User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/07/2002 Time: 10:33:38

Sample: AE12224
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/7/02 10:33 Ended: 6/7/02 10:33 Analyst: DLV
Page: 1

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

Comments for Sample AE12224 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-07-2002 Time: 10:34:42

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JUN0302\12224.D Vial: 6
Acq On : 3 Jun 2002 2:05 pm Operator:
Sample : re-ext Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jun 3 15:54 2002 Quant Results File: GCMS0531.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 31 09:43:55 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0531

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.07	152	530714	40.00	ug/l	-0.01
10) Naphthalene-d8	15.69	136	2132038	40.00	ug/l	-0.02
17) Acenaphthene-d10	20.99	164	1000367	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.43	188	1569372	40.00	ug/l	0.00
38) Chrysene-d12	33.47	240	919844	40.00	ug/l	-0.03
44) Perylene-d12	37.66	264	568690	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.14	209	210389	30.40	ug/L	-0.01
Spiked Amount 40.000			Recovery = 76.00%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	5.39	74	370	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	12.07	146	378	N.D.		
5) 1,4-Dichlorobenzene	12.07	146	378	N.D.		
6) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
7) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.		
8) N-Nitrosodi-n-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	0.00	77	0	N.D.		
12) Isophorone	0.00	82	0	N.D.		
13) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	15.76	128	540	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	0.00	162	0	N.D.		
20) Dimethylphthalate	0.00	163	0	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.	d	
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	21.28	165	186	N.D.		
25) Diethylphthalate	22.48	149	1445	N.D.		
26) 4-Chlorophenylphenylether	23.14	204	1223	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.14	168	558	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.42	178	871	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JUN0302\12224.D Vial: 6
Acq On : 3 Jun 2002 2:05 pm Operator:
Sample : re-ext Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jun 3 15:54 2002 Quant Results File: GCMS0531.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 31 09:43:55 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0531

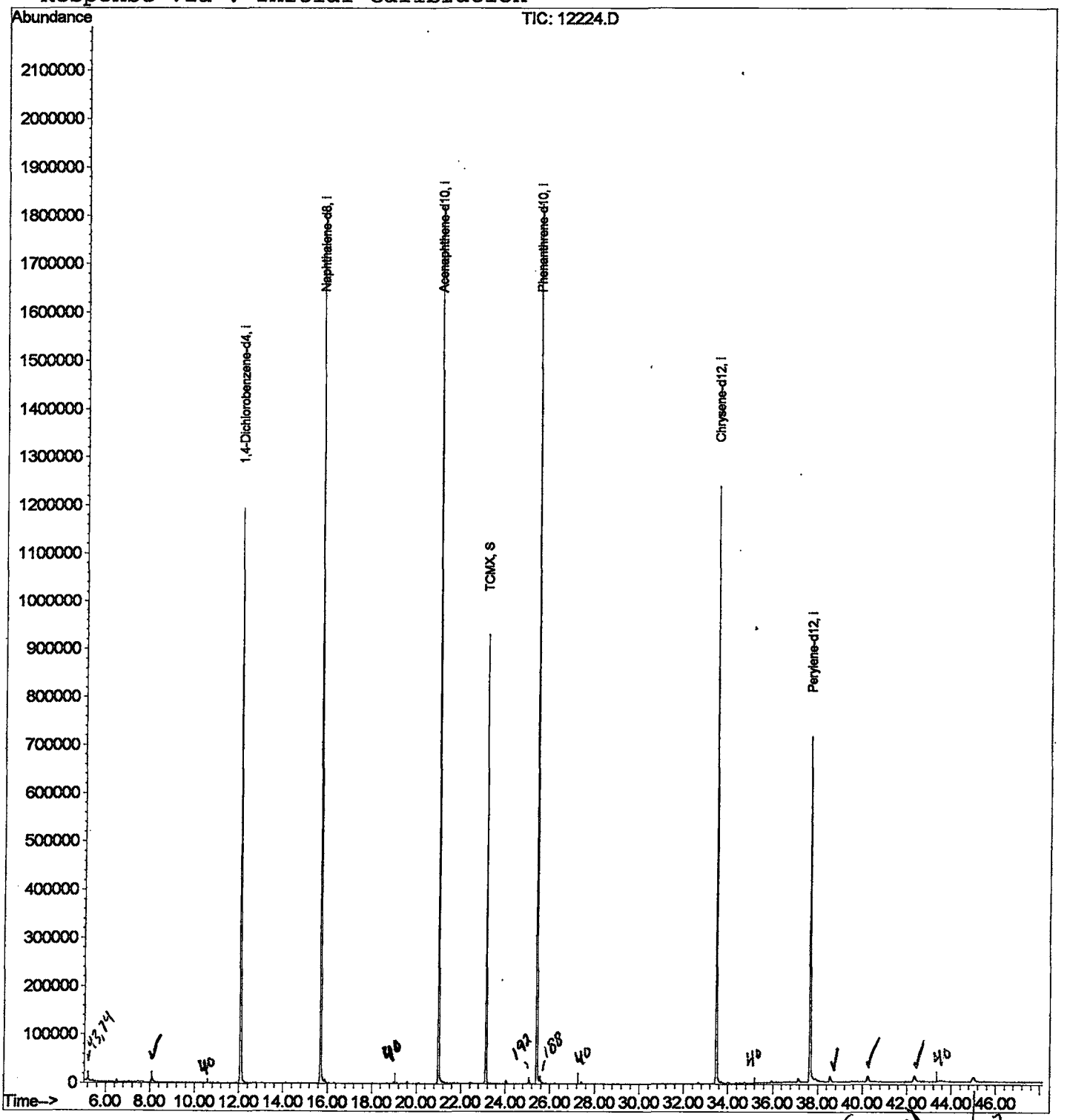
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.42	178	871	N.D.	
36)	Di-n-butylphthalate	27.41	149	6324	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	29.78	202	171	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.47	228	2860	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.71	149	1569	N.D.	
43)	Chrysene	33.55	228	762	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.52	252	115	N.D.	
47)	Benzo(k)fluoranthene	36.59	252	185	N.D.	
48)	Benzo(a)pyrene	37.66	252	2205	N.D.	
49)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
50)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
51)	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\JUN0302\12224.D Vial: 6
Acq On : 3 Jun 2002 2:05 pm Operator:
Sample : re-ext Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jun 3 15:54 2002 Quant Results File: GCMS0531.RES

Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 31 09:43:55 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\JUN0302\12224.D Vial: 6
Acq On : 3 Jun 2002 2:05 pm Operator:
Sample : re-ext Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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

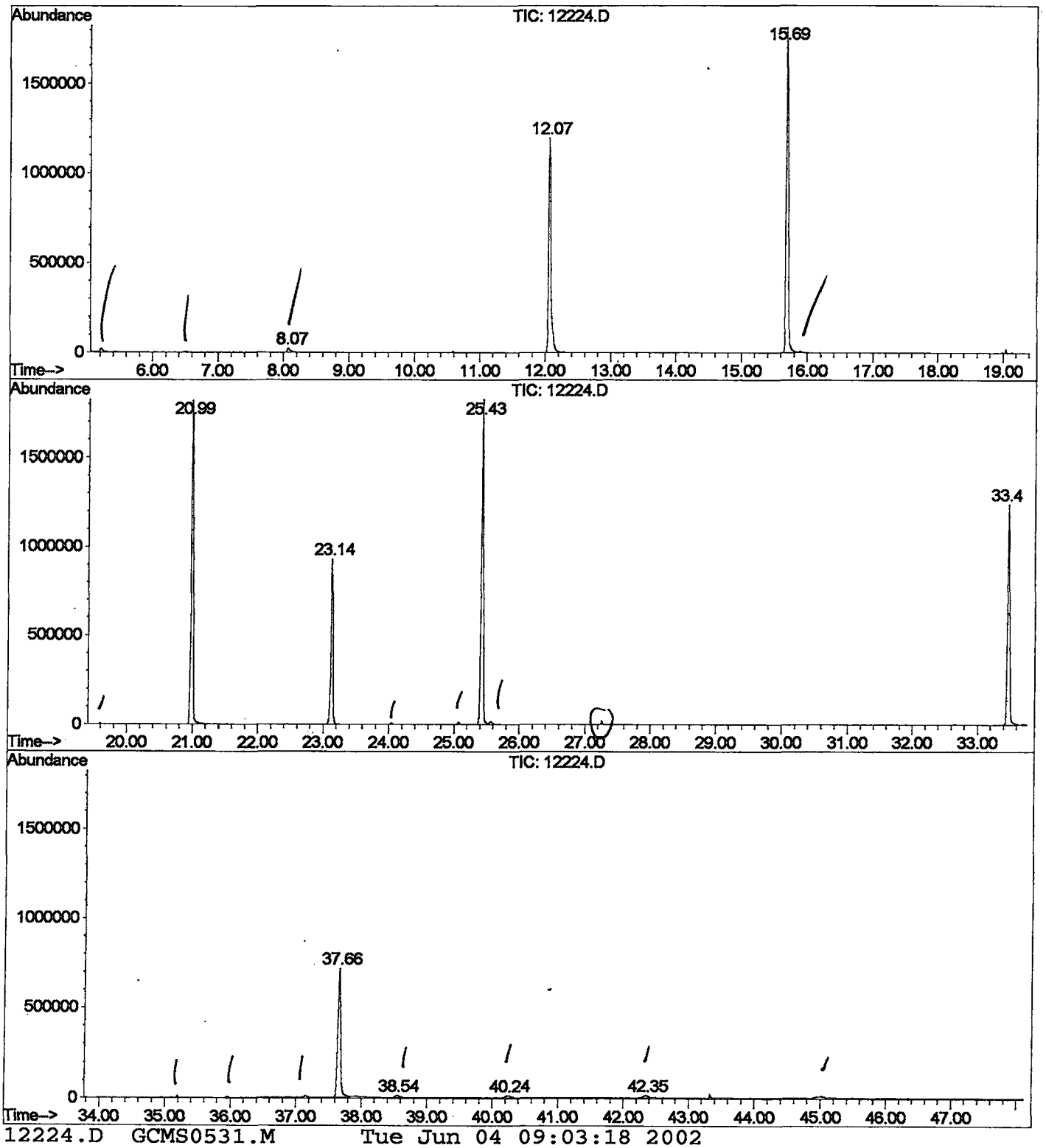
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.072	326	330	339	rBV	21857	60275	1.49%	0.273%
2	12.065	760	765	788	rBV	1193253	2888563	71.18%	13.079%
3	15.691	1153	1160	1178	rBV	1808407	3946353	97.24%	17.868%
4	20.988	1730	1737	1751	rBV	1819738	3975046	97.95%	17.998%
5	23.137	1960	1971	1979	rBV	930533	1969362	48.53%	8.917%
6	25.432	2213	2221	2232	rBV2	1824337	4058182	100.00%	18.374%
7	33.474	3090	3097	3113	rBV2	1240357	2908219	71.66%	13.168%
8	37.660	3544	3553	3572	rBV2	715140	2128483	52.45%	9.637%
9	38.541	3644	3649	3660	rVB3	11075	41519	1.02%	0.188%
10	40.240	3827	3834	3845	rBV5	10956	53285	1.31%	0.241%
11	42.351	4055	4064	4071	rBV4	11311	56962	1.40%	0.258%

Sum of corrected areas: 22086249

12224.D GCMS0531.M Tue Jun 04 09:03:18 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JUN0302\12224.D
Operator :
Acquired : 3 Jun 2002 2:05 pm using AcqMethod GCMS0531
Instrument : 209
Sample Name: re-ext
Misc Info :
Vial Number: 6
Quant File :GCMS0531.RES (RTE Integrator)



12224.D GCMS0531.M Tue Jun 04 09:03:18 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JUN0302\12224.D Vial: 6
Acq On : 3 Jun 2002 2:05 pm Operator:
Sample : re-ext Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

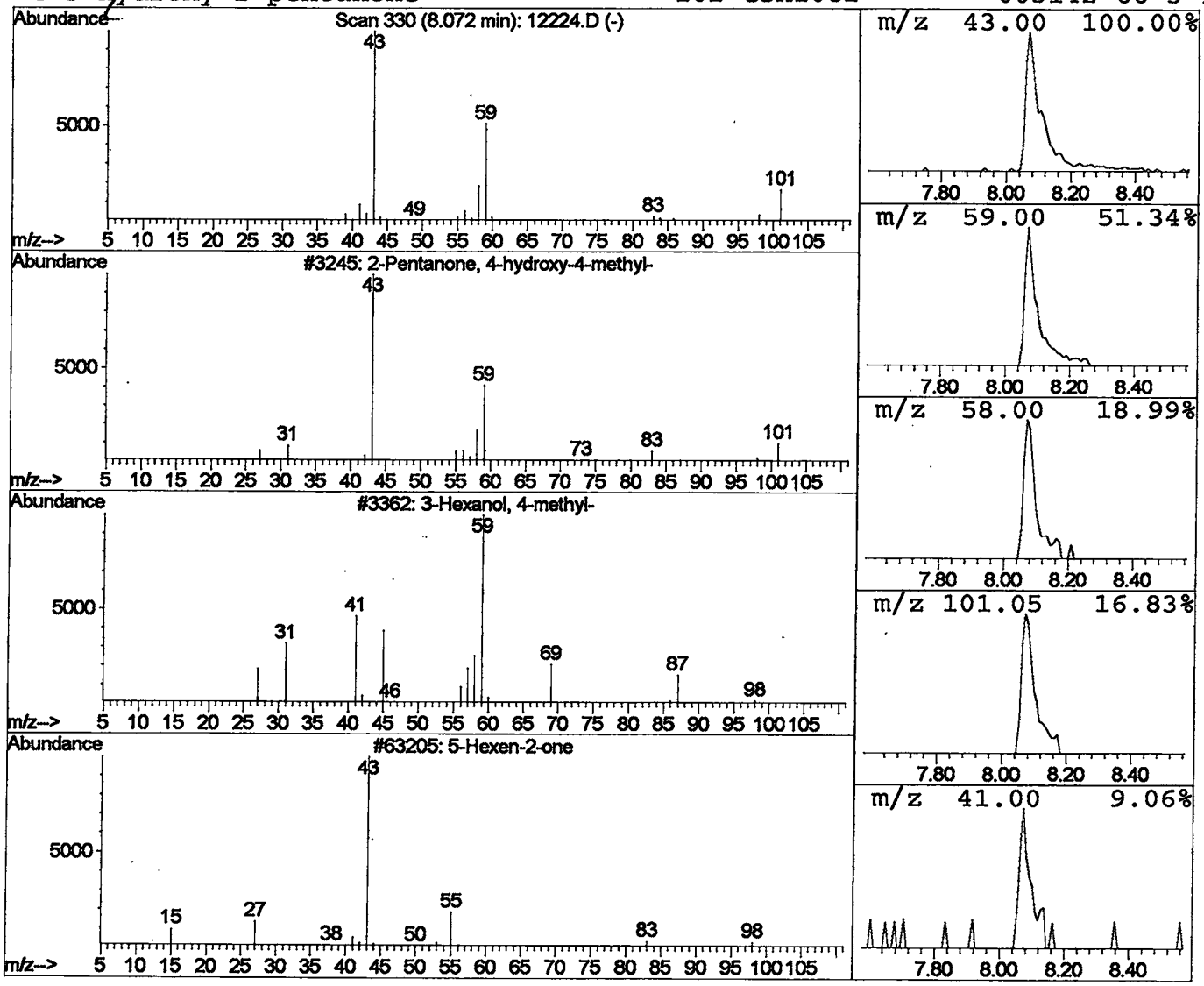
Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	0.83 ug/l	60275	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JUN0302\12224.D Vial: 6
Acq On : 3 Jun 2002 2:05 pm Operator:
Sample : re-ext Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

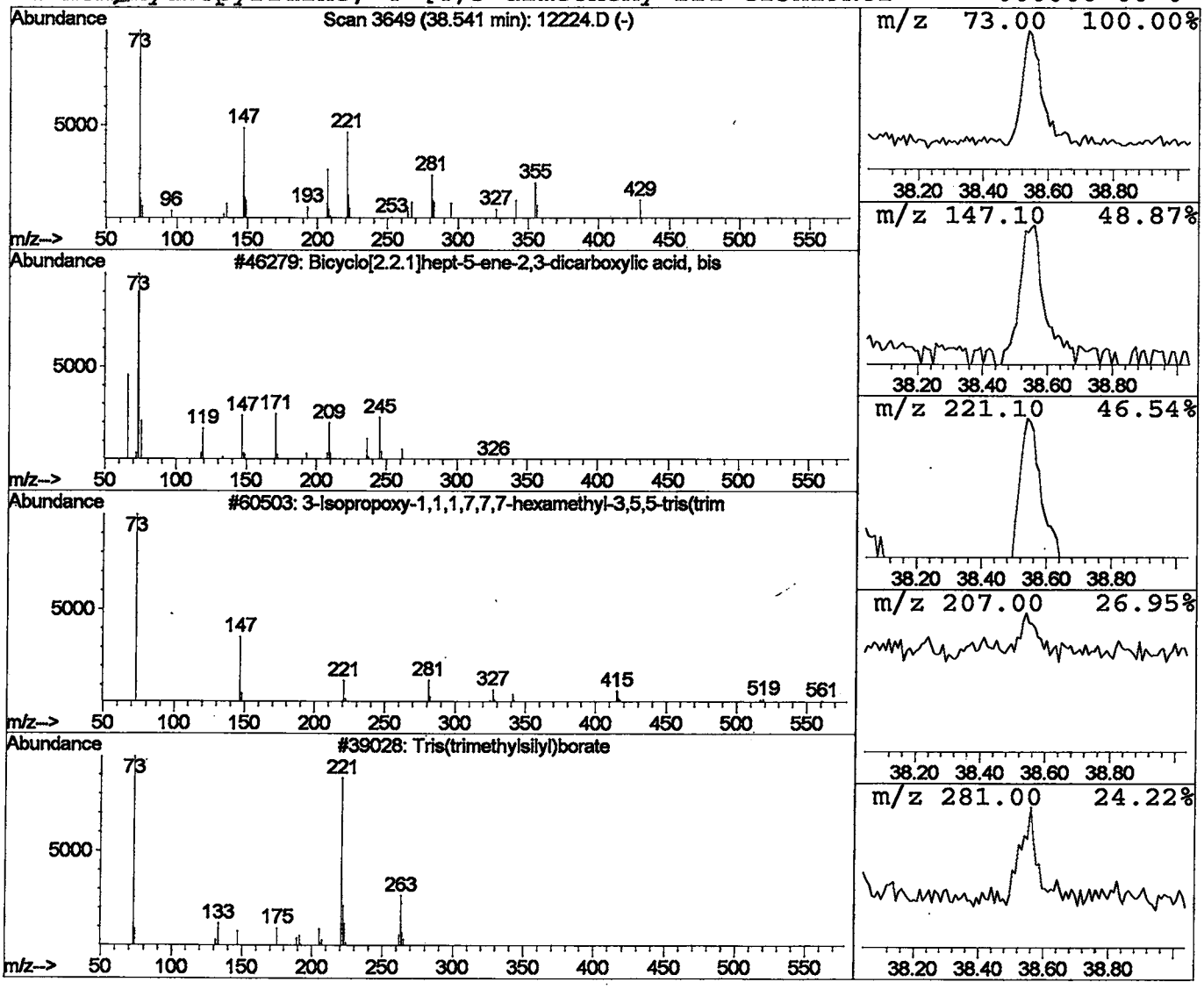
Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Bicyclo[2.2.1]hept-5-ene-2,3-d Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.54	0.78 ug/l	41519	Perylene-d12	37.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]hept-5-ene-2,3-dicarb	326	C15H26O4Si2	056151-04-3	9
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	9
3	Tris(trimethylsilyl)borate	278	C9H27BO3Si3	004325-85-3	9
4	Hexahydropyridine, 4-[4,5-dimethoxy	221	C13H19NO2	000000-00-0	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JUN0302\12224.D Vial: 6
Acq On : 3 Jun 2002 2:05 pm Operator:
Sample : re-ext Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

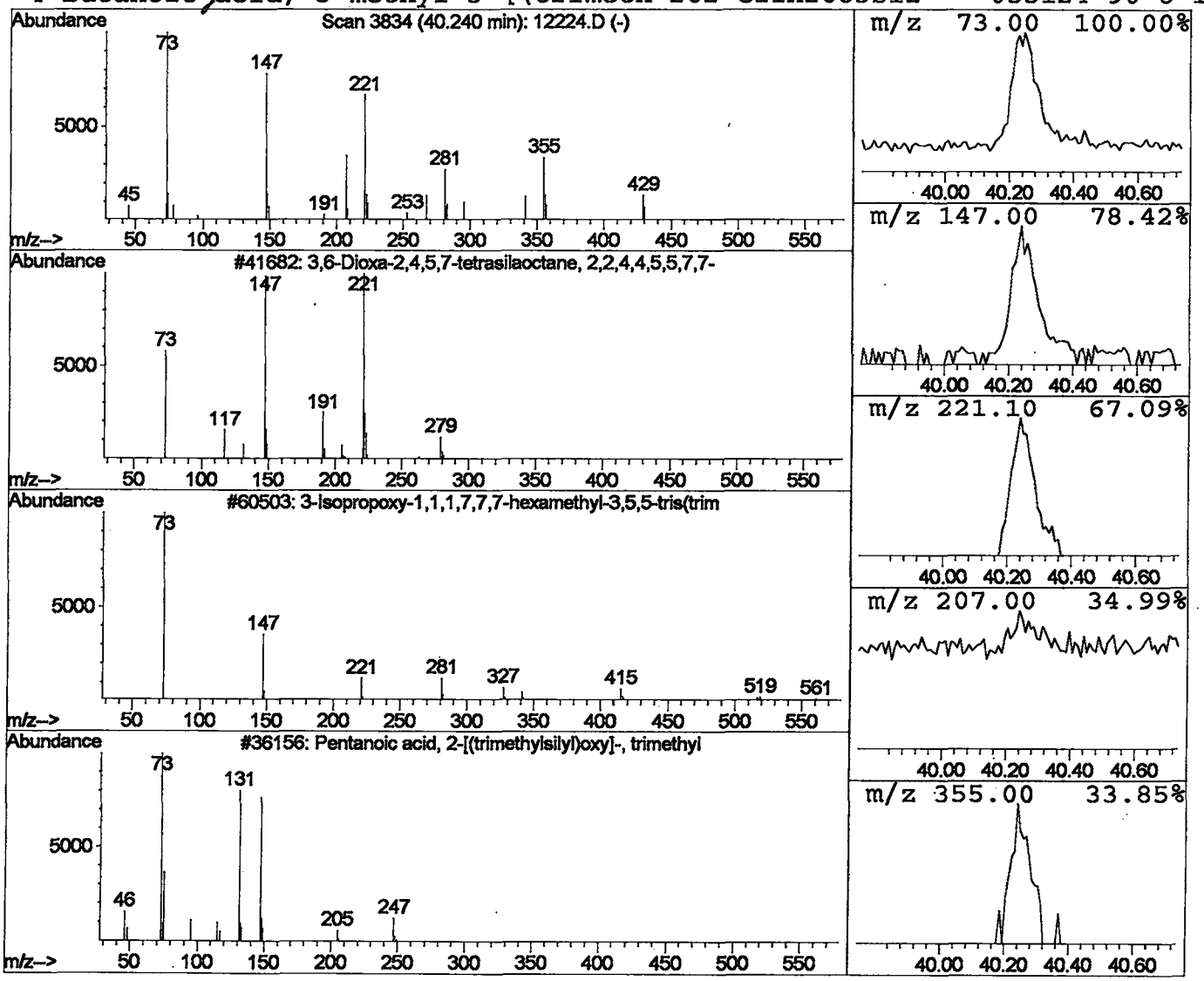
Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 3,6-Dioxa-2,4,5,7-tetrasilaoct Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
40.24	1.00 ug/l	53285	Perylene-d12	37.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	38
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	28
3	Pentanoic acid, 2-[(trimethylsilyl)	262	C11H26O3Si2	055887-46-2	12
4	Butanoic acid, 3-methyl-3-[(trimeth	262	C11H26O3Si2	055124-90-8	12



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JUN0302\12224.D Vial: 6
Acq On : 3 Jun 2002 2:05 pm Operator:
Sample : re-ext Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

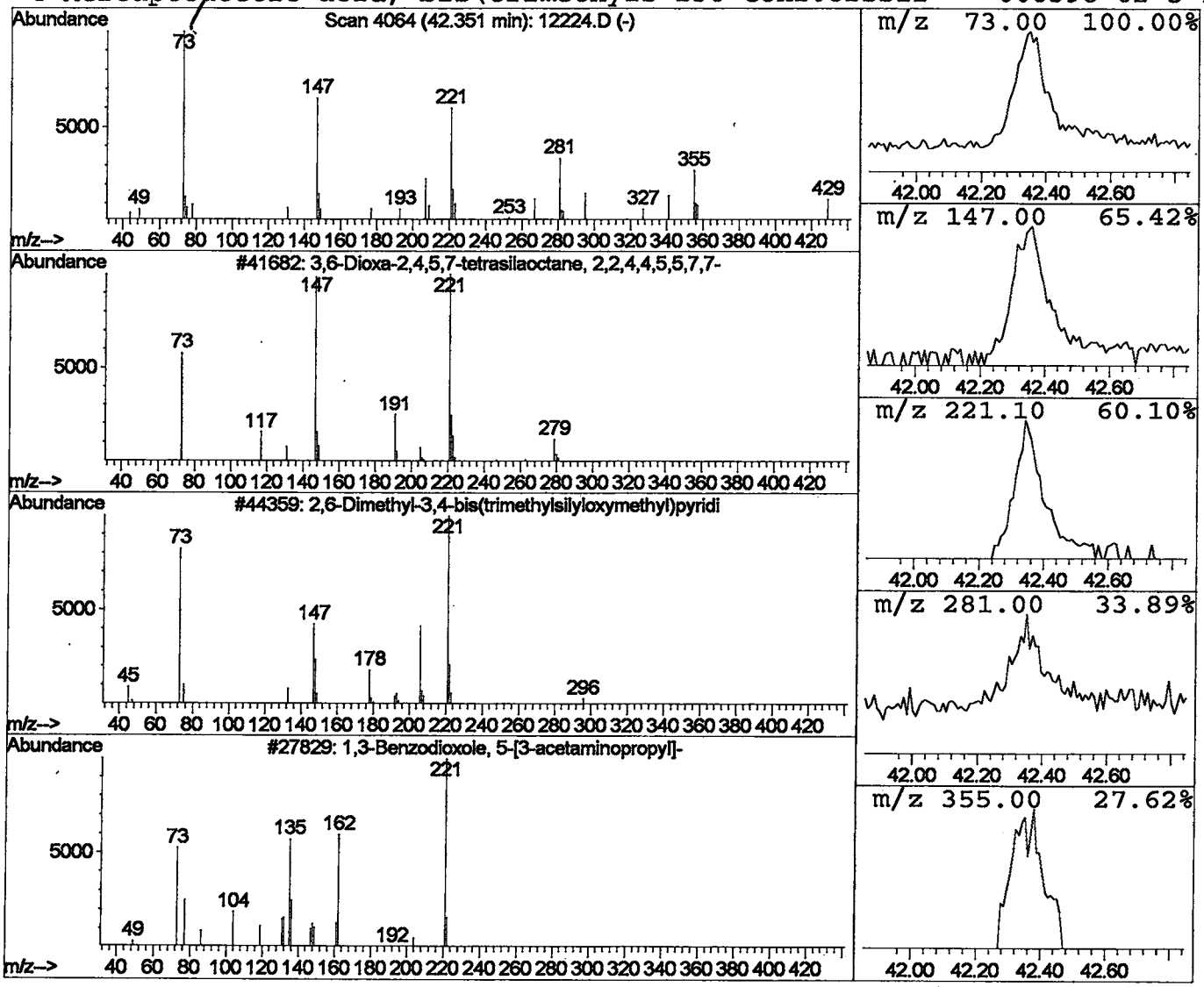
Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 3,6-Dioxa-2,4,5,7-tetrasilaoct Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
42.35	1.07 ug/l	56962	Perylene-d12	37.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	32
2	2,6-Dimethyl-3,4-bis(trimethylsilyl	311	C15H29NO2Si2	000000-00-0	12
3	1,3-Benzodioxole, 5-[3-acetaminopro	221	C12H15NO3	000000-00-0	10
4	Mercaptoacetic acid, bis(trimethyls	236	C8H20O2SSi2	006398-62-5	10



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 3 Jun 2002 2:05 pm
Data File: C:\HPCHEM\1\DATA\JUN0302\12224.D
Name: re-ext
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title: 209 625/TCLP calibration table
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
2-Pentanone, 4-hydro	8.07	0.8	ug/l	60275	ISTD01	12.07	2888560	40.0
Bicyclo[2.2.1]hept-5	38.54	0.8	ug/l	41519	ISTD06	37.66	2128480	40.0
3,6-Dioxa-2,4,5,7-te	40.24	1.0	ug/l	53285	ISTD06	37.66	2128480	40.0
3,6-Dioxa-2,4,5,7-te	42.35	1.1	ug/l	56962	ISTD06	37.66	2128480	40.0

12224.D GCMS0531.M Tue Jun 04 09:03:22 2002