

Jser: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 05/22/2002 Time: 12:24:26

Sample: AE11280
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 5/22/02 12:23 Ended: 5/22/02 12:23 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		91		10.0

omments for Sample AE11280 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-22-2002 Time: 12:26:08

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\020515\11280.D
Acq On : 16 May 2002 12:39 am
Sample : sample
Misc :
MS Integration Params: rteint.e
Quant Time: May 16 09:58:02 2002

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

Quant Results File: SCAN020507.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Last Update : Wed May 15 15:22:39 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	466193	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1744864	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.45	164	929122	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1596252	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	1239549	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	796831	40.00	ug/l	-0.03
System Monitoring Compounds						
27) TCMX	27.55	207	268745	36.21	ug/l	-0.02
Spiked Amount	40.000		Recovery	=	90.53%	
Target Compounds						
43) Bis(2-ethylhexyl)phthalate	40.52	149	52714	1.99	ug/l	Qvalue 96

(#) = qualifier out of range (m) = manual integration (+) = signals summed
11280.D SCAN020507.M Thu May 16 09:59:03 2002 Page 1

Data File : C:\MSDCHEM\1\DATA\020515\11280.D

Acq On : 16 May 2002 12:39 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Quant Time: May 16 9:58 2002

Vial: 14

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

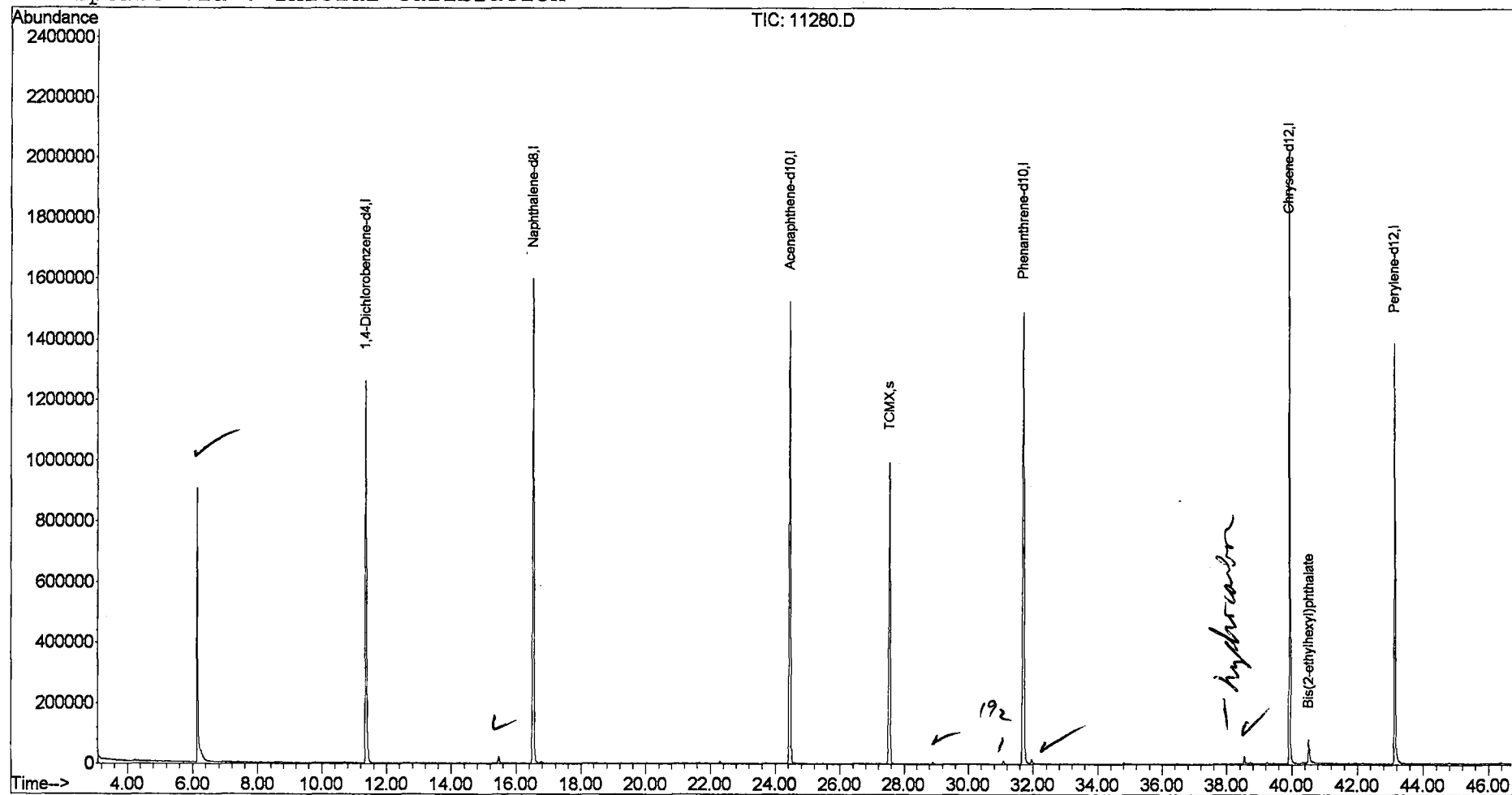
Quant Results File: SCAN020507.RES

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

Title : Method 508 GC/MS Scan

Last Update : Wed May 15 15:22:39 2002

Response via : Initial Calibration



11280.D SCAN020507.M

Thu May 16 09:59:04 2002

Page 2

LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020515\11280.D

Vial: 14

Acq On : 16 May 2002 12:39 am

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: rteint.e

Method : C:\MSDCHEM\1\METHODS\SCAN020507.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

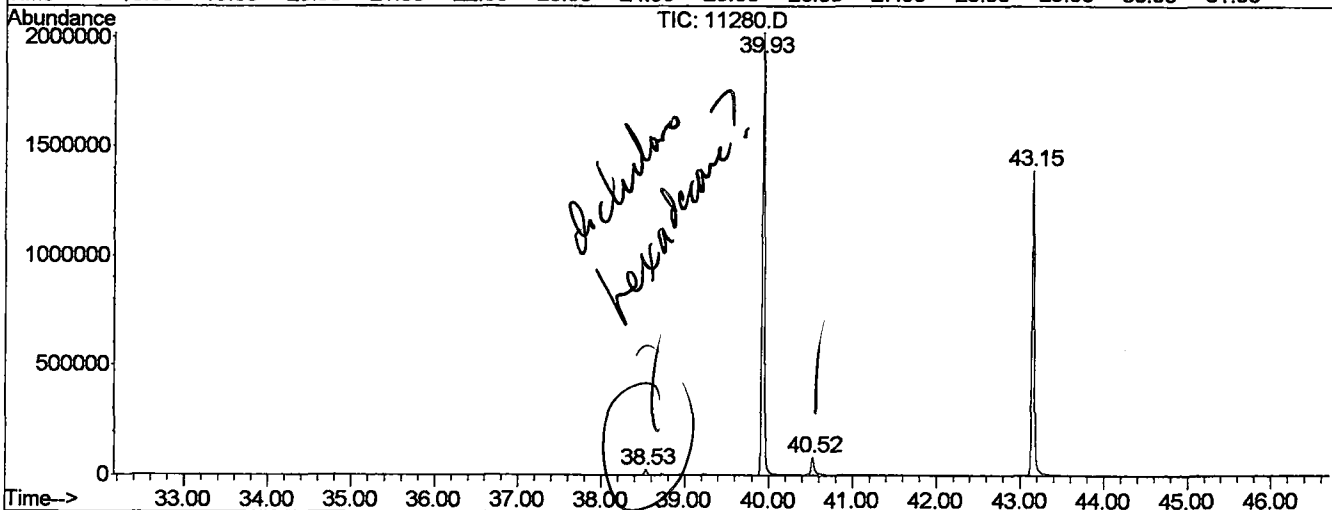
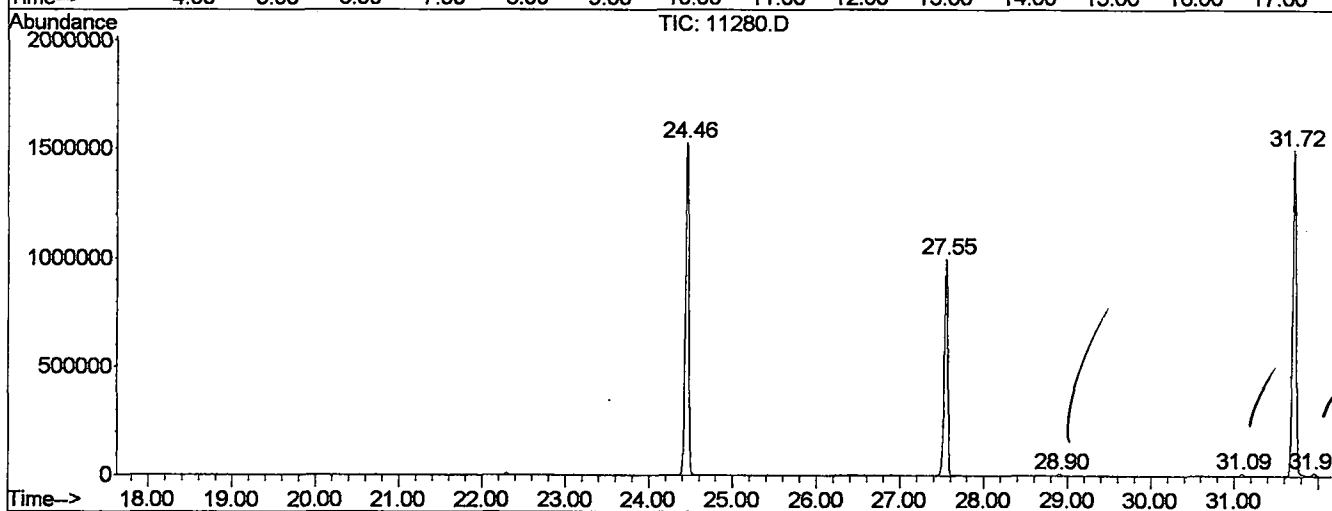
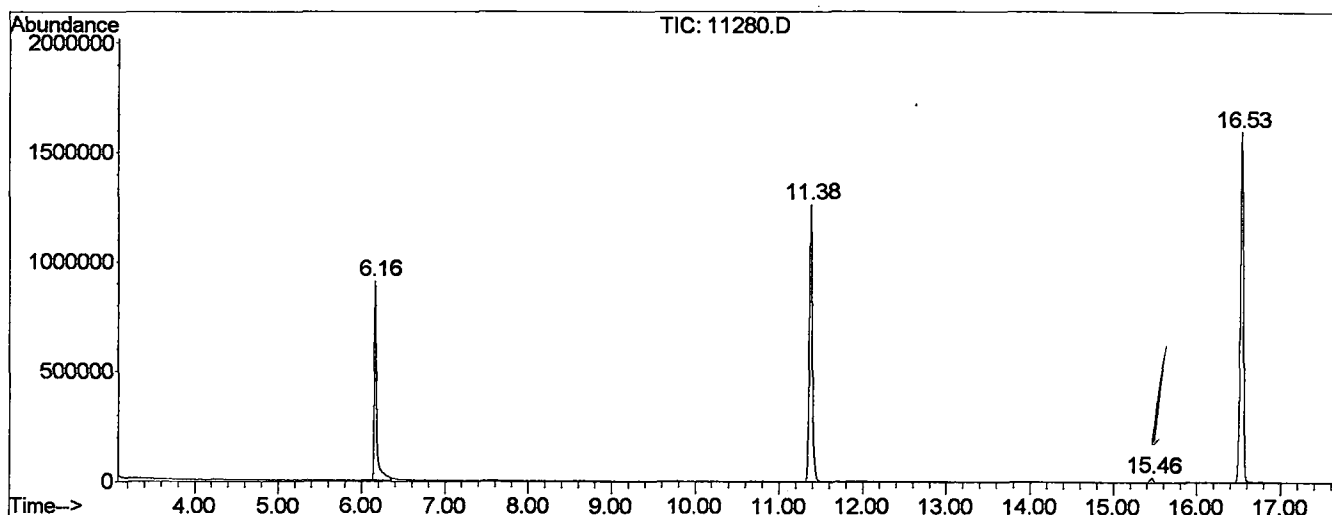
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.158	515	524	558	rBV	906264	1841386	40.92%	6.686%
2	11.375	1401	1412	1430	rBV	1262453	3201094	71.14%	11.622%
3	15.459	2096	2107	2116	rVB3	21422	59748	1.33%	0.217%
4	16.534	2276	2290	2308	rBV	1597678	4015228	89.23%	14.578%
5	24.460	3623	3639	3652	rBV	1526163	4171881	92.71%	15.147%
6	27.551	4146	4165	4180	rBV2	996261	2811421	62.48%	10.207%
7	28.902	4385	4395	4403	rBV6	9141	26637	0.59%	0.097%
8	31.088	4754	4767	4779	rBV3	12008	35633	0.79%	0.129%
9	31.717	4854	4874	4900	rBV2	1497048	4500012	100.00%	16.338%
10	31.946	4906	4913	4923	rVB3	13892	35523	0.79%	0.129%
11	38.532	6027	6034	6042	rBV5	25072	54713	1.22%	0.199%
12	39.931	6260	6272	6294	rBV2	2017878	3793175	84.29%	13.772%
13	40.518	6365	6372	6385	rBV3	77017	192124	4.27%	0.698%
14	43.151	6808	6820	6848	rBV2	1387571	2804396	62.32%	10.182%

Sum of corrected areas: 27542971

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020515\11280.D
 Operator : Nefliu
 Acquired : 16 May 2002 12:39 am 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\020515\11280.D
 Acq On : 16 May 2002 12:39 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

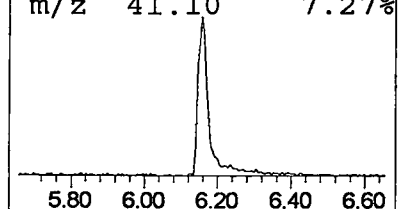
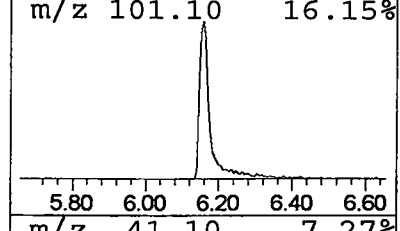
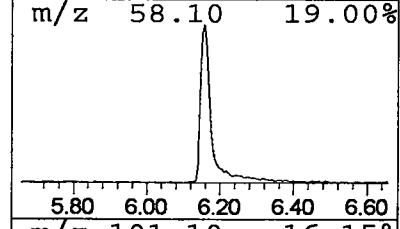
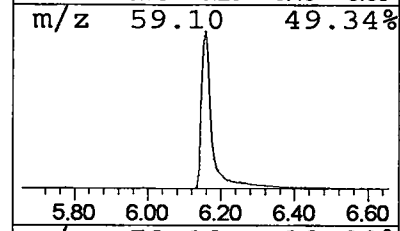
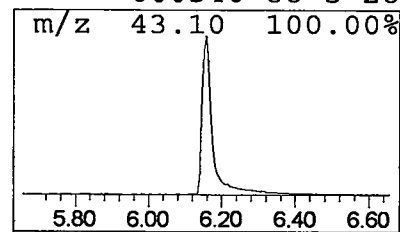
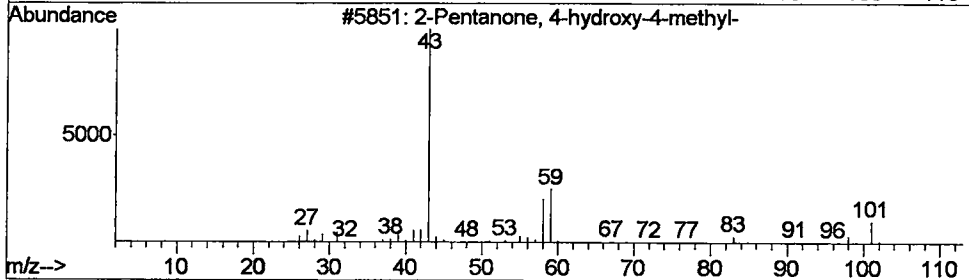
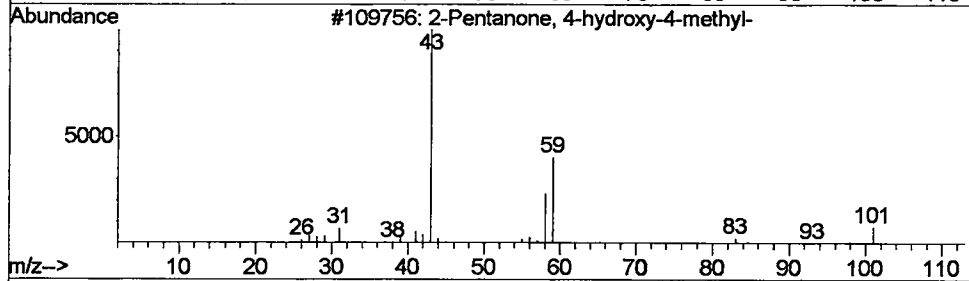
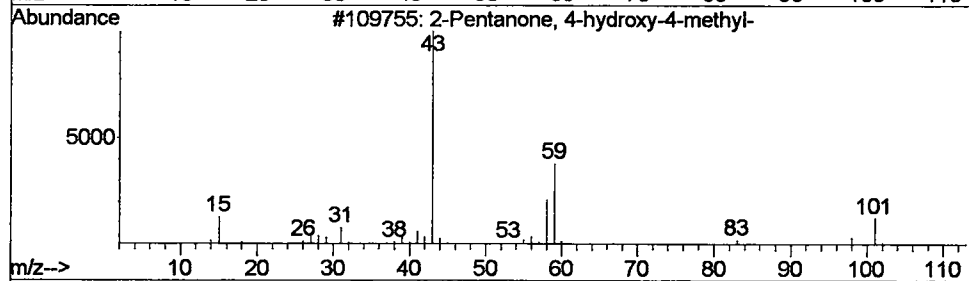
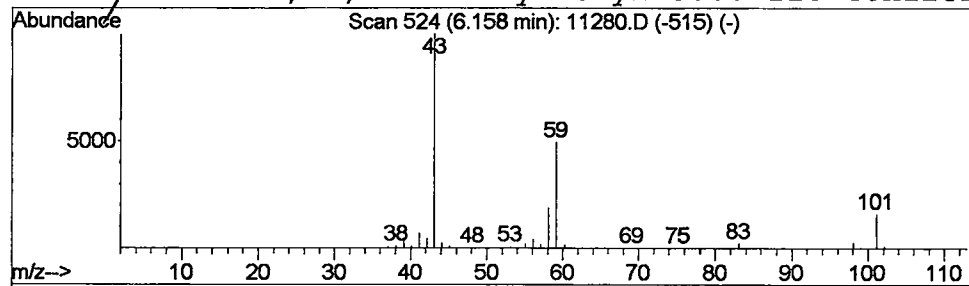
Vial: 14
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
✓ 6.16	23.01 ug/l	1841390	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	50	
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	28	



Library Search Compound Report

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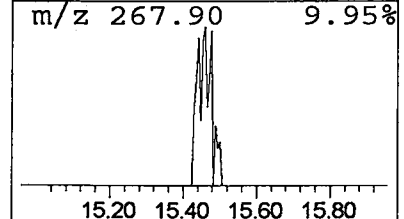
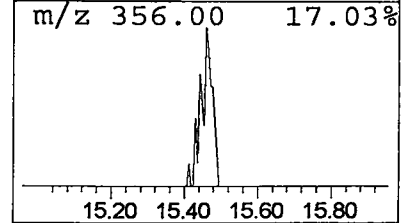
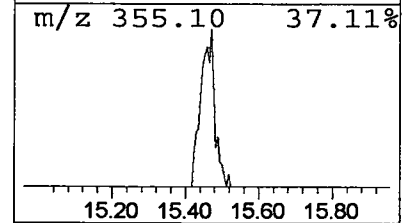
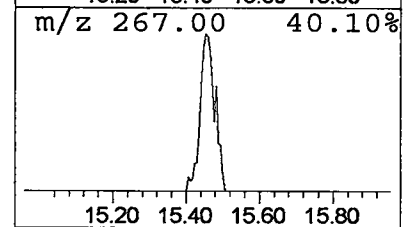
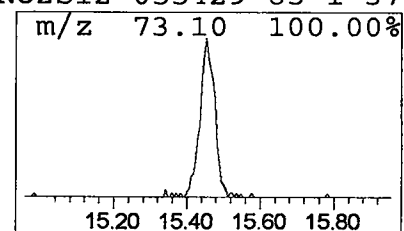
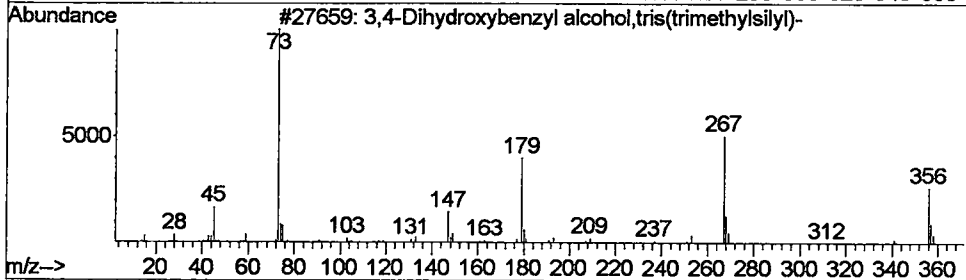
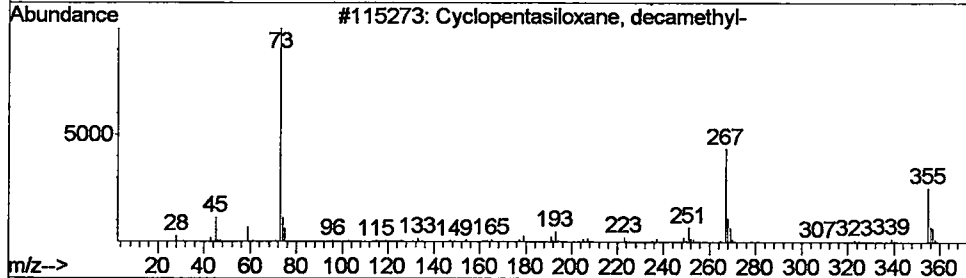
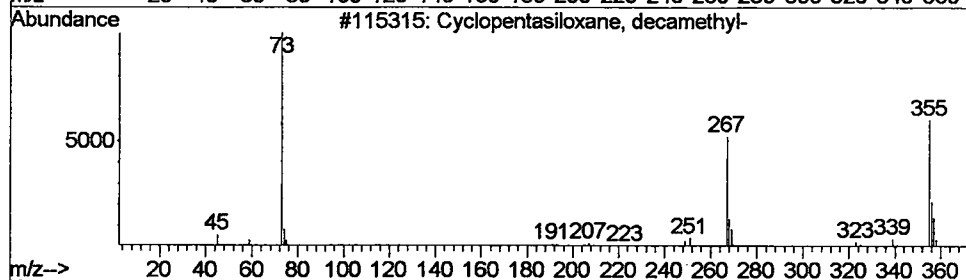
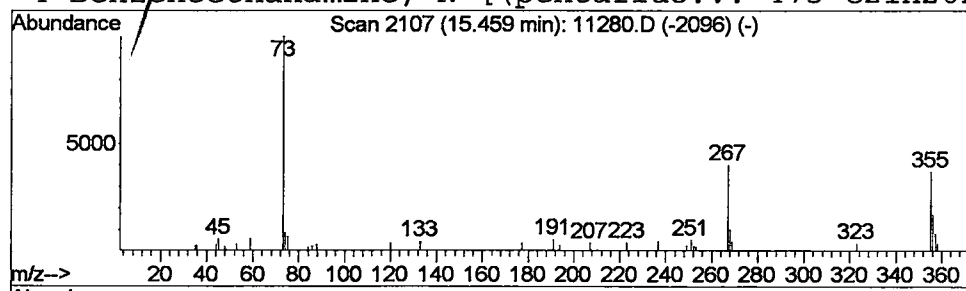
Vial: 14
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 2 Cyclopentasiloxane, decamet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	0.60 ug/l	59748	Napthalene-d8	16.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
✓ 1			Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	78
2			Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	56
3			3,4-Dihydroxybenzyl alcohol, tris...	356	C16H32O3Si3	068595-79-9	49
4			Benzeneethanamine, N-[(pentafluor...	475	C21H26F5NO2Si2	055429-85-1	37



Library Search Compound Report

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 Acq On : 16 May 2002 12:39 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

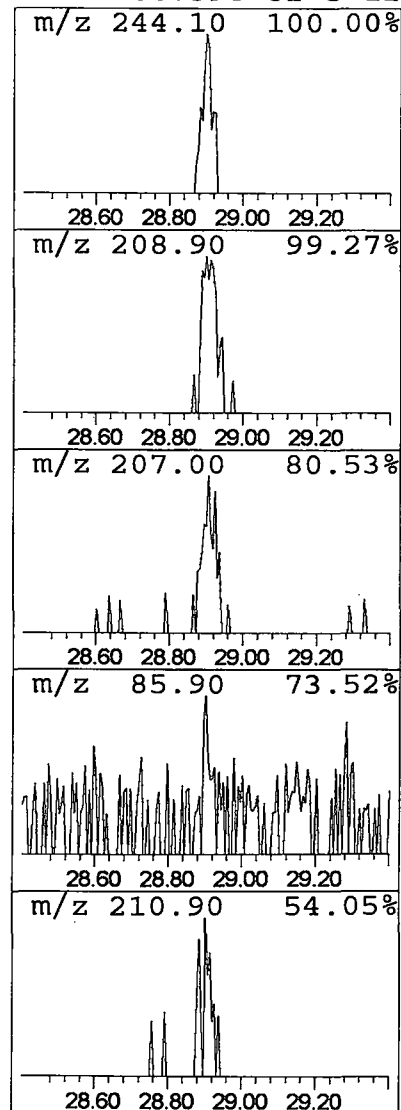
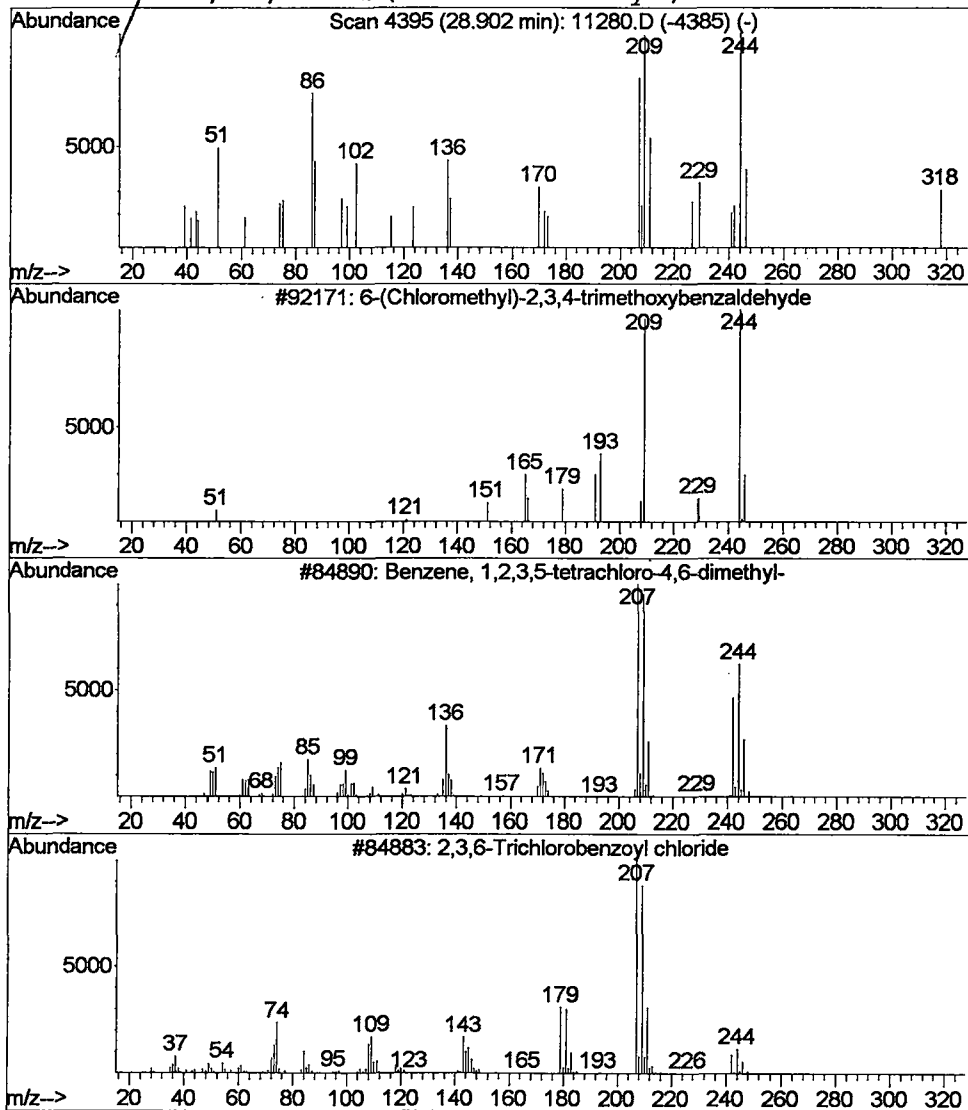
Vial: 14
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 3 6-(Chloromethyl)-2,3,4-trim... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.90	0.24 ug/l	26637	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		6-(Chloromethyl)-2,3,4-trimethox...	244	C11H13ClO4	075676-80-1	35
2		Benzene, 1,2,3,5-tetrachloro-4,6...	242	C8H6Cl4	000877-09-8	22
3		2,3,6-Trichlorobenzoyl chloride	242	C7H2Cl4O	004093-17-8	12
4		Benzene, 1,4-bis(dichloromethyl)-	242	C8H6Cl4	007398-82-5	12



Library Search Compound Report

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 MS Integration Params: rteint.e

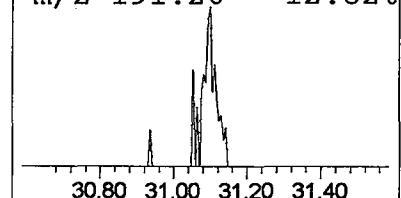
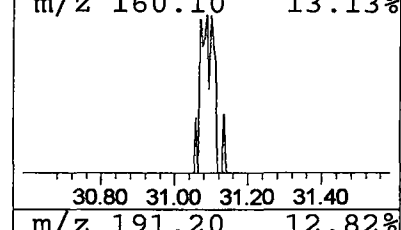
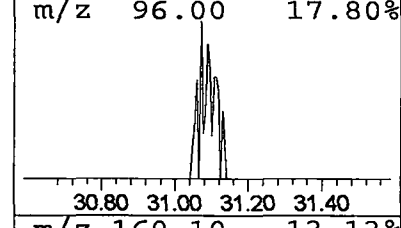
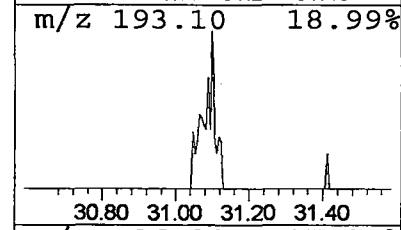
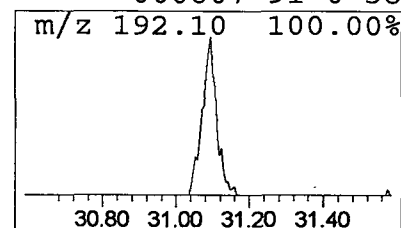
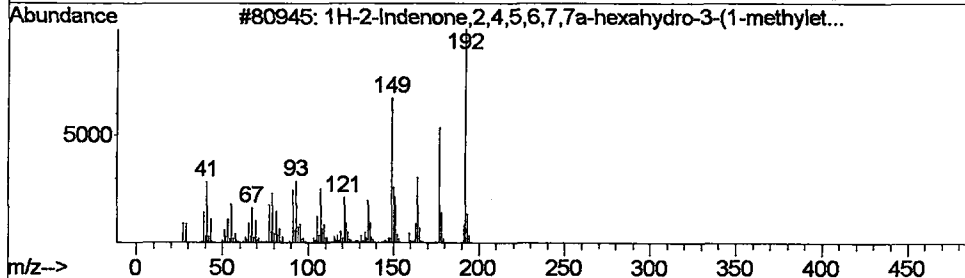
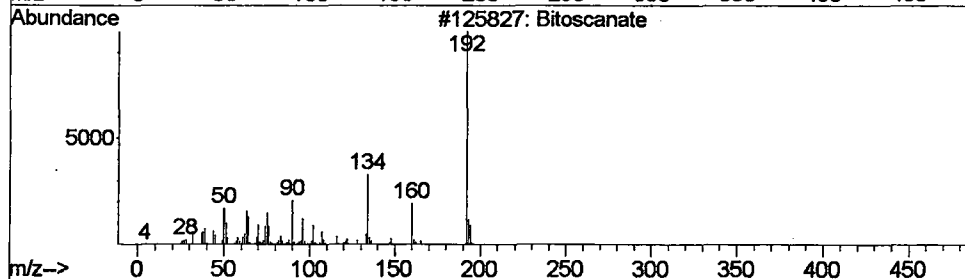
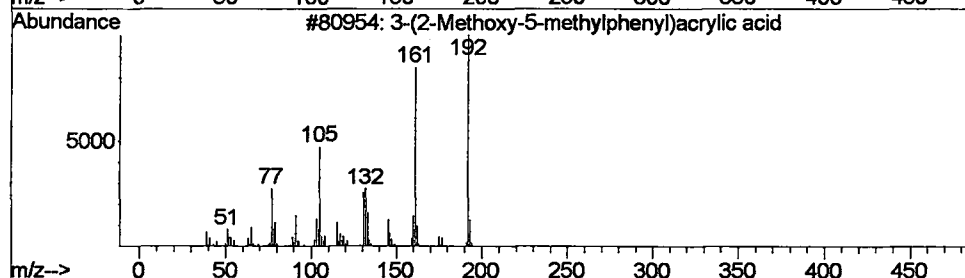
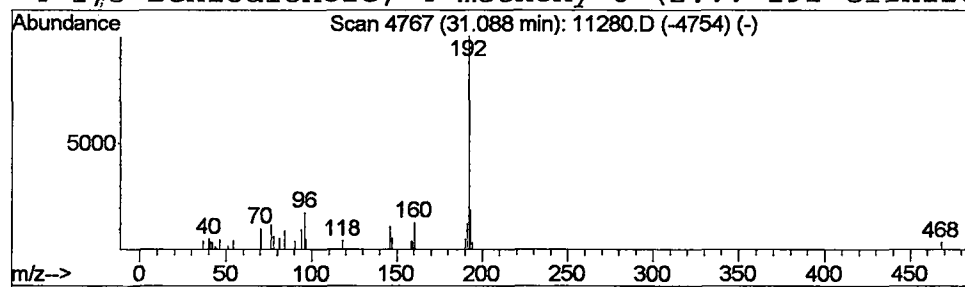
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 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 4 3-(2-Methoxy-5-methylphenyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.32 ug/l	35633	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-(2-Methoxy-5-methylphenyl)acry...	192	C11H12O3	103986-76-1	50
2		Bitoscanate	192	C8H4N2S2	004044-65-9	47
3		1H-2-Indenone,2,4,5,6,7,7a-hexah...	192	C13H20O	1000196-69-5	38
4		1,3-Benzodioxole, 4-methoxy-6-(2...	192	C11H12O3	000607-91-0	38



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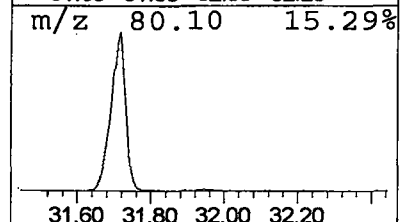
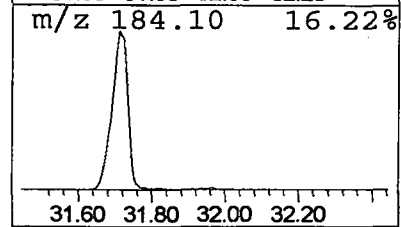
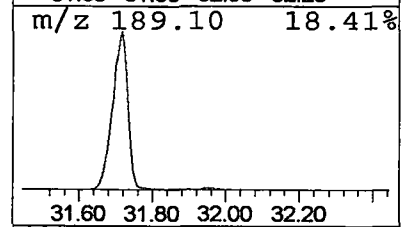
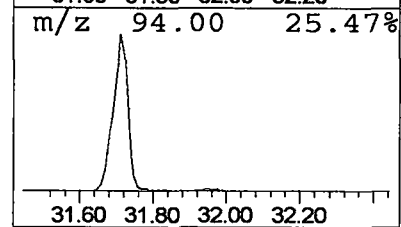
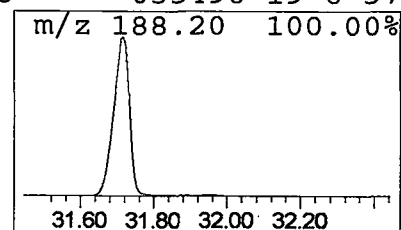
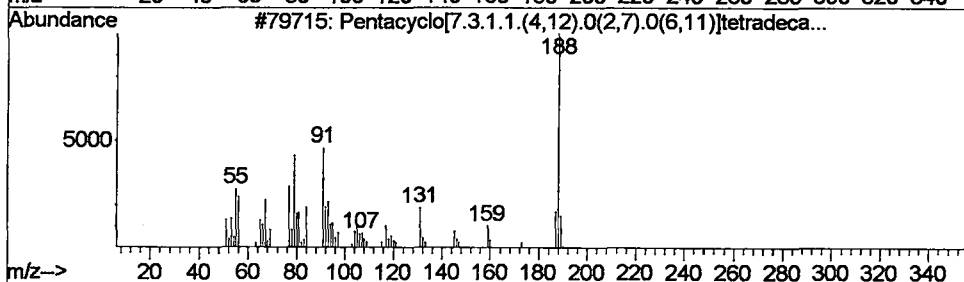
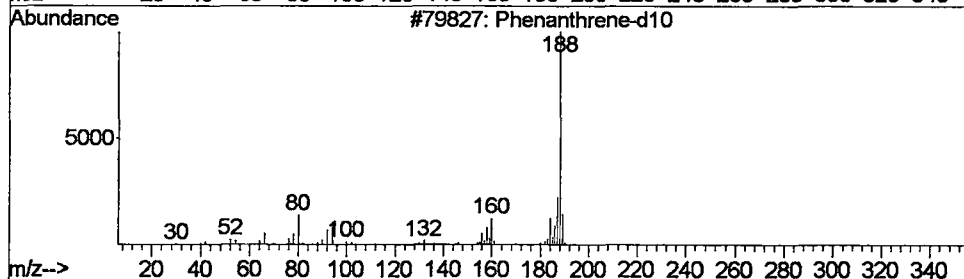
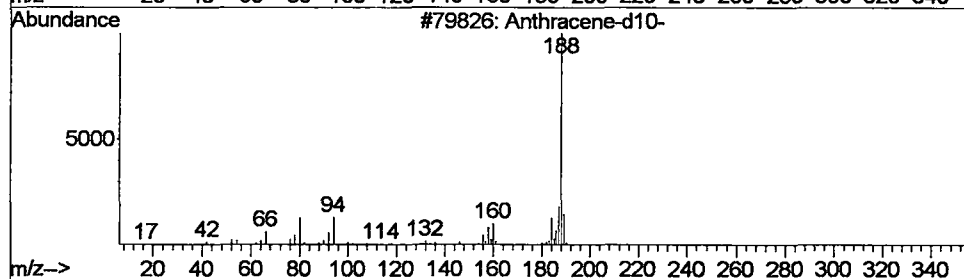
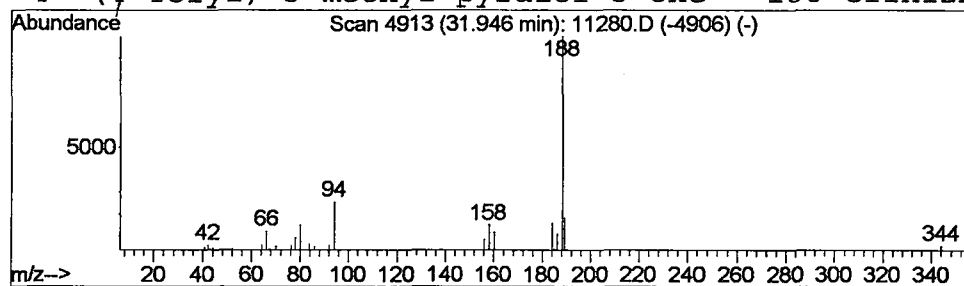
Vial: 14
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Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.1

Peak Number 5 Anthracene-d10- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.95	0.32 ug/l	35523	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
✓ 1		Anthracene-d10-	188	C14D10	001719-06-8	93
2		Phenanthrene-d10	188	C14D10	001517-22-2	90
3		Pentacyclo[7.3.1.1.(4,12).0(2,7)...]	188	C14H20	1000215-61-8	40
4		-(4-Tolyl)-3-methyl-pyrazol-5-one	188	C11H12N2O	035496-19-6	37



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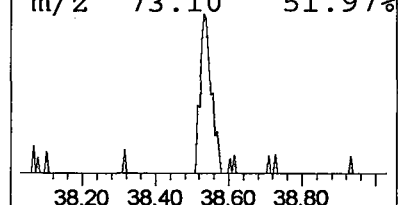
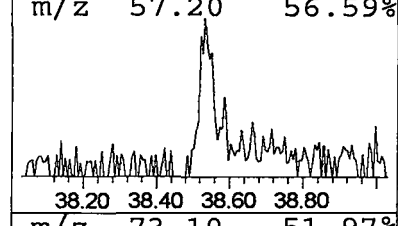
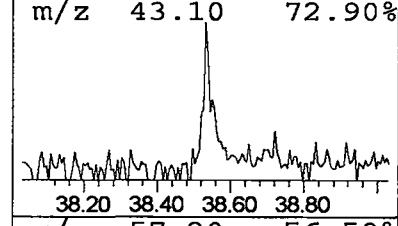
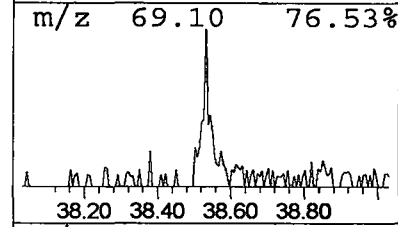
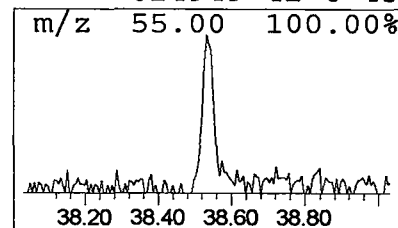
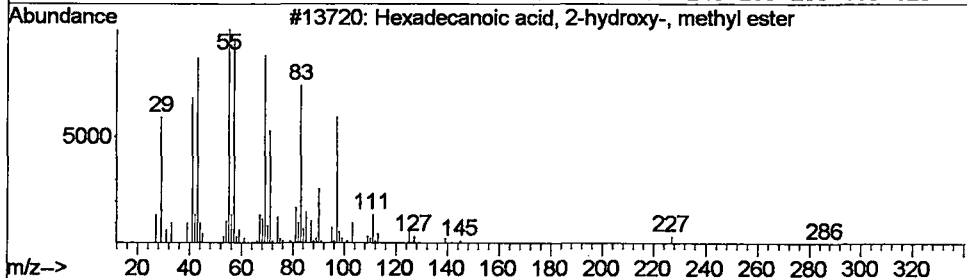
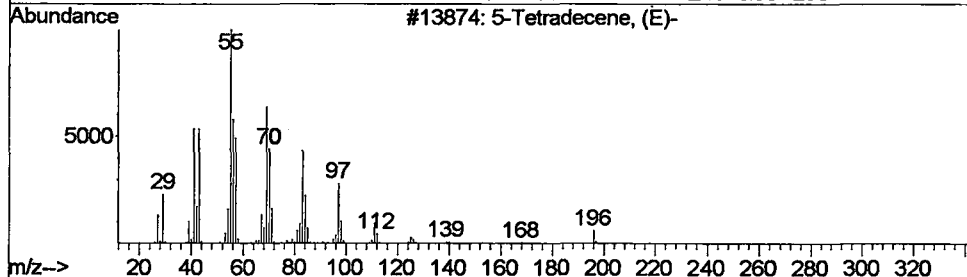
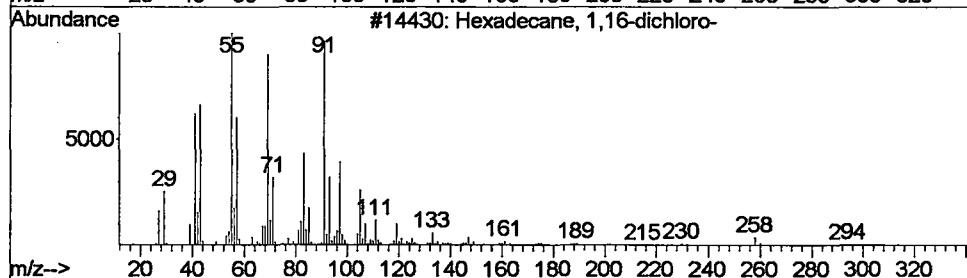
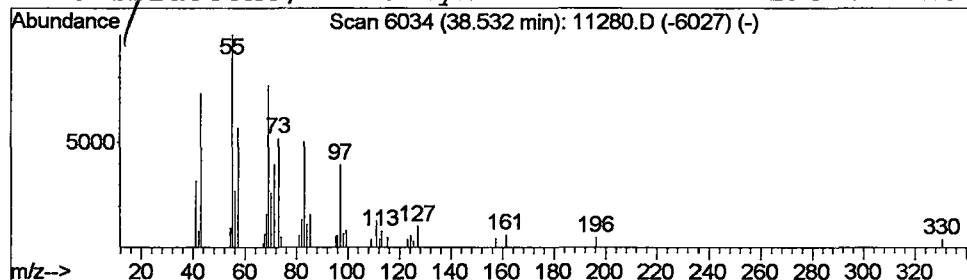
Vial: 14
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 6 Hexadecane, 1,16-dichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.53	0.58 ug/l	54713	Chrysene-d12	39.93

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
✓ 1		Hexadecane, 1,16-dichloro-	294	C16H32Cl2	007735-39-9	80
2		5-Tetradecene, (E)-	196	C14H28	041446-66-6	76
3		Hexadecanoic acid, 2-hydroxy-, m...	286	C17H34O3	016742-51-1	47
4		6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	43



tentatively identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 16 May 2002 12:39 am
Data File: C:\MSDCHEM\1\DATA\020515\11280.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	--Internal Standard--			
					#	RT	Resp	Conc
- 2-Pentanone, 4-hy...	6.16	23.0	ug/l	1841390	1	11.38	3201090	40.0
- Cyclopentasiloxan...	15.46	0.6	ug/l	59748	2	16.53	4015230	40.0
- 6-(Chloromethyl)- ...	28.90	0.2	ug/l	26637	4	31.72	4500010	40.0
- 3-(2-Methoxy-5-me ...	31.09	0.3	ug/l	35633	4	31.72	4500010	40.0
- Anthracene-d10-	31.95	0.3	ug/l	35523	4	31.72	4500010	40.0
- Hexadecane, 1,16-...	38.53	0.6	ug/l	54713	5	39.93	3793180	40.0