User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/17/2002 Time: 09:05:20

Sample: AE09334
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/8/02 11:38 Ended: 5/8/02 11:38 Analyst: DLV
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr 2,4-DDD	LSPEC	81		10.0

91% for re-ext

Comments for Sample AE09334 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-17-2002 Time: 09:05:18

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The Surrogate Standard recovery was 61%. This sample will be reanalyzed. Re-analysis yields a Surrogate Standard recovery of 91%.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0802\9334.D Vial: 21
Acq On : 9 May 2002 6:09 am Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 9 8:41 2002 Quant Results File: GCMS0507.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue May 07 08:24:38 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.19	152	413343	40.00	ug/l	0.00
10) Naphthalene-d8	15.83	136	1494913	40.00	ug/l	0.00
17) Acenaphthene-d10	21.13	164	809746	40.00	ug/l	0.00
30) Phenanthrene-d10	25.57	188	1112542	40.00	ug/l	0.00
38) Chrysene-d12	33.63	240	682629	40.00	ug/l	0.00
44) Perylene-d12	37.86	264	419457	40.00	ug/l	0.00
System Monitoring Compounds						
28) TCMX	23.27	209	36701	9.11	ug/L	0.00
Spiked Amount 10.000			Recovery = 91.10%			
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	15.88	128	113	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.		
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	830	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	25.58	178	123	N.D.		

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

Quantitation Report (QT Reviewed)

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Acq On : 9 May 2002 6:09 am Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
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Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue May 07 08:24:38 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

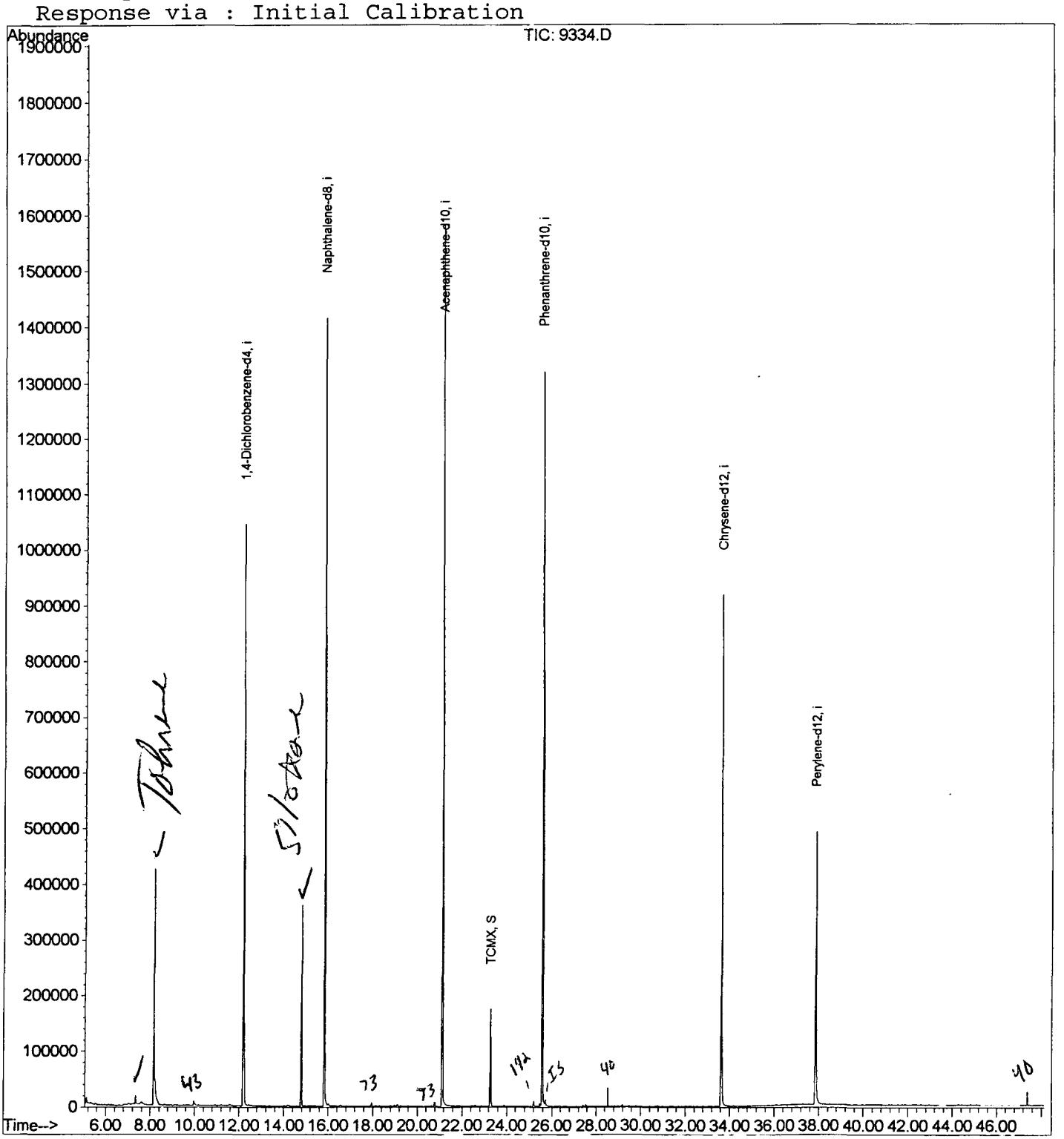
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35) Anthracene	0.00	178	0	N.D.	
36) Di-n-butylphthalate	27.55	149	4652	N.D.	
37) Fluoranthene	0.00	202	0	N.D.	
39) Pyrene	0.00	202	0	N.D.	
40) Butylbenzylphthalate	0.00	149	0	N.D.	
41) Benzo(a)anthracene	33.63	228	1590	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.85	149	831	N.D.	
43) Chrysene	33.63	228	1590	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	37.87	252	1523	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\MAY0802\9334.D Vial: 21
Acq On : 9 May 2002 6:09 am Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 9 8:41 2002 Quant Results File: GCMS0507.RES

Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu May 09 14:27:53 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY0802\9334.D Vial: 21
Acq On : 9 May 2002 6:09 am Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0507.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

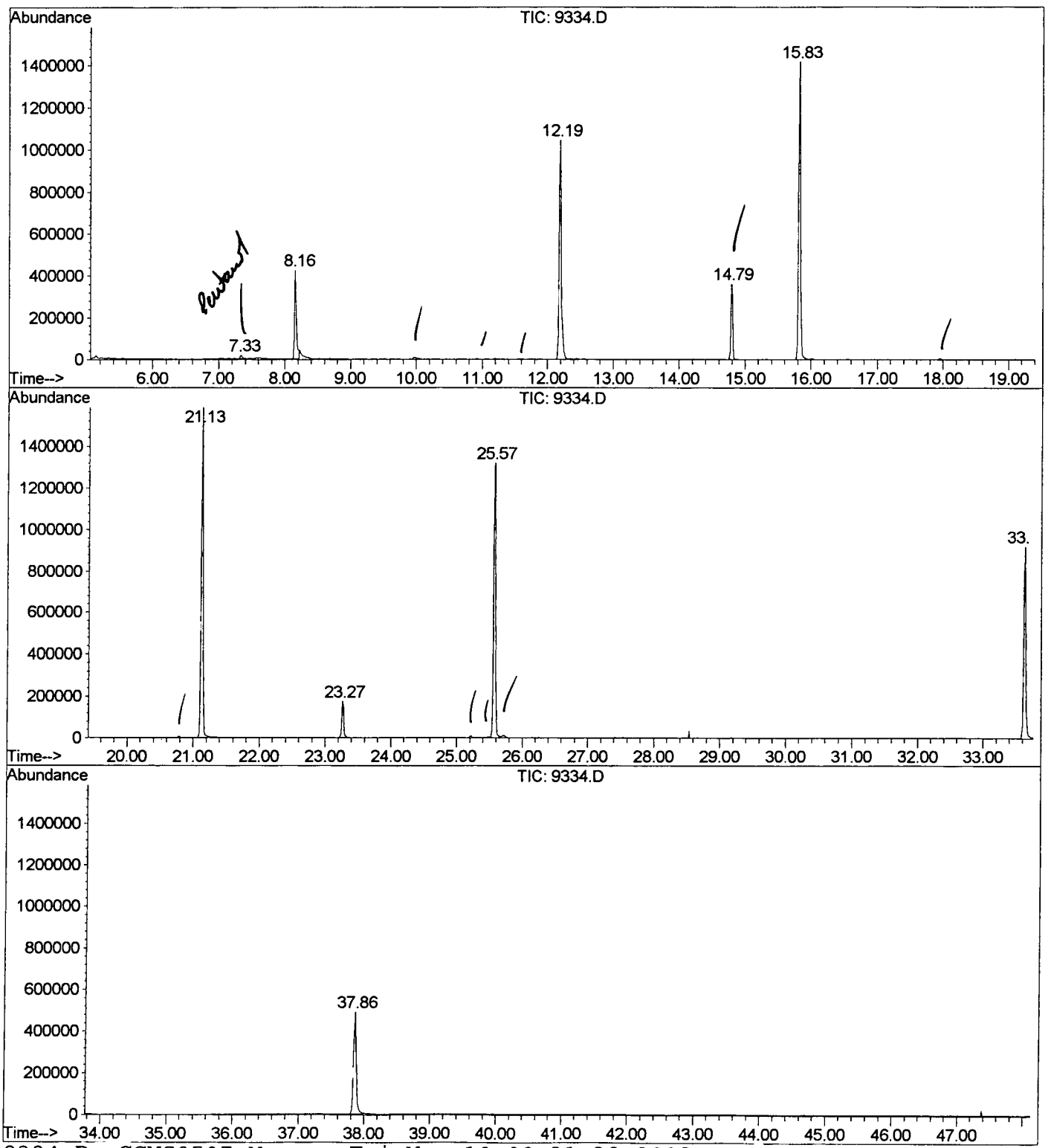
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.334	246	250	260	rBV	16629	37175	1.14%	0.220%
2	8.159	336	340	346	rBV	423834	840955	25.79%	4.969%
3	12.191	774	780	795	rBV	1043933	2340777	71.78%	13.830%
4	14.794	1057	1064	1071	rBV	361183	692783	21.24%	4.093%
5	15.829	1170	1177	1194	rBV	1415050	2940696	90.17%	17.375%
6	21.135	1749	1756	1779	rBV	1583559	3261230	100.00%	19.268%
7	23.270	1982	1989	1998	rBV2	174880	363705	11.15%	2.149%
8	25.570	2234	2240	2251	rBV2	1319241	2962411	90.84%	17.503%
9	33.634	3113	3120	3138	rBV	918196	2038577	62.51%	12.045%
10	37.858	3572	3581	3595	rBV2	489333	1446909	44.37%	8.549%

Sum of corrected areas: 16925218

9334.D GCMS0507.M Fri May 10 08:21:38 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0802\9334.D
Operator :
Acquired : 9 May 2002 6:09 am using AcqMethod GCMS0507
Instrument : 209
Sample Name: RE-EXT.
Misc Info :
Vial Number: 21
Quant File :GCMS0507.RES (RTE Integrator)



9334.D GCMS0507.M Fri May 10 08:21:39 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0802\9334.D Vial: 21
Acq On : 9 May 2002 6:09 am Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

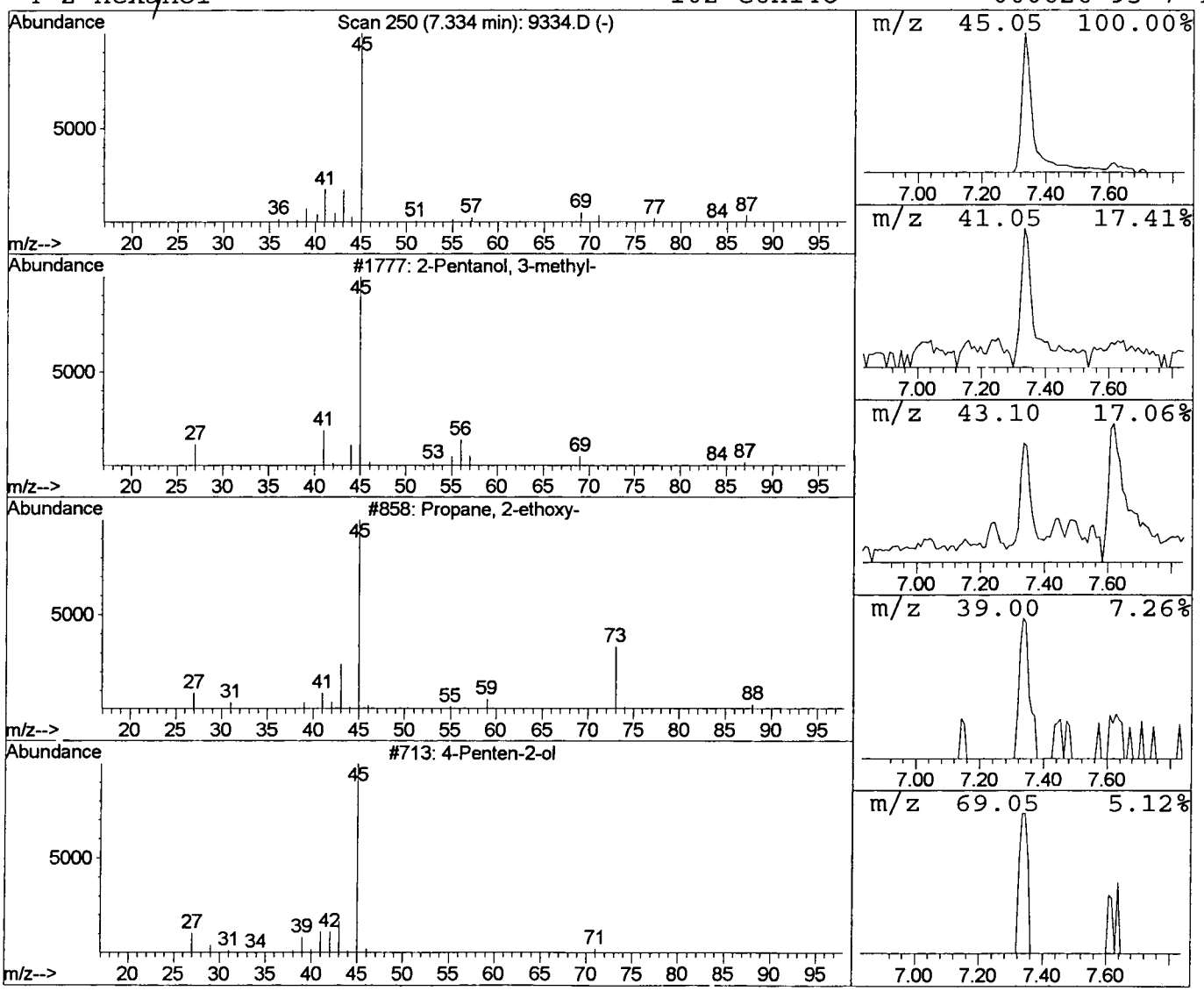
Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Pentanol, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	0.64 ug/l	37175	1,4-Dichlorobenzene-d4	12.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 3-methyl-	102	C6H14O	000565-60-6	9
2	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	9
3	4-Penten-2-ol	86	C5H10O	000625-31-0	9
4	2-Hexanol	102	C6H14O	000626-93-7	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0802\9334.D Vial: 21
Acq On : 9 May 2002 6:09 am Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

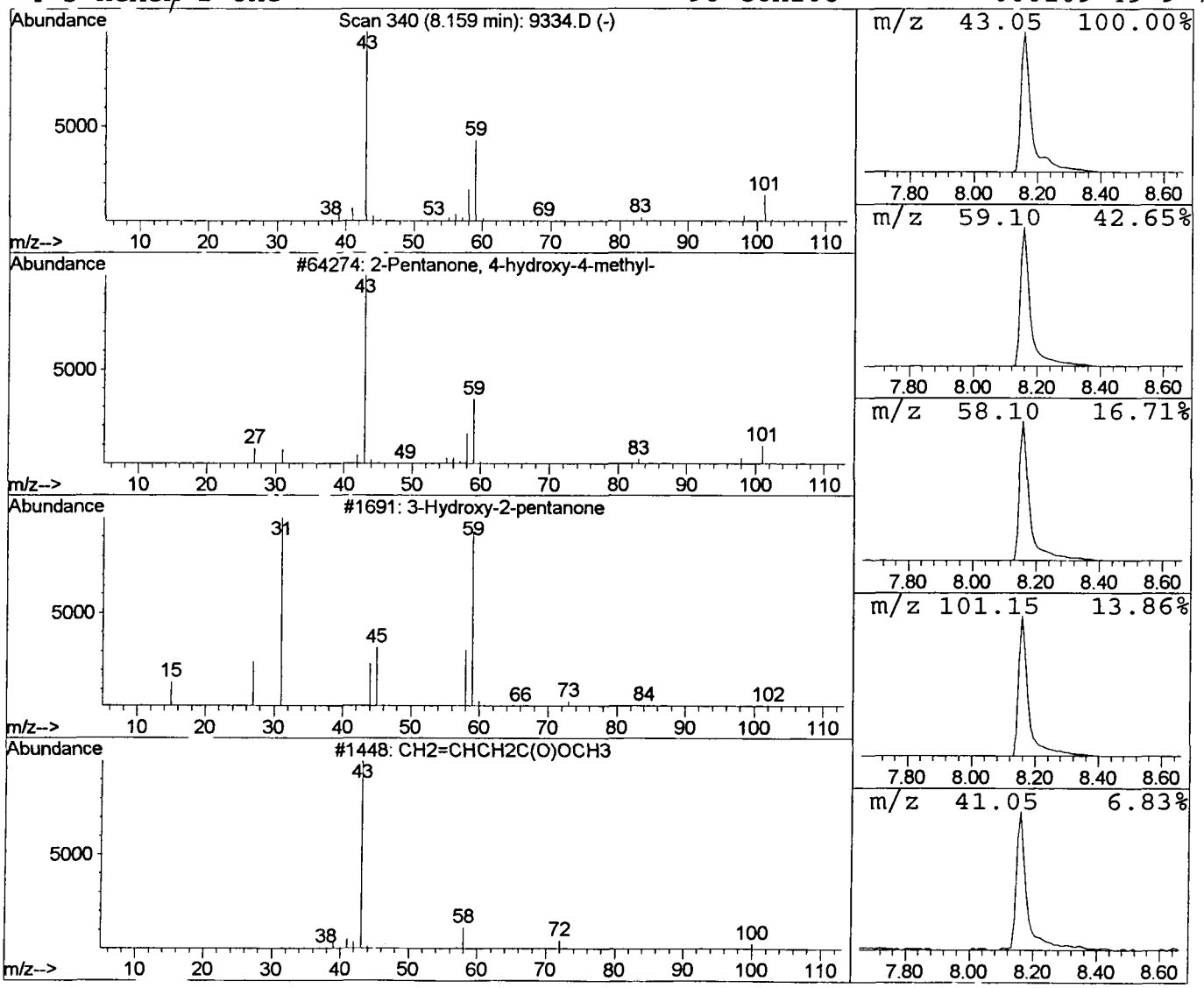
Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	14.37 ug/l	840955	1,4-Dichlorobenzene-d4	12.19

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	5-Hexen-2-one	98	C6H10O	000109-49-9	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0802\9334.D Vial: 21
Acq On : 9 May 2002 6:09 am Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

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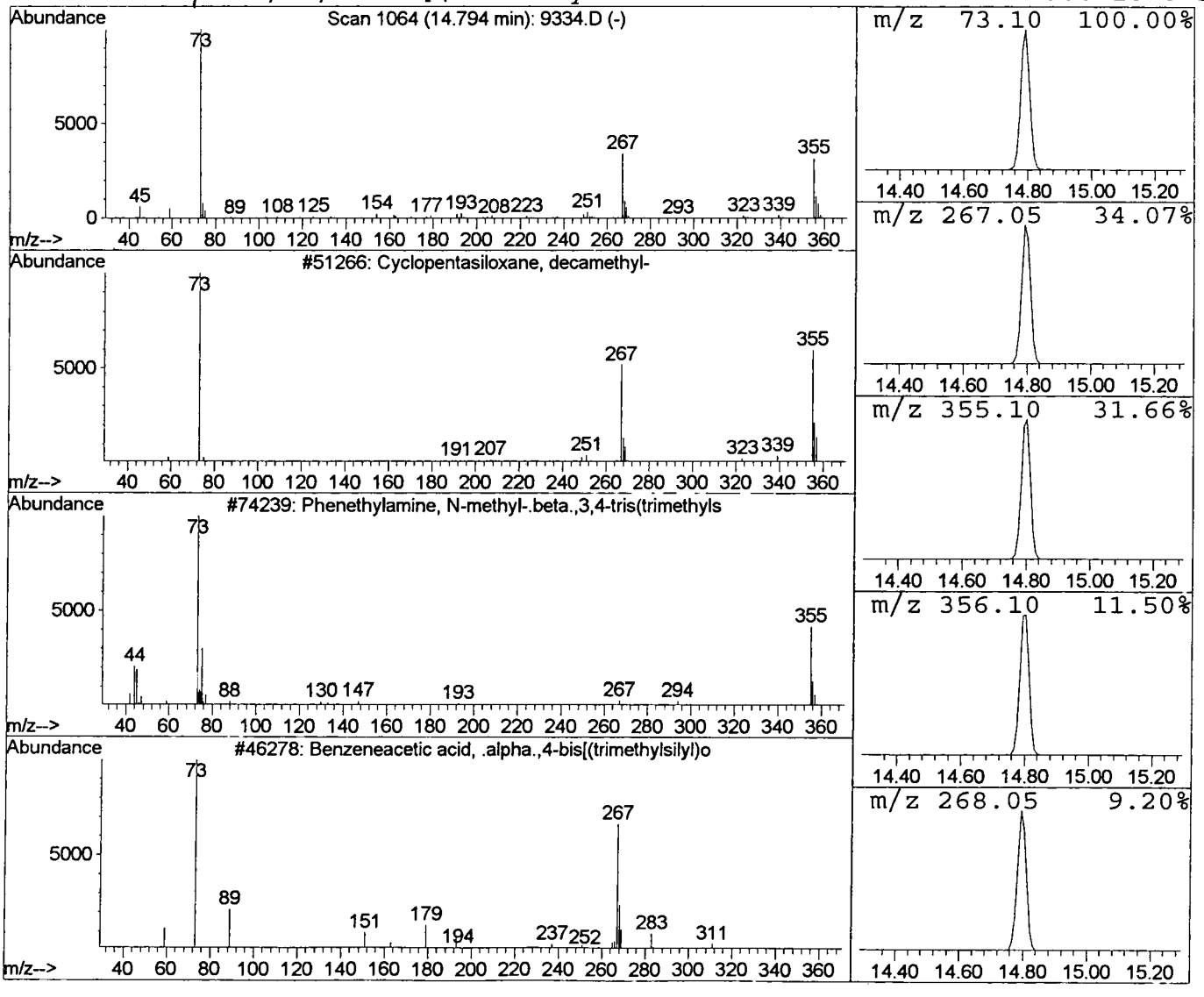
Peak Number 3 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	9.42 ug/l	692783	Naphthalene-d8	15.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	72
2	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	38
3	Benzeneacetic acid, .alpha.,4-bis[(	326	C15H26O4Si2	055334-40-2	37
4	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	37



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 9 May 2002 6:09 am
Data File: C:\HPCHEM\1\DATA\MAY0802\9334.D
Name: RE-EXT.
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0507.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-Pentanol, 3-methyl	7.33	0.6	ug/l	37175	ISTD01	12.19	2340780	40.0
2-Pentanone, 4-hydro	8.16	14.4	ug/l	840955	ISTD01	12.19	2340780	40.0
Cyclopentasiloxane,	14.79	9.4	ug/l	692783	ISTD02	15.83	2940700	40.0

9334.D GCMS0507.M Fri May 10 08:21:43 2002