

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 05/29/2002 Time: 15:13:38

Sample: AE11569
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 5/29/02 15:13 Ended: 5/29/02 15:13 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 AE11569 - Analysis \$GCMS

Nestchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-29-2002 Time: 15:14:02

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\11569.D
 Acq On : 22 May 2002 5:06 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e
 Quant Time: May 24 09:42:47 2002

Vial: 22
 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	442418	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1658400	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	887177	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1497155	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	1103748	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	649138	40.00	ug/l	-0.03

System Monitoring Compounds

27) TCMX	27.55	207	244484	34.36	ug/l	-0.04
Spiked Amount	40.000		Recovery	=	85.90%	

Target Compounds

Qvalue

 (#) = qualifier out of range (m) = manual integration (+) = signals summed
 11569.D SCAN020521.M Fri May 24 09:43:48 2002 Page 1

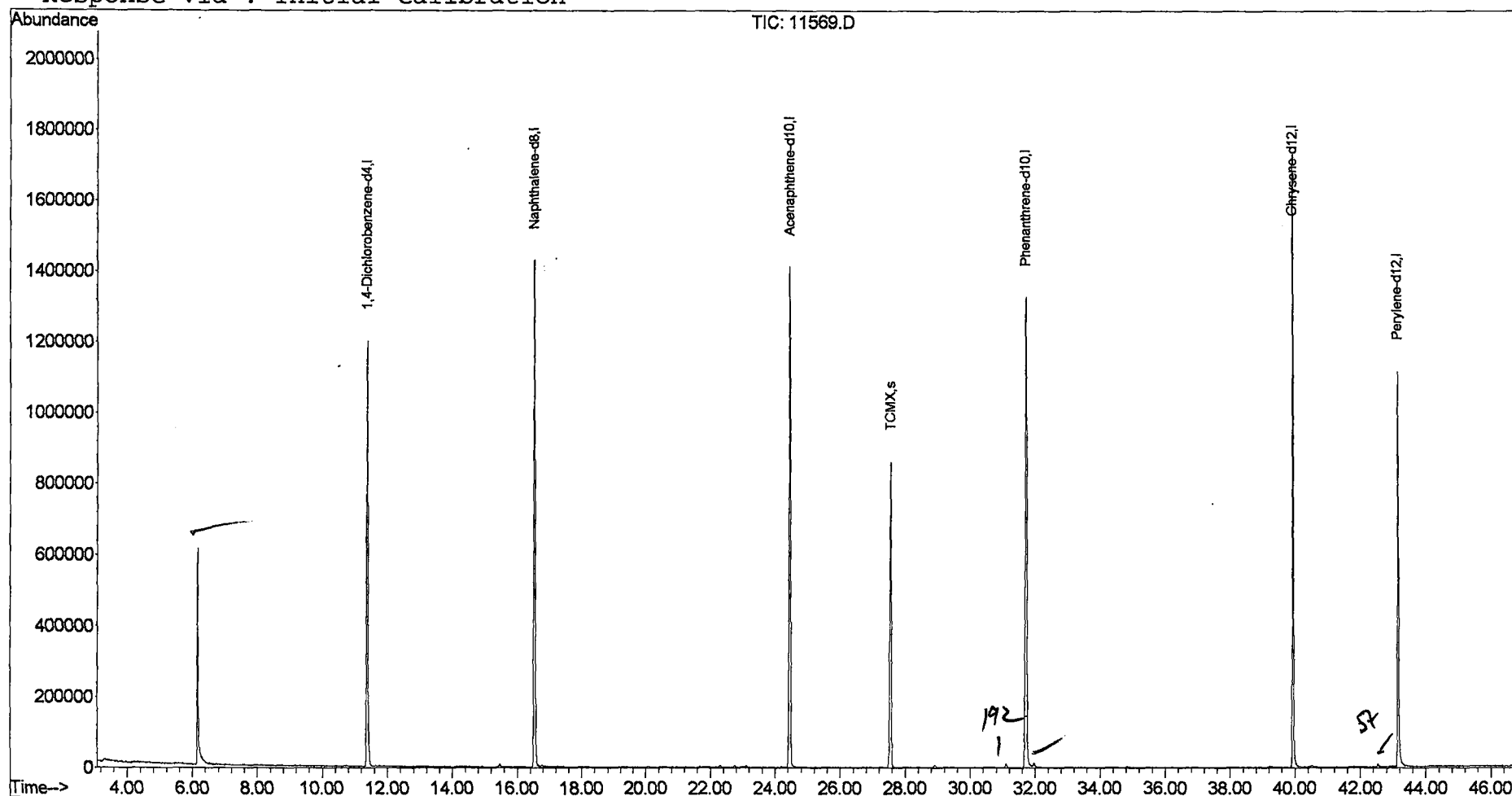
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020521\11569.D
 Acq On : 22 May 2002 5:06 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e
 Quant Time: May 24 9:43 2002

Vial: 22
 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\11569.D
 Acq On : 22 May 2002 5:06 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

Vial: 22
 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

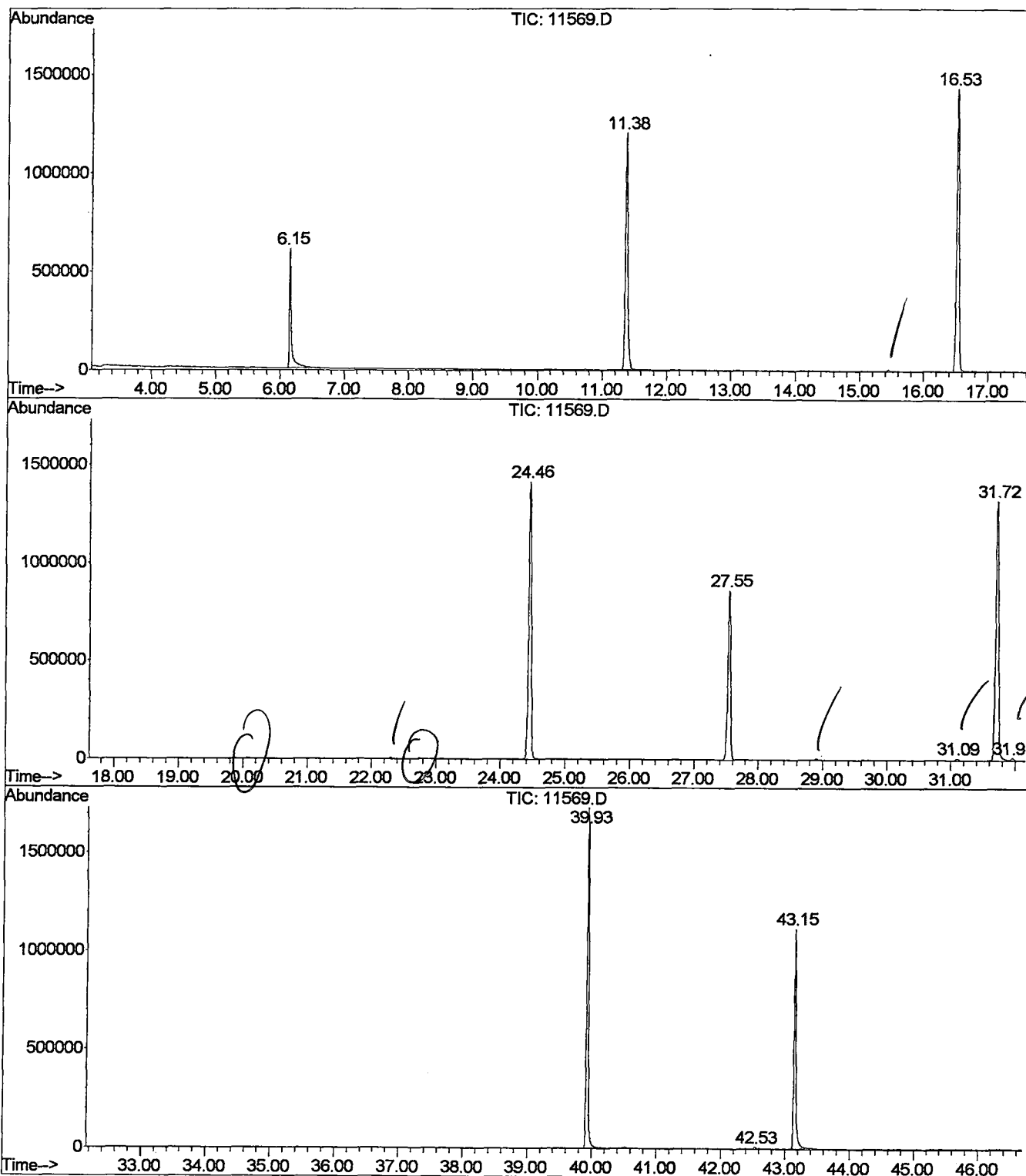
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.152	516	523	569	rBV	607734	1247862	29.49%	5.055%
2	11.376	1401	1412	1434	rBV	1200549	3067722	72.49%	12.428%
3	16.534	2274	2290	2317	rBV	1430915	3837316	90.68%	15.546%
4	24.461	3619	3639	3663	rBV	1414225	3996916	94.45%	16.192%
5	27.551	4145	4165	4177	rBV3	863963	2508959	59.29%	10.164%
6	31.094	4757	4768	4781	rVB4	10780	30754	0.73%	0.125%
7	31.717	4857	4874	4900	rBV3	1326805	4231765	100.00%	17.144%
8	31.952	4904	4914	4926	rVB5	11297	38360	0.91%	0.155%
9	39.931	6260	6272	6302	rBV2	1730303	3383907	79.96%	13.709%
10	42.528	6703	6714	6722	rBV5	10018	25059	0.59%	0.102%
11	43.151	6810	6820	6847	rBV	1115009	2315303	54.71%	9.380%

Sum of corrected areas: 24683923

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020521\11569.D
Operator : Nefliu
Acquired : 22 May 2002 5:06 am using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: sample
Misc Info :
Vial Number: 22
Quant File :SCAN020521.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020521\11569.D
 Acq On : 22 May 2002 5:06 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

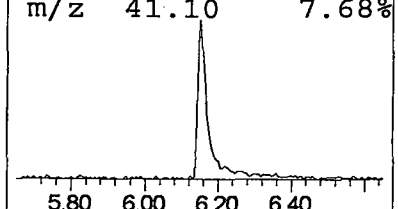
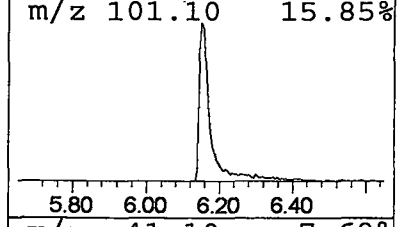
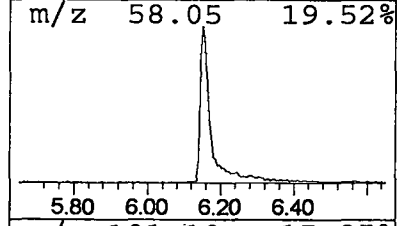
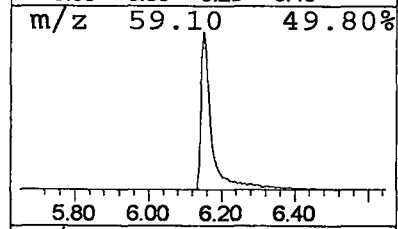
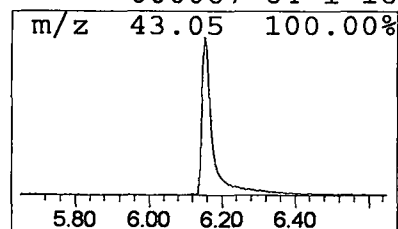
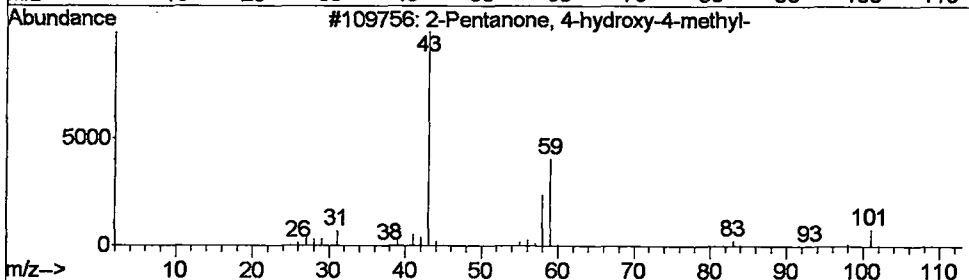
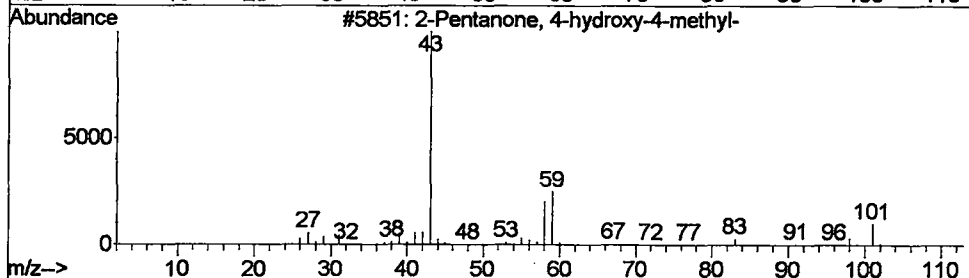
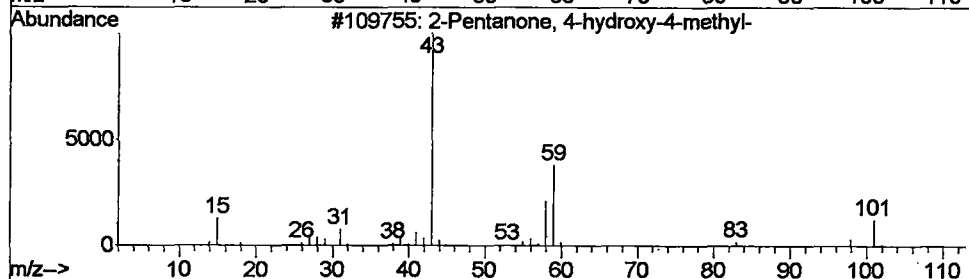
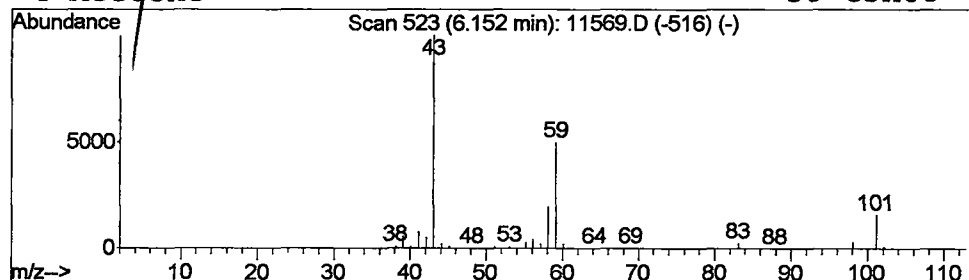
Vial: 22
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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	16.27 ug/l	1247860	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	53	
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42	
4	Acetone	58	C3H6O	000067-64-1	16	



Library Search Compound Report

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Sample : sample
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MS Integration Params: rteint.e

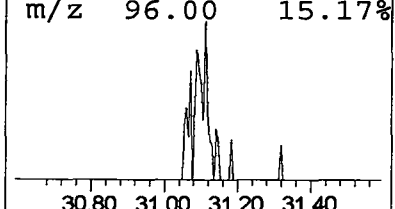
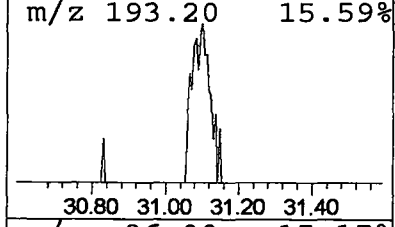
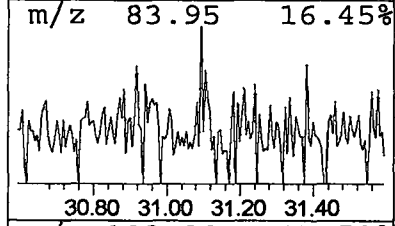
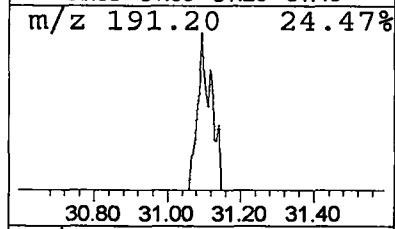
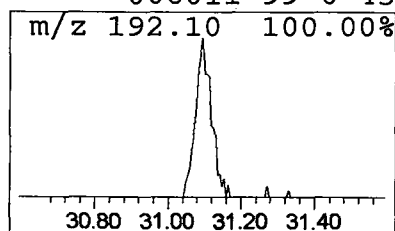
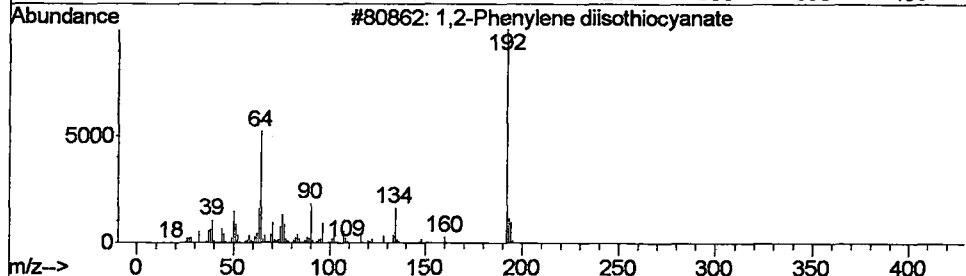
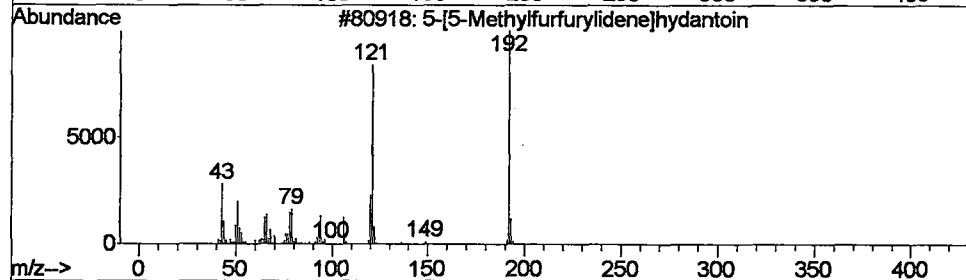
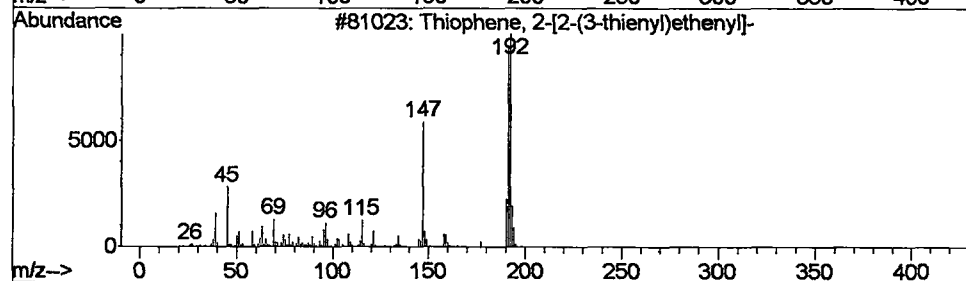
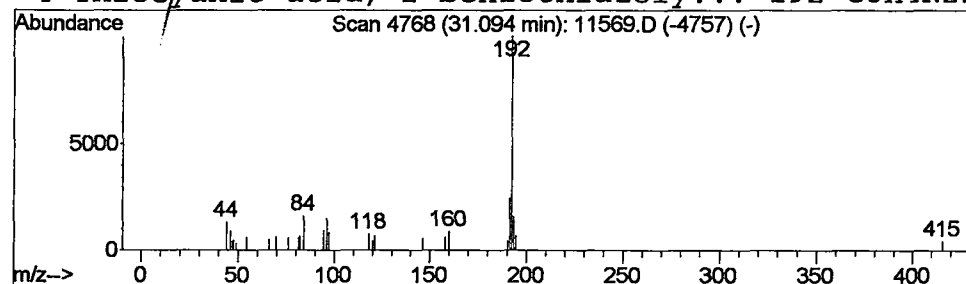
Vial: 22
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 2 Thiophene, 2-[2-(3-thienyl)... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.29 ug/l	30754	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Thiophene, 2-[2-(3-thienyl)ethen...	192	C10H8S2	116854-09-2	47
2		5-[5-Methylfurfurylidene]hydantoin	192	C9H8N2O3	1000214-69-2	47
3		1,2-Phenylene diisothiocyanate	192	C8H4N2S2	071105-17-4	47
4		Thiocyanic acid, 2-benzothiazoly...	192	C8H4N2S2	006011-99-0	43



Library Search Compound Report

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 Sample : sample
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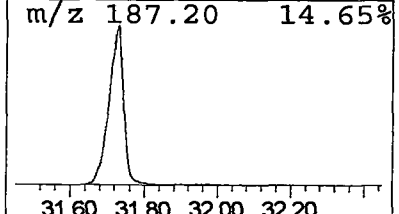
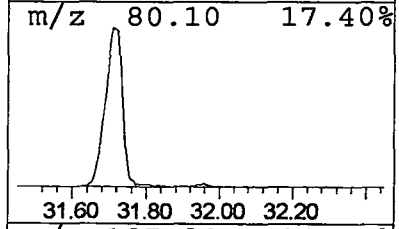
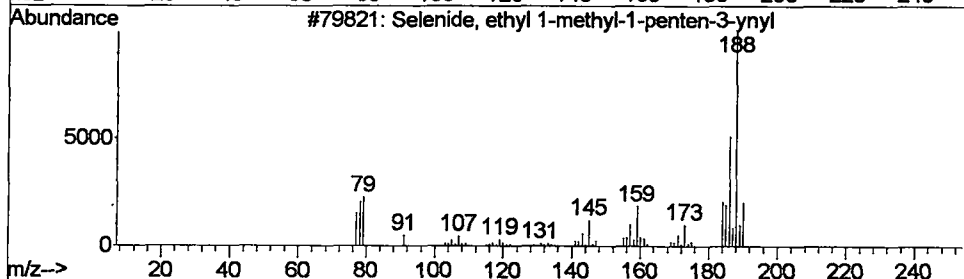
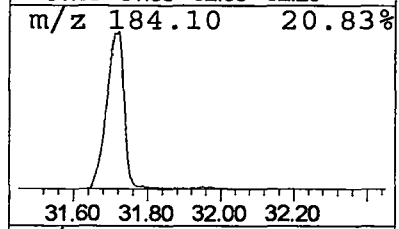
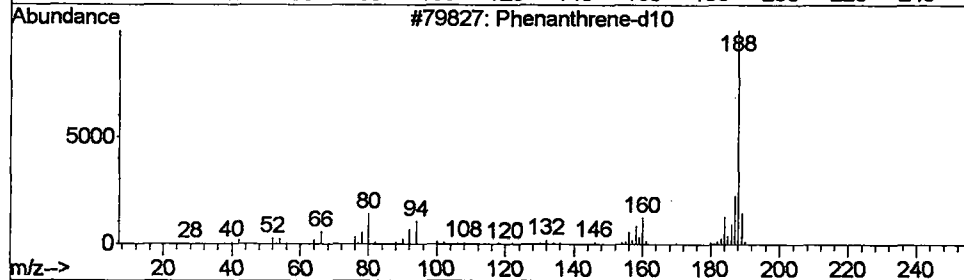
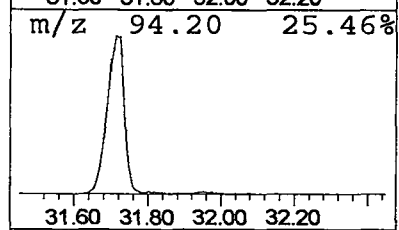
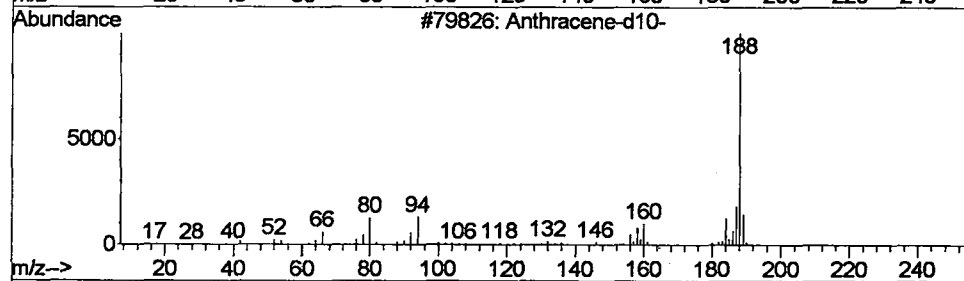
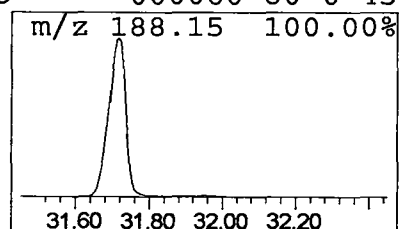
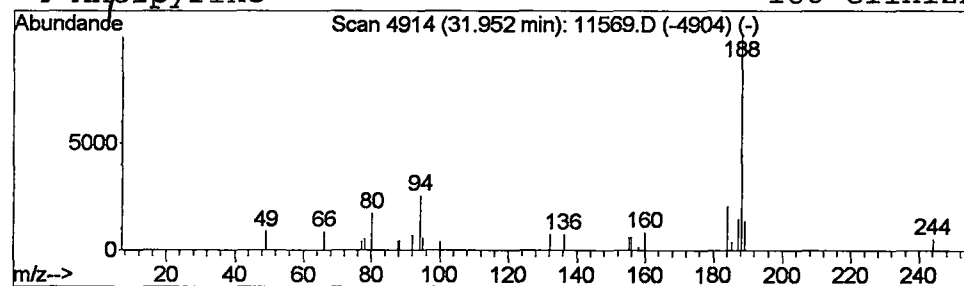
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 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 3 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.95	0.36 ug/l	38360	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	59	
3	Selenide, ethyl 1-methyl-1-pente...	188	C8H12Se	025128-48-7	53	
4	Antipyrine	188	C11H12N2O	000060-80-0	43	



Library Search Compound Report

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

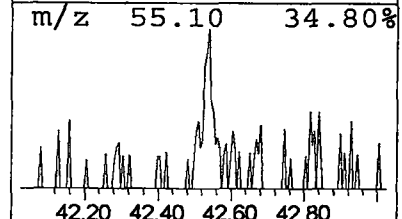
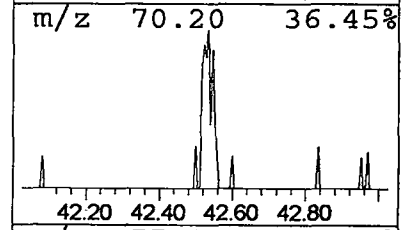
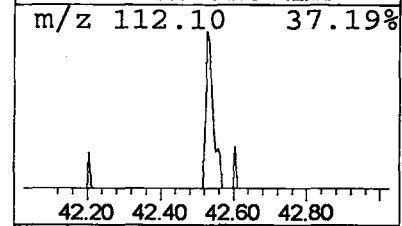
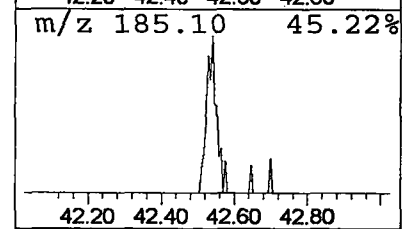
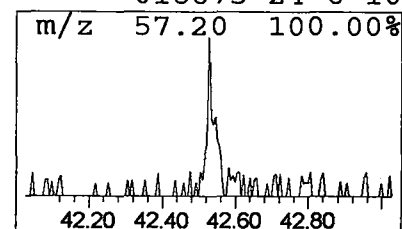
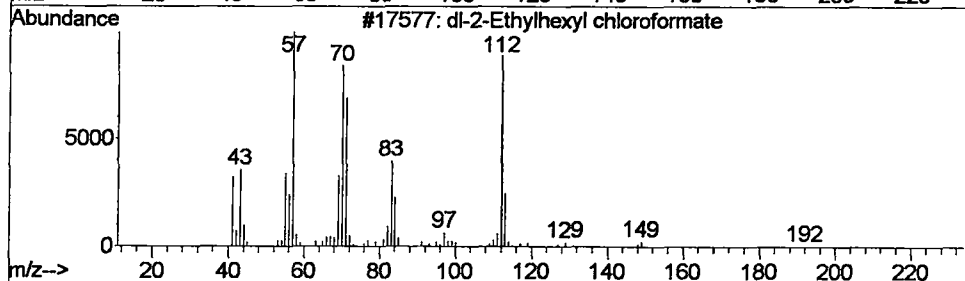
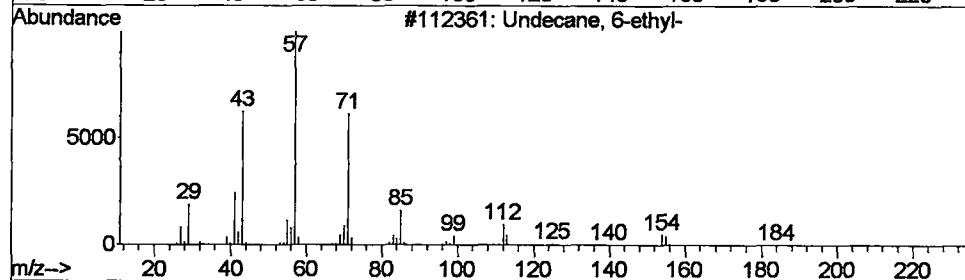
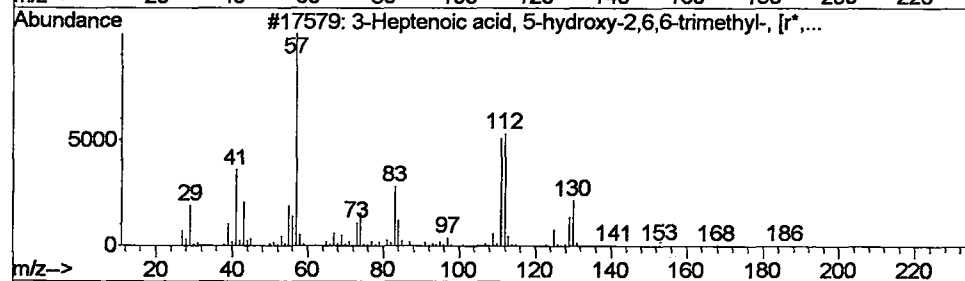
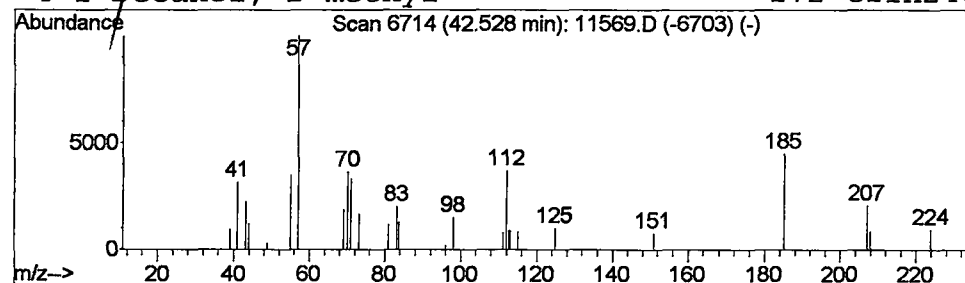
Vial: 22
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 4 3-Heptenoic acid, 5-hydroxy... Concentration Rank 2

R.T.	EstConc	Area	Relative to. ISTD	R.T.
42.53	0.43 ug/l	25059	Perylene-d12	43.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Heptenoic acid, 5-hydroxy-2,6,...	186	C10H18O3	110678-37-0	16
2			Undecane, 6-ethyl-	184	C13H28	017312-60-6	12
3			dl-2-Ethylhexyl chloroformate	192	C9H17ClO2	024468-13-1	12
4			1-Decanol, 2-methyl-	172	C11H24O	018675-24-6	10



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 22 May 2002 5:06 am
Data File: C:\MSDCHEM\1\DATA\020521\11569.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	16.3	ug/l	1247860	1	11.38	3067720	40.0
Thiophene, 2-[2-(...	31.09	0.3	ug/l	30754	4	31.72	4231770	40.0
- Anthracene-d10-	31.95	0.4	ug/l	38360	4	31.72	4231770	40.0
3-Heptenoic acid,...	42.53	0.4	ug/l	25059	6	43.15	2315300	40.0