

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 05/17/2002 Time: 14:04:22

Sample: AE10133
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 5/17/02 14:03 Ended: 5/17/02 14:03 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Quant	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		89		10.0

Comments for Sample AE10133 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-17-2002 Time: 14:04:46

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\020513\10133.D

Vial: 20

Acq On : 14 May 2002 7:22 am

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: rteint.e

Quant Time: May 15 08:27:10 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	464347	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1735562	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	921942	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1563203	40.00	ug/l	-0.02
38) Chrysene-d12	39.94	240	1279156	40.00	ug/l	-0.05
44) Perylene-d12	43.16	264	819503	40.00	ug/l	-0.02

System Monitoring Compounds

27) TCMX	27.54	207	65500	8.89	ug/l	-0.04
Spiked Amount	10.000		Recovery	=	88.90%	

Target Compounds

Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed
10133.D SCAN020507.M Wed May 15 08:28:39 2002 Page 1

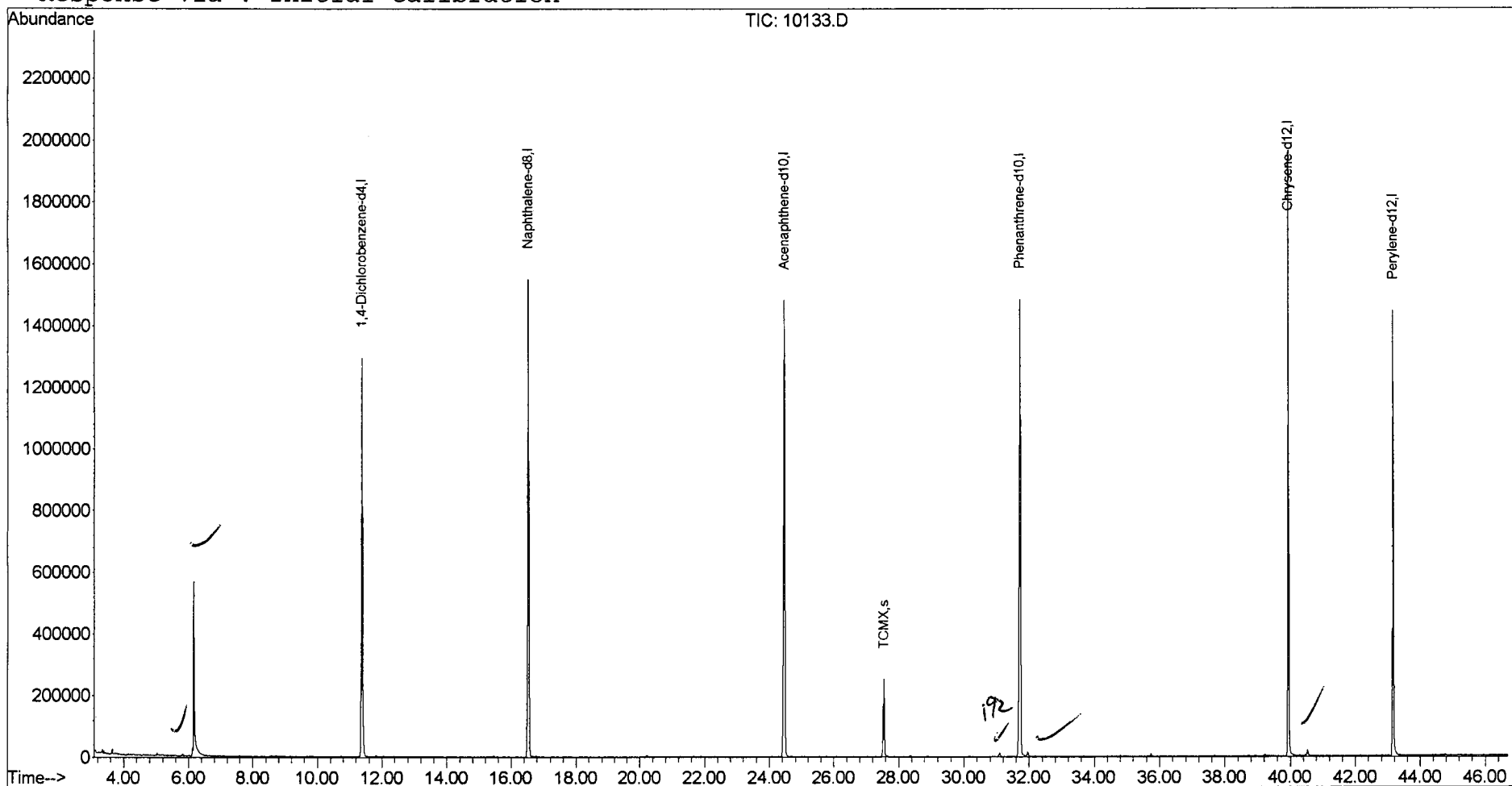
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020513\10133.D
 Acq On : 14 May 2002 7:22 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e
 Quant Time: May 15 8:28 2002

Vial: 20
 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



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020513\10133.D
 Acq On : 14 May 2002 7:22 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

Vial: 20
 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

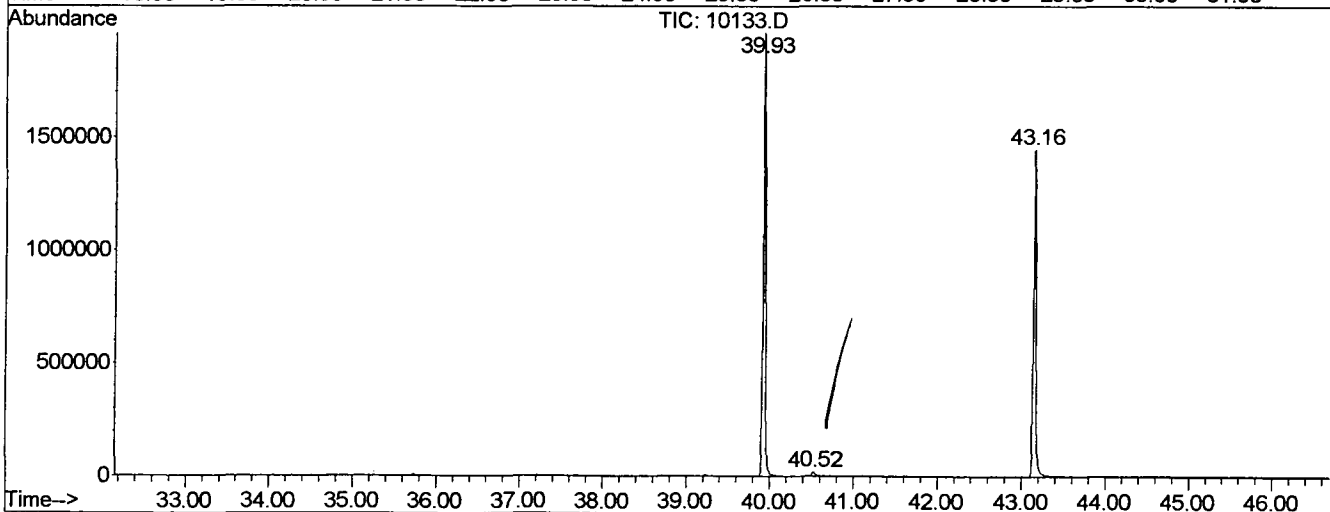
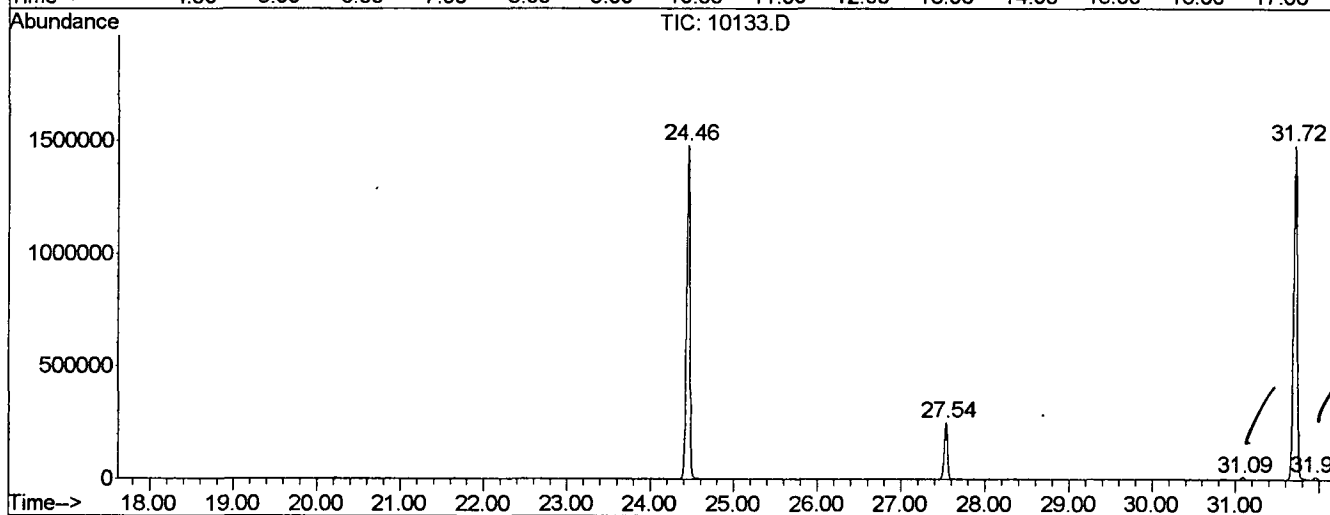
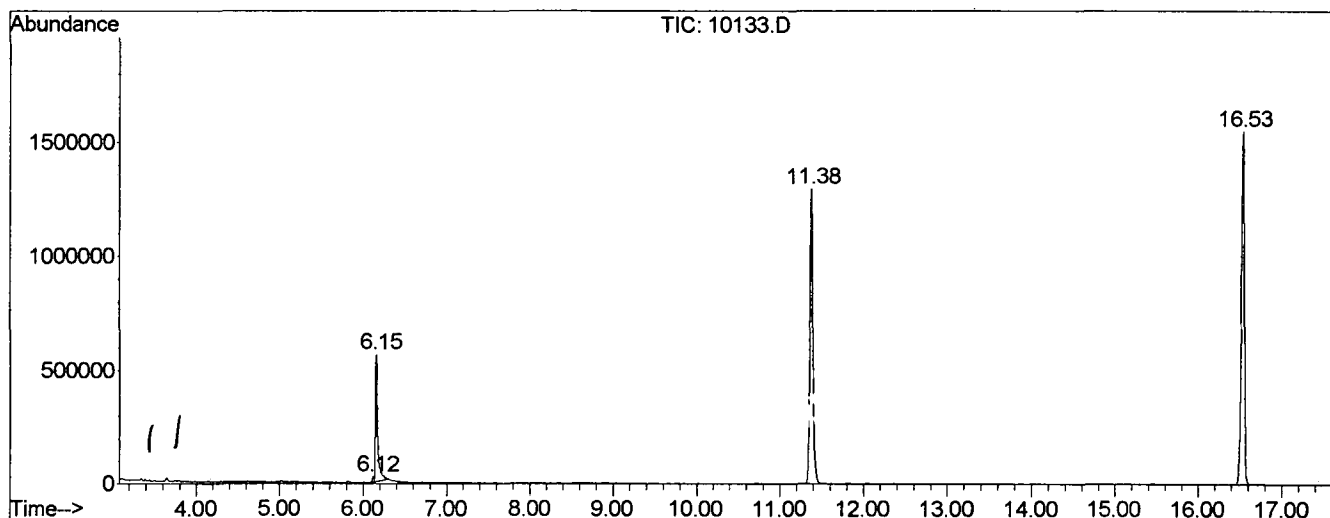
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.123	513	518	520	rBV	26494	43676	0.98%	0.178%
2	6.152	520	523	547	rVB	560247	1047238	23.60%	4.256%
3	11.375	1398	1412	1437	rBV2	1293325	3224855	72.66%	13.106%
4	16.534	2274	2290	2303	rBV	1549093	4016787	90.50%	16.325%
5	24.460	3621	3639	3657	rBV	1481421	4199228	94.61%	17.066%
6	27.539	4147	4163	4175	rBV3	252344	696402	15.69%	2.830%
7	31.088	4758	4767	4777	rBV3	12342	36400	0.82%	0.148%
8	31.717	4852	4874	4894	rBV2	1482862	4438387	100.00%	18.038%
9	31.958	4905	4915	4927	rBV5	13123	37959	0.86%	0.154%
10	39.931	6260	6272	6292	rBV2	1960762	3904487	87.97%	15.869%
11	40.518	6366	6372	6391	rVB5	19067	56631	1.28%	0.230%
12	43.156	6807	6821	6841	rBV	1445618	2903199	65.41%	11.799%

Sum of corrected areas: 24605249

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020513\10133.D
 Operator : Nefliu
 Acquired : 14 May 2002 7:22 am using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 20
 Quant File :SCAN020507.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020513\10133.D
Acq On : 14 May 2002 7:22 am
Sample : sample
Misc :
MS Integration Params: rteint.e

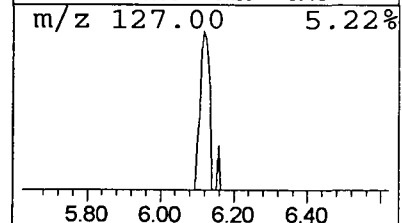
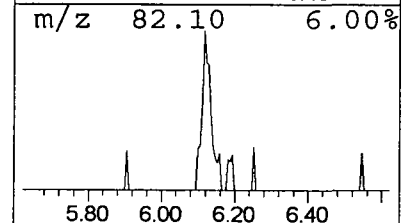
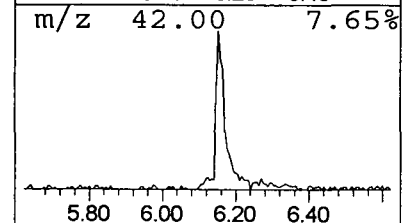
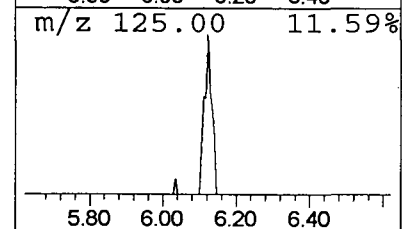
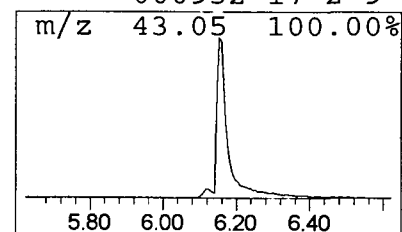
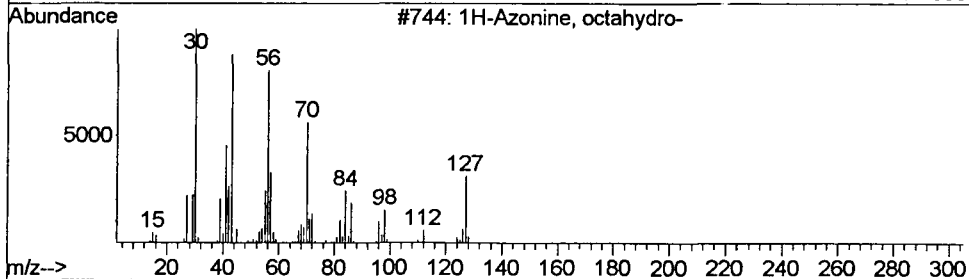
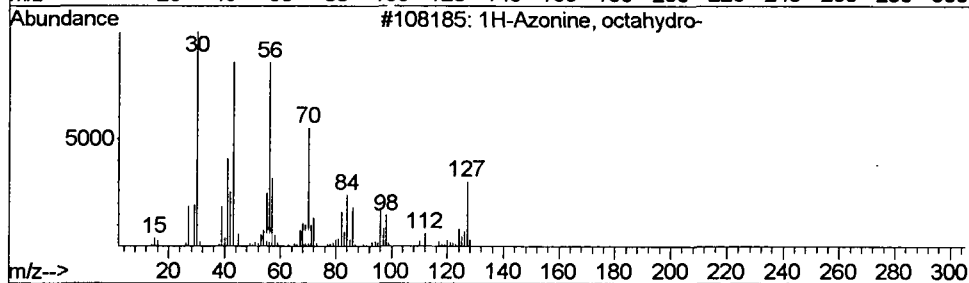
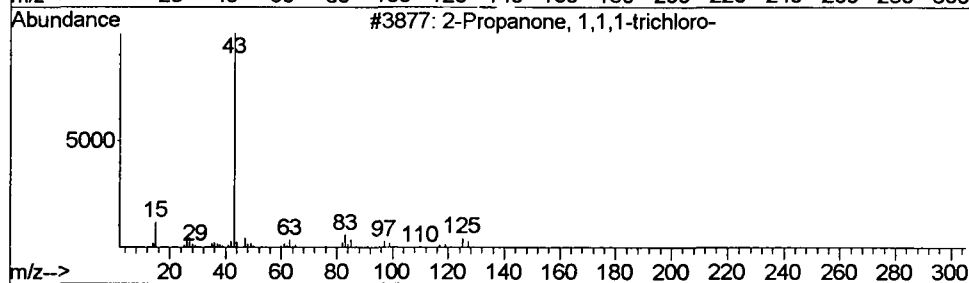
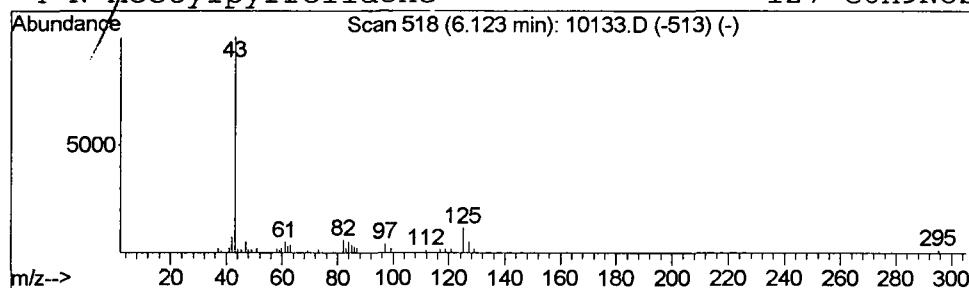
Vial: 20
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 1 2-Propanone, 1,1,1-trichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	0.54 ug/l	43676	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		1H-Azonine, octahydro-	127	C8H17N	005661-71-2	9
3		1H-Azonine, octahydro-	127	C8H17N	005661-71-2	9
4		N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	9



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020513\10133.D
 Acq On : 14 May 2002 7:22 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

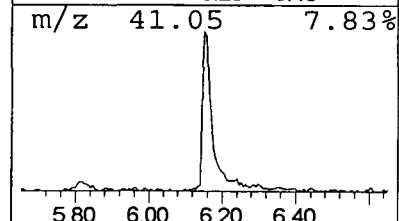
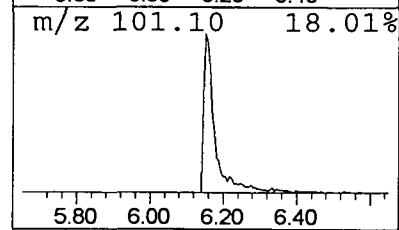
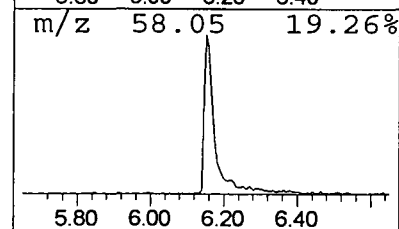
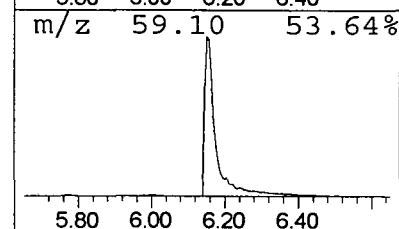
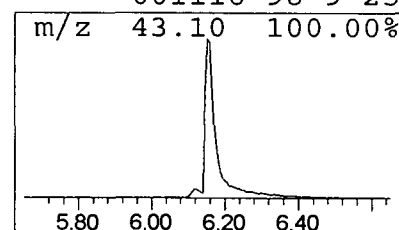
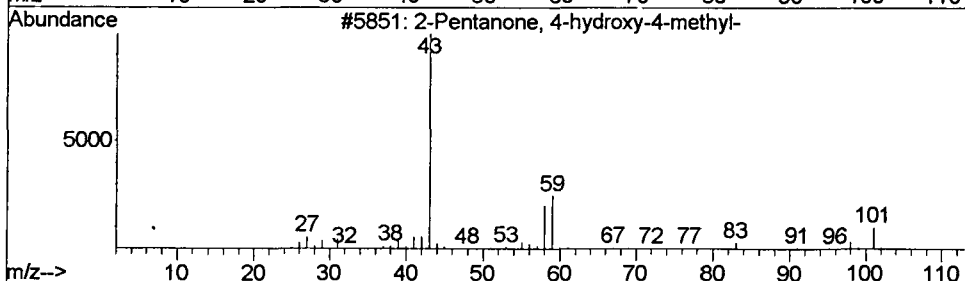
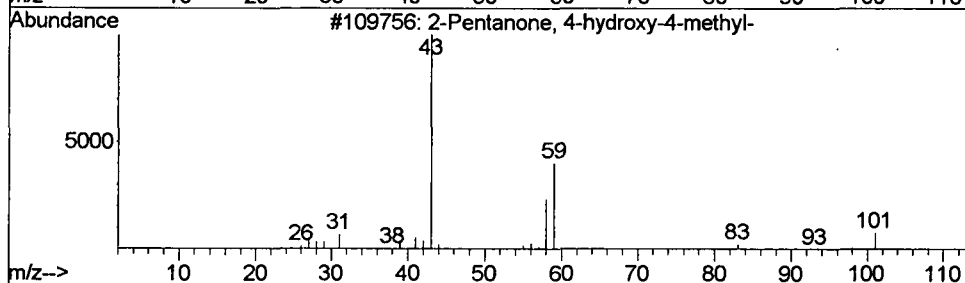
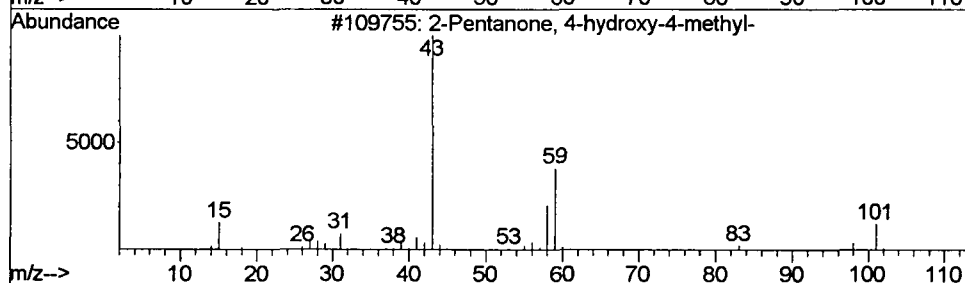
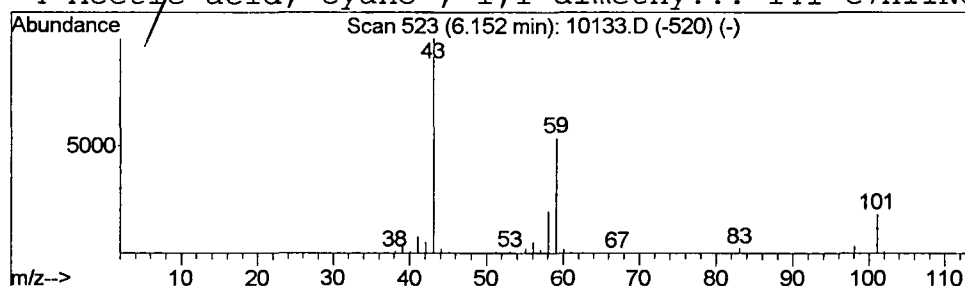
Vial: 20
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	12.99 ug/l	1047240	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	64
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
3			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020513\10133.D
Acq On : 14 May 2002 7:22 am
Sample : sample
Misc :
MS Integration Params: rteint.e

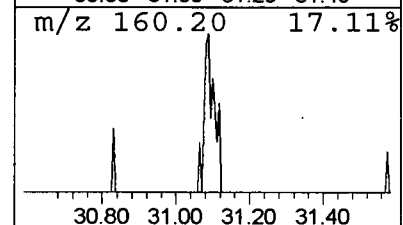
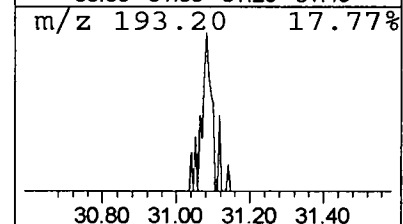
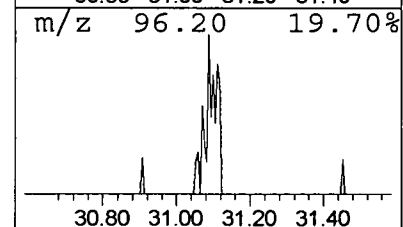
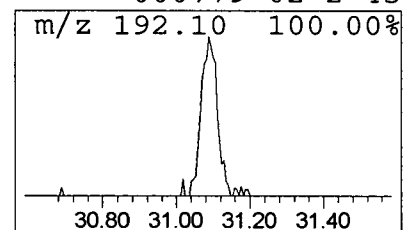
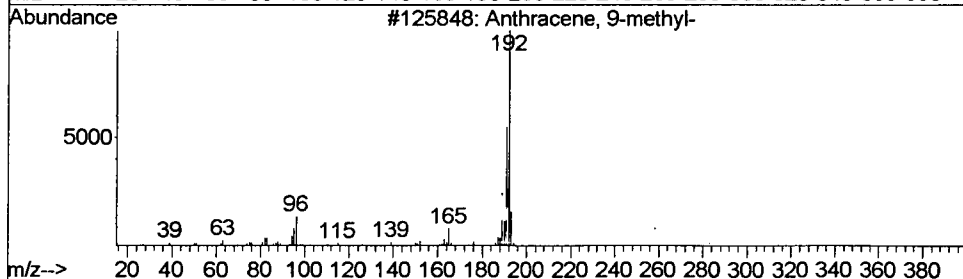
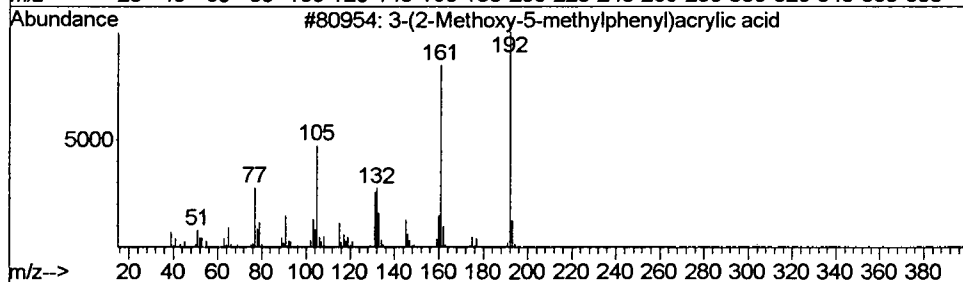
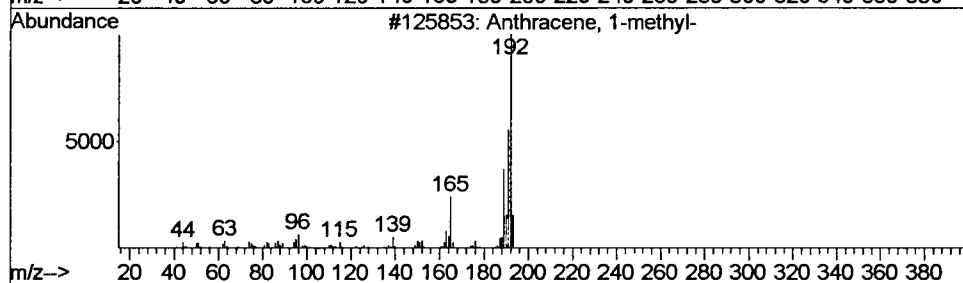
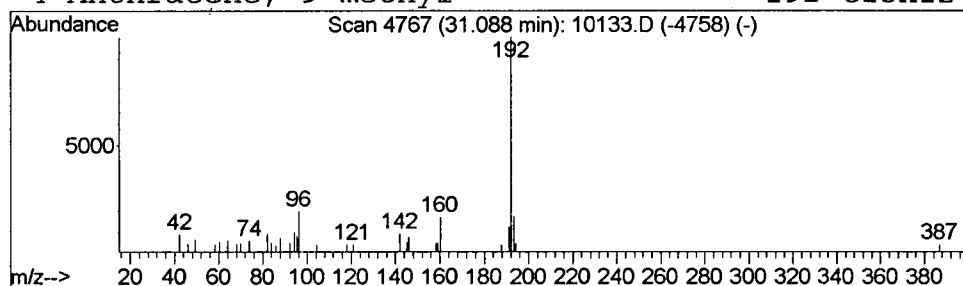
Vial: 20
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 3 Anthracene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.33 ug/l	36400	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	53
2			3-(2-Methoxy-5-methylphenyl)acry...	192	C11H12O3	103986-76-1	47
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	45
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	45



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020513\10133.D
 Acq On : 14 May 2002 7:22 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

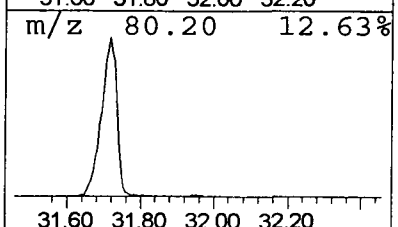
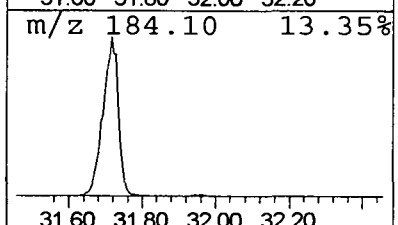
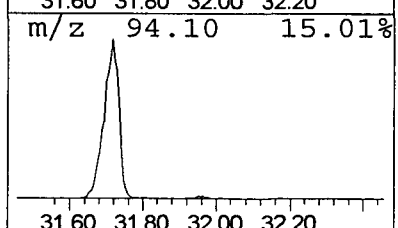
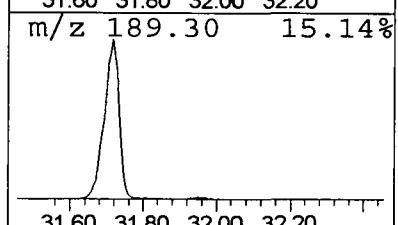
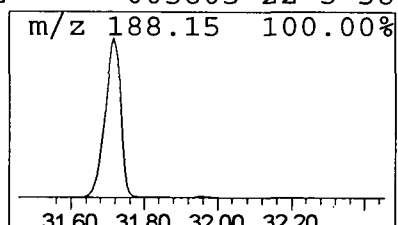
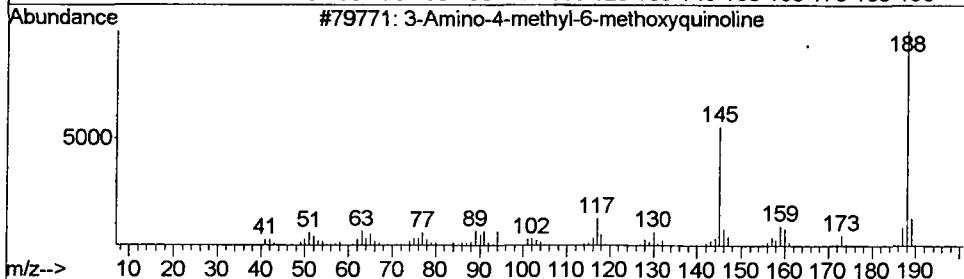
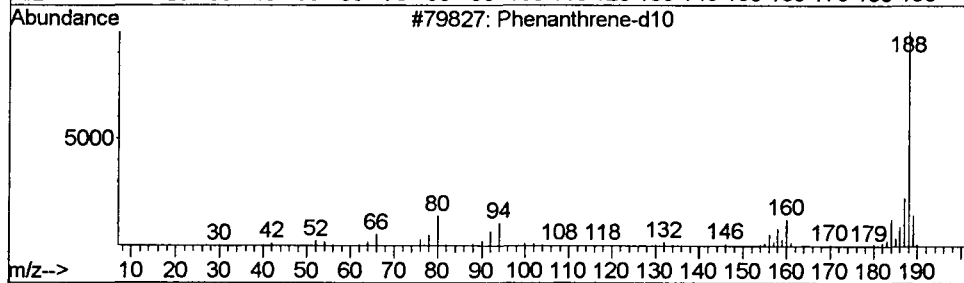
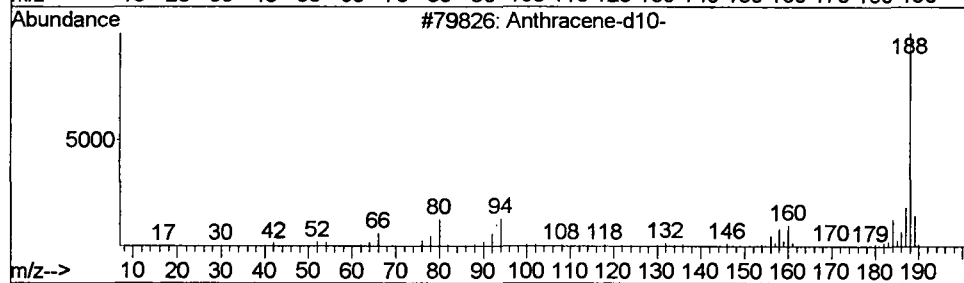
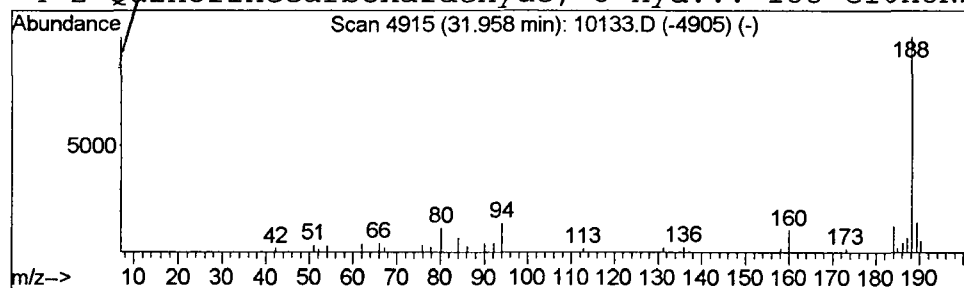
Vial: 20
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 4 Anthracene-d10- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.34 ug/l	37959	Phenanthrene-d10	31.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	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	40
4	2-Quinolinecarboxaldehyde, 8-hyd...	188	C10H8N2O2	005603-22-5	38



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020513\10133.D
 Acq On : 14 May 2002 7:22 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

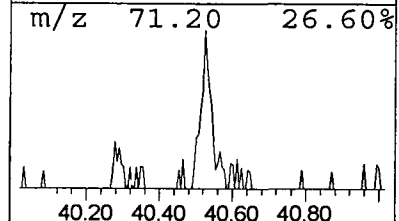
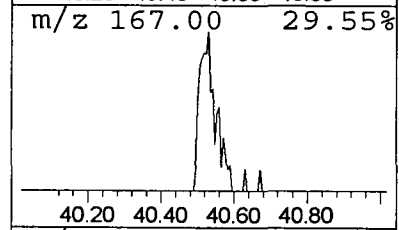
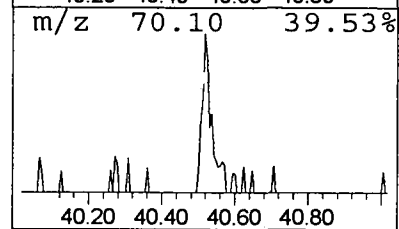
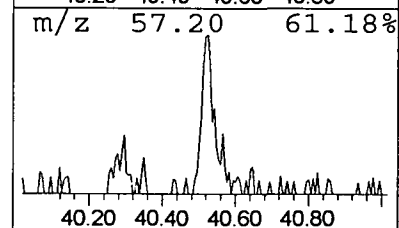
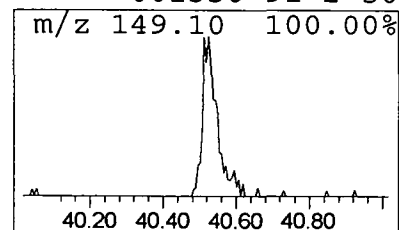
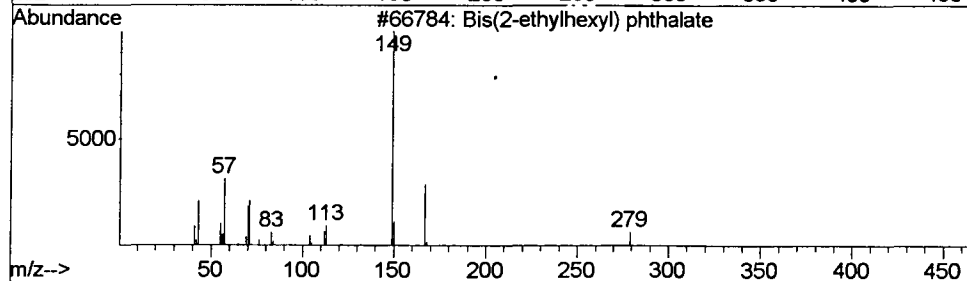
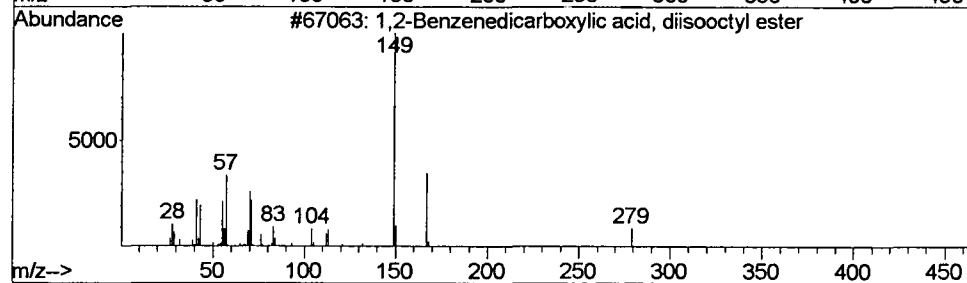
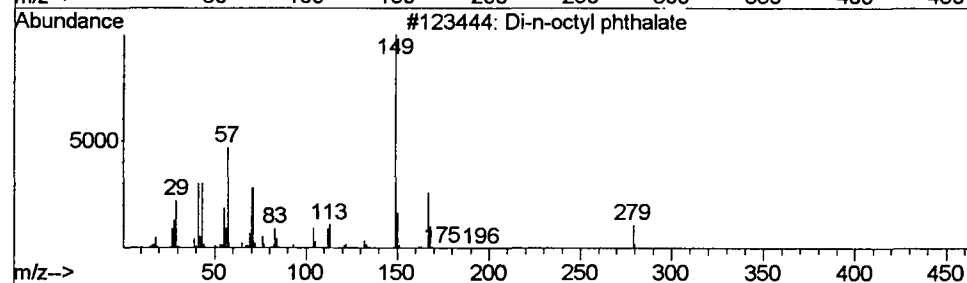
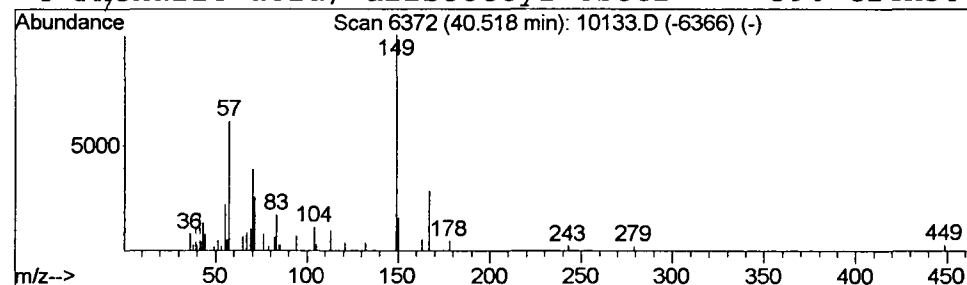
Vial: 20
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 5 Di-n-octyl phthalate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
40.52	0.58 ug/l	56631	Chrysene-d12	39.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Di-n-octyl phthalate	390	C24H38O4	000117-84-0	78
2			1,2-Benzenedicarboxylic acid, di...	390	C24H38O4	027554-26-3	64
3			Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	56
4			Phthalic acid, diisooctyl ester	390	C24H38O4	001330-91-2	50



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 14 May 2002 7:22 am
Data File: C:\MSDCHEM\1\DATA\020513\10133.D
Name: sample
Misc:
Method: C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title: Method 508 GC/MS Scan
Library Searched: C:\DATABASE\nist98.l

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
- 2-Propanone, 1,1,...	6.12	0.5	ug/l	43676	1	11.38	3224860	40.0
- 2-Pentanone, 4-hy...	6.15	13.0	ug/l	1047240	1	11.38	3224860	40.0
- Anthracene, 1-met...	31.09	0.3	ug/l	36400	4	31.72	4438390	40.0
- Anthracene-d10-	31.96	0.3	ug/l	37959	4	31.72	4438390	40.0
- Di-n-octyl phthalate	40.52	0.6	ug/l	56631	5	39.94	3904490	40.0
<i>Bis (2-ethyl hexyl) phthalate</i>								