

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 05/14/2002 Time: 14:18:17

Sample: AE10019
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 5/14/02 14:17 Ended: 5/14/02 14:17 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Qualifies	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		76		10.0

Comments for Sample AE10019 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-14-2002 Time: 14:18:28

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

Data File : C:\MSDCHEM\1\DATA\020507\10019.D

Vial: 18

Acq On : 8 May 2002 4:53 am

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: lscint.e

Quant Time: May 09 09:41:16 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	443291	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1671116	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.45	164	883765	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1491224	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	1180933	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	794039	40.00	ug/l	-0.03

System Monitoring Compounds

27) TCMX	27.54	207	53811	7.62	ug/l	-0.04
Spiked Amount	10.000		Recovery	=	76.20%	

Target Compounds

43) Bis(2-ethylhexyl)phthalate	40.52	149	33182	1.31	ug/l	Qvalue 98
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(#) = qualifier out of range (m) = manual integration (+) = signals summed
10019.D SCAN020507.M Thu May 09 09:43:55 2002 Page 1

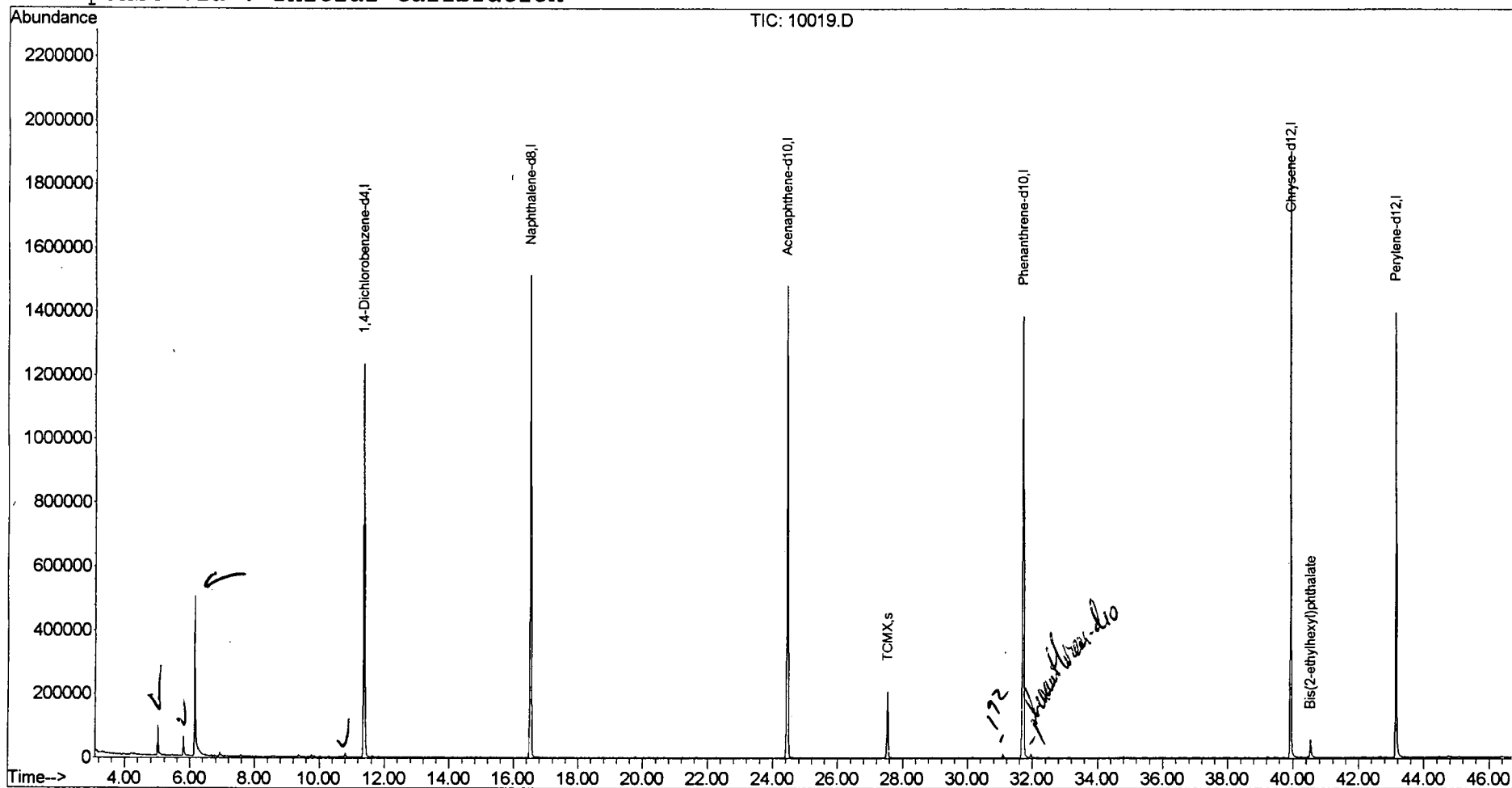
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020507\10019.D
 Acq On : 8 May 2002 4:53 am
 Sample : sample
 Misc :
 MS Integration Params: lscint.e
 Quant Time: May 9 9:43 2002

Vial: 18
 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\10019.D

Vial: 18

Acq On : 8 May 2002 4:53 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: 0.7 % 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

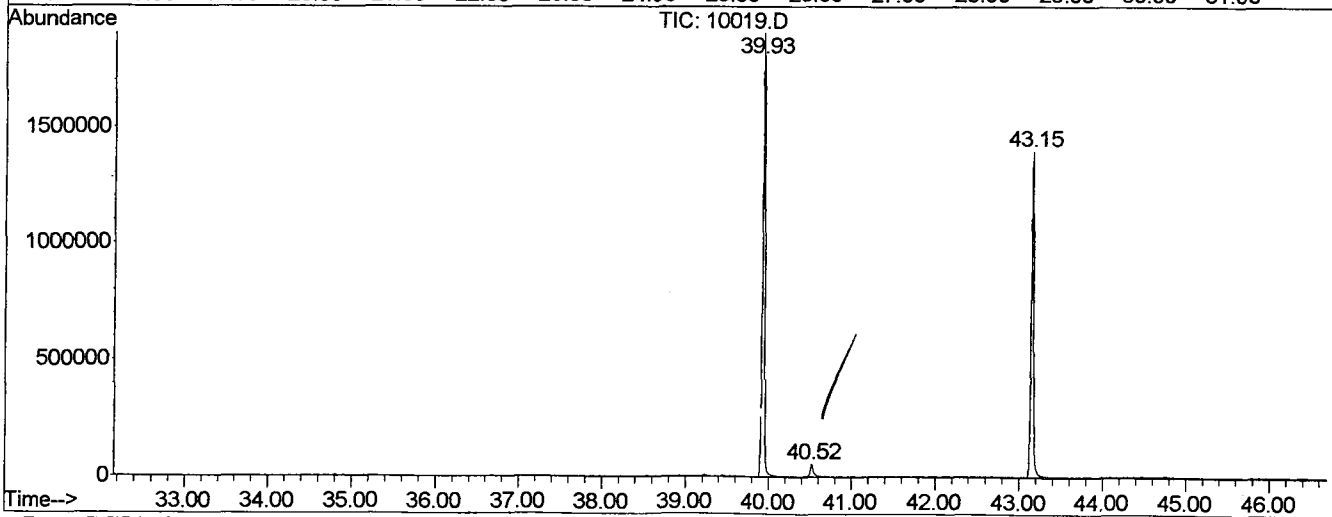
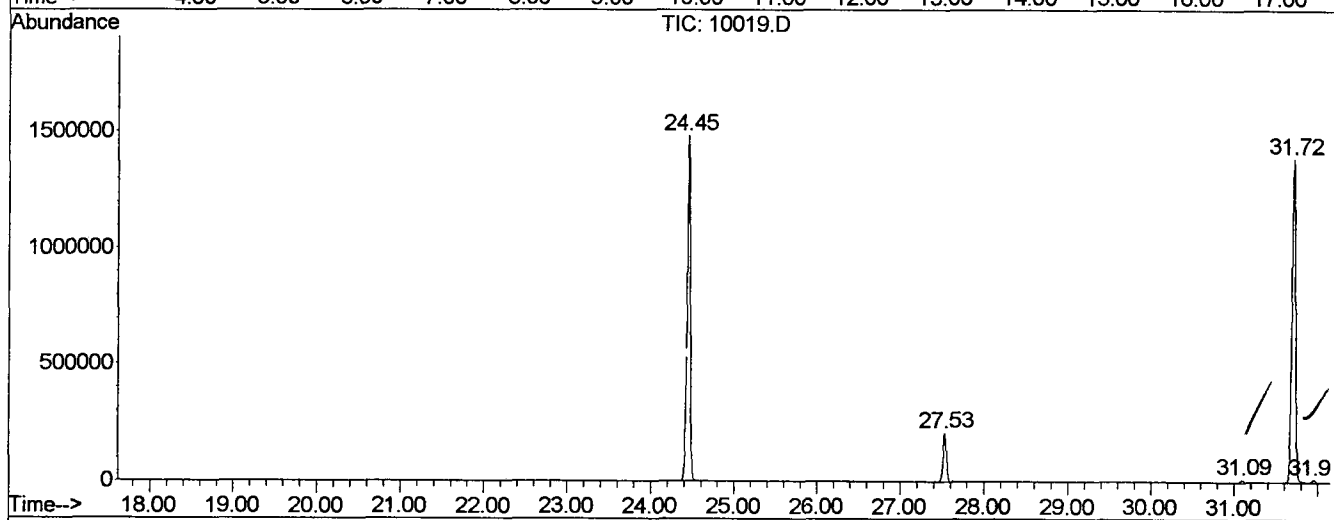
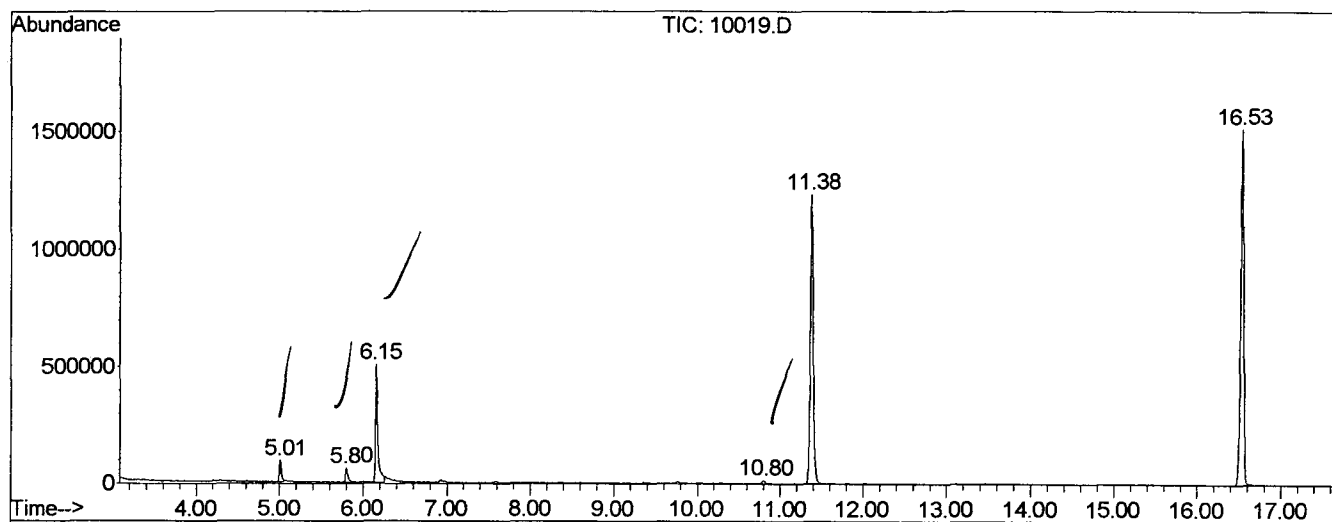
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.006	322	328	336	rBV2	91793	150698	3.59%	0.640%
2	5.800	458	463	479	rBV2	61457	125110	2.98%	0.531%
3	6.152	514	523	540	rBV	503454	959544	22.83%	4.072%
4	10.800	1307	1314	1323	rVB2	13342	30101	0.72%	0.128%
5	11.376	1400	1412	1435	rBV	1233648	3065987	72.95%	13.011%
6	16.534	2276	2290	2309	rBV	1511765	3865033	91.96%	16.402%
7	24.455	3622	3638	3652	rBV	1480356	3960328	94.23%	16.806%
8	27.533	4149	4162	4175	rBV5	208128	579808	13.80%	2.461%
9	31.088	4755	4767	4778	rBV4	13818	36756	0.87%	0.156%
10	31.717	4856	4874	4891	rBV2	1386313	4202805	100.00%	17.835%
11	31.946	4905	4913	4924	rVB4	11967	30665	0.73%	0.130%
12	39.931	6261	6272	6293	rBV2	1902311	3645136	86.73%	15.469%
13	40.518	6365	6372	6398	rVB	55609	150313	3.58%	0.638%
14	43.151	6809	6820	6840	rBV	1395869	2762135	65.72%	11.722%

Sum of corrected areas: 23564419

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020507\10019.D
Operator : Nefliu
Acquired : 8 May 2002 4:53 am using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: sample
Misc Info :
Vial Number: 18
Quant File :SCAN020507.RES (RTE Integrator)



Data File : C:\MSDCHEM\1\DATA\020507\10019.D
 Acq On : 8 May 2002 4:53 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

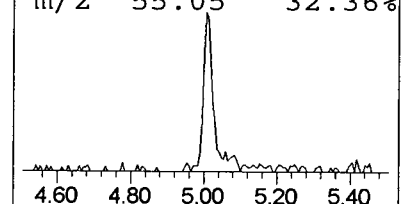
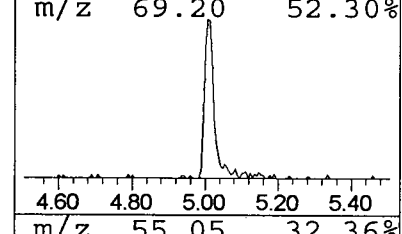
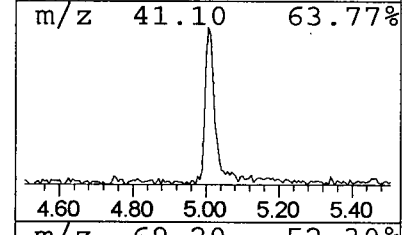
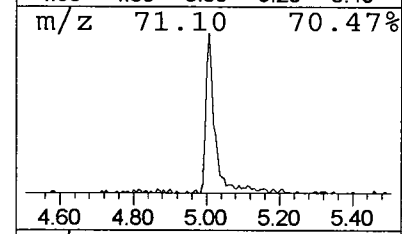
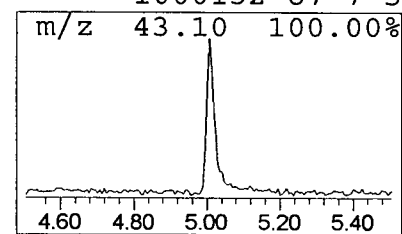
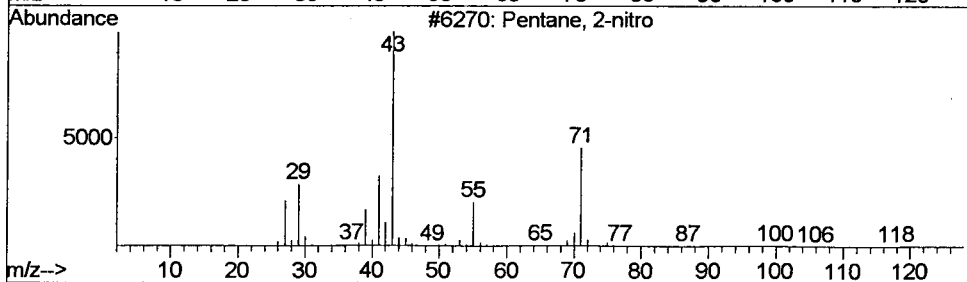
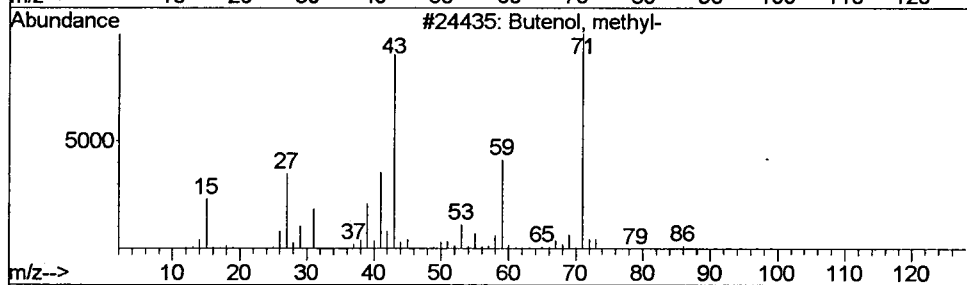
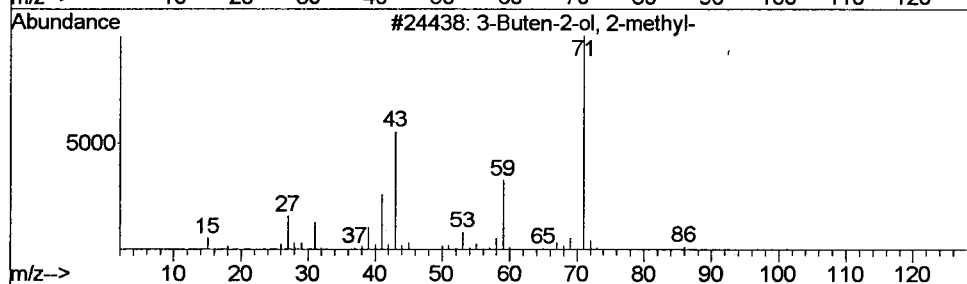
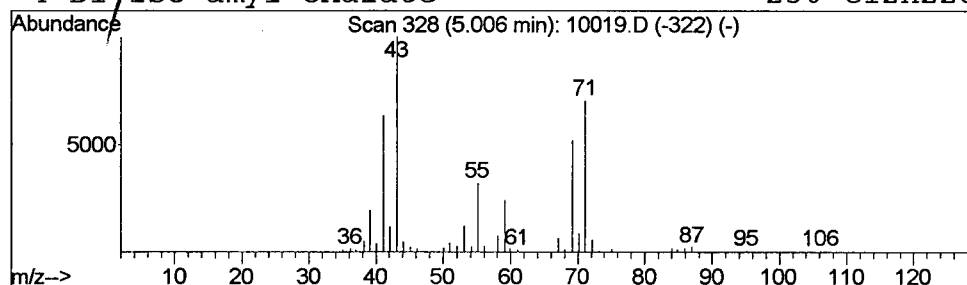
Vial: 18
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 1 3-Buten-2-ol, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	1.97 ug/l	150698	1,4-Dichlorobenzene-d4	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
✓ 1	5	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	58
2		Butenol, methyl-	86	C5H10O	060766-00-9	53
3		Pentane, 2-nitro	117	C5H11NO2	1000196-88-0	53
4		Di-iso-amyl oxalate	230	C12H22O4	1000132-87-7	50



Data File : C:\MSDCHEM\1\DATA\020507\10019.D
 Acq On : 8 May 2002 4:53 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

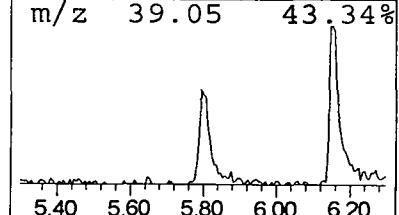
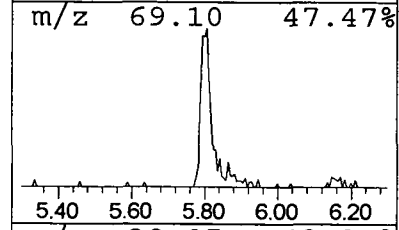
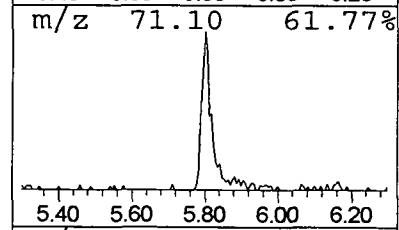
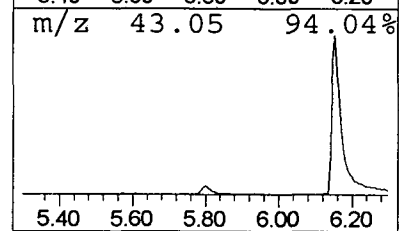
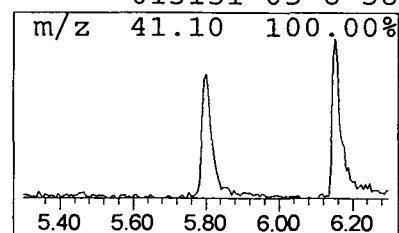
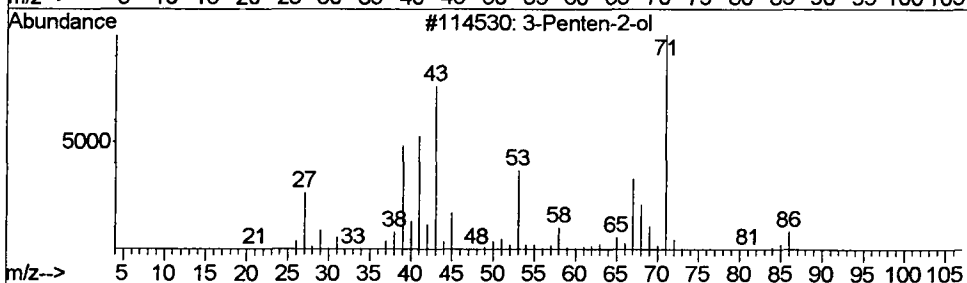
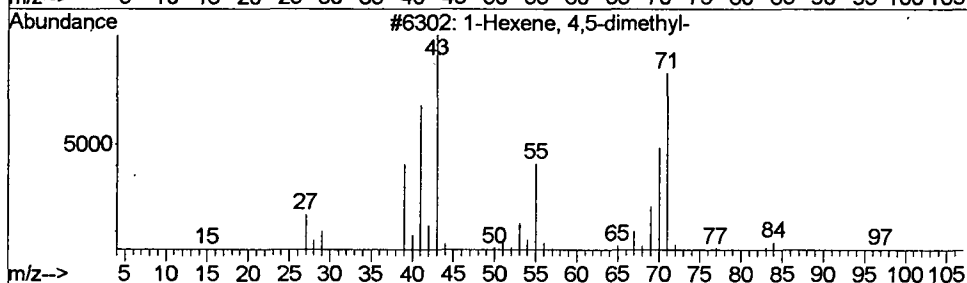
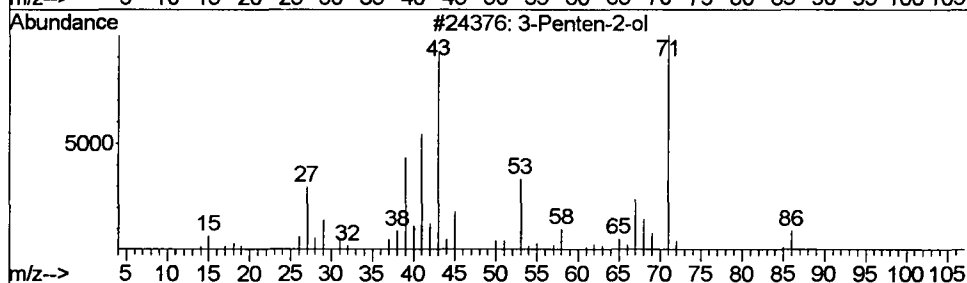
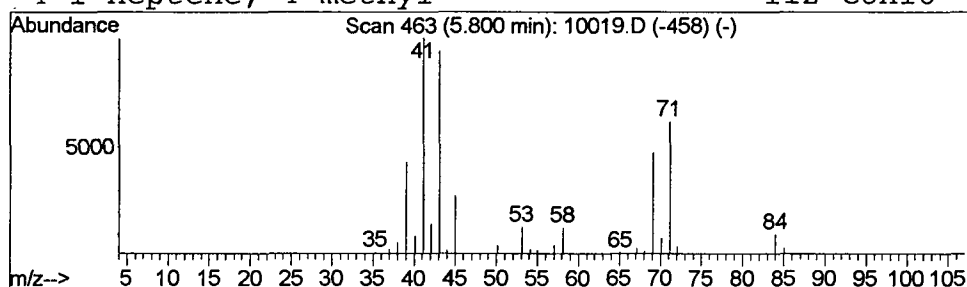
Vial: 18
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 2 3-Penten-2-ol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.80	1.63 ug/l	125110	1,4-Dichlorobenzene-d4	11.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Penten-2-ol	86	C5H10O	001569-50-2	59
2			1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	42
3			3-Penten-2-ol	86	C5H10O	001569-50-2	42
4			1-Heptene, 4-methyl-	112	C8H16	013151-05-8	38



Data File : C:\MSDCHEM\1\DATA\020507\10019.D
 Acq On : 8 May 2002 4:53 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

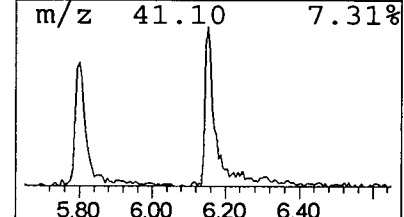
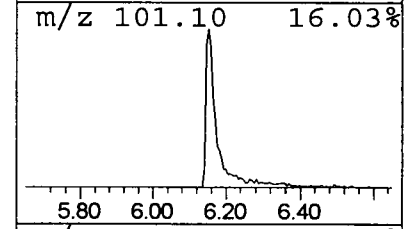
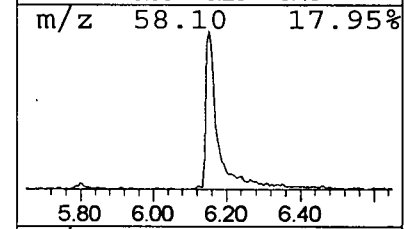
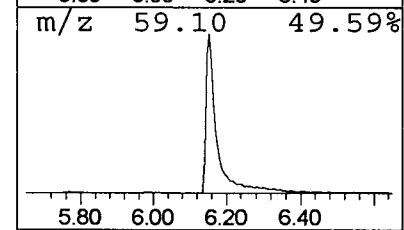
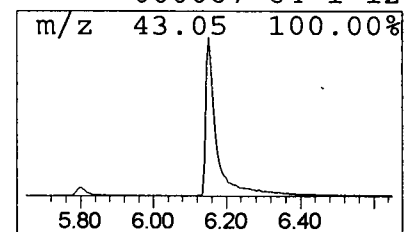
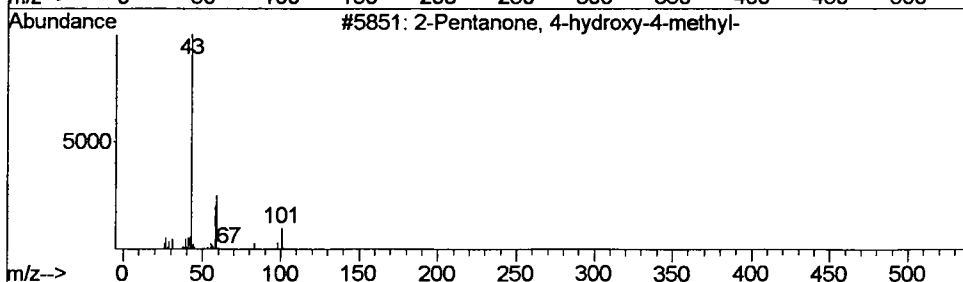
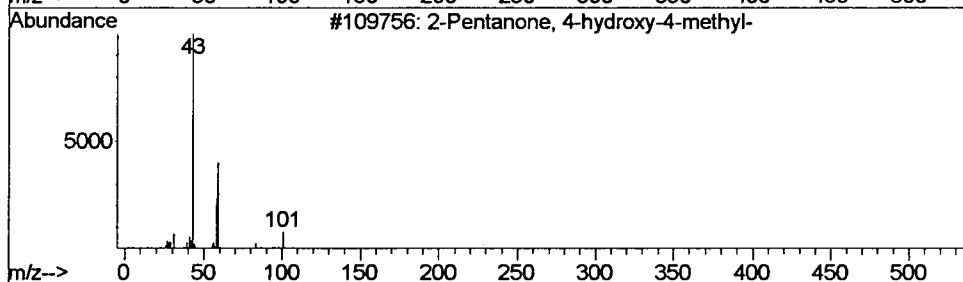
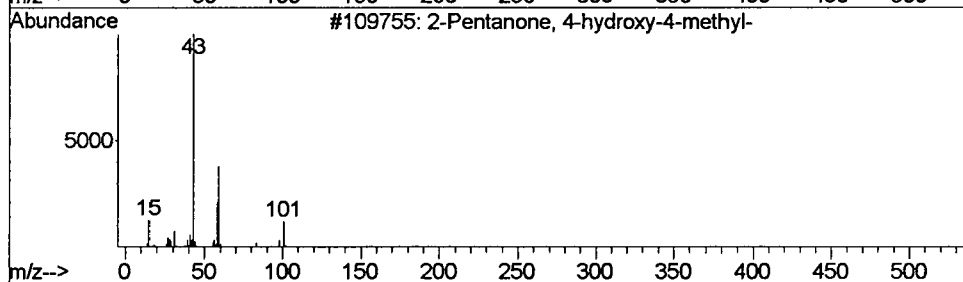
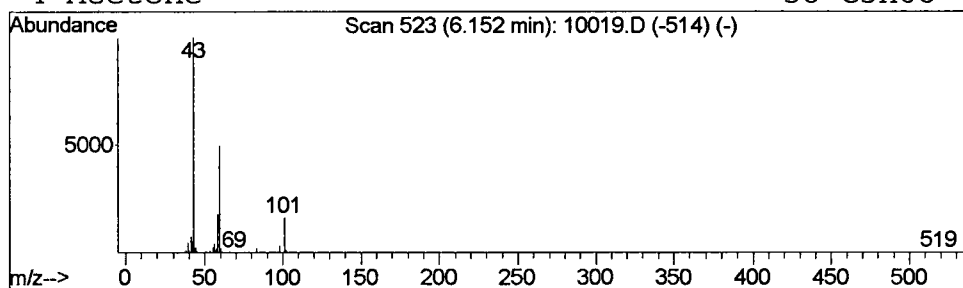
Vial: 18
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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	12.52 ug/l	959544	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	50
3			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
4			Acetone	58	C3H6O	000067-64-1	12



Data File : C:\MSDCHEM\1\DATA\020507\10019.D
 Acq On : 8 May 2002 4:53 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

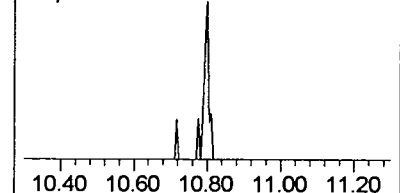
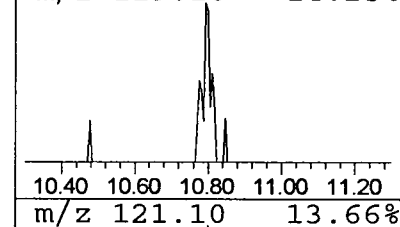
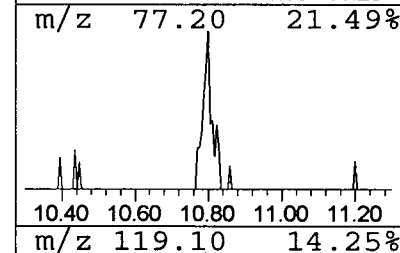
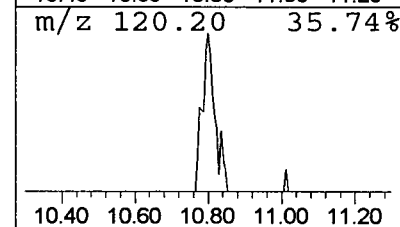
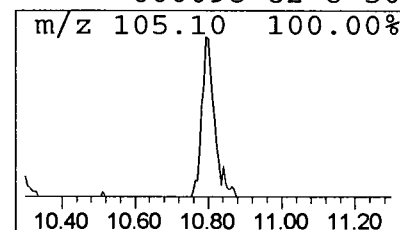
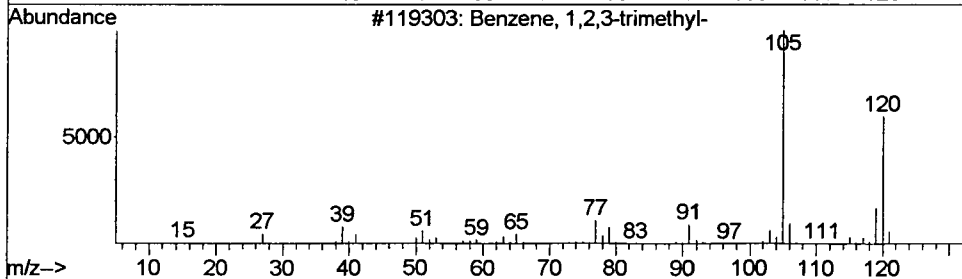
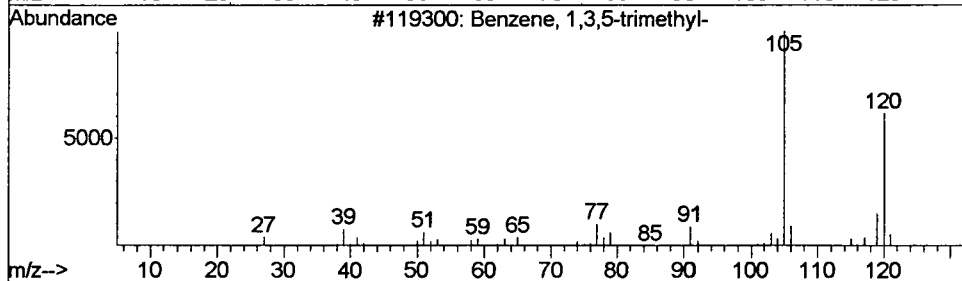
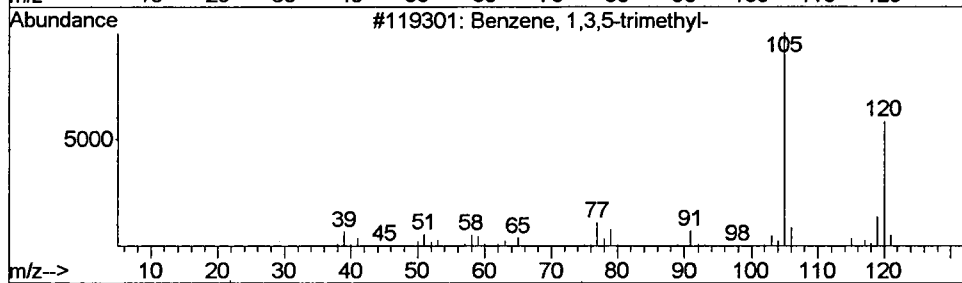
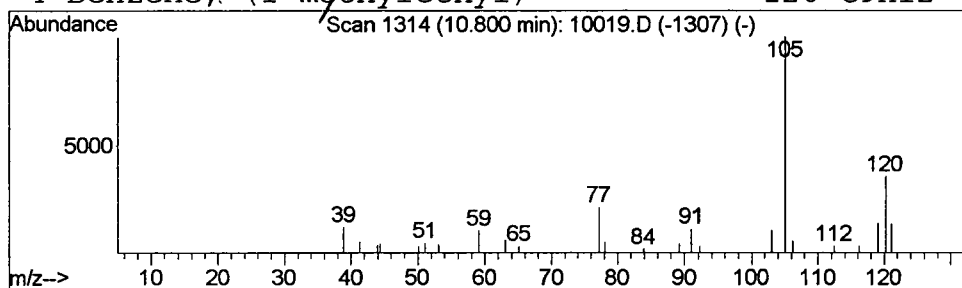
Vial: 18
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 4 Benzene, 1,3,5-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	0.39 ug/l	30101	1,4-Dichlorobenzene-d4	11.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	59
2			Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	53
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	53
4			Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	50



Data File : C:\MSDCHEM\1\DATA\020507\10019.D
Acq On : 8 May 2002 4:53 am
Sample : sample
Misc :
MS Integration Params: rteint.e

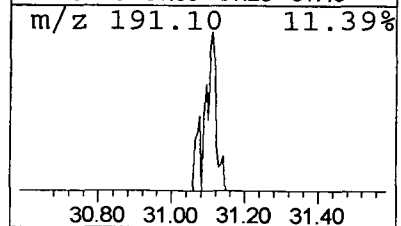
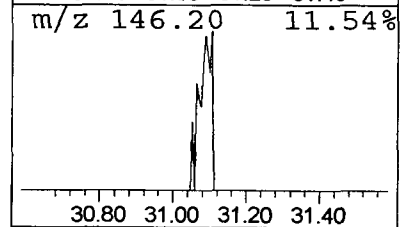
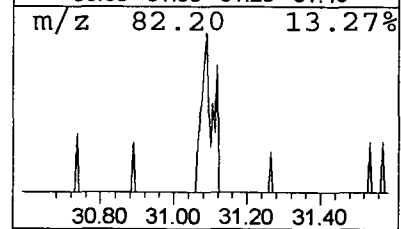
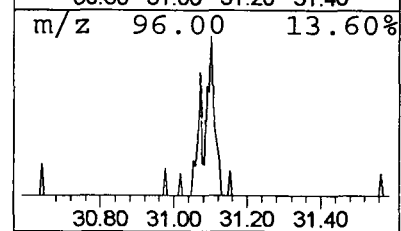
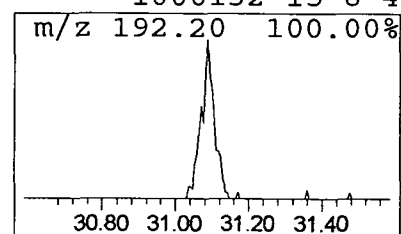
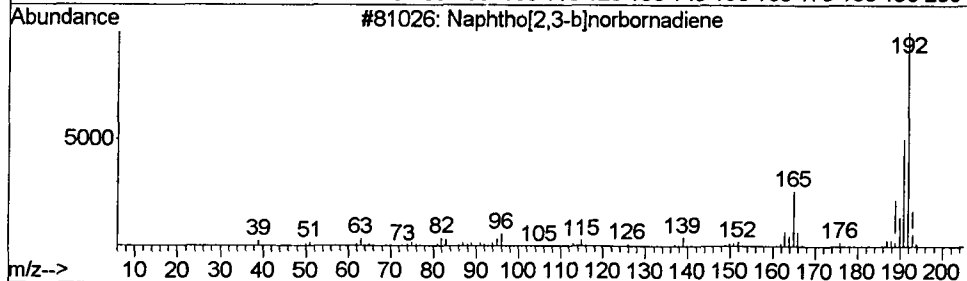
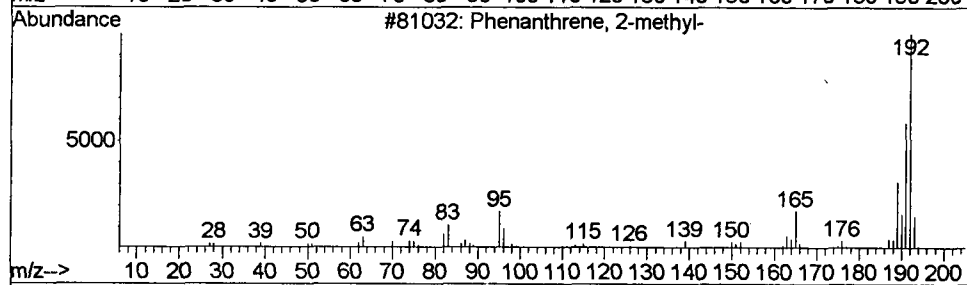
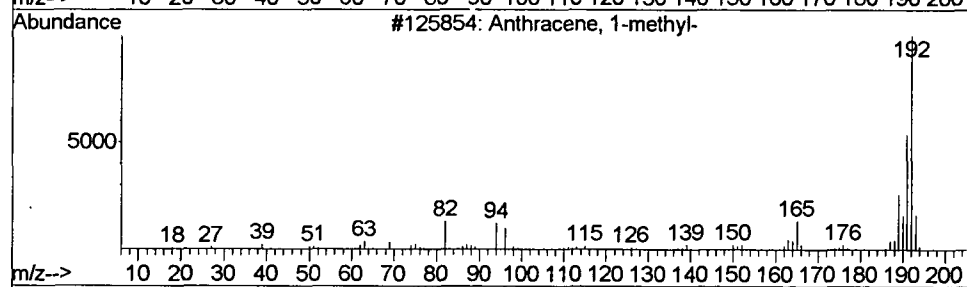
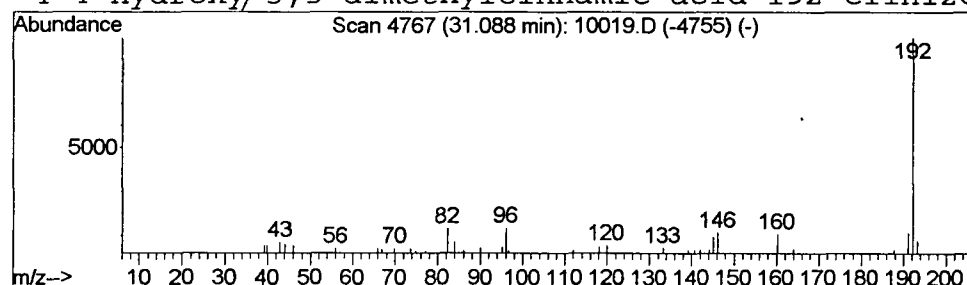
Vial: 18
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.35 ug/l	36756	Phenanthrene-d10	31.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	50
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	50
3		Naphtho[2,3-b]norbornadiene	192	C15H12	1000210-52-3	47
4		4-Hydroxy-3,5-dimethylcinnamic acid	192	C11H12O3	1000132-15-8	42



Data File : C:\MSDCHEM\1\DATA\020507\10019.D
 Acq On : 8 May 2002 4:53 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

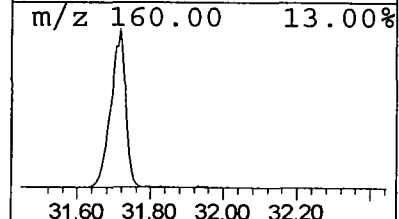
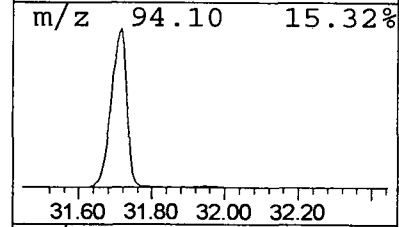
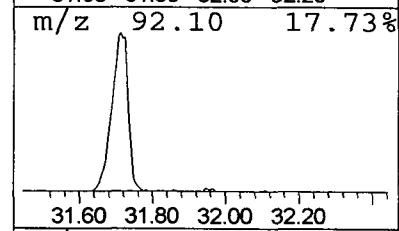
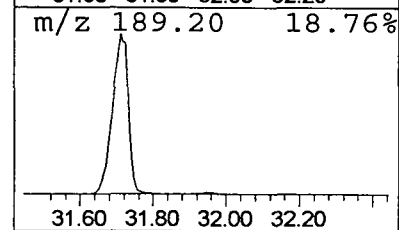
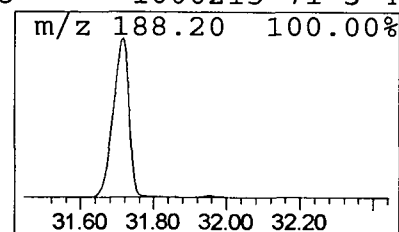
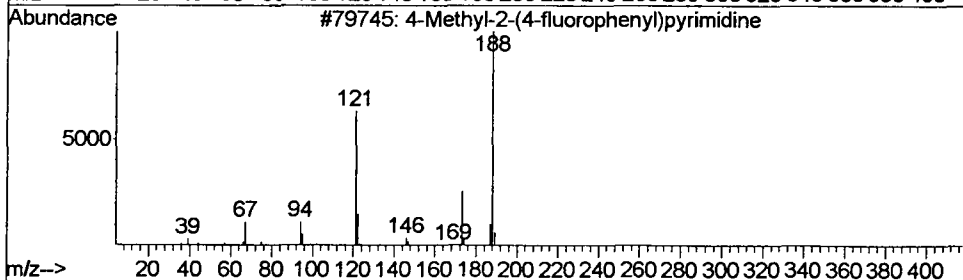
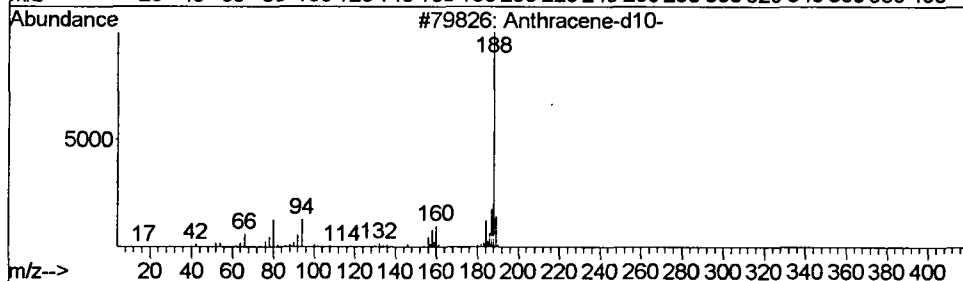
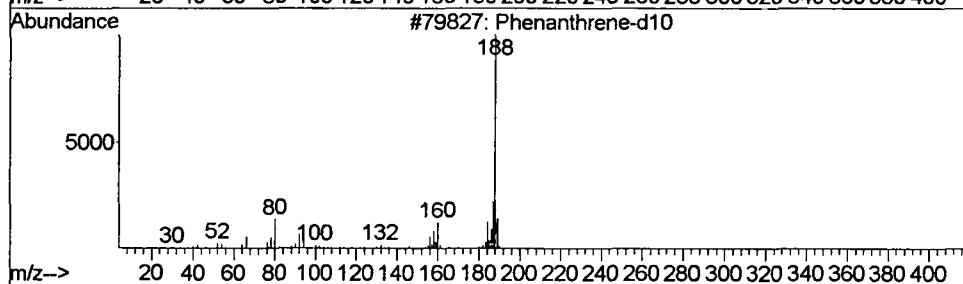
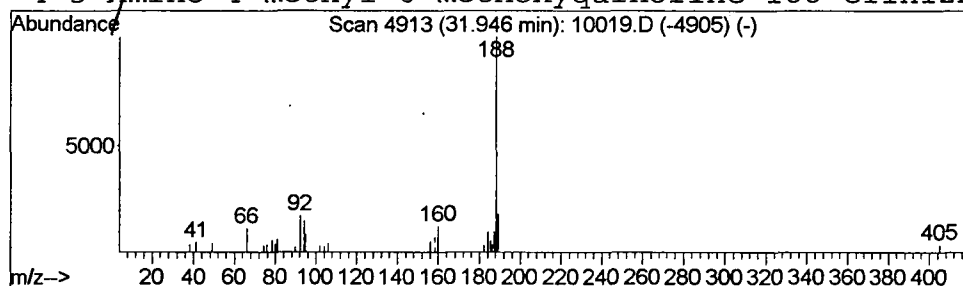
Vial: 18
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.95	0.29 ug/l	30665	Phenanthrene-d10	31.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene-d10	188	C14D10	001517-22-2	59
2		Anthracene-d10-	188	C14D10	001719-06-8	45
3		4-Methyl-2-(4-fluorophenyl)pyrim...	188	C11H9FN2	076128-67-1	45
4		3-Amino-4-methyl-6-methoxyquinoline	188	C11H12N2O	1000213-71-3	42



Operator ID: Nefliu Date Acquired: 8 May 2002 4:53 am
Data File: C:\MSDCHEM\1\DATA\020507\10019.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-m...	5.01	2.0	ug/l	150698	1	11.38	3065990	40.0
3-Penten-2-ol	5.80	1.6	ug/l	125110	1	11.38	3065990	40.0
✓ 2-Pentanone, 4-hy...	6.15	12.5	ug/l	959544	1	11.38	3065990	40.0
Benzene, 1,3,5-tr...	10.80	0.4	ug/l	30101	1	11.38	3065990	40.0
Anthracene, 1-met...	31.09	0.3	ug/l	36756	4	31.72	4202810	40.0
✓ Phenanthrene-d10	31.95	0.3	ug/l	30665	4	31.72	4202810	40.0