User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/26/2002 Time: 14:23:17

Sample: AE08840
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/26/02 14:22 Ended: 4/26/02 14:22 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		73		10.0

Comments for Sample AE08840 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-26-2002 Time: 14:23:50

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for 1 of the 43 compounds in the LCS Standard was low.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR2302\8840.D Vial: 9
Acq On : 23 Apr 2002 10:14 pm Operator:
Sample : gc/ms scan 4/15 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 24 8:18 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.21	152	557033	20.00	ug/l	-0.03
10) Naphthalene-d8	15.85	136	2020637	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	1150006	20.00	ug/l	-0.03
30) Phenanthrene-d10	25.59	188	1682124	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	1101301	20.00	ug/l	-0.04
45) Perylene-d12	37.87	264	696703	20.00	ug/l	-0.05
System Monitoring Compounds						
28) TCMX	23.28	209	42052	7.30	ug/L	-0.05
Spiked Amount 10.000			Recovery = 73.00%			
38) 2,4-DDD	0.00	235	0	0.00	ug/mL	
Spiked Amount 5.000			Recovery = 0.00%			
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	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	15.90	128	392	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	22.63	149	752	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.		

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

Quantitation Report (QT Reviewed)

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Acq On : 23 Apr 2002 10:14 pm Operator:
Sample : gc/ms scan 4/15 fb Inst : 209
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Response via : Initial Calibration
DataAcq Meth : GCMS0412

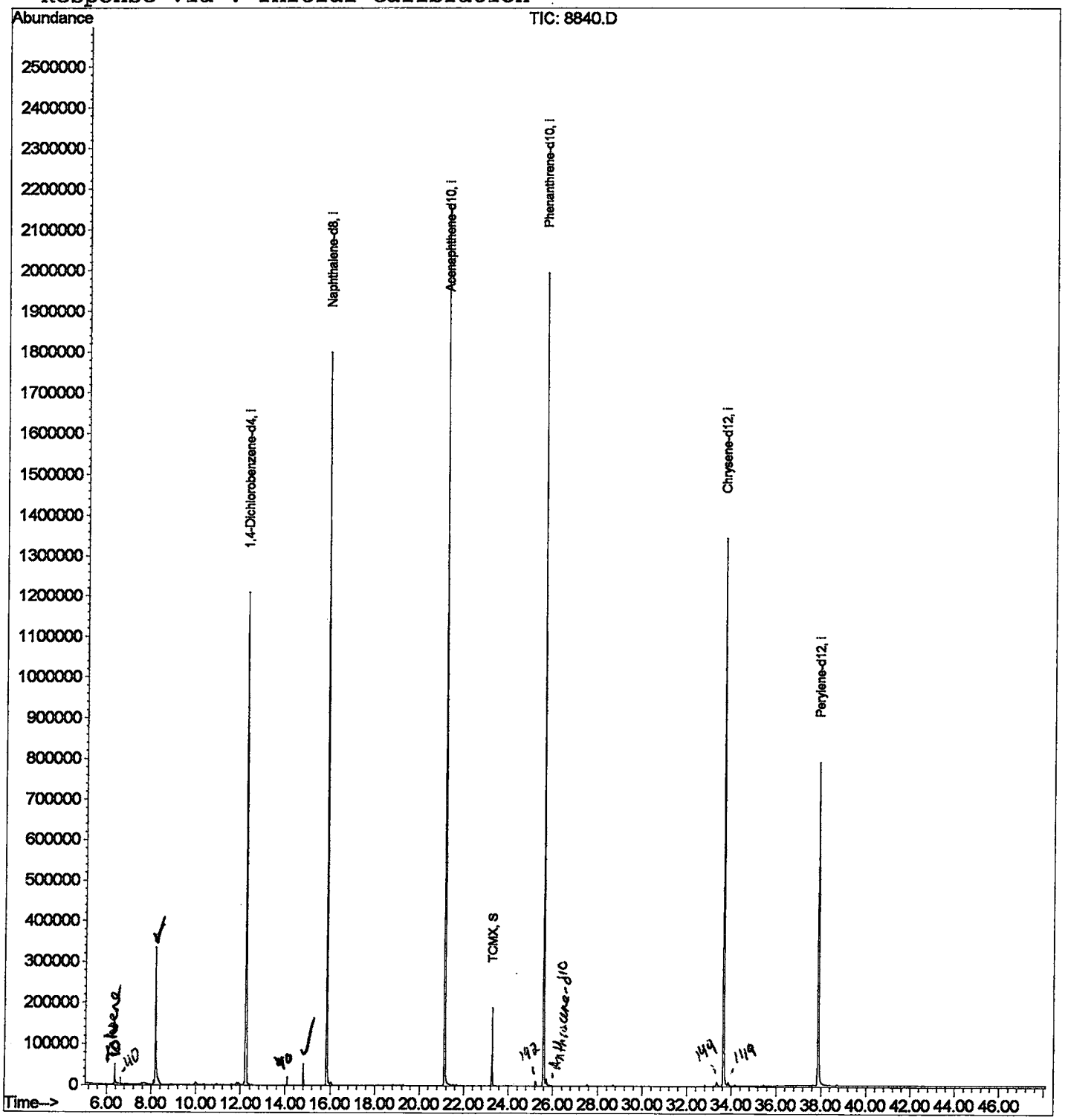
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	Hexachlorobenzene	0.00	284	0	N.D.	
34)	Phenanthrene	25.58	178	508	N.D.	
35)	Anthracene	25.58	178	508	N.D.	
36)	Di-n-butylphthalate	27.55	149	4973	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
40)	Pyrene	0.00	202	0	N.D.	
41)	Butylbenzylphthalate	0.00	149	0	N.D.	
42)	Benzo(a)anthracene	33.64	228	2292	N.D.	
43)	Bis(2-ethylhexyl)phthalate	33.86	149	6143	N.D.	
44)	Chrysene	33.64	228	2292	N.D.	
46)	Di-n-Octylphthalate	36.05	149	838	N.D.	
47)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
49)	Benzo(a)pyrene	37.87	252	2774	N.D.	
50)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
51)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
52)	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\APR2302\8840.D Vial: 9
Acq On : 23 Apr 2002 10:14 pm Operator:
Sample : gc/ms scan 4/15 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 24 8:18 2002 Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR2302\8840.D Vial: 9
Acq On : 23 Apr 2002 10:14 pm Operator:
Sample : gc/ms scan 4/15 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0412.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

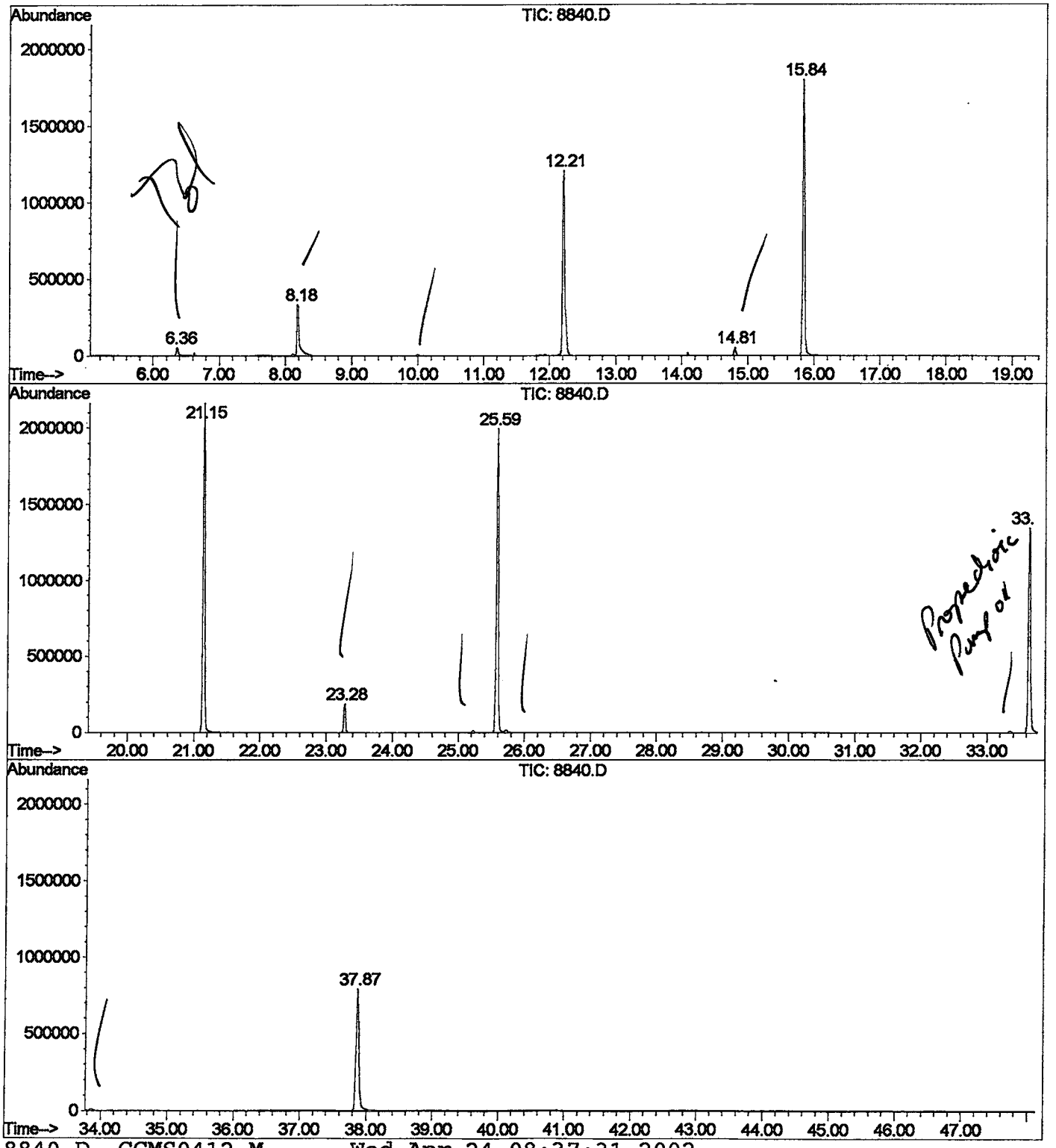
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.365	140	144	150	rBV	50985	101382	2.33%	0.455%
2	8.183	339	342	368	rVB	332975	837169	19.20%	3.760%
3	12.213	775	781	796	rVB	1208603	2977920	68.30%	13.375%
4	14.811	1060	1064	1070	rVB	53427	97232	2.23%	0.437%
5	15.839	1170	1176	1191	rBV	1800275	3811179	87.41%	17.117%
6	21.145	1748	1754	1772	rBV	2165053	4360143	100.00%	19.583%
7	23.284	1980	1987	1993	rBV	189546	363202	8.33%	1.631%
8	25.588	2231	2238	2249	rBV2	1996350	4191836	96.14%	18.827%
9	33.640	3108	3115	3135	rBV2	1345708	3164768	72.58%	14.214%
10	37.872	3568	3576	3593	rBV2	790027	2360651	54.14%	10.602%

Sum of corrected areas: 22265482

8840.D GCMS0412.M Wed Apr 24 08:37:30 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR2302\8840.D
Operator :
Acquired : 23 Apr 2002 10:14 pm using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 4/15 fb
Misc Info :
Vial Number: 9
Quant File :GCMS0412.RES (RTE Integrator)



8840.D GCMS0412.M Wed Apr 24 08:37:31 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2302\8840.D
Acq On : 23 Apr 2002 10:14 pm
Sample : gc/ms scan 4/15 fb
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator:
Inst : 209
Multiplr: 1.00

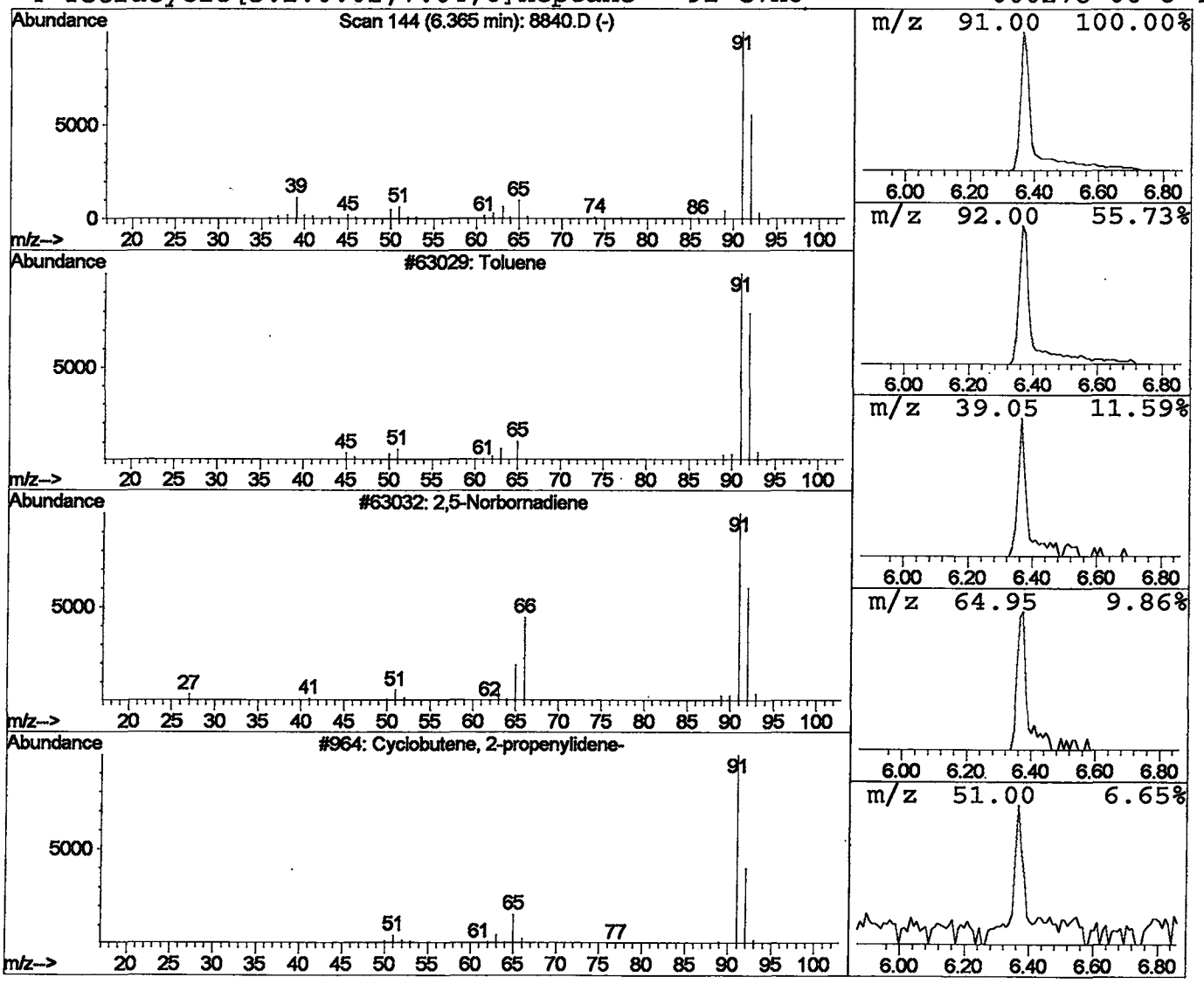
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Toluene — Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	0.68 ug/l	101382	1,4-Dichlorobenzene-d4	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	91
2	2,5-Norbornadiene	92	C7H8	000121-46-0	64
3	Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	59
4	Tetracyclo[3.2.0.02,7.04,6]heptane	92	C7H8	000278-06-8	45



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2302\8840.D
Acq On : 23 Apr 2002 10:14 pm
Sample : gc/ms scan 4/15 fb
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator:
Inst : 209
Multiplr: 1.00

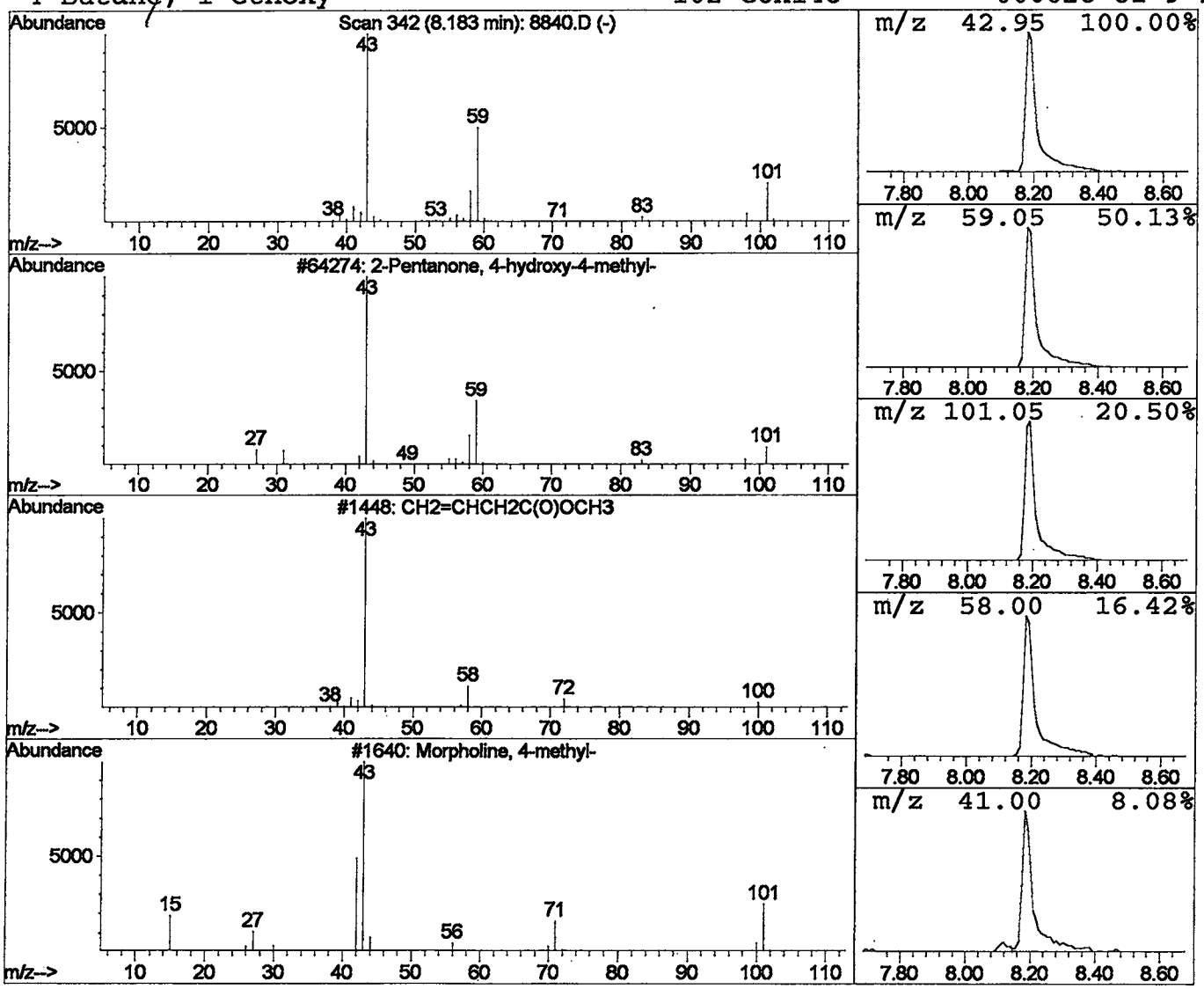
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	5.62 ug/l	837169	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	56
2	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2302\8840.D Vial: 9
Acq On : 23 Apr 2002 10:14 pm Operator:
Sample : gc/ms scan 4/15 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

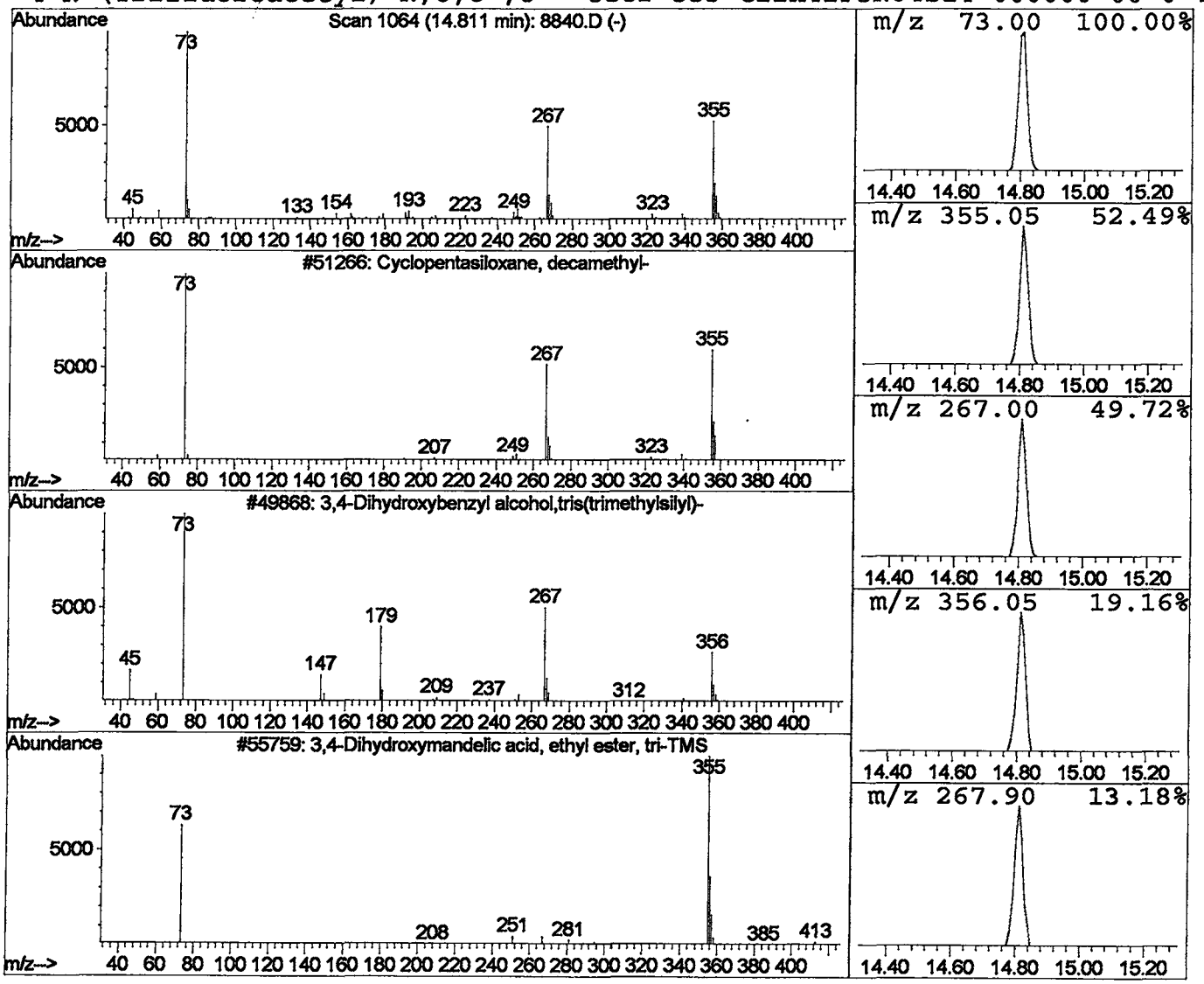
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclopentasiloxane, decamethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	0.51 ug/l	97232	Naphthalene-d8	15.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	90
2	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	64
3	3,4-Dihydroxymandelic acid, ethyl e	428	C19H36O5Si3	000000-00-0	50
4	N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	47



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 23 Apr 2002 10:14 pm
Data File: C:\HPCHEM\1\DATA\APR2302\8840.D
Name: gc/ms scan 4/15 fb
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0412.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	6.36	0.7	ug/l	101382	ISTD01	12.21	2977920	20.0
~~2-Pentanone, 4-hydro-~~	8.18	5.6	ug/l	837169	ISTD01	12.21	2977920	20.0
~~Cyclopentasiloxane~~,	14.81	0.5	ug/l	97232	ISTD02	15.85	3811180	20.0

8840.D GCMS0412.M Wed Apr 24 08:37:35 2002