

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 05/20/2002 Time: 10:23:46

Sample: AE10240
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 5/20/02 10:23 Ended: 5/20/02 10:23 Analyst: DLV
 Page: 1

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

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Comments for Sample AE10240 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-20-2002 Time: 10:24:17

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\020509\10240.D
 Acq On : 10 May 2002 3:25 am
 Sample : sample
 Misc :
 MS Integration Params: lscint.e
 Quant Time: May 10 08:24:42 2002

Vial: 18
 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	595174	40.00	ug/l	-0.01
10) Naphthalene-d8	16.54	136	2253225	40.00	ug/l	-0.03
17) Acenaphthene-d10	24.46	164	1201776	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	2069565	40.00	ug/l	-0.02
38) Chrysene-d12	39.94	240	1727301	40.00	ug/l	-0.05
44) Perylene-d12	43.16	264	1086466	40.00	ug/l	-0.02
System Monitoring Compounds						
27) TCMX	27.54	207	72673	7.57	ug/l	-0.04
Spiked Amount	10.000		Recovery	=	75.70%	
Target Compounds						
35) Di-n-butylphthalate	34.80	149	8835	0.13	ug/l	Qvalue 98

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020509\10240.D

Vial: 18

Acq On : 10 May 2002 3:25 am

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: lscint.e

Quant Time: May 10 8:25 2002

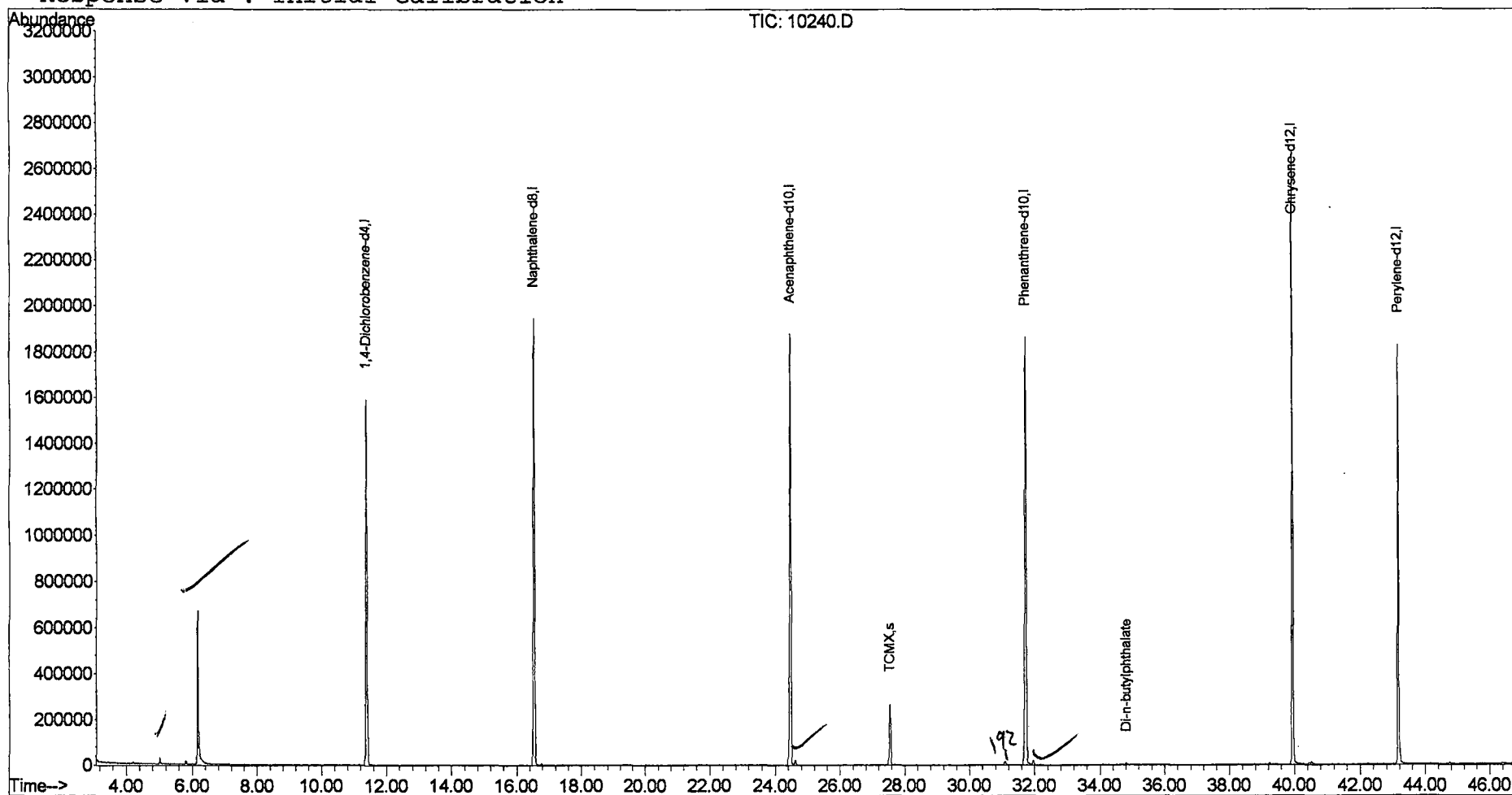
Quant Results File: SCAN020507.RES

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



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020509\10240.D
 Acq On : 10 May 2002 3:25 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

Vial: 18
 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

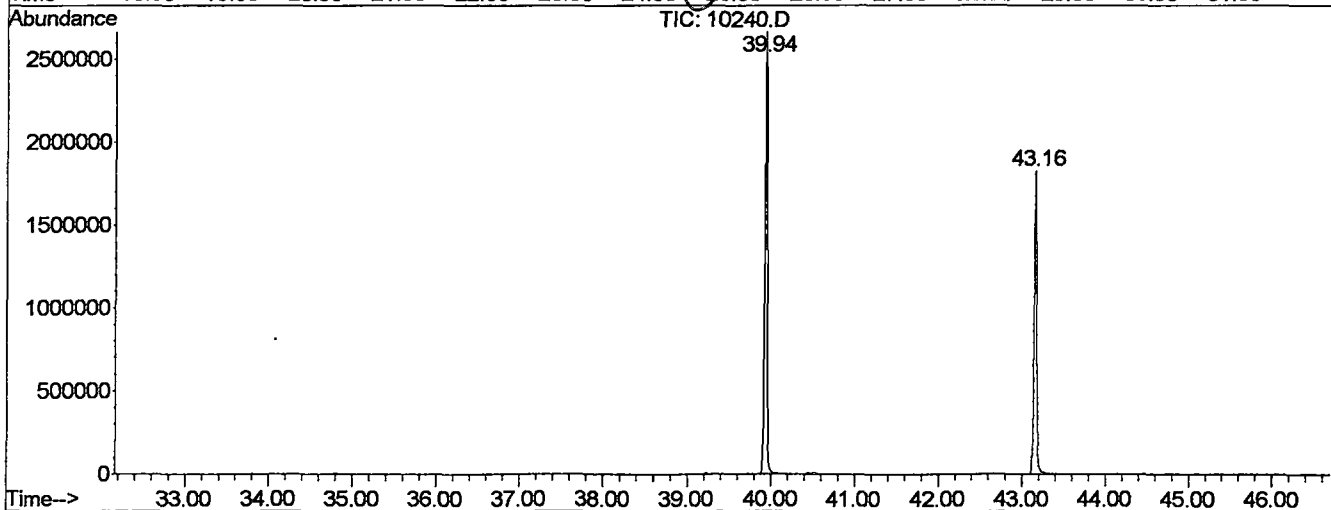
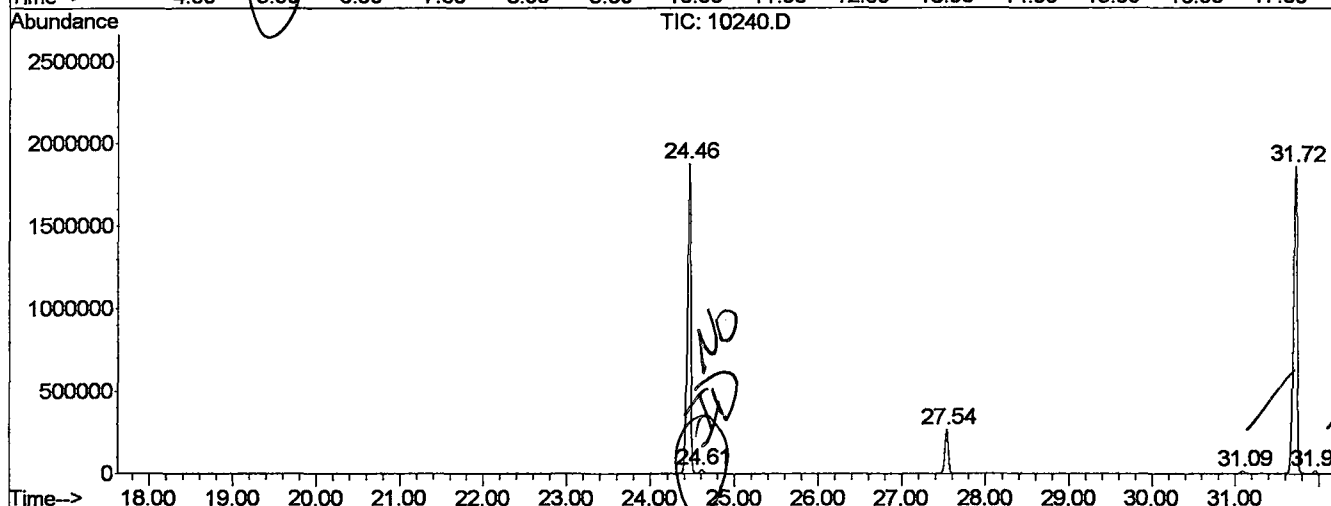
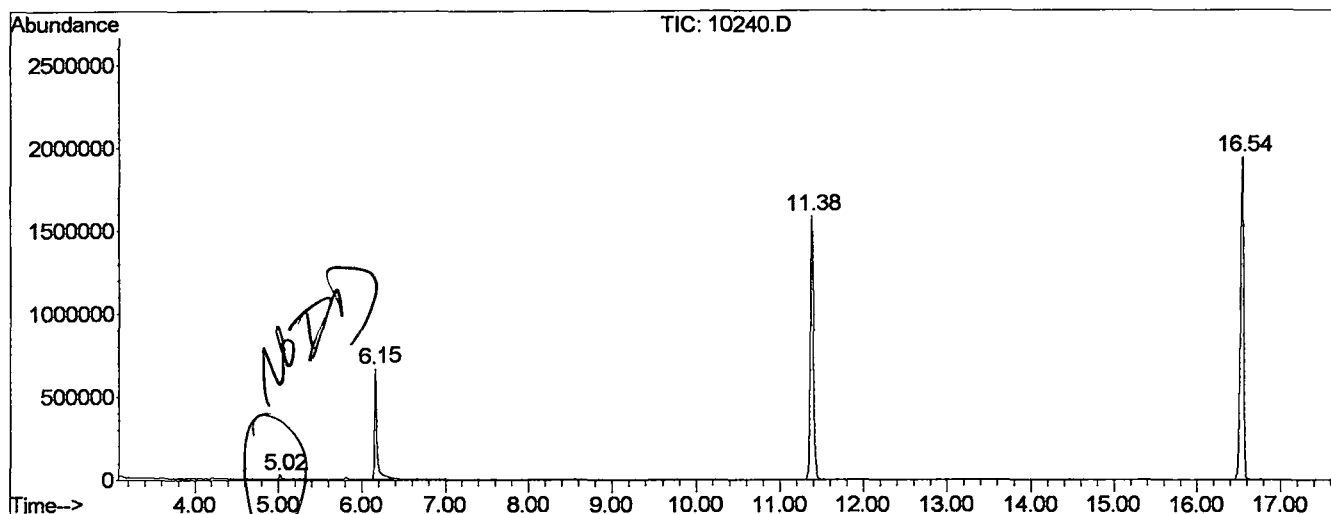
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.018	324	330	343	rVB3	26568	52160	0.89%	0.164%
2	6.152	518	523	560	rBV	668673	1344433	23.05%	4.216%
3	11.376	1400	1412	1433	rBV	1588361	4115965	70.56%	12.908%
4	16.540	2275	2291	2313	rBV	1943112	5224834	89.57%	16.385%
5	24.460	3621	3639	3655	rBV	1877216	5399985	92.58%	16.935%
6	24.607	3657	3664	3680	rVB4	21850	62200	1.07%	0.195%
7	27.539	4148	4163	4174	rBV3	268004	753005	12.91%	2.361%
8	31.094	4757	4768	4779	rBV3	14133	44332	0.76%	0.139%
9	31.723	4848	4875	4888	rBV2	1861628	5832999	100.00%	18.292%
10	31.964	4905	4916	4927	rVB6	18496	56133	0.96%	0.176%
11	39.937	6262	6273	6292	rBV2	2665510	5237488	89.79%	16.425%
12	43.157	6808	6821	6846	rBV2	1826851	3763896	64.53%	11.804%

Sum of corrected areas: 31887430

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020509\10240.D
 Operator : Nefliu
 Acquired : 10 May 2002 3:25 am using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 18
 Quant File :SCAN020507.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020509\10240.D
 Acq On : 10 May 2002 3:25 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

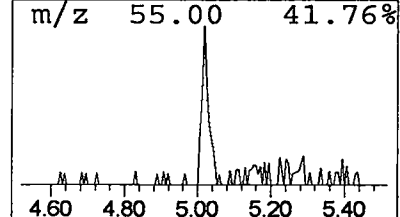
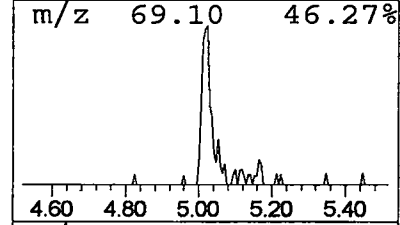
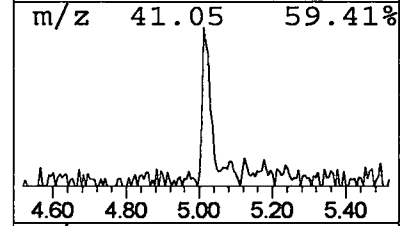
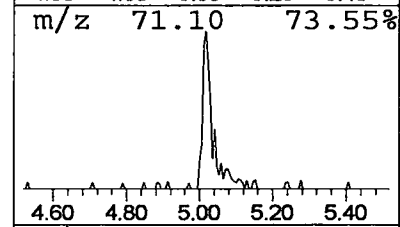
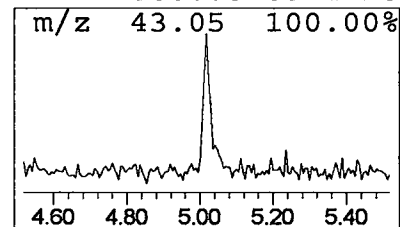
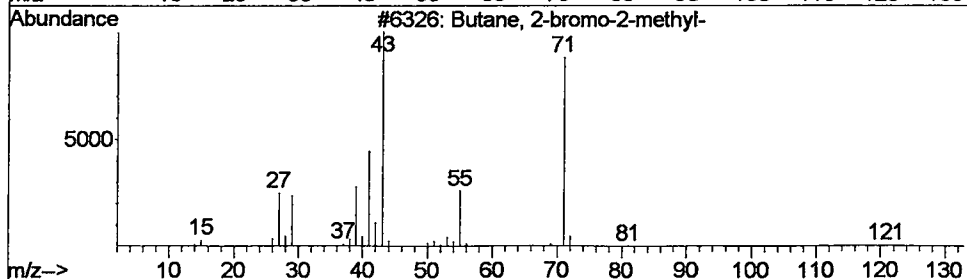
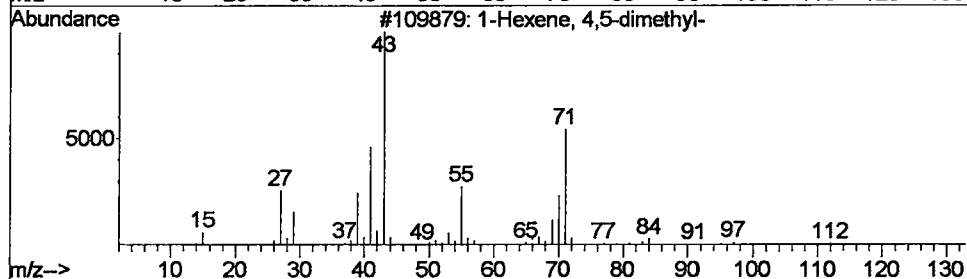
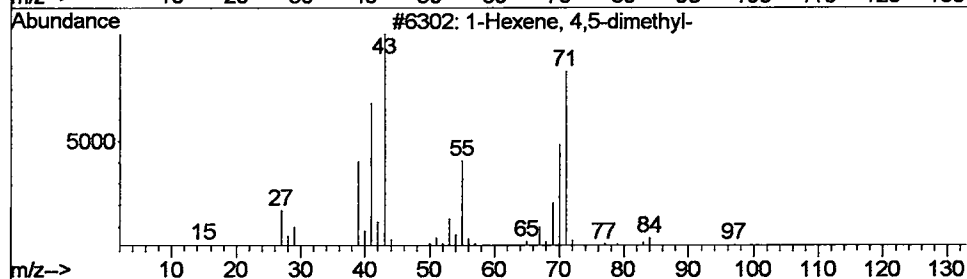
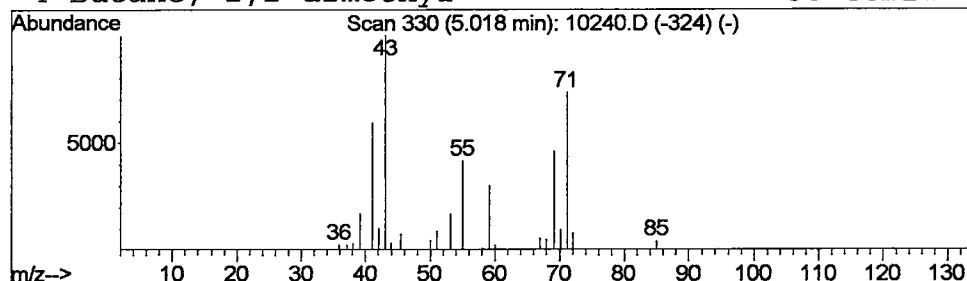
Vial: 18
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 1 1-Hexene, 4,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	0.51 ug/l	52160	1,4-Dichlorobenzene-d4	11.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	36
2			1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	33
3			Butane, 2-bromo-2-methyl-	150	C5H11Br	000507-36-8	28
4			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	25



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020509\10240.D
 Acq On : 10 May 2002 3:25 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

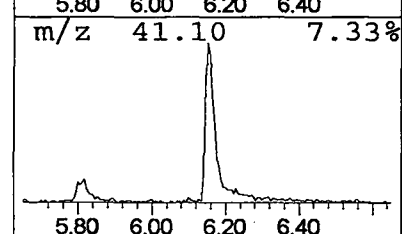
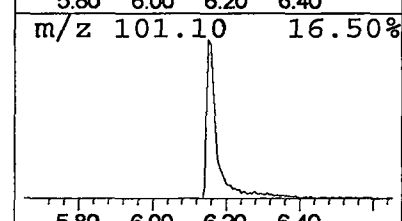
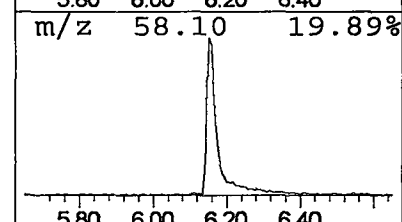
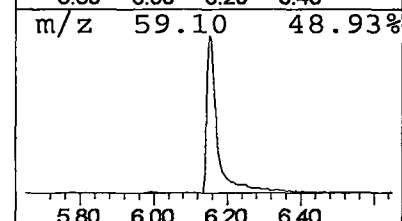
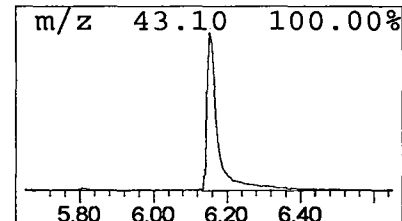
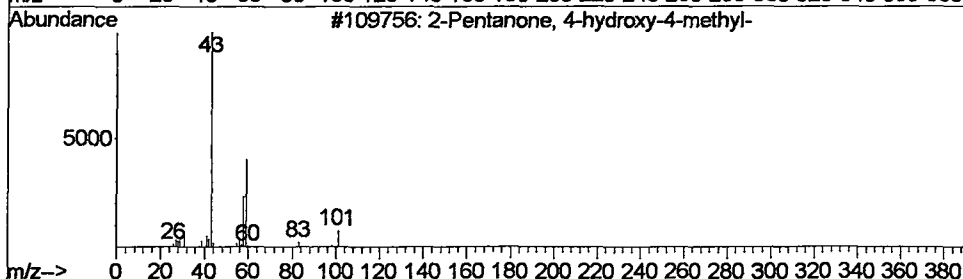
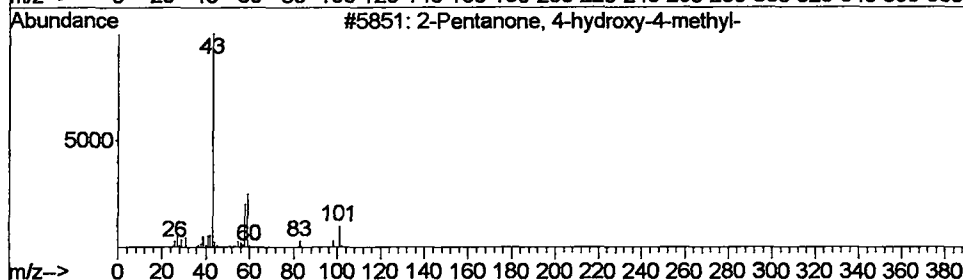
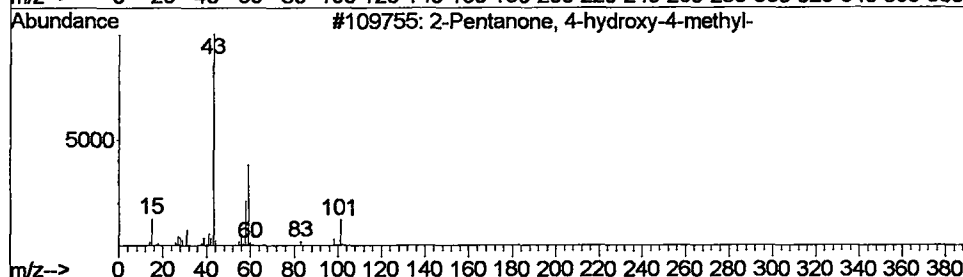
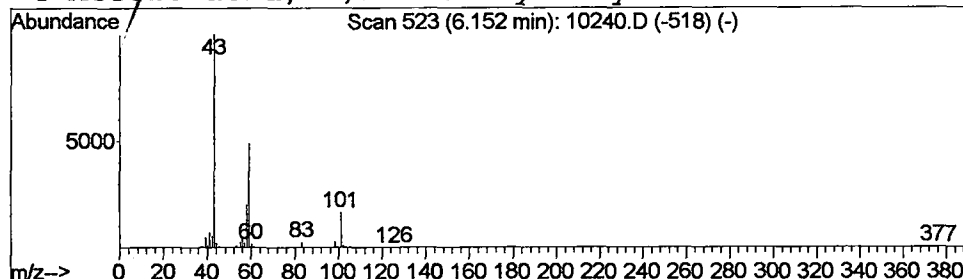
Vial: 18
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	13.07 ug/l	1344430	1,4-Dichlorobenzene-d4	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
3		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
4		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020509\10240.D
 Acq On : 10 May 2002 3:25 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

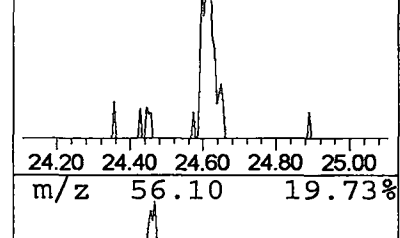
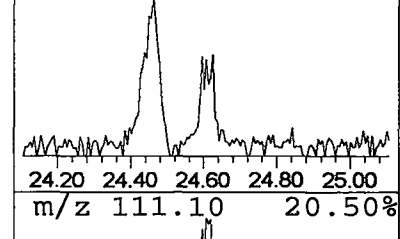
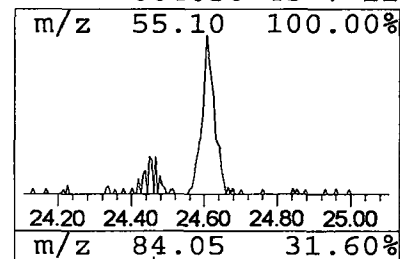
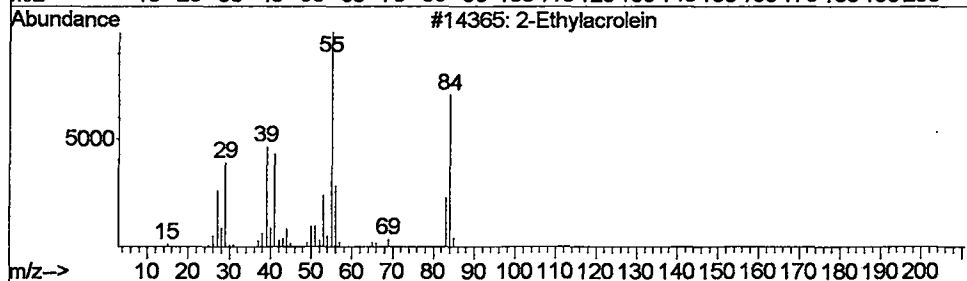
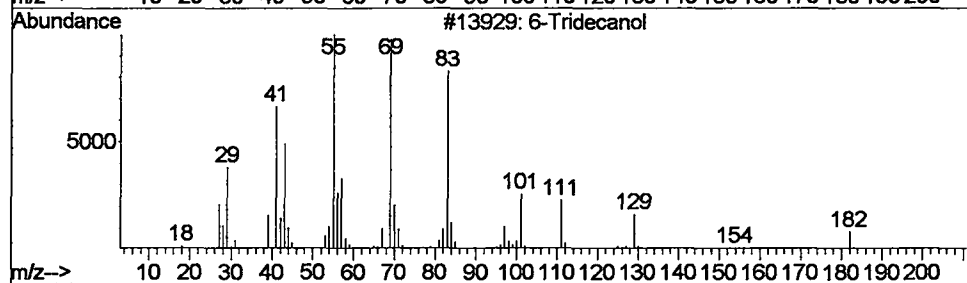
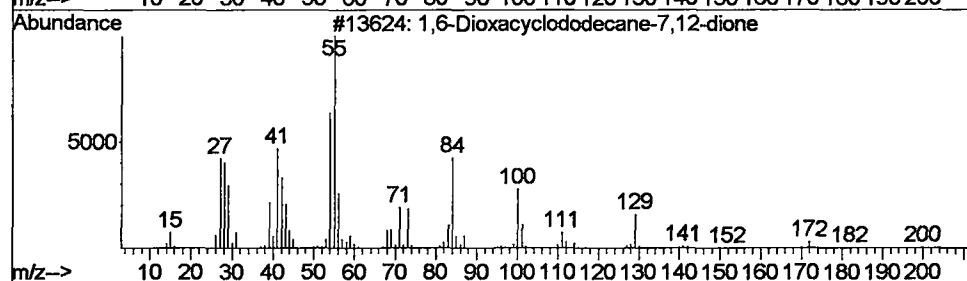
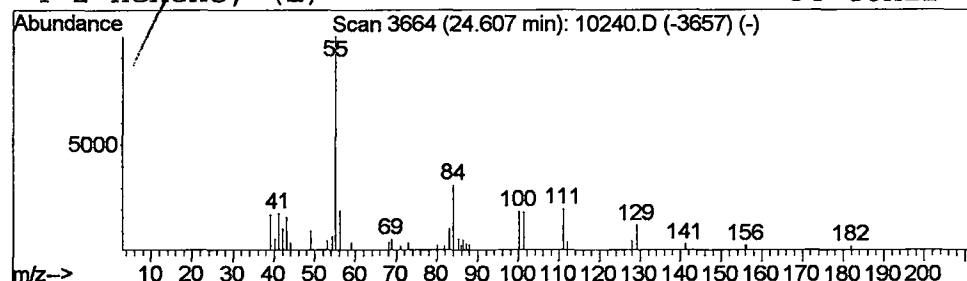
Vial: 18
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 3 1,6-Dioxacyclododecane-7,12... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.61	0.46 ug/l	62200	Acenaphthene-d10	24.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,6-Dioxacyclododecane-7,12-dione	200	C10H16O4	000777-95-7	43
2			6-Tridecanol	200	C13H28O	005770-03-6	33
3			2-Ethylacrolein	84	C5H8O	000922-63-4	27
4			2-Hexene, (E)-	84	C6H12	004050-45-7	22



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020509\10240.D
 Acq On : 10 May 2002 3:25 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

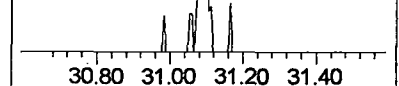
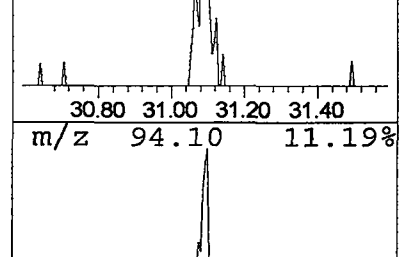
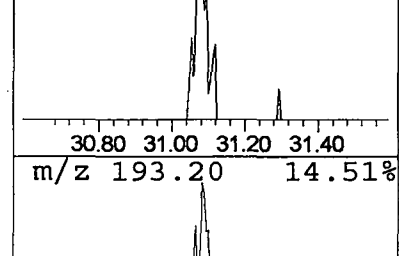
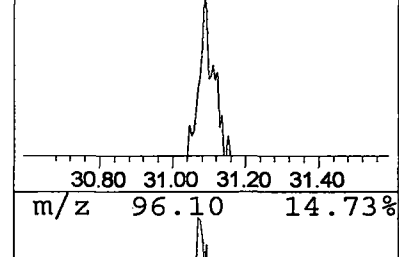
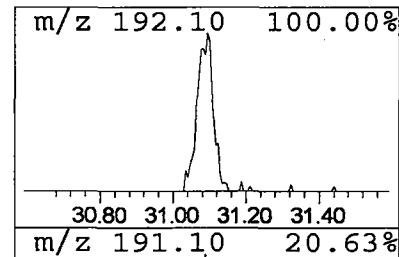
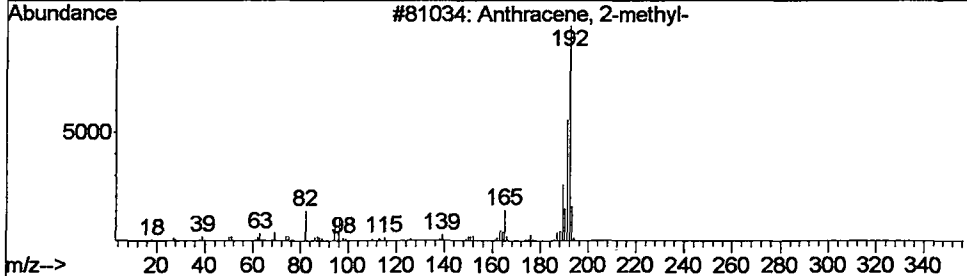
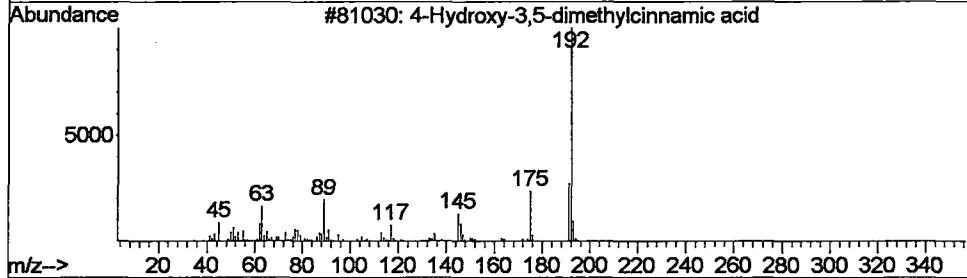
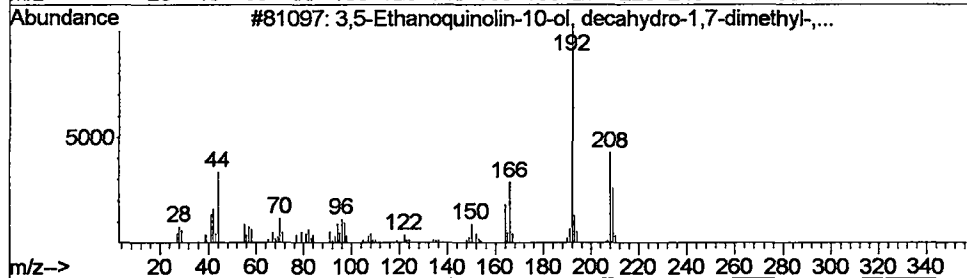
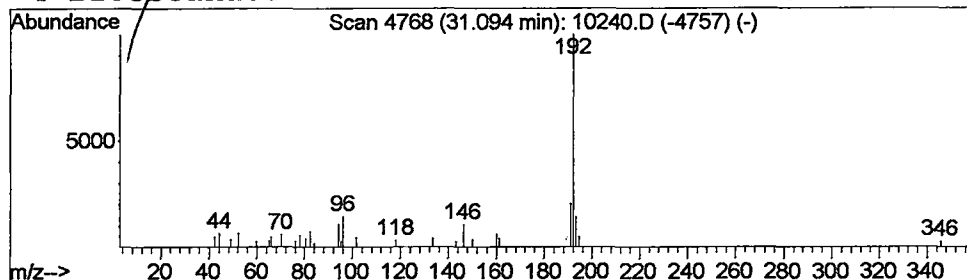
Vial: 18
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 4 3,5-Ethanoquinolin-10-ol, d... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.30 ug/l	44332	Phenanthrene-d10	31.72

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3,5-Ethanoquinolin-10-ol, decahy...	209	C13H23NO	021041-43-0	59
2		4-Hydroxy-3,5-dimethylcinnamic acid	192	C11H12O3	1000132-15-8	59
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	53
4		Bitoscanate	192	C8H4N2S2	004044-65-9	50



Library Search Compound Report

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 Acq On : 10 May 2002 3:25 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

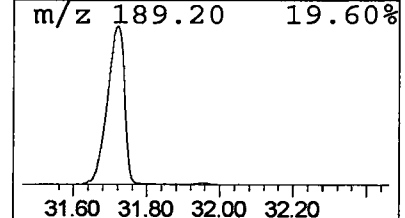
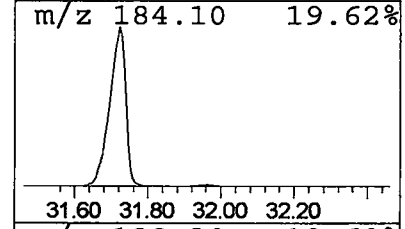
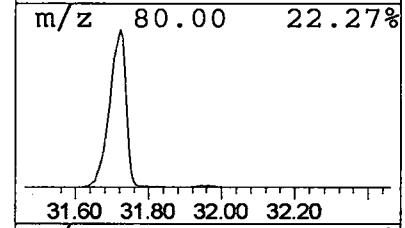
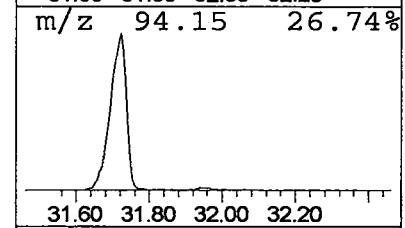
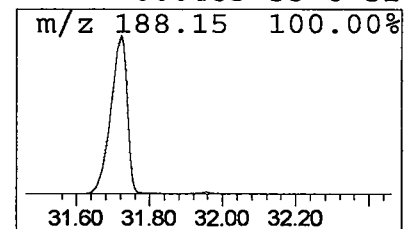
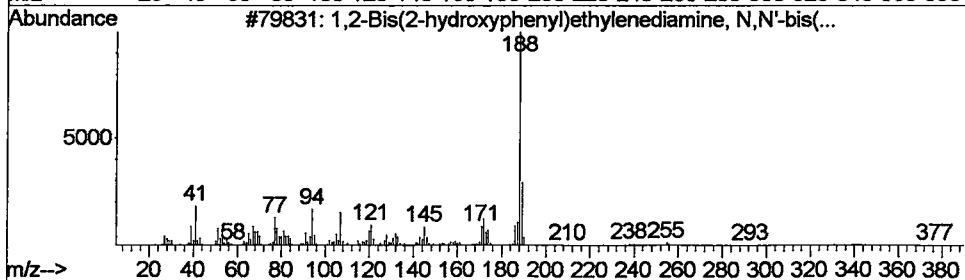
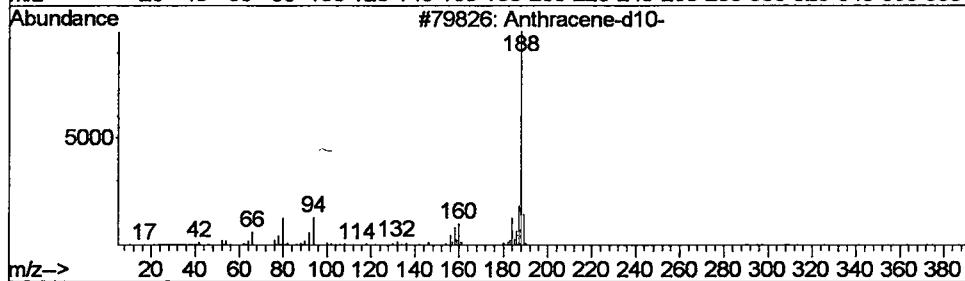
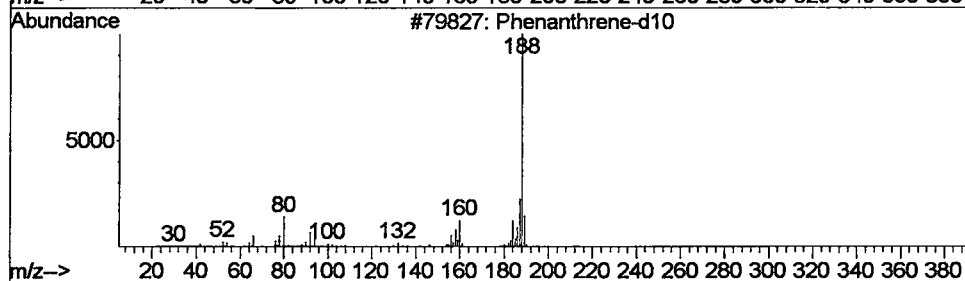
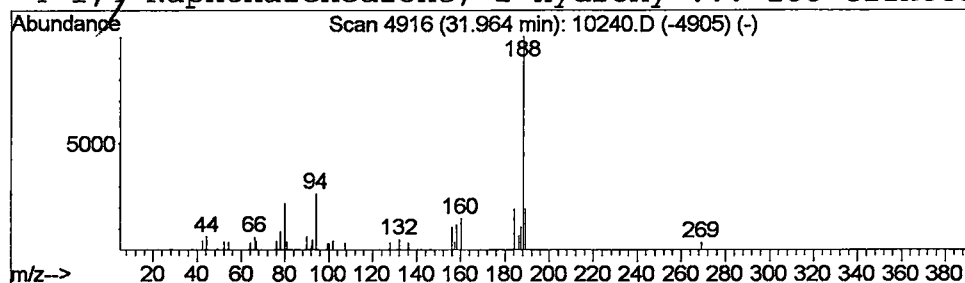
Vial: 18
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 5 Phenanthrene-d10 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.38 ug/l	56133	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene-d10	188	C14D10	001517-22-2	64
2			Anthracene-d10-	188	C14D10	001719-06-8	45
3			1,2-Bis(2-hydroxyphenyl)ethylene...	376	C24H28N2O2	1000187-13-2	38
4			1,4-Naphthalenedione, 2-hydroxy-...	188	C11H8O3	000483-55-6	32



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 10 May 2002 3:25 am
Data File: C:\MSDCHEM\1\DATA\020509\10240.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
1-Hexene, 4,5-dim...	5.02	0.5	ug/l	52160	1	11.38	4115970	40.0
2-Pentanone, 4-hy...	6.15	13.1	ug/l	1344430	1	11.38	4115970	40.0
1,6-Dioxacyclodod...	24.61	0.5	ug/l	62200	3	24.46	5399990	40.0
3,5-Ethanoquinoli...	31.09	0.3	ug/l	44332	4	31.72	5833000	40.0
Phenanthrene d10 <i>Anthracene d10</i>	31.96	0.4	ug/l	56133	4	31.72	5833000	40.0