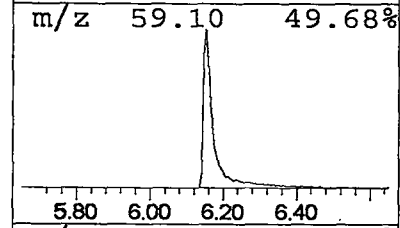
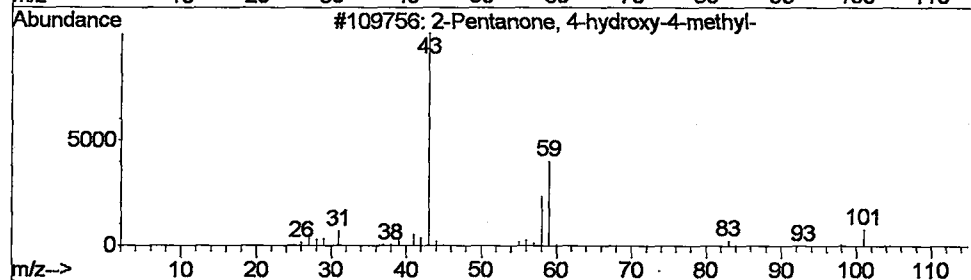
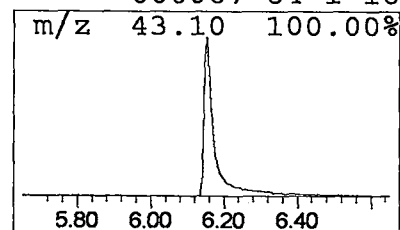
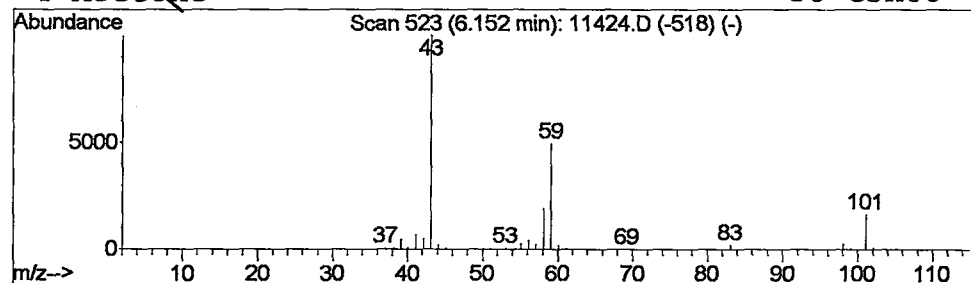
Vial: 10
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020521.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	13.97 ug/l	1072810	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	59
3			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
4			Acetone	58	C3H6O	000067-64-1	16



Library Search Compound Report

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 Acq On : 21 May 2002 5:16 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

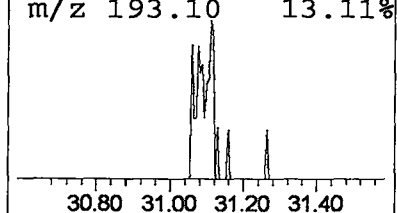
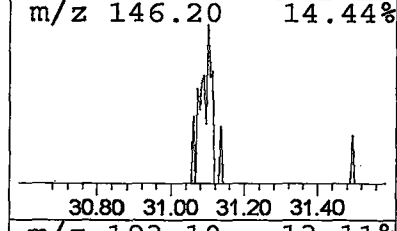
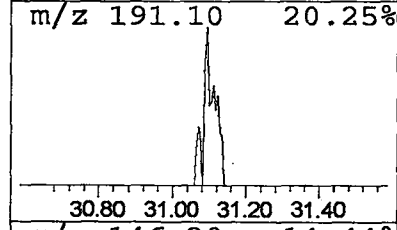
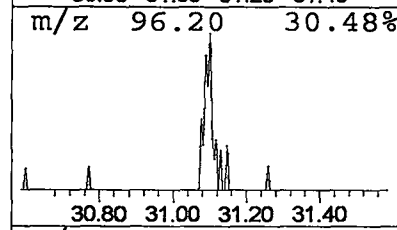
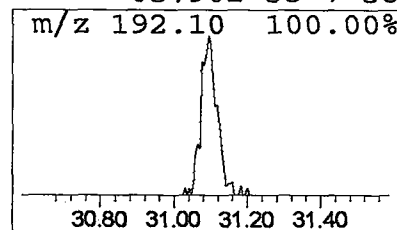
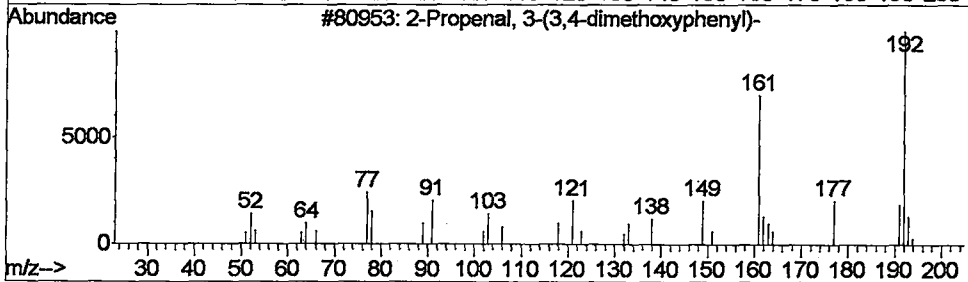
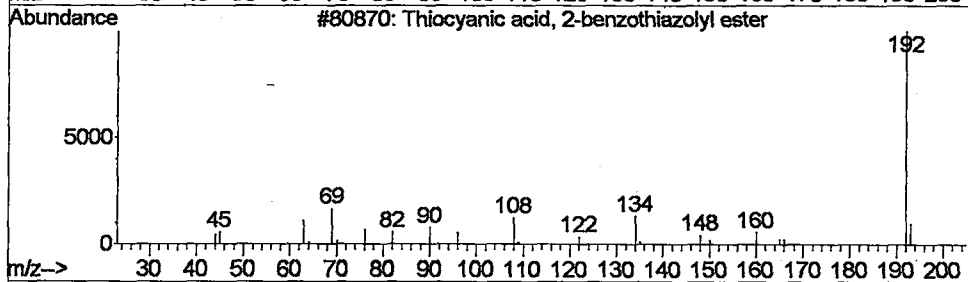
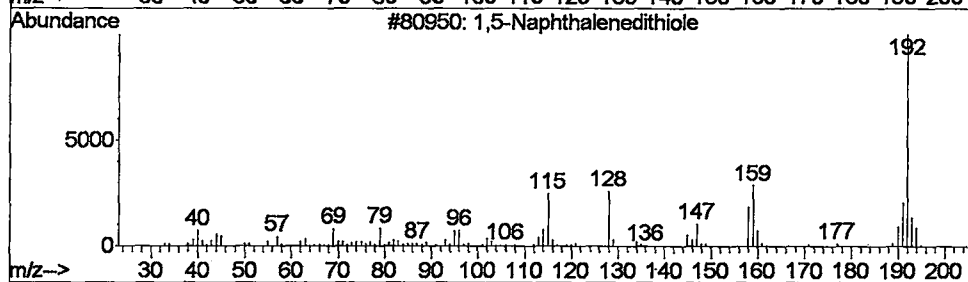
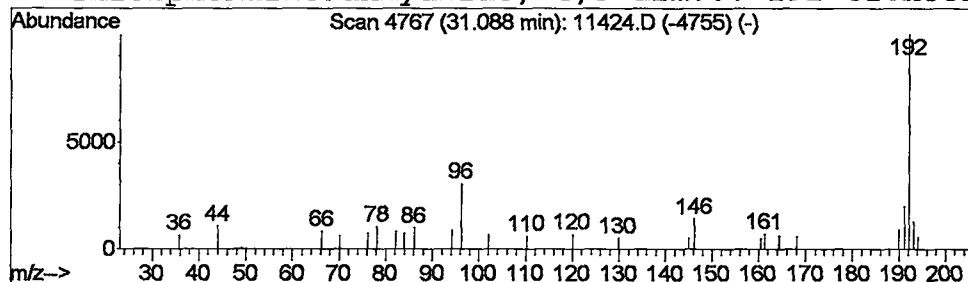
Vial: 10
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)
 Title : Method 508 GC/MS Scan
 Library : C:\DATABASE\nist98.1

 Peak Number 2 1,5-Naphthalenedithiolo Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.31 ug/l	33141	Phenanthrene-d10	31.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,5-Naphthalenedithiolo	192	C10H8S2	1000223-69-5	50
2		Thiocyanic acid, 2-benzothiazoly...	192	C8H4N2S2	006011-99-0	38
3		2-Propenal, 3-(3,4-dimethoxyphen...	192	C11H12O3	004497-40-9	38
4		Thiolphthalic anhydride, 4,5-dim...	192	C10H8O2S	057902-33-7	38



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020521\11424.D
 Acq On : 21 May 2002 5:16 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

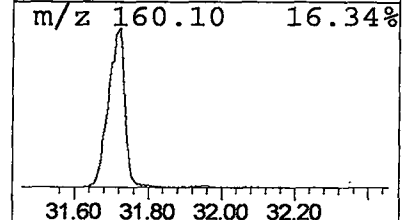
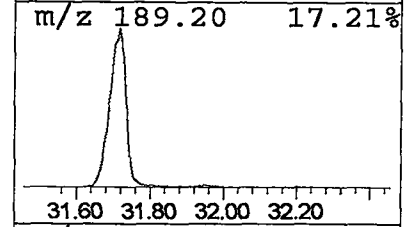
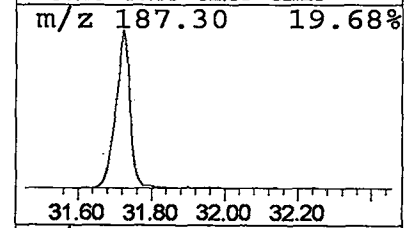
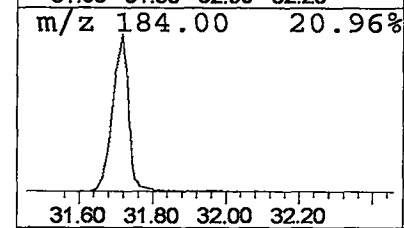
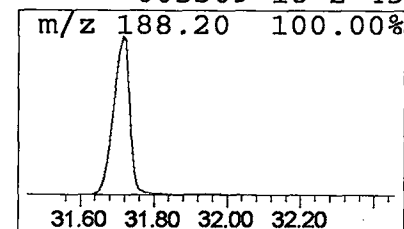
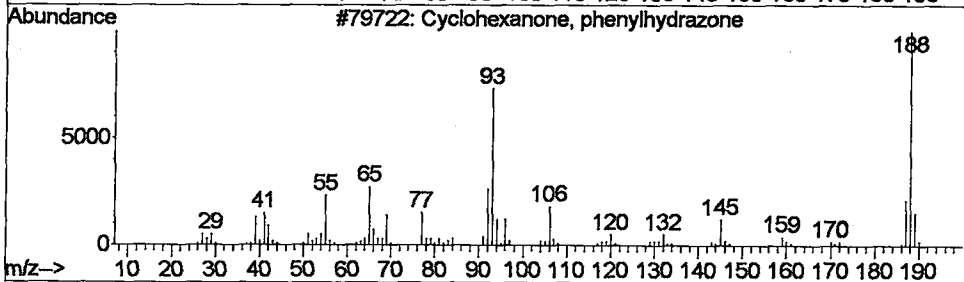
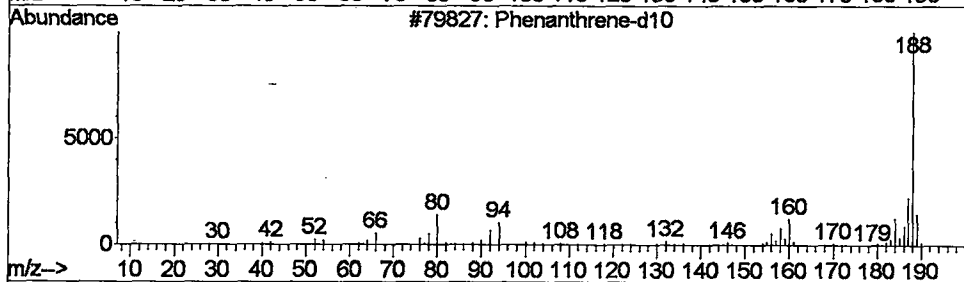
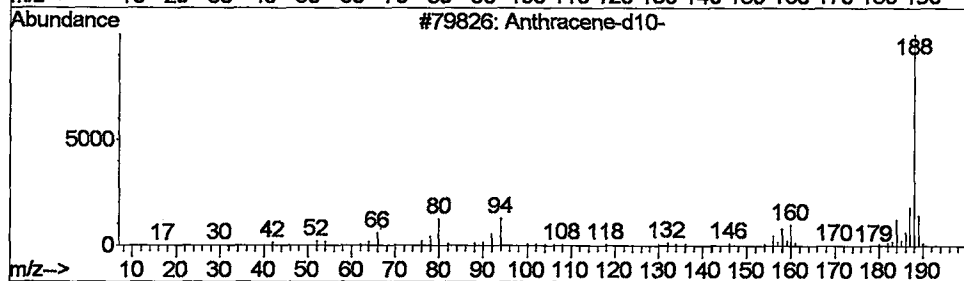
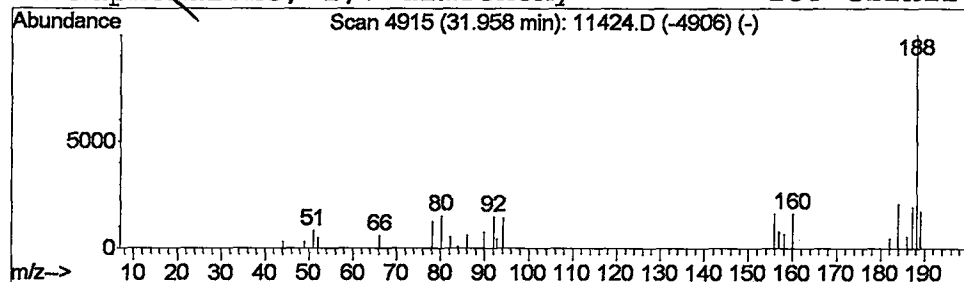
Vial: 10
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020521.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	0.32 ug/l	33469	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
✓ 1			Anthracene-d10-	188	C14D10	001719-06-8	90
2			Phenanthrene-d10	188	C14D10	001517-22-2	78
3			Cyclohexanone, phenylhydrazone	188	C12H16N2	000946-82-7	50
4			Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	43



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 21 May 2002 5:16 pm

Data File: C:\MSDCHEM\1\DATA\020521\11424.D

Name: sample

Misc:

Method: C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)

Title: Method 508 GC/MS Scan

Library Searched: C:\DATABASE\nist98.1

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	6.15	14.0	ug/l	1072810	1	11.38	3072190	40.0
1,5-Naphthalenedi...	31.09	0.3	ug/l	33141	4	31.72	4209840	40.0
Anthracene-d10-	31.96	0.3	ug/l	33469	4	31.72	4209840	40.0