

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 05/29/2002 Time: 14:11:06

Sample: AE11481
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 5/29/02 14:10 Ended: 5/29/02 14:10 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 AE11481 - Analysis \$GCMS

Vestchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-29-2002 Time: 14:11:30

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

Data File : C:\MSDCHEM\1\DATA\020521\11481.D

Vial: 15

Acq On : 21 May 2002 10:11 pm

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: rteint.e

Quant Time: May 24 09:35:51 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	422580	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1603088	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	866580	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1465103	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	1134087	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	637658	40.00	ug/l	-0.03

System Monitoring Compounds

27) TCMX	27.56	207	236990	34.10	ug/l	-0.04
Spiked Amount	40.000		Recovery	=	85.25%	

Target Compounds

Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed
11481.D SCAN020521.M Fri May 24 09:37:10 2002 Page 1

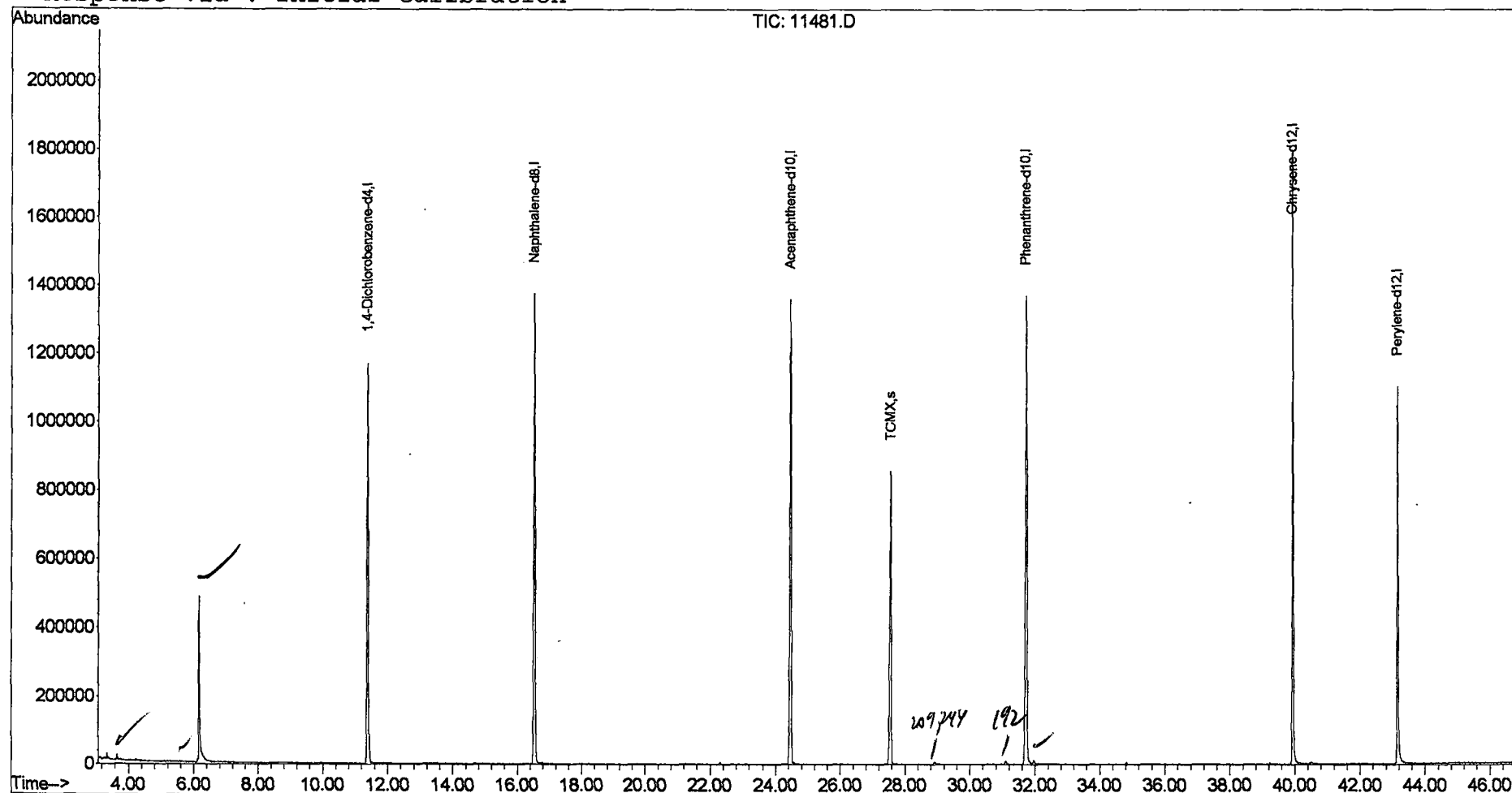
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020521\11481.D
 Acq On : 21 May 2002 10:11 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e
 Quant Time: May 24 9:37 2002

Vial: 15
 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\11481.D
 Acq On : 21 May 2002 10:11 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

Vial: 15
 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

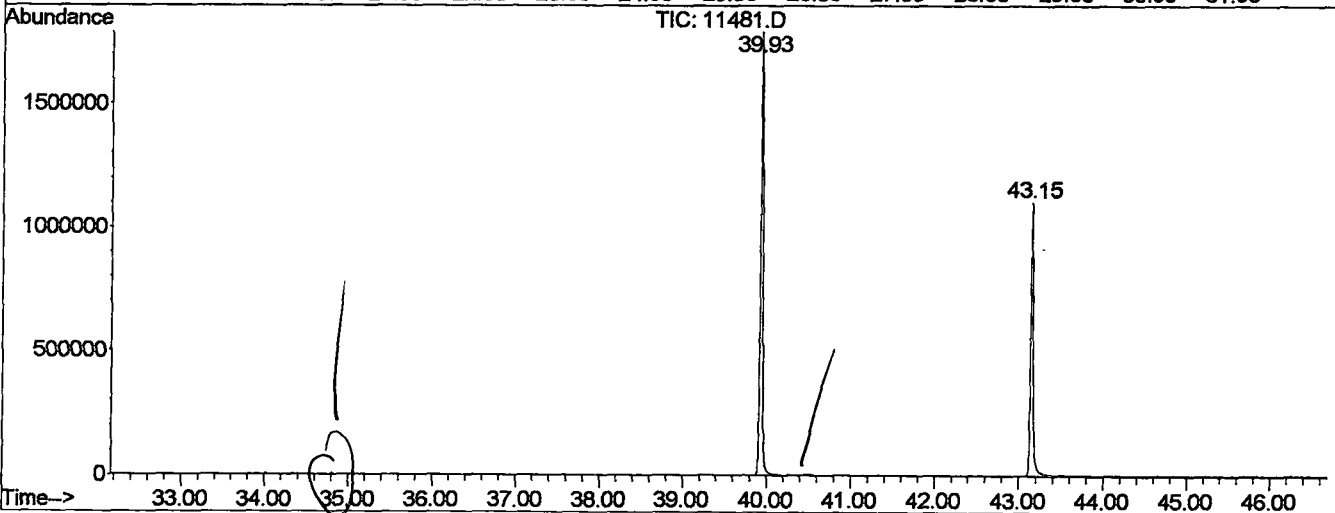
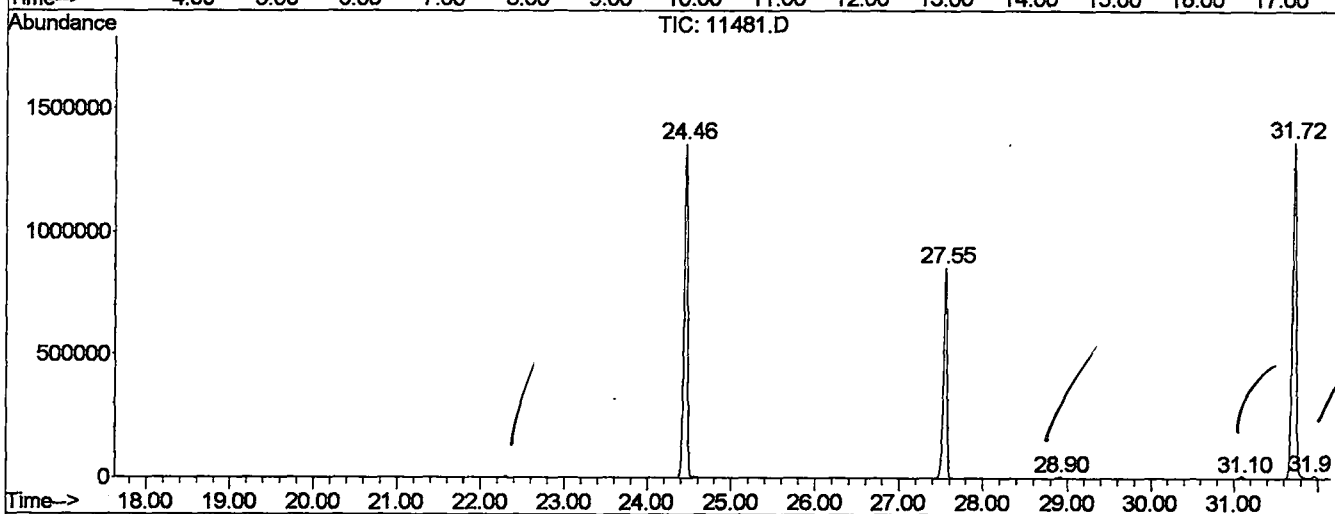
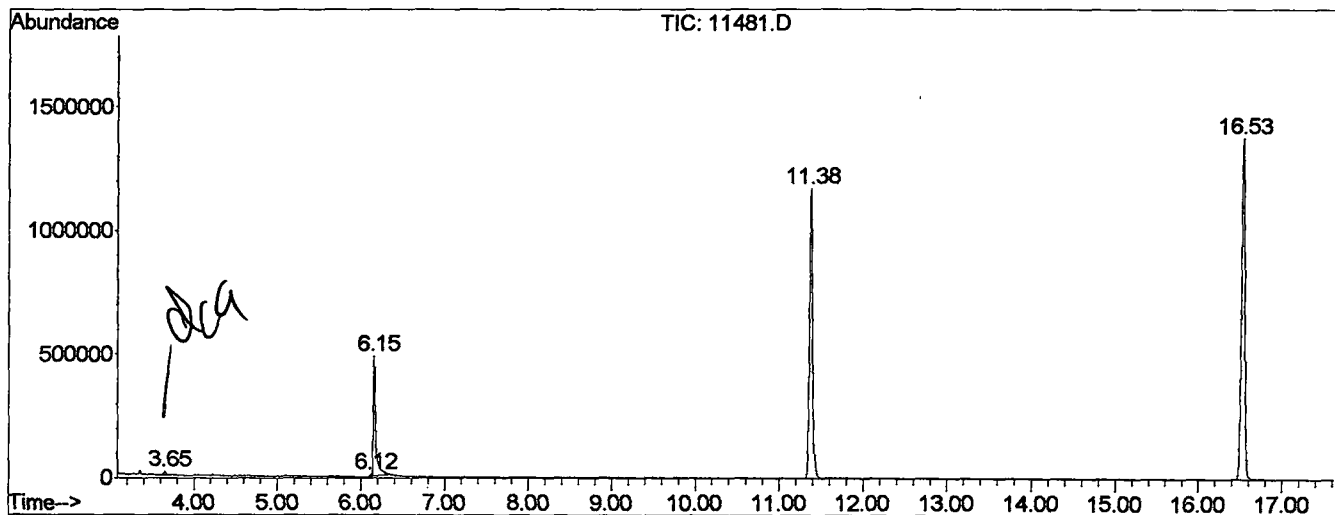
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.649	93	97	107	rVB3	14396	21964	0.53%	0.091%
2	6.123	511	518	520	rBV3	12932	21765	0.52%	0.091%
3	6.152	520	523	554	rVB	483039	944605	22.66%	3.931%
4	11.375	1401	1412	1432	rBV	1168804	2974688	71.37%	12.381%
5	16.534	2275	2290	2313	rBV	1373821	3724507	89.36%	15.501%
6	24.460	3622	3639	3654	rBV2	1359040	3900929	93.60%	16.236%
7	27.551	4146	4165	4177	rBV2	856093	2449537	58.77%	10.195%
8	28.902	4384	4395	4406	rBV9	8482	26379	0.63%	0.110%
9	31.100	4758	4769	4780	rVB4	8793	27875	0.67%	0.116%
10	31.717	4855	4874	4901	rBV2	1370133	4167777	100.00%	17.346%
11	31.952	4906	4914	4928	rVB4	11726	38828	0.93%	0.162%
12	39.931	6260	6272	6297	rBV2	1788539	3467494	83.20%	14.432%
13	43.151	6808	6820	6849	rBV	1101797	2260529	54.24%	9.408%

Sum of corrected areas: 24026877

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020521\11481.D
 Operator : Nefliu
 Acquired : 21 May 2002 10:11 pm using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 15
 Quant File :SCAN020521.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020521\11481.D
 Acq On : 21 May 2002 10:11 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

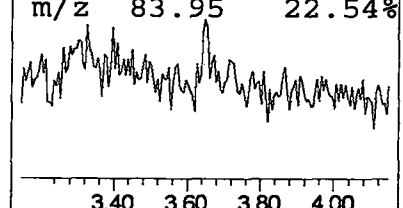
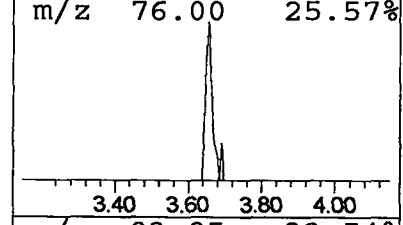
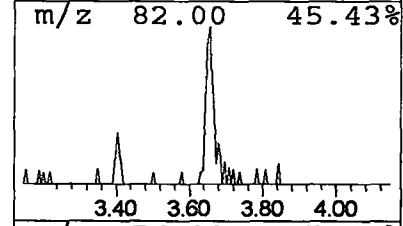
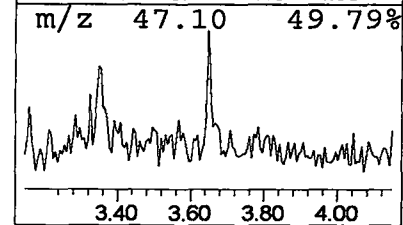
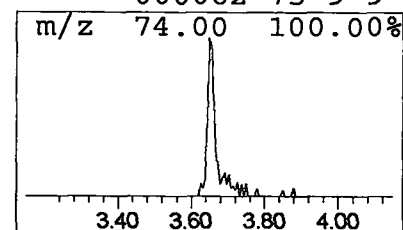
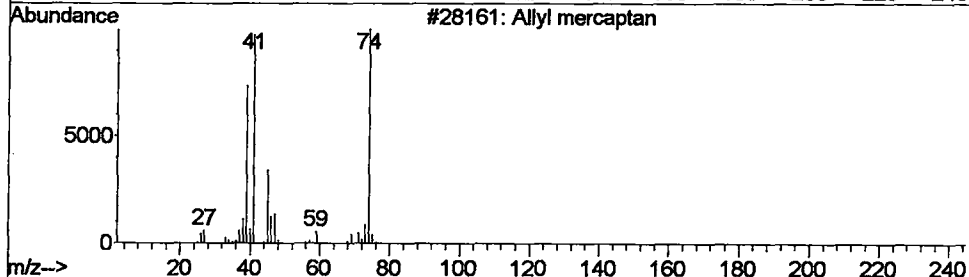
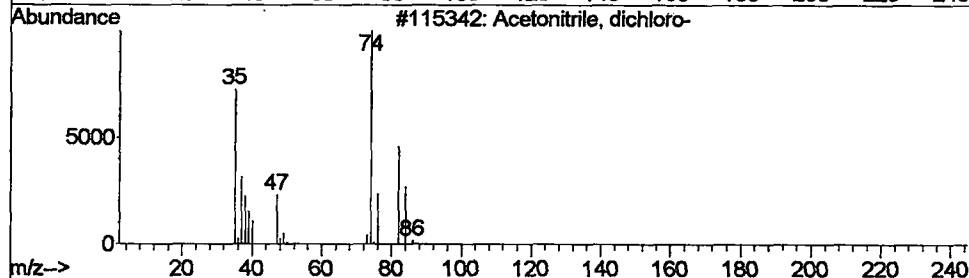
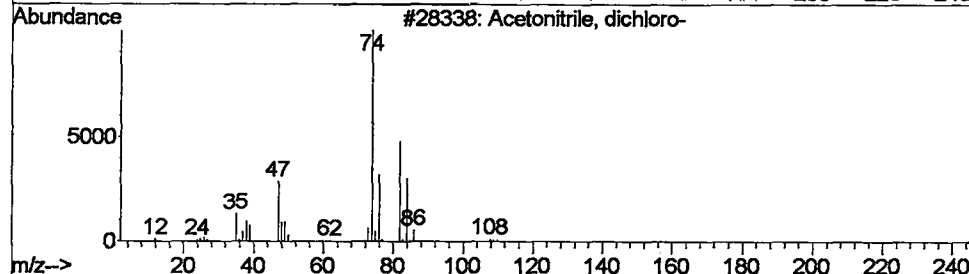
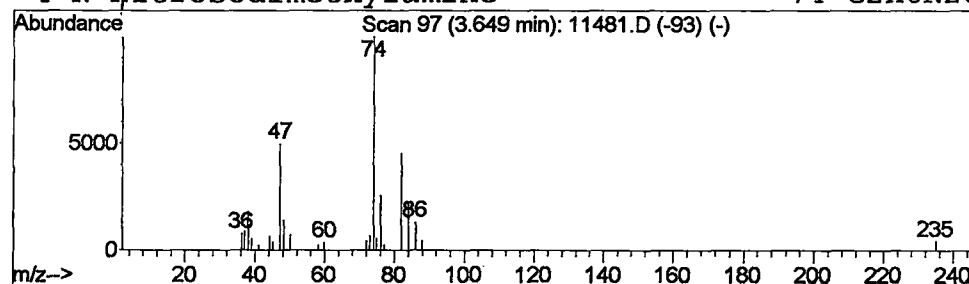
Vial: 15
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 1 Acetonitrile, dichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.65	0.30 ug/l	21964	1,4-Dichlorobenzene-d4	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	72
2		Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	59
3		Allyl mercaptan	74	C3H6S	000870-23-5	12
4		N-Nitrosodimethylamine	74	C2H6N2O	000062-75-9	9



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020521\11481.D
 Acq On : 21 May 2002 10:11 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

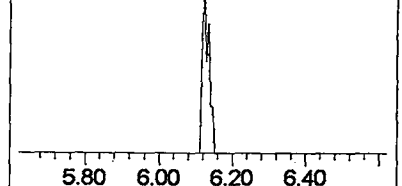
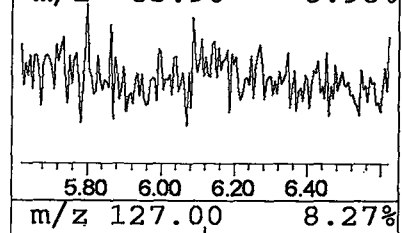
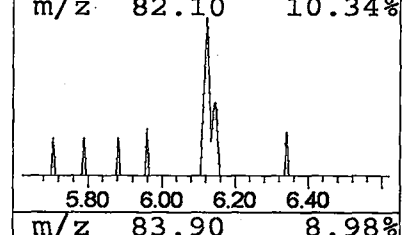
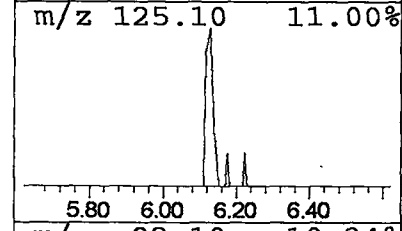
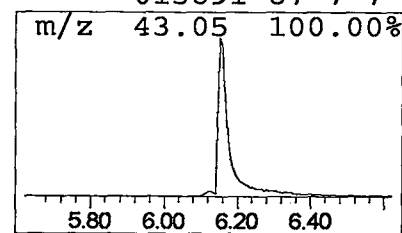
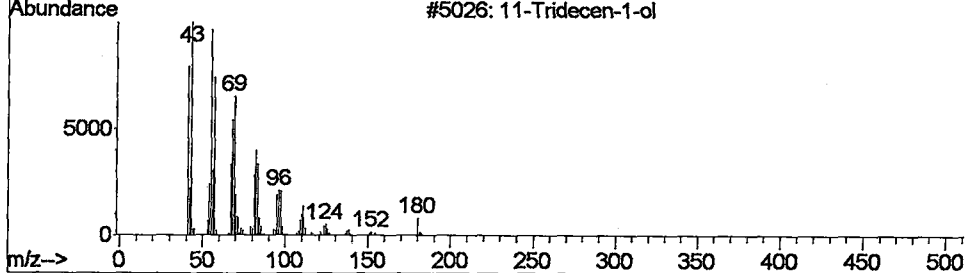
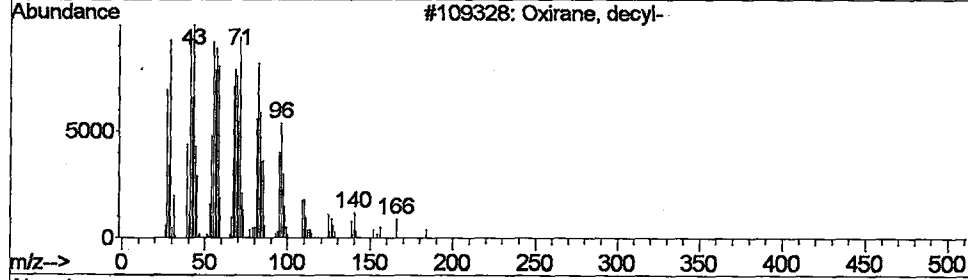
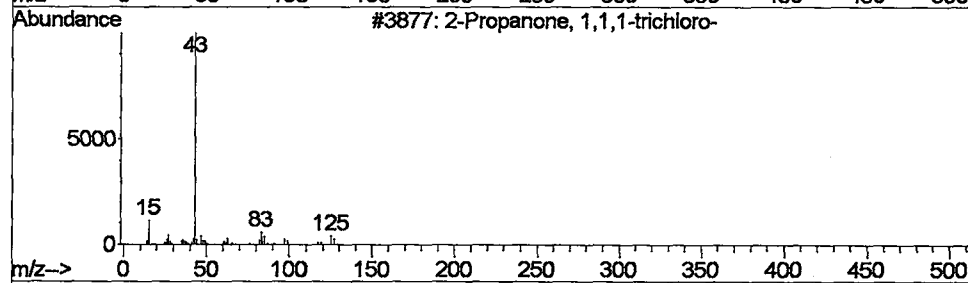
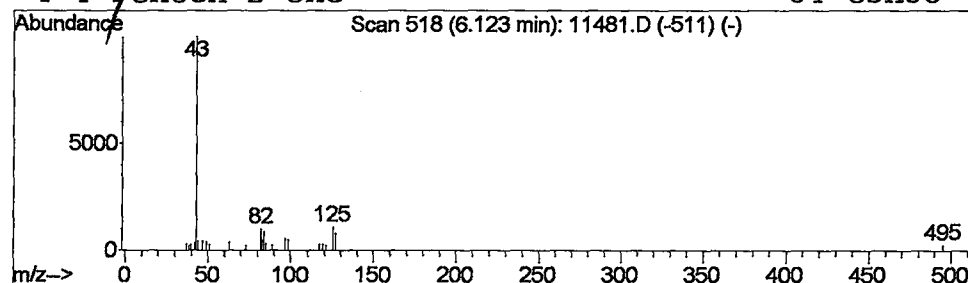
Vial: 15
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	0.29 ug/l	21765	1,4-Dichlorobenzene-d4	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	64
2		Oxirane, decyl-	184	C12H24O	002855-19-8	9
3		11-Tridecen-1-ol	198	C13H26O	1000130-96-8	9
4		4-Penten-2-one	84	C5H8O	013891-87-7	7



Library Search Compound Report

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 Acq On : 21 May 2002 10:11 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

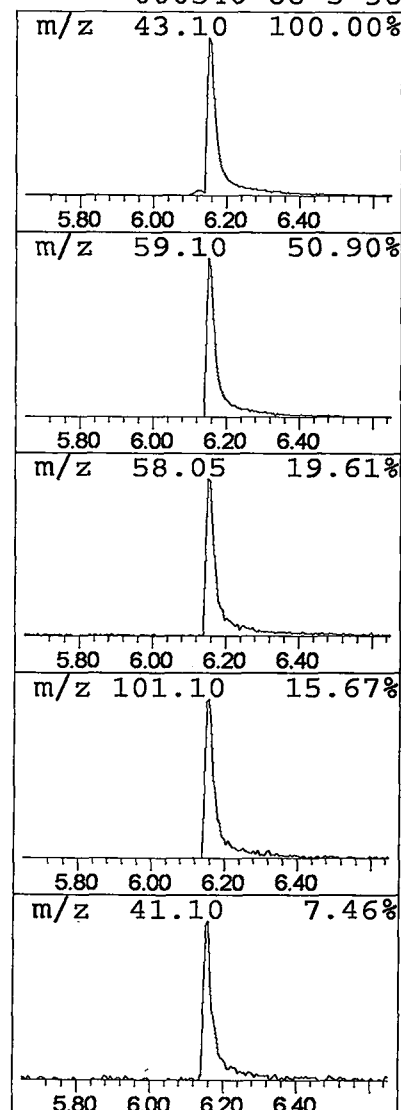
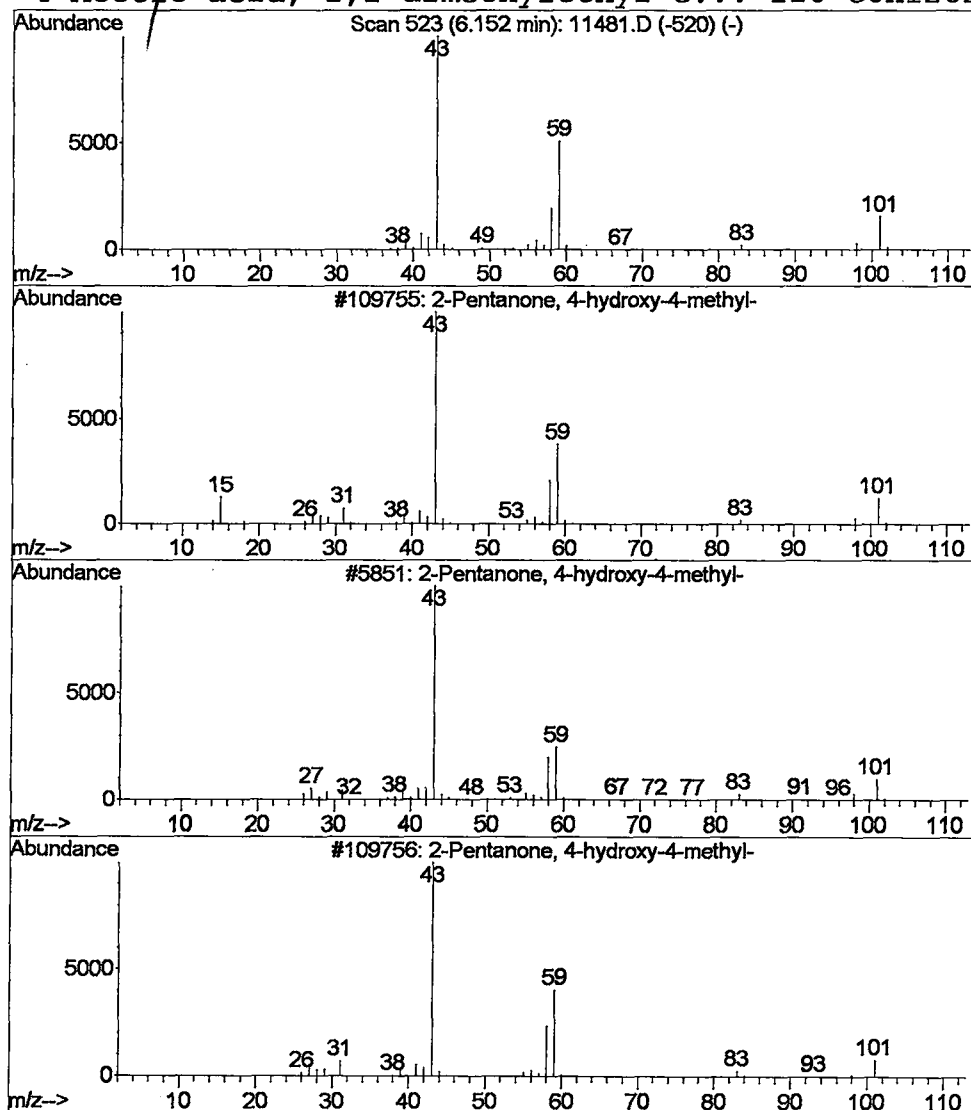
Vial: 15
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	12.70 ug/l	944605	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	83
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
3		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
4		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020521\11481.D
 Acq On : 21 May 2002 10:11 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

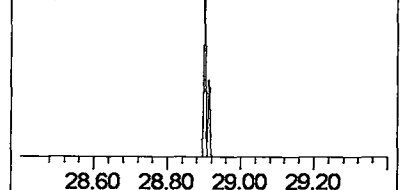
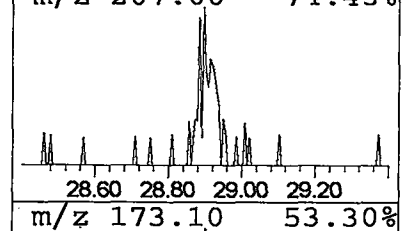
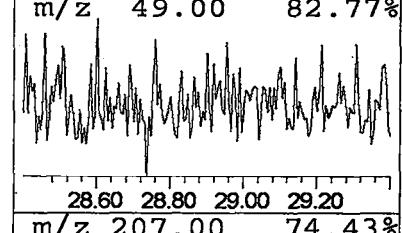
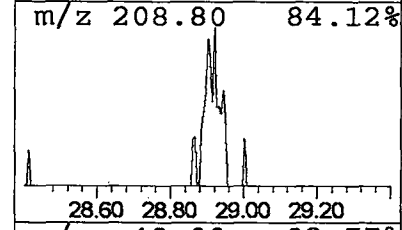
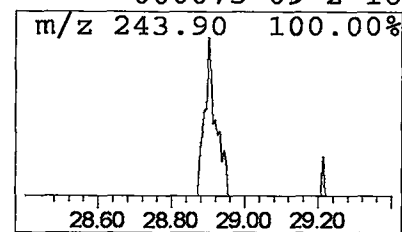
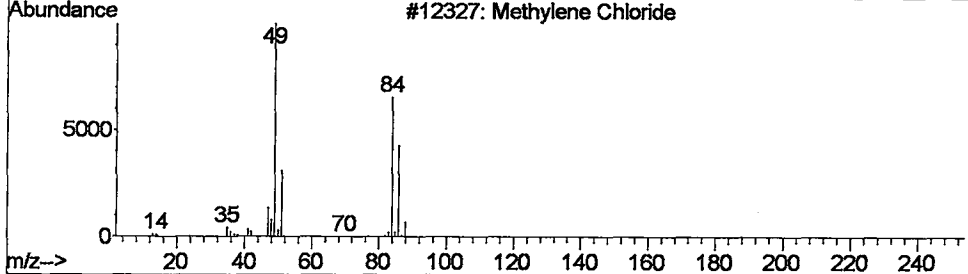
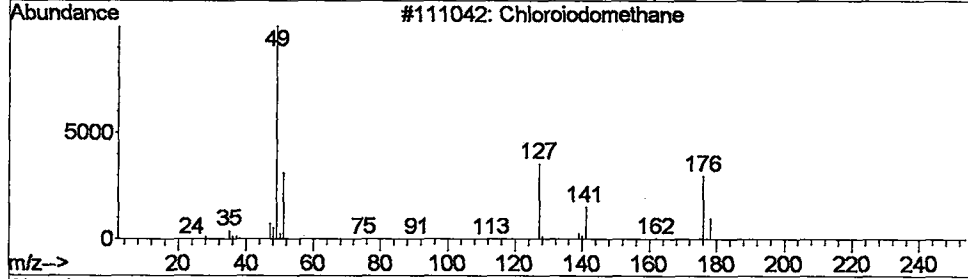
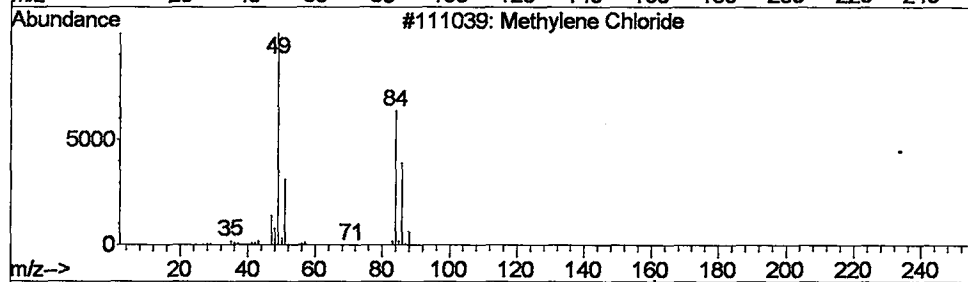
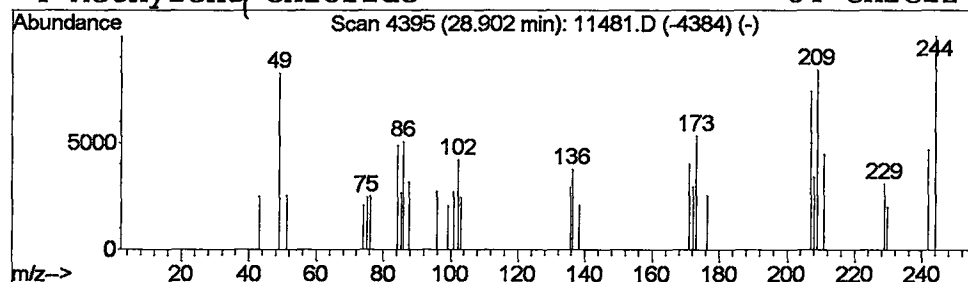
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 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 4 Methylene Chloride Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.90	0.25 ug/l	26379	Phenanthrene-d10	31.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methylene Chloride	84	CH2Cl2	000075-09-2	27
2		Chloriodomethane	176	CH2ClI	000593-71-5	16
3		Methylene Chloride	84	CH2Cl2	000075-09-2	16
4		Methylene Chloride	84	CH2Cl2	000075-09-2	16



Data File : C:\MSDCHEM\1\DATA\020521\11481.D
 Acq On : 21 May 2002 10:11 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

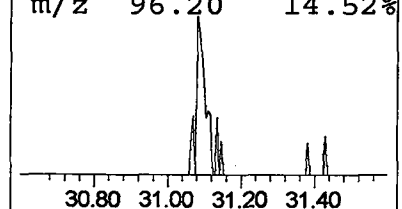
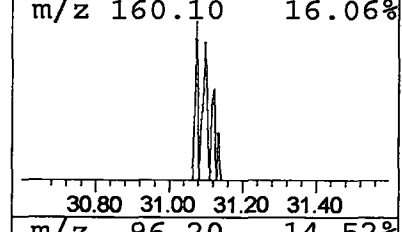
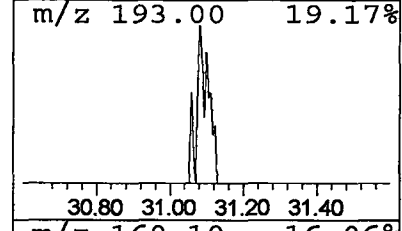
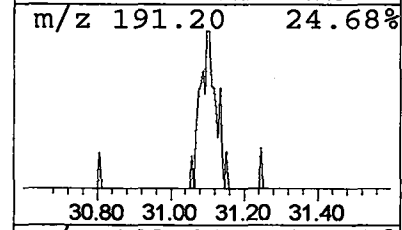
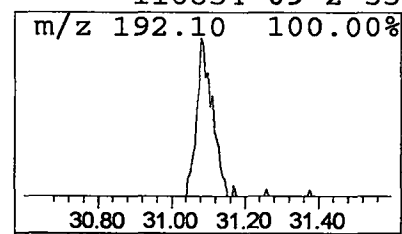
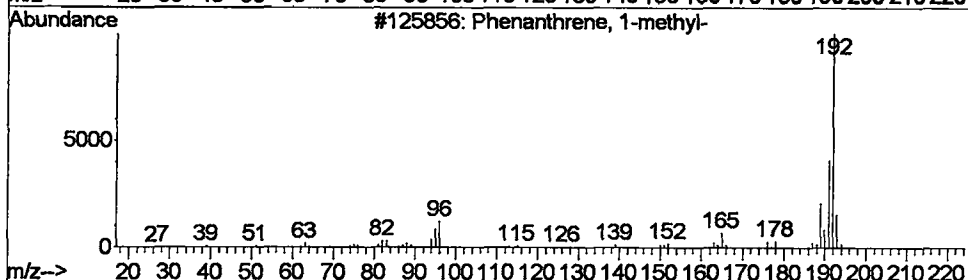
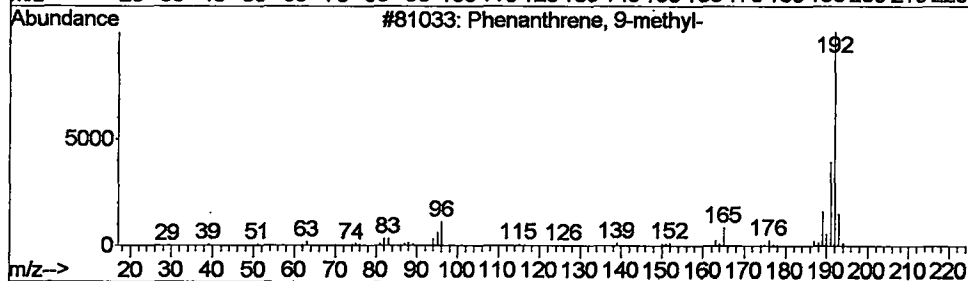
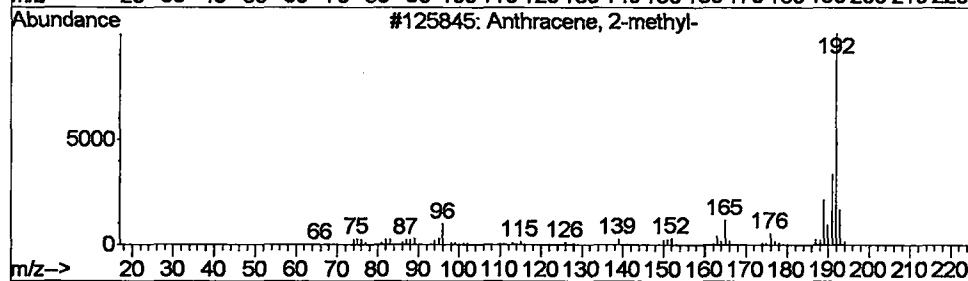
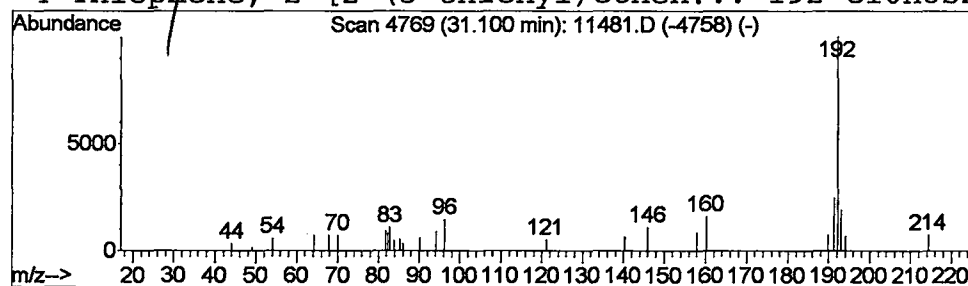
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 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 5 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.10	0.27 ug/l	27875	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
2		Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	53
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	53
4		Thiophene, 2-[2-(3-thienyl)ethen...	192	C10H8S2	116854-09-2	53



Library Search Compound Report

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 Sample : sample
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 MS Integration Params: rteint.e

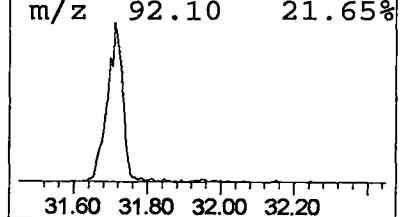
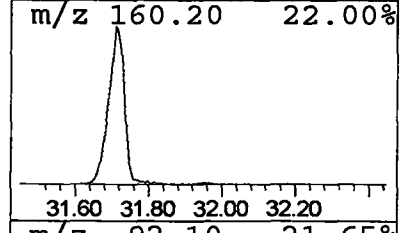
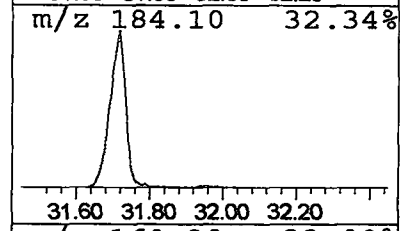
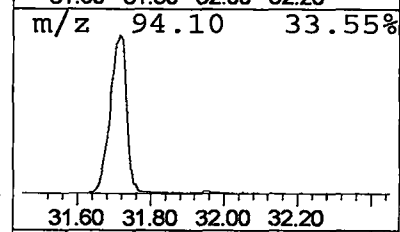
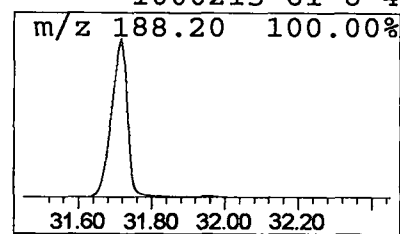
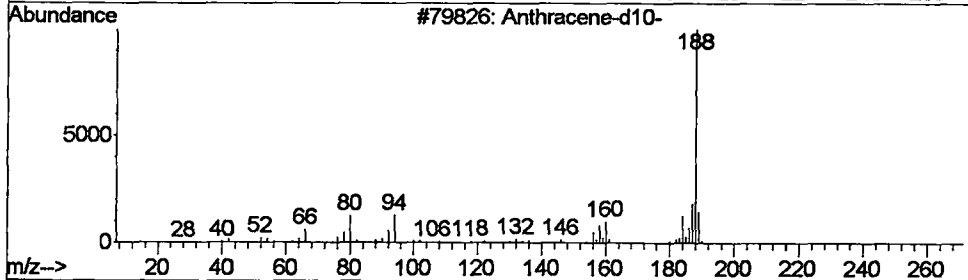
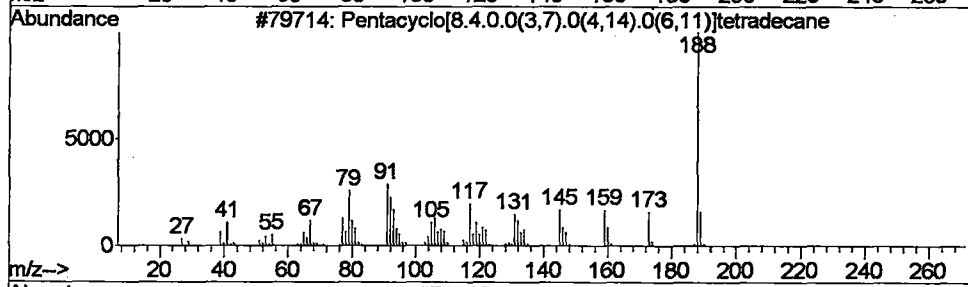
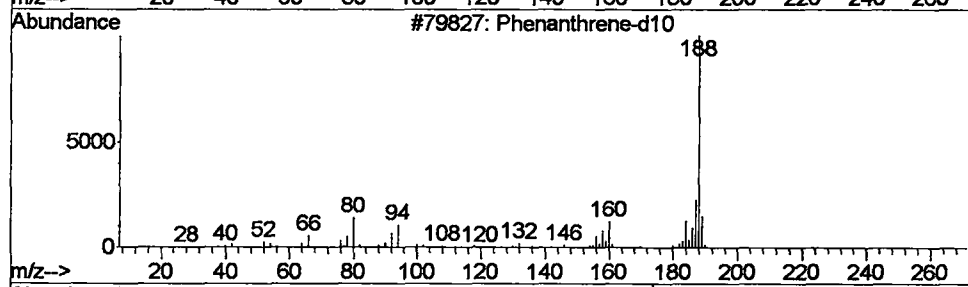
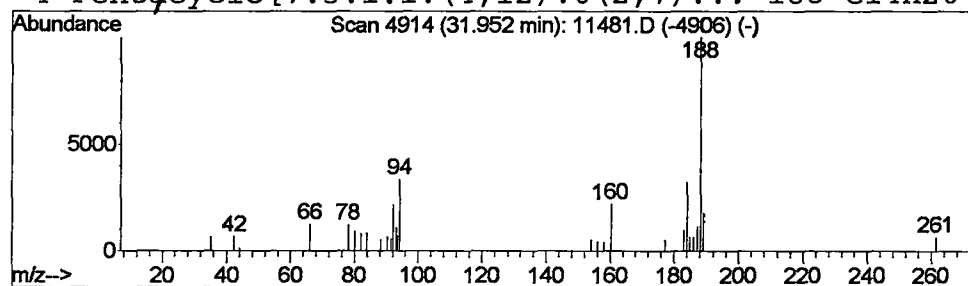
Vial: 15
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 6 Phenanthrene-d10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.95	0.37 ug/l	38828	Phenanthrene-d10	31.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene-d10	188	C14D10	001517-22-2	45
2		Pentacyclo[8.4.0.0(3,7).0(4,14)....	188	C14H20	1000099-27-2	43
3		Anthracene-d10-	188	C14D10	001719-06-8	40
4		Pentacyclo[7.3.1.1.(4,12).0(2,7)...	188	C14H20	1000215-61-8	40



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 21 May 2002 10:11 pm
Data File: C:\MSDCHEM\1\DATA\020521\11481.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
✓ Acetonitrile, dic...	3.65	0.3	ug/l	21964	1	11.38	2974690	40.0
✓ 2-Propanone, 1,1,...	6.12	0.3	ug/l	21765	1	11.38	2974690	40.0
✓ 2-Pentanone, 4-hy...	6.15	12.7	ug/l	944605	1	11.38	2974690	40.0
Methylene Chloride	28.90	0.3	ug/l	26379	4	31.72	4167780	40.0
Anthracene, 2-met...	31.10	0.3	ug/l	27875	4	31.72	4167780	40.0
Phenanthrene-d10	31.95	0.4	ug/l	38828	4	31.72	4167780	40.0
Anthracene-d10								