

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 05/29/2002 Time: 15:12:11

Sample: AE11568
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 5/29/02 15:11 Ended: 5/29/02 15:11 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		88		10.0

Comments for Sample AE11568 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-29-2002 Time: 15:12:41

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

Quantitation Report

(QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020521\11568.D

Acq On : 22 May 2002 4:07 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Quant Time: May 24 09:41:28 2002

Vial: 21

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Quant Results File: SCAN020521.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)

Title : Method 508 GC/MS Scan

Last Update : Fri May 24 09:17:56 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	397078	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1488214	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	804149	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.71	188	1373956	40.00	ug/l	-0.03
38) Chrysene-d12	39.93	240	1015919	40.00	ug/l	-0.05
44) Perylene-d12	43.14	264	587110	40.00	ug/l	-0.04

System Monitoring Compounds

27) TCMX	27.55	207	226222	35.07	ug/l	-0.04
Spiked Amount	40.000		Recovery	=	87.67%	

Target Compounds

Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed
11568.D SCAN020521.M Fri May 24 09:42:25 2002 Page 1

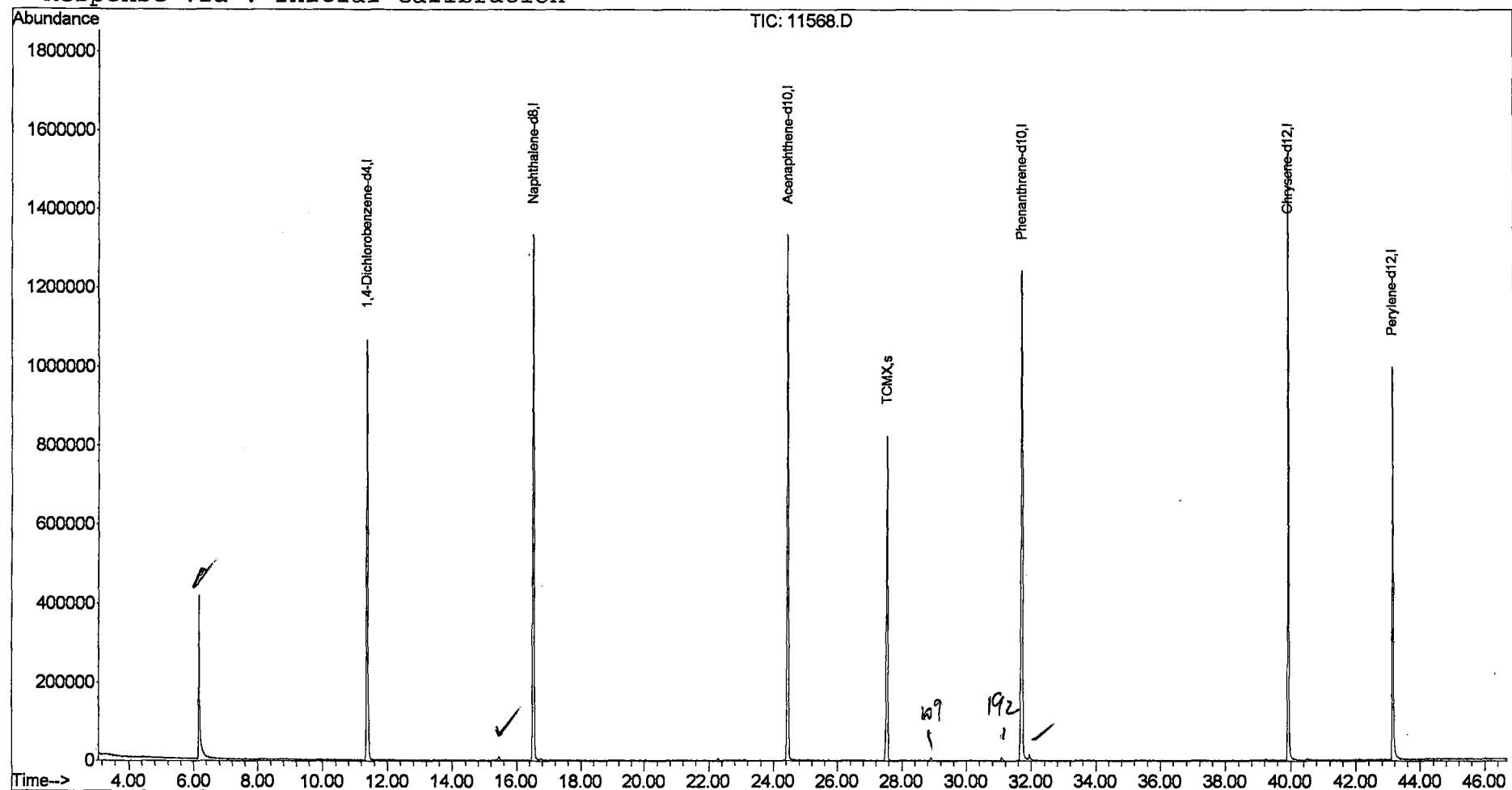
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020521\11568.D
 Acq On : 22 May 2002 4:07 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e
 Quant Time: May 24 9:42 2002

Vial: 21
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Results File: SCAN020521.RES

Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)
 Title : Method 508 GC/MS Scan
 Last Update : Fri May 24 09:17:56 2002
 Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020521\11568.D

Acq On : 22 May 2002 4:07 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 21

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)

Title : Method 508 GC/MS Scan

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 0.5 % 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

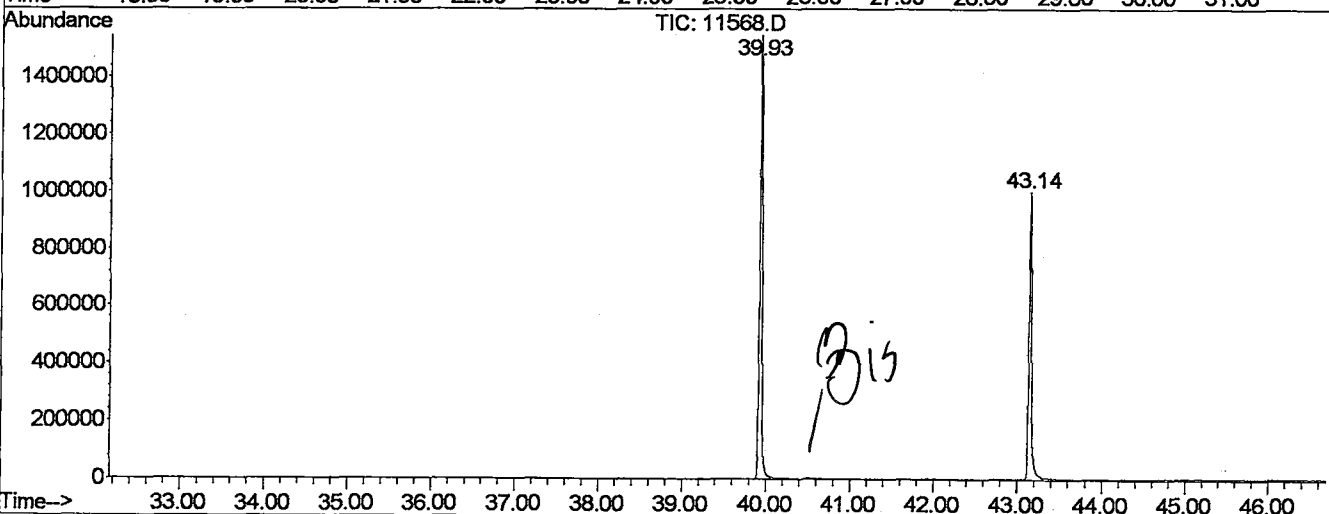
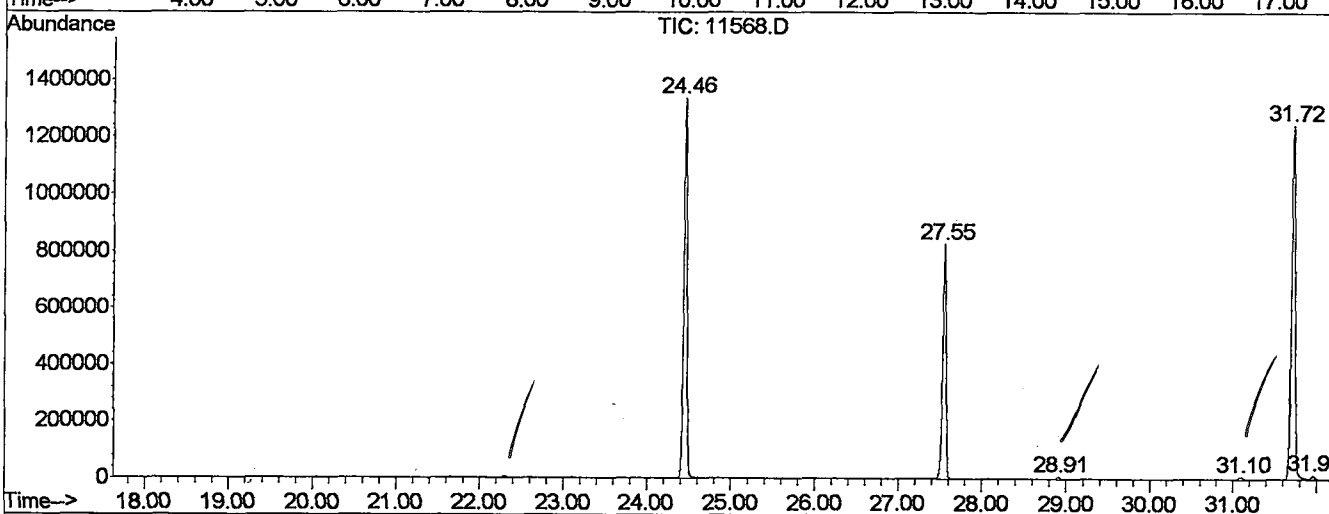
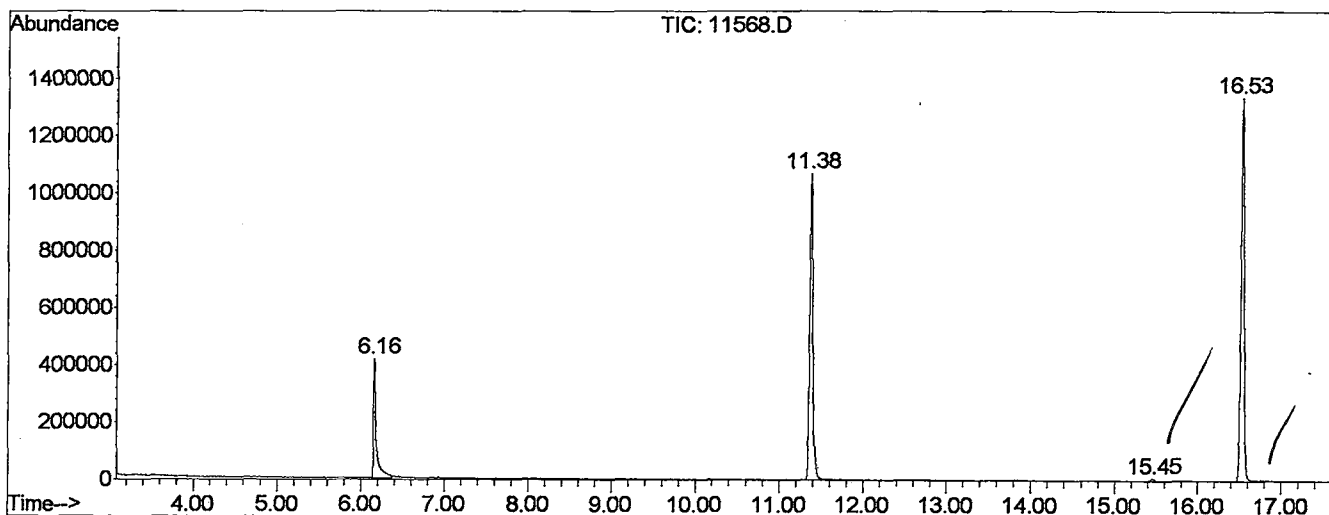
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.158	519	524	560	rBV	416211	951622	24.65%	4.265%
2	11.376	1401	1412	1434	rBV	1068051	2774837	71.87%	12.435%
3	15.453	2097	2106	2117	rVB2	9233	26333	0.68%	0.118%
4	16.534	2276	2290	2315	rBV	1335314	3456737	89.53%	15.491%
5	24.460	3622	3639	3656	rBV	1335308	3596866	93.16%	16.119%
6	27.551	4148	4165	4180	rBV3	826783	2331627	60.39%	10.449%
7	28.908	4387	4396	4408	rBV6	8009	23236	0.60%	0.104%
8	31.100	4756	4769	4779	rBV4	8393	29219	0.76%	0.131%
9	31.717	4857	4874	4904	rBV3	1244334	3860791	100.00%	17.302%
10	31.952	4907	4914	4926	rVB5	13365	36390	0.94%	0.163%
11	39.931	6262	6272	6292	rBV2	1543385	3125367	80.95%	14.006%
12	43.145	6809	6819	6846	rBV2	998882	2101041	54.42%	9.416%

Sum of corrected areas: 22314066

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020521\11568.D
 Operator : Nefliu
 Acquired : 22 May 2002 4:07 am using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 21
 Quant File :SCAN020521.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020521\11568.D

Acq On : 22 May 2002 4:07 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 21

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)

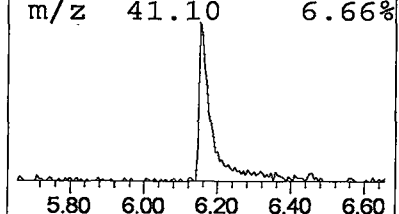
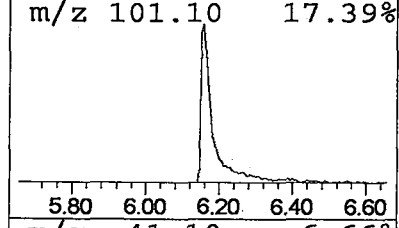
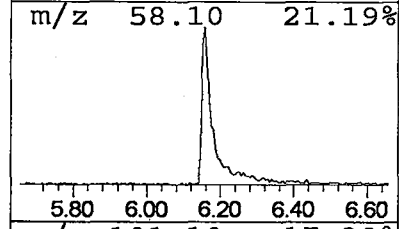
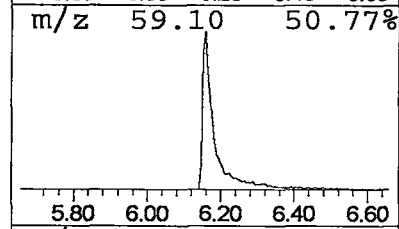
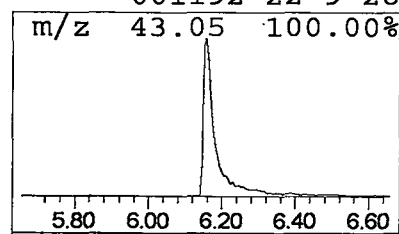
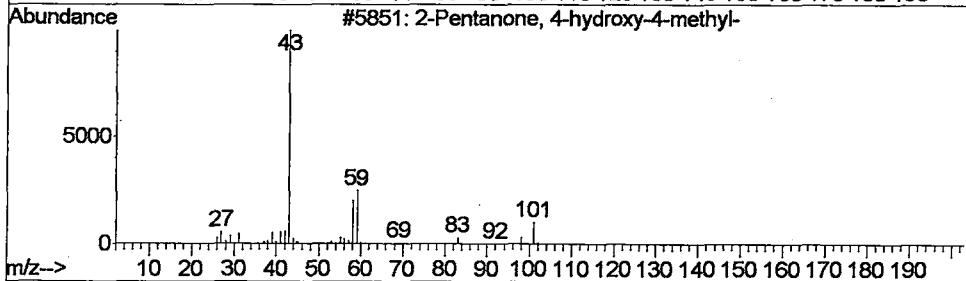
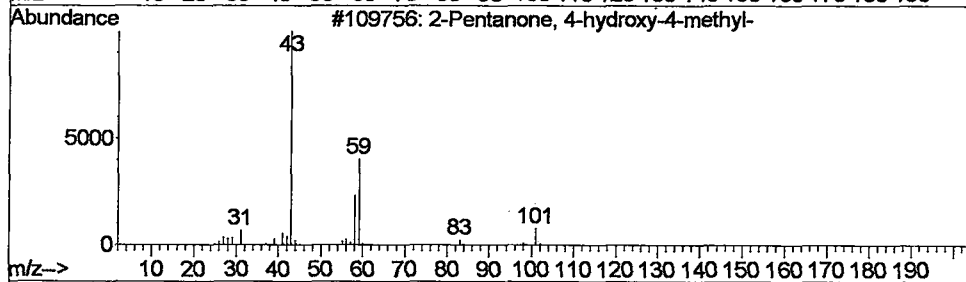
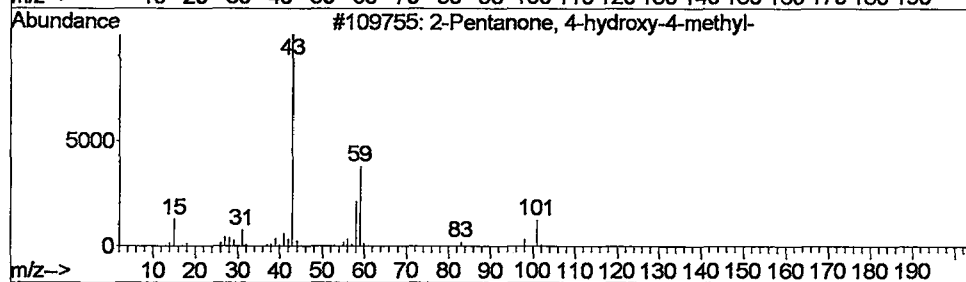
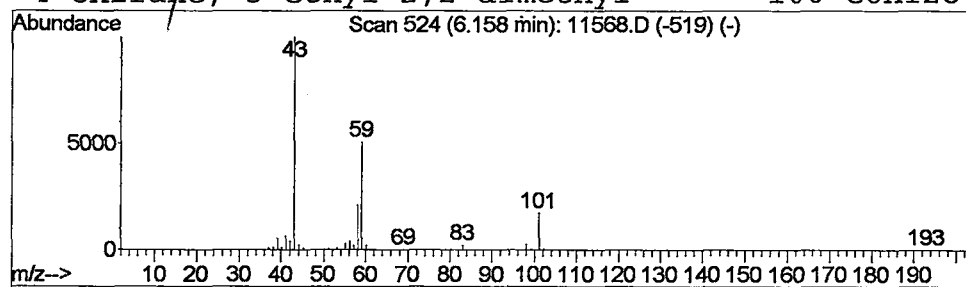
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.l

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	13.72 ug/l	951622	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	56		
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38		
4	Oxirane, 3-ethyl-2,2-dimethyl-	100	C6H12O	001192-22-9	28		



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020521\11568.D
Acq On : 22 May 2002 4:07 am
Sample : sample
Misc :
MS Integration Params: rteint.e

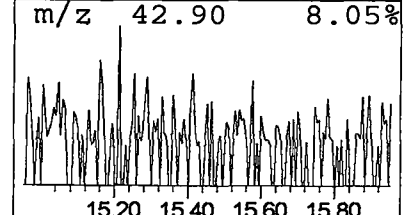
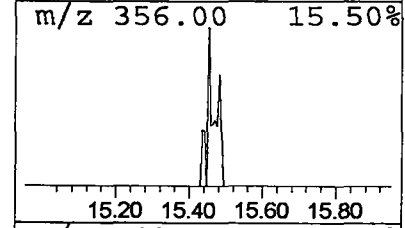
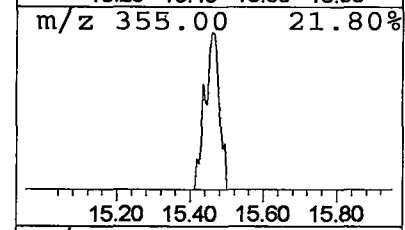
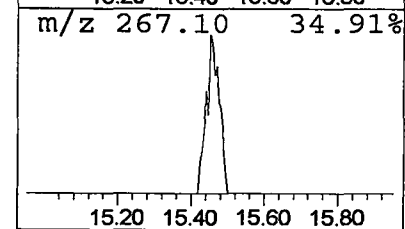
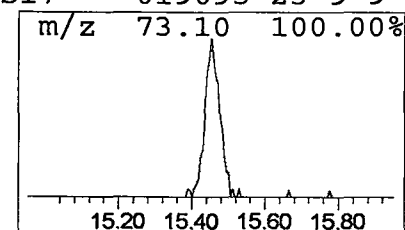
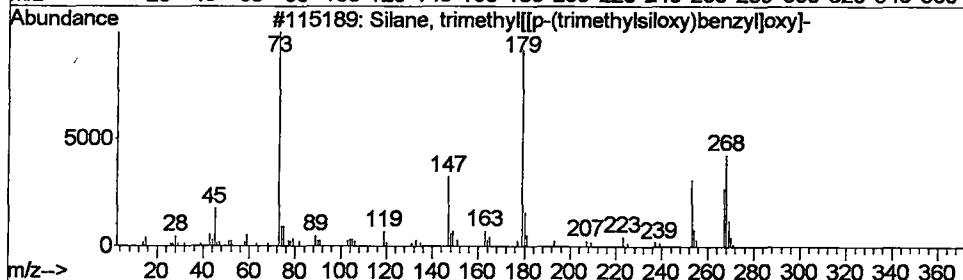
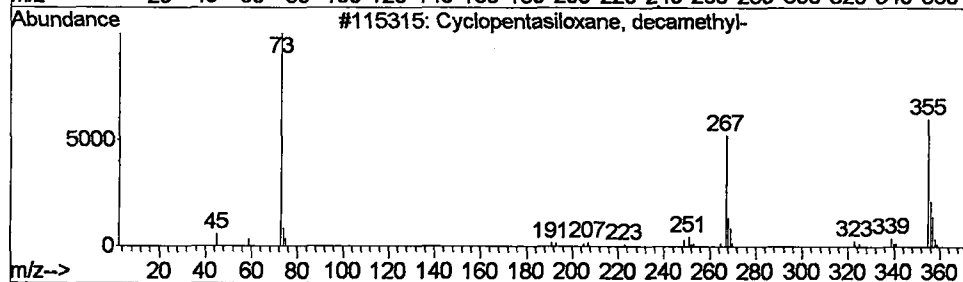
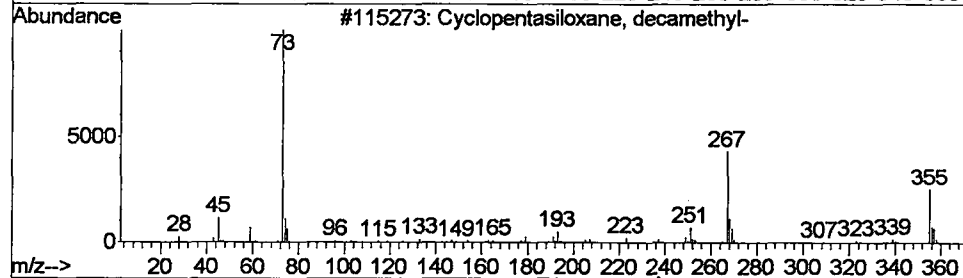
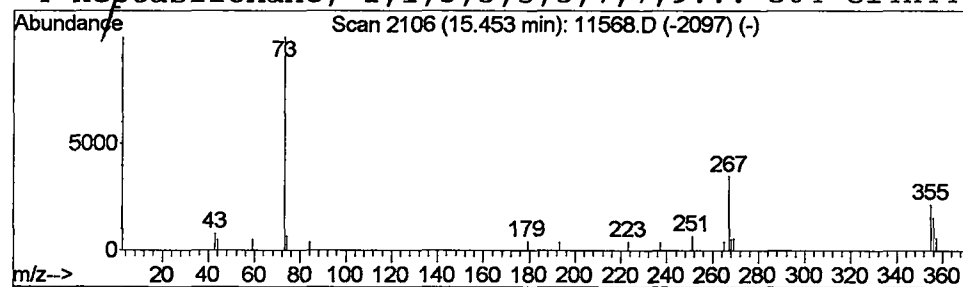
Vial: 21
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

Peak Number 2 Cyclopentasiloxane, decamet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	0.30 ug/l	26333	Naphthalene-d8	16.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	50
2		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	38
3		Silane, trimethyl[[p-(trimethyls...	268	C13H24O2Si2	018401-58-6	17
4		Heptasiloxane, 1,1,3,3,5,5,7,7,9...	504	C14H44O6Si7	019095-23-9	9



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020521\11568.D
Acq On : 22 May 2002 4:07 am
Sample : sample
Misc :
MS Integration Params: rteint.e

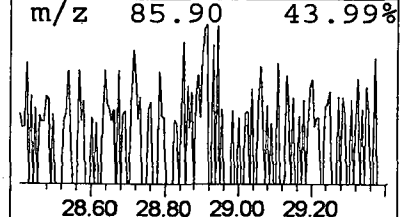
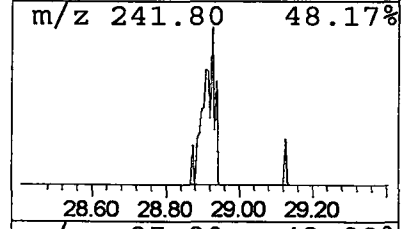
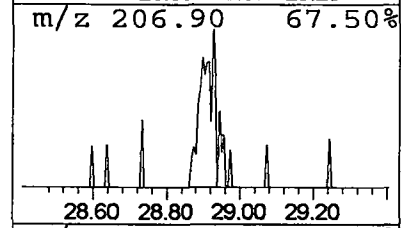
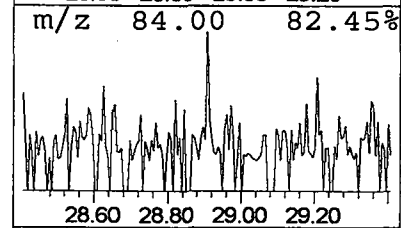
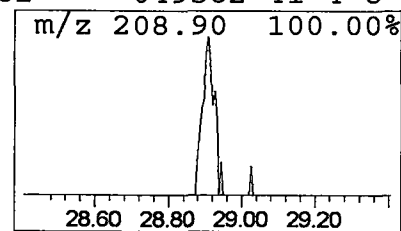
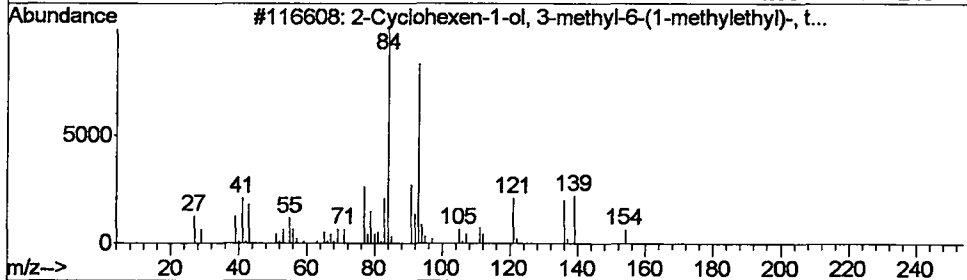
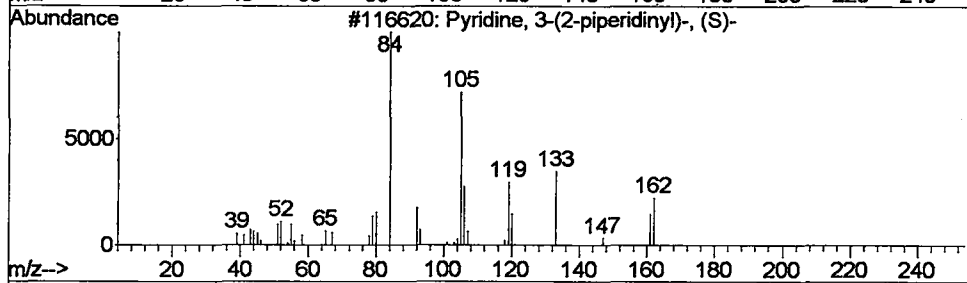
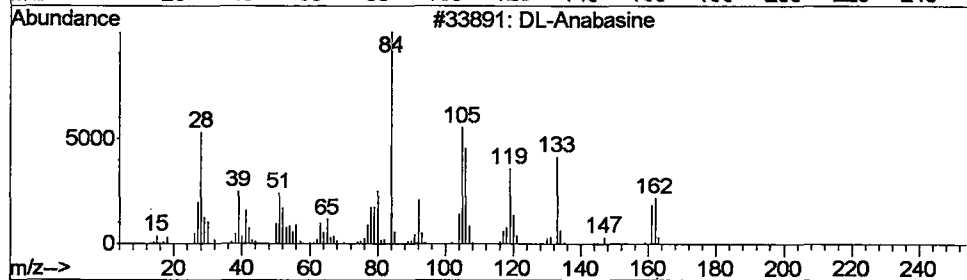
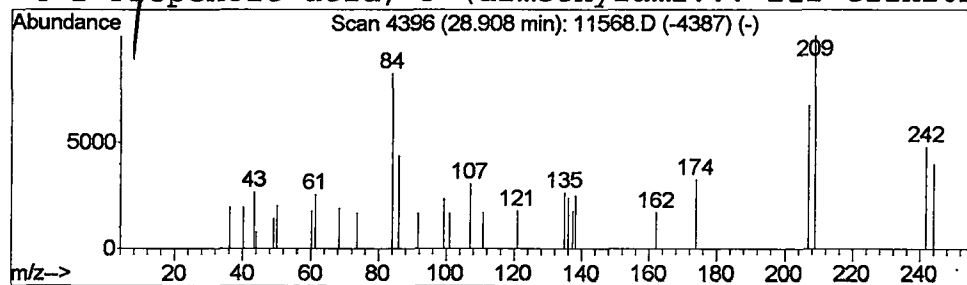
Vial: 21
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

Peak Number 3 DL-Anabasine Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.91	0.24 ug/l	23236	Phenanthrene-d10	31.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	DL-Anabasine	162	C10H14N2	013078-04-1	9
2		Pyridine, 3-(2-piperidinyl)-, (S)-	162	C10H14N2	000494-52-0	9
3		2-Cyclohexen-1-ol, 3-methyl-6-(1...	154	C10H18O	016721-39-4	9
4		2-Propenoic acid, 3-(dimethylami...	212	C11H20N2O2	049582-41-4	8



Library Search Compound Report

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Acq On : 22 May 2002 4:07 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 21

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)

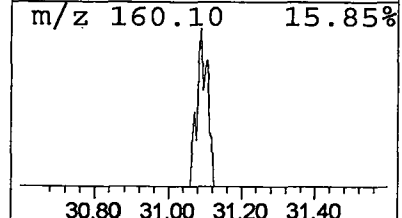
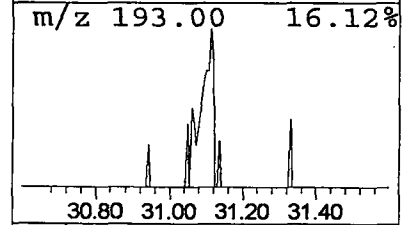
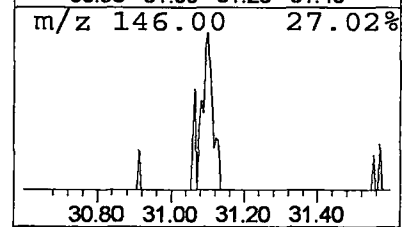
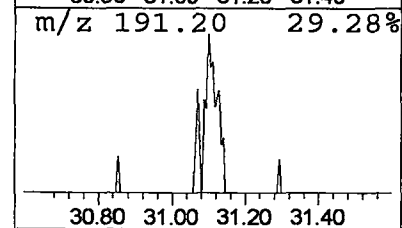
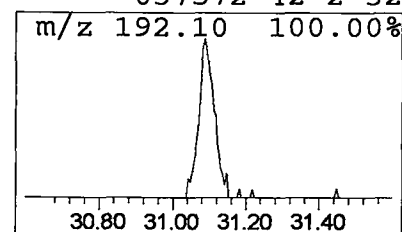
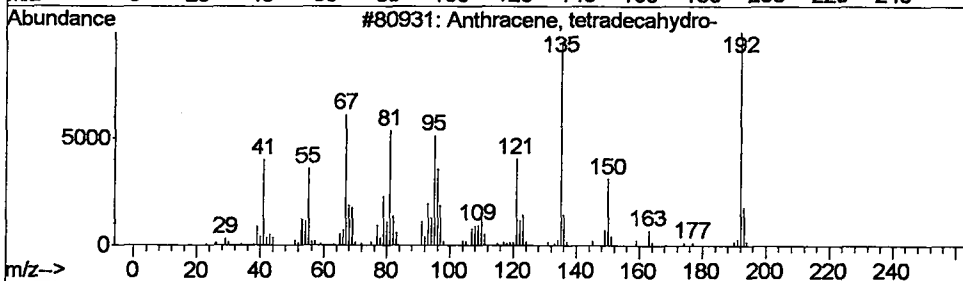
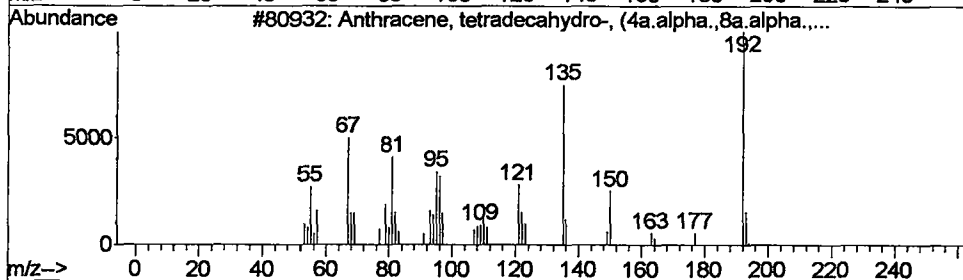
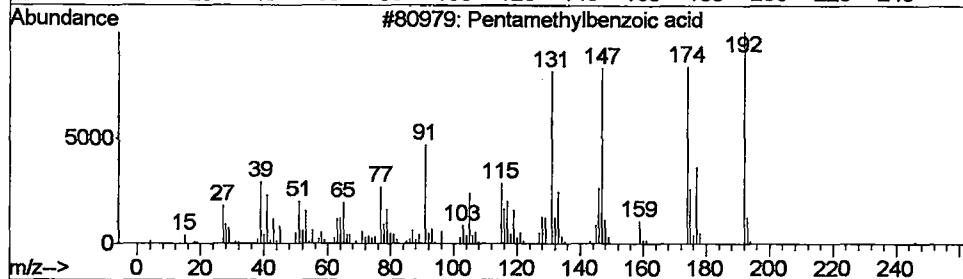
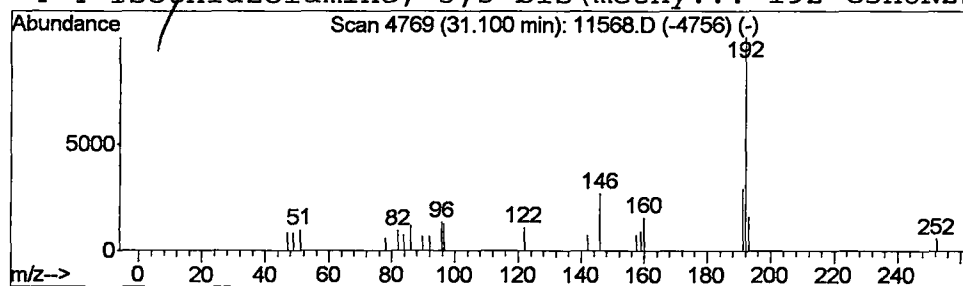
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.1

Peak Number 4 Pentamethylbenzoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.10	0.30 ug/l	29219	Phenanthrene-d10	31.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentamethylbenzoic acid	192	C12H16O2	002243-32-5	47
2			Anthracene, tetradecahydro-, (4a...	192	C14H24	001755-19-7	47
3			Anthracene, tetradecahydro-	192	C14H24	006596-35-6	47
4			4-Isotiazolamine, 3,5-bis(methy...	192	C5H8N2S3	037572-42-2	32



Library Search Compound Report

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Acq On : 22 May 2002 4:07 am
Sample : sample
Misc :
MS Integration Params: rteint.e

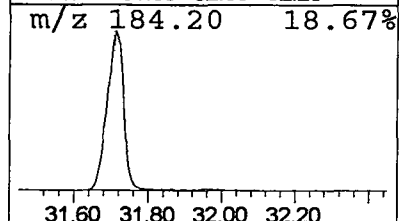
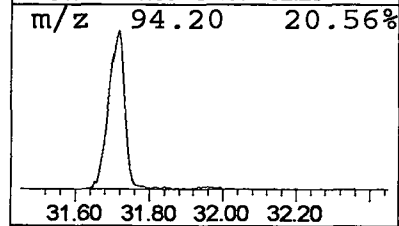
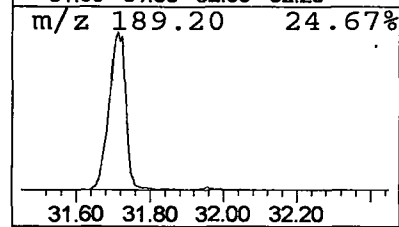
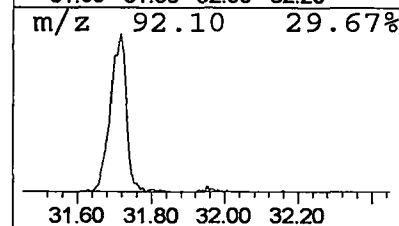
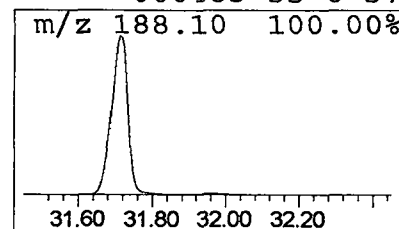
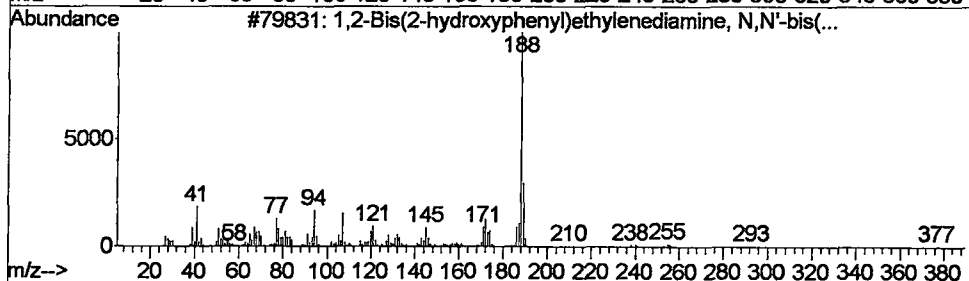
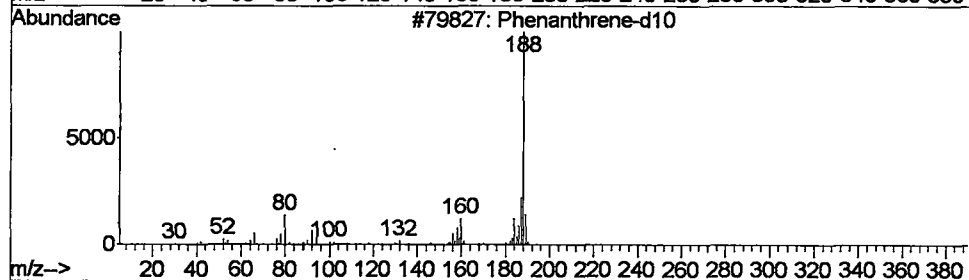
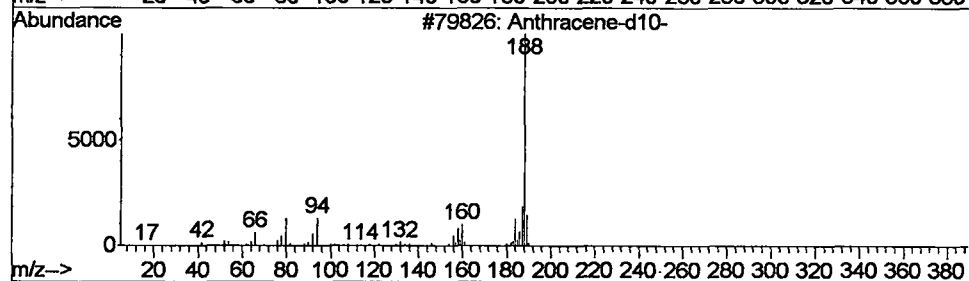
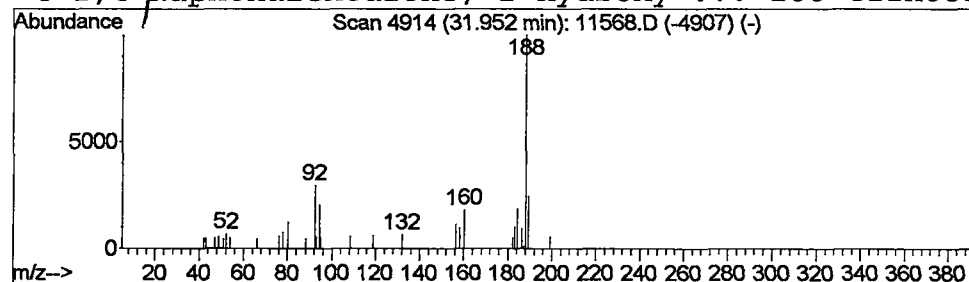
Vial: 21
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020521.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.1

Peak Number 5 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.95	0.38 ug/l	36390	Phenanthrene-d10	31.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
✓ 1			Anthracene-d10-	188	C14D10	001719-06-8	53
2			Phenanthrene-d10	188	C14D10	001517-22-2	53
3			1,2-Bis(2-hydroxyphenyl)ethylene...	376	C24H28N2O2	1000187-13-2	50
4			1,4-Naphthalenedione, 2-hydroxy-...	188	C11H8O3	000483-55-6	37



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 22 May 2002 4:07 am
Data File: C:\MSDCHEM\1\DATA\020521\11568.D
Name: sample
Misc:
Method: C:\MSDCHEM\1\METHODS\SCAN020521.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
2-Pentanone, 4-hy...	6.16	13.7	ug/l	951622	1	11.38	2774840	40.0
- Cyclopentasiloxan...	15.45	0.3	ug/l	26333	2	16.53	3456740	40.0
DL-Anabasine	28.91	0.2	ug/l	23236	4	31.71	3860790	40.0
Pentamethylbenzoi...	31.10	0.3	ug/l	29219	4	31.71	3860790	40.0
- Anthracene-d10-	31.95	0.4	ug/l	36390	4	31.71	3860790	40.0