

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 05/22/2002 Time: 10:55:51

Sample: AE11153
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 5/22/02 10:55 Ended: 5/22/02 10:55 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		86		10.0

omments for Sample AE11153 - Analysis \$GCMS

Westchester Dept. of Labs & Research

ser: Vinci, David L

ate: 05-22-2002 Time: 10:56:02

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

he level for Bis(2-ethylhexyl)phthalate of 5.4 ug/l is probably due to laboratory contamination, which was also observed in the Laboratory Blank and CS Standard.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020515\11153.D
 Acq On : 16 May 2002 5:35 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e
 Quant Time: May 16 08:41:09 2002

Vial: 19
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Results File: SCAN020507.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
 Title : Method 508 GC/MS Scan
 Last Update : Wed May 15 15:22:39 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	448951	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1687550	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	899449	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1559400	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	1264484	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	768100	40.00	ug/l	-0.03
System Monitoring Compounds						
27) TCMX	27.56	207	248299	34.56	ug/l	-0.02
Spiked Amount	40.000		Recovery	=	86.40%	
Target Compounds						
43) Bis(2-ethylhexyl)phthalate	40.52	149	151284	5.59	ug/l	Qvalue 91

 (#) = qualifier out of range (m) = manual integration (+) = signals summed
 11153.D SCAN020507.M Thu May 16 09:30:23 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020515\11153.D

Acq On : 16 May 2002 5:35 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Quant Time: May 16 9:30 2002

Vial: 19

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

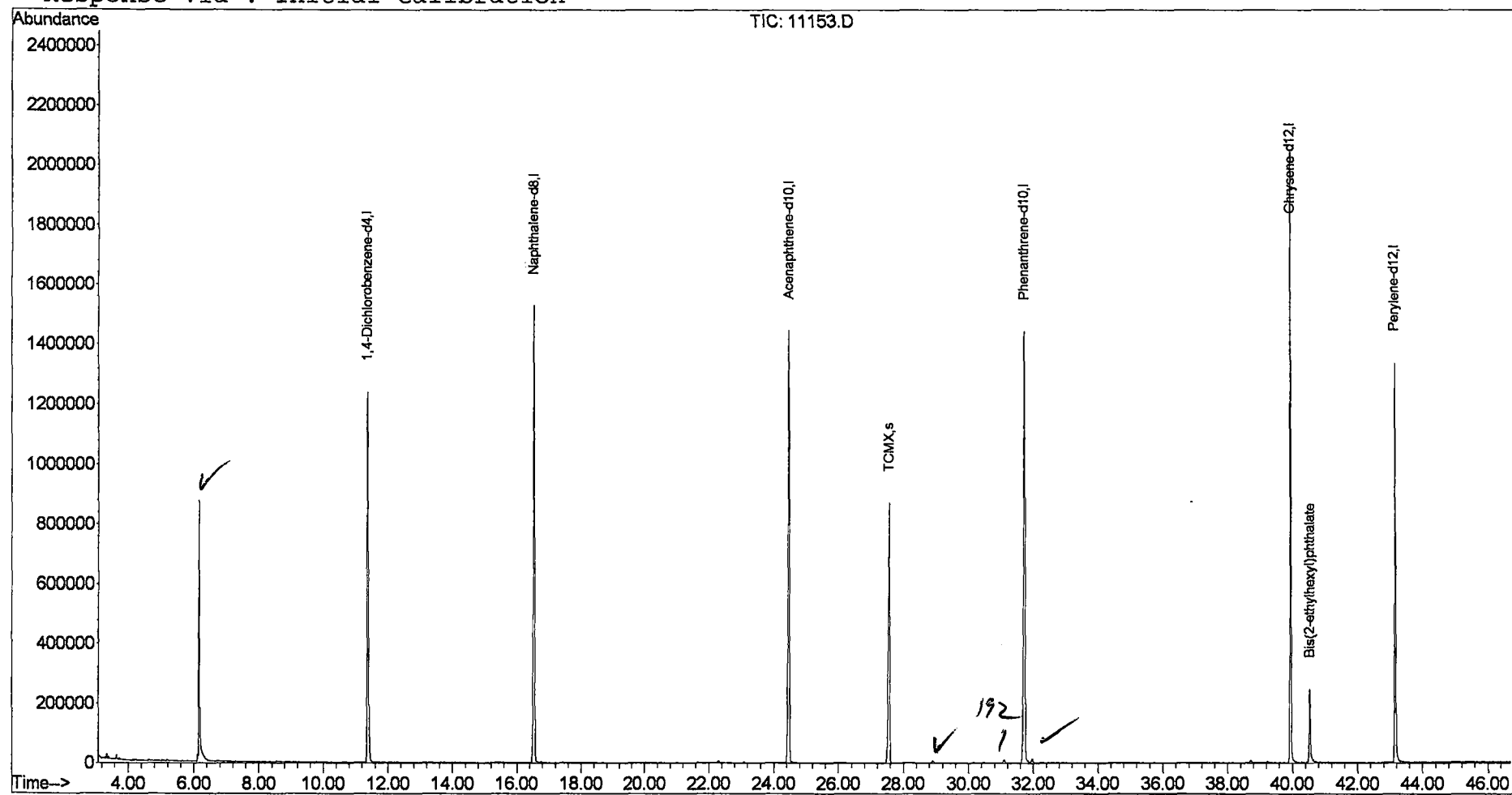
Quant Results File: SCAN020507.RES

Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)

Title : Method 508 GC/MS Scan

Last Update : Wed May 15 15:22:39 2002

Response via : Initial Calibration



11153.D SCAN020507.M

Thu May 16 09:30:24 2002

Page 2

LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020515\11153.D
 Acq On : 16 May 2002 5:35 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

Vial: 19
 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: 0.5 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

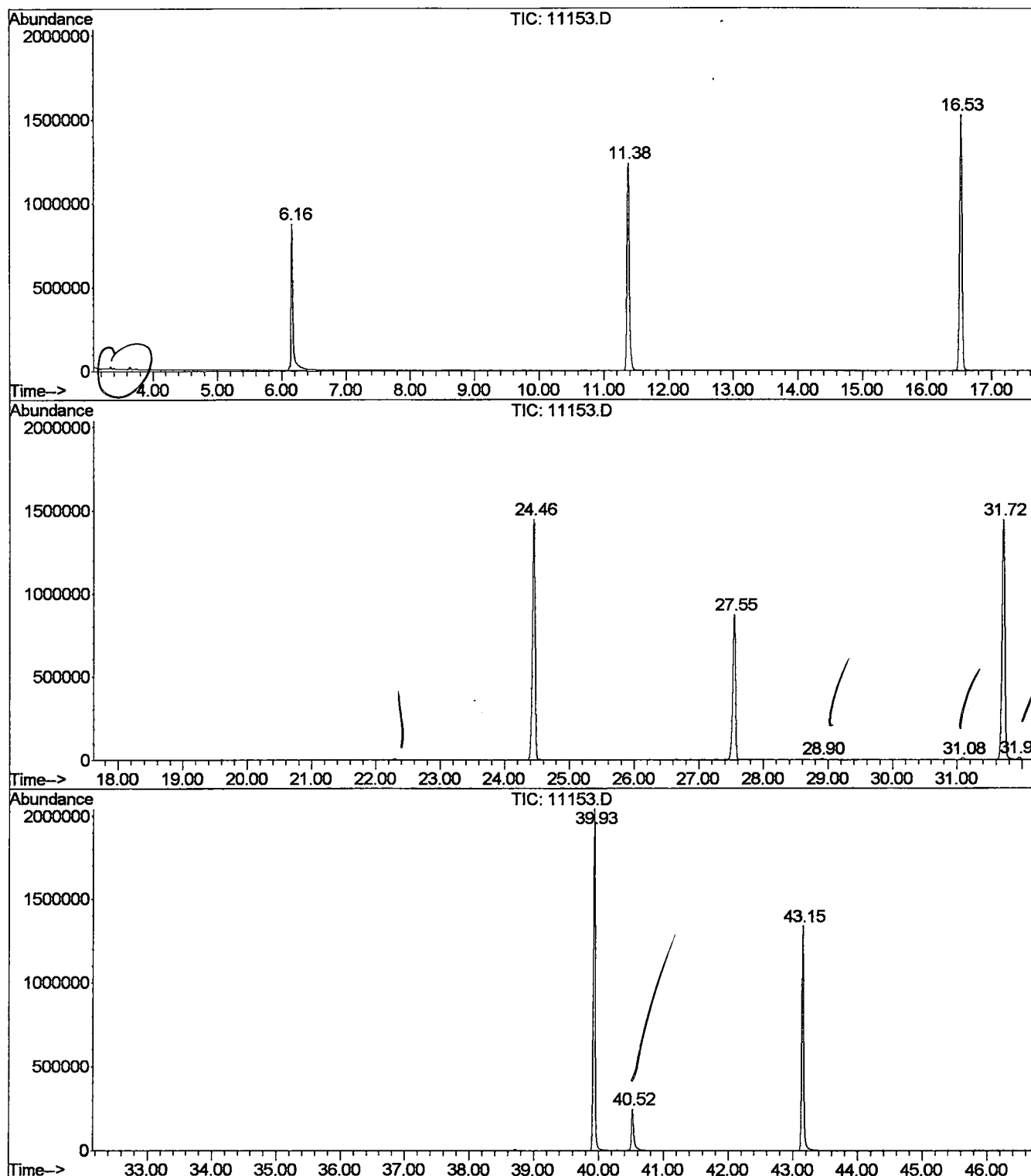
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.158	513	524	564	rBV	872490	1755904	40.03%	6.485%
2	11.376	1400	1412	1434	rBV	1238668	3104992	70.79%	11.468%
3	16.534	2274	2290	2306	rBV	1527996	3904364	89.01%	14.421%
4	24.461	3621	3639	3654	rBV	1445547	4045939	92.24%	14.944%
5	27.551	4144	4165	4177	rBV2	873126	2612639	59.56%	9.650%
6	28.902	4386	4395	4411	rVB8	9369	27821	0.63%	0.103%
7	31.082	4756	4766	4778	rBV3	10501	35363	0.81%	0.131%
8	31.717	4857	4874	4904	rBV3	1443530	4386341	100.00%	16.201%
9	31.958	4905	4915	4926	rVB3	13084	39383	0.90%	0.145%
10	39.931	6259	6272	6299	rBV2	2040389	3842080	87.59%	14.191%
11	40.518	6364	6372	6400	rVB2	246066	594538	13.55%	2.196%
12	43.151	6799	6820	6843	rBV	1336378	2725208	62.13%	10.066%

Sum of corrected areas: 27074572

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020515\11153.D
 Operator : Nefliu
 Acquired : 16 May 2002 5:35 am using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 19
 Quant File :SCAN020507.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020515\11153.D

Acq On : 16 May 2002 5:35 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 19

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)

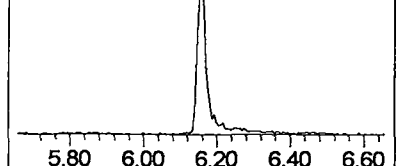
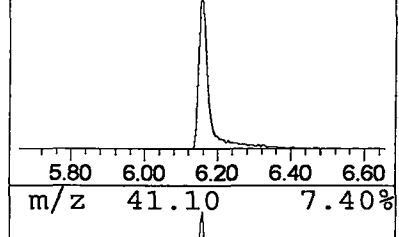
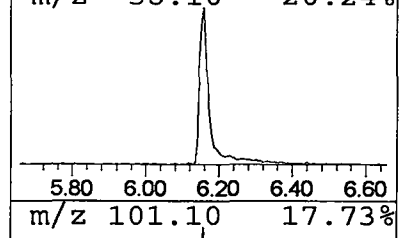
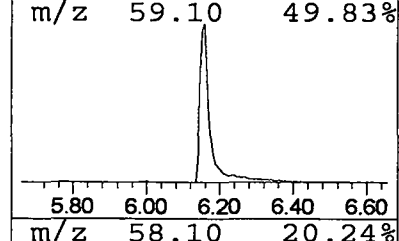
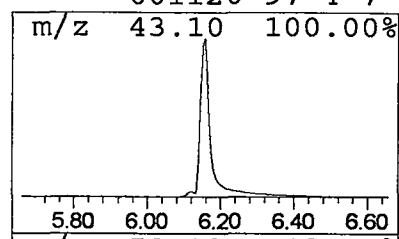
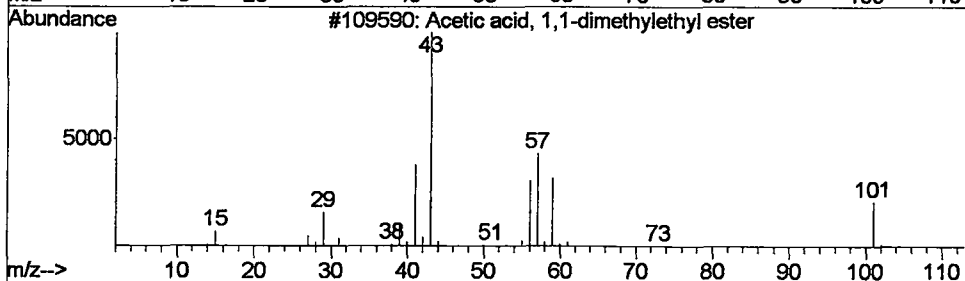
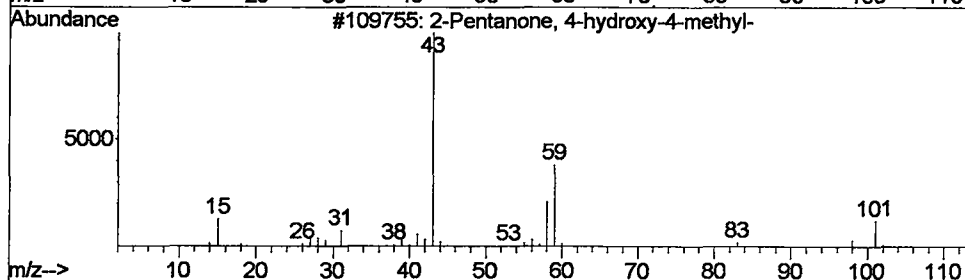
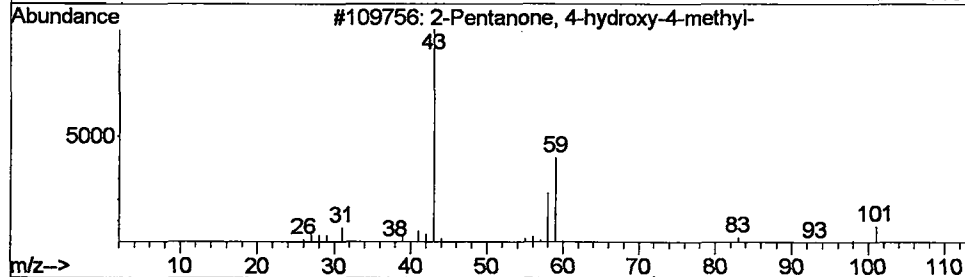
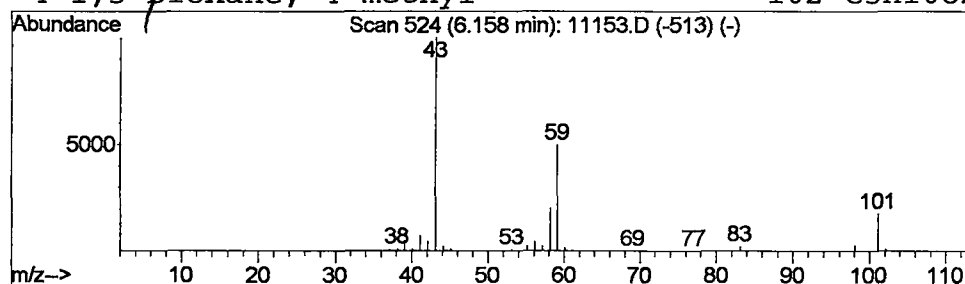
Title : Method 508 GC/MS Scan

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.
6.16	22.62 ug/l	1755900	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	72
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25
4		1,3-Dioxane, 4-methyl-	102	C5H10O2	001120-97-4	7



Library Search Compound Report

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Acq On : 16 May 2002 5:35 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 19

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)

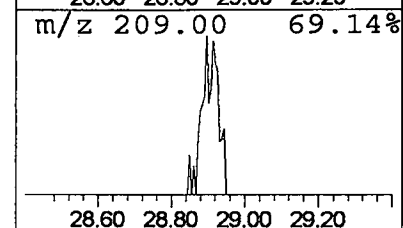
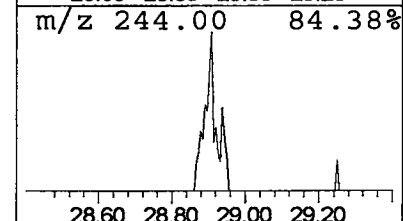
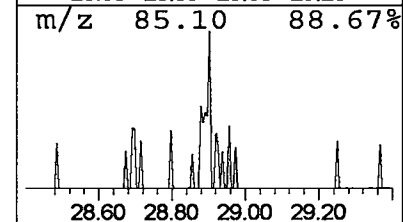
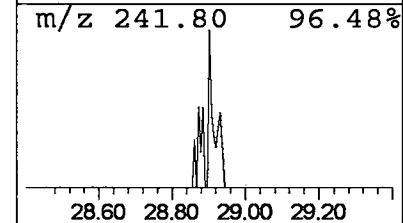
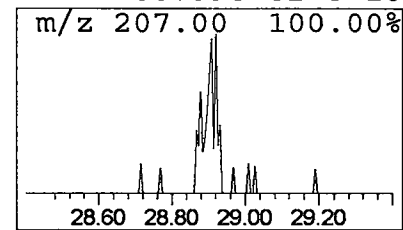
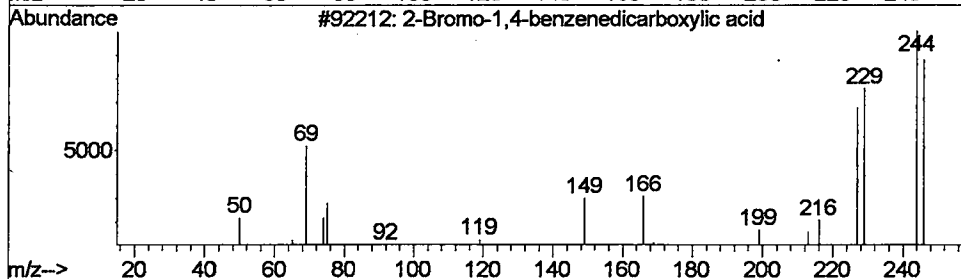
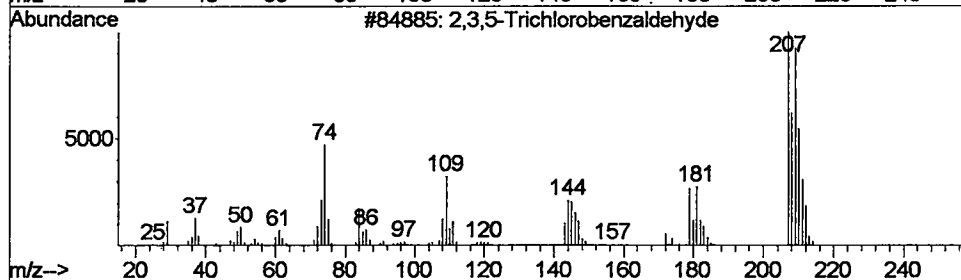
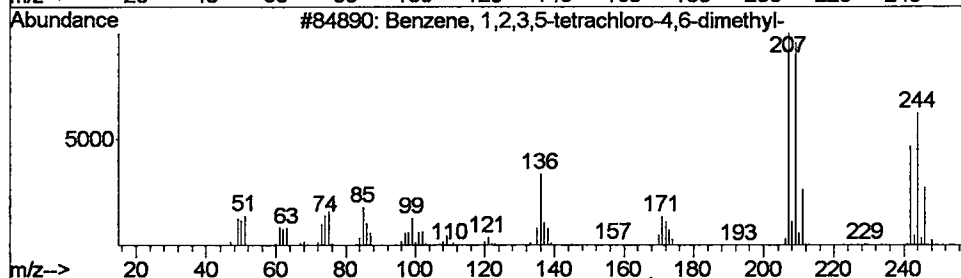
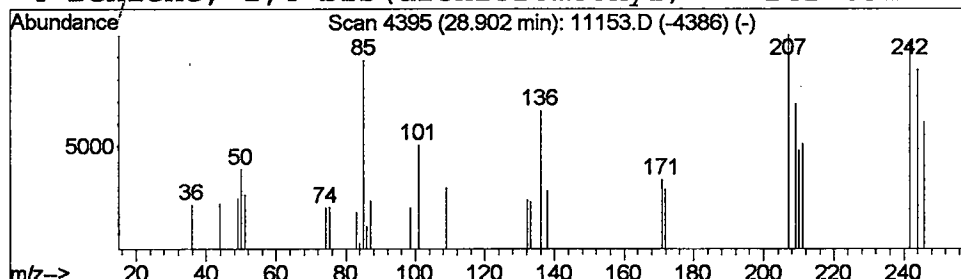
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.l

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.90	0.25 ug/l	27821	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	10
2			2,3,5-Trichlorobenzaldehyde	208	C7H3Cl3O	056961-75-2	10
3			2-Bromo-1,4-benzenedicarboxylic ...	244	C8H5BrO4	000586-35-6	10
4			Benzene, 1,4-bis(dichloromethyl)-	242	C8H6Cl4	007398-82-5	10



Library Search Compound Report

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Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 19

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)

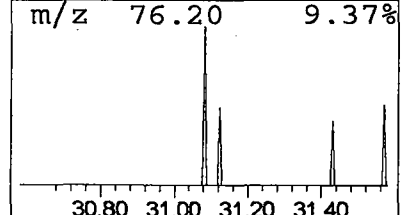
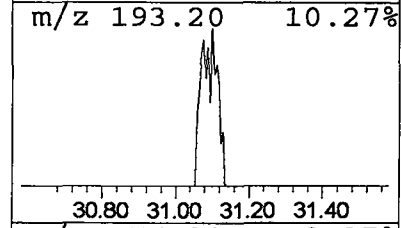
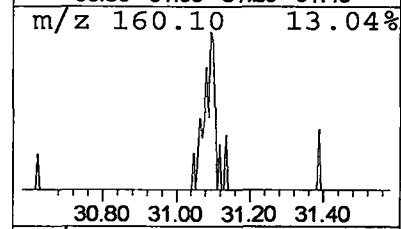
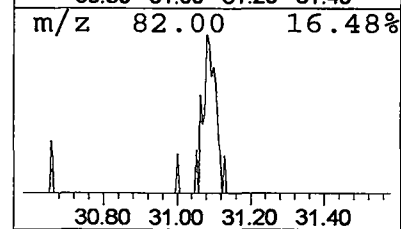
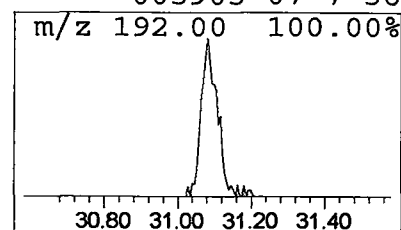
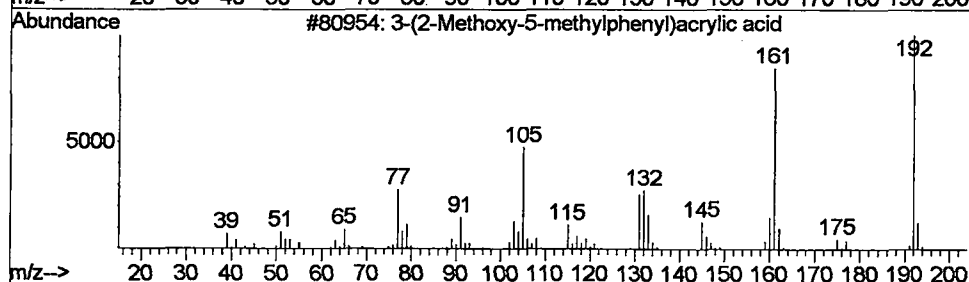
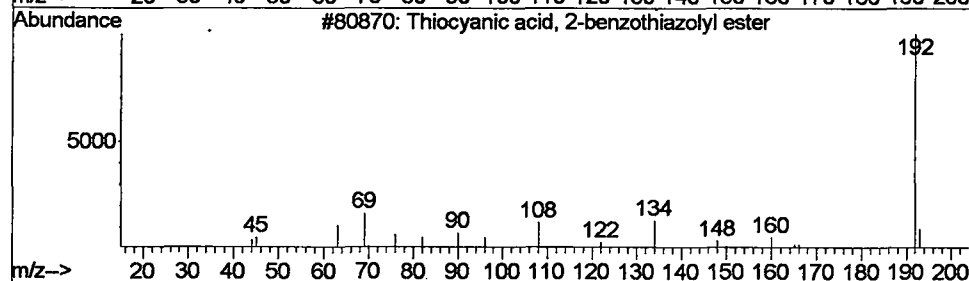
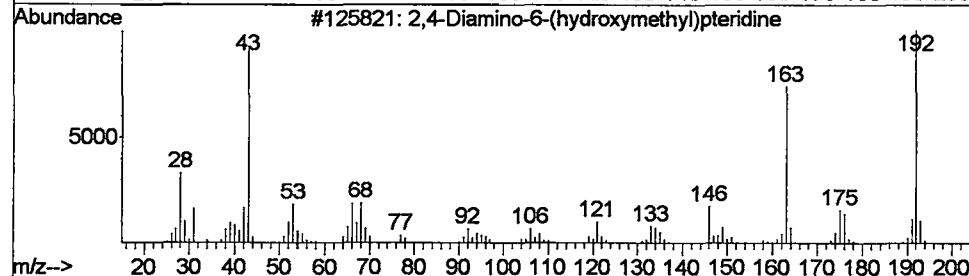
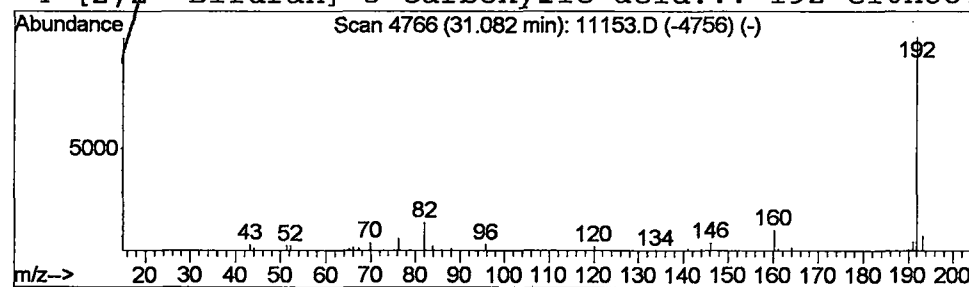
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.l

Peak Number 3 2,4-Diamino-6-(hydroxymethy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.08	0.32 ug/l	35363	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4-Diamino-6-(hydroxymethyl)pte...	192	C7H8N6O	000945-24-4	40
2			Thiocyanic acid, 2-benzothiazoly...	192	C8H4N2S2	006011-99-0	38
3			3-(2-Methoxy-5-methylphenyl)acry...	192	C11H12O3	103986-76-1	38
4			[2,2'-Bifuran]-3-carboxylic acid...	192	C10H8O4	005905-07-7	36



Library Search Compound Report

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 Sample : sample
 Misc :
 MS Integration Params: rteint.e

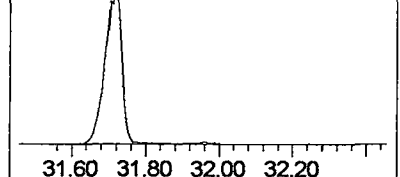
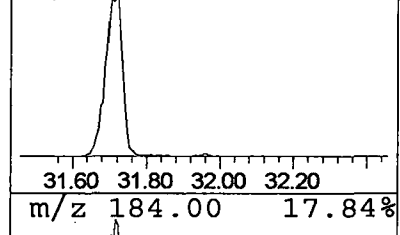
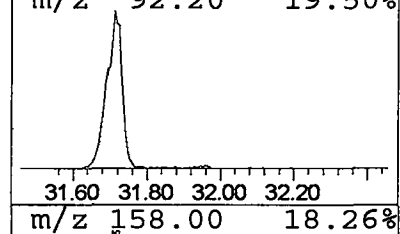
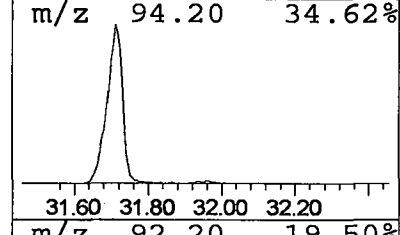
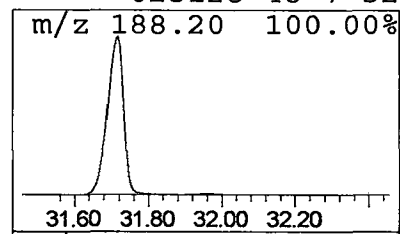
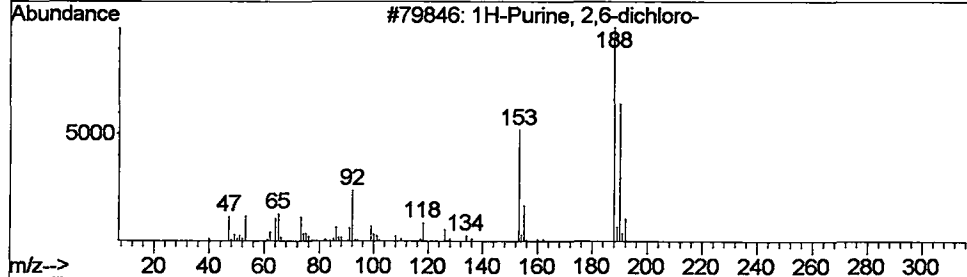
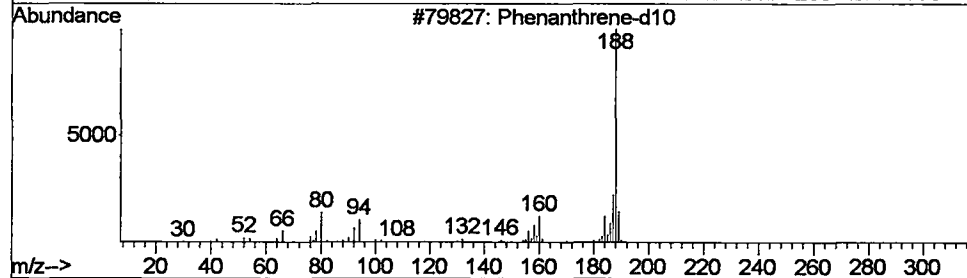
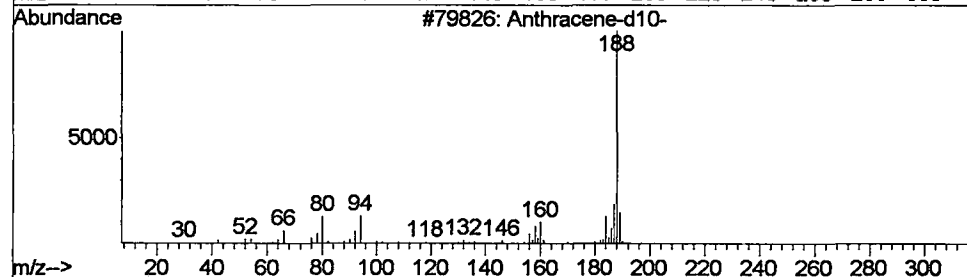
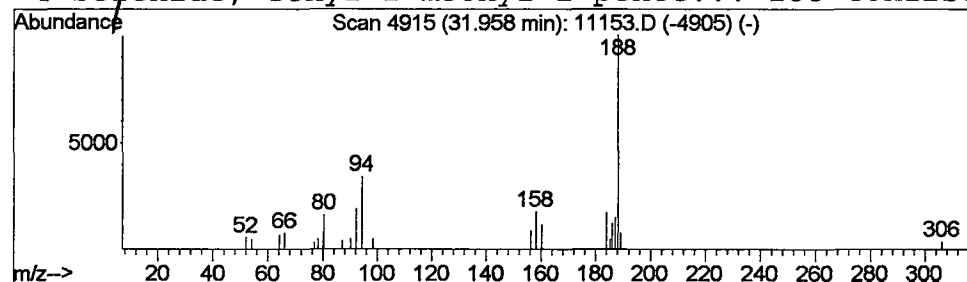
Vial: 19
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 4 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.36 ug/l	39383	Phenanthrene-d10	31.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene-d10-	188	C14D10	001719-06-8	64
2		Phenanthrene-d10	188	C14D10	001517-22-2	59
3		1H-Purine, 2,6-dichloro-	188	C5H2Cl2N4	005451-40-1	32
4		Selenide, ethyl 1-methyl-1-pente...	188	C8H12Se	025128-48-7	32



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 16 May 2002 5:35 am
Data File: C:\MSDCHEM\1\DATA\020515\11153.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...	6.16	22.6	ug/l	1755900	1	11.38	3104990	40.0
Benzene, 1,2,3,5-...	28.90	0.3	ug/l	27821	4	31.72	4386340	40.0
2,4-Diamino-6-(hy...	31.08	0.3	ug/l	35363	4	31.72	4386340	40.0
- Anthracene-d10-	31.96	0.4	ug/l	39383	4	31.72	4386340	40.0