

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 05/15/2002 Time: 12:10:08

Sample: AE09769
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 5/15/02 12:04 Ended: 5/15/02 12:04 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		70		10.0

Comments for Sample AE09769 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-15-2002 Time: 12:10:12

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\020507\09769.D

Vial: 16

Acq On : 8 May 2002 2:55 am

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: lscint.e

Quant Time: May 09 09:37:40 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 09 09:21:01 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	475907	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1799927	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.45	164	953677	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1640379	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	1323170	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	871290	40.00	ug/l	-0.03
System Monitoring Compounds						
27) TCMX	27.54	207	53090	6.97	ug/l	-0.04
Spiked Amount	10.000		Recovery	=	69.70%	
Target Compounds						
43) Bis(2-ethylhexyl)phthalate	40.51	149	10439	0.37	ug/l	Qvalue 89

(#) = qualifier out of range (m) = manual integration (+) = signals summed
09769.D SCAN020507.M Thu May 09 09:38:54 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020507\09769.D

Vial: 16

Acq On : 8 May 2002 2:55 am

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: lscint.e

Quant Time: May 9 9:38 2002

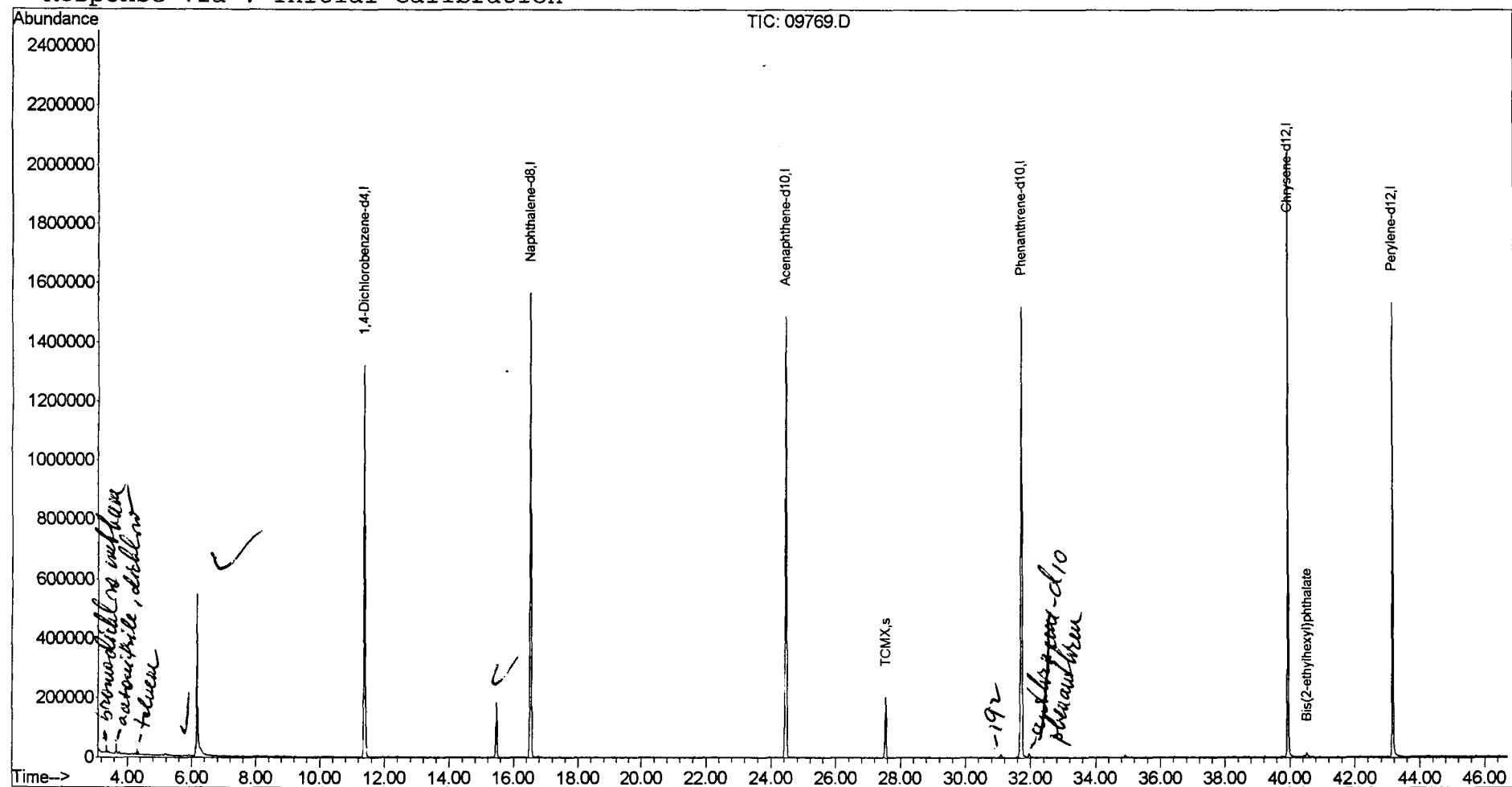
Quant Results File: SCAN020507.RES

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

Title : Method 508 GC/MS Scan

Last Update : Thu May 09 09:21:01 2002

Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020507\09769.D
 Acq On : 8 May 2002 2:55 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: 0.7 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

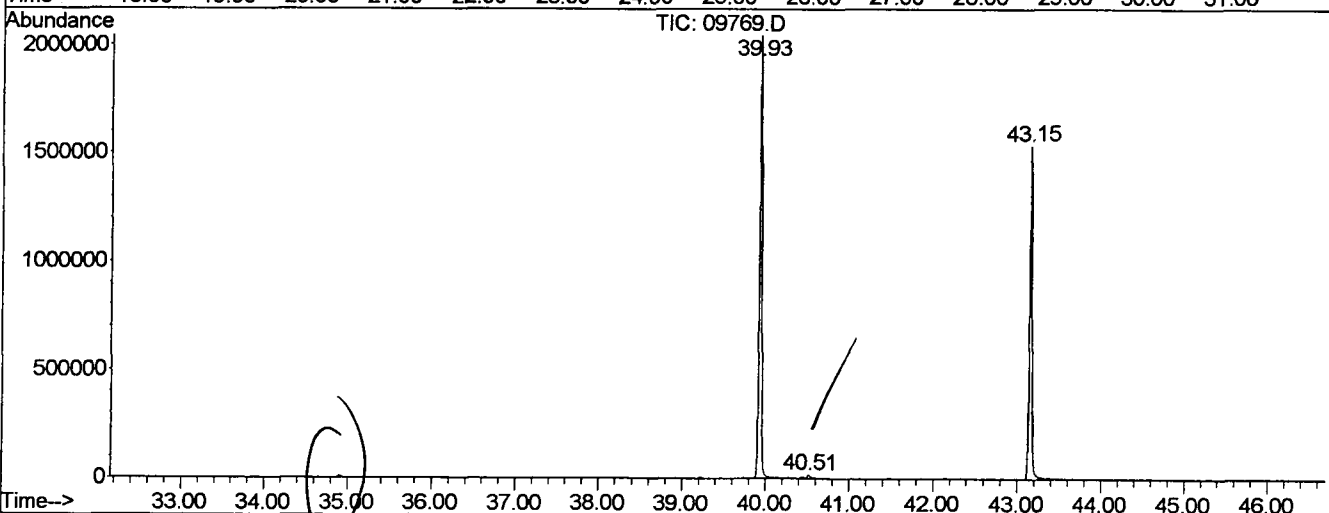
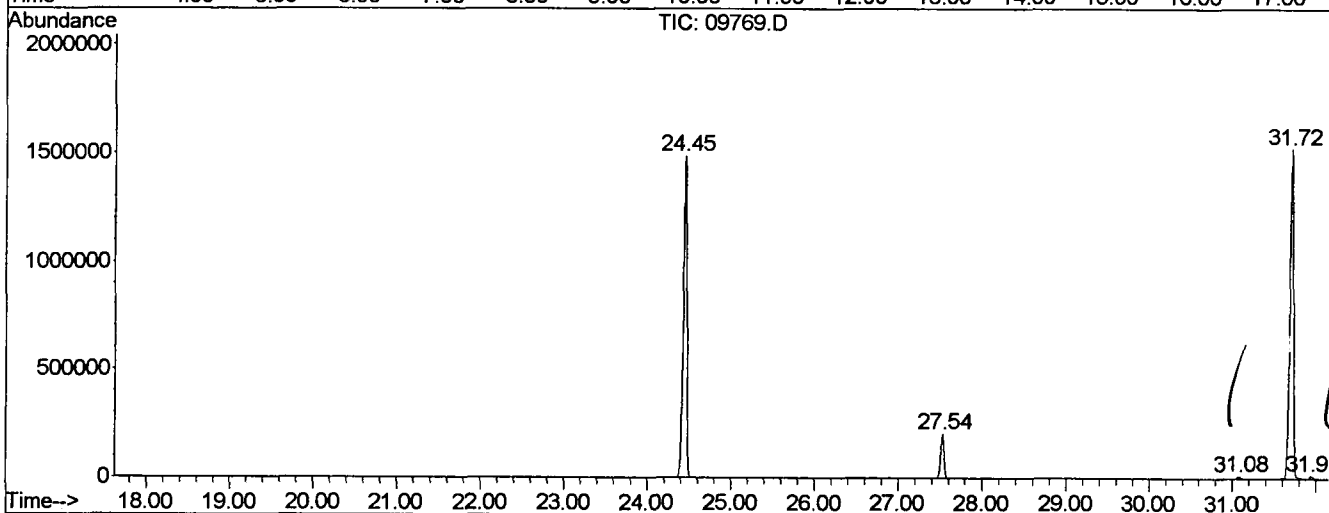
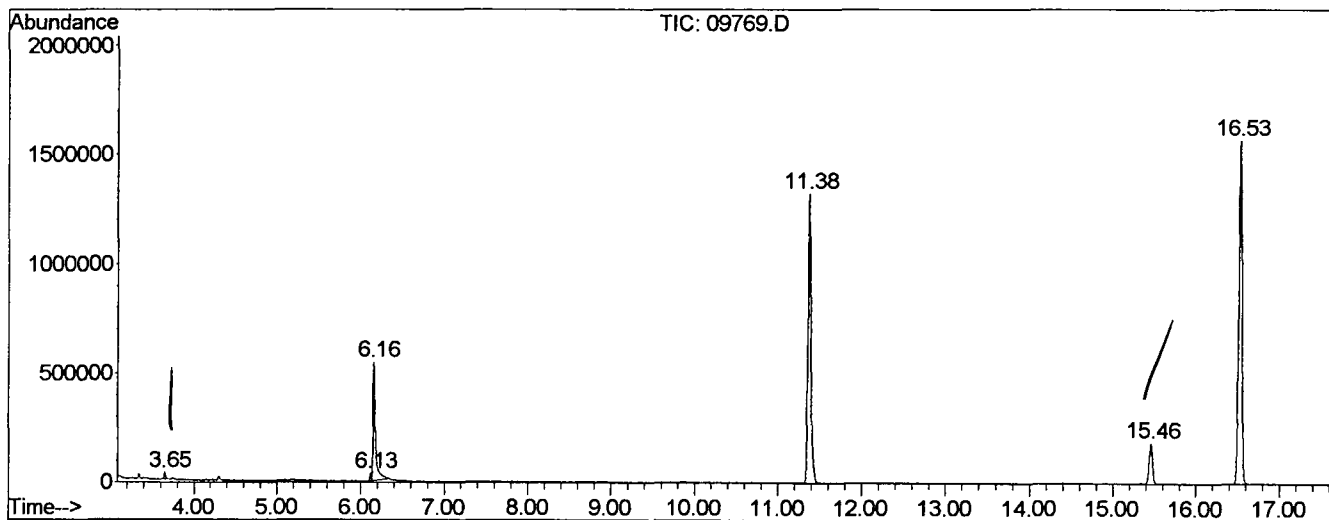
Signal : TIC

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	105	rVB	32088	40182	0.87%	0.155%
2	6.129	512	519	520	rBV	38123	59501	1.29%	0.230%
3	6.158	520	524	553	rVB	539699	1062724	23.02%	4.109%
4	11.376	1399	1412	1436	rVB	1320491	3303124	71.55%	12.772%
5	15.459	2094	2107	2119	rVB	185813	526710	11.41%	2.037%
6	16.534	2274	2290	2304	rBV	1566264	4153166	89.96%	16.059%
7	24.455	3621	3638	3651	rBV	1485841	4282199	92.76%	16.558%
8	27.539	4147	4163	4174	rBV4	203013	563382	12.20%	2.178%
9	31.082	4755	4766	4778	rBV6	11356	37310	0.81%	0.144%
10	31.717	4857	4874	4897	rVB2	1521329	4616487	100.00%	17.851%
11	31.946	4905	4913	4924	rVB5	13454	40977	0.89%	0.158%
12	39.931	6257	6272	6289	rBV2	2042203	4073376	88.24%	15.751%
13	40.513	6365	6371	6383	rVV4	13828	37170	0.81%	0.144%
14	43.151	6808	6820	6839	rBV2	1533637	3065278	66.40%	11.853%

Sum of corrected areas: 25861586

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020507\09769.D
 Operator : Nefliu
 Acquired : 8 May 2002 2:55 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\020507\09769.D
 Acq On : 8 May 2002 2:55 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

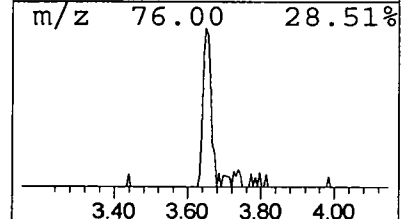
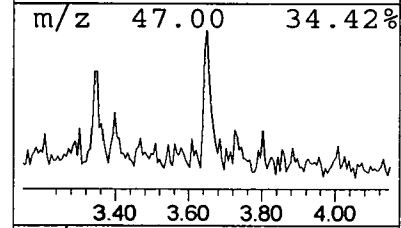
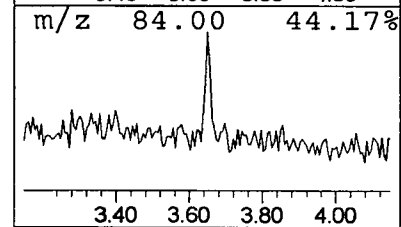
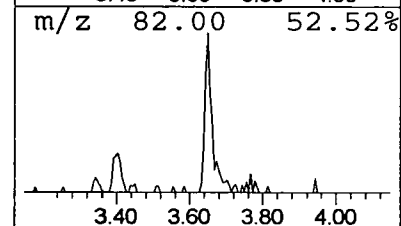
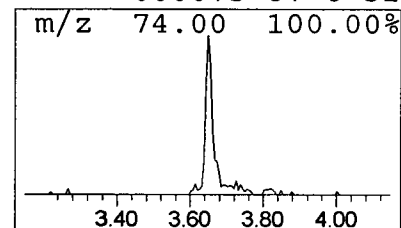
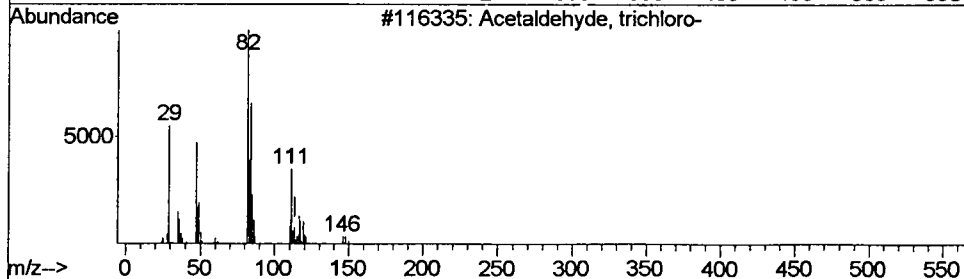
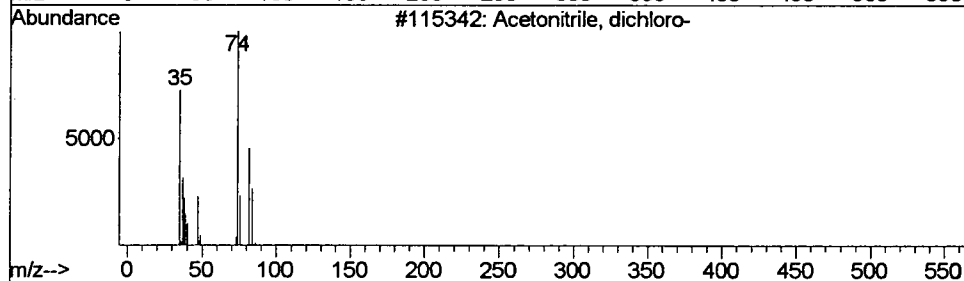
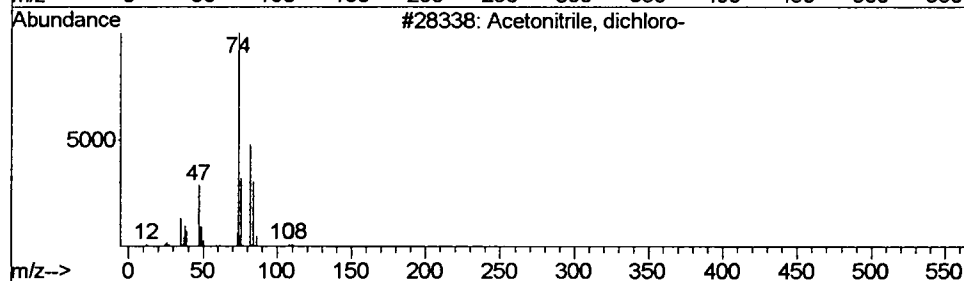
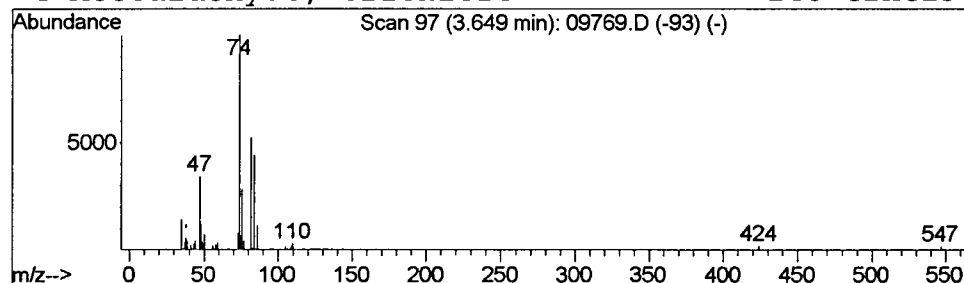
Vial: 16
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 1 Acetonitrile, dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.65	0.49 ug/l	40182	1,4-Dichlorobenzene-d4	11.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	83
2		Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	59
3		Acetaldehyde, trichloro-	146	C2HCl3O	000075-87-6	37
4		Acetaldehyde, trichloro-	146	C2HCl3O	000075-87-6	32



Library Search Compound Report

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Acq On : 8 May 2002 2:55 am
Sample : sample
Misc :
MS Integration Params: rteint.e

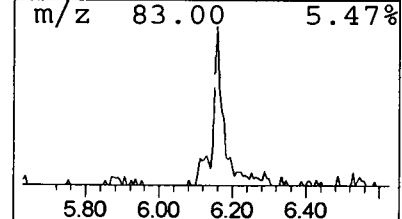
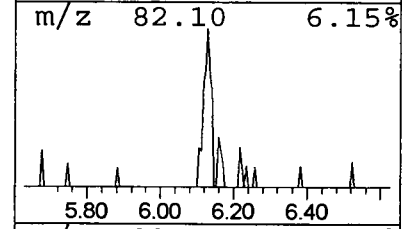
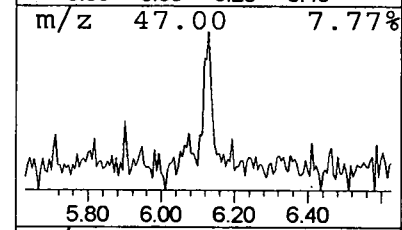
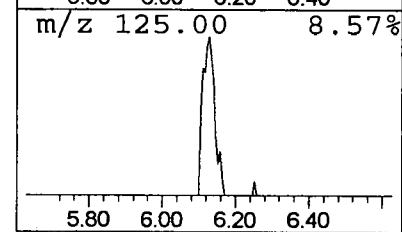
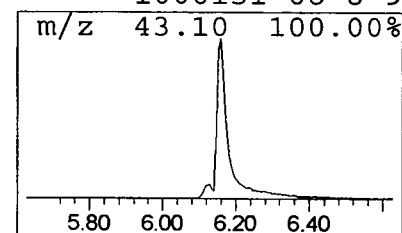
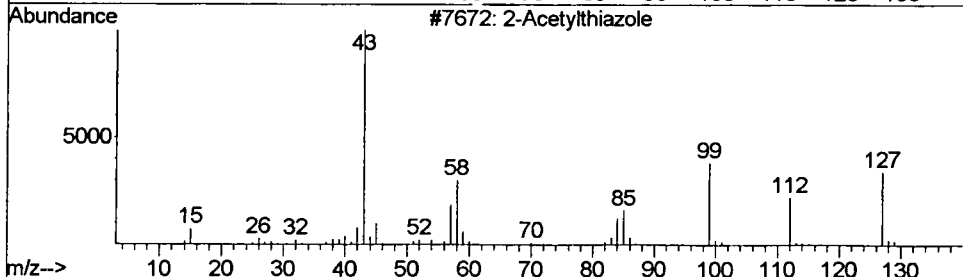
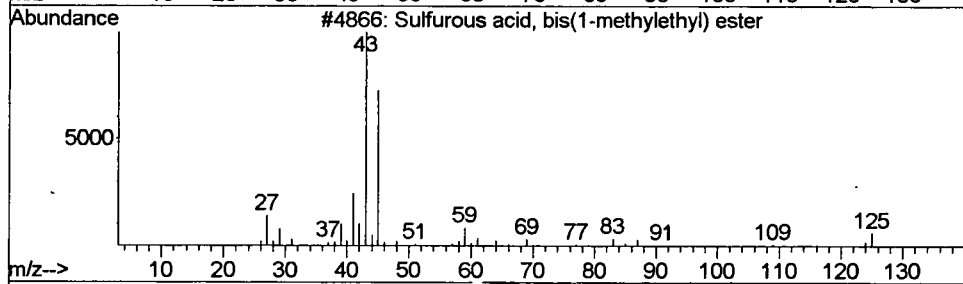
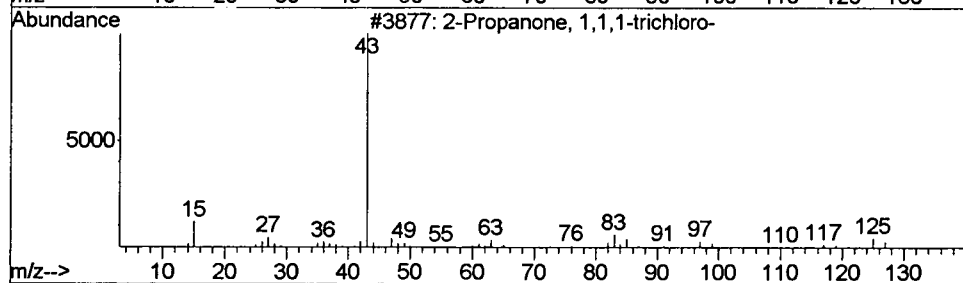
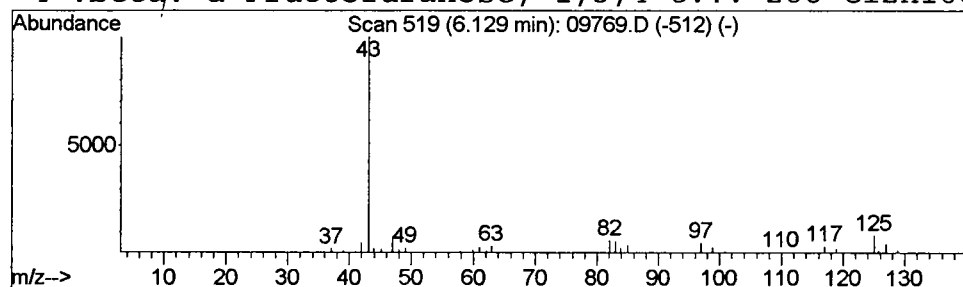
Vial: 16
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.13	0.72 ug/l	59501	1,4-Dichlorobenzene-d4	11.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
✓1			2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	78
2			Sulfurous acid, bis(1-methylethy...	166	C6H14O3S	004773-13-1	17
3			2-Acetylthiazole	127	C5H5NOS	024295-03-2	9
4			.beta.-d-Fructofuranose, 1,3,4-t...	288	C12H16O8	1000151-08-8	9



Library Search Compound Report

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 Acq On : 8 May 2002 2:55 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

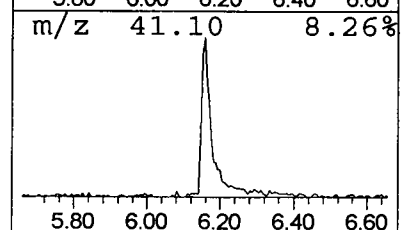
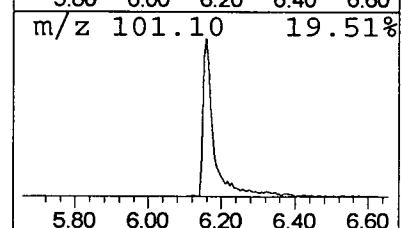
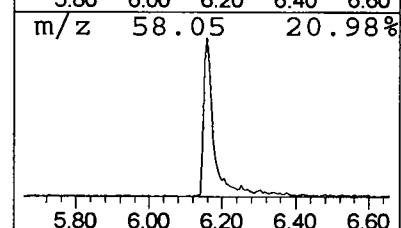
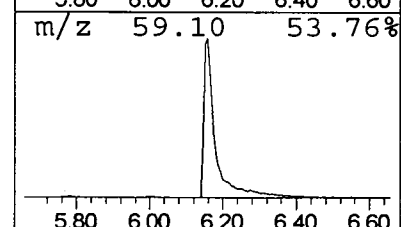
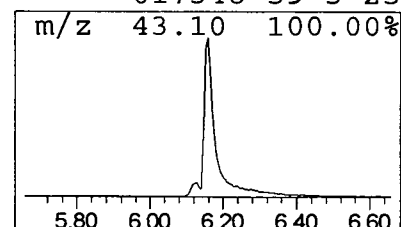
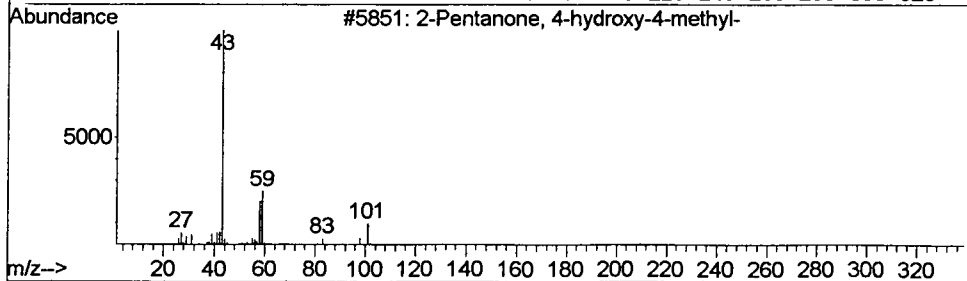
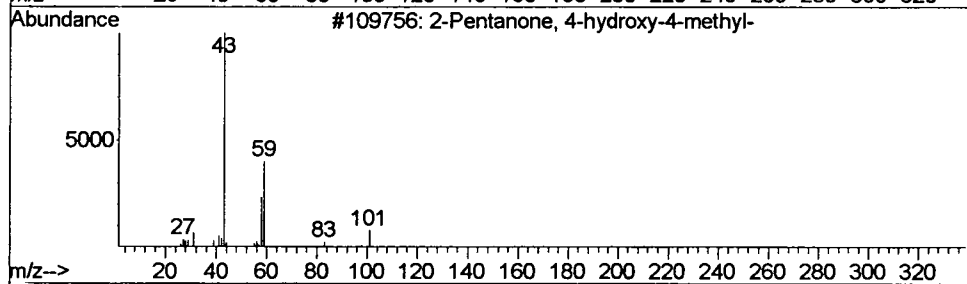
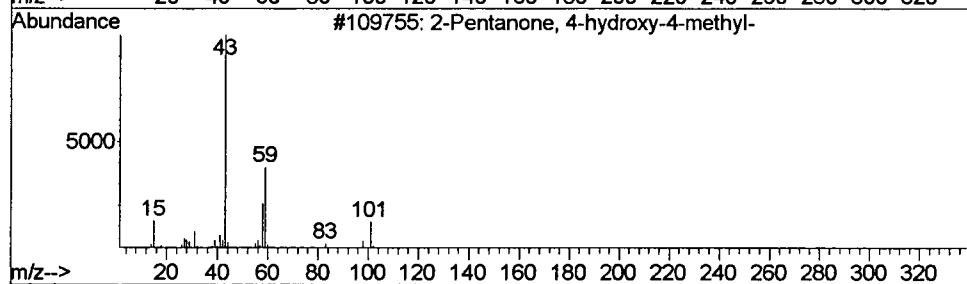
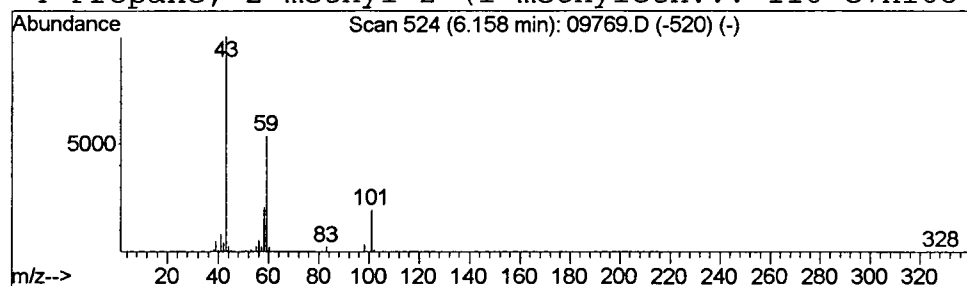
Vial: 16
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	12.87 ug/l	1062720	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	53
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	36
4		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	25



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020507\09769.D
Acq On : 8 May 2002 2:55 am
Sample : sample
Misc :
MS Integration Params: rteint.e

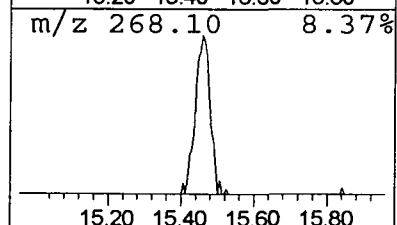
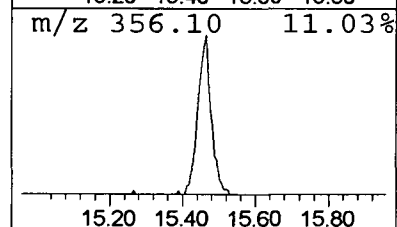
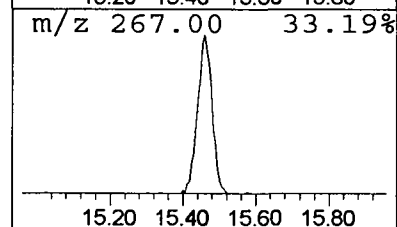
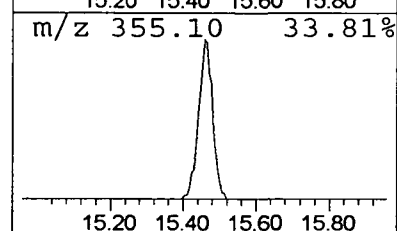
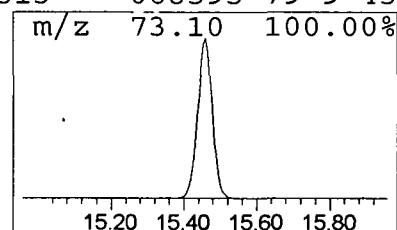
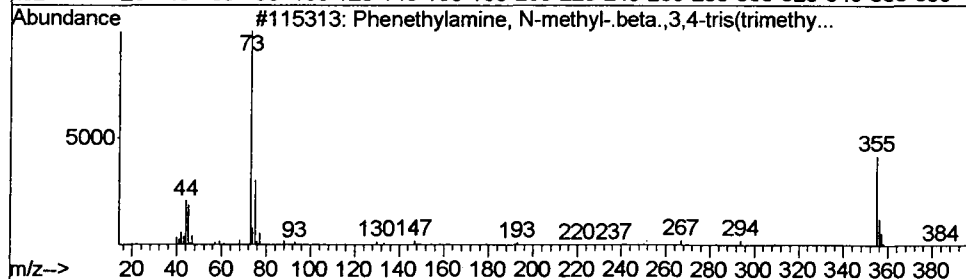
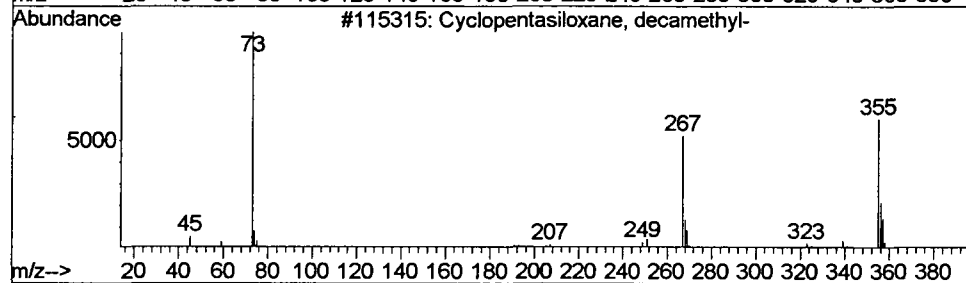
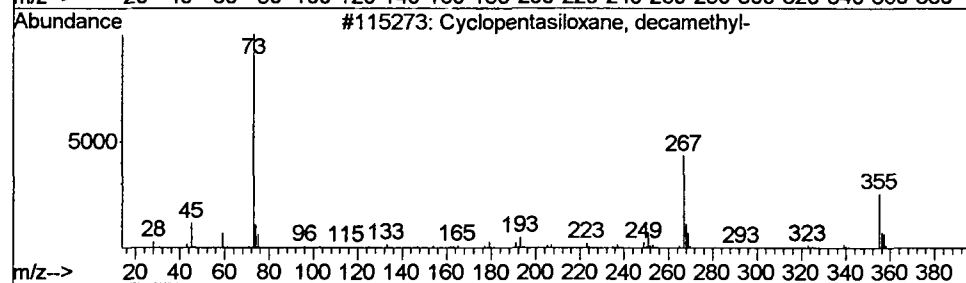
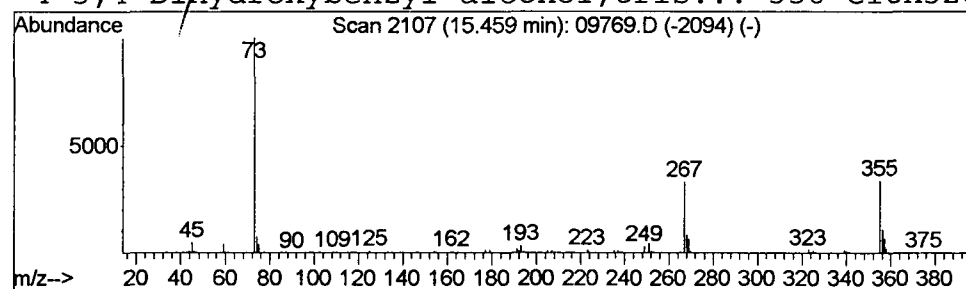
Vial: 16
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 4 Cyclopentasiloxane, decamet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	5.07 ug/l	526710	Naphthalene-d8	16.53

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
✓ 1		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	90
2		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	64
3		Phenethylamine, N-methyl-.beta.,...	399	C18H37NO3Si3	010538-85-9	50
4		3,4-Dihydroxybenzyl alcohol, tris...	356	C16H32O3Si3	068595-79-9	43



Library Search Compound Report

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Acq On : 8 May 2002 2:55 am
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MS Integration Params: rteint.e

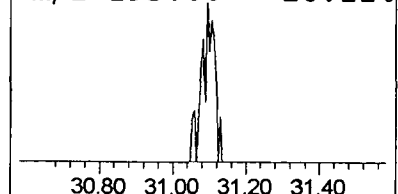
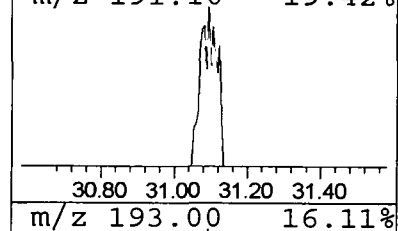
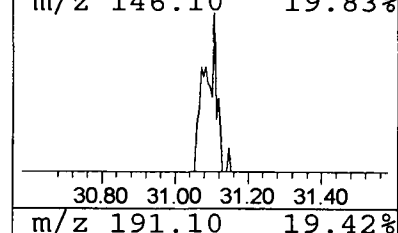
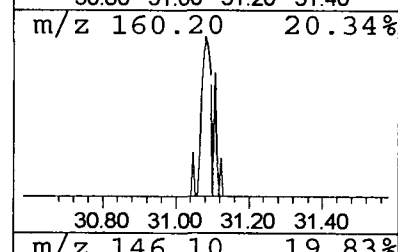
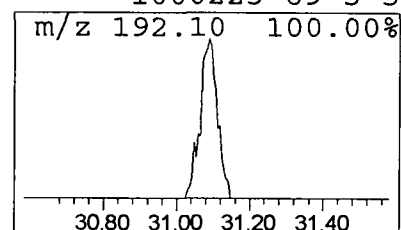
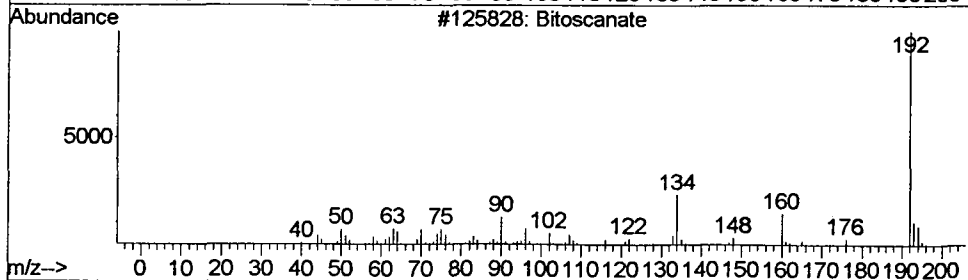
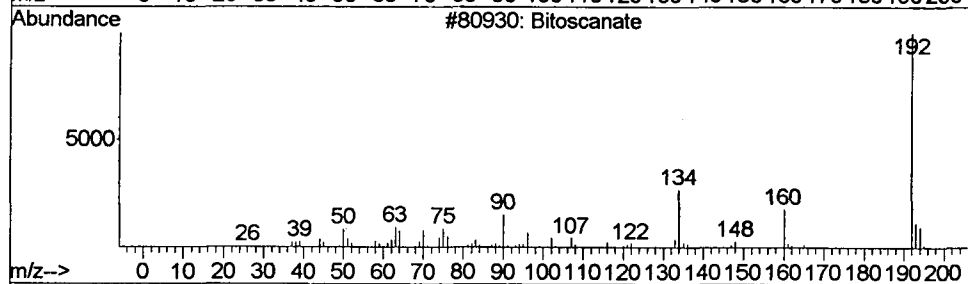
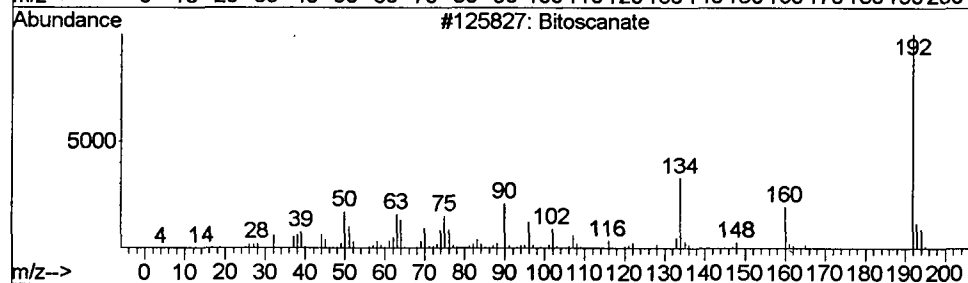
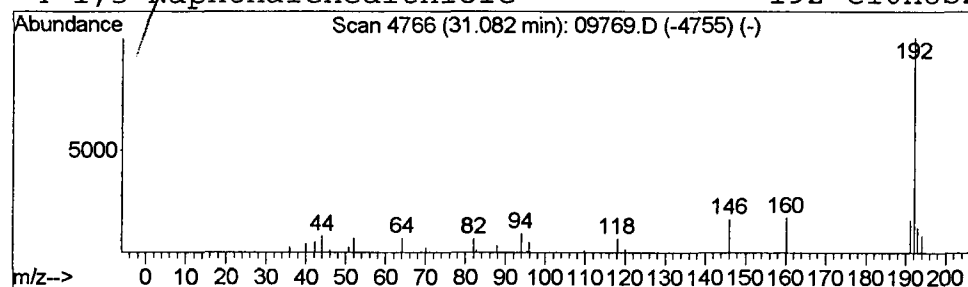
Vial: 16
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 5 Bitoscanate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.08	0.32 ug/l	37310	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bitoscanate			192	C8H4N2S2	004044-65-9	52
2	Bitoscanate			192	C8H4N2S2	004044-65-9	52
3	Bitoscanate			192	C8H4N2S2	004044-65-9	52
4	1,5-Naphthalenedithiole			192	C10H8S2	1000223-69-5	50



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020507\09769.D
Acq On : 8 May 2002 2:55 am
Sample : sample
Misc :
MS Integration Params: rteint.e

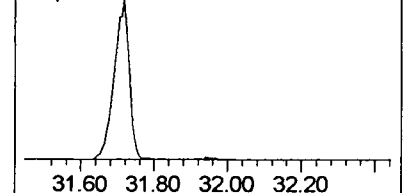
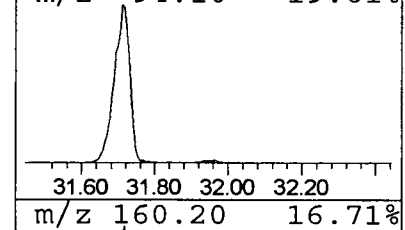
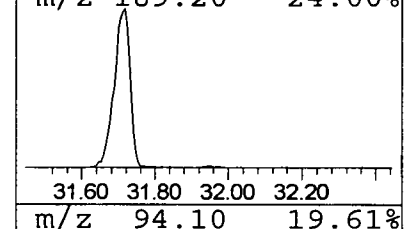
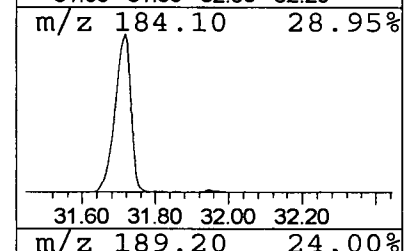
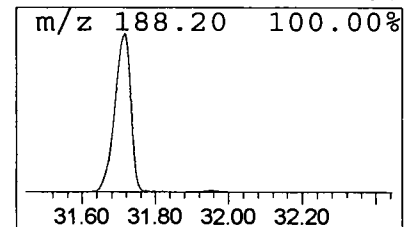
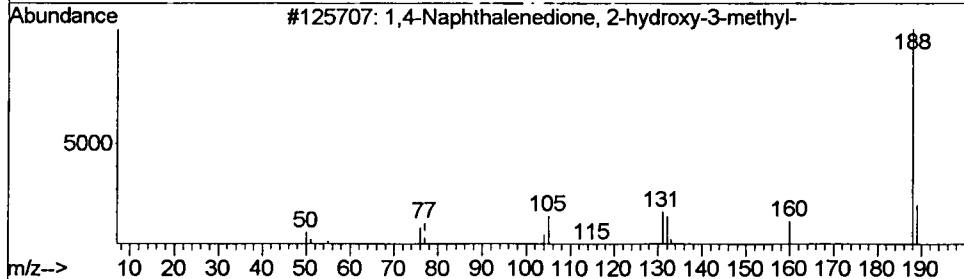
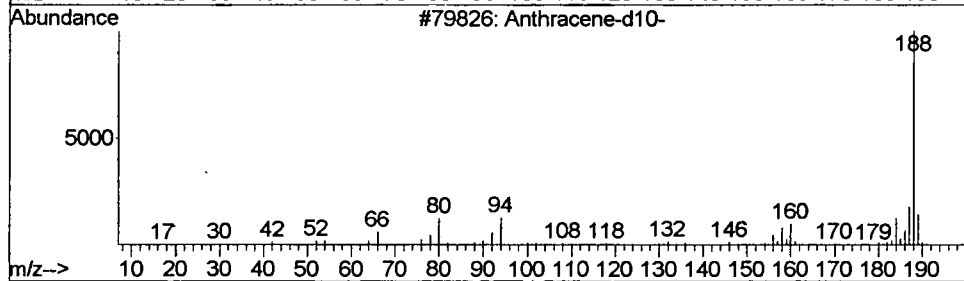
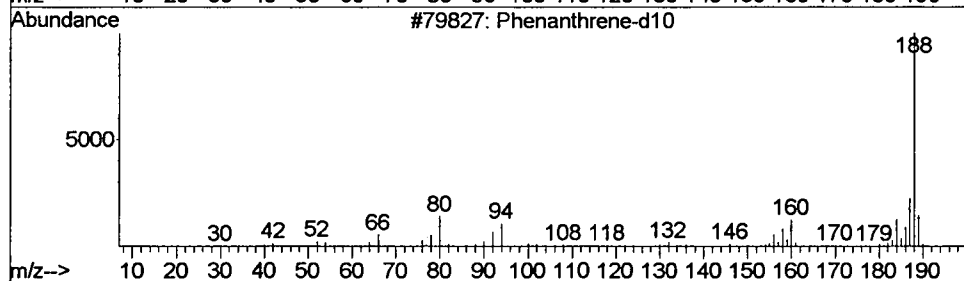
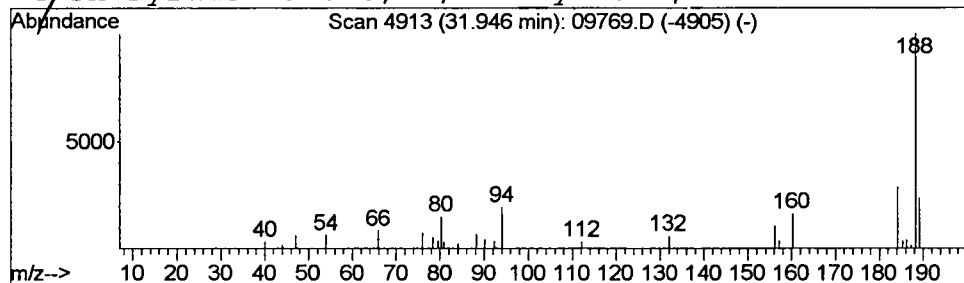
Vial: 16
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 6 Phenanthrene-d10 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.95	0.36 ug/l	40977	Phenanthrene-d10	31.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
✓ 1	Phenanthrene-d10	188	C14D10	001517-22-2	59
2	Anthracene-d10-	188	C14D10	001719-06-8	50
3	1,4-Naphthalenedione, 2-hydroxy-...	188	C11H8O3	000483-55-6	38
4	3H-Pyrazol-3-one, 2,4-dihydro-4,...	188	C11H12N2O	017694-06-3	37



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 8 May 2002 2:55 am
Data File: C:\MSDCHEM\1\DATA\020507\09769.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
✓ Acetonitrile, dic...	3.65	0.5	ug/l	40182	1	11.38	3303120	40.0
✓ 2-Propanone, 1,1,...	6.13	0.7	ug/l	59501	1	11.38	3303120	40.0
✓ 2-Pentanone, 4-hy...	6.16	12.9	ug/l	1062720	1	11.38	3303120	40.0
✓ Cyclopentasiloxan...	15.46	5.1	ug/l	526710	2	16.53	4153170	40.0
Bitescanate	31.08	0.3	ug/l	37310	4	31.72	4616490	40.0
✓ Phenanthrene-d10	31.95	0.4	ug/l	40977	4	31.72	4616490	40.0