

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/28/2002 Time: 12:00:43

Sample: AE11305
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/28/02 12:00 Ended: 5/28/02 12:00 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		85		10.0

Comments for Sample AE11305 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-28-2002 Time: 12:01:24

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\11305.D Vial: 16
 Acq On : 17 May 2002 12:10 am Operator: Nefliu
 Sample : sample Inst : Instrumen
 Misc : Multiplr: 1.00
 MS Integration Params: rteint.e
 Quant Time: May 17 13:11:40 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	11.37	152	309331	40.00	ug/l	-0.02
10) Naphthalene-d8	16.53	136	1159696	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	624221	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.71	188	1063747	40.00	ug/l	-0.03
38) Chrysene-d12	39.93	240	825388	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	495651	40.00	ug/l	-0.03
System Monitoring Compounds						
27) TCMX	27.55	207	170196	34.13	ug/l	-0.03
Spiked Amount	40.000		Recovery	=	85.33%	
Target Compounds						
43) Bis(2-ethylhexyl)phthalate	40.51	149	22140	1.25	ug/l	Qvalue 89

 (#) = qualifier out of range (m) = manual integration (+) = signals summed
 11305.D SCAN020507.M Fri May 17 13:12:41 2002 Page 1

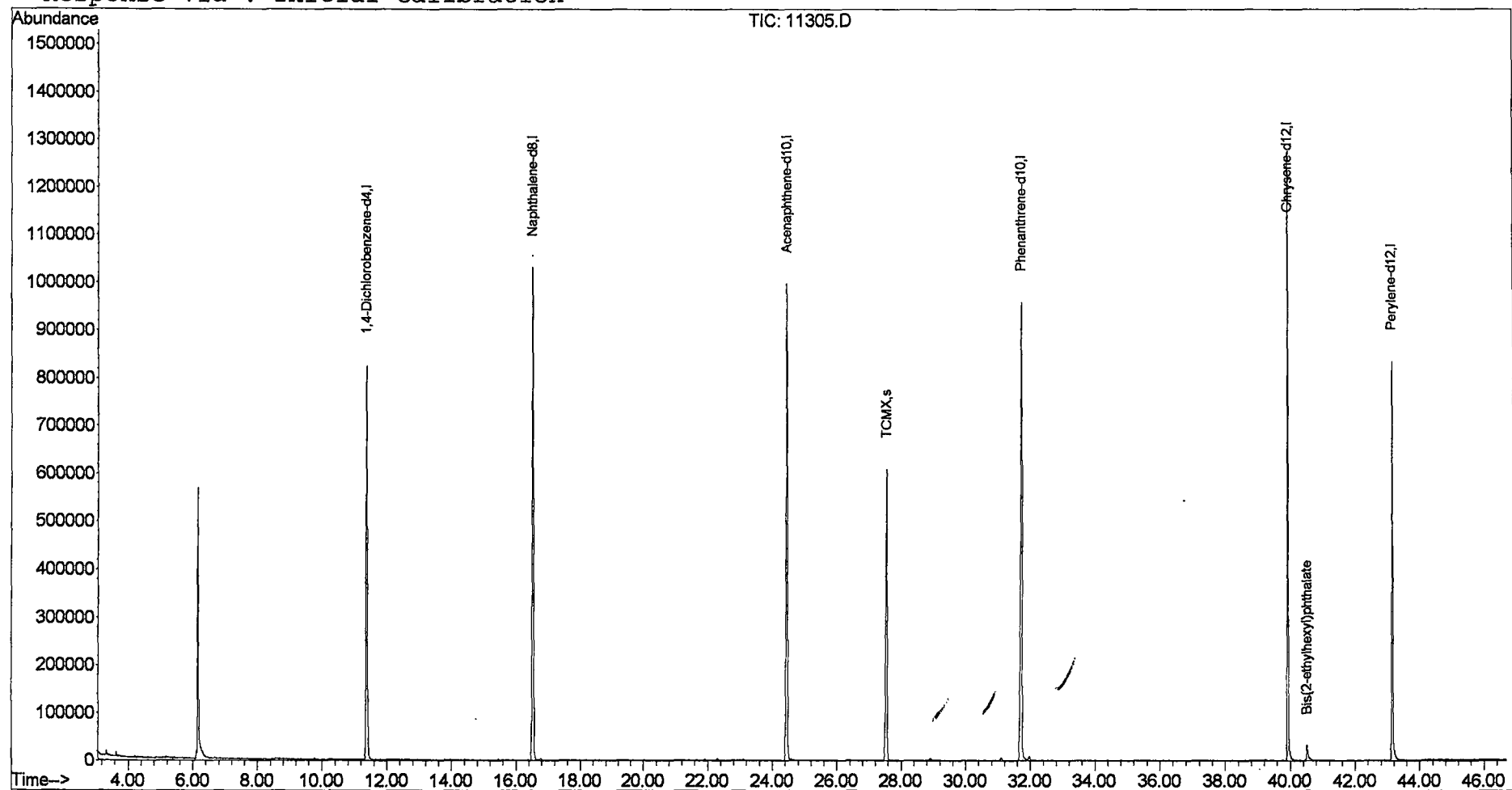
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020516\11305.D
Acq On : 17 May 2002 12:10 am
Sample : sample
Misc :
MS Integration Params: rteint.e
Quant Time: May 17 13:12 2002

Vial: 16
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\11305.D
 Acq On : 17 May 2002 12:10 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

Vial: 16
 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

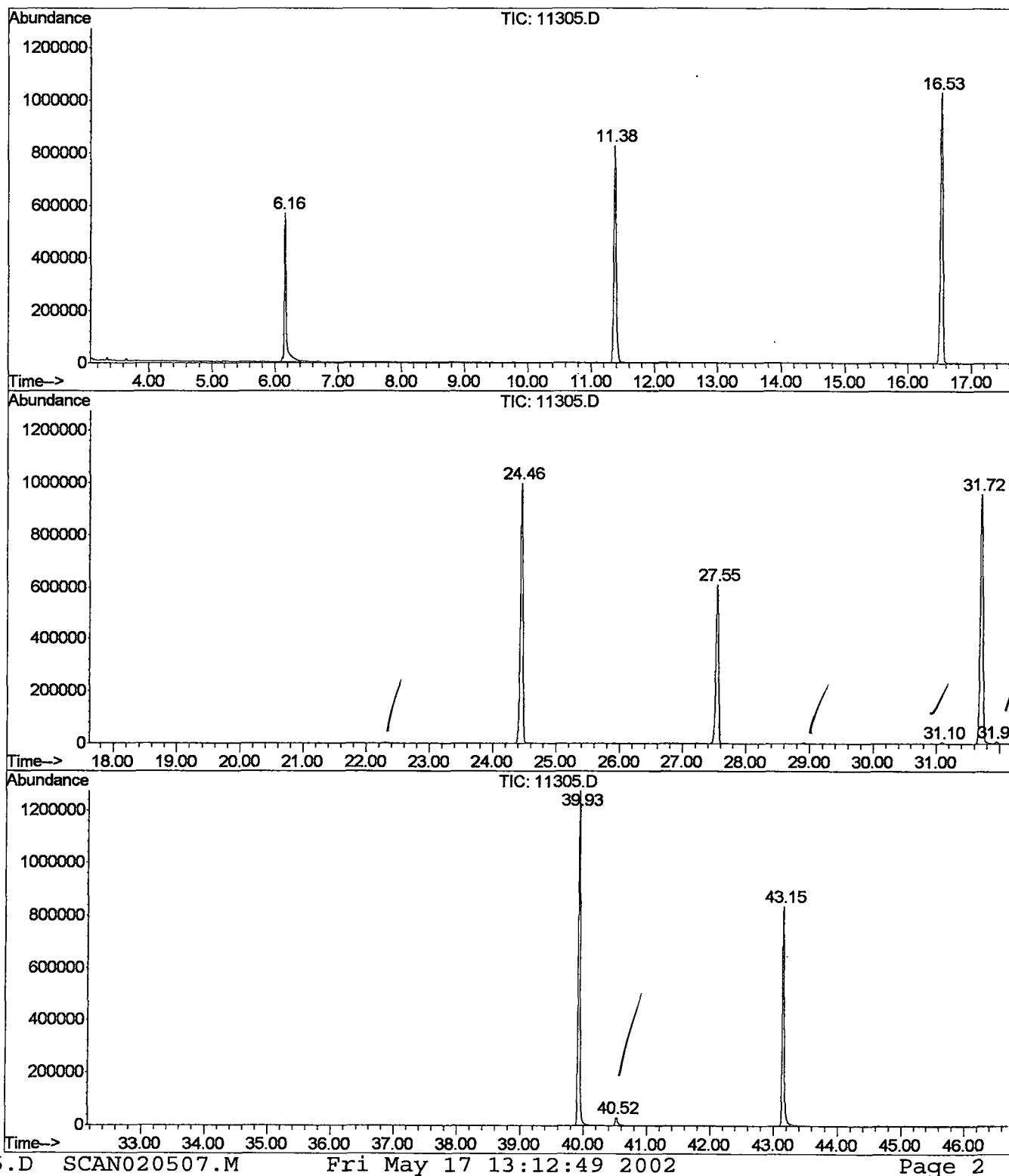
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.158	512	524	567	rBV	566322	1193847	39.94%	6.659%
2	11.375	1401	1412	1433	rBV	826333	2152889	72.03%	12.009%
3	16.534	2274	2290	2310	rBV	1031851	2695722	90.19%	15.037%
4	24.460	3622	3639	3655	rBV	997786	2781632	93.07%	15.516%
5	27.551	4143	4165	4176	rBV2	610263	1762632	58.97%	9.832%
6	31.100	4759	4769	4777	rBV5	5998	17685	0.59%	0.099%
7	31.717	4852	4874	4896	rBV3	958958	2988901	100.00%	16.673%
8	31.952	4907	4914	4924	rVB4	7474	20705	0.69%	0.115%
9	39.931	6259	6272	6297	rBV2	1274066	2515836	84.17%	14.034%
10	40.518	6364	6372	6397	rBV2	30807	88483	2.96%	0.494%
11	43.151	6809	6820	6838	rBV2	834803	1708784	57.17%	9.532%

Sum of corrected areas: 17927116

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020516\11305.D
Operator : Nefliu
Acquired : 17 May 2002 12:10 am using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: sample
Misc Info :
Vial Number: 16
Quant File :SCAN020507.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020516\11305.D
Acq On : 17 May 2002 12:10 am
Sample : sample
Misc :
MS Integration Params: rteint.e

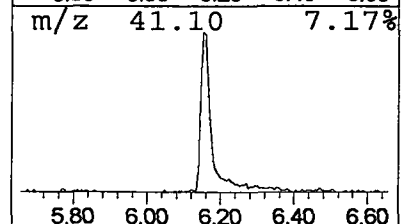
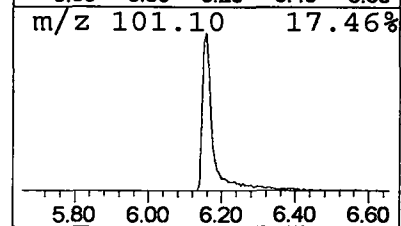
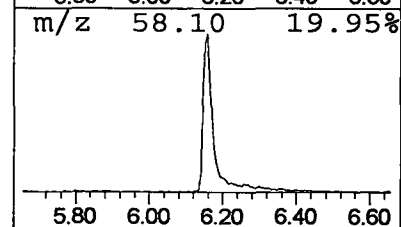
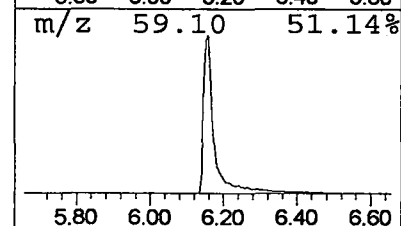
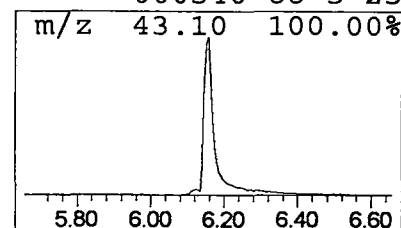
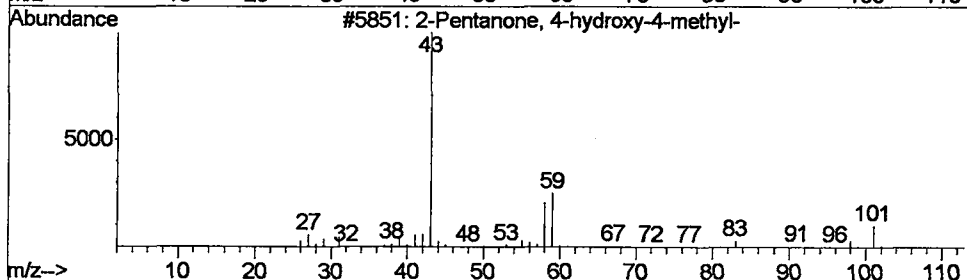
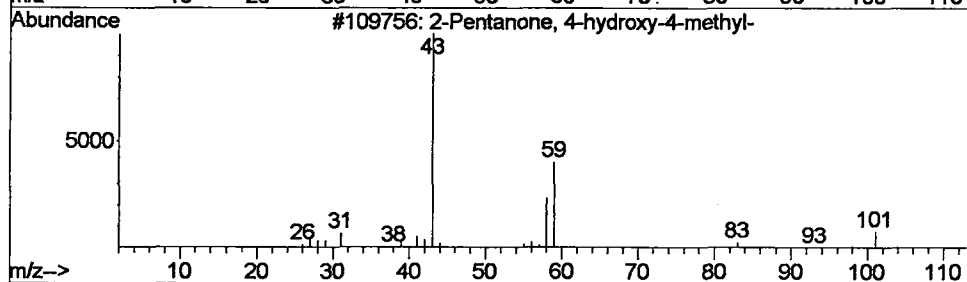
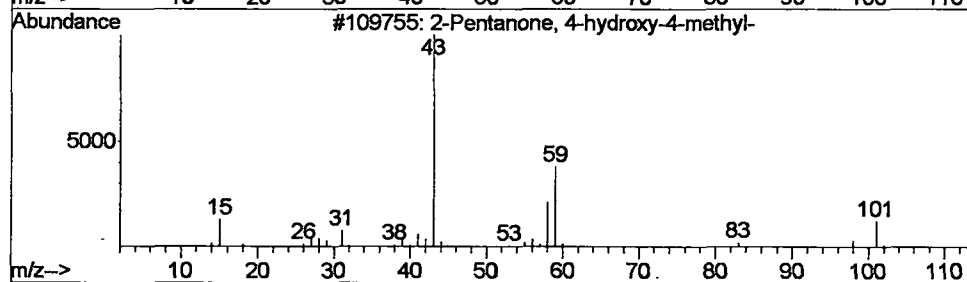
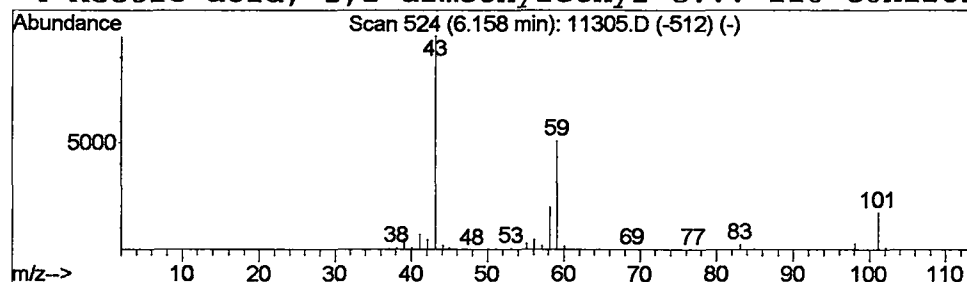
Vial: 16
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	22.18 ug/l	1193850	1,4-Dichlorobenzene-d4	11.37

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	72
3			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47
4			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020516\11305.D
 Acq On : 17 May 2002 12:10 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

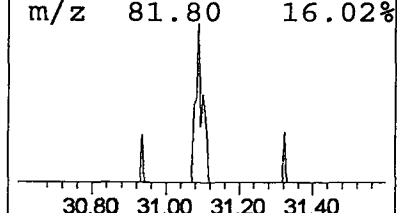
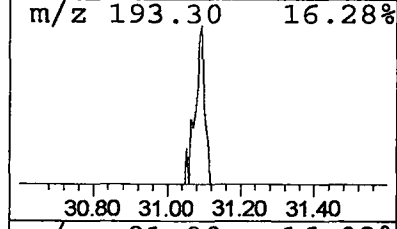
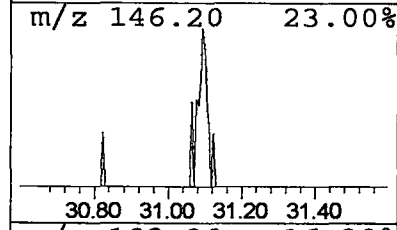
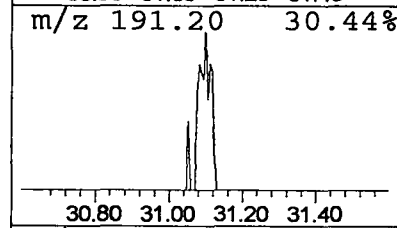
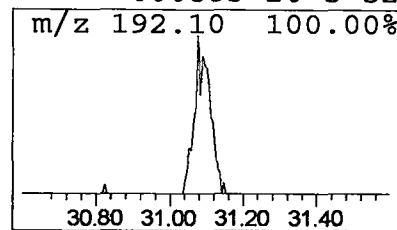
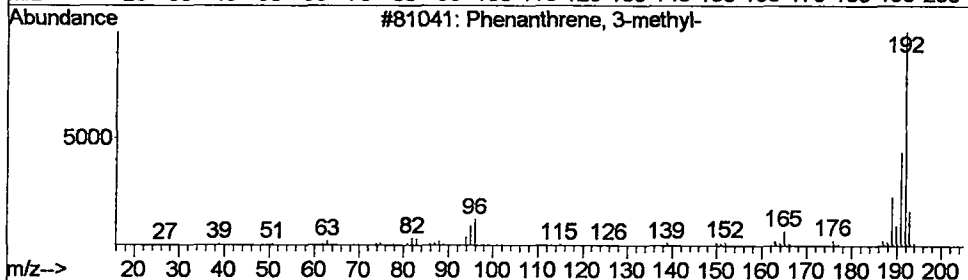
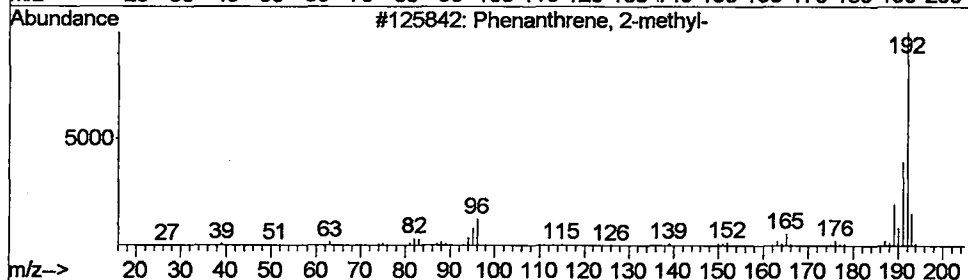
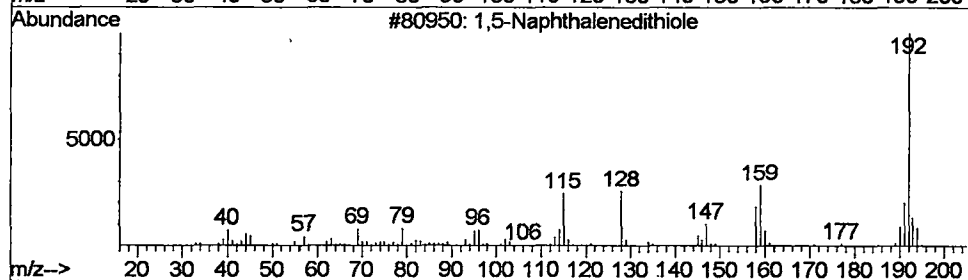
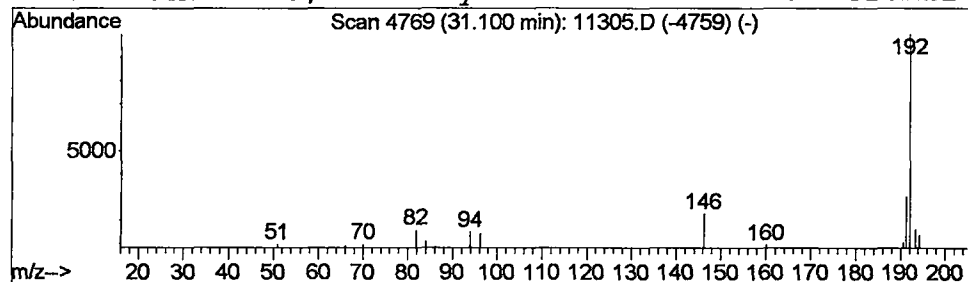
Vial: 16
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 2 1,5-Naphthalenedithiole Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.10	0.24 ug/l	17685	Phenanthrene-d10	31.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,5-Naphthalenedithiole	192	C10H8S2	1000223-69-5	53
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	52
3			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	52
4			Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	52



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020516\11305.D
Acq On : 17 May 2002 12:10 am
Sample : sample
Misc :
MS Integration Params: rteint.e

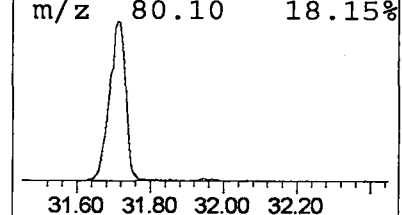
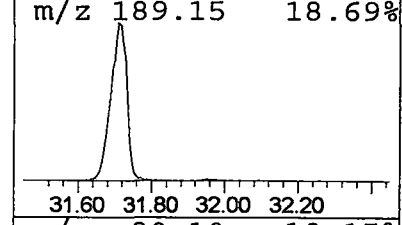
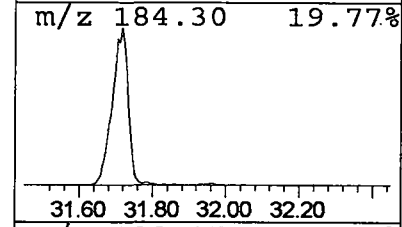
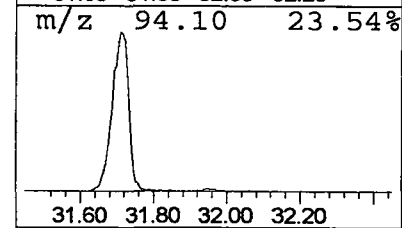
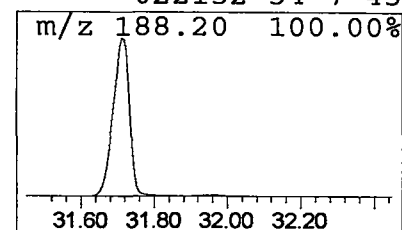
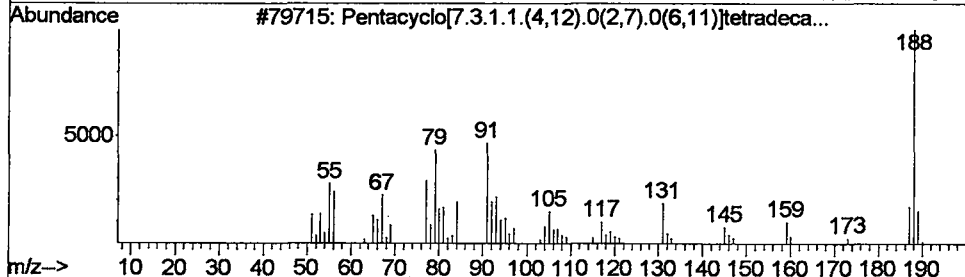
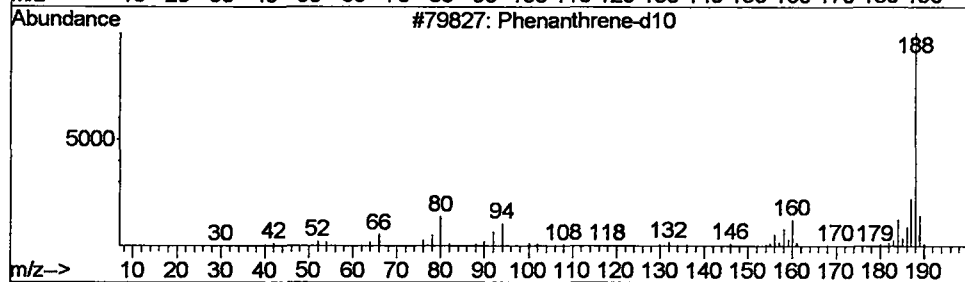
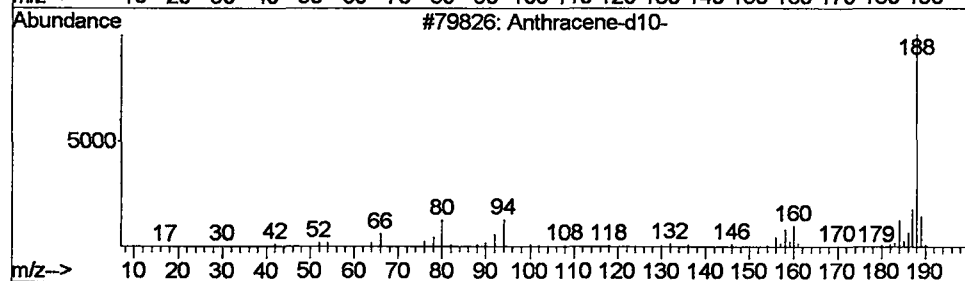
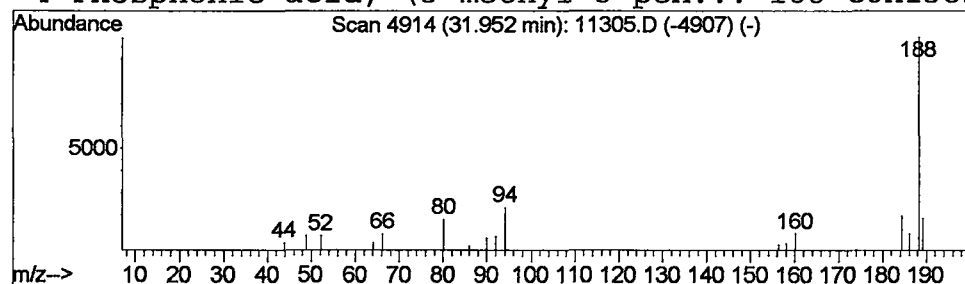
Vial: 16
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.95	0.28 ug/l	20705	Phenanthrene-d10	31.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene-d10-	188	C14D10	001719-06-8	74
2			Phenanthrene-d10	188	C14D10	001517-22-2	68
3			Pentacyclo[7.3.1.1.(4,12).0(2,7)...]	188	C14H20	1000215-61-8	47
4			Phosphonic acid, (3-methyl-3-pen...	188	C8H13O3P	022152-34-7	43



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 17 May 2002 12:10 am
Data File: C:\MSDCHEM\1\DATA\020516\11305.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	#	RT	Resp	Conc
2-Pentanone, 4-hy...	6.16	22.2	ug/l	1193850	1	11.37	2152890	40.0
1,5-Naphthalenedi...	31.10	0.2	ug/l	17685	4	31.71	2988900	40.0
Anthracene-d10-	31.95	0.3	ug/l	20705	4	31.71	2988900	40.0