

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/29/2002 Time: 13:53:30

Sample: AE11427
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/29/02 13:53 Ended: 5/29/02 13:53 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 AE11427 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-29-2002 Time: 13:53:51

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\11427.D

Acq On : 21 May 2002 8:13 pm

Sample : sample

Misc :

MS Integration Params: rteint.e

Quant Time: May 24 09:28:46 2002

Vial: 13

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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	420023	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1590748	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	855510	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.71	188	1443704	40.00	ug/l	-0.03
38) Chrysene-d12	39.93	240	1118775	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	604842	40.00	ug/l	-0.03
System Monitoring Compounds						
27) TCMX	27.55	207	233723	34.06	ug/l	-0.04
Spiked Amount	40.000		Recovery	=	85.15%	
Target Compounds						
35) Di-n-butylphthalate	34.82	149	17470	0.38	ug/l	Qvalue 93

(#) = qualifier out of range (m) = manual integration (+) = signals summed
11427.D SCAN020521.M Fri May 24 09:30:30 2002 Page 1

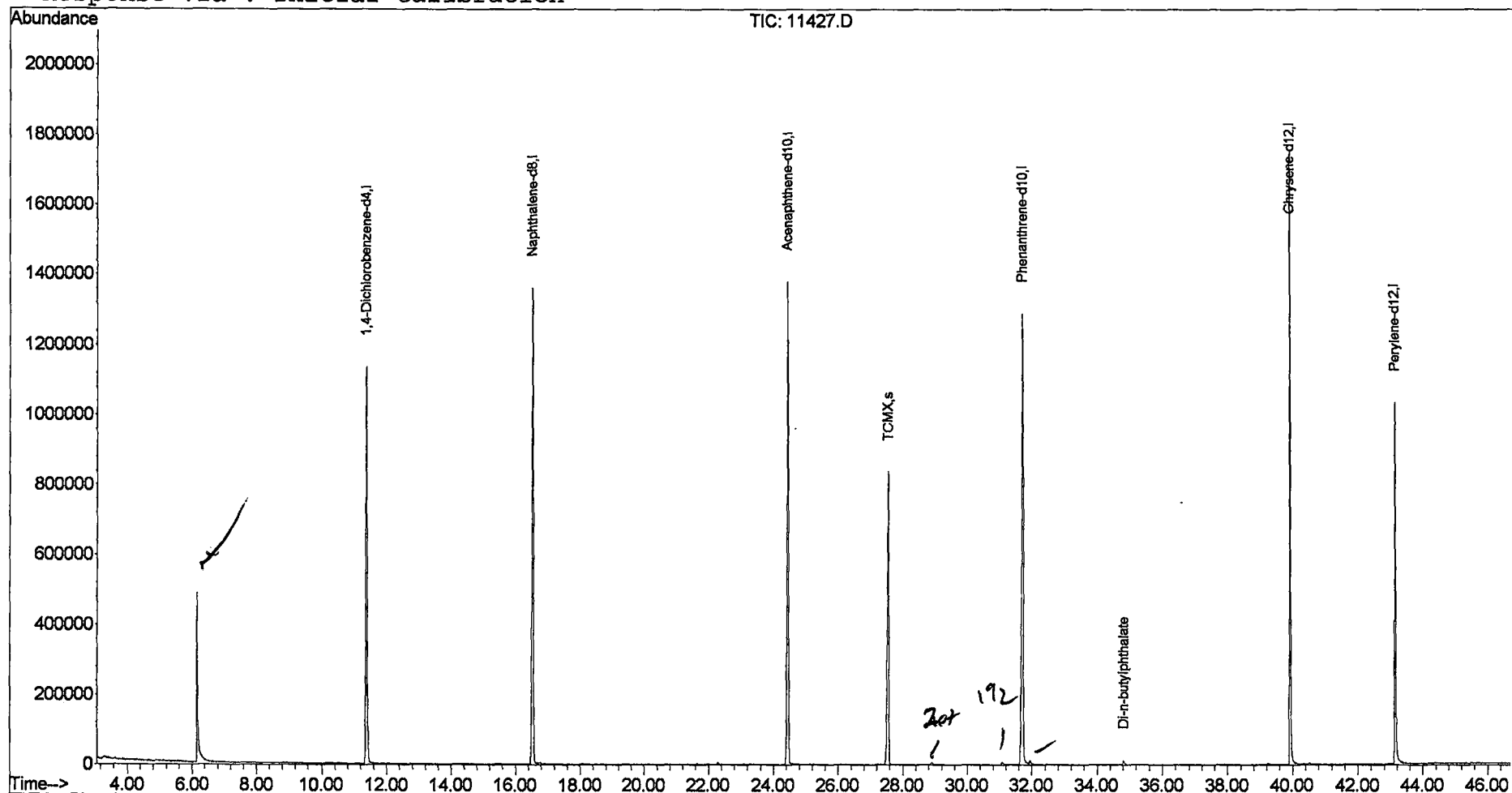
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020521\11427.D
 Acq On : 21 May 2002 8:13 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e
 Quant Time: May 24 9:30 2002

Vial: 13
 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\11427.D

Vial: 13

Acq On : 21 May 2002 8:13 pm

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: rteint.e

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

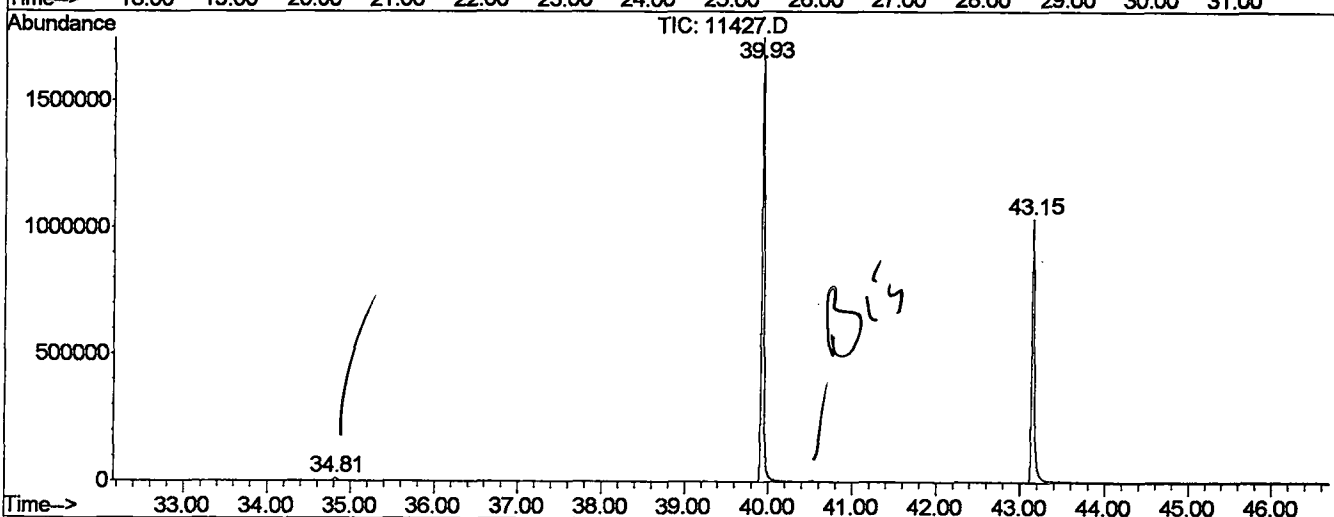
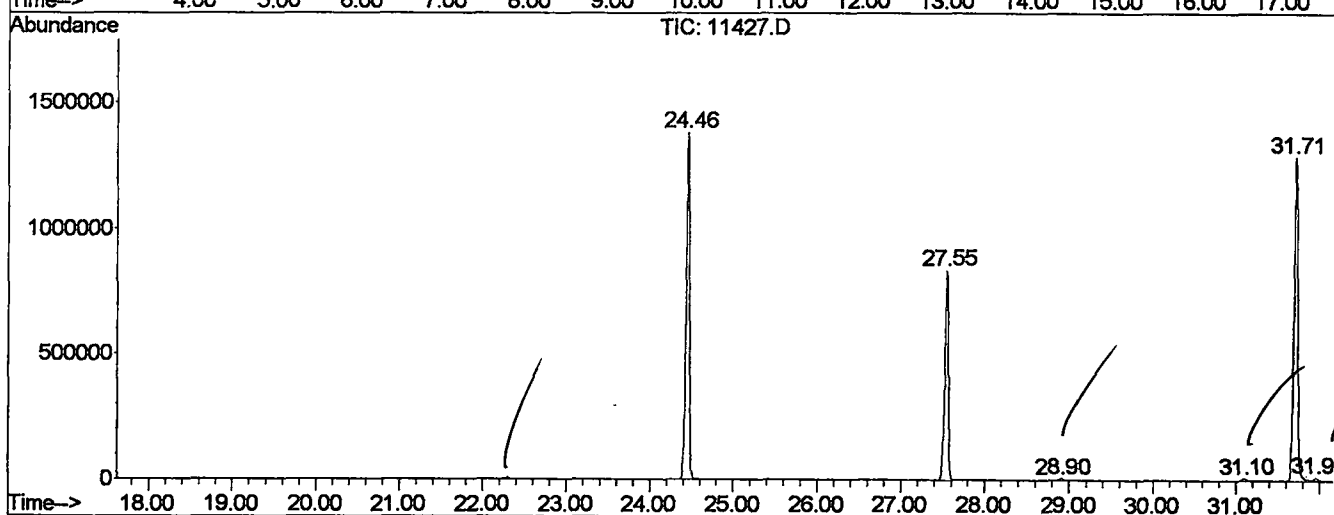
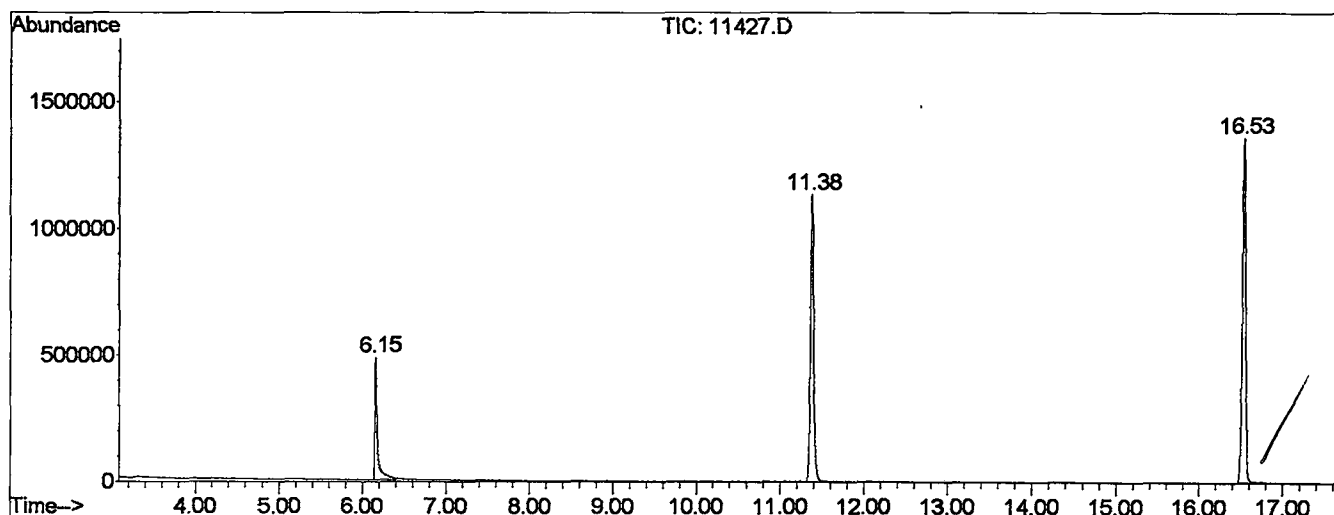
Signal : TIC

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	566	rBV	482993	998181	24.64%	4.227%
2	11.375	1399	1412	1432	rBV	1133204	2934534	72.44%	12.428%
3	16.534	2274	2290	2306	rBV	1361062	3659598	90.34%	15.498%
4	24.460	3622	3639	3657	rBV	1380213	3834289	94.66%	16.238%
5	27.551	4146	4165	4177	rBV2	838005	2436637	60.15%	10.319%
6	28.902	4385	4395	4407	rBV4	6493	21719	0.54%	0.092%
7	31.100	4760	4769	4782	rVB6	8674	30706	0.76%	0.130%
8	31.711	4857	4873	4893	rBV3	1288431	4050751	100.00%	17.155%
9	31.963	4907	4916	4925	rVB3	9859	29513	0.73%	0.125%
10	34.813	5390	5401	5411	rBV2	12838	37417	0.92%	0.158%
11	39.931	6257	6272	6293	rBV2	1748487	3412259	84.24%	14.451%
12	43.151	6805	6820	6848	rBV2	1035521	2167437	53.51%	9.179%

Sum of corrected areas: 23613041

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020521\11427.D
 Operator : Nefliu
 Acquired : 21 May 2002 8:13 pm using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 13
 Quant File :SCAN020521.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020521\11427.D
 Acq On : 21 May 2002 8:13 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

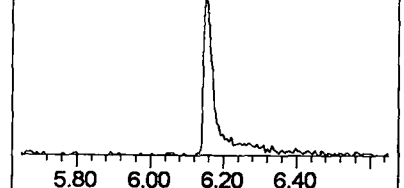
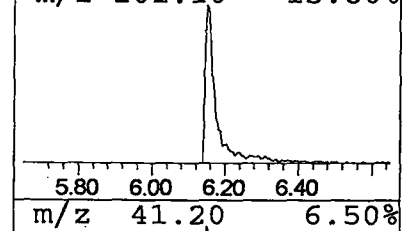
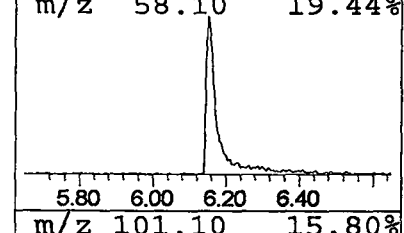
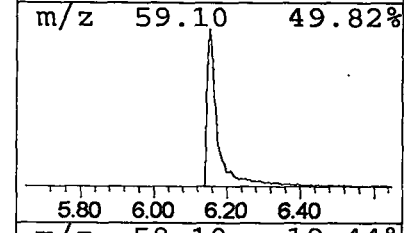
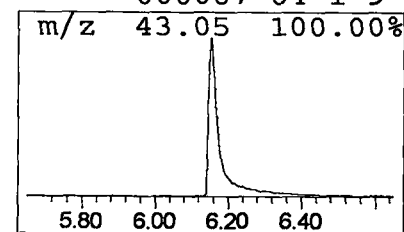
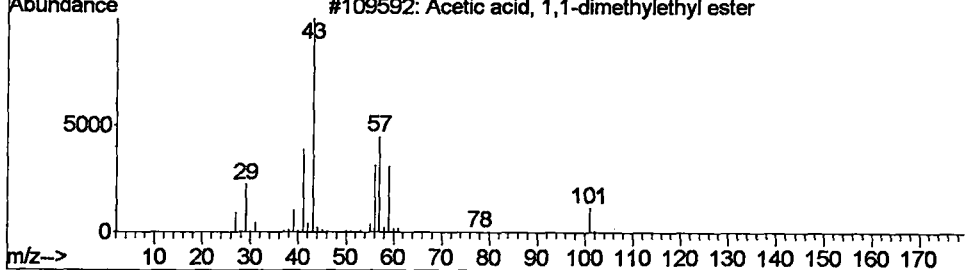
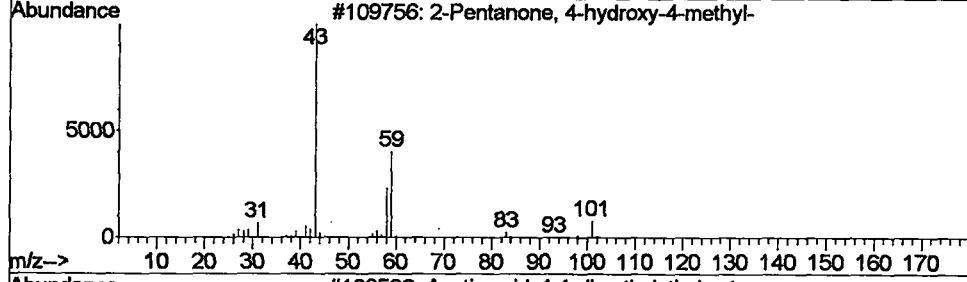
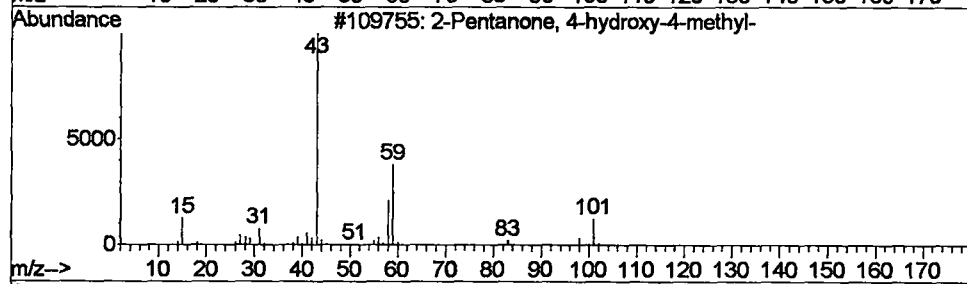
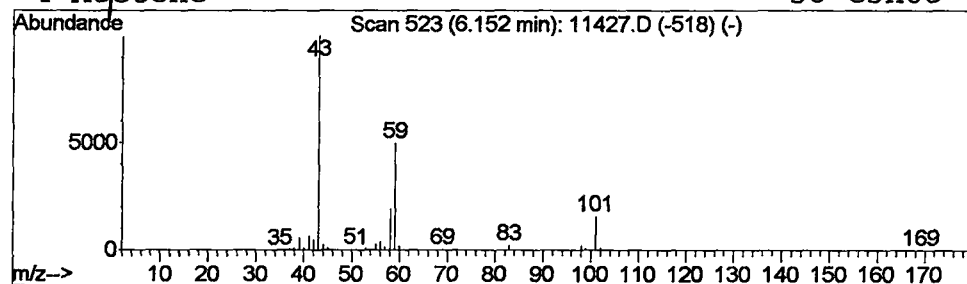
Vial: 13
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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	13.61 ug/l	998181	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	59	
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42	
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25	
4	Acetone	58	C3H6O	000067-64-1	9	



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020521\11427.D

Acq On : 21 May 2002 8:13 pm

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 13

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

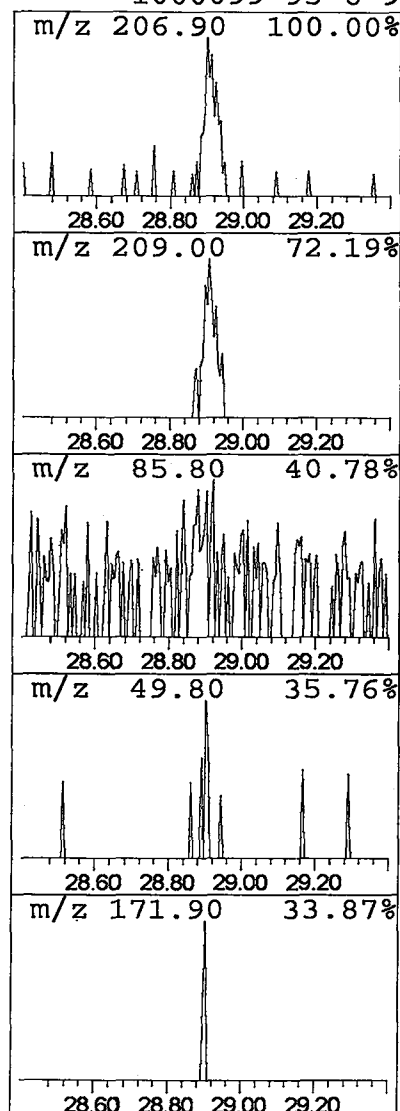
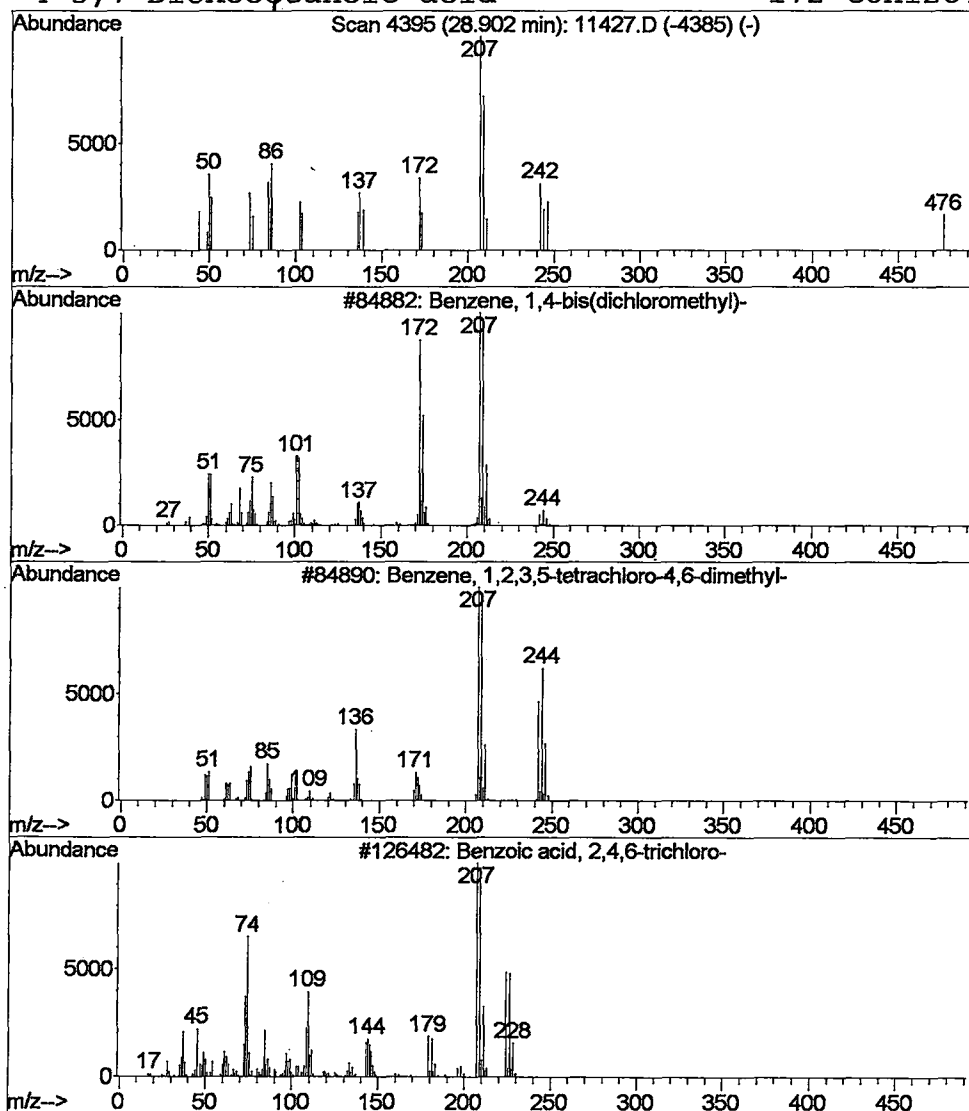
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.1

Peak Number 2 Benzene, 1,4-bis(dichlorome... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.90	0.21 ug/l	21719	Phenanthrene-d10	31.71

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,4-bis(dichloromethyl)-	242	C8H6Cl4	007398-82-5	28
2		Benzene, 1,2,3,5-tetrachloro-4,6...	242	C8H6Cl4	000877-09-8	16
3		Benzoic acid, 2,4,6-trichloro-	224	C7H3Cl3O2	000050-43-1	12
4		5,7-Dioxooctanoic acid	172	C8H12O4	1000099-93-6	9



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020521\11427.D
 Acq On : 21 May 2002 8:13 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

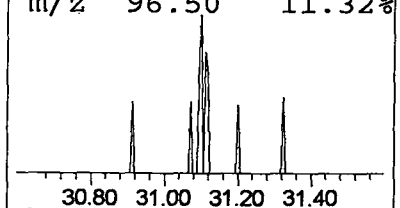
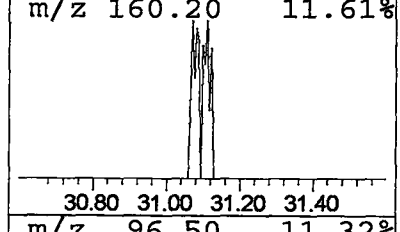
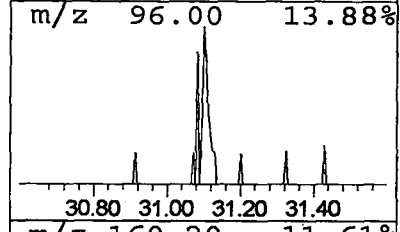
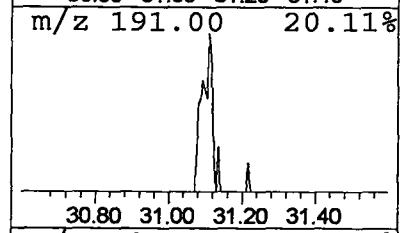
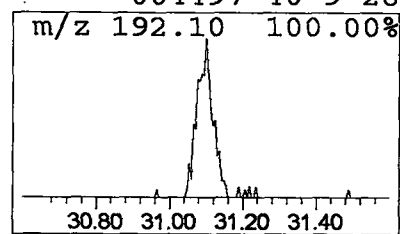
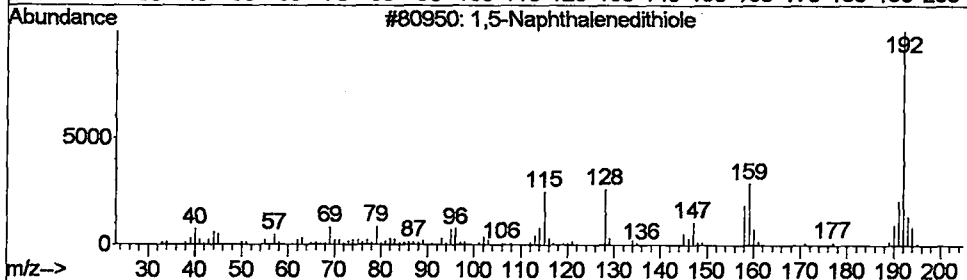
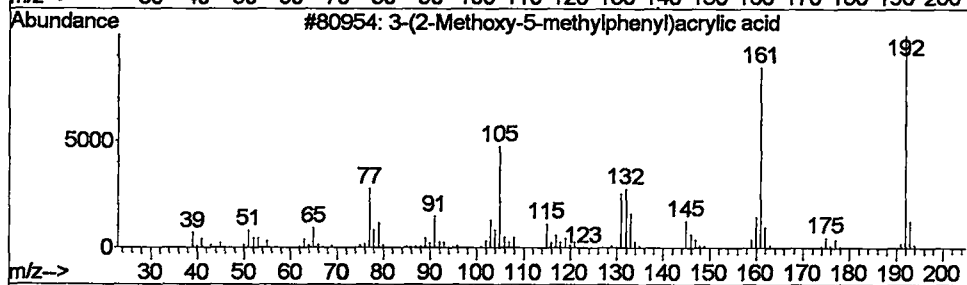
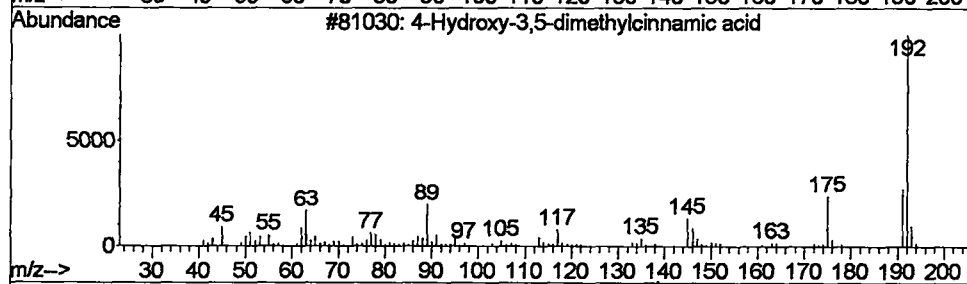
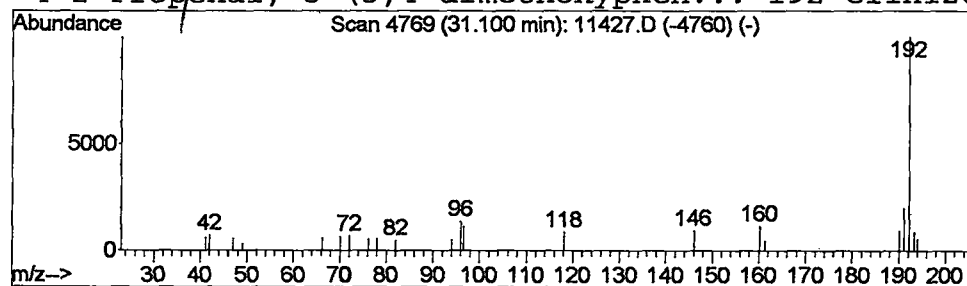
Vial: 13
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 3 4-Hydroxy-3,5-dimethylcinna... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.10	0.30 ug/l	30706	Phenanthrene-d10	31.71

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-Hydroxy-3,5-dimethylcinnamic acid	192	C11H12O3	1000132-15-8	42
2		3-(2-Methoxy-5-methylphenyl)acry...	192	C11H12O3	103986-76-1	38
3		1,5-Naphthalenedithiole	192	C10H8S2	1000223-69-5	36
4		2-Propenal, 3-(3,4-dimethoxyphen...	192	C11H12O3	004497-40-9	28



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020521\11427.D
 Acq On : 21 May 2002 8:13 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

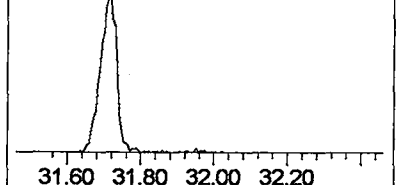
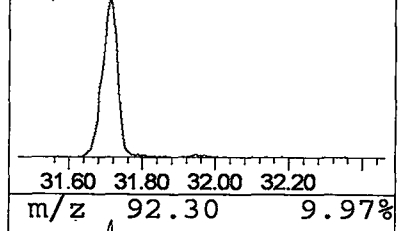
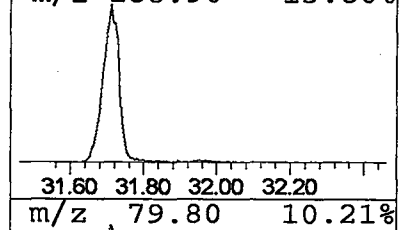
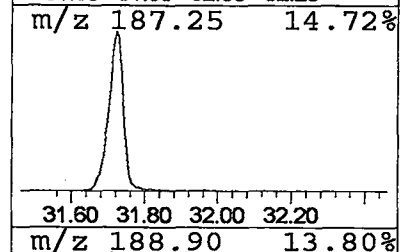
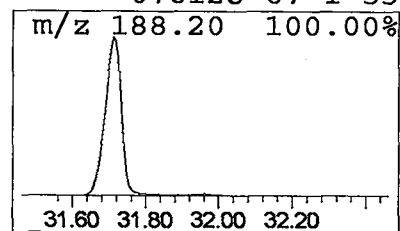
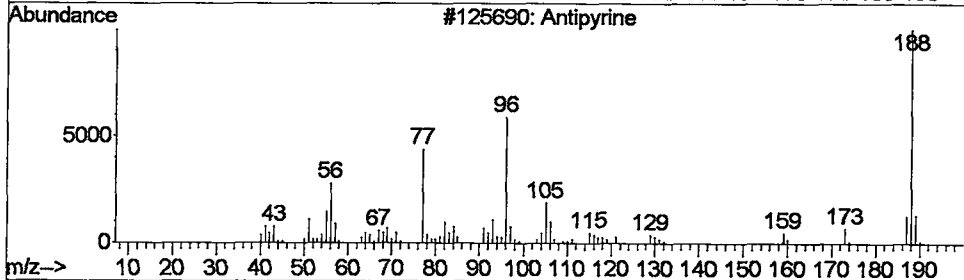
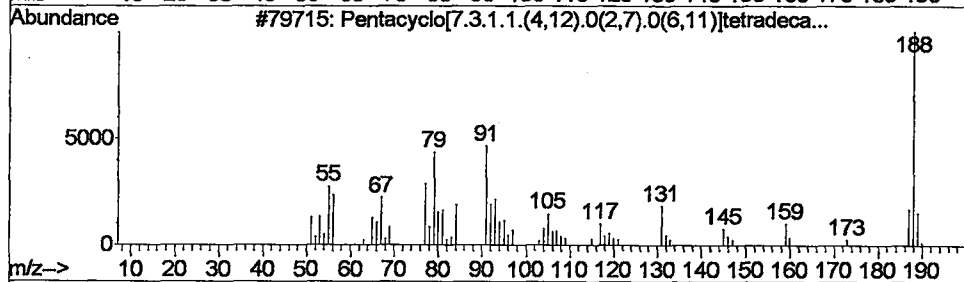
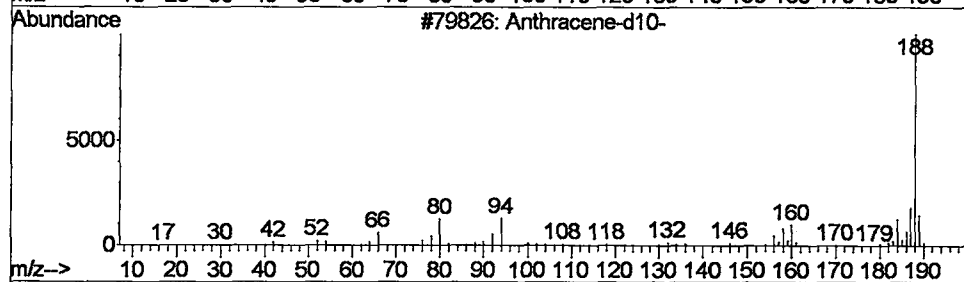
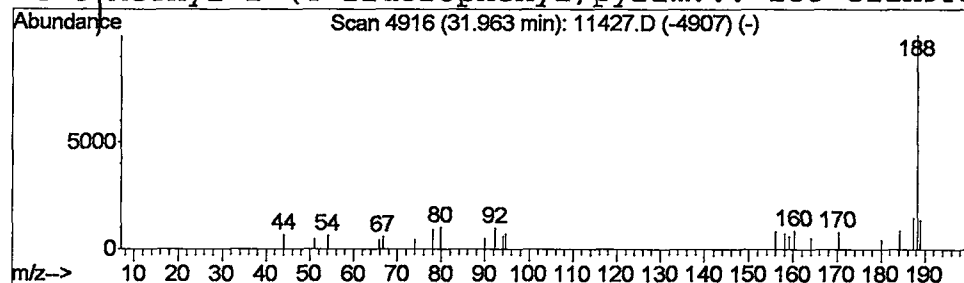
Vial: 13
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.29 ug/l	29513	Phenanthrene-d10	31.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
✓ 1			Anthracene-d10-	188	C14D10	001719-06-8	87
2			Pentacyclo[7.3.1.1.(4,12).0(2,7)...]	188	C14H20	1000215-61-8	58
3			Antipyrine	188	C11H12N2O	000060-80-0	53
4			4-Methyl-2-(4-fluorophenyl)pyrim...	188	C11H9FN2	076128-67-1	53



tentatively identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 21 May 2002 8:13 pm
Data File: C:\MSDCHEM\1\DATA\020521\11427.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	13.6	ug/l	998181	1	11.38	2934530	40.0
Benzene, 1,4-bis(...	28.90	0.2	ug/l	21719	4	31.71	4050750	40.0
4-Hydroxy-3,5-dim...	31.10	0.3	ug/l	30706	4	31.71	4050750	40.0
Anthracene-d10-	31.96	0.3	ug/l	29513	4	31.71	4050750	40.0