User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/07/2002 Time: 13:52:14

Sample: AE08838
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/7/02 13:51 Ended: 5/7/02 13:51 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		78		10.0

Comments for Sample AE08838 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-07-2002 Time: 13:52:50

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\MAY0302\8838.D Vial: 7
Acq On : 3 May 2002 7:55 pm Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 6 9:43 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

re-extract

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.19	152	444862	40.00	ug/l	-0.02
10) Naphthalene-d8	15.83	136	1623023	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.13	164	869477	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.58	188	1201255	40.00	ug/l	-0.01
38) Chrysene-d12	33.63	240	720123	40.00	ug/l	-0.03
44) Perylene-d12	37.87	264	436785	40.00	ug/l	-0.01
System Monitoring Compounds						
28) TCMX	23.27	209	32994	7.80	ug/L	-0.02
Spiked Amount 10.000			Recovery = 78.00%			
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	14.53	82	339	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	488	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	22.61	149	710	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	25.64	178	391	N.D.		

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

Quantitation Report (QT Reviewed)

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Misc : Multiplr: 1.00
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Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

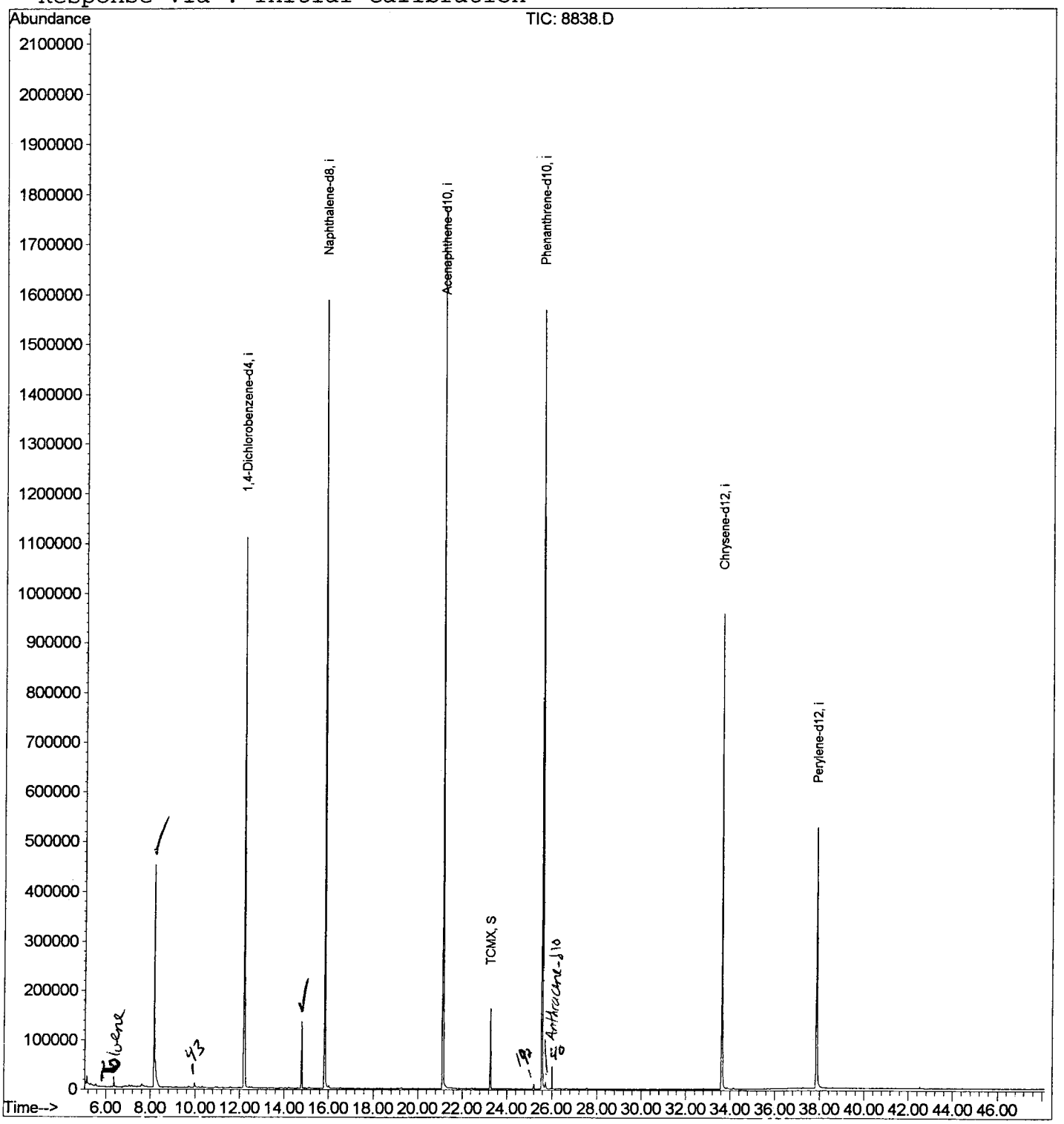
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.64	178	392	N.D.	
36)	Di-n-butylphthalate	27.55	149	3048	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.64	228	1636	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.86	149	1810	N.D.	
43)	Chrysene	33.71	228	269	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	1548	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\MAY0302\8838.D Vial: 7
Acq On : 3 May 2002 7:55 pm Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 6 9:43 2002 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



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY0302\8838.D Vial: 7
Acq On : 3 May 2002 7:55 pm Operator:
Sample : RE-EXT. 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

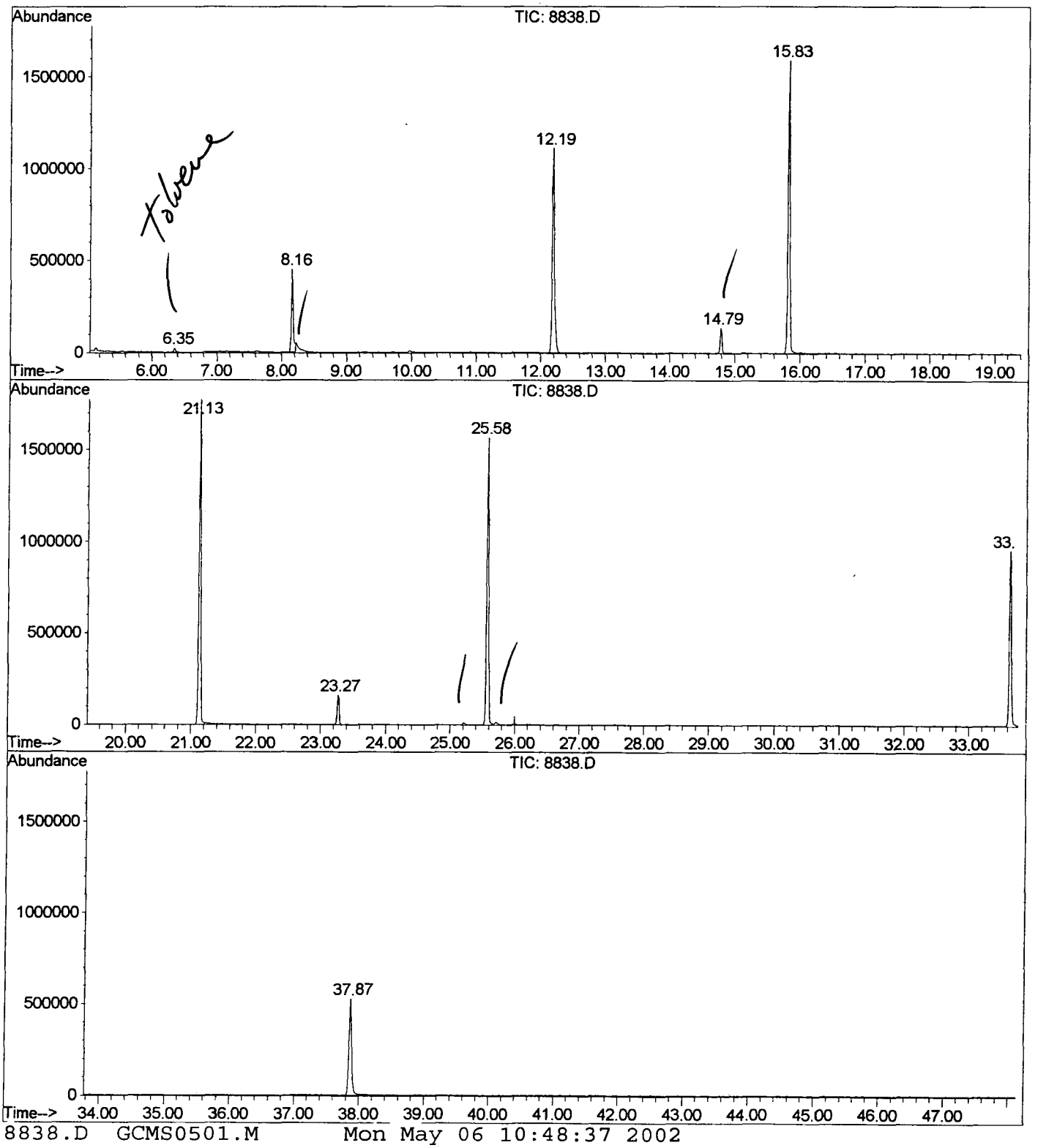
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.354	139	143	150	rBV	21206	39190	1.10%	0.220%
2	8.159	336	340	346	rBV	448080	881270	24.80%	4.945%
3	12.191	774	780	795	rBV	1110044	2573511	72.41%	14.442%
4	14.793	1059	1064	1070	rBV	135861	260765	7.34%	1.463%
5	15.829	1170	1177	1193	rBV	1586406	3249579	91.43%	18.236%
6	21.135	1749	1756	1765	rBV	1773958	3554051	100.00%	19.944%
7	23.270	1982	1989	1995	rVB	161153	318111	8.95%	1.785%
8	25.579	2234	2241	2252	rBV2	1566890	3263917	91.84%	18.316%
9	33.634	3114	3120	3136	rBV2	956033	2154400	60.62%	12.090%
10	37.867	3574	3582	3599	rBV2	524408	1525100	42.91%	8.558%

Sum of corrected areas: 17819894

8838.D GCMS0501.M Mon May 06 10:48:35 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0302\8838.D
Operator :
Acquired : 3 May 2002 7:55 pm using AcqMethod GCMS0501
Instrument : 209
Sample Name: RE-EXT.
Misc Info :
Vial Number: 7
Quant File :GCMS0501.RES (RTE Integrator)



8838.D GCMS0501.M Mon May 06 10:48:37 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0302\8838.D
Acq On : 3 May 2002 7:55 pm
Sample : RE-EXT.
Misc :
MS Integration Params: LSCINT.P

Vial: 7
Operator:
Inst : 209
Multiplr: 1.00

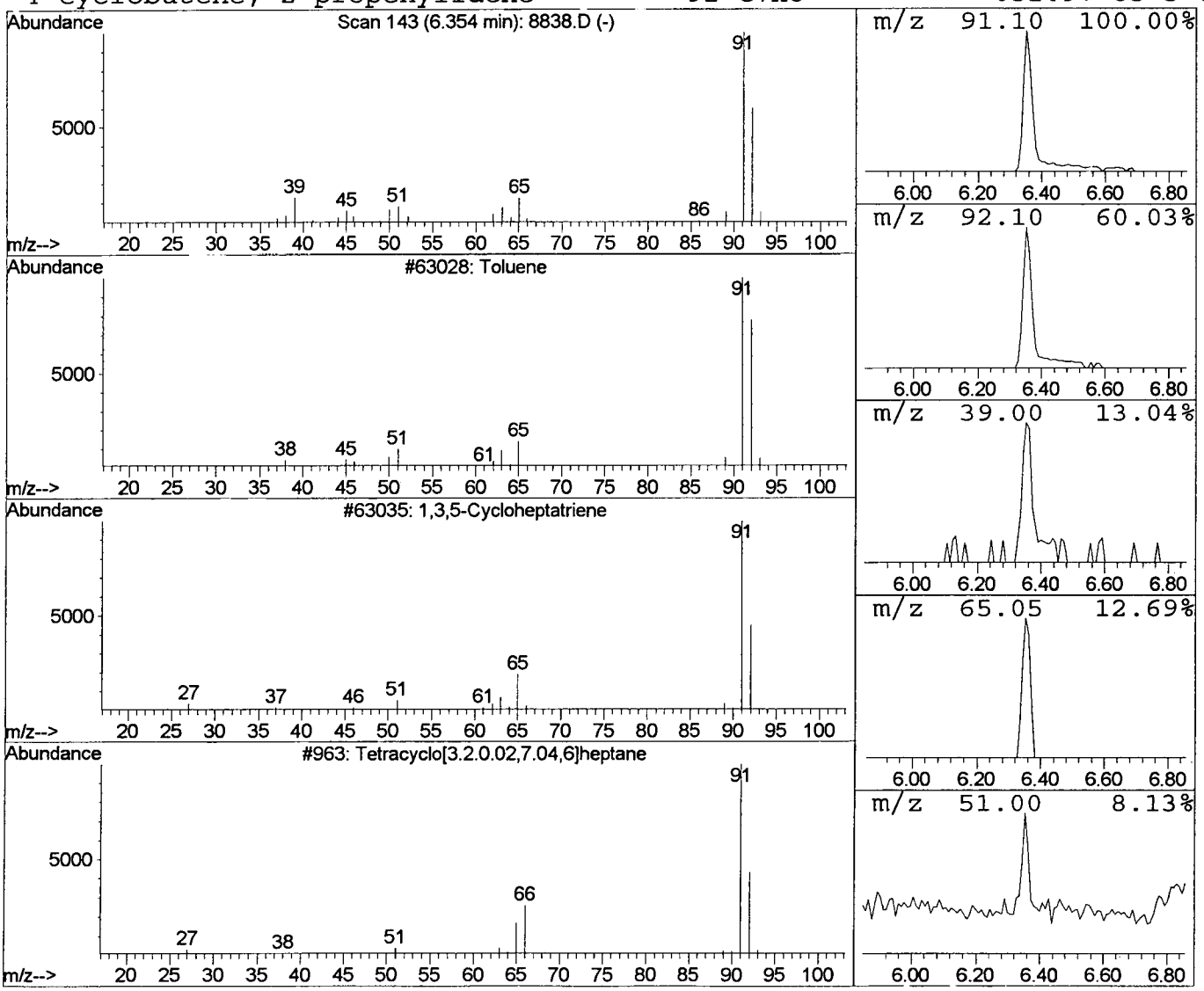
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Toluene — Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	0.61 ug/l	39190	1,4-Dichlorobenzene-d4	12.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	72
3	Tetracyclo[3.2.0.02,7.04,6]heptane	92	C7H8	000278-06-8	64
4	Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	64



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0302\8838.D Vial: 7
Acq On : 3 May 2002 7:55 pm Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

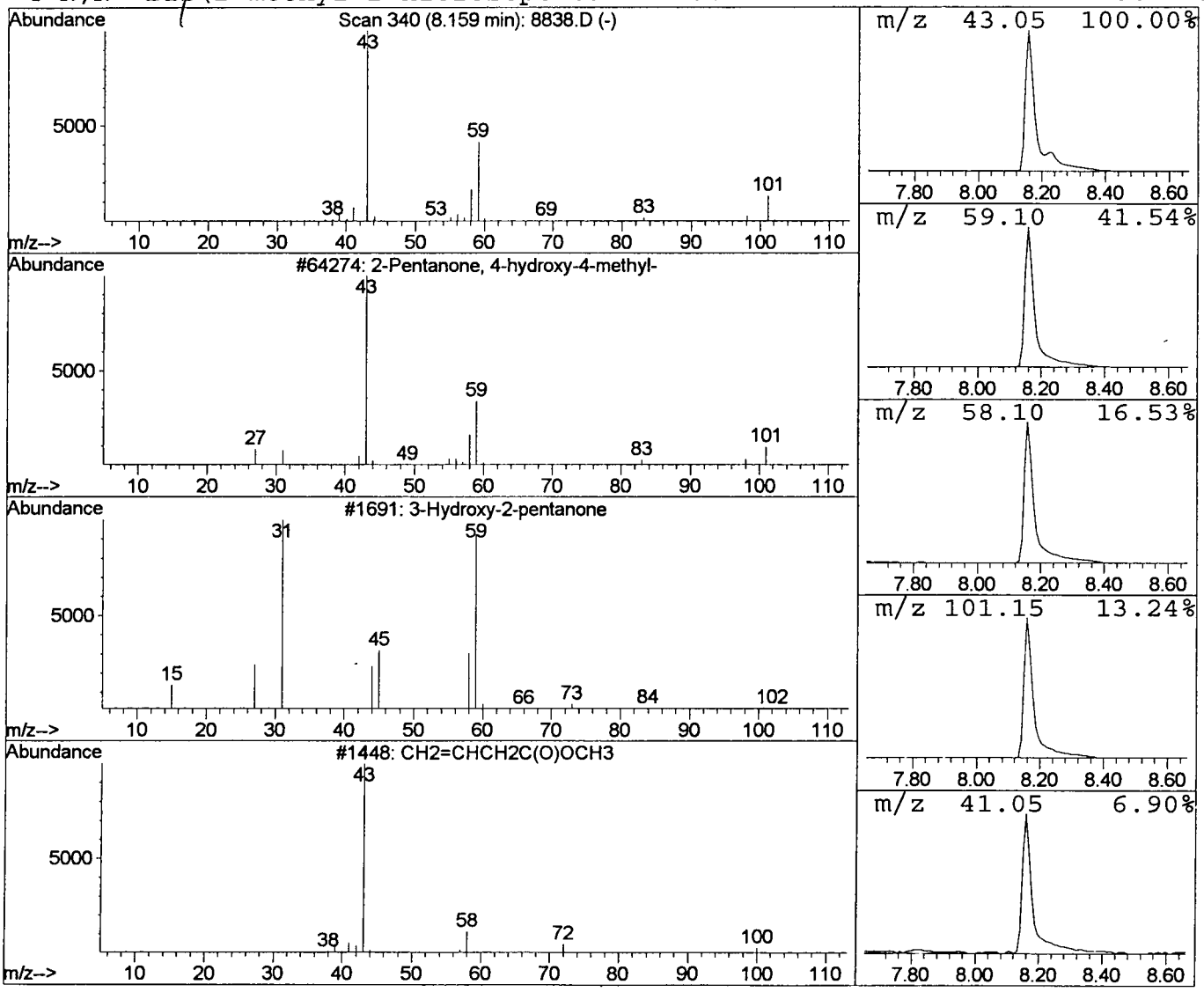
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	13.70 ug/l	881270	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	78
2	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
4	N,N'-Bis(2-methyl-2-nitrosopentan-4	258	C12H22N2O4	094514-30-4	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0302\8838.D Vial: 7
Acq On : 3 May 2002 7:55 pm Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

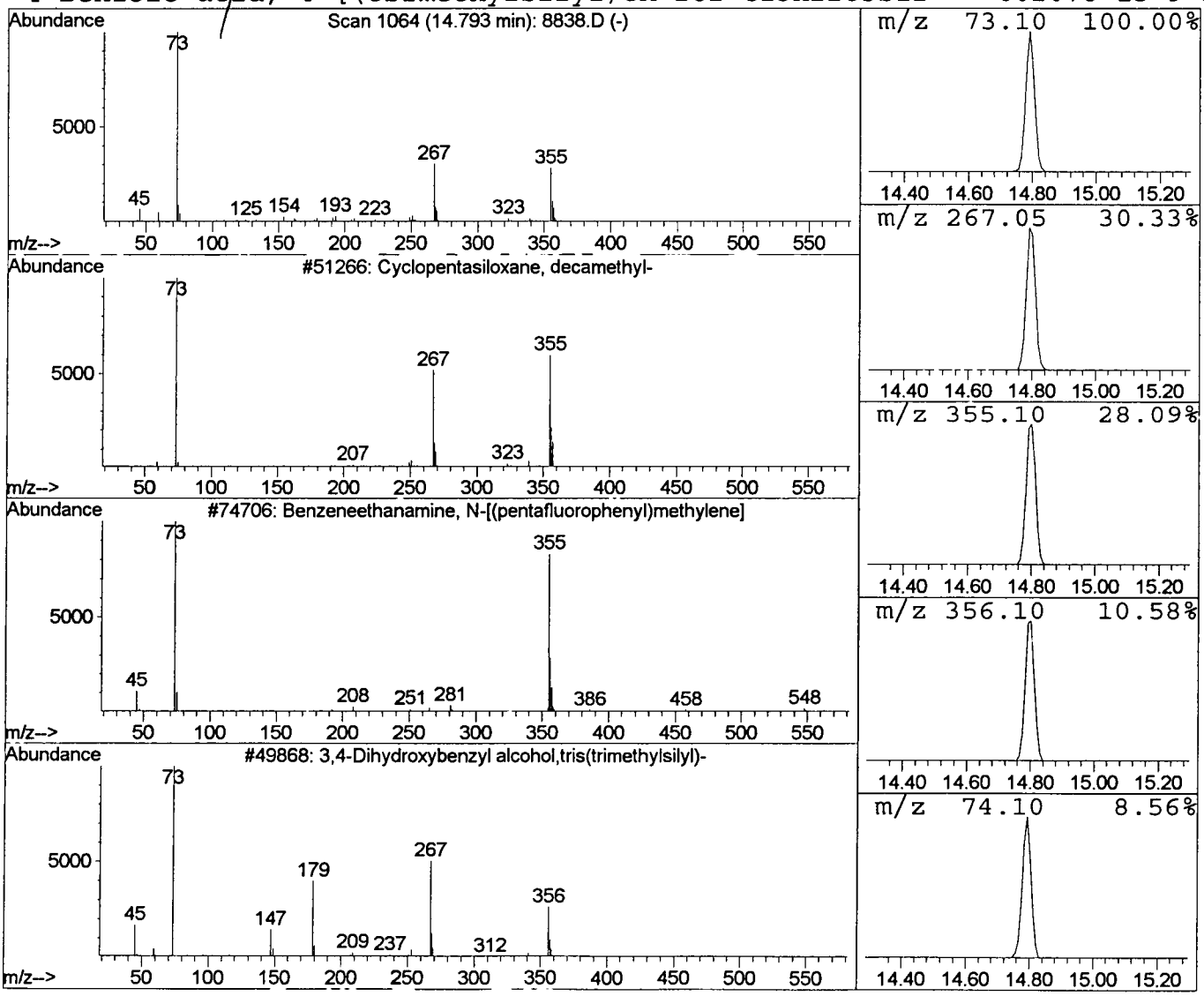
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	3.21 ug/l	260765	Naphthalene-d8	15.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	64
2	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	38
3	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	38
4	Benzoic acid, 4-[(trimethylsilyl)ox	282	C13H22O3Si2	002078-13-9	37



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 3 May 2002 7:55 pm
Data File: C:\HPCHEM\1\DATA\MAY0302\8838.D
Name: RE-EXT.
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
Toluene	6.35	0.6	ug/l	39190	ISTD01	12.19	2573510	40.0
2-Pentanone, 4-hydro	8.16	13.7	ug/l	881270	ISTD01	12.19	2573510	40.0
Cyclopentasiloxane,	14.79	3.2	ug/l	260765	ISTD02	15.83	3249580	40.0

8838.D GCMS0501.M Mon May 06 10:48:42 2002