

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/14/2002 Time: 14:36:22

Sample: AE10061
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/14/02 14:36 Ended: 5/14/02 14:36 Analyst: DLV
Page: 1

	Component Name	Vol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		79		10.0

Comments for Sample AE10061 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-14-2002 Time: 14:36:40

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

Data File : C:\MSDCHEM\1\DATA\020507\10061.D
 Acq On : 8 May 2002 11:46 am
 Sample : sample
 Misc :
 MS Integration Params: lscint.e
 Quant Time: May 09 09:53:54 2002

Vial: 25
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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	440281	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1666517	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	897864	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1529756	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	1245366	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	801267	40.00	ug/l	-0.03

System Monitoring Compounds

27) TCMX	27.53	207	56360	7.86	ug/l	-0.04
Spiked Amount	10.000		Recovery	=	78.60%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
35) Di-n-butylphthalate	34.80	149	4925	0.10	ug/l	84
43) Bis(2-ethylhexyl)phthalate	40.52	149	91988	3.45	ug/l	98

 (#) = qualifier out of range (m) = manual integration (+) = signals summed
 10061.D SCAN020507.M Thu May 09 09:55:05 2002 Page 1

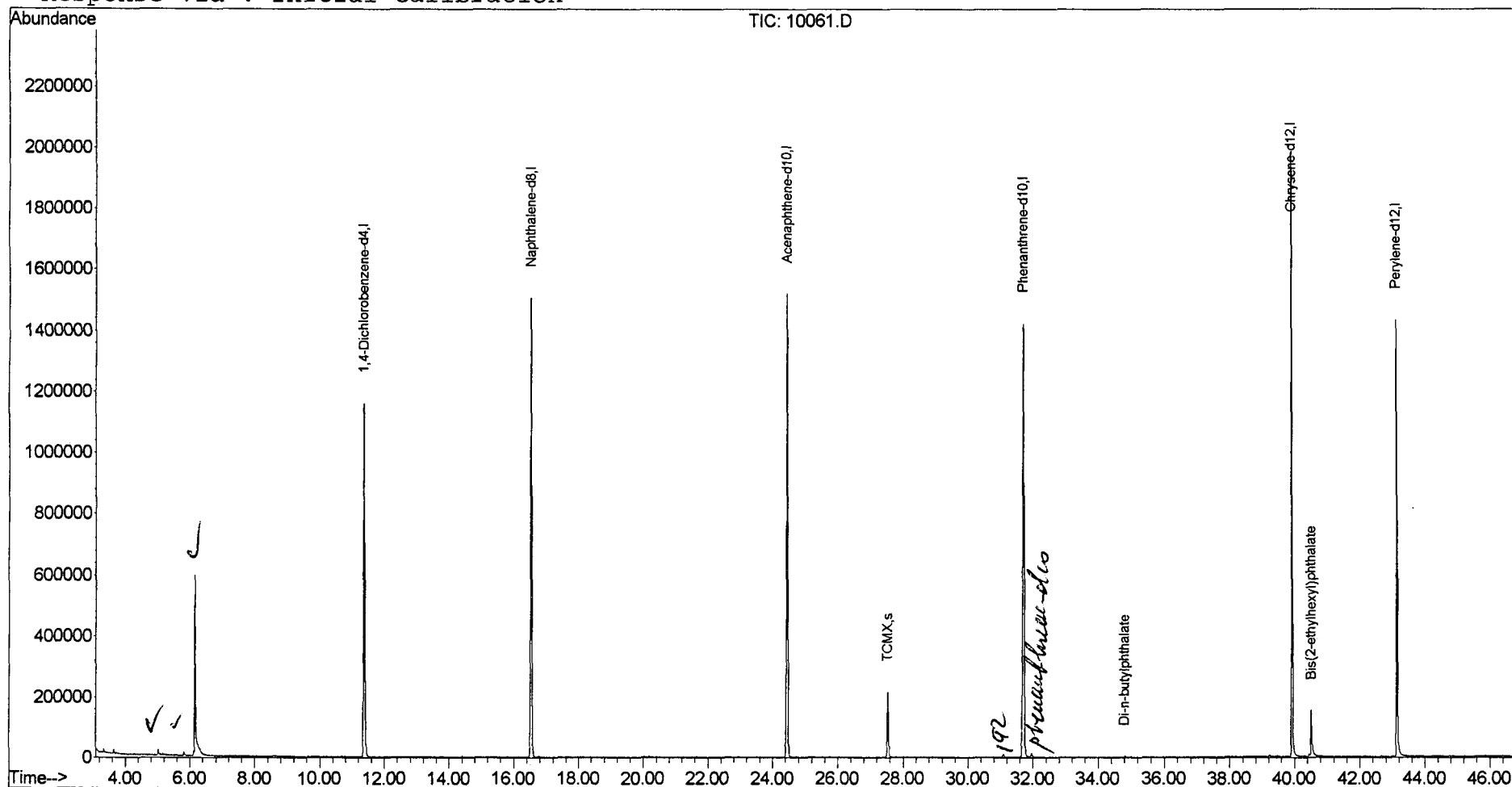
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020507\10061.D
 Acq On : 8 May 2002 11:46 am
 Sample : sample
 Misc :
 MS Integration Params: lscint.e
 Quant Time: May 9 9:55 2002

Vial: 25
 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\10061.D

Vial: 25

Acq On : 8 May 2002 11:46 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

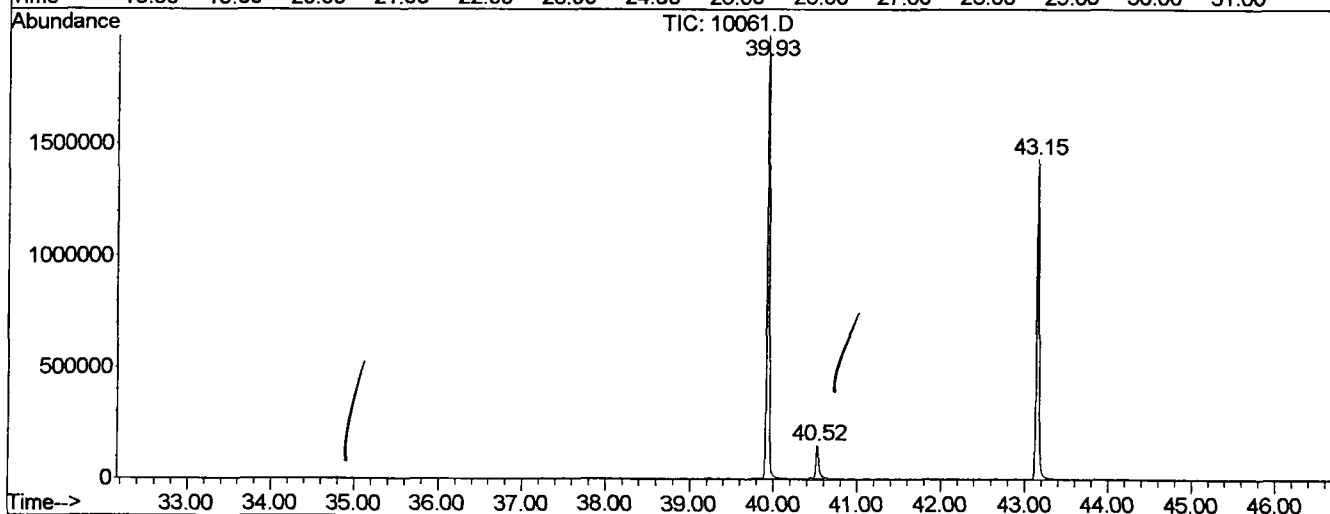
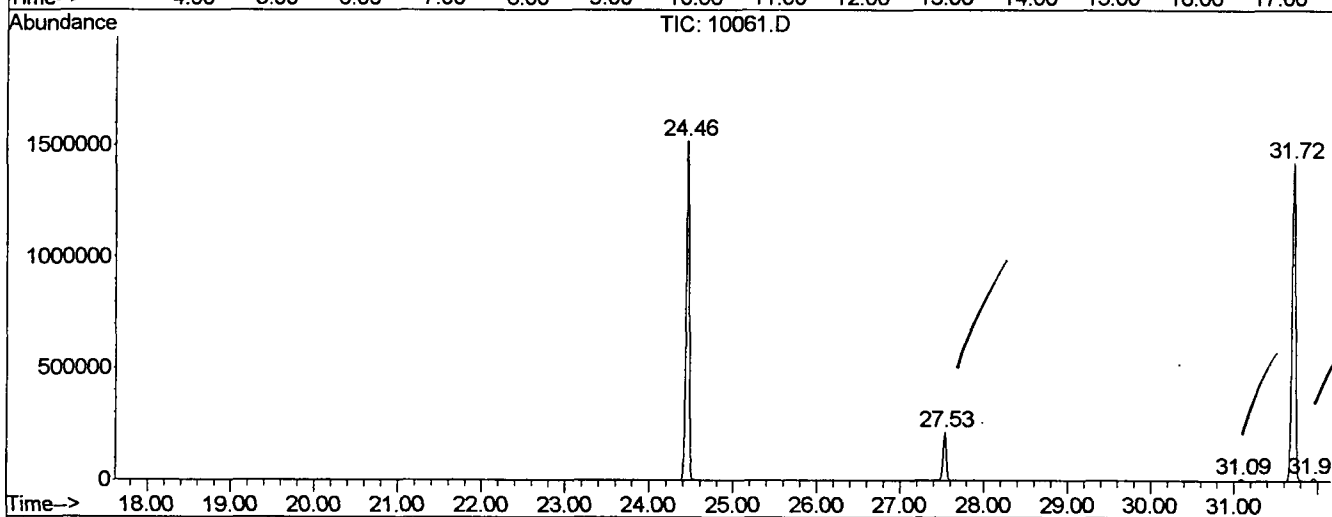
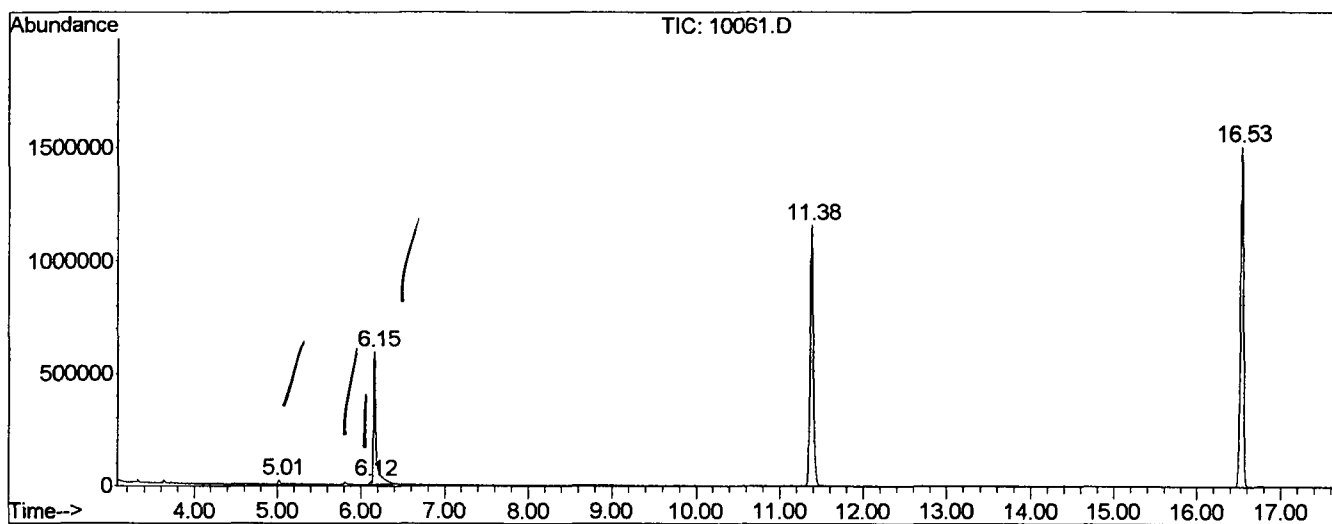
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.012	321	329	340	rBV6	19018	46358	1.07%	0.190%
2	6.123	510	518	520	rBV2	17190	31053	0.72%	0.128%
3	6.152	520	523	570	rVB	592333	1318919	30.50%	5.418%
4	11.376	1398	1412	1429	rBV	1158780	3058224	70.72%	12.563%
5	16.534	2275	2290	2303	rBV	1505014	3850024	89.03%	15.816%
6	24.460	3622	3639	3651	rBV2	1519271	4042268	93.48%	16.606%
7	27.533	4146	4162	4174	rBV3	215498	587823	13.59%	2.415%
8	31.088	4757	4767	4778	rVB3	10625	35684	0.83%	0.147%
9	31.717	4858	4874	4895	rBV2	1422363	4324284	100.00%	17.764%
10	31.952	4903	4914	4923	rBV4	14114	37592	0.87%	0.154%
11	39.931	6261	6272	6297	rBV2	1982576	3813654	88.19%	15.667%
12	40.518	6365	6372	6386	rVV2	149632	352630	8.15%	1.449%
13	43.151	6806	6820	6844	rBV2	1430785	2843880	65.77%	11.683%

Sum of corrected areas: 24342393

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020507\10061.D
Operator : Nefliu
Acquired : 8 May 2002 11:46 am using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: sample
Misc Info :
Vial Number: 25
Quant File :SCAN020507.RES (RTE Integrator)



Data File : C:\MSDCHEM\1\DATA\020507\10061.D
 Acq On : 8 May 2002 11:46 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

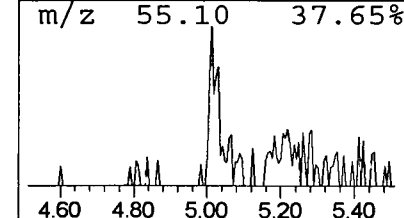
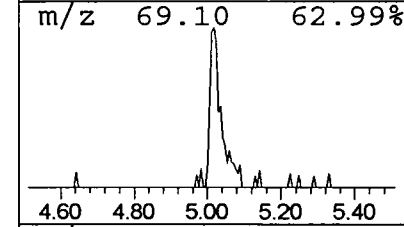
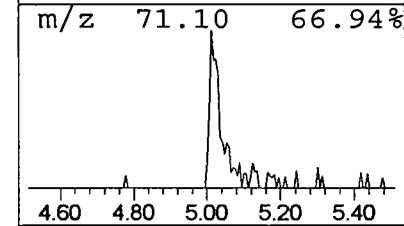
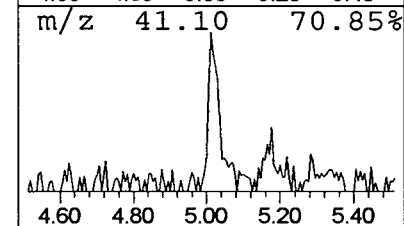
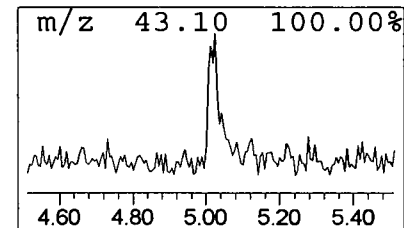
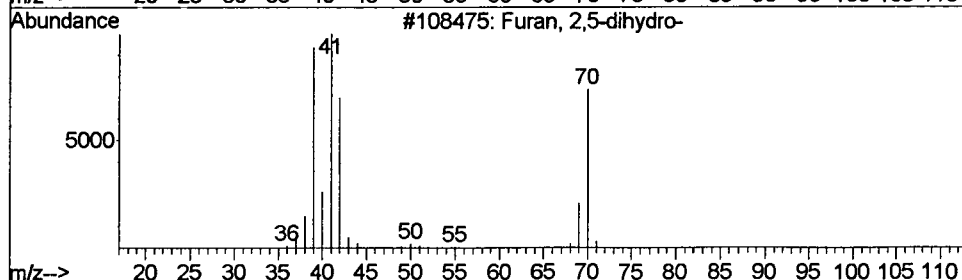
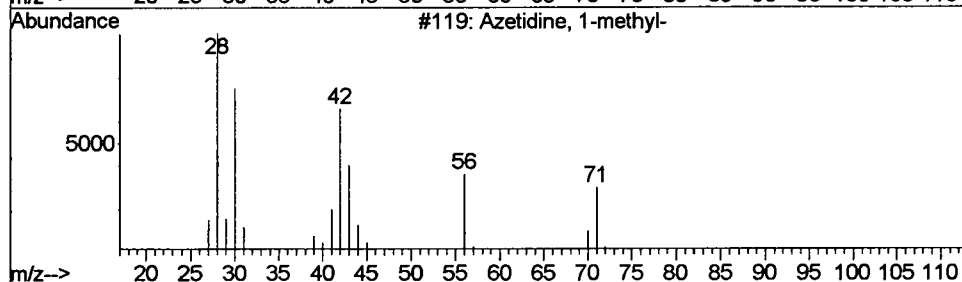
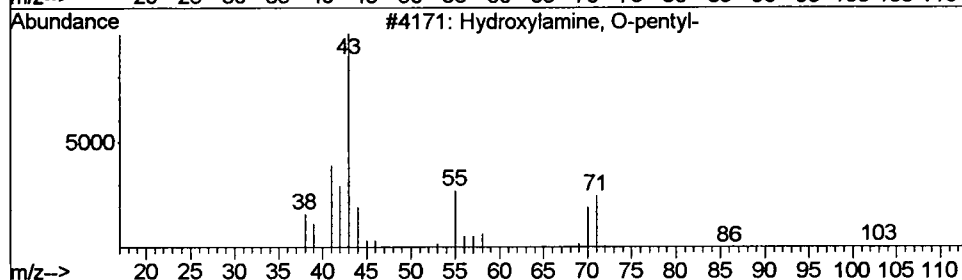
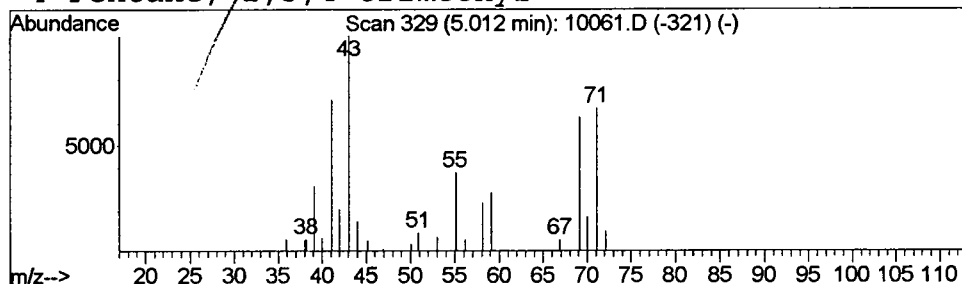
Vial: 25
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 1 Hydroxylamine, O-pentyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	0.61 ug/l	46358	1,4-Dichlorobenzene-d4	11.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hydroxylamine, O-pentyl-	103	C5H13NO	005963-74-6	10
2		Azetidine, 1-methyl-	71	C4H9N	004923-79-9	9
3		Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	9
4		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	9



Data File : C:\MSDCHEM\1\DATA\020507\10061.D
Acq On : 8 May 2002 11:46 am
Sample : sample
Misc :
MS Integration Params: rteint.e

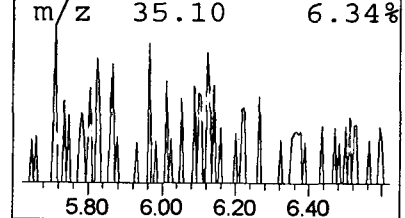
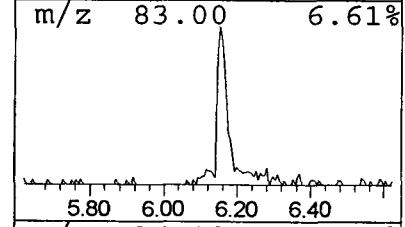
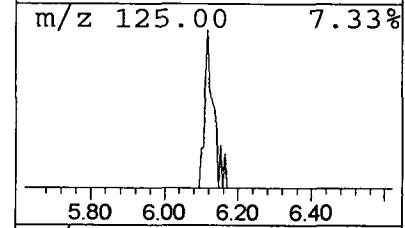
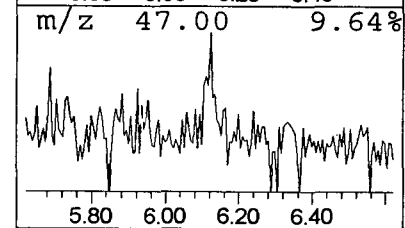
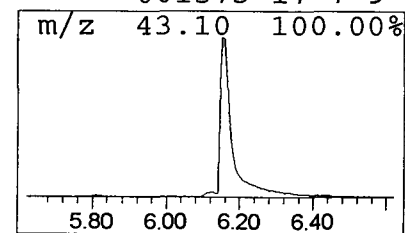
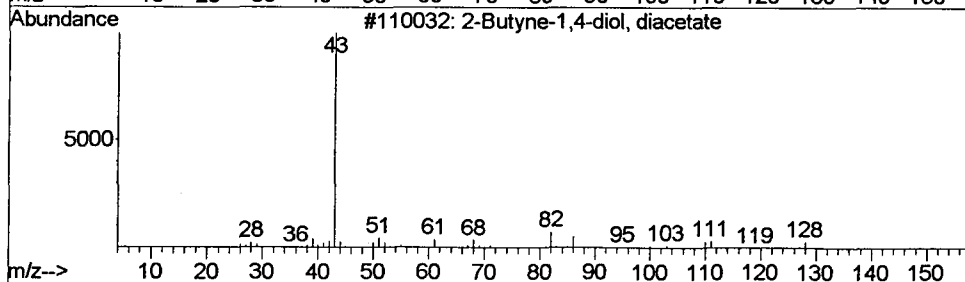
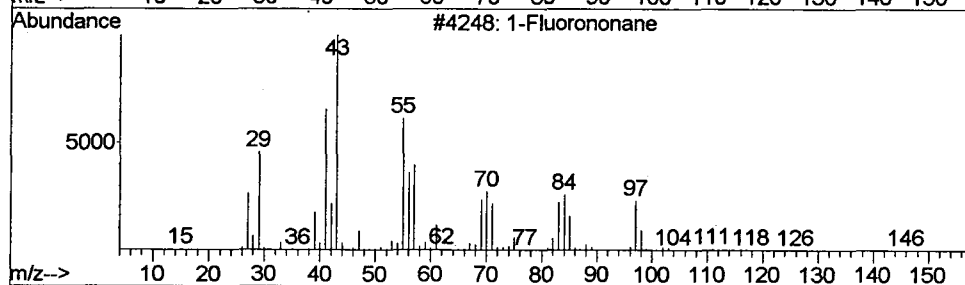
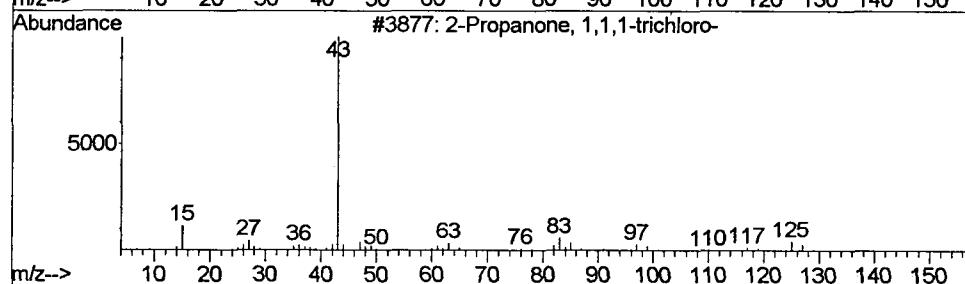
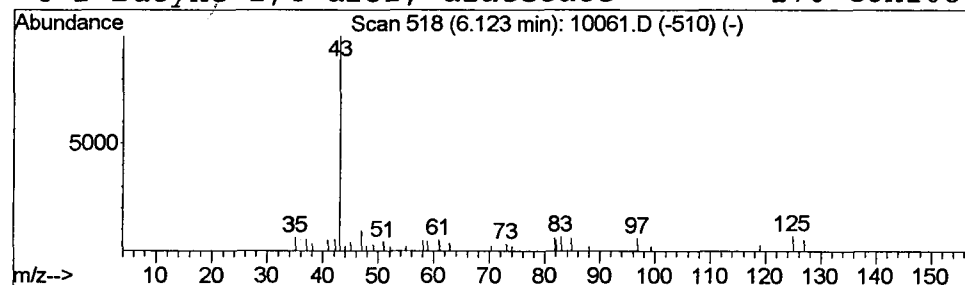
Vial: 25
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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.
6.12	0.41 ug/l	31053	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	38
2			1-Fluorononane	146	C9H19F	000463-18-3	9
3			2-Butyne-1,4-diol, diacetate	170	C8H10O4	001573-17-7	9
4			2-Butyne-1,4-diol, diacetate	170	C8H10O4	001573-17-7	9



Data File : C:\MSDCHEM\1\DATA\020507\10061.D
Acq On : 8 May 2002 11:46 am
Sample : sample
Misc :
MS Integration Params: rteint.e

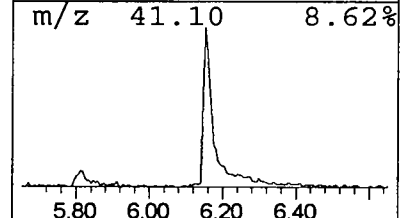
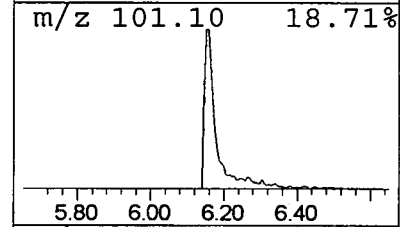
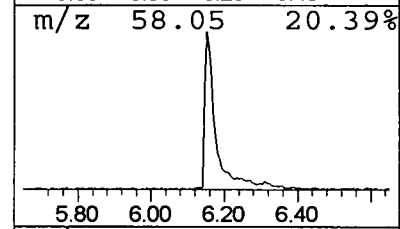
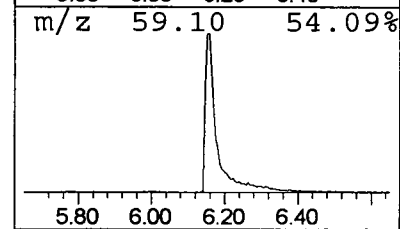
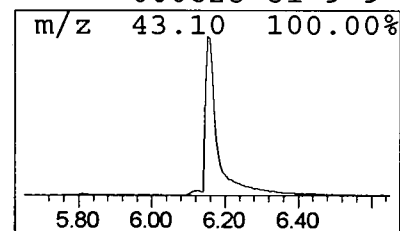
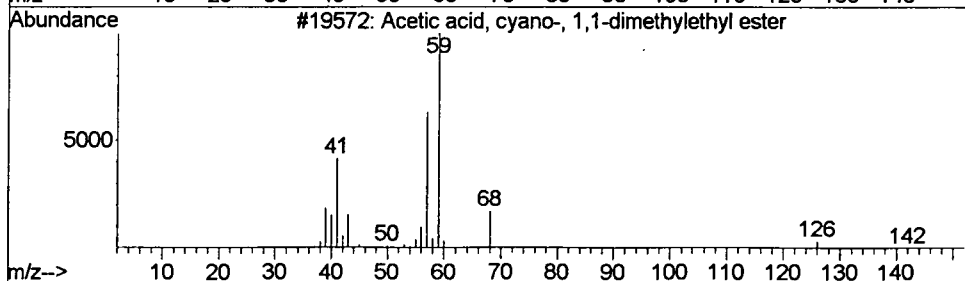
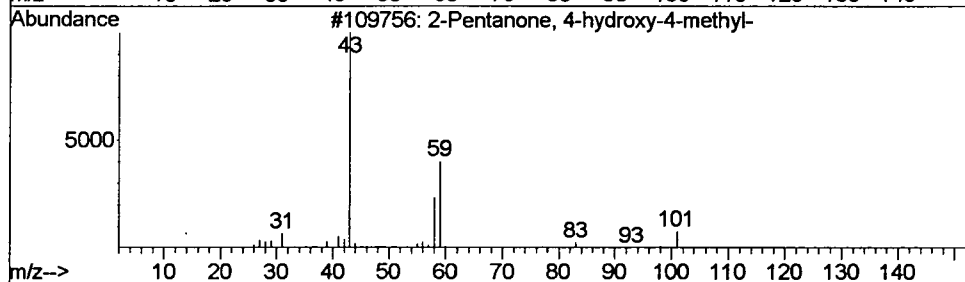
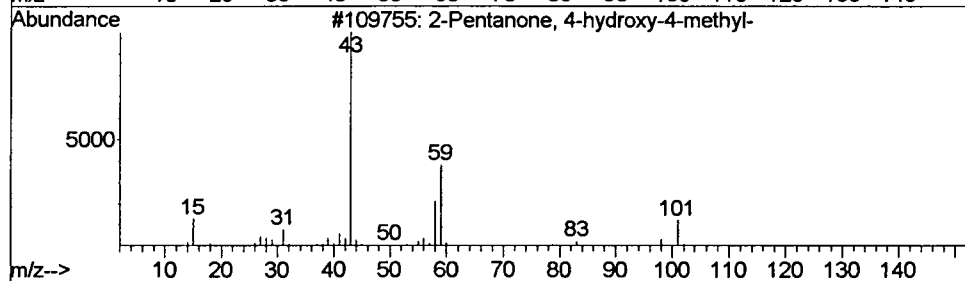
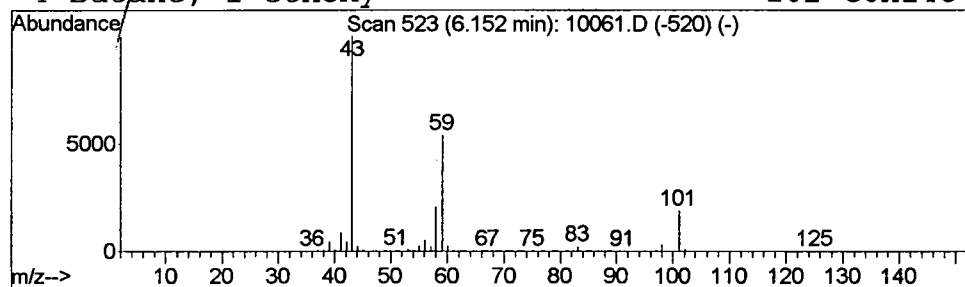
Vial: 25
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	17.25 ug/l	1318920	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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



Data File : C:\MSDCHEM\1\DATA\020507\10061.D
 Acq On : 8 May 2002 11:46 am
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 Misc :
 MS Integration Params: rteint.e

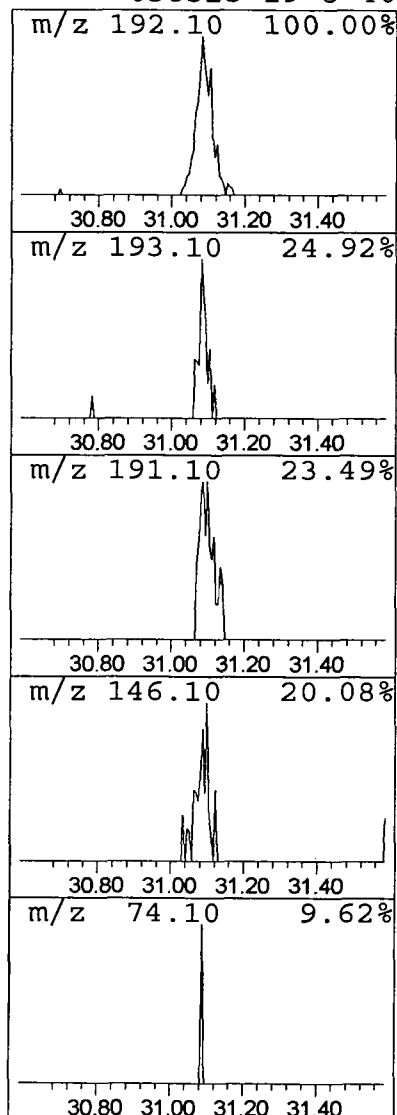
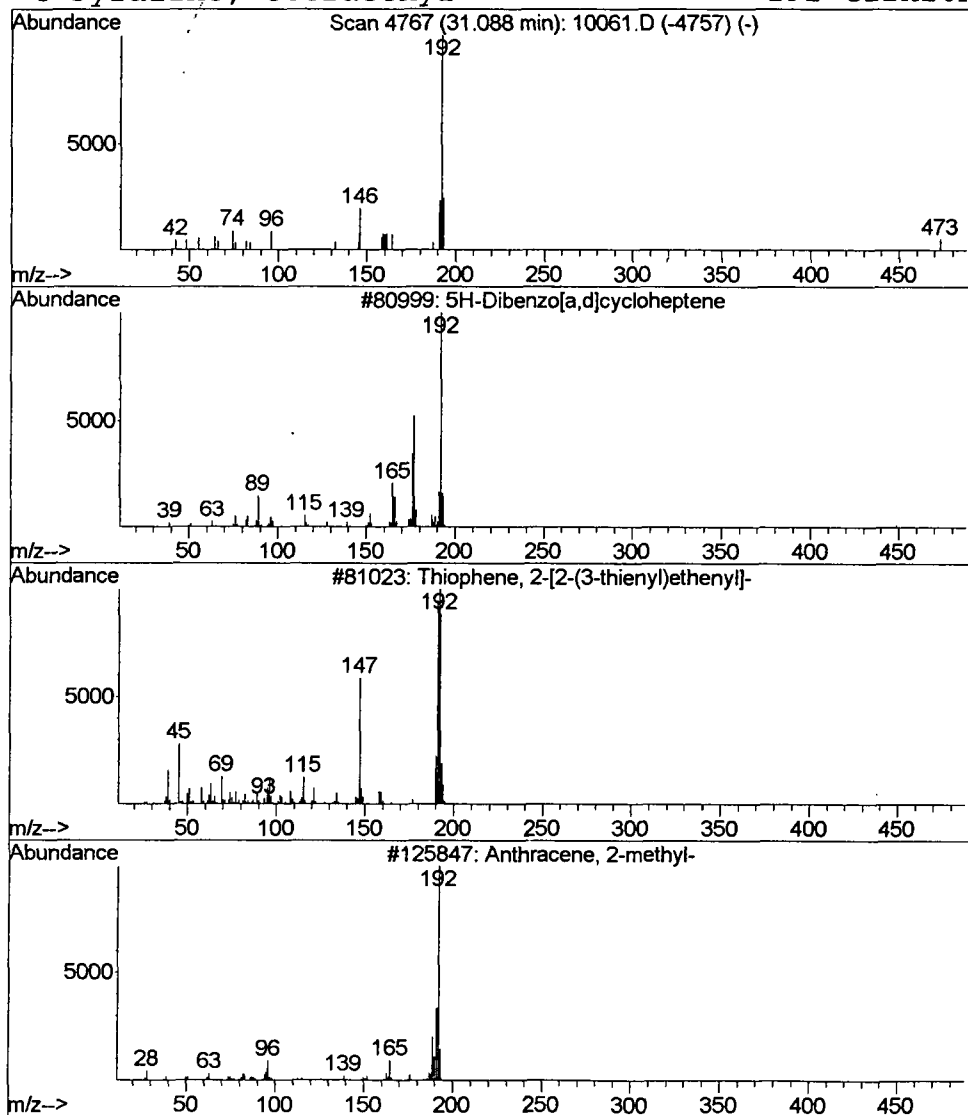
Vial: 25
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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	0.33 ug/l	35684	Phenanthrene-d10	31.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	45
2	Thiophene, 2-[2-(3-thienyl)ethen...	192	C10H8S2	116854-09-2	43
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	42
4	Pyrazine, tetraethyl-	192	C12H20N2	038325-19-8	40



Data File : C:\MSDCHEM\1\DATA\020507\10061.D

Acq On : 8 May 2002 11:46 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 25

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

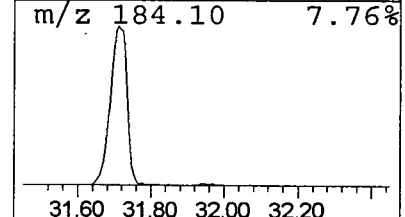
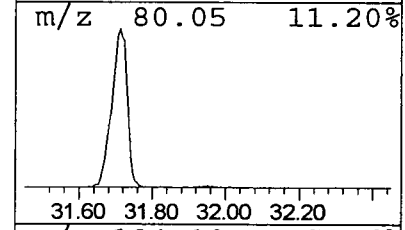
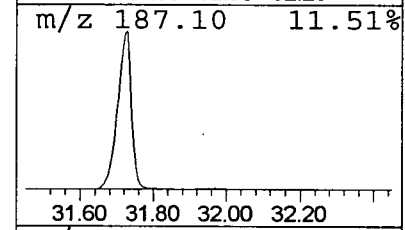
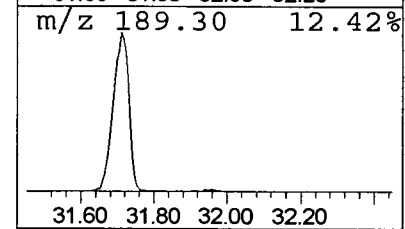
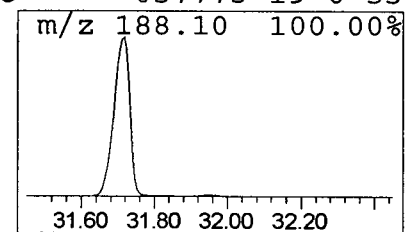
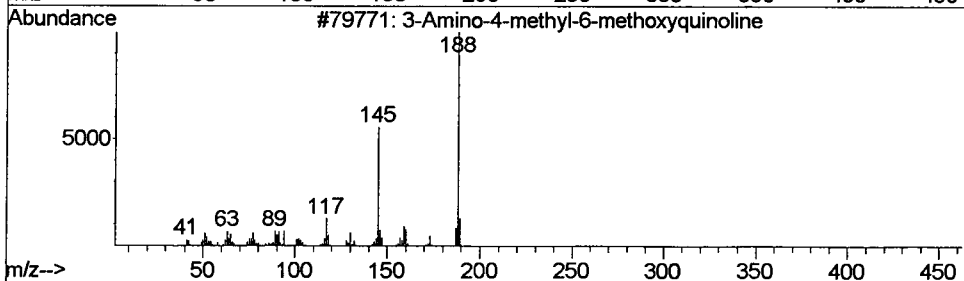
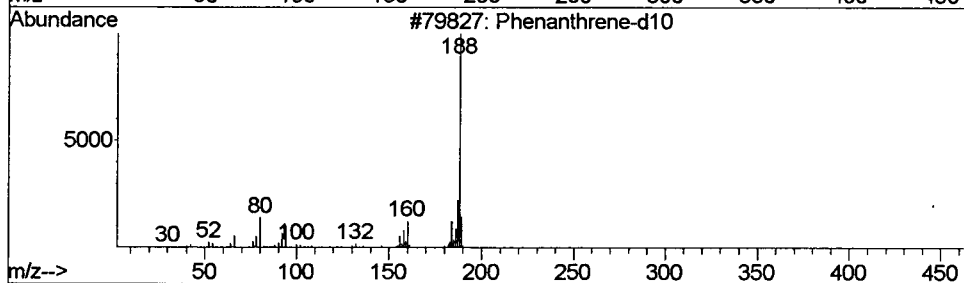
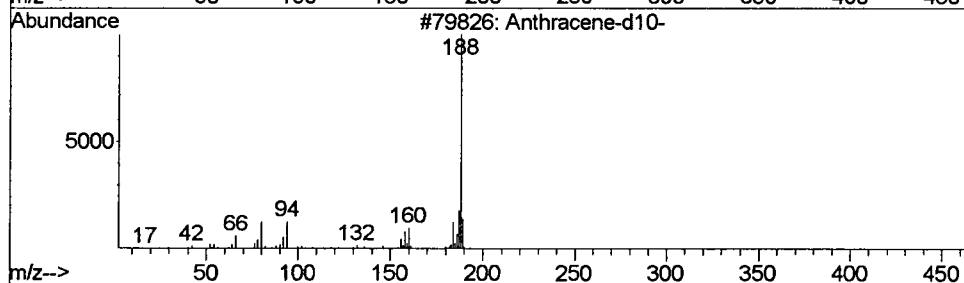
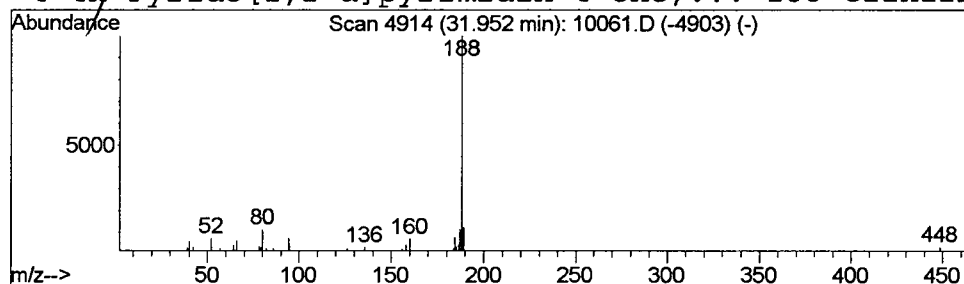
Title : Method 508 GC/MS Scan

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	37592	Phenanthrene-d10	31.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene-d10-	188	C14D10	001719-06-8	90
2		Phenanthrene-d10	188	C14D10	001517-22-2	72
3		3-Amino-4-methyl-6-methoxyquinoline	188	C11H12N2O	1000213-71-3	59
4		4H-Pyrido[1,2-a]pyrimidin-4-one,...	188	C11H12N2O	057773-19-0	53



Operator ID: Nefliu Date Acquired: 8 May 2002 11:46 am
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Name: sample
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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
Hydroxylamine, O-...	5.01	0.6	ug/l	46358	1	11.38	3058220	40.0
2-Propanone, 1,1,...	6.12	0.4	ug/l	31053	1	11.38	3058220	40.0
✓ 2-Pentanone, 4-hy...	6.15	17.3	ug/l	1318920	1	11.38	3058220	40.0
5H-Dibenzo[a,d]cy...	31.09	0.3	ug/l	35684	4	31.72	4324280	40.0
Anthracene-d10-	31.95	0.3	ug/l	37592	4	31.72	4324280	40.0

Phenanthrene-dro