

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 05/29/2002 Time: 14:14:27

Sample: AE11566
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 5/29/02 14:13 Ended: 5/29/02 14:13 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 AE11566 - Analysis \$GCMS

Vestchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-29-2002 Time: 14:14:51

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\020521\11566.D Vial: 17
 Acq On : 22 May 2002 12:10 am Operator: Nefliu
 Sample : sample Inst : Instrumen
 Misc : Multiplr: 1.00
 MS Integration Params: rteint.e
 Quant Time: May 24 09:38:53 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	428948	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1624951	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	867605	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1471822	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	1092452	40.00	ug/l	-0.05
44) Perylene-d12	43.14	264	599569	40.00	ug/l	-0.04

System Monitoring Compounds						
27) TCMX	27.55	207	247271	35.53	ug/l	-0.05
Spiked Amount	40.000		Recovery	=	88.83%	

Target Compounds						Qvalue
35) Di-n-butylphthalate	34.81	149	11922	0.25	ug/l	92
43) Bis(2-ethylhexyl)phthalate	40.52	149	9714	0.42	ug/l	85

 (#) = qualifier out of range (m) = manual integration (+) = signals summed
 11566.D SCAN020521.M Fri May 24 09:39:58 2002 Page 1

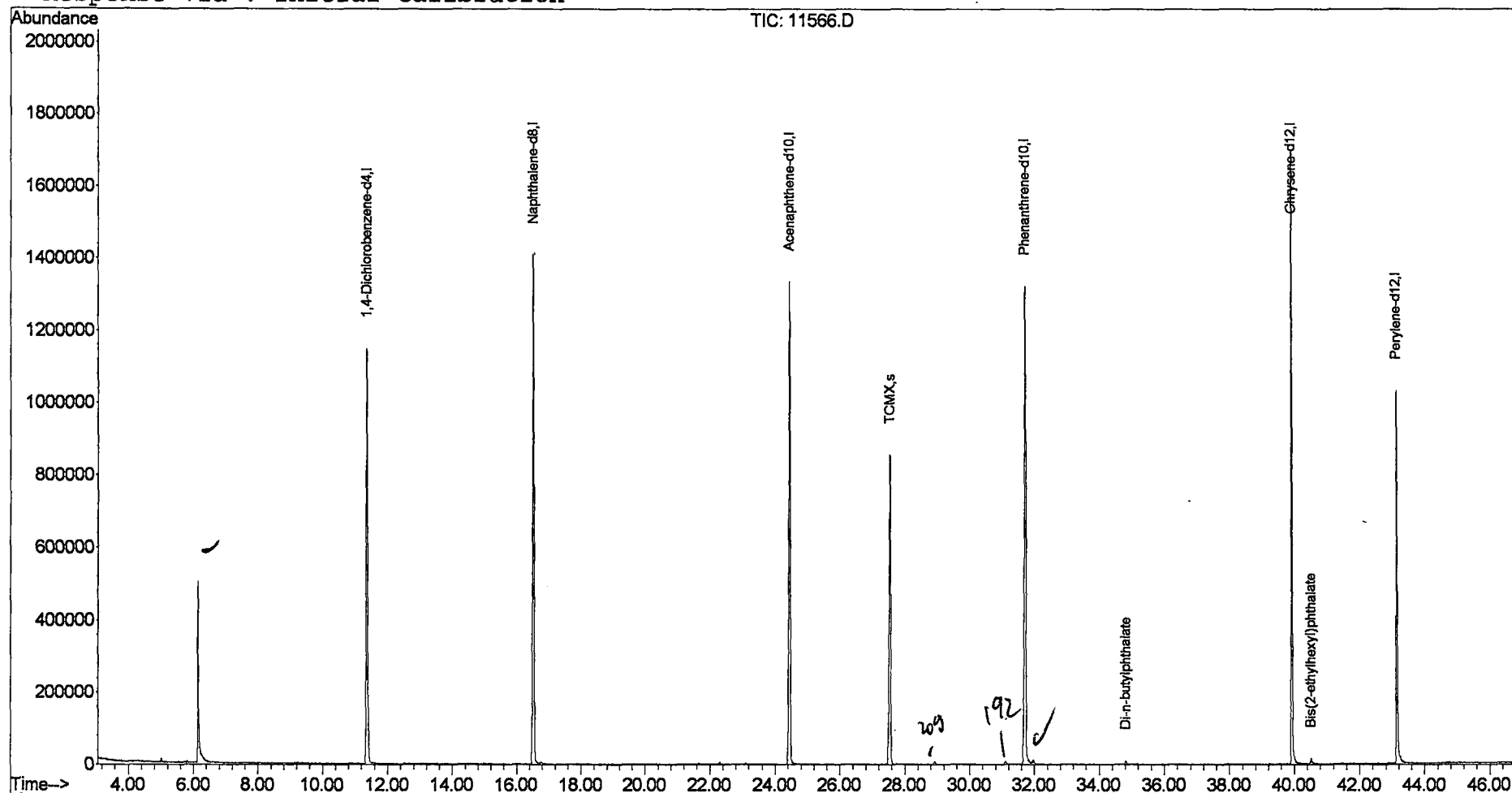
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020521\11566.D
 Acq On : 22 May 2002 12:10 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e
 Quant Time: May 24 9:39 2002

Vial: 17
 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\11566.D
 Acq On : 22 May 2002 12:10 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

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

Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)
 Title : Method 508 GC/MS Scan
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 0.5 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

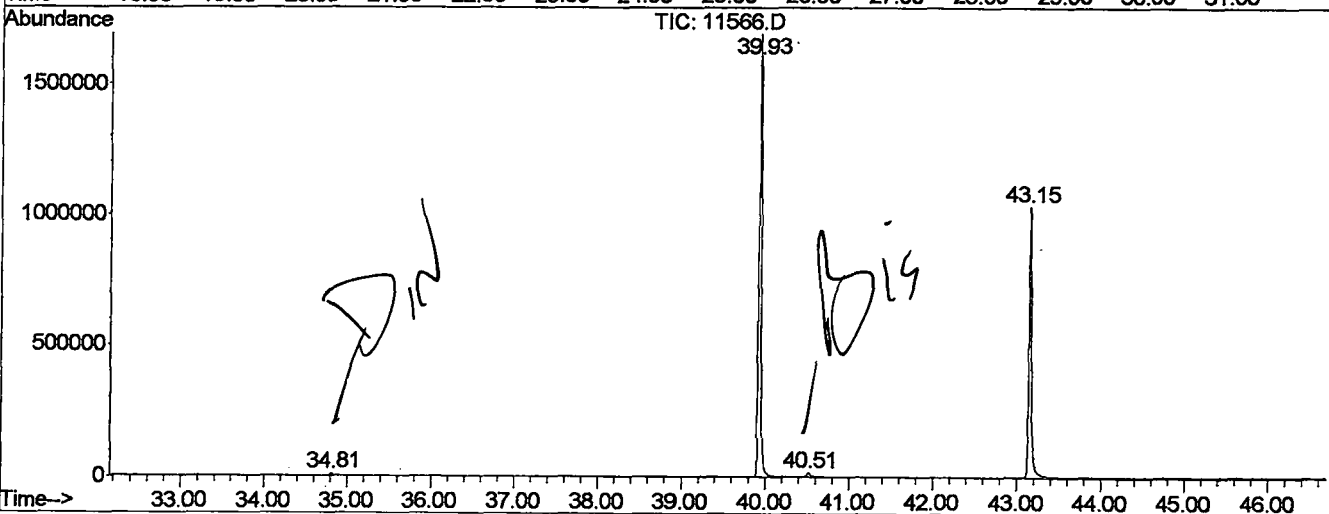
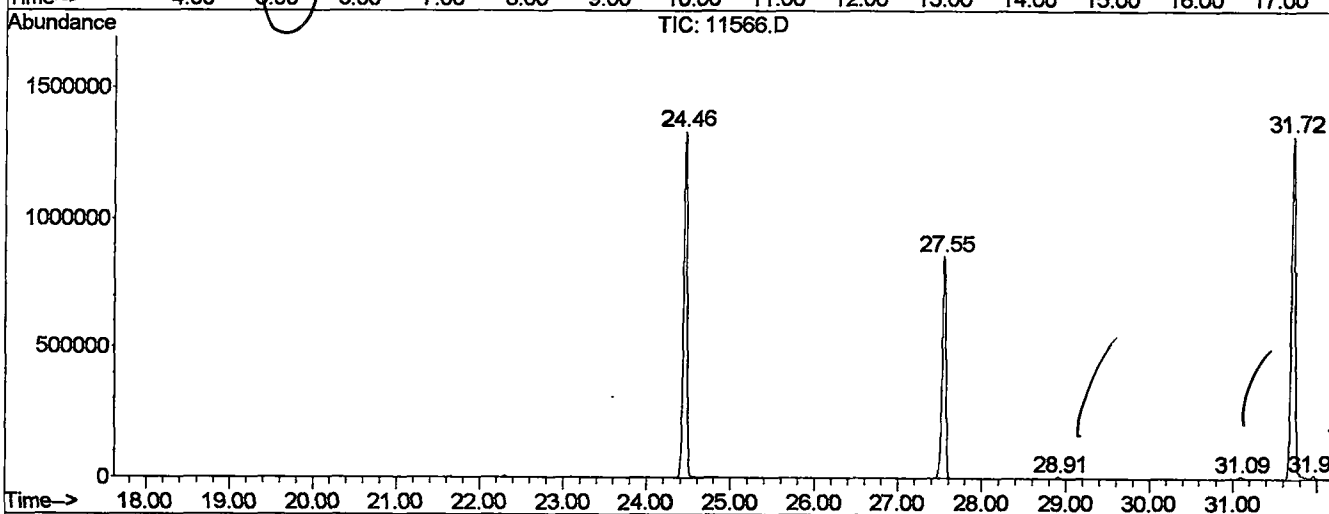
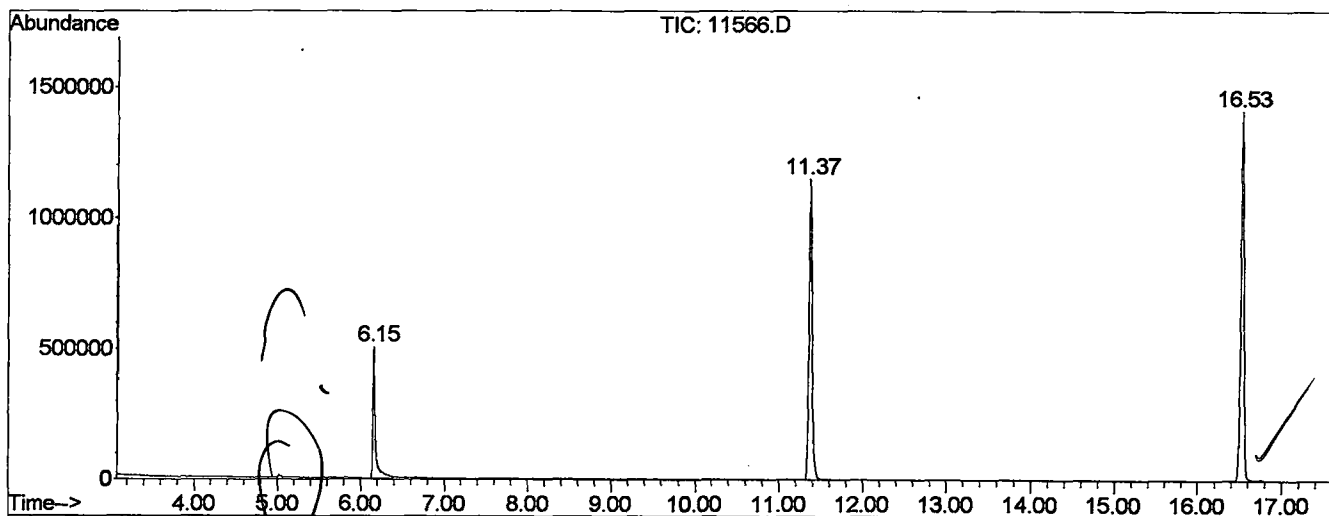
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.152	518	523	563	rBV	503355	1018527	24.51%	4.243%
2	11.370	1398	1411	1433	rBV	1147347	3020263	72.69%	12.581%
3	16.534	2272	2290	2313	rBV	1409583	3767584	90.67%	15.695%
4	24.460	3619	3639	3657	rBV	1333712	3895047	93.74%	16.226%
5	27.551	4147	4165	4181	rBV2	857494	2536897	61.06%	10.568%
6	28.908	4387	4396	4407	rBV7	8527	25215	0.61%	0.105%
7	31.088	4757	4767	4786	rVB6	8481	32711	0.79%	0.136%
8	31.717	4856	4874	4902	rBV2	1322525	4155067	100.00%	17.309%
9	31.958	4906	4915	4925	rVB4	11097	35700	0.86%	0.149%
10	34.813	5395	5401	5409	rBV3	9481	20893	0.50%	0.087%
11	39.931	6259	6272	6301	rBV2	1692607	3327261	80.08%	13.860%
12	40.512	6363	6371	6385	rVB4	15366	43878	1.06%	0.183%
13	43.151	6809	6820	6846	rBV2	1031297	2126601	51.18%	8.859%

Sum of corrected areas: 24005644

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020521\11566.D
 Operator : Nefliu
 Acquired : 22 May 2002 12:10 am using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 17
 Quant File :SCAN020521.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020521\11566.D
 Acq On : 22 May 2002 12:10 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

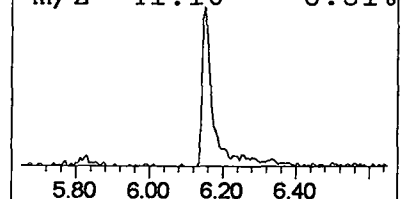
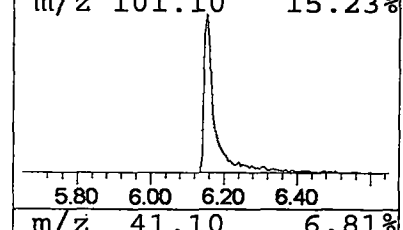
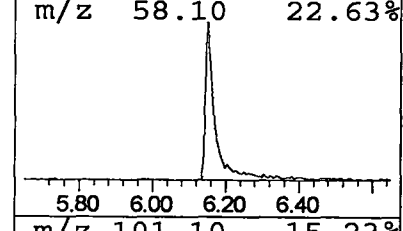
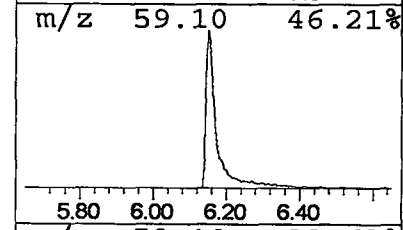
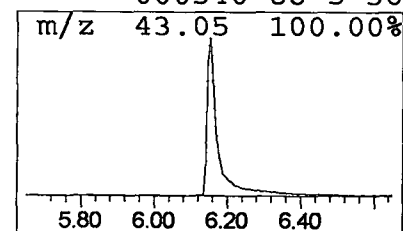
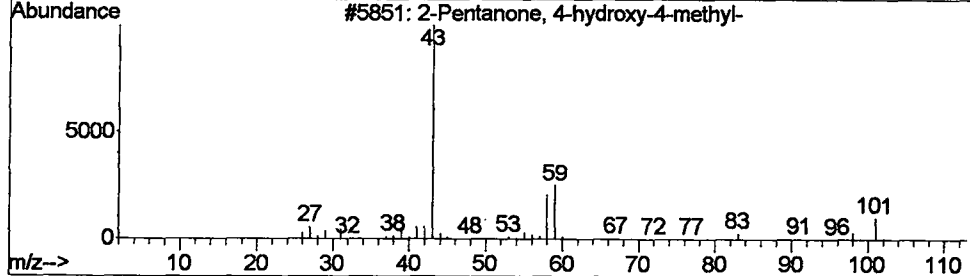
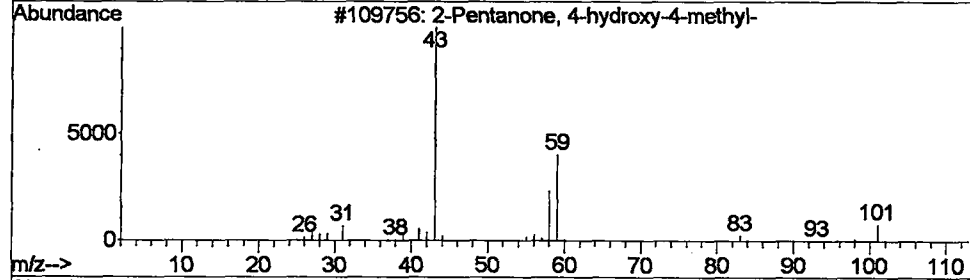
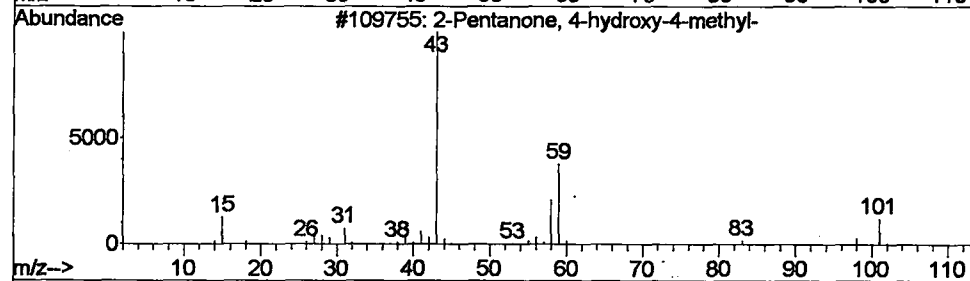
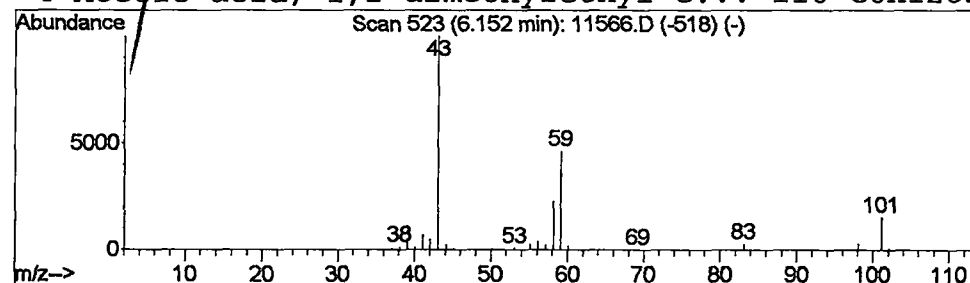
Vial: 17
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	13.49 ug/l	1018530	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	83
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
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	36



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020521\11566.D
 Acq On : 22 May 2002 12:10 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

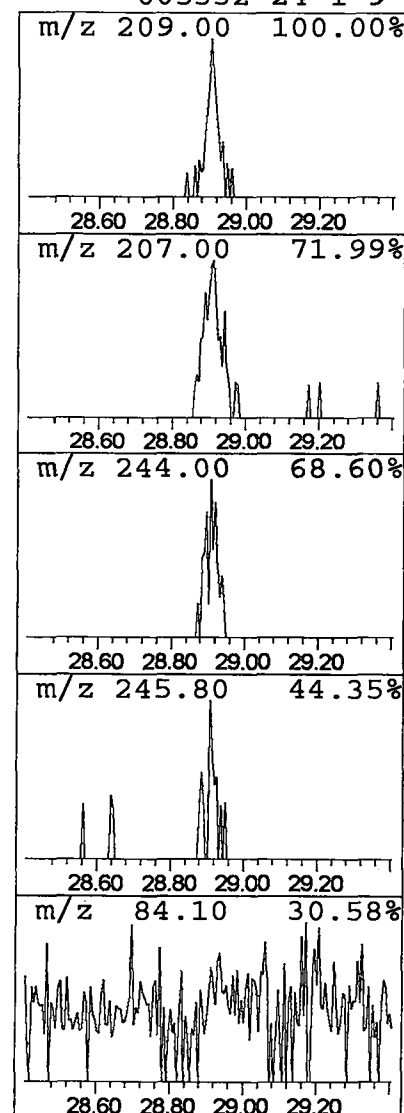
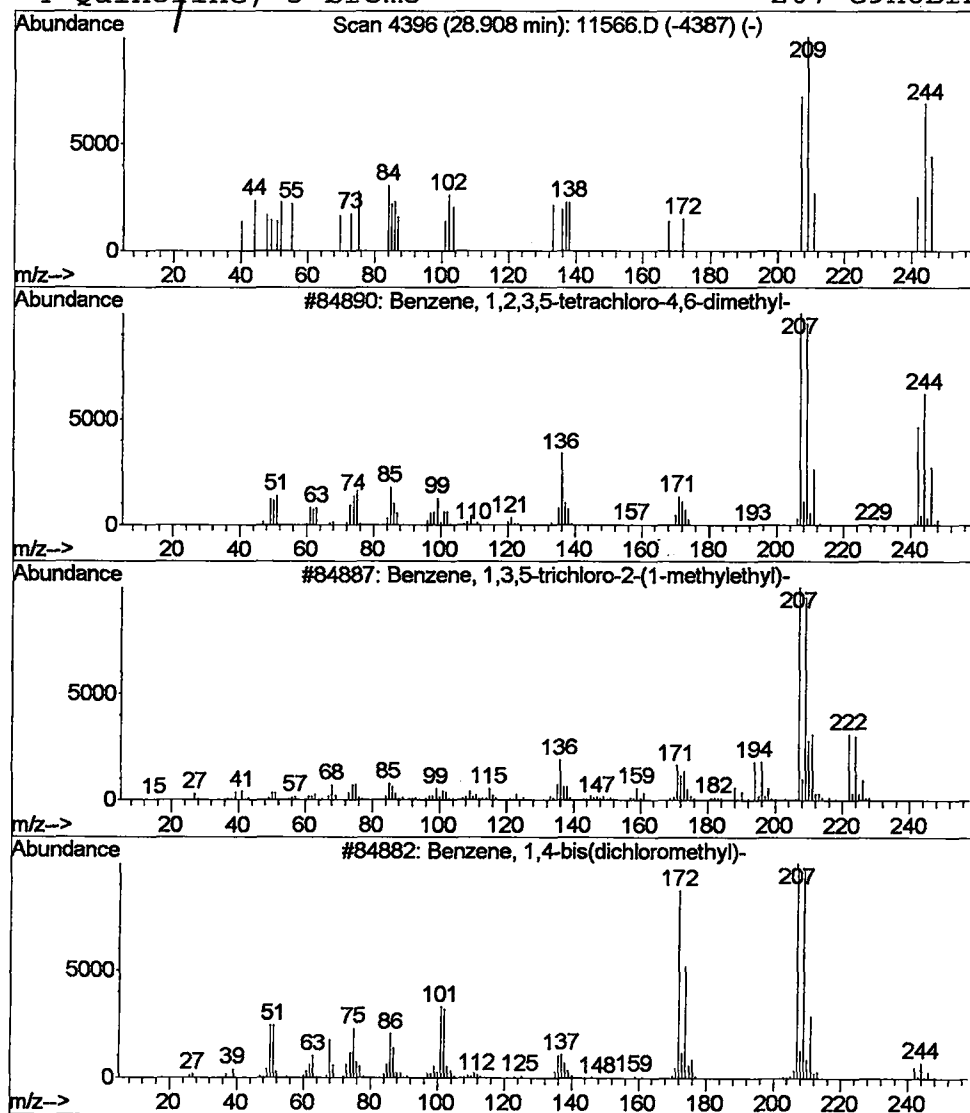
Vial: 17
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 2 Benzene, 1,2,3,5-tetrachlor... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.91	0.24 ug/l	25215	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,3,5-tetrachloro-4,6...	242	C8H6Cl4	000877-09-8	38
2		Benzene, 1,3,5-trichloro-2-(1-me...	222	C9H9Cl3	054965-70-7	27
3		Benzene, 1,4-bis(dichloromethyl)-	242	C8H6Cl4	007398-82-5	12
4		Quinoline, 3-bromo-	207	C9H6BrN	005332-24-1	9



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020521\11566.D
 Acq On : 22 May 2002 12:10 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

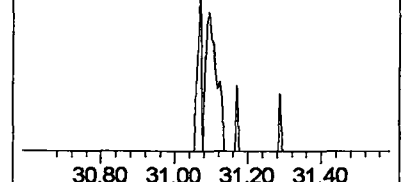
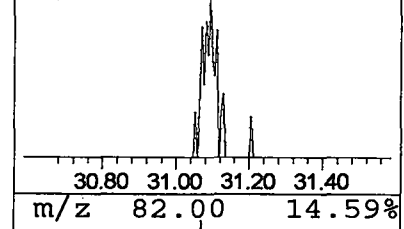
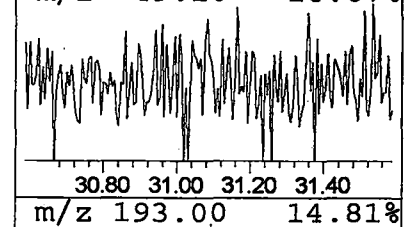
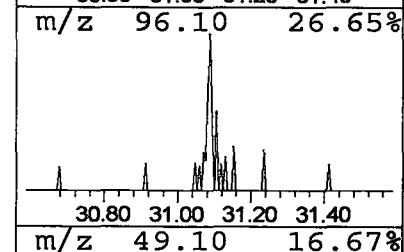
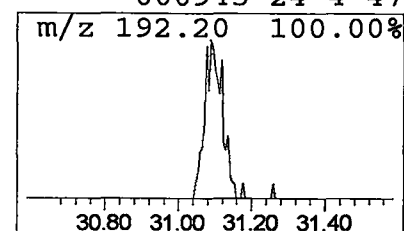
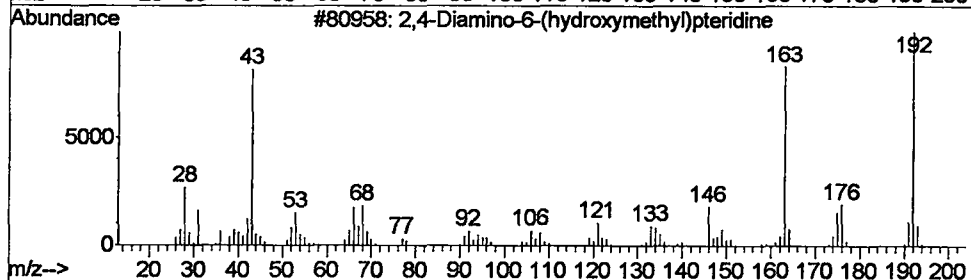
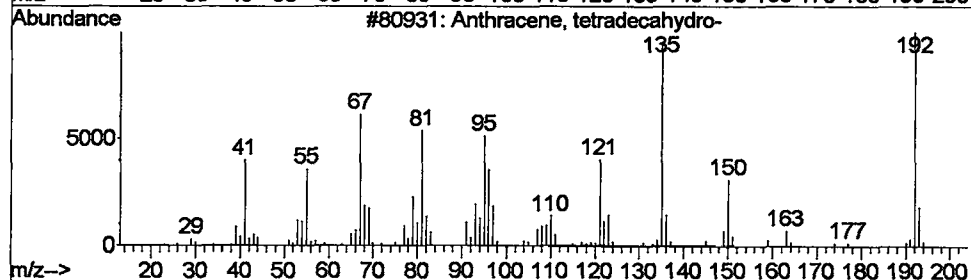
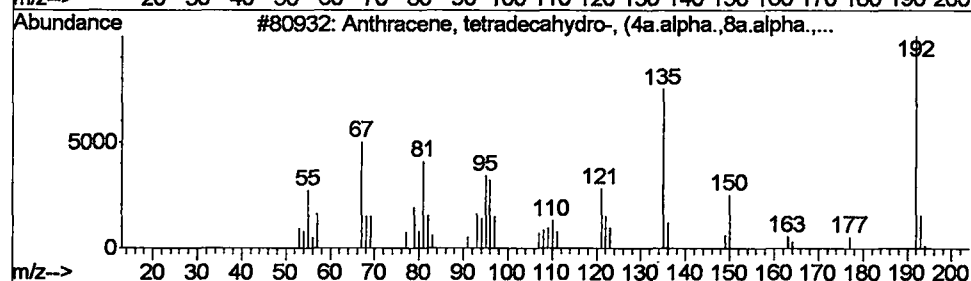
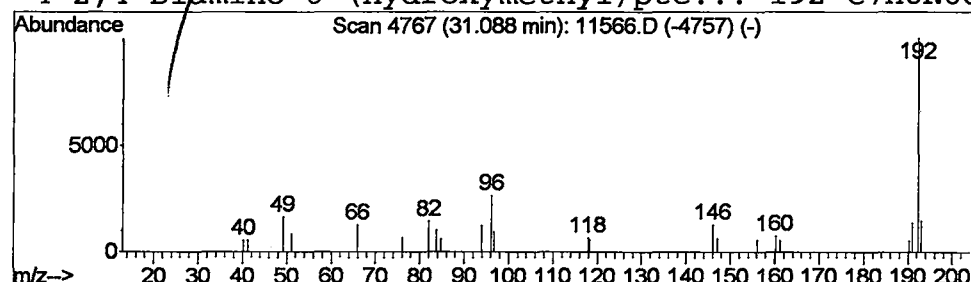
Vial: 17
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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, tetradecahydro-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.31 ug/l	32711	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, tetradecahydro-, (4a...	192	C14H24	001755-19-7	53
2		Anthracene, tetradecahydro-	192	C14H24	006596-35-6	50
3		2,4-Diamino-6-(hydroxymethyl)pte...	192	C7H8N6O	000945-24-4	47
4		2,4-Diamino-6-(hydroxymethyl)pte...	192	C7H8N6O	000945-24-4	47



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020521\11566.D
Acq On : 22 May 2002 12:10 am
Sample : sample
Misc :
MS Integration Params: rteint.e

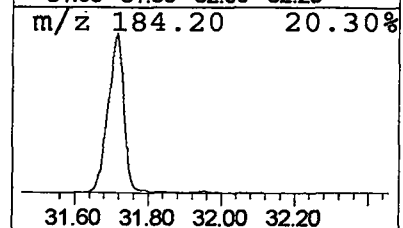
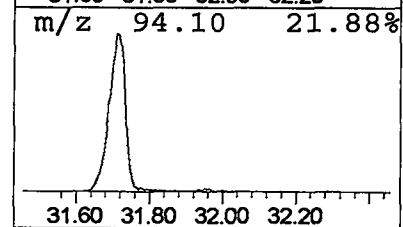
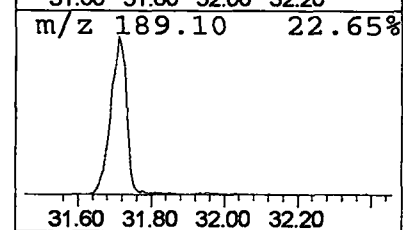
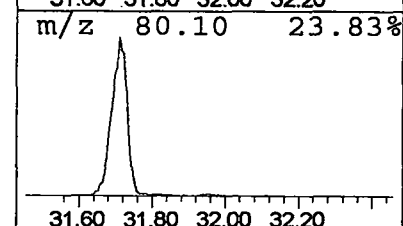
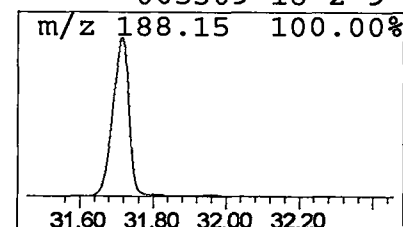
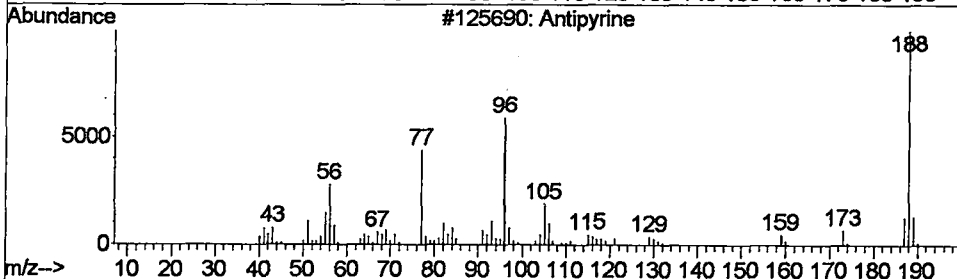
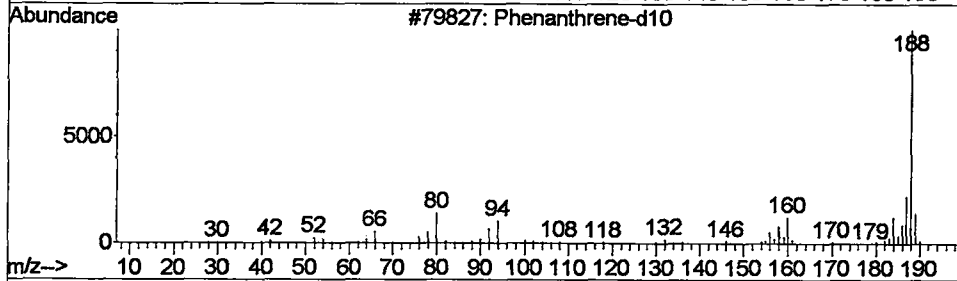
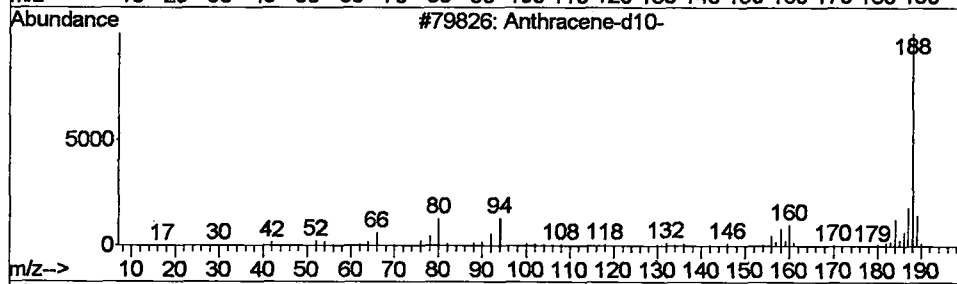
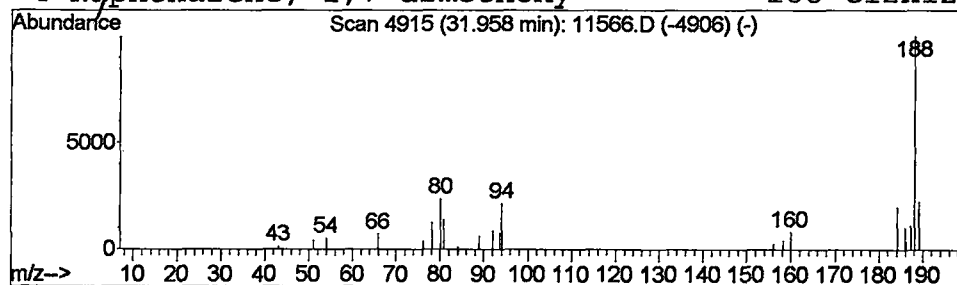
Vial: 17
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 4 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.34 ug/l	35700	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	33	
2	Phenanthrene-d10	188	C14D10	001517-22-2	16	
3	Antipyrine	188	C11H12N2O	000060-80-0	9	
4	Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	9	



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 22 May 2002 12:10 am
Data File: C:\MSDCHEM\1\DATA\020521\11566.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	--Internal Standard---			
					#	RT	Resp	Conc
✓ 2-Pentanone, 4-hy...	6.15	13.5	ug/l	1018530	1	11.38	3020260	40.0
✓ Benzene, 1,2,3,5-...	28.91	0.2	ug/l	25215	4	31.72	4155070	40.0
✓ Anthracene, tetra...	31.09	0.3	ug/l	32711	4	31.72	4155070	40.0
✓ Anthracene-d10-	31.96	0.3	ug/l	35700	4	31.72	4155070	40.0