

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/14/2002 Time: 14:27:25

Sample: AE10025
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/14/02 14:26 Ended: 5/14/02 14:26 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Quantity	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		78		10.0

Comments for Sample AE10025 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-14-2002 Time: 14:27:32

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

Data File : C:\MSDCHEM\1\DATA\020507\10025.D

Vial: 24

Acq On : 8 May 2002 10:47 am

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: lscint.e

Quant Time: May 09 09:52:25 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	517791	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1947290	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	1043517	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1776338	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	1486858	40.00	ug/l	-0.05
44) Perylene-d12	43.16	264	1047273	40.00	ug/l	-0.02

System Monitoring Compounds

27) TCMX	27.54	207	64601	7.75	ug/l	-0.04
Spiked Amount	10.000		Recovery	=	77.50%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
35) Di-n-butylphthalate	34.80	149	11387	0.20	ug/l	89
43) Bis(2-ethylhexyl)phthalate	40.52	149	123129	3.87	ug/l	96

 (#) = qualifier out of range (m) = manual integration (+) = signals summed
 10025.D SCAN020507.M Thu May 09 09:53:49 2002 Page 1

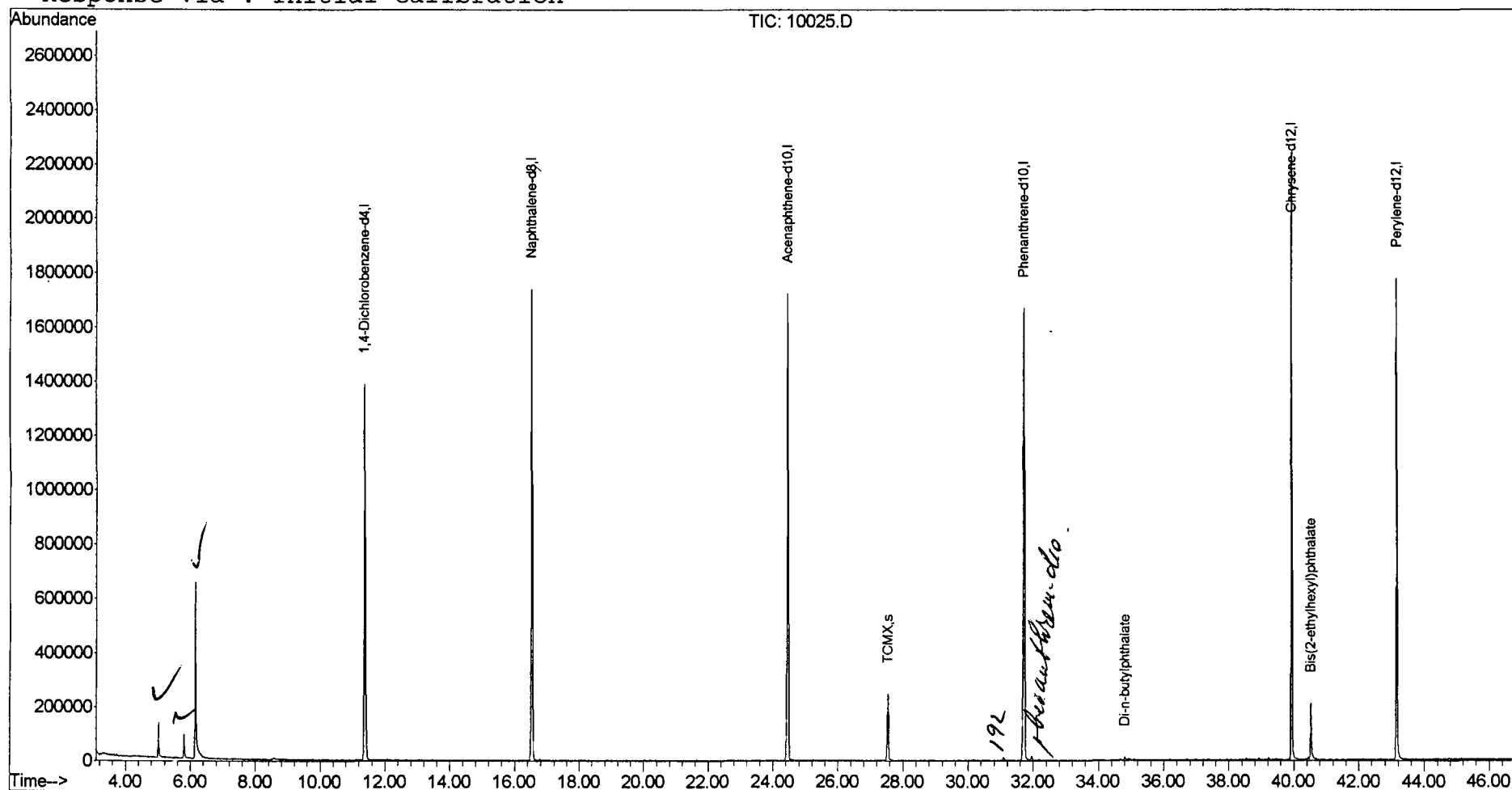
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020507\10025.D
 Acq On : 8 May 2002 10:47 am
 Sample : sample
 Misc :
 MS Integration Params: lscint.e
 Quant Time: May 9 9:53 2002

Vial: 24
 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 : Thu May 09 09:21:01 2002
 Response via : Initial Calibration



Data File : C:\MSDCHEM\1\DATA\020507\10025.D

Acq On : 8 May 2002 10:47 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 24

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

Title : Method 508 GC/MS Scan

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 0.7 % 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

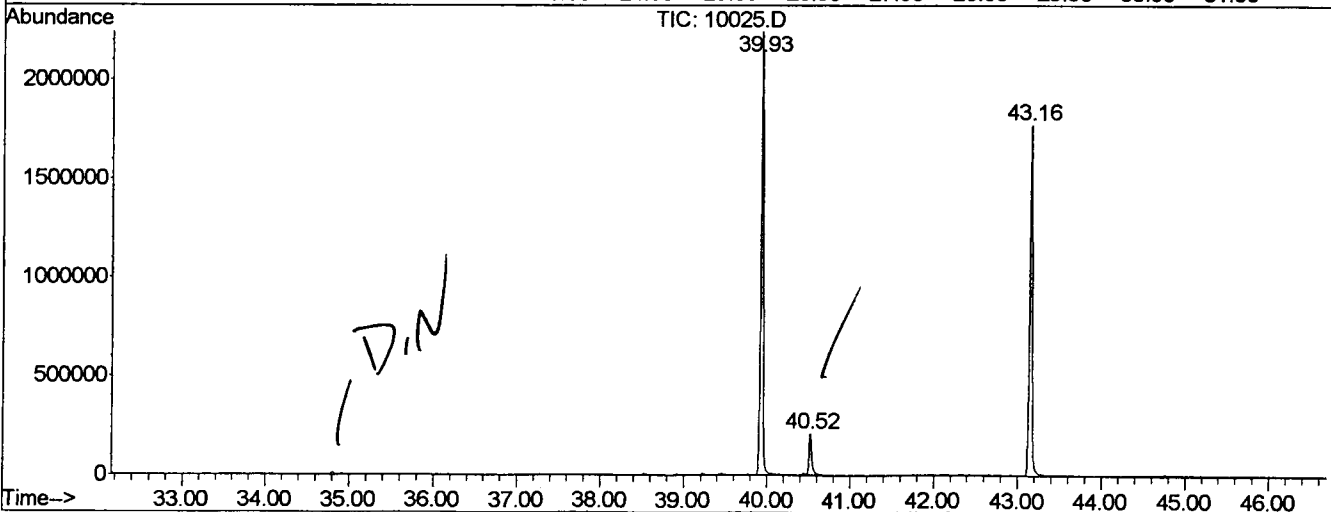
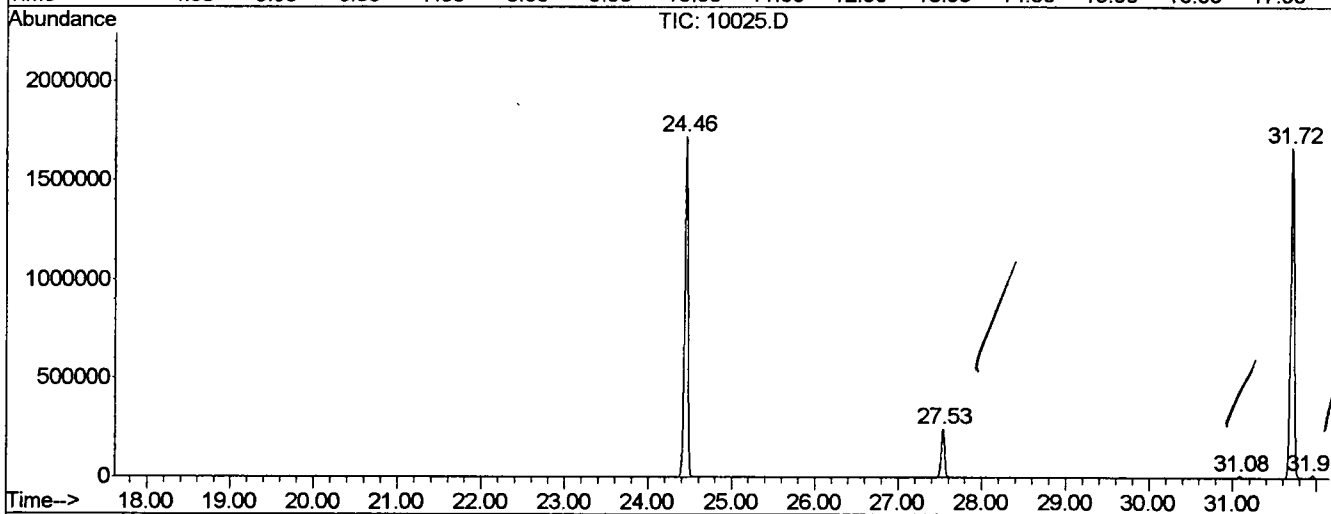
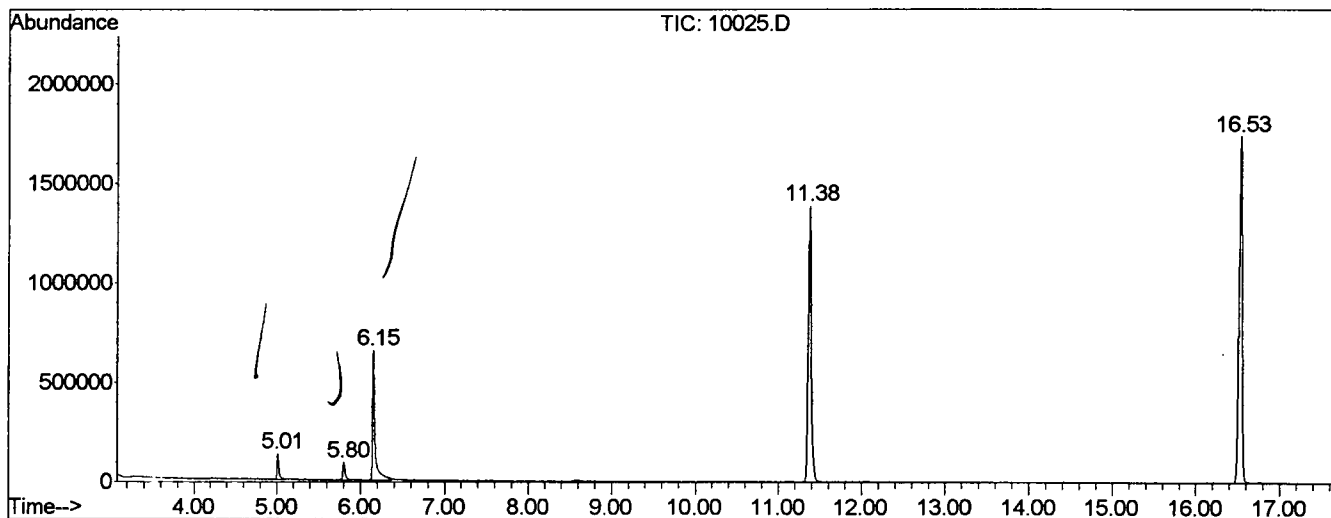
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.012	323	329	346	rBV	129613	219311	4.37%	0.757%
2	5.800	458	463	478	rVB2	88257	165591	3.30%	0.572%
3	6.152	513	523	560	rBV	651377	1352395	26.95%	4.668%
4	11.376	1399	1412	1429	rBV	1385441	3580301	71.34%	12.358%
5	16.534	2276	2290	2308	rBV	1737487	4478411	89.23%	15.458%
6	24.461	3620	3639	3651	rBV	1721670	4671653	93.08%	16.125%
7	27.533	4149	4162	4176	rBV4	246372	683348	13.62%	2.359%
8	31.076	4759	4765	4778	rBV5	11716	36290	0.72%	0.125%
9	31.717	4858	4874	4891	rBV2	1668514	5018828	100.00%	17.324%
10	31.952	4906	4914	4923	rBV2	16147	43989	0.88%	0.152%
11	39.931	6261	6272	6293	rBV2	2241349	4581629	91.29%	15.814%
12	40.518	6365	6372	6394	rVB2	206439	466358	9.29%	1.610%
13	43.157	6807	6821	6844	rBV	1773368	3673030	73.19%	12.678%

Sum of corrected areas: 28971134

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020507\10025.D
 Operator : Nefliu
 Acquired : 8 May 2002 10:47 am using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 24
 Quant File :SCAN020507.RES (RTE Integrator)



Data File : C:\MSDCHEM\1\DATA\020507\10025.D
 Acq On : 8 May 2002 10:47 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

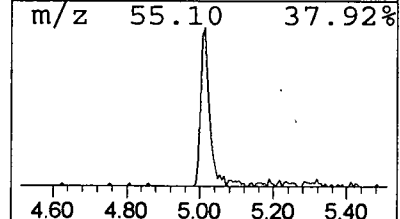
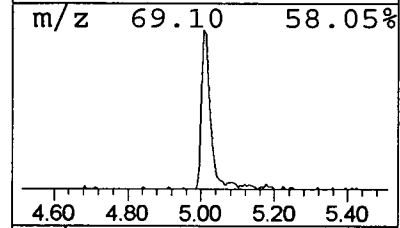
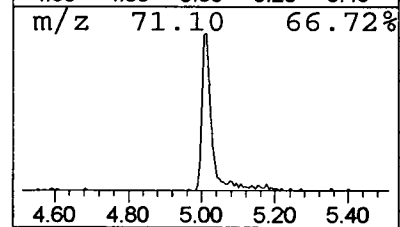
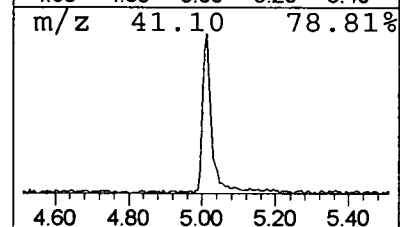
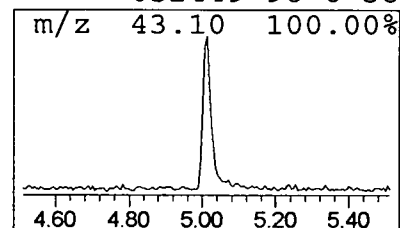
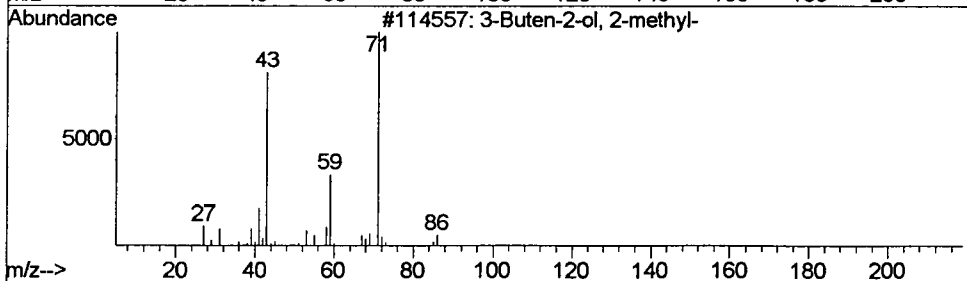
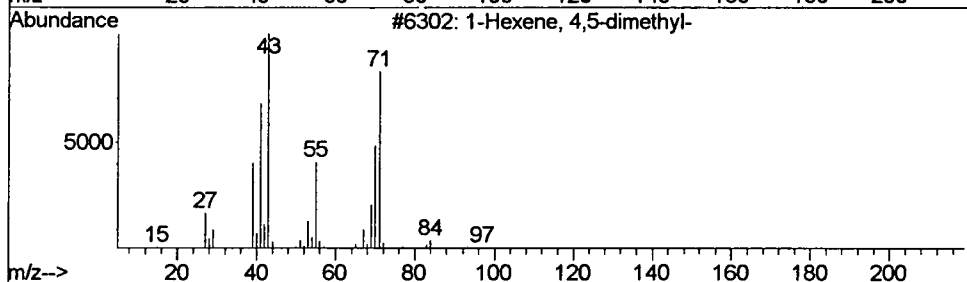
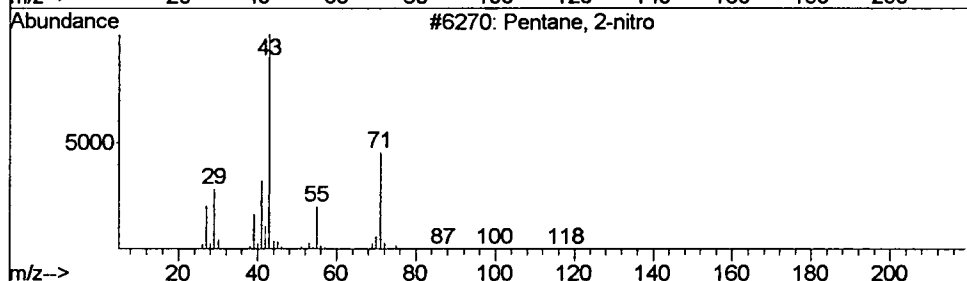
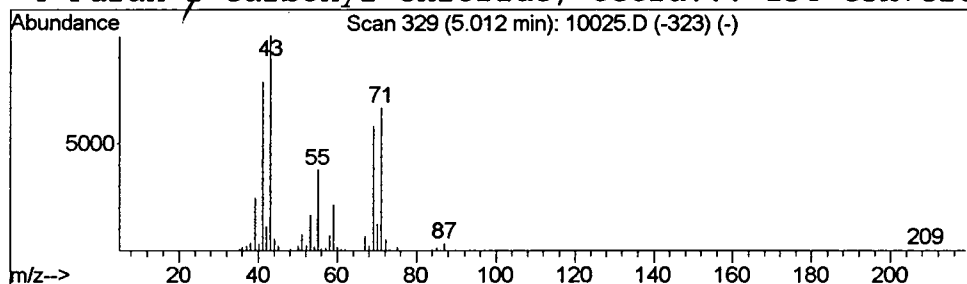
Vial: 24
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 1 Pentane, 2-nitro Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	2.45 ug/l	219311	1,4-Dichlorobenzene-d4	11.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2-nitro	117	C5H11NO2	1000196-88-0	53
2		1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	53
3		3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	40
4		Furan-2-carbonyl chloride, tetra...	134	C5H7ClO2	052449-98-6	38



Data File : C:\MSDCHEM\1\DATA\020507\10025.D
Acq On : 8 May 2002 10:47 am
Sample : sample
Misc :
MS Integration Params: rteint.e

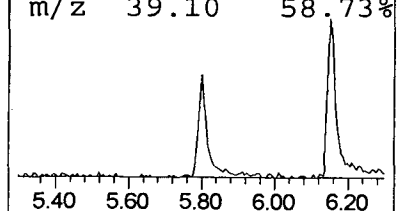
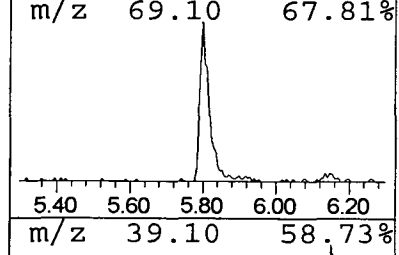
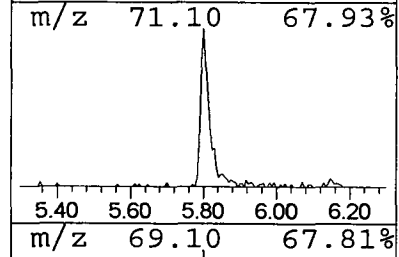
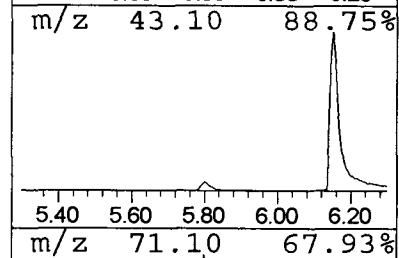
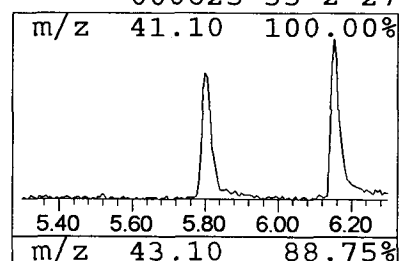
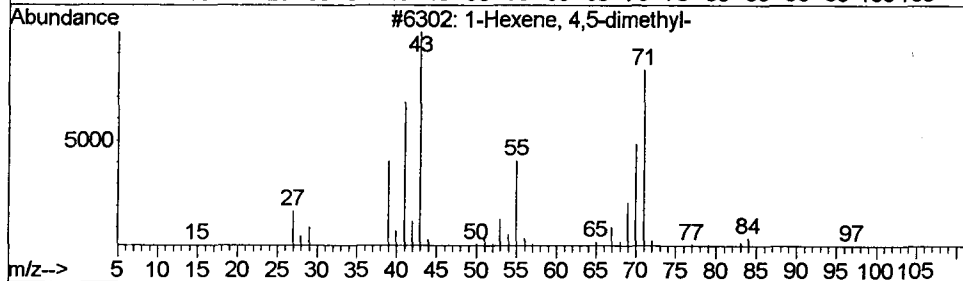
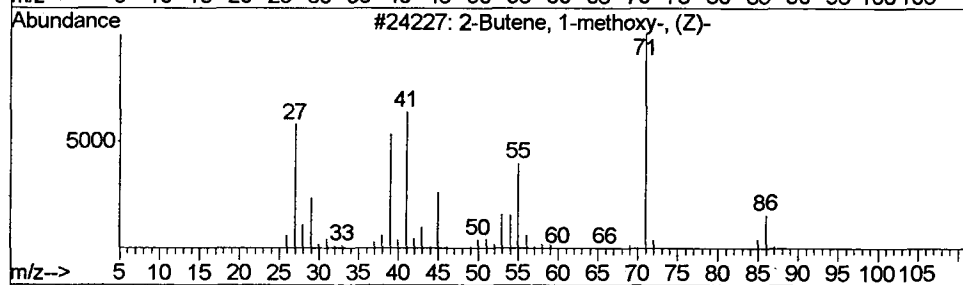
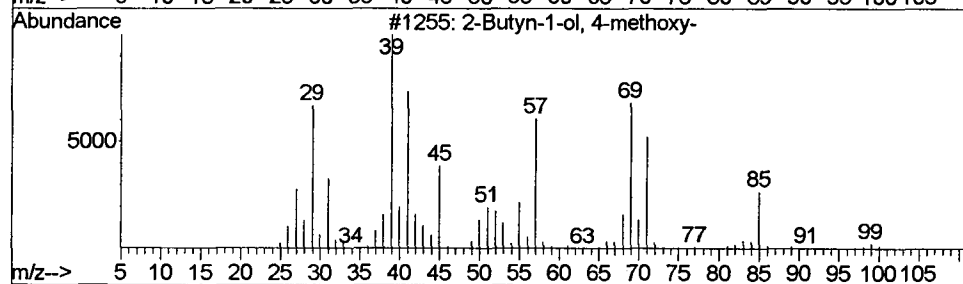
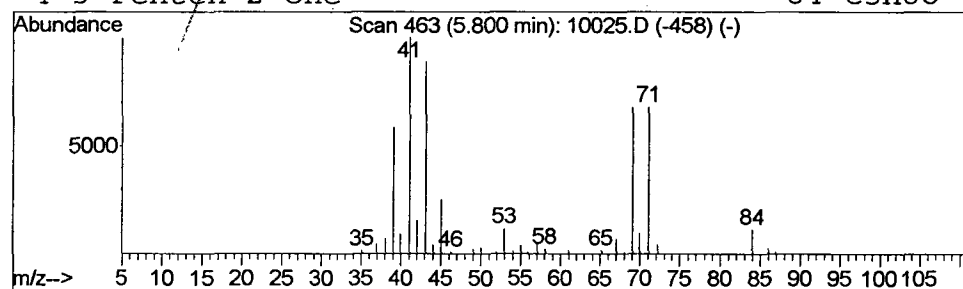
Vial: 24
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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-Butyn-1-ol, 4-methoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.80	1.85 ug/l	165591	1,4-Dichlorobenzene-d4	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Butyn-1-ol, 4-methoxy-	100	C5H8O2	018857-03-9	40
2		2-Butene, 1-methoxy-, (Z)-	86	C5H10O	010034-16-9	38
3		1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	32
4		3-Penten-2-one	84	C5H8O	000625-33-2	27



Data File : C:\MSDCHEM\1\DATA\020507\10025.D
 Acq On : 8 May 2002 10:47 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

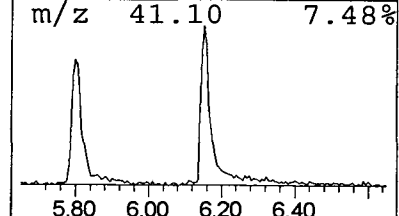
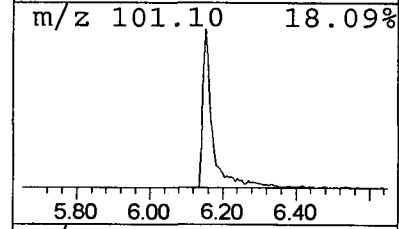
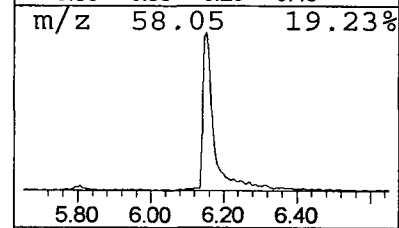
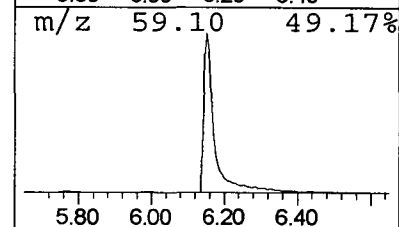
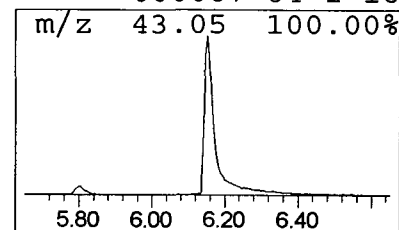
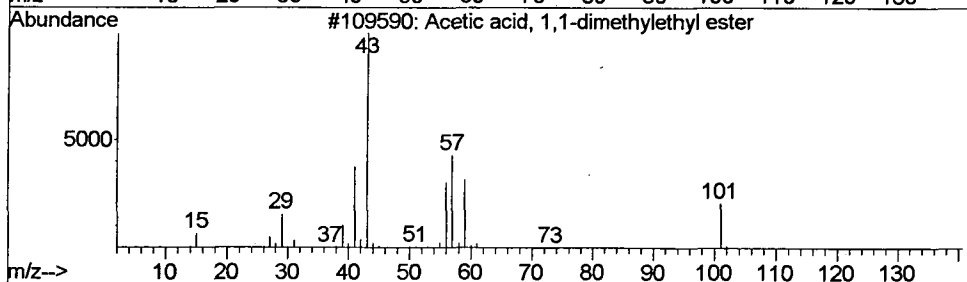
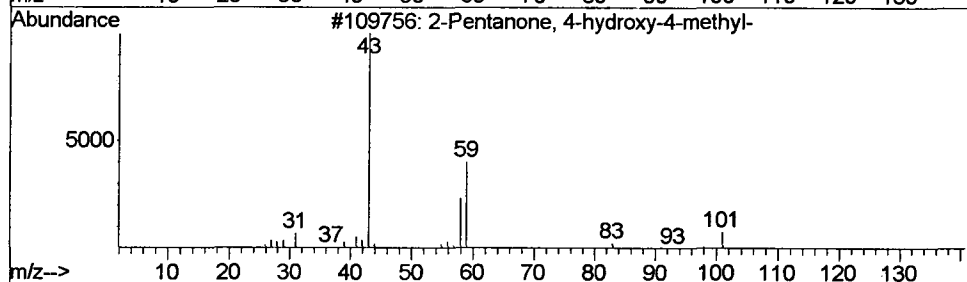
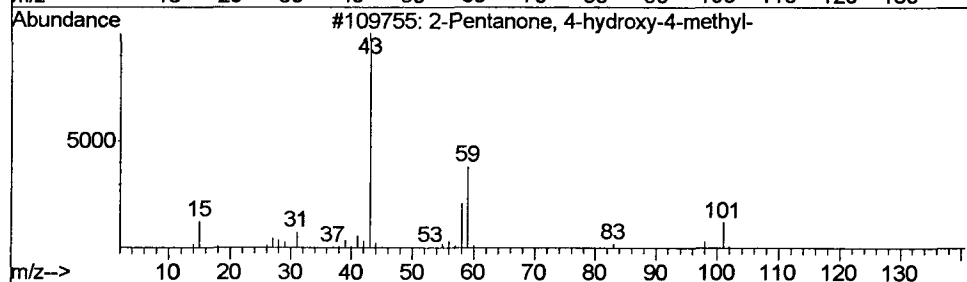
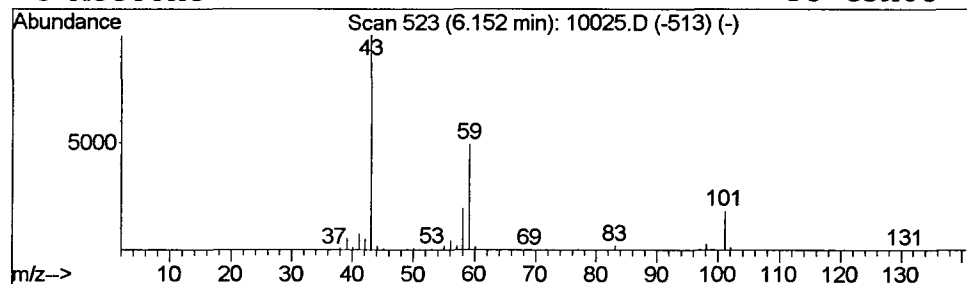
Vial: 24
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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.
6.15	15.11 ug/l	1352400	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	45
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
3		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25
4		Acetone	58	C3H6O	000067-64-1	16



Data File : C:\MSDCHEM\1\DATA\020507\10025.D
Acq On : 8 May 2002 10:47 am
Sample : sample
Misc :
MS Integration Params: rteint.e

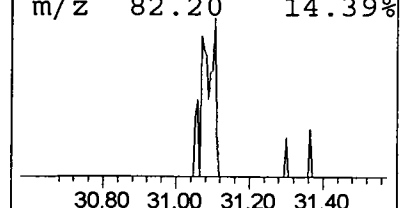
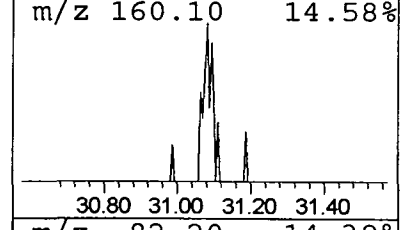
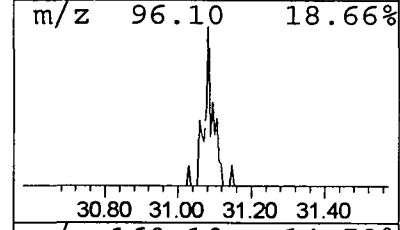
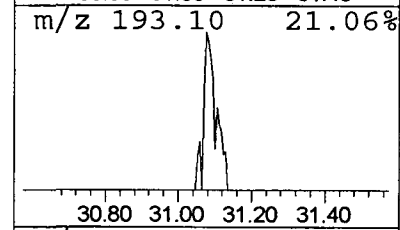
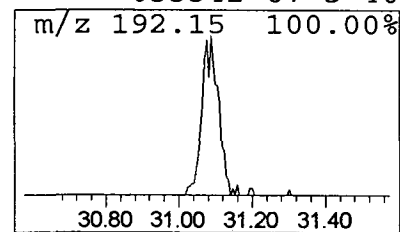
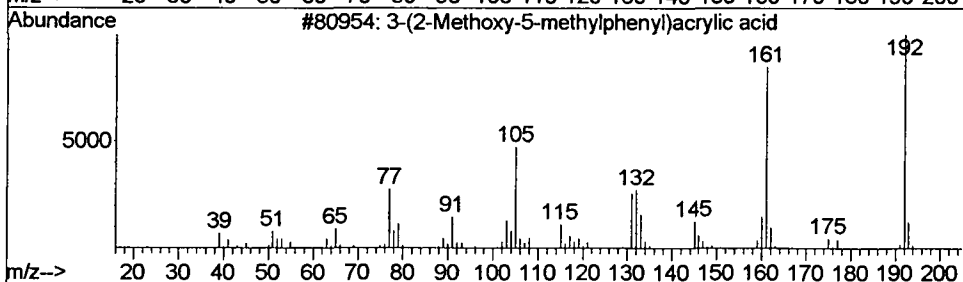
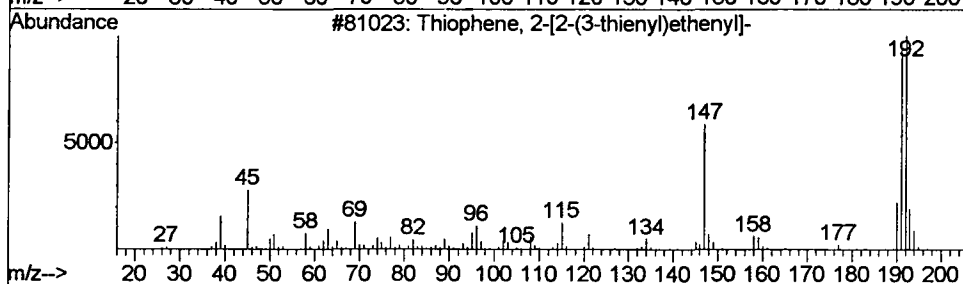
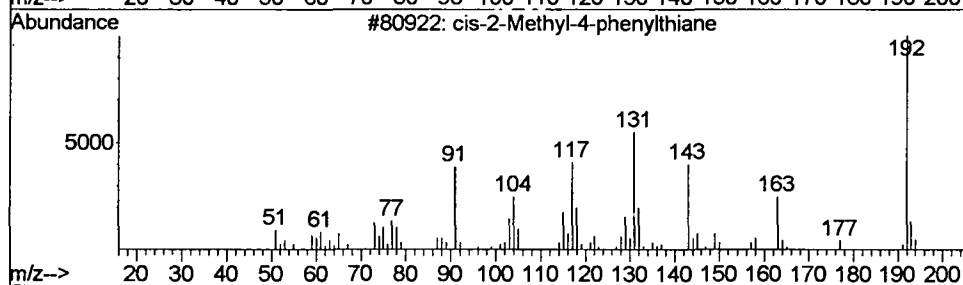
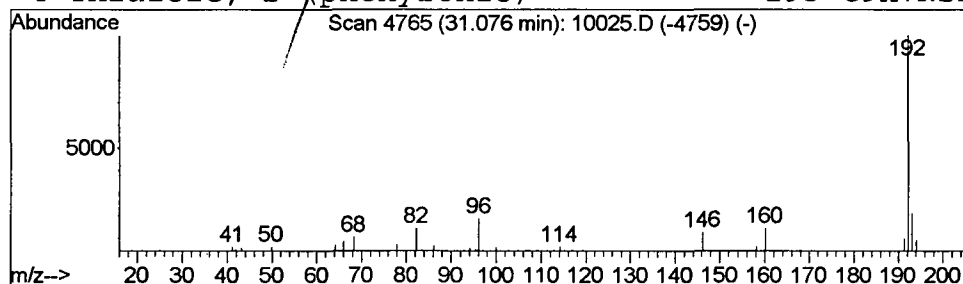
Vial: 24
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 4 cis-2-Methyl-4-phenylthiane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.08	0.29 ug/l	36290	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-2-Methyl-4-phenylthiane	192	C12H16S	076097-69-3	50
2			Thiophene, 2-[2-(3-thienyl)ethen...	192	C10H8S2	116854-09-2	42
3			3-(2-Methoxy-5-methylphenyl)acry...	192	C11H12O3	103986-76-1	40
4			Thiazole, 2-(phenylthio)-	193	C9H7NS2	033342-67-5	40



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Misc :
MS Integration Params: rteint.e

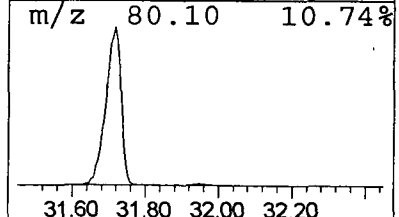
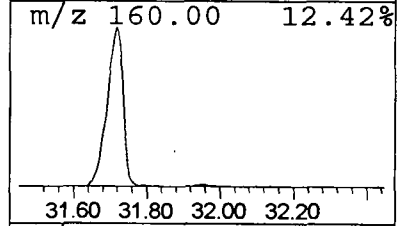
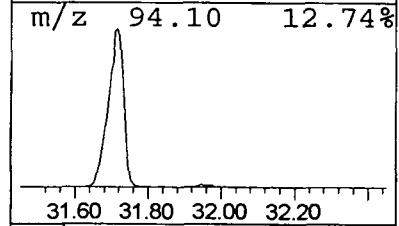
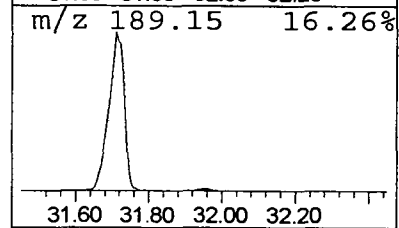
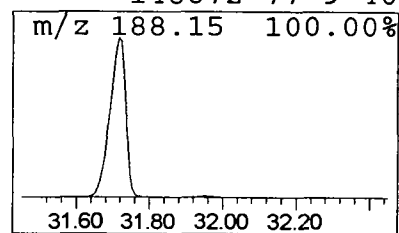
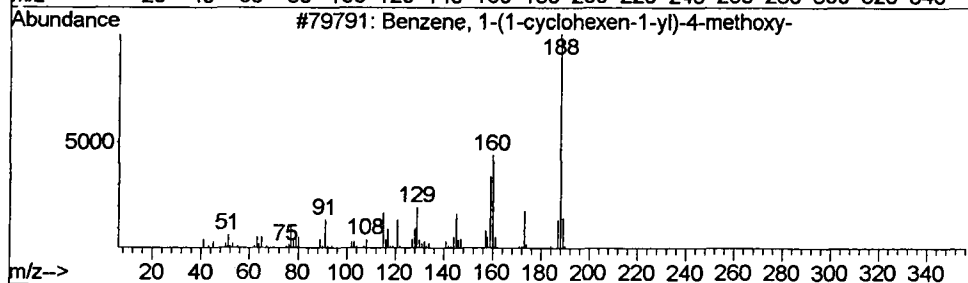
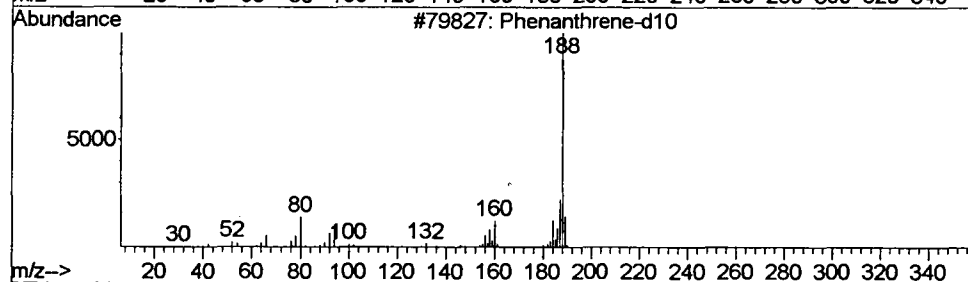
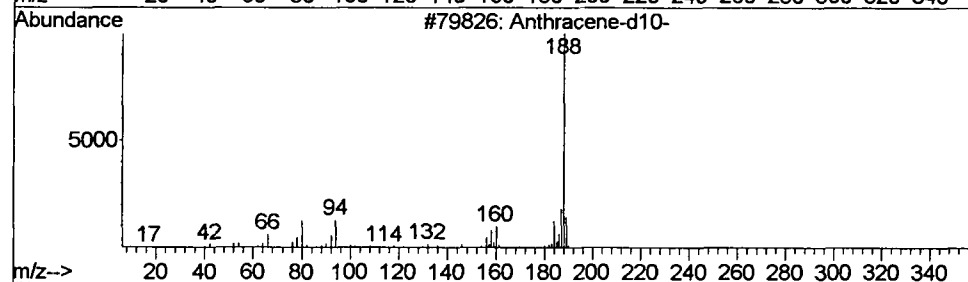
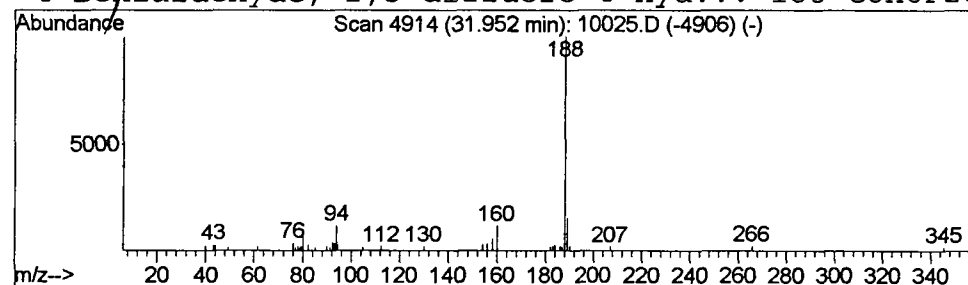
Vial: 24
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 5 Anthracene-d10- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.95	0.35 ug/l	43989	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene-d10-	188	C14D10	001719-06-8	86
✓2			Phenanthrene-d10	188	C14D10	001517-22-2	72
3			Benzene, 1-(1-cyclohexen-1-yl)-4...	188	C13H16O	020758-60-5	45
4			Benzaldehyde, 2,5-difluoro-4-hyd...	188	C8H6F2O3	148872-77-9	40



Operator ID: Nefliu Date Acquired: 8 May 2002 10:47 am
Data File: C:\MSDCHEM\1\DATA\020507\10025.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
3-Buten-2-ol, 2-methyl- Pentane, 2-nitro	5.01	2.5	ug/l	219311	1	11.38	3580300	40.0
2-Butyn-1-ol, 4-m...	5.80	1.9	ug/l	165591	1	11.38	3580300	40.0
✓ 2-Pentanone, 4-hy...	6.15	15.1	ug/l	1352400	1	11.38	3580300	40.0
cis-2-Methyl-4-ph...	31.08	0.3	ug/l	36290	4	31.72	5018830	40.0
Anthracene-d10- Phenanthrene-d10	31.95	0.4	ug/l	43989	4	31.72	5018830	40.0