User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 14:21:58

Sample: AE09391
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/8/02 14:10 Ended: 5/8/02 14:10 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds				
2	[illegible]	[illegible]	[illegible]		[illegible]

Comments for Sample AE09391 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-08-2002 Time: 14:22:50

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for the Surrogate Standard was 64%. This sample will be re-extracted.

Data File : C:\HPCHEM\1\DATA\MAY0102\9391.D Vial: 10
Acq On : 1 May 2002 4:20 pm Operator:
Sample : gc/ms scan 4/18 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 2 11:44 2002 Quant Results File: GCMS0501.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

to be re-spiked

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.21	152	439219	40.00 ug/l	0.00
10) Naphthalene-d8	15.84	136	1623223	40.00 ug/l	-0.01
17) Acenaphthene-d10	21.15	164	852370	40.00 ug/l	0.00
30) Phenanthrene-d10	25.58	188	1195246	40.00 ug/l	-0.01
38) Chrysene-d12	33.65	240	760427	40.00 ug/l	-0.02
44) Perylene-d12	37.87	264	453179	40.00 ug/l	-0.01
System Monitoring Compounds					
28) TCMX	23.28	209	26666	6.43 ug/L	-0.01
Spiked Amount 10.000			Recovery =	64.30%	
Target Compounds					Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.	
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.	
4) 1,3-Dichlorobenzene	0.00	146	0	N.D.	
5) 1,4-Dichlorobenzene	0.00	146	0	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-Nitroso-di-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	0.00	128	0	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	0.00	165	0	N.D.	
25) Diethylphthalate	22.62	149	572	N.D.	
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.	
27) Fluorene	0.00	166	0	N.D.	
29) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.	
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.	
32) 4-Bromophenyl-phenylether	0.00	248	0	N.D.	
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.59	178	397	N.D.	

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

Data File : C:\HPCHEM\1\DATA\MAY0102\9391.D Vial: 10
Acq On : 1 May 2002 4:20 pm Operator:
Sample : gc/ms scan 4/18 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 2 11:44 2002 Quant Results File: GCMS0501.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.59	178	398	N.D.	
36)	Di-n-butylphthalate	27.55	149	3846	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.65	228	1957	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.86	149	13522	0.75 ug/l	98
43)	Chrysene	33.73	228	334	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
47)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(a)pyrene	37.88	252	1694	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.	

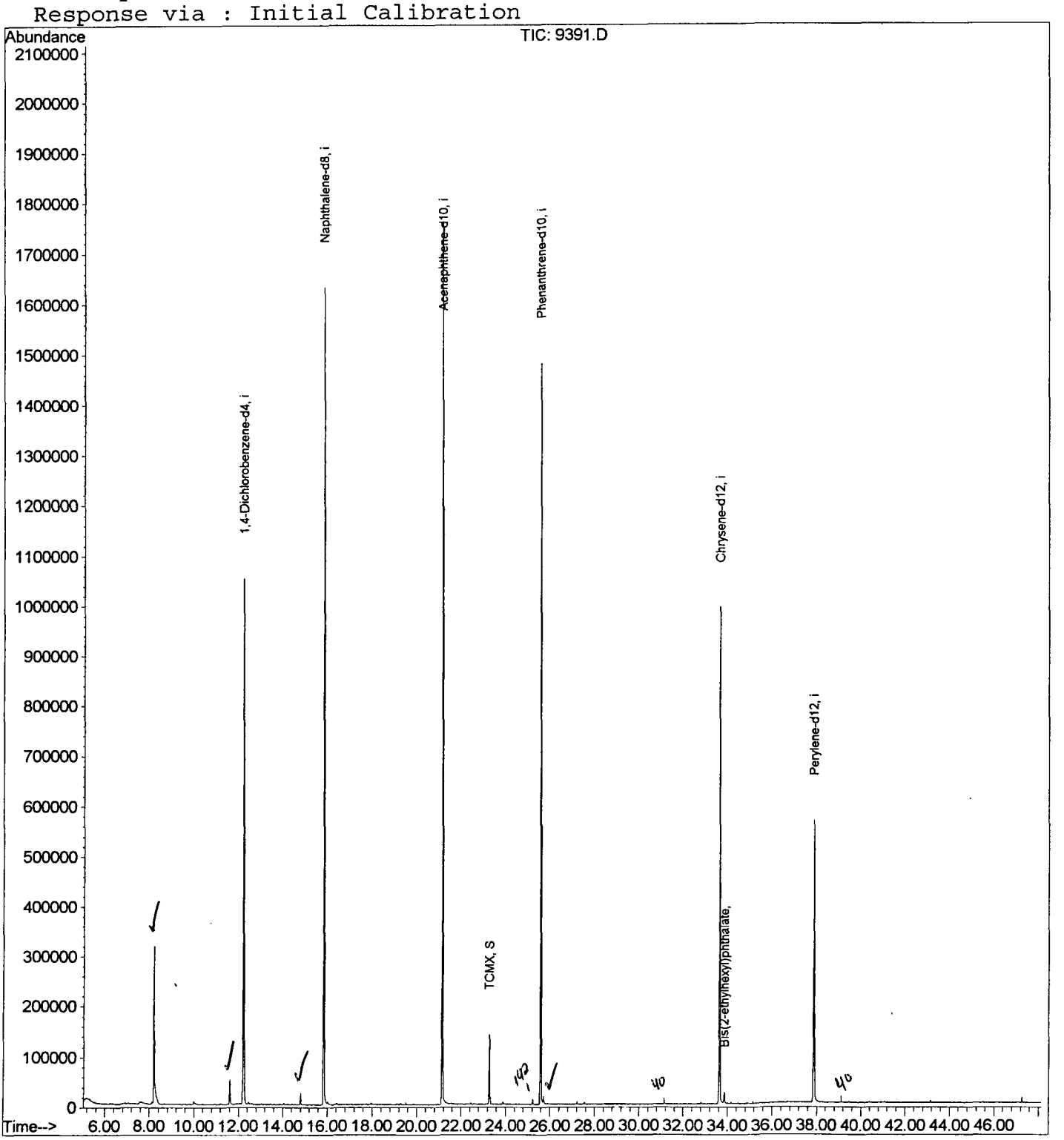
(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\MAY0102\9391.D
Acq On : 1 May 2002 4:20 pm
Sample : gc/ms scan 4/18
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 2 11:44 2002

Vial: 10
Operator:
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0501.RES

Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration



Data File : C:\HPCHEM\1\DATA\MAY0102\9391.D Vial: 10
Acq On : 1 May 2002 4:20 pm Operator:
Sample : gc/ms scan 4/18 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0501.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

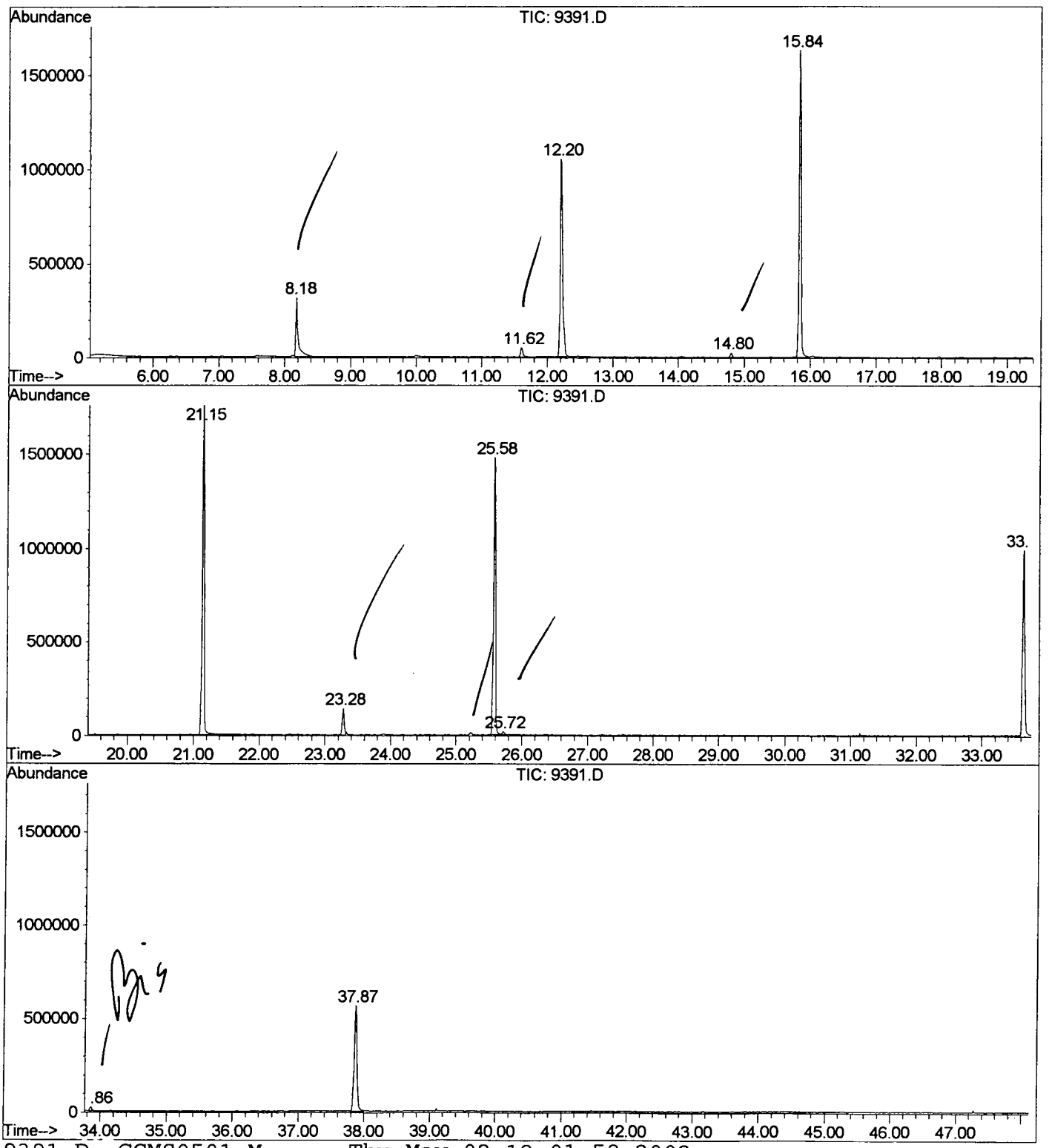
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.180	340	343	370	rVB	312018	760129	21.23%	4.214%
2	11.616	712	718	725	rBV	49423	118842	3.32%	0.659%
3	12.202	777	782	802	rVB	1048490	2626729	73.36%	14.564%
4	14.805	1061	1066	1071	rBV	23340	44176	1.23%	0.245%
5	15.840	1173	1179	1195	rBV	1627323	3323138	92.81%	18.425%
6	21.146	1751	1758	1778	rBV	1756726	3580666	100.00%	19.853%
7	23.281	1984	1991	1995	rBV	137902	269708	7.53%	1.495%
8	25.581	2236	2242	2253	rBV2	1475430	3285133	91.75%	18.214%
9	25.719	2253	2257	2265	rVB	14795	37257	1.04%	0.207%
10	33.645	3115	3122	3135	rBV2	989639	2318805	64.76%	12.856%
11	33.856	3141	3145	3153	rVB	21760	48757	1.36%	0.270%
12	37.870	3574	3583	3597	rBV2	561685	1622952	45.33%	8.998%

Sum of corrected areas: 18036292

9391.D GCMS0501.M Thu May 02 12:01:58 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0102\9391.D
Operator :
Acquired : 1 May 2002 4:20 pm using AcqMethod GCMS0501
Instrument : 209
Sample Name: gc/ms scan 4/18
Misc Info :
Vial Number: 10
Quant File :GCMS0501.RES (RTE Integrator)



9391.D GCMS0501.M Thu May 02 12:01:59 2002

Data File : C:\HPCHEM\1\DATA\MAY0102\9391.D Vial: 10
Acq On : 1 May 2002 4:20 pm Operator:
Sample : gc/ms scan 4/18 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

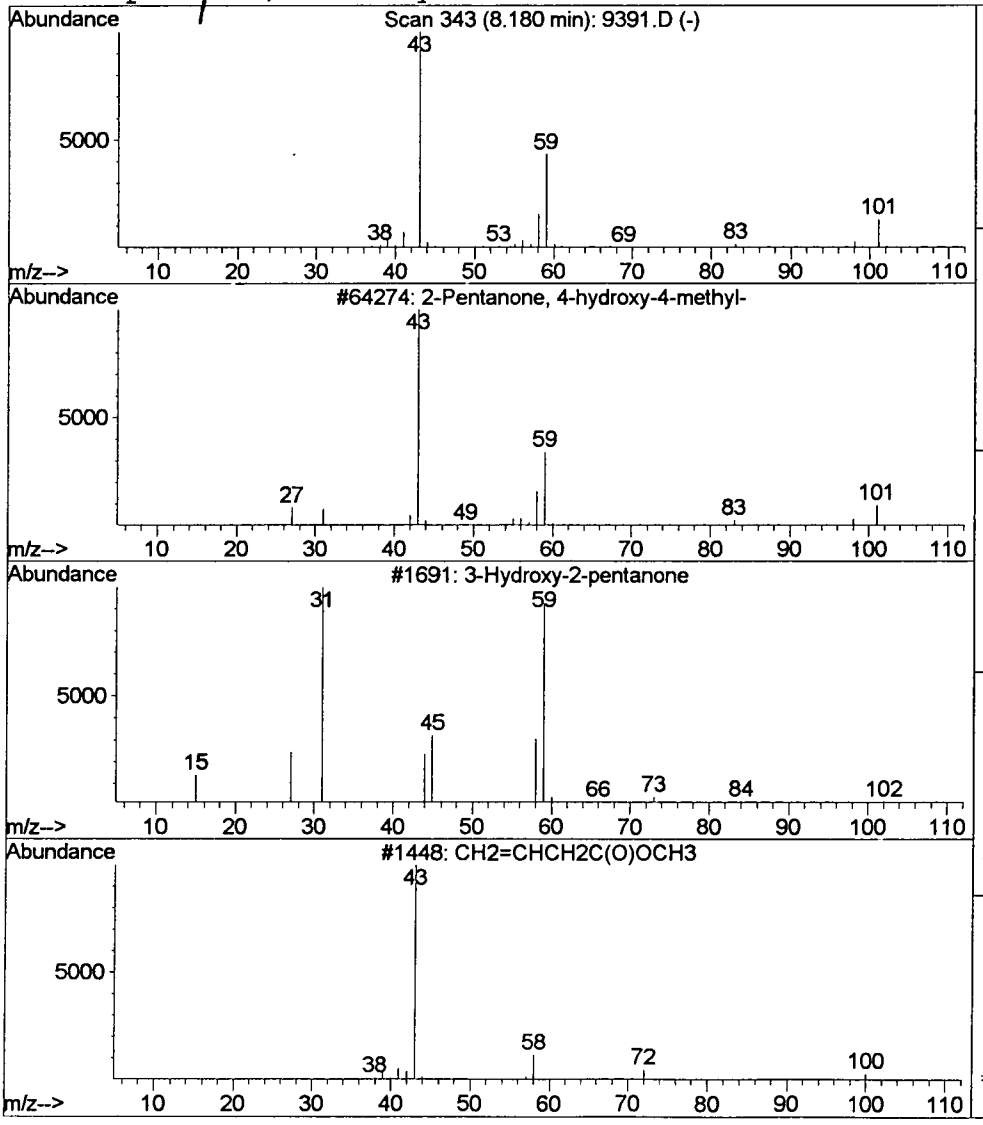
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

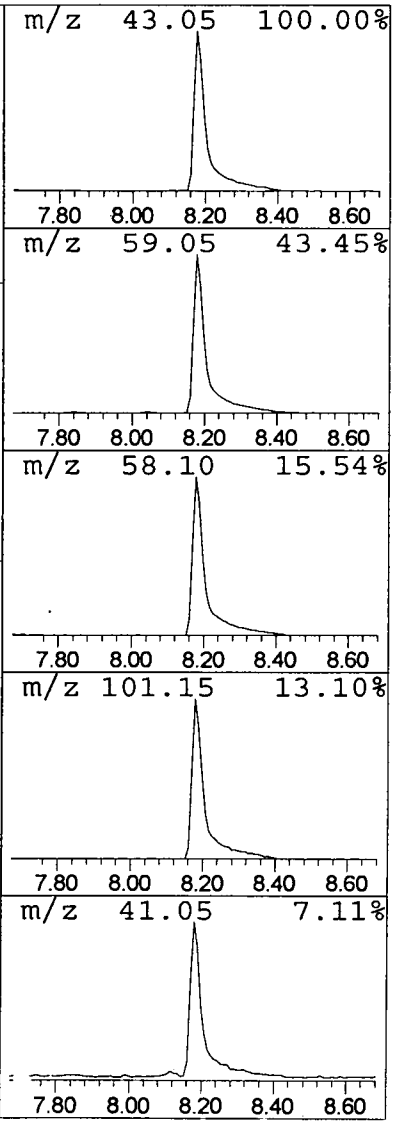
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	11.58 ug/l	760129	1,4-Dichlorobenzene-d4	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	5





Data File : C:\HPCHEM\1\DATA\MAY0102\9391.D Vial: 10
Acq On : 1 May 2002 4:20 pm Operator:
Sample : gc/ms scan 4/18 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

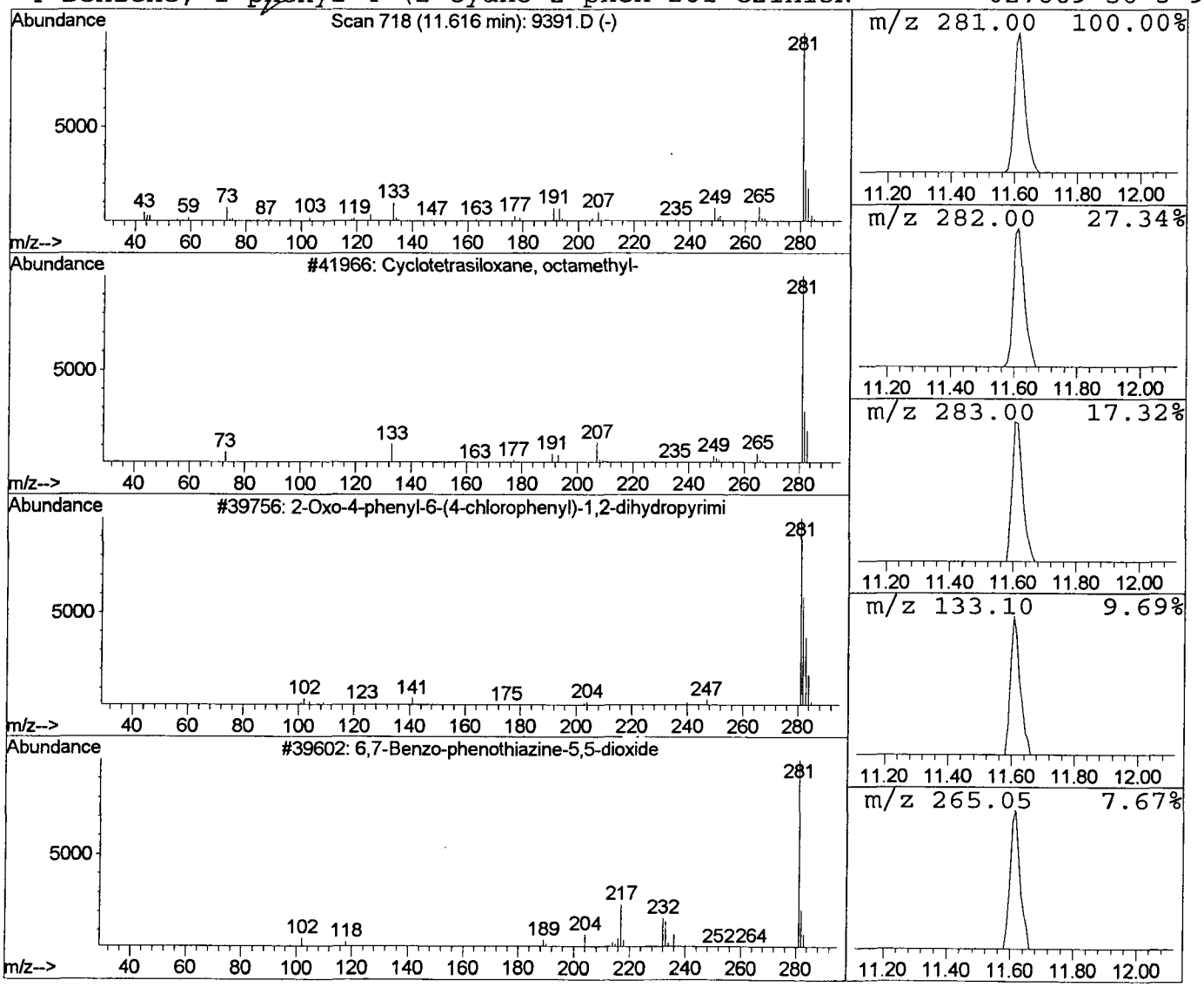
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclotetrasiloxane, octamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	1.81 ug/l	118842	1,4-Dichlorobenzene-d4	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	88
2	2-Oxo-4-phenyl-6-(4-chlorophenyl)-1	282	C16H11ClN2O	000000-00-0	9
3	6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	9
4	Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	9



Data File : C:\HPCHEM\1\DATA\MAY0102\9391.D Vial: 10
Acq On : 1 May 2002 4:20 pm Operator:
Sample : gc/ms scan 4/18 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

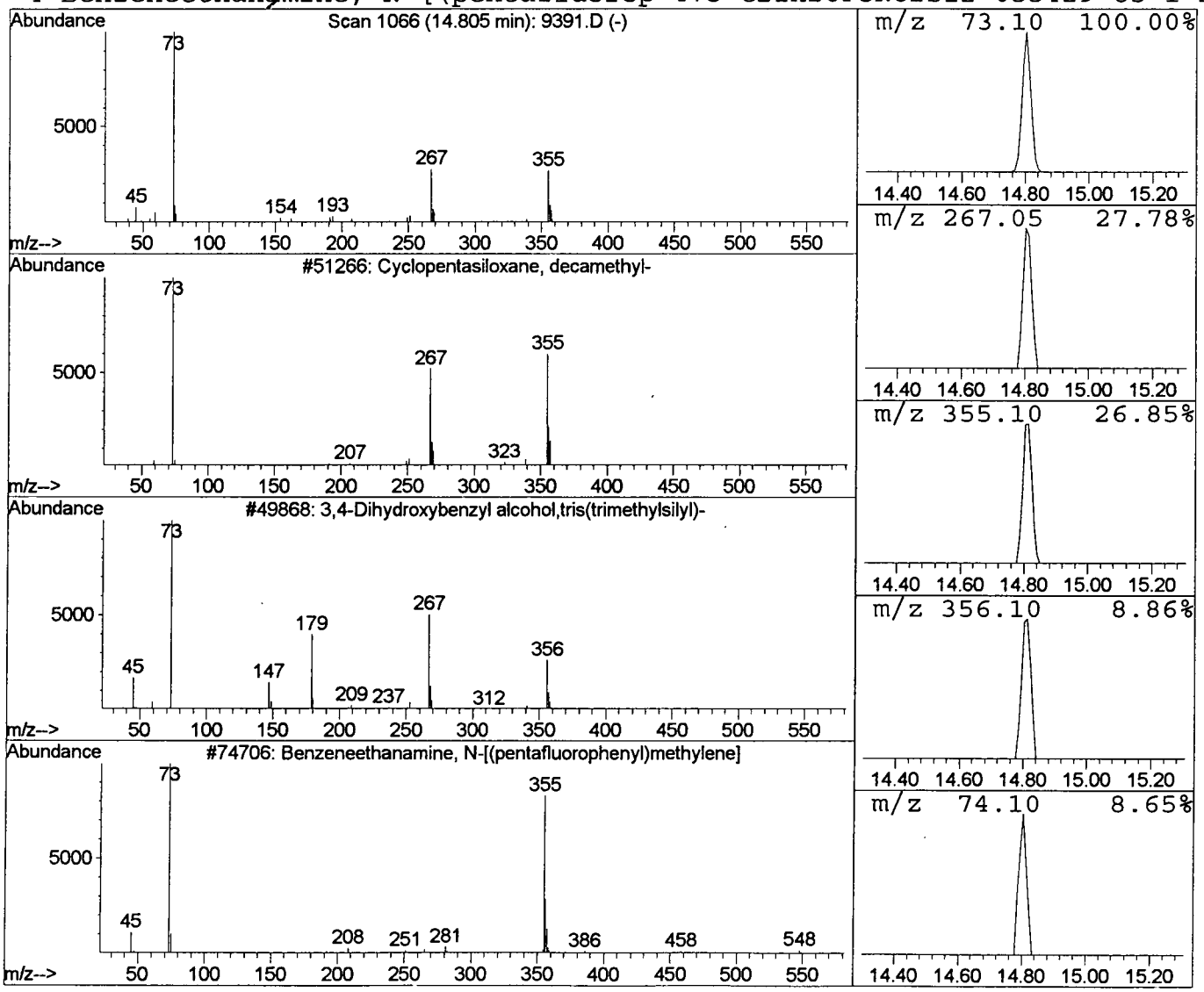
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclopentasiloxane, decamethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	0.53 ug/l	44176	Naphthalene-d8	15.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	83
2	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	37
3	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	28
4	Benzeneethanamine, N-[(pentafluorop	475	C21H26F5NO2Si2	055429-85-1	25



Data File : C:\HPCHEM\1\DATA\MAY0102\9391.D Vial: 10
Acq On : 1 May 2002 4:20 pm Operator:
Sample : gc/ms scan 4/18 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

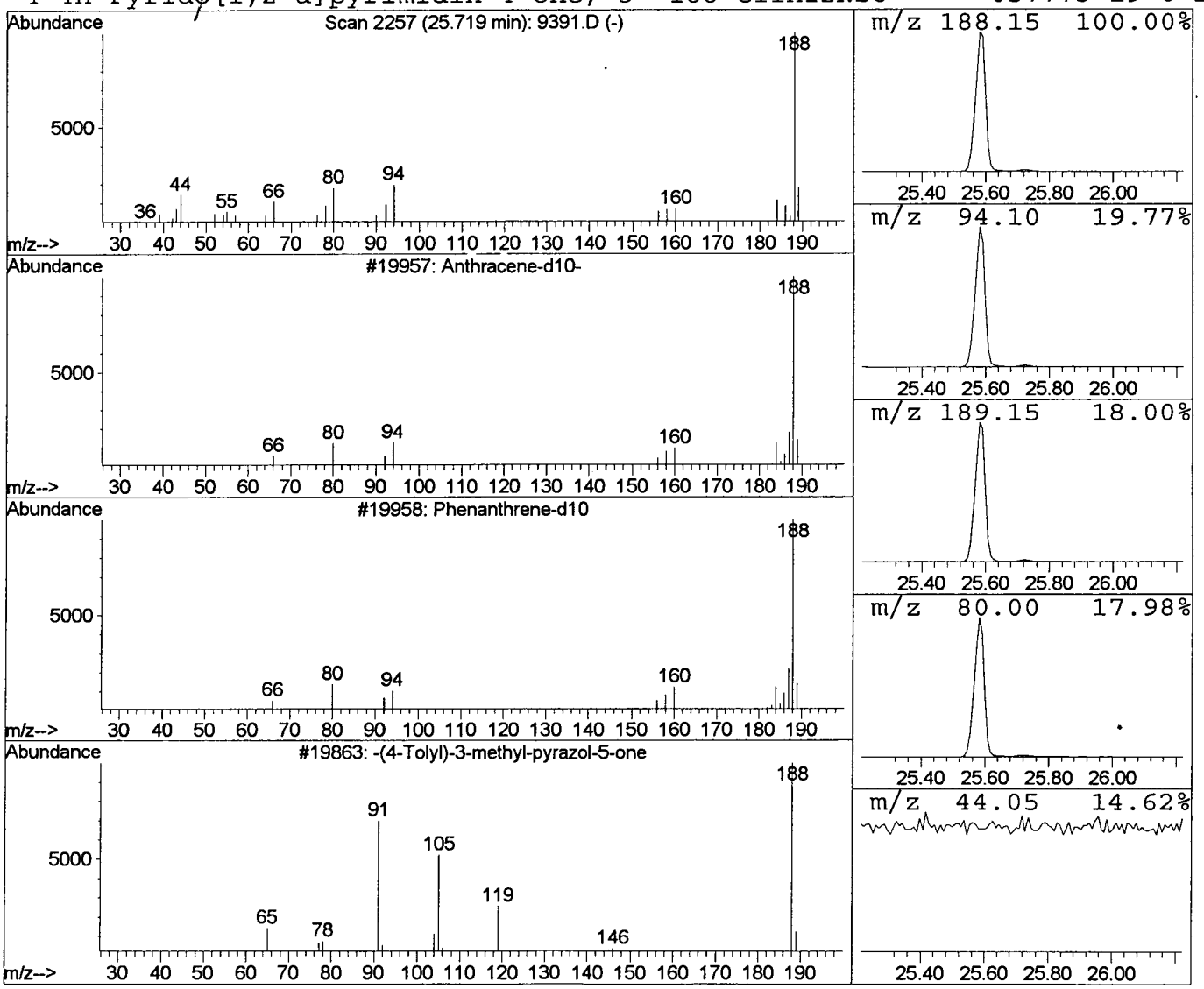
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Anthracene-d10- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.72	0.45 ug/l	37257	Phenanthrene-d10	25.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	80
2	Phenanthrene-d10	188	C14D10	001517-22-2	80
3	-(4-Tolyl)-3-methyl-pyrazol-5-one	188	C11H12N2O	035496-19-6	38
4	4H-Pyrido[1,2-a]pyrimidin-4-one, 3-	188	C11H12N2O	057773-19-0	28



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 1 May 2002 4:20 pm
Data File: C:\HPCHEM\1\DATA\MAY0102\9391.D
Name: gc/ms scan 4/18
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0501.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	8.18	11.6	ug/l	760129	ISTD01	12.21	2626730	40.0
Cyclotetrasiloxane,	11.62	1.8	ug/l	118842	ISTD01	12.21	2626730	40.0
Cyclopentasiloxane,	14.80	0.5	ug/l	44176	ISTD02	15.84	3323140	40.0
Anthracene-d10-	25.72	0.5	ug/l	37257	ISTD04	25.58	3285130	40.0

9391.D GCMS0501.M Thu May 02 12:02:04 2002