

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/14/2002 Time: 14:21:34

Sample: AE10021
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/14/02 14:21 Ended: 5/14/02 14:21 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		83		10.0

Comments for Sample AE10021 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-14-2002 Time: 14:21:49

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

Data File : C:\MSDCHEM\1\DATA\020507\10021.D

Vial: 20

Acq On : 8 May 2002 6:51 am

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: lscint.e

Quant Time: May 09 09:46:10 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	529336	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1988192	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	1070131	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1842441	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	1489071	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	1009421	40.00	ug/l	-0.03

System Monitoring Compounds

27) TCMX	27.54	207	70749	8.28	ug/l	-0.04
Spiked Amount	10.000		Recovery	=	82.80%	

Target Compounds

43) Bis(2-ethylhexyl)phthalate	40.52	149	62494	1.96	ug/l	Qvalue 98
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(#) = qualifier out of range (m) = manual integration (+) = signals summed
10021.D SCAN020507.M Thu May 09 09:48:01 2002 Page 1

Quantitation Report

(QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020507\10021.D

Vial: 20

Acq On : 8 May 2002 6:51 am

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: lscint.e

Quant Time: May 9 9:47 2002

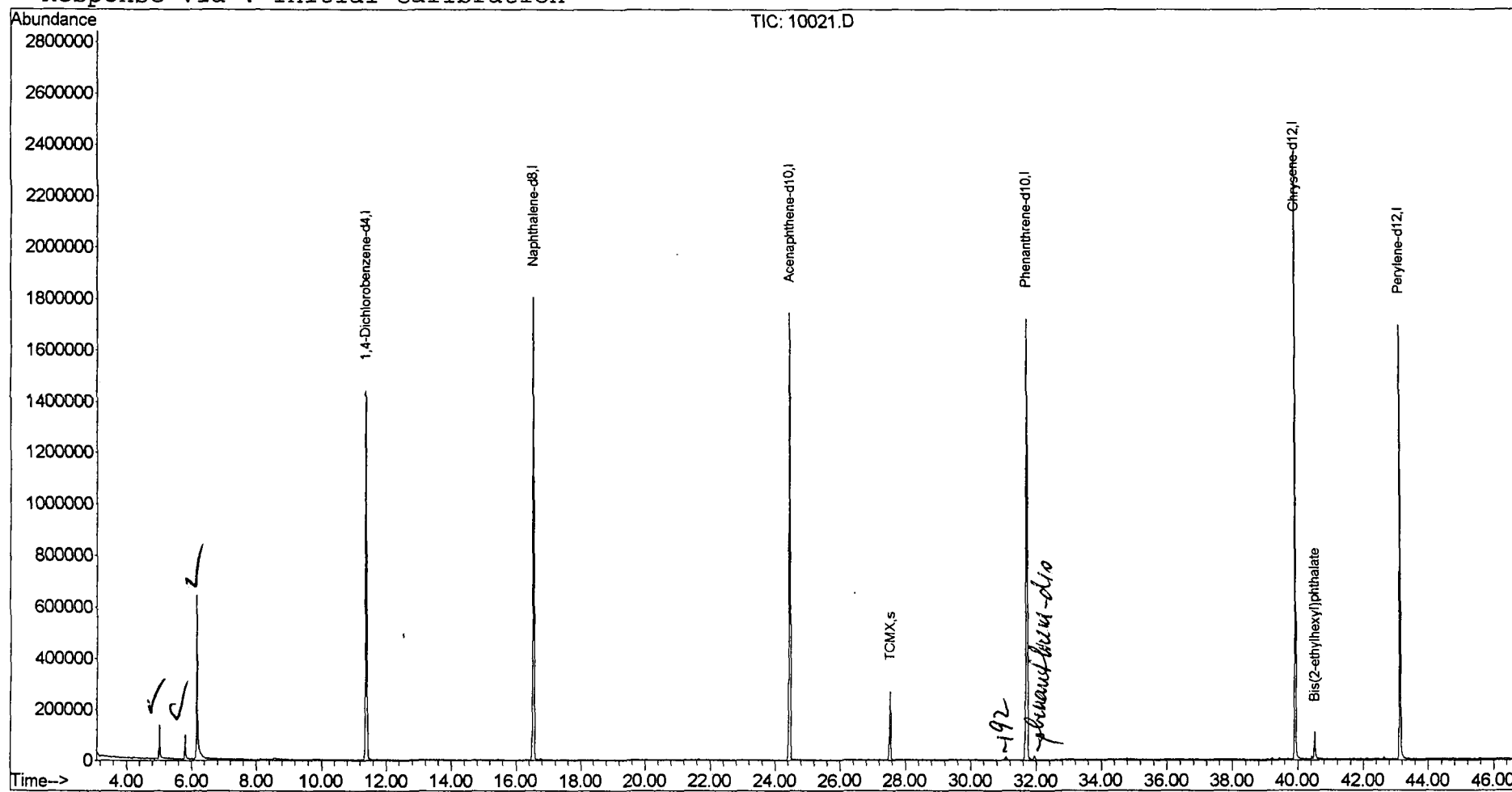
Quant Results File: SCAN020507.RES

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



10021.D SCAN020507.M

Thu May 09 09:48:01 2002

Page 2

Data File : C:\MSDCHEM\1\DATA\020507\10021.D

Acq On : 8 May 2002 6:51 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 20

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

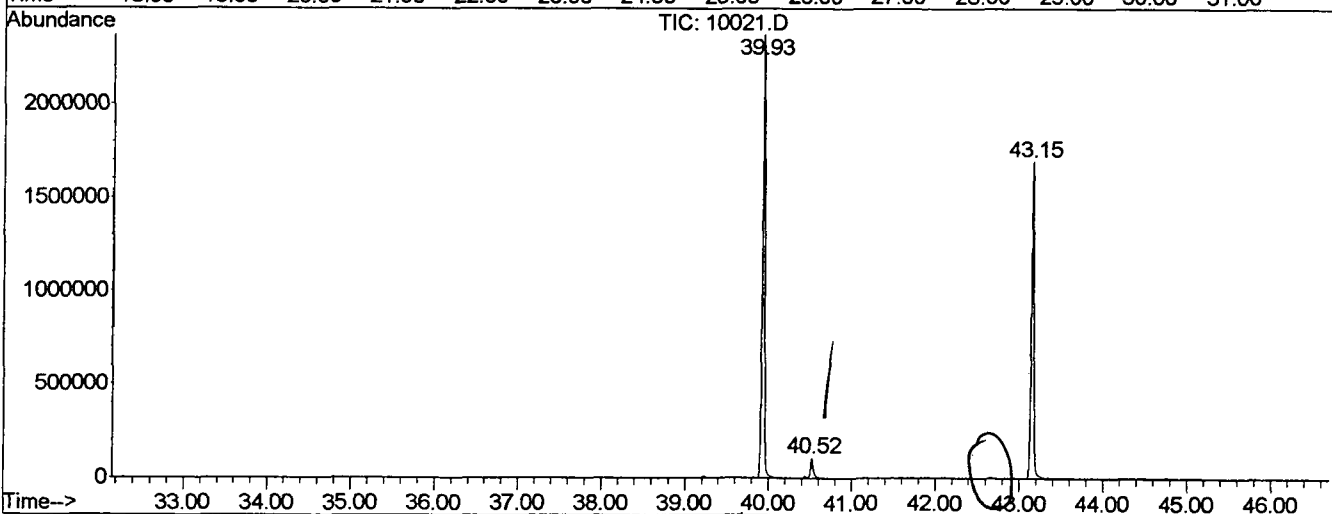
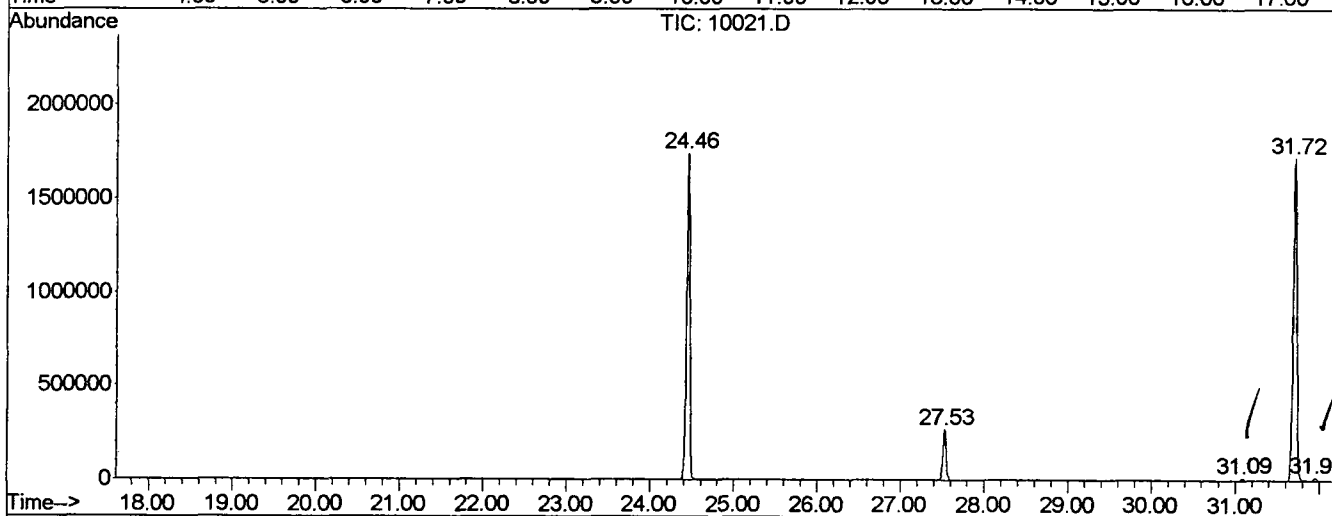
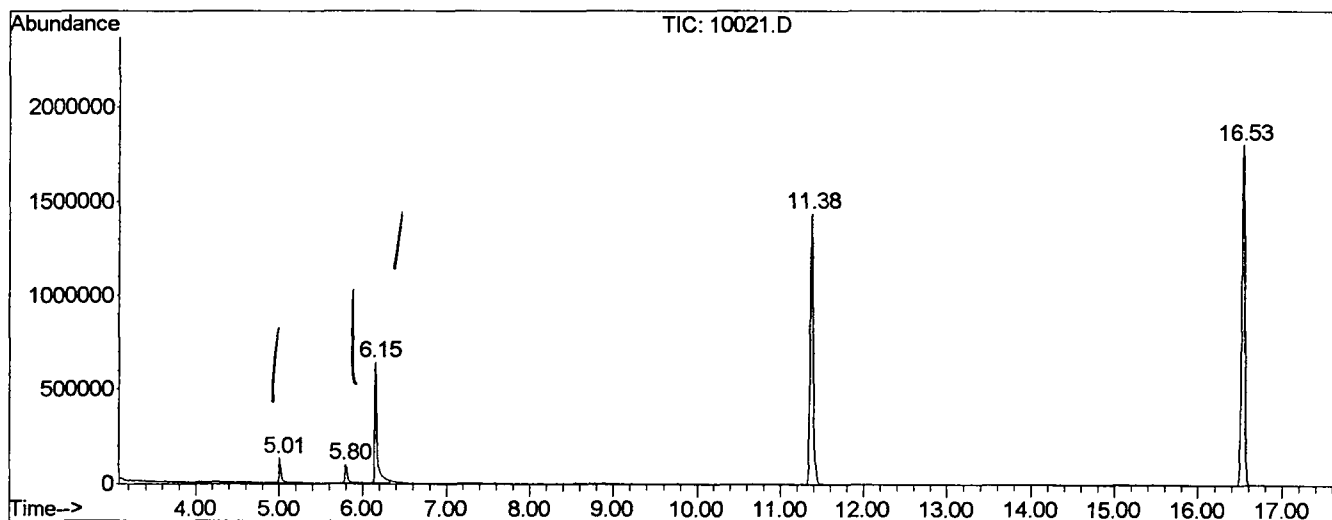
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.006	324	328	346	rBV	130509	227131	4.39%	0.779%
2	5.800	457	463	477	rBV	95513	182321	3.53%	0.625%
3	6.152	513	523	553	rBV	640375	1336655	25.86%	4.582%
4	11.376	1398	1412	1431	rBV	1435917	3690836	71.42%	12.652%
5	16.534	2273	2290	2305	rBV	1801346	4592825	88.87%	15.744%
6	24.461	3622	3639	3658	rBV2	1740404	4793081	92.75%	16.431%
7	27.533	4147	4162	4174	rBV3	268146	723612	14.00%	2.481%
8	31.088	4754	4767	4777	rBV4	12717	40482	0.78%	0.139%
9	31.723	4856	4875	4889	rBV2	1719510	5167946	100.00%	17.716%
10	31.946	4906	4913	4924	rVB3	15189	47744	0.92%	0.164%
11	39.931	6262	6272	6290	rBV2	2366932	4566743	88.37%	15.655%
12	40.518	6365	6372	6388	rVB2	103487	246641	4.77%	0.845%
13	43.151	6809	6820	6842	rBV2	1691680	3555558	68.80%	12.188%

Sum of corrected areas: 29171575

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020507\10021.D
 Operator : Nefliu
 Acquired : 8 May 2002 6:51 am using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 20
 Quant File :SCAN020507.RES (RTE Integrator)



Data File : C:\MSDCHEM\1\DATA\020507\10021.D
 Acq On : 8 May 2002 6:51 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

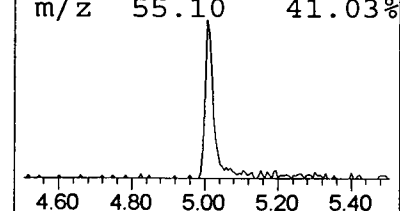
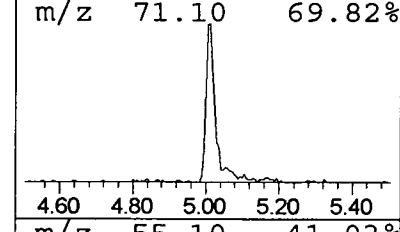
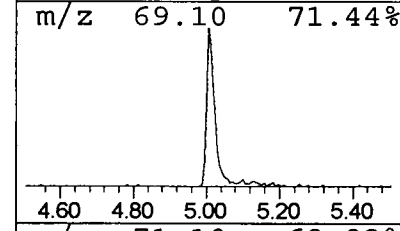
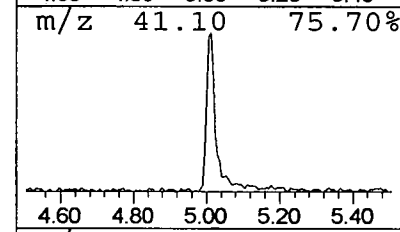
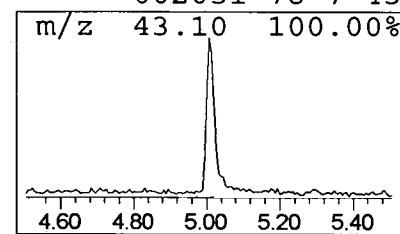
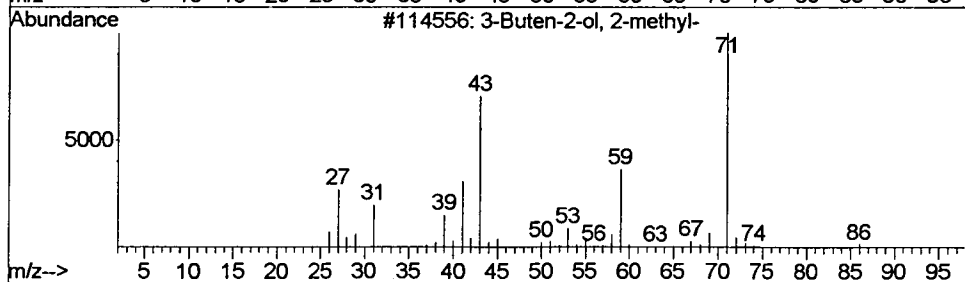
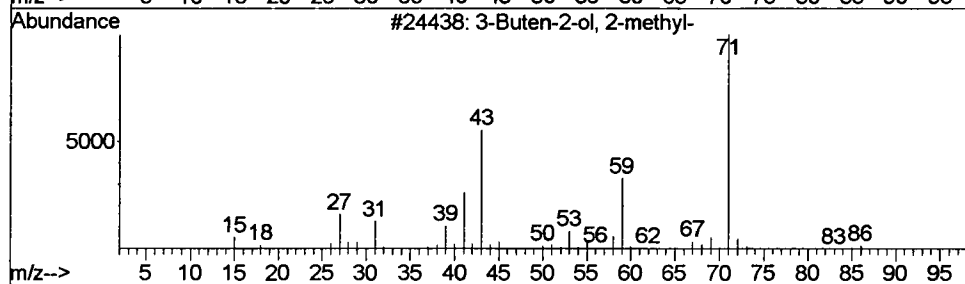
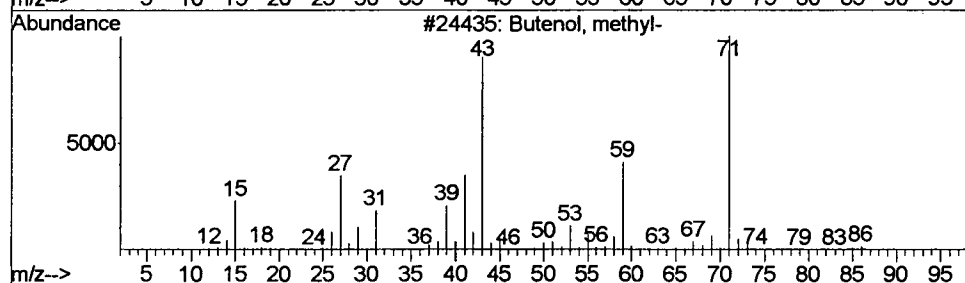
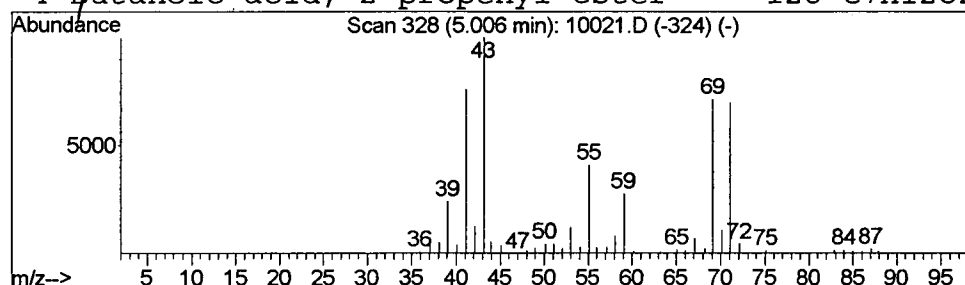
Vial: 20
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 1 Butenol, methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	2.46 ug/l	227131	1,4-Dichlorobenzene-d4	11.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	✓	Butenol, methyl-	86	C5H10O	060766-00-9	58
2	✓	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	58
3	✓	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	53
4	✓	Butanoic acid, 2-propenyl ester	128	C7H12O2	002051-78-7	43



Data File : C:\MSDCHEM\1\DATA\020507\10021.D
 Acq On : 8 May 2002 6:51 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

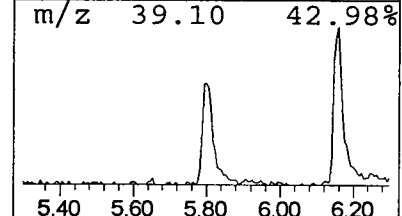
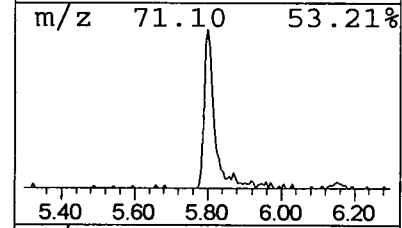
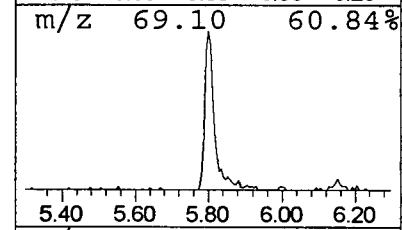
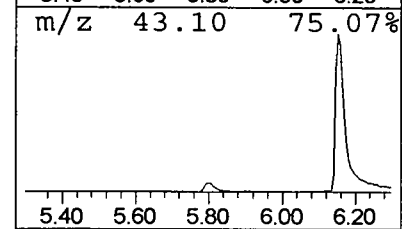
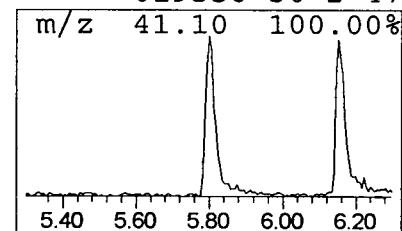
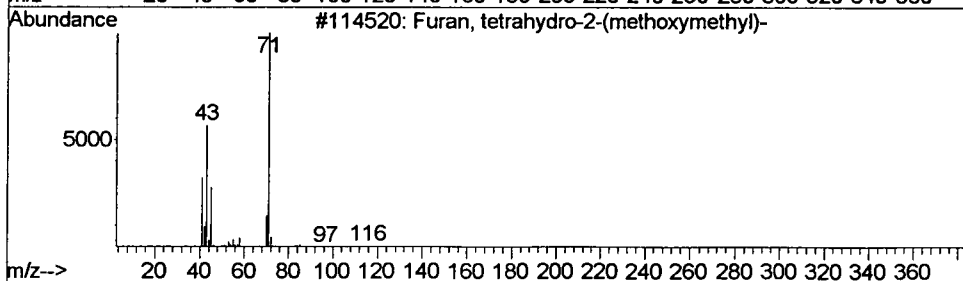
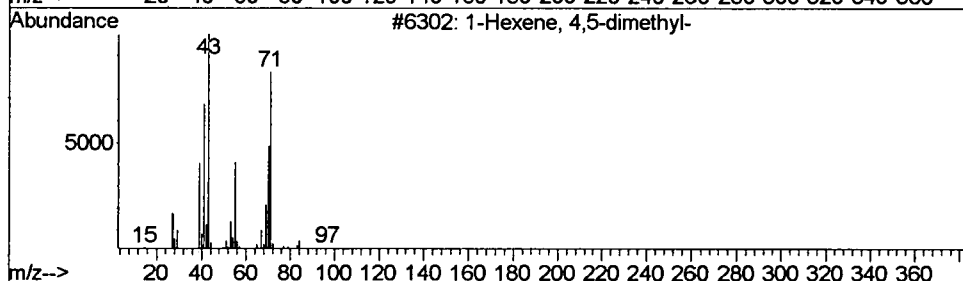
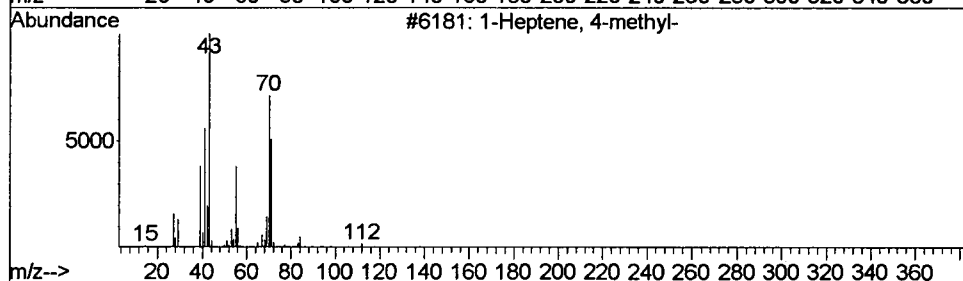
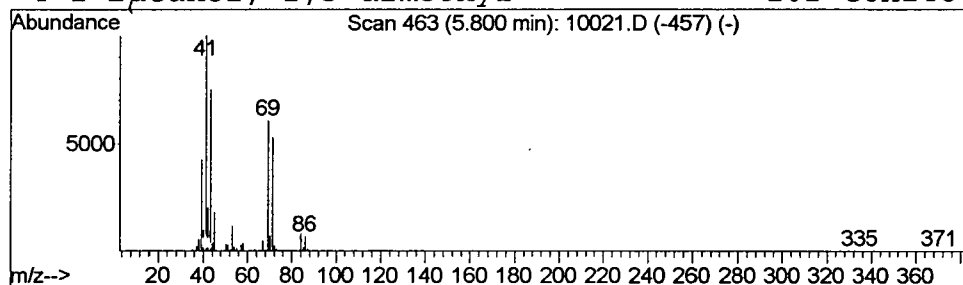
Vial: 20
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 2 1-Heptene, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.80	1.98 ug/l	182321	1,4-Dichlorobenzene-d4	11.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptene, 4-methyl-	112	C8H16	013151-05-8	64	
2	1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	50	
3	Furan, tetrahydro-2-(methoxymeth...	116	C6H12O2	019354-27-9	50	
4	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	47	



Data File : C:\MSDCHEM\1\DATA\020507\10021.D
 Acq On : 8 May 2002 6:51 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

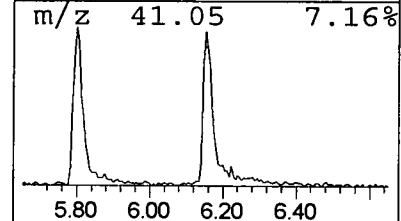
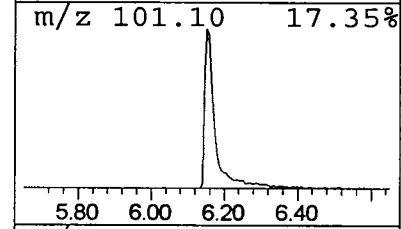
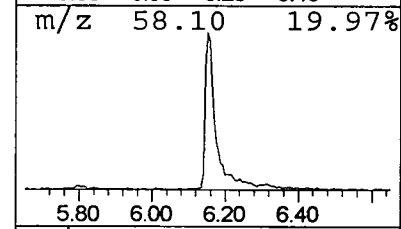
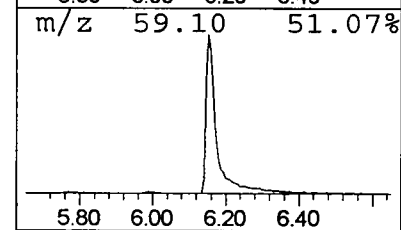
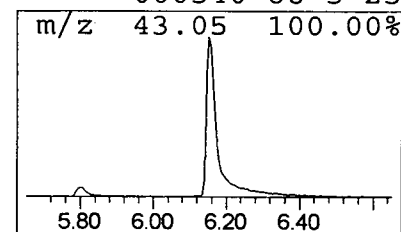
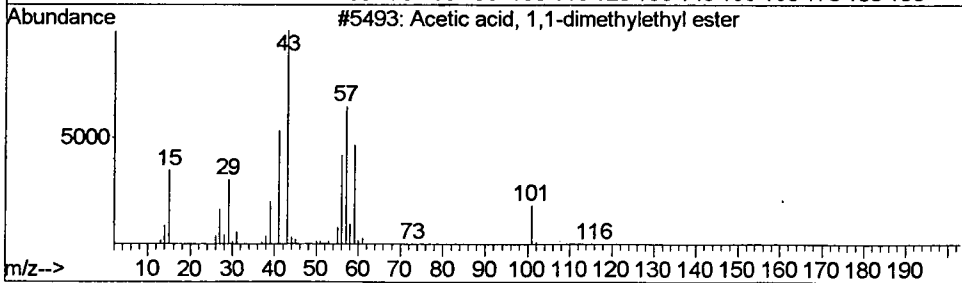
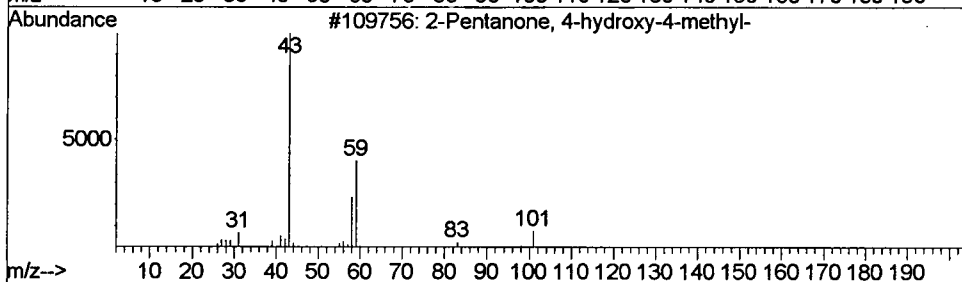
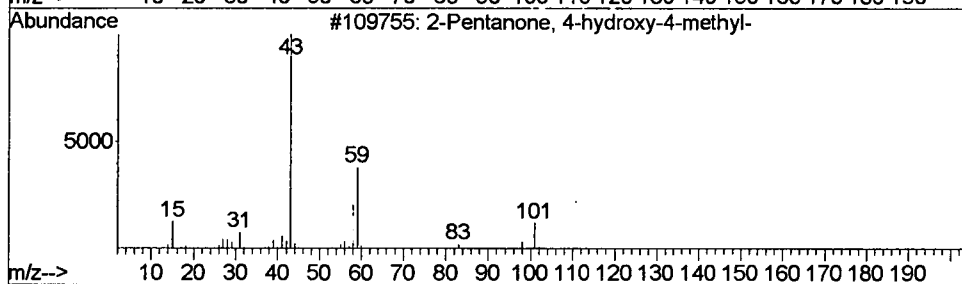
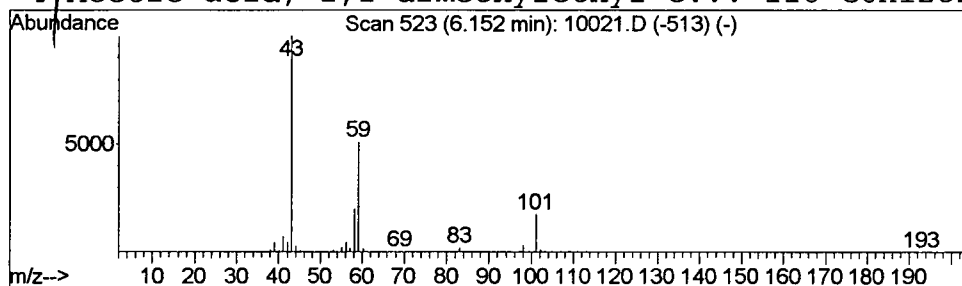
Vial: 20
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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	14.49 ug/l	1336660	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	42
3			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
4			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25



Data File : C:\MSDCHEM\1\DATA\020507\10021.D
 Acq On : 8 May 2002 6:51 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

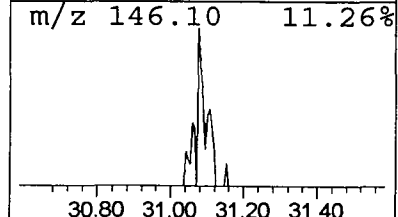
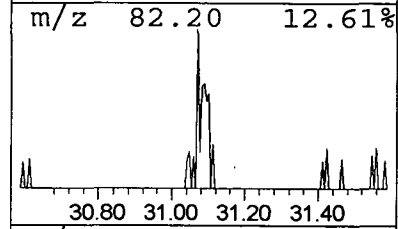
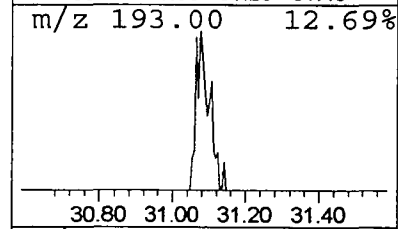
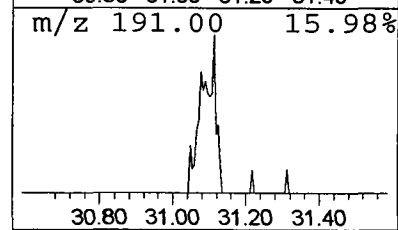
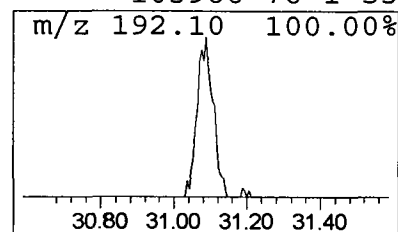
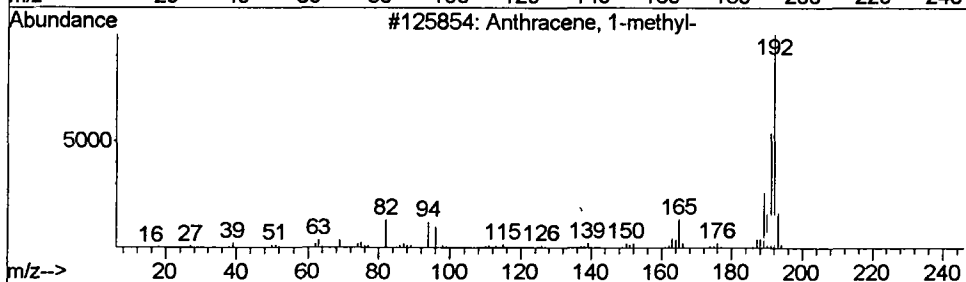
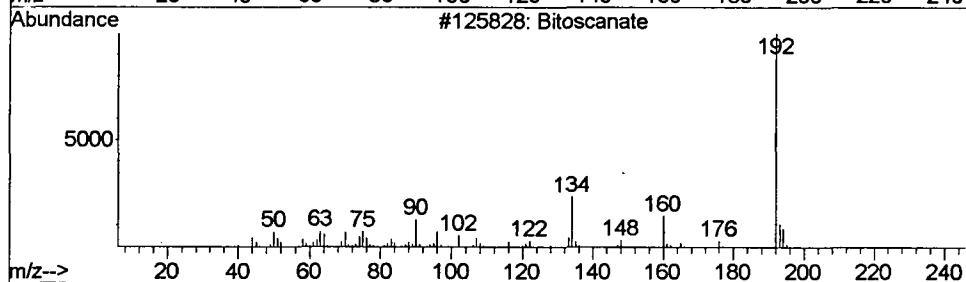
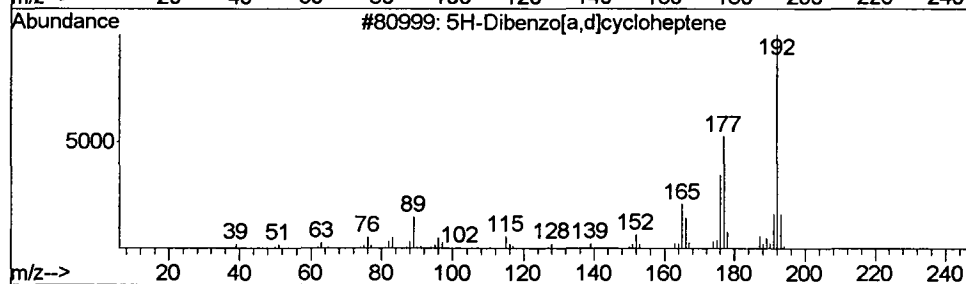
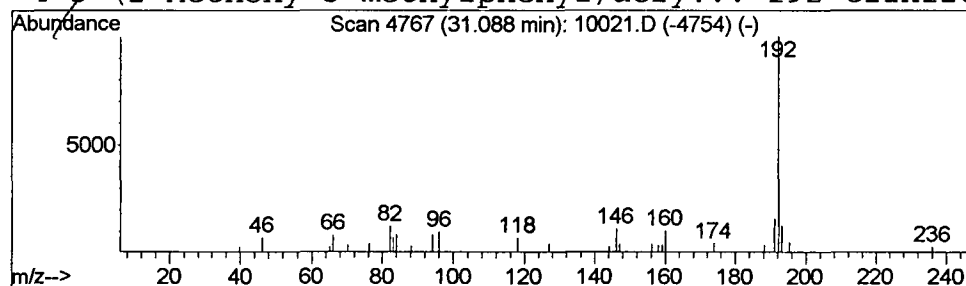
Vial: 20
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 4 5H-Dibenzo[a,d]cycloheptene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.31 ug/l	40482	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	64	
2	Bitoscanate	192	C8H4N2S2	004044-65-9	59	
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	53	
4	3-(2-Methoxy-5-methylphenyl)acry...	192	C11H12O3	103986-76-1	53	



Data File : C:\MSDCHEM\1\DATA\020507\10021.D

Acq On : 8 May 2002 6:51 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 20

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

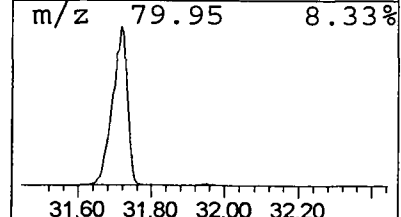
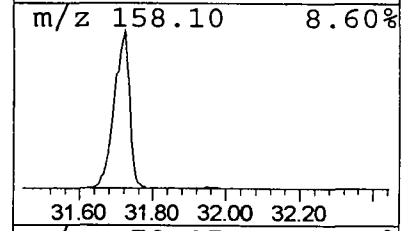
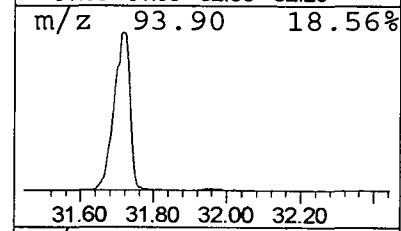
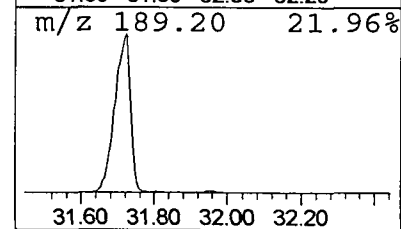
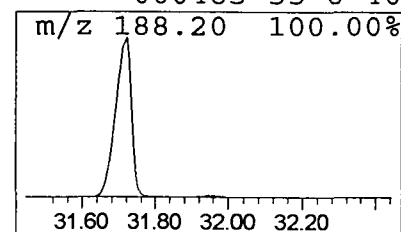
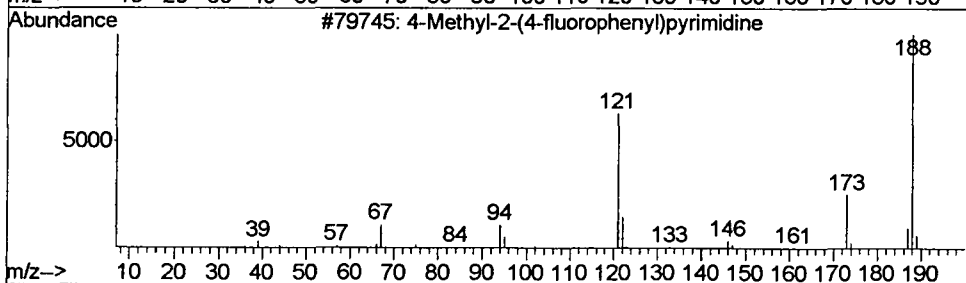
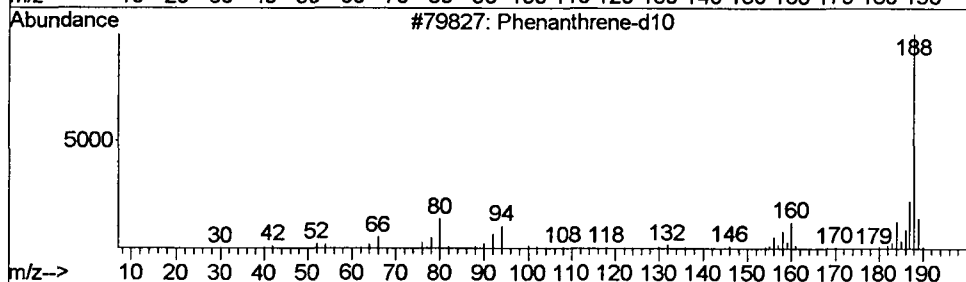
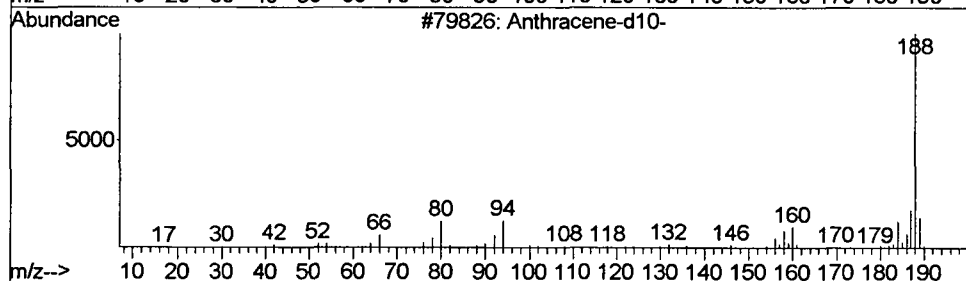
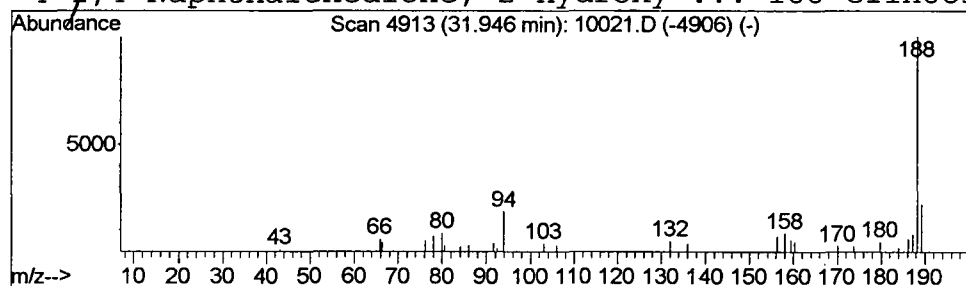
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.l

Peak Number 5 Anthracene-d10- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.95	0.37 ug/l	47744	Phenanthrene-d10	31.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene-d10-	188	C14D10	001719-06-8	50
2		Phenanthrene-d10	188	C14D10	001517-22-2	50
3		4-Methyl-2-(4-fluorophenyl)pyrim...	188	C11H9FN2	076128-67-1	40
4		1,4-Naphthalenedione, 2-hydroxy-...	188	C11H8O3	000483-55-6	40



Operator ID: Nefliu Date Acquired: 8 May 2002 6:51 am
 Data File: C:\MSDCHEM\1\DATA\020507\10021.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-Butenol, 2-methyl-	5.01	2.5	ug/l	227131	1	11.38	3690840	40.0
1-Heptene, 4-methyl-	5.80	2.0	ug/l	182321	1	11.38	3690840	40.0
✓ 2-Pentanone, 4-hy...	6.15	14.5	ug/l	1336660	1	11.38	3690840	40.0
5H-Dibenzo[a,d]cy...	31.09	0.3	ug/l	40482	4	31.72	5167950	40.0
Anthracene-d10-	31.95	0.4	ug/l	47744	4	31.72	5167950	40.0
<i>Phenanthrene-d10</i>								