

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/14/2002 Time: 14:20:14

Sample: AE10020
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/14/02 14:19 Ended: 5/14/02 14:19 Analyst: DLV
Page: 1

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

Comments for Sample AE10020 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-14-2002 Time: 14:20:35

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

Data File : C:\MSDCHEM\1\DATA\020507\10020.D

Vial: 19

Acq On : 8 May 2002 5:52 am

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: lscint.e

Quant Time: May 09 09:44:00 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	524142	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1967980	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	1050181	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1815390	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	1448551	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	943706	40.00	ug/l	-0.03
System Monitoring Compounds						
27) TCMX	27.54	207	65378	7.79	ug/l	-0.04
Spiked Amount	10.000		Recovery	=	77.90%	
Target Compounds						
43) Bis(2-ethylhexyl)phthalate	40.52	149	35966	1.16	ug/l	Qvalue 96

(#) = qualifier out of range (m) = manual integration (+) = signals summed
10020.D SCAN020507.M Thu May 09 09:45:40 2002 Page 1

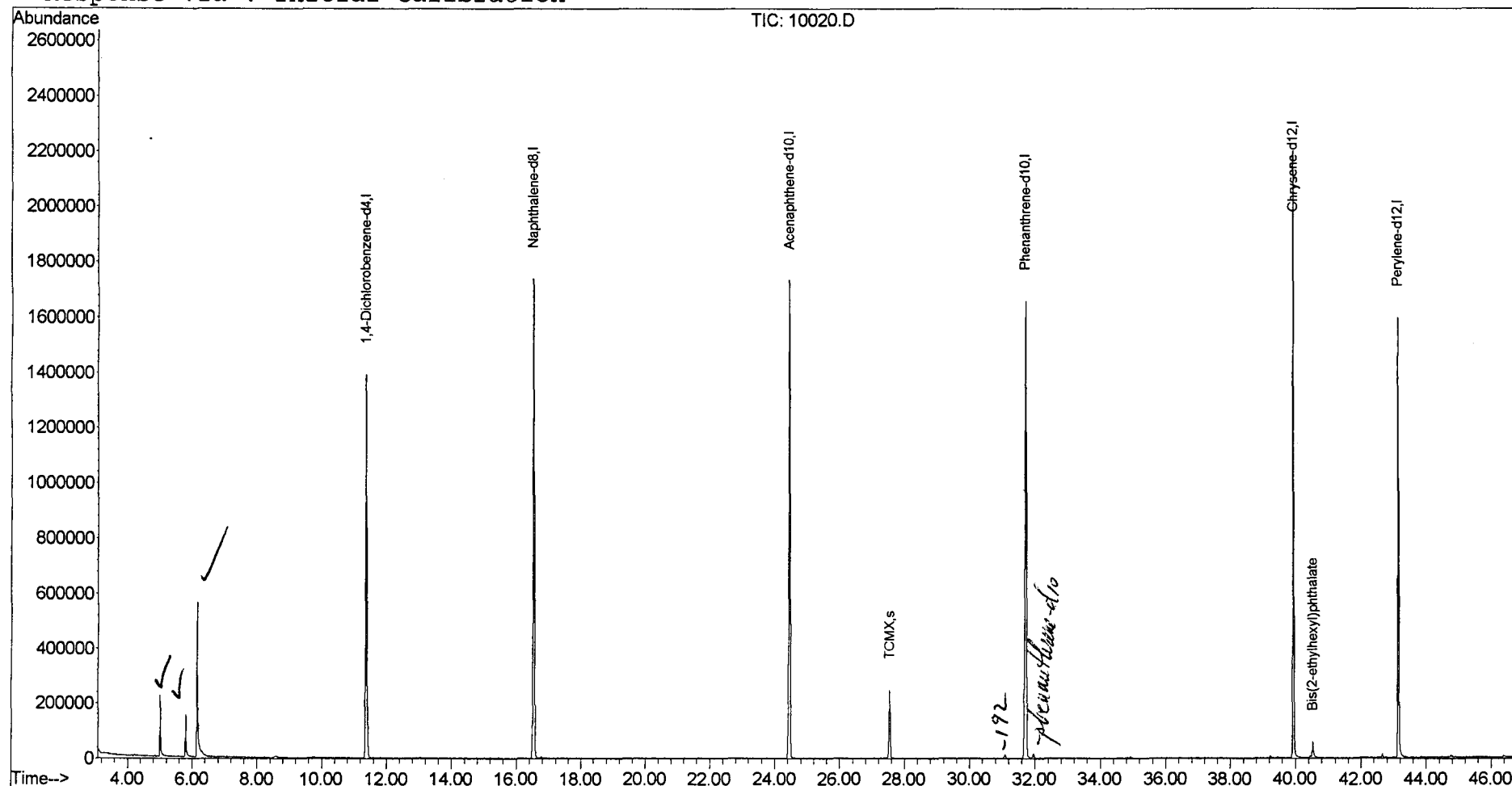
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020507\10020.D
 Acq On : 8 May 2002 5:52 am
 Sample : sample
 Misc :
 MS Integration Params: lscint.e
 Quant Time: May 9 9:45 2002

Vial: 19
 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\10020.D

Acq On : 8 May 2002 5:52 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 19

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

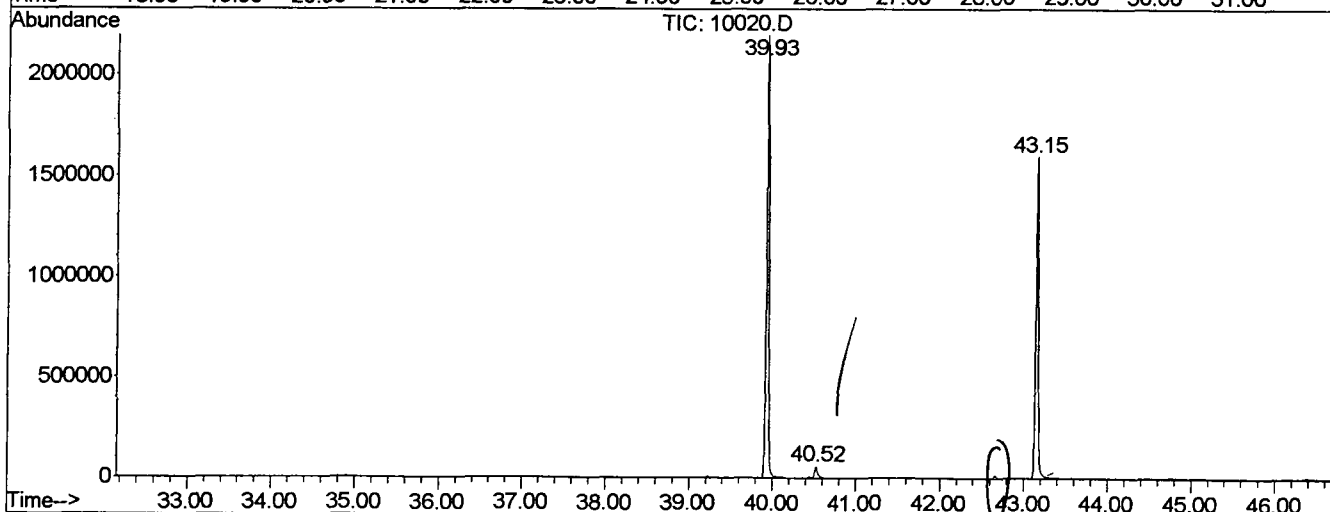
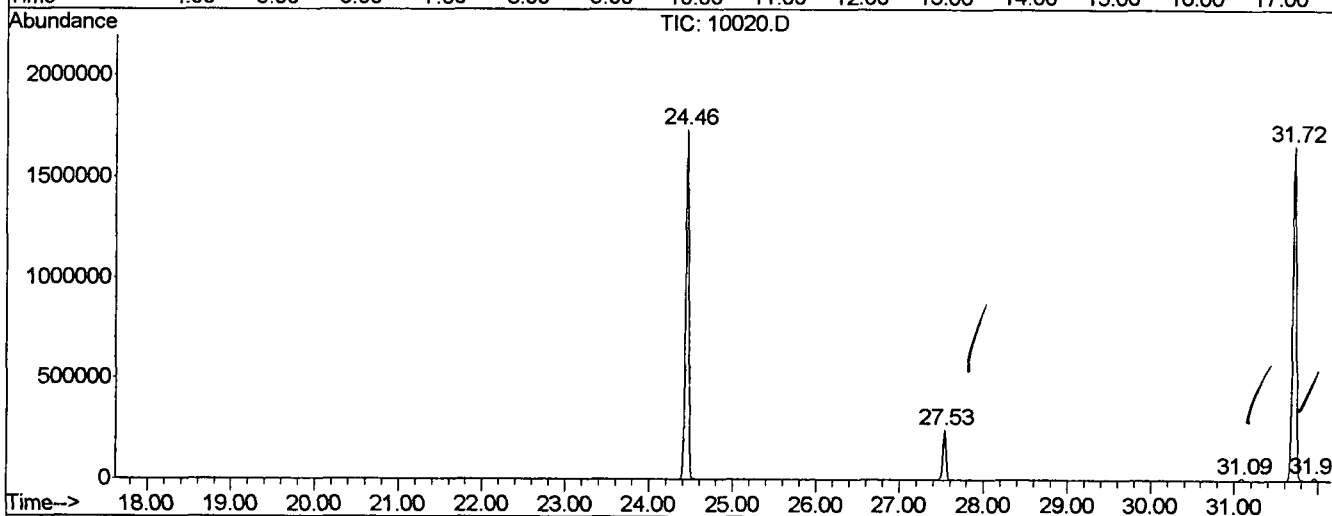
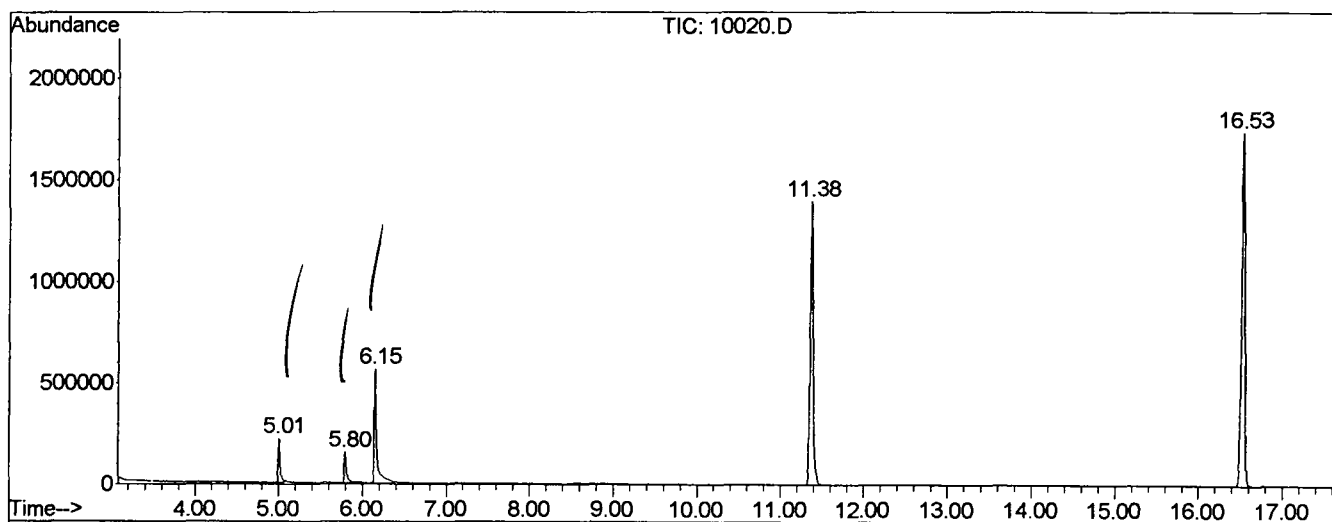
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.006	323	328	338	rBV	219714	356947	7.06%	1.254%
2	5.800	456	463	480	rBV	151556	285055	5.64%	1.002%
3	6.152	514	523	563	rBV	564346	1235907	24.45%	4.342%
4	11.376	1399	1412	1430	rBV	1392485	3604843	71.31%	12.665%
5	16.534	2274	2290	2308	rBV	1735962	4543417	89.88%	15.963%
6	24.461	3623	3639	3651	rBV	1733230	4736010	93.69%	16.640%
7	27.533	4145	4162	4174	rBV3	249072	674297	13.34%	2.369%
8	31.094	4756	4768	4779	rVB3	14482	44496	0.88%	0.156%
9	31.723	4855	4875	4894	rBV2	1656589	5055135	100.00%	17.761%
10	31.958	4905	4915	4923	rBV6	15393	41715	0.83%	0.147%
11	39.931	6261	6272	6290	rBV2	2197499	4443010	87.89%	15.610%
12	40.518	6364	6372	6382	rVV2	55644	134245	2.66%	0.472%
13	43.151	6810	6820	6842	rBV2	1595773	3306866	65.42%	11.619%

Sum of corrected areas: 28461943

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020507\10020.D
Operator : Nefliu
Acquired : 8 May 2002 5:52 am using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: sample
Misc Info :
Vial Number: 19
Quant File :SCAN020507.RES (RTE Integrator)



Data File : C:\MSDCHEM\1\DATA\020507\10020.D
Acq On : 8 May 2002 5:52 am
Sample : sample
Misc :
MS Integration Params: rteint.e

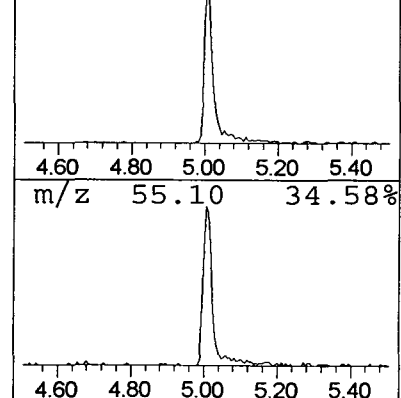
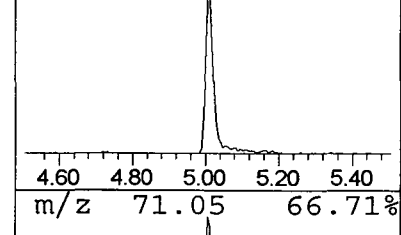
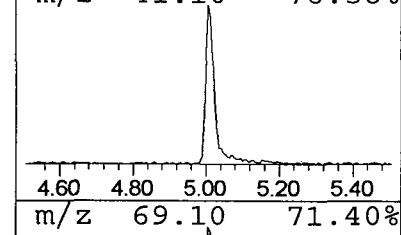
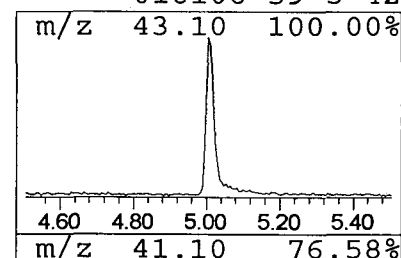
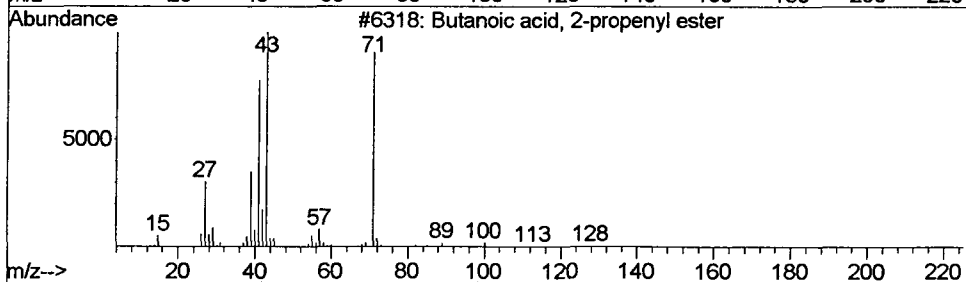
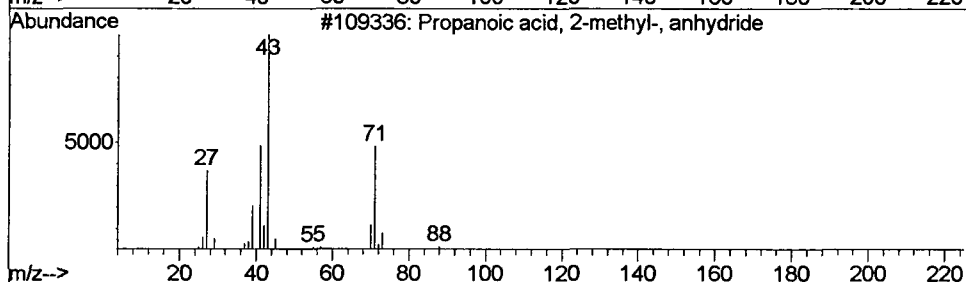
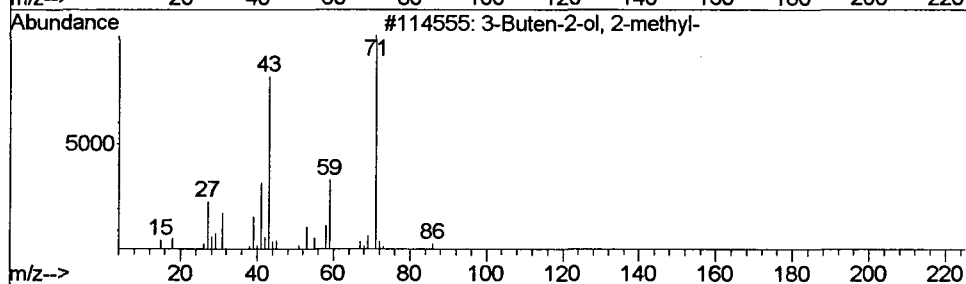
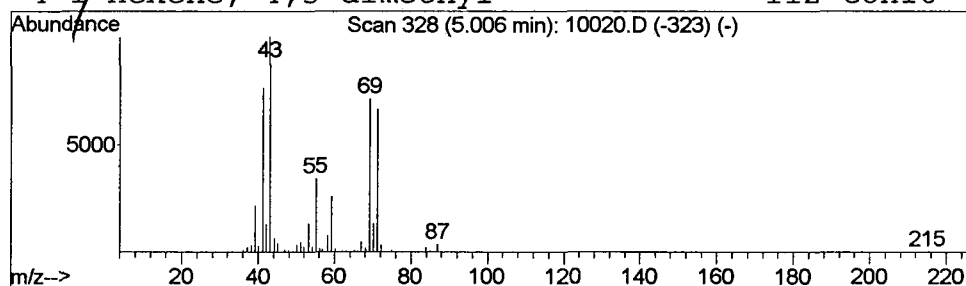
Vial: 19
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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	3.96 ug/l	356947	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	50
2		Propanoic acid, 2-methyl-, anhyd...	158	C8H14O3	000097-72-3	50
3		Butanoic acid, 2-propenyl ester	128	C7H12O2	002051-78-7	43
4		1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	42



Data File : C:\MSDCHEM\1\DATA\020507\10020.D
Acq On : 8 May 2002 5:52 am
Sample : sample
Misc :
MS Integration Params: rteint.e

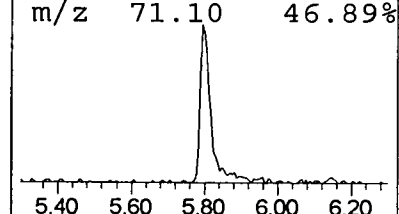
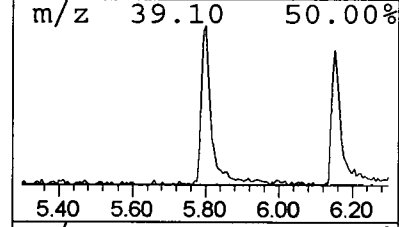
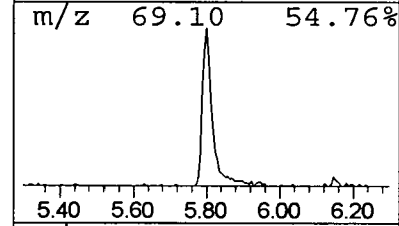
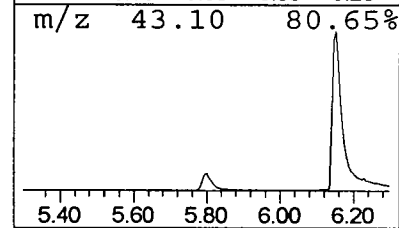
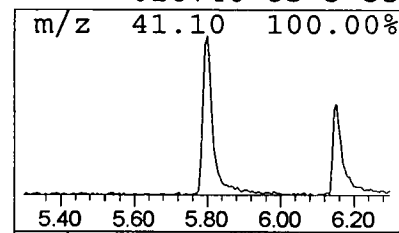
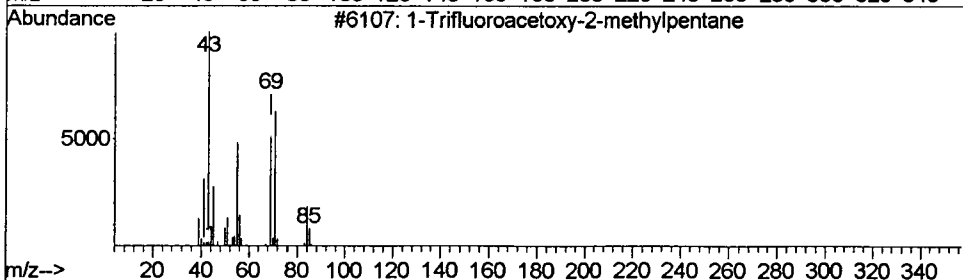
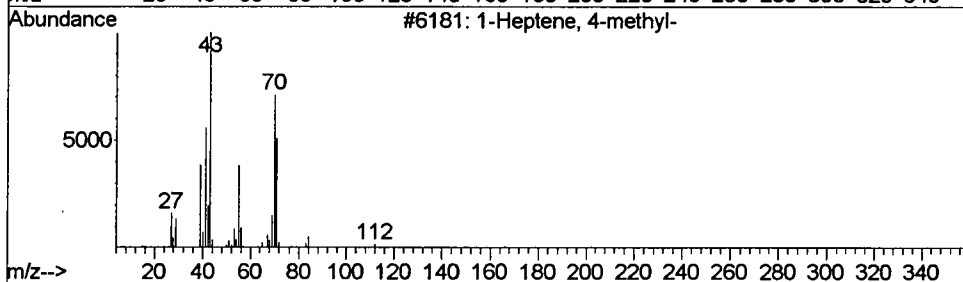
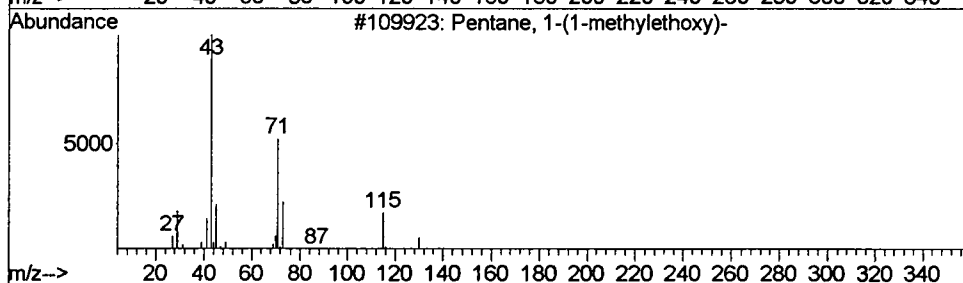
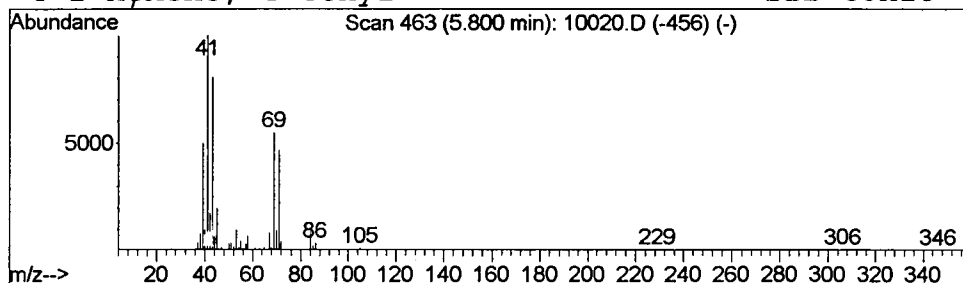
Vial: 19
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 2 Pentane, 1-(1-methylethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.80	3.16 ug/l	285055	1,4-Dichlorobenzene-d4	11.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 1-(1-methylethoxy)-	130	C8H18O	005756-37-6	38
2		1-Heptene, 4-methyl-	112	C8H16	013151-05-8	38
3		1-Trifluoroacetoxy-2-methylpentane	198	C8H13F3O2	1000215-95-6	37
4		1-Hexene, 4-ethyl-	112	C8H16	016746-85-3	35



Data File : C:\MSDCHEM\1\DATA\020507\10020.D
Acq On : 8 May 2002 5:52 am
Sample : sample
Misc :
MS Integration Params: rteint.e

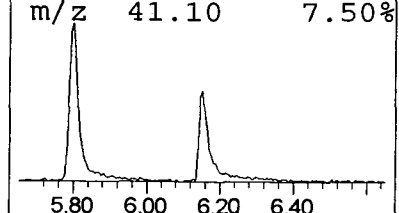
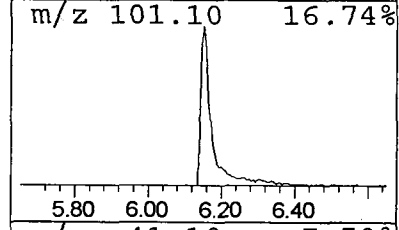
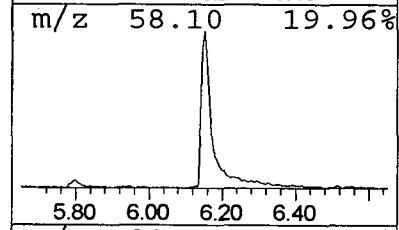
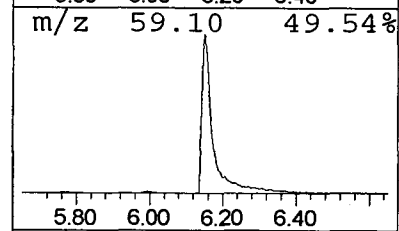
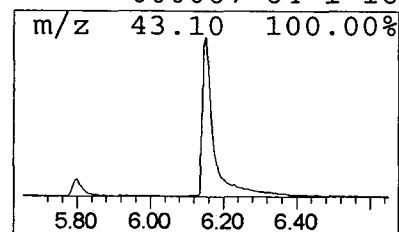
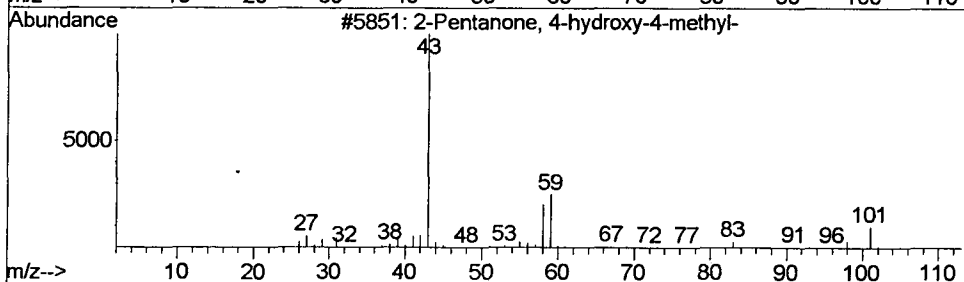
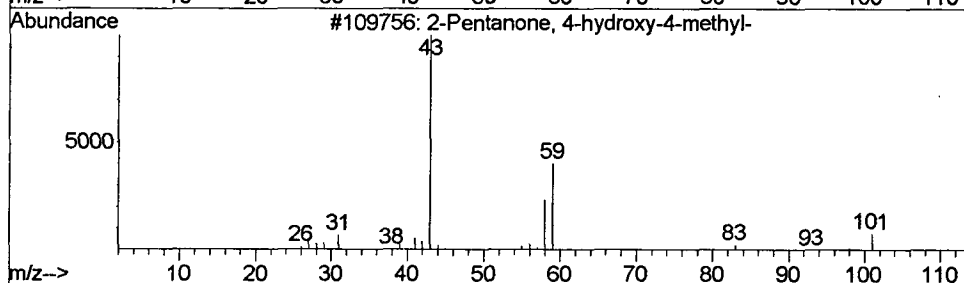
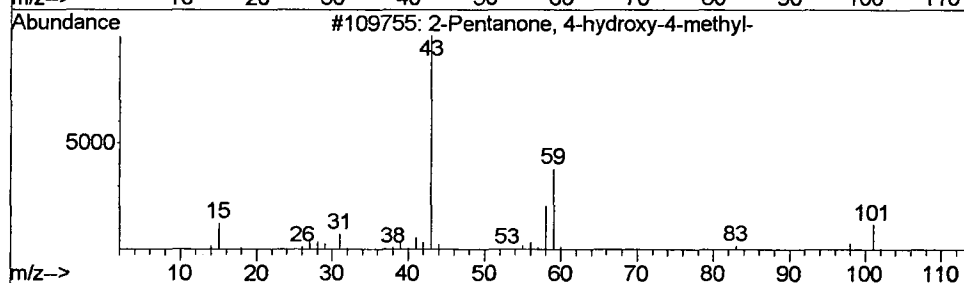
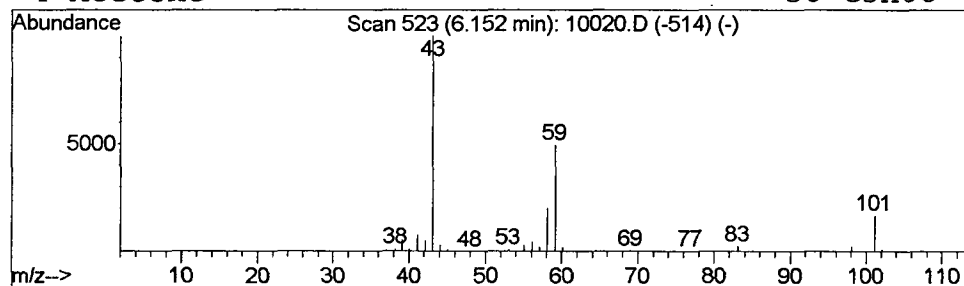
Vial: 19
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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	13.71 ug/l	1235910	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	78
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
3			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47
4			Acetone	58	C3H6O	000067-64-1	16



Data File : C:\MSDCHEM\1\DATA\020507\10020.D
Acq On : 8 May 2002 5:52 am
Sample : sample
Misc :
MS Integration Params: rteint.e

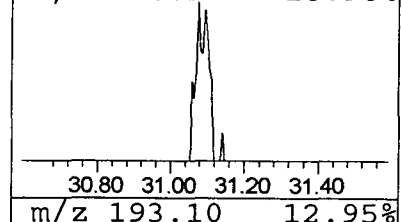
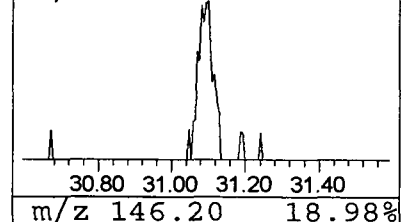
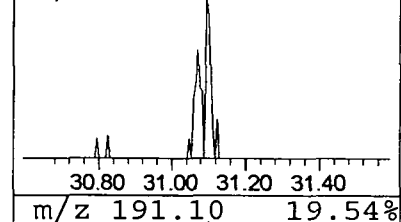
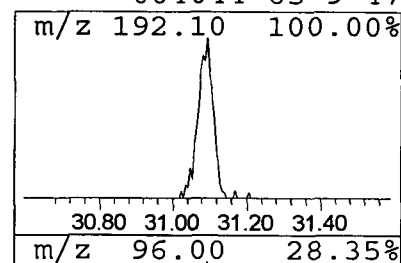
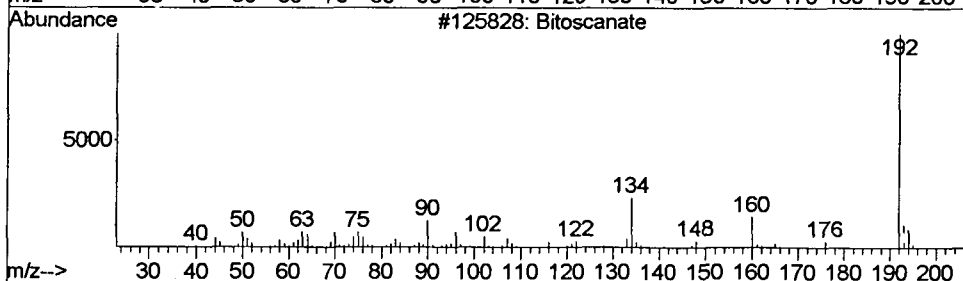
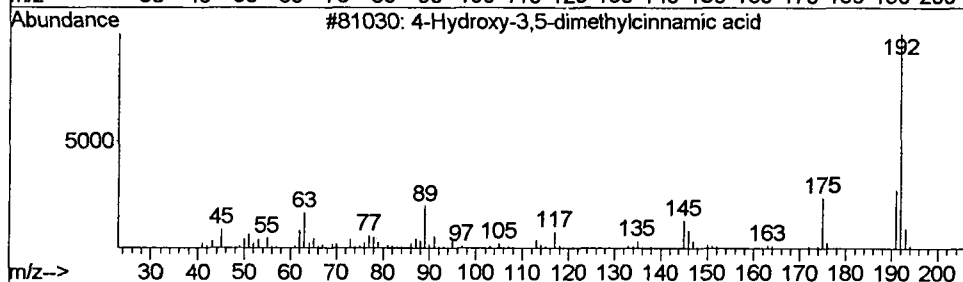
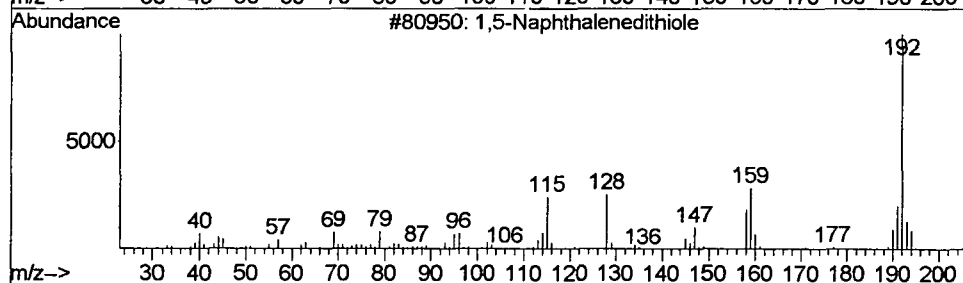
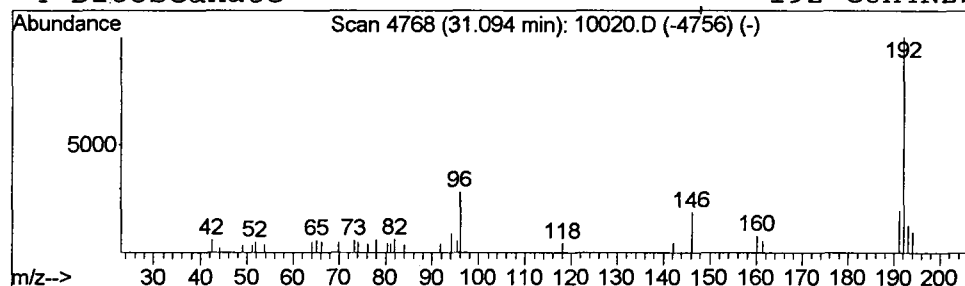
Vial: 19
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 4 1,5-Naphthalenedithiolo Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.35 ug/l	44496	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Naphthalenedithiolo	192	C10H8S2	1000223-69-5	58	
2	4-Hydroxy-3,5-dimethylcinnamic acid	192	C11H12O3	1000132-15-8	53	
3	Bitoscanate	192	C8H4N2S2	004044-65-9	47	
4	Bitoscanate	192	C8H4N2S2	004044-65-9	47	



Data File : C:\MSDCHEM\1\DATA\020507\10020.D
 Acq On : 8 May 2002 5:52 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

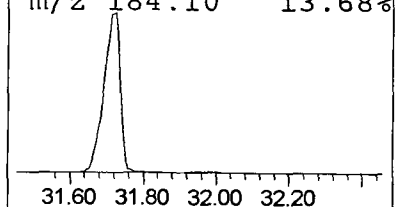
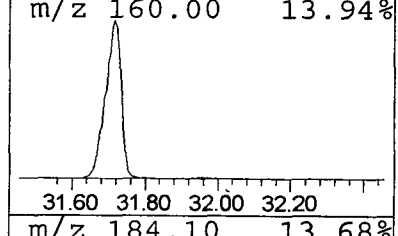
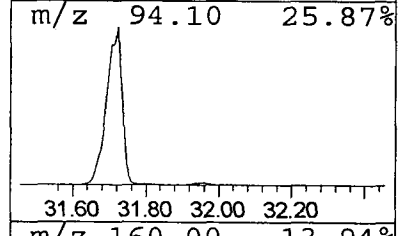
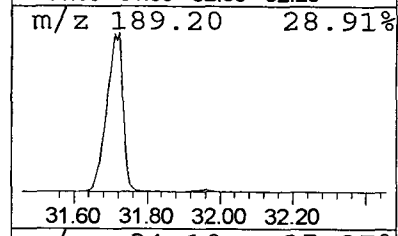
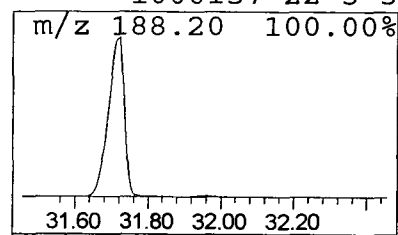
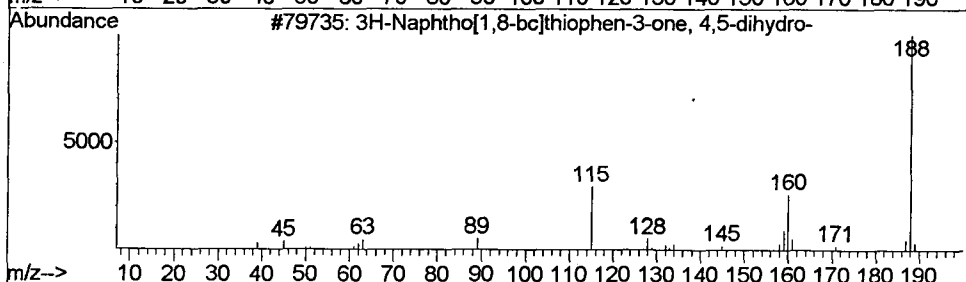
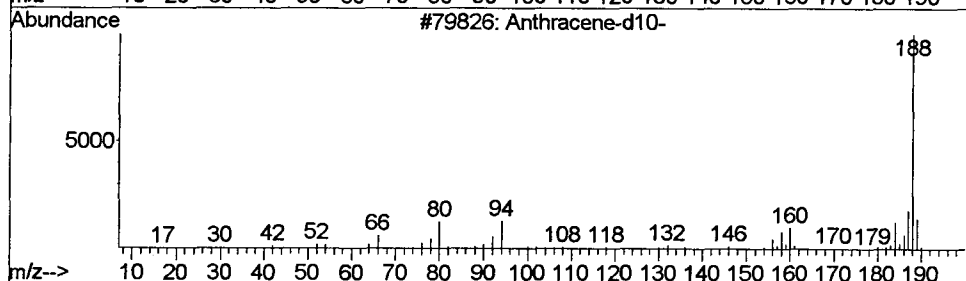
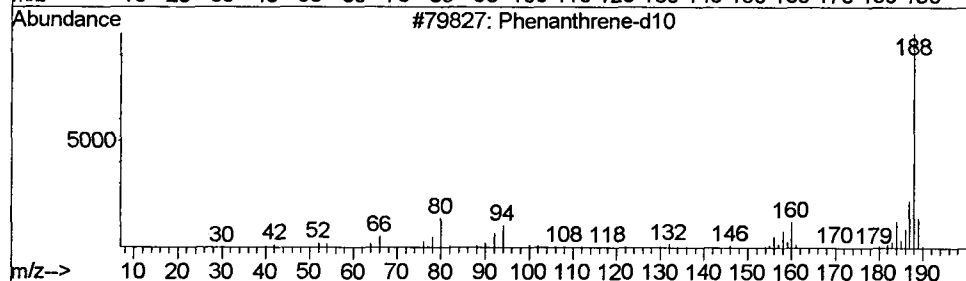
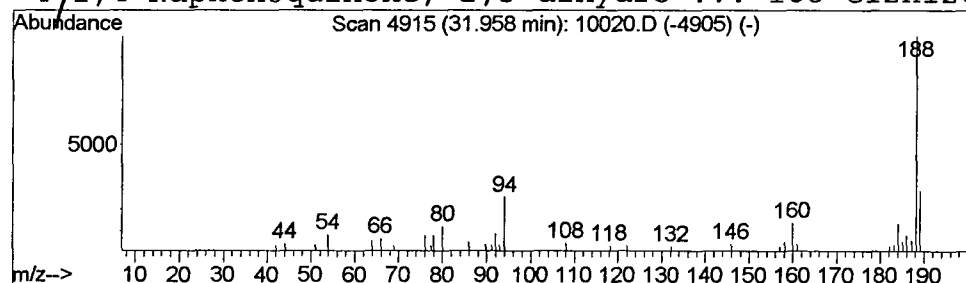
Vial: 19
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 5 Phenanthrene-d10 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.33 ug/l	41715	Phenanthrene-d10	31.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
✓ 1	5	Phenanthrene-d10	188	C14D10	001517-22-2	87
2		Anthracene-d10-	188	C14D10	001719-06-8	87
3		3H-Naphtho[1,8-bc]thiophen-3-one...	188	C11H8OS	010245-79-1	37
4		1,4-Naphthoquinone, 2,3-dihydro-...	188	C12H12O2	1000157-22-3	37



Operator ID: Nefliu Date Acquired: 8 May 2002 5:52 am
Data File: C:\MSDCHEM\1\DATA\020507\10020.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	4.0	ug/l	356947	1	11.38	3604840	40.0
✓ Pentane, 1-(1-met...	5.80	3.2	ug/l	285055	1	11.38	3604840	40.0
✓ 2-Pentanone, 4-hy...	6.15	13.7	ug/l	1235910	1	11.38	3604840	40.0
✓ 1,5-Naphthalenedi...	31.09	0.4	ug/l	44496	4	31.72	5055140	40.0
✓ Phenanthrene-d10	31.96	0.3	ug/l	41715	4	31.72	5055140	40.0