

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 05/28/2002 Time: 11:57:37

Sample: AE11303
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 5/28/02 11:57 Ended: 5/28/02 11:57 Analyst: DLV
 Page: 1

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

Comments for Sample AE11303 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-28-2002 Time: 11:57:53

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\020516\11303.D

Vial: 14

Acq On : 16 May 2002 10:12 pm

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: rteint.e

Quant Time: May 17 13:08:30 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 16 14:49:15 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	313666	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1169307	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	624330	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1066480	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	838490	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	489009	40.00	ug/l	-0.03

System Monitoring Compounds

27) TCMX	27.55	207	171789	34.45	ug/l	-0.02
Spiked Amount	40.000		Recovery	=	86.13%	

Target Compounds

43) Bis(2-ethylhexyl)phthalate	40.52	149	35635	1.98	ug/l	Qvalue 86
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(#) = qualifier out of range (m) = manual integration (+) = signals summed
11303.D SCAN020507.M Fri May 17 13:09:37 2002 Page 1

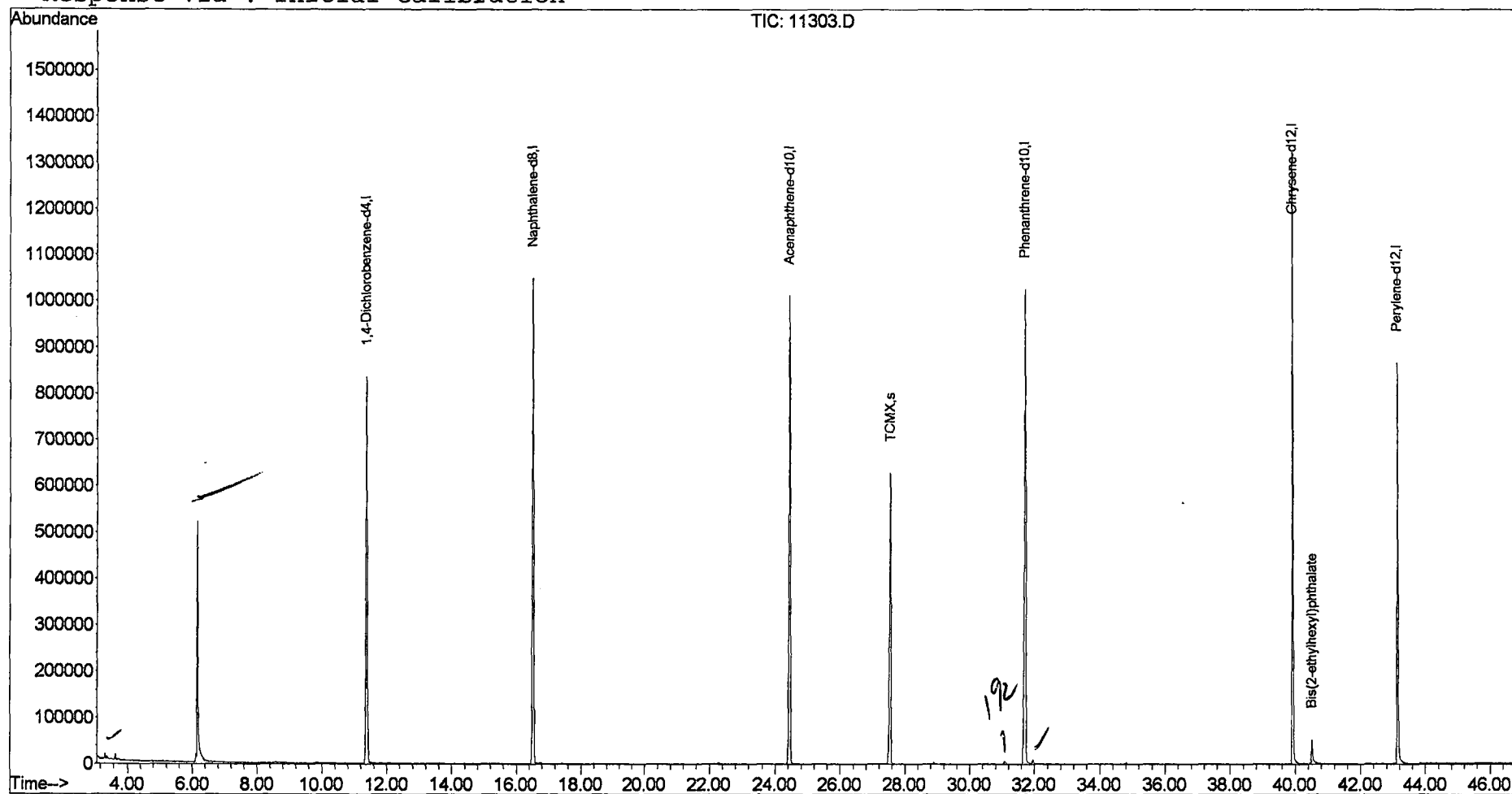
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020516\11303.D
 Acq On : 16 May 2002 10:12 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e
 Quant Time: May 17 13:09 2002

Vial: 14
 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 16 14:49:15 2002
 Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020516\11303.D

Acq On : 16 May 2002 10:12 pm

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 14

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

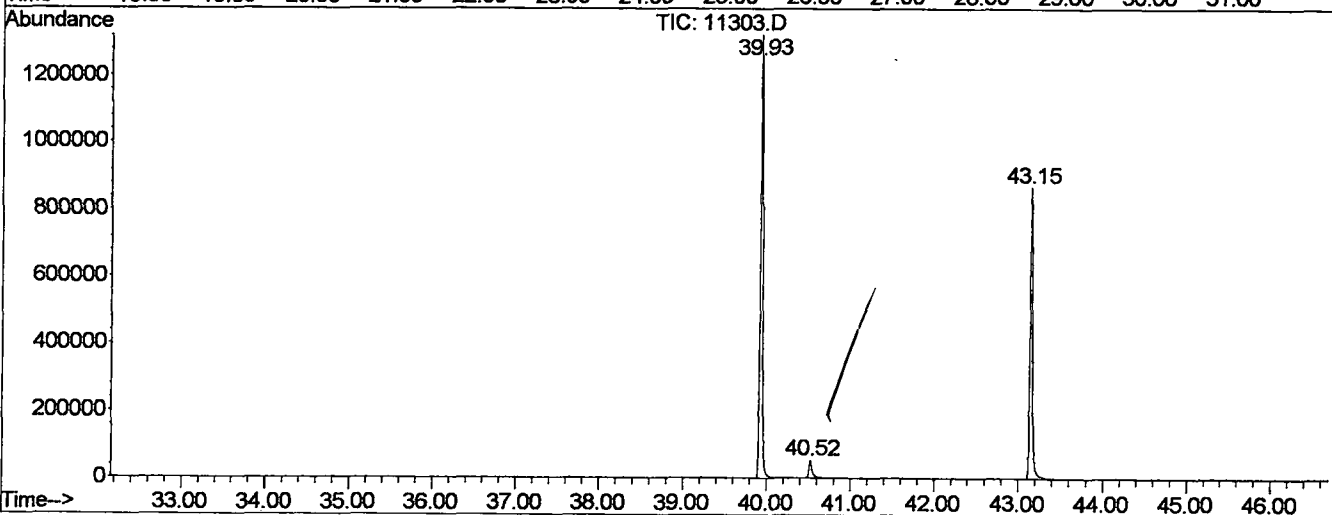
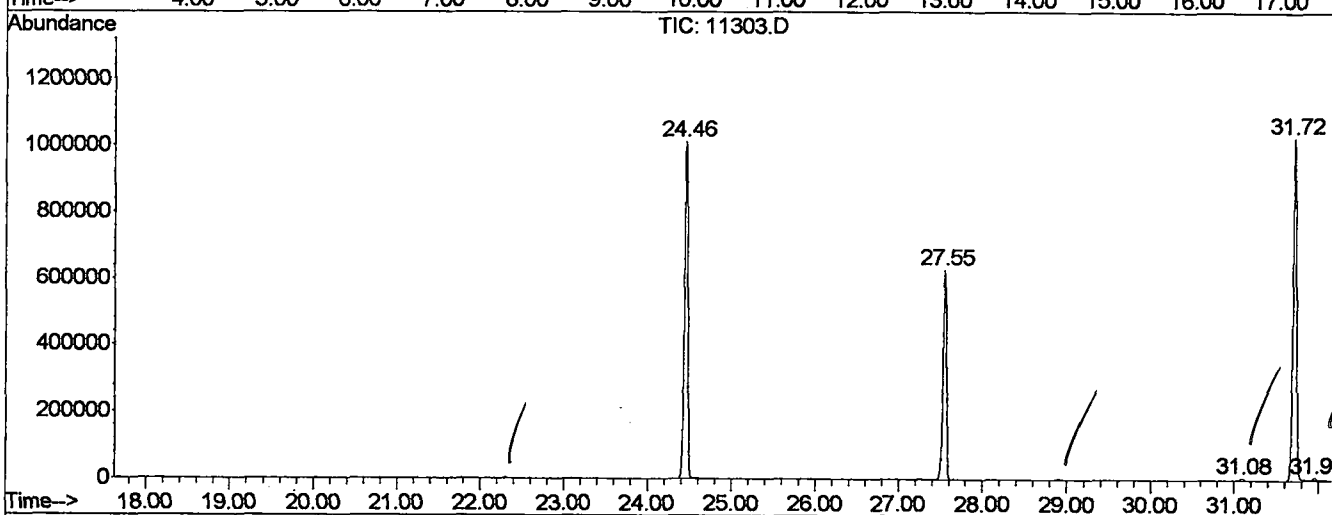
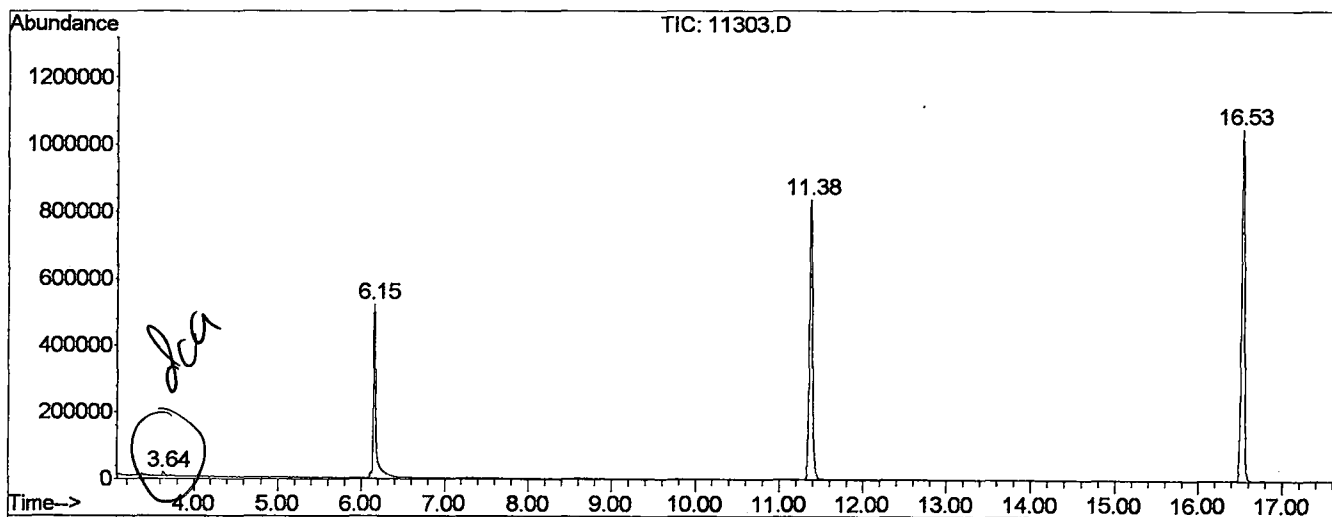
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.643	91	96	105	rVB4	12978	22312	0.74%	0.124%
2	6.152	510	523	573	rBV	521068	1159827	38.52%	6.421%
3	11.375	1400	1412	1436	rBV	836446	2156677	71.63%	11.941%
4	16.534	2275	2290	2310	rBV	1049221	2692238	89.42%	14.906%
5	24.460	3624	3639	3656	rBV	1012910	2801807	93.06%	15.512%
6	27.551	4144	4165	4178	rBV2	629268	1785530	59.30%	9.886%
7	31.082	4760	4766	4776	rVB3	5977	16677	0.55%	0.092%
8	31.717	4857	4874	4897	rBV2	1027031	3010842	100.00%	16.670%
9	31.958	4904	4915	4923	rVB4	8208	23708	0.79%	0.131%
10	39.931	6262	6272	6292	rBV2	1321157	2534360	84.17%	14.032%
11	40.518	6364	6372	6387	rBV2	51614	135560	4.50%	0.751%
12	43.151	6809	6820	6855	rBV	866775	1722260	57.20%	9.535%

Sum of corrected areas: 18061798

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020516\11303.D
 Operator : Nefliu
 Acquired : 16 May 2002 10:12 pm using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 14
 Quant File :SCAN020507.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020516\11303.D
Acq On : 16 May 2002 10:12 pm
Sample : sample
Misc :
MS Integration Params: rteint.e

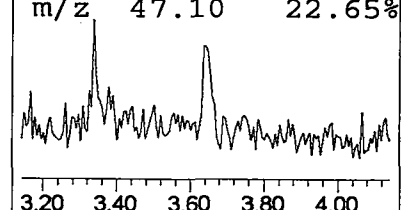
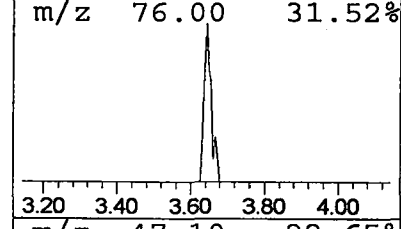
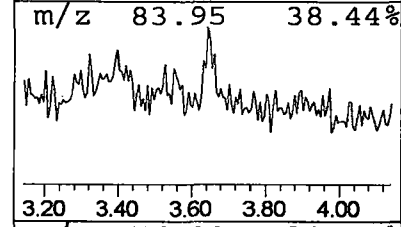
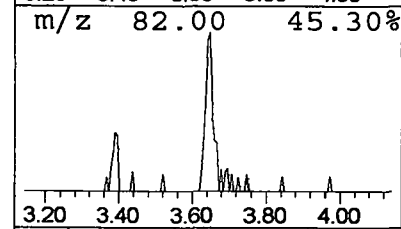
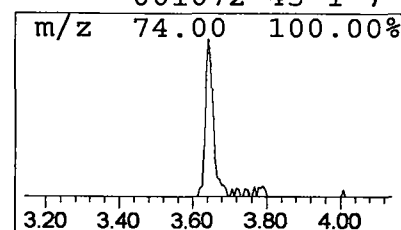
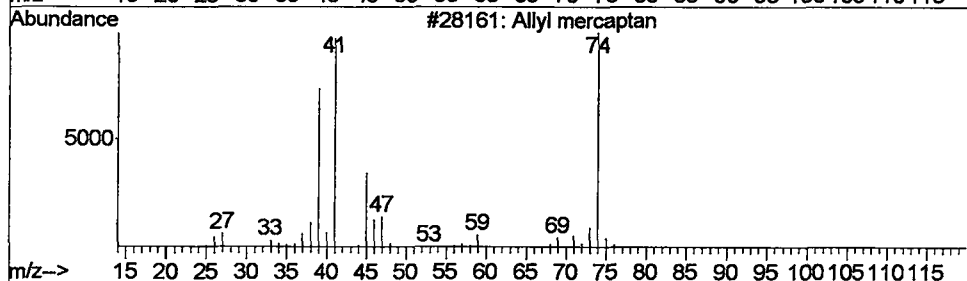
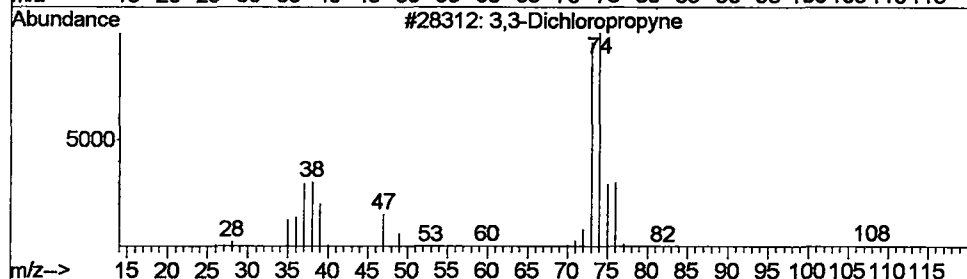
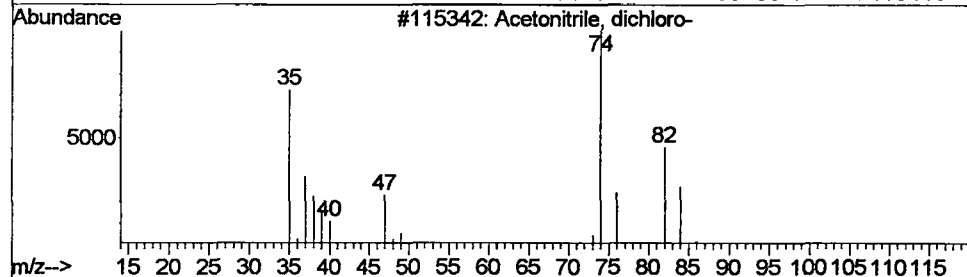
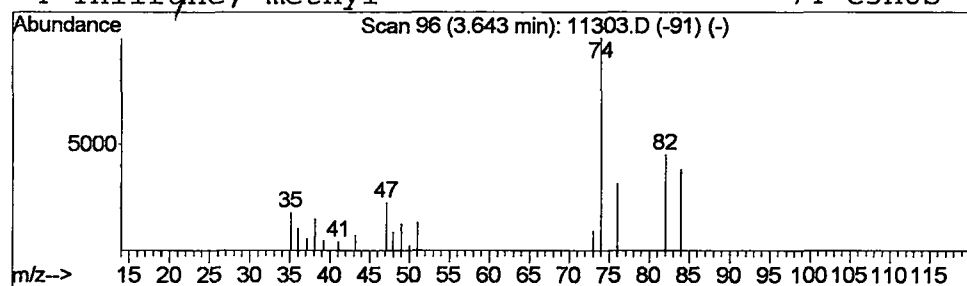
Vial: 14
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 1 Acetonitrile, dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.64	0.41 ug/l	22312	1,4-Dichlorobenzene-d4	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	56
2		3,3-Dichloropropyne	108	C3H2Cl2	1000222-23-9	25
3		Allyl mercaptan	74	C3H6S	000870-23-5	9
4		Thiirane, methyl-	74	C3H6S	001072-43-1	7



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020516\11303.D

Acq On : 16 May 2002 10:12 pm

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 14

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

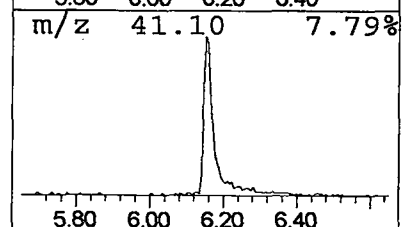
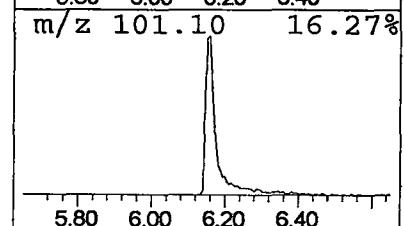
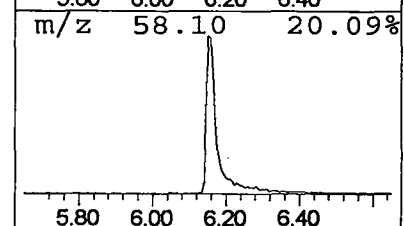
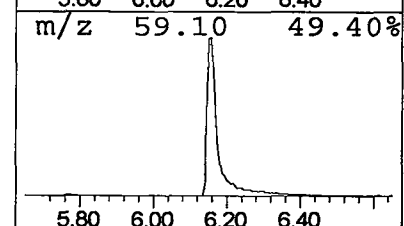
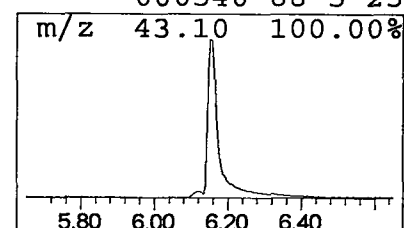
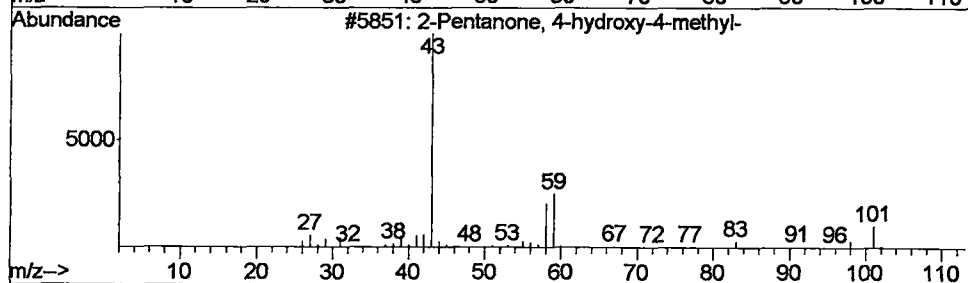
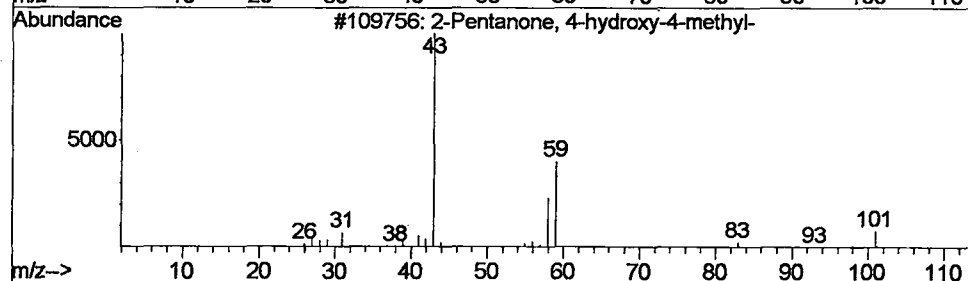
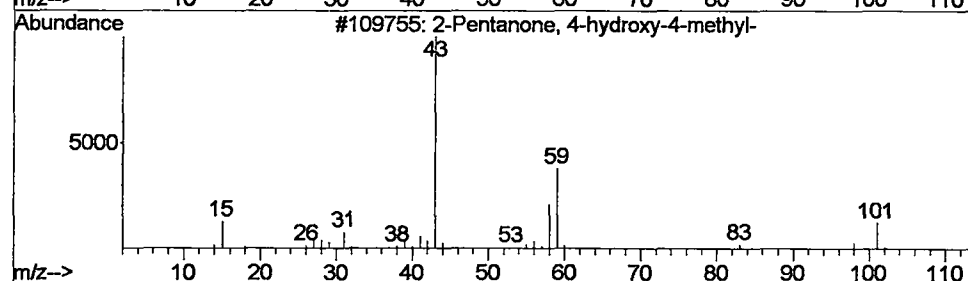
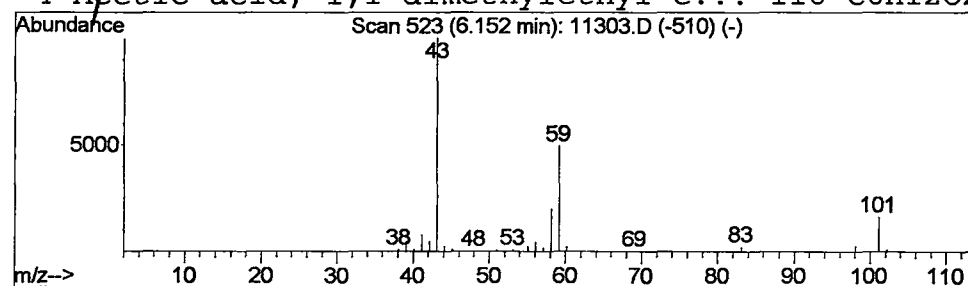
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.l

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	21.51 ug/l	1159830	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	56
3			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	36
4			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25



Library Search Compound Report

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Acq On : 16 May 2002 10:12 pm
Sample : sample
Misc :
MS Integration Params: rteint.e

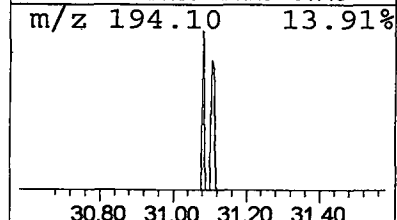
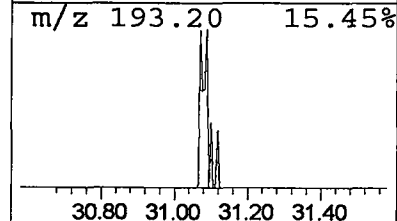
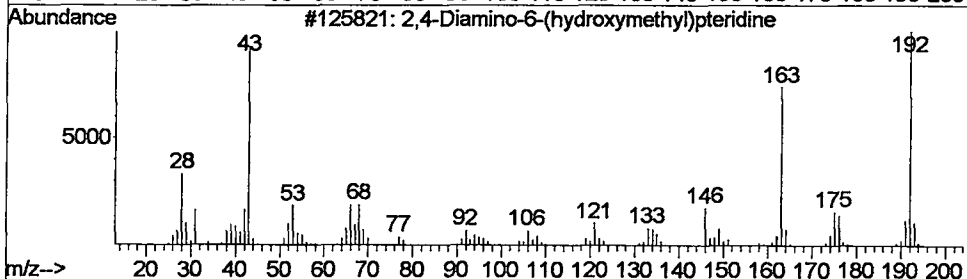
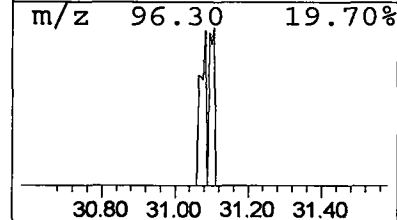
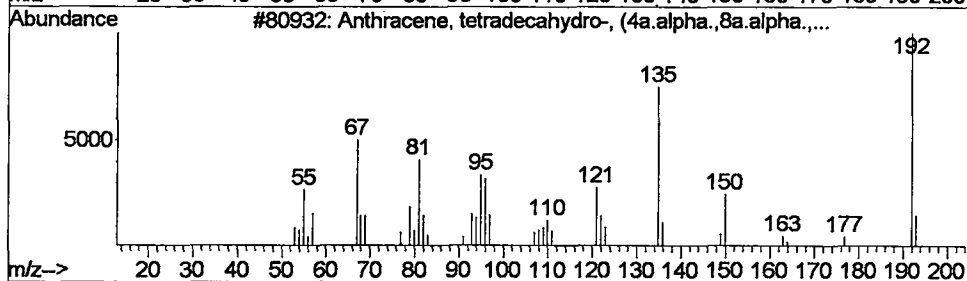
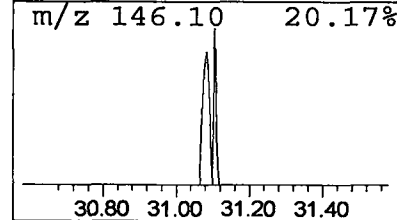
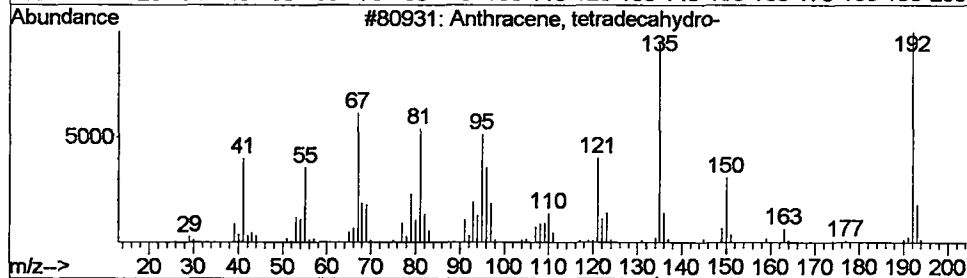
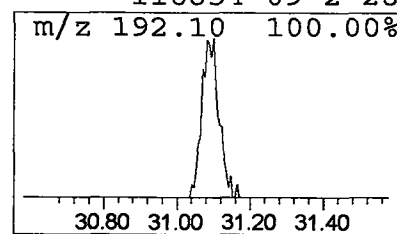
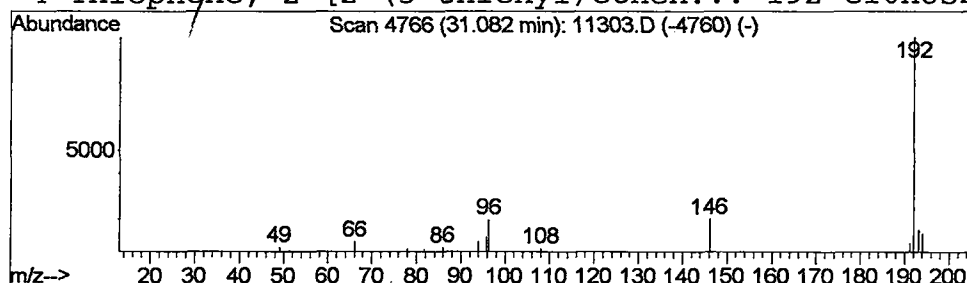
Vial: 14
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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, tetradecahydro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.08	0.22 ug/l	16677	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, tetradecahydro-	192	C14H24	006596-35-6	53
2			Anthracene, tetradecahydro-, (4a...	192	C14H24	001755-19-7	50
3			2,4-Diamino-6-(hydroxymethyl)pte...	192	C7H8N6O	000945-24-4	33
4			Thiophene, 2-[2-(3-thienyl)ethen...	192	C10H8S2	116854-09-2	28



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020516\11303.D
Acq On : 16 May 2002 10:12 pm
Sample : sample
Misc :
MS Integration Params: rteint.e

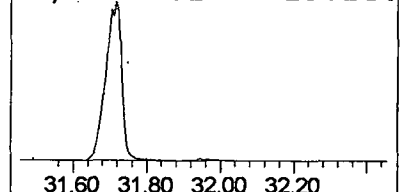
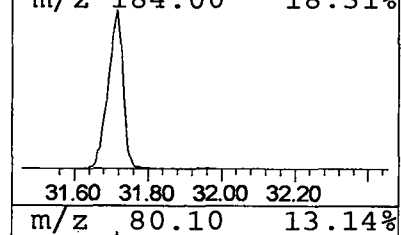
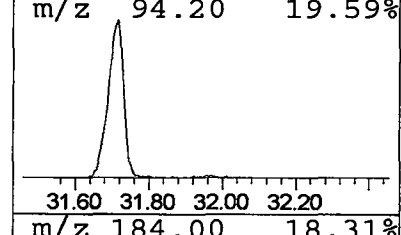
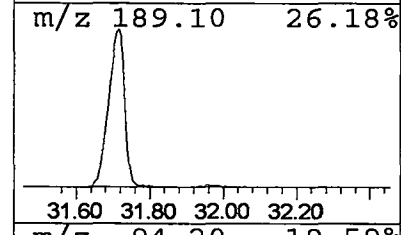
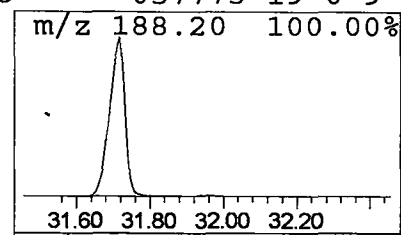
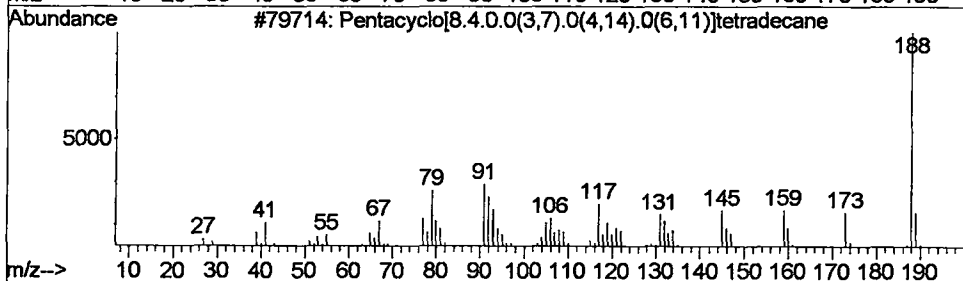
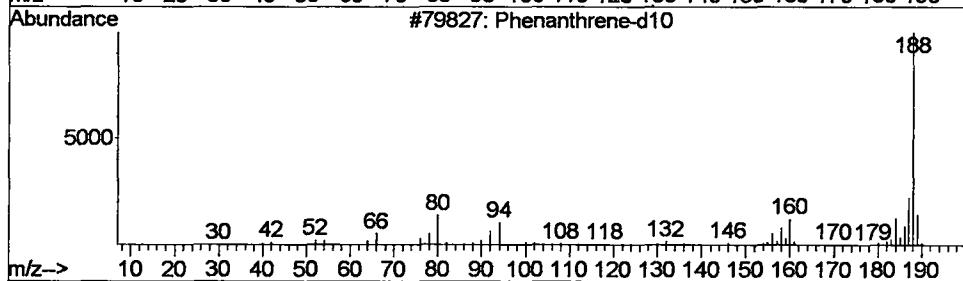
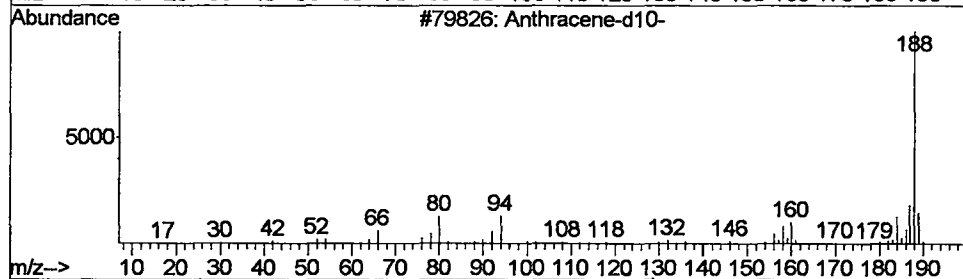
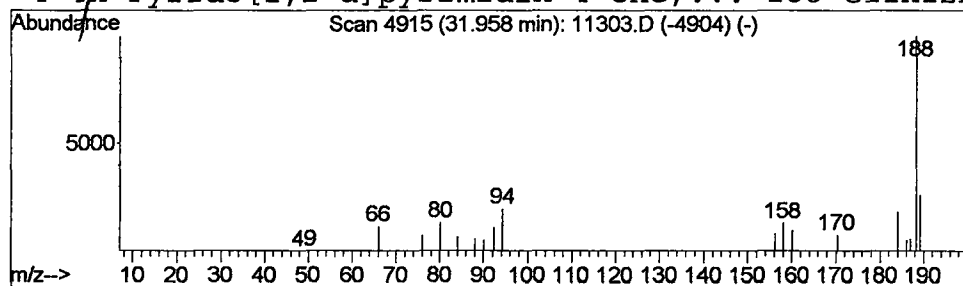
Vial: 14
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.31 ug/l	23708	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
< 1			Anthracene-d10-	188	C14D10	001719-06-8	72
2			Phenanthrene-d10	188	C14D10	001517-22-2	50
3			Pentacyclo[8.4.0.0(3,7).0(4,14)....	188	C14H20	1000099-27-2	9
4			4H-Pyrido[1,2-a]pyrimidin-4-one,...	188	C11H12N2O	057773-19-0	9



tentatively identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 16 May 2002 10:12 pm
Data File: C:\MSDCHEM\1\DATA\020516\11303.D
Name: sample
Misc:
Method: C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title: Method 508 GC/MS Scan
Library Searched: C:\DATABASE\nist98.l

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Acetonitrile, dic...	3.64	0.4	ug/l	22312	1	11.38	2156680	40.0
2-Pentanone, 4-hy...	6.15	21.5	ug/l	1159830	1	11.38	2156680	40.0
Anthracene, tetra...	31.08	0.2	ug/l	16677	4	31.72	3010840	40.0
Anthracene-d10-	31.96	0.3	ug/l	23708	4	31.72	3010840	40.0