User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/26/2002 Time: 11:14:41

Sample: AE08755
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/26/02 11:14 Ended: 4/26/02 11:14 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		88		10.0

Comments for Sample AE08755 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-26-2002 Time: 11:15:06

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\APR2202\8755.D Vial: 11
Acq On : 22 Apr 2002 6:58 pm Operator:
Sample : gc/ms scan 4/11 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 23 7:58 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	499678	20.00	ug/l	-0.03
10) Naphthalene-d8	15.84	136	1813759	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	1023008	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.58	188	1476875	20.00	ug/l	-0.03
39) Chrysene-d12	33.63	240	932225	20.00	ug/l	-0.04
45) Perylene-d12	37.87	264	609422	20.00	ug/l	-0.05
System Monitoring Compounds						
28) TCMX	23.28	209	45259	8.83	ug/L	-0.05
Spiked Amount 10.000			Recovery = 88.30%			
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	182	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	424	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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DataAcq Meth : GCMS0412

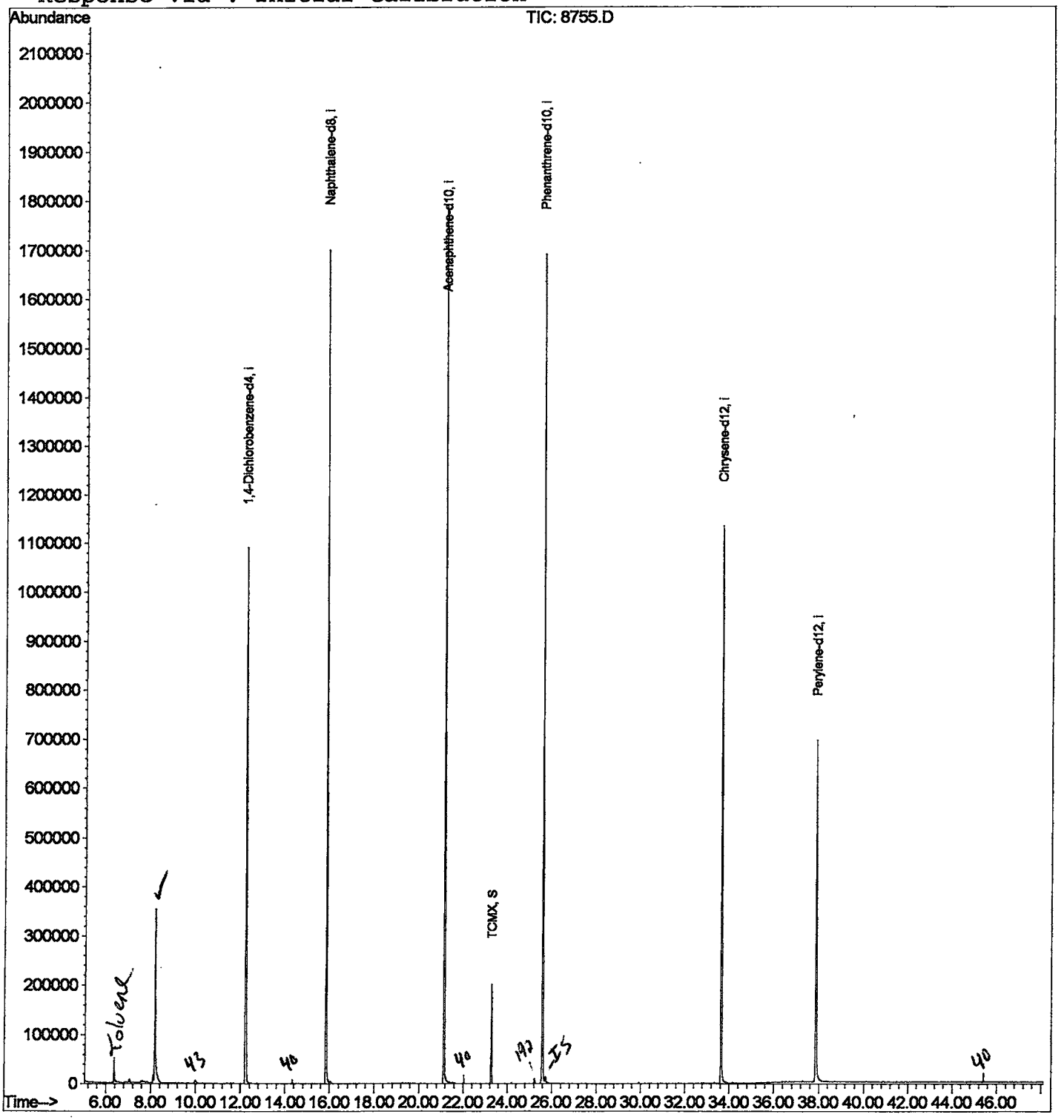
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	Hexachlorobenzene	0.00	284	0	N.D.	
34)	Phenanthrene	25.58	178	370	N.D.	
35)	Anthracene	25.58	178	370	N.D.	
36)	Di-n-butylphthalate	27.55	149	1590	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
40)	Pyrene	0.00	202	0	N.D.	
41)	Butylbenzylphthalate	0.00	149	0	N.D.	
42)	Benzo(a)anthracene	33.63	228	1995	N.D.	
43)	Bis(2-ethylhexyl)phthalate	33.86	149	799	N.D.	
44)	Chrysene	33.63	228	1995	N.D.	
46)	Di-n-Octylphthalate	0.00	149	0	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	37.86	252	2215	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\APR2202\8755.D Vial: 11
Acq On : 22 Apr 2002 6:58 pm Operator:
Sample : gc/ms scan 4/11 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 23 7:58 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\APR2202\8755.D Vial: 11
Acq On : 22 Apr 2002 6:58 pm Operator:
Sample : gc/ms scan 4/11 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

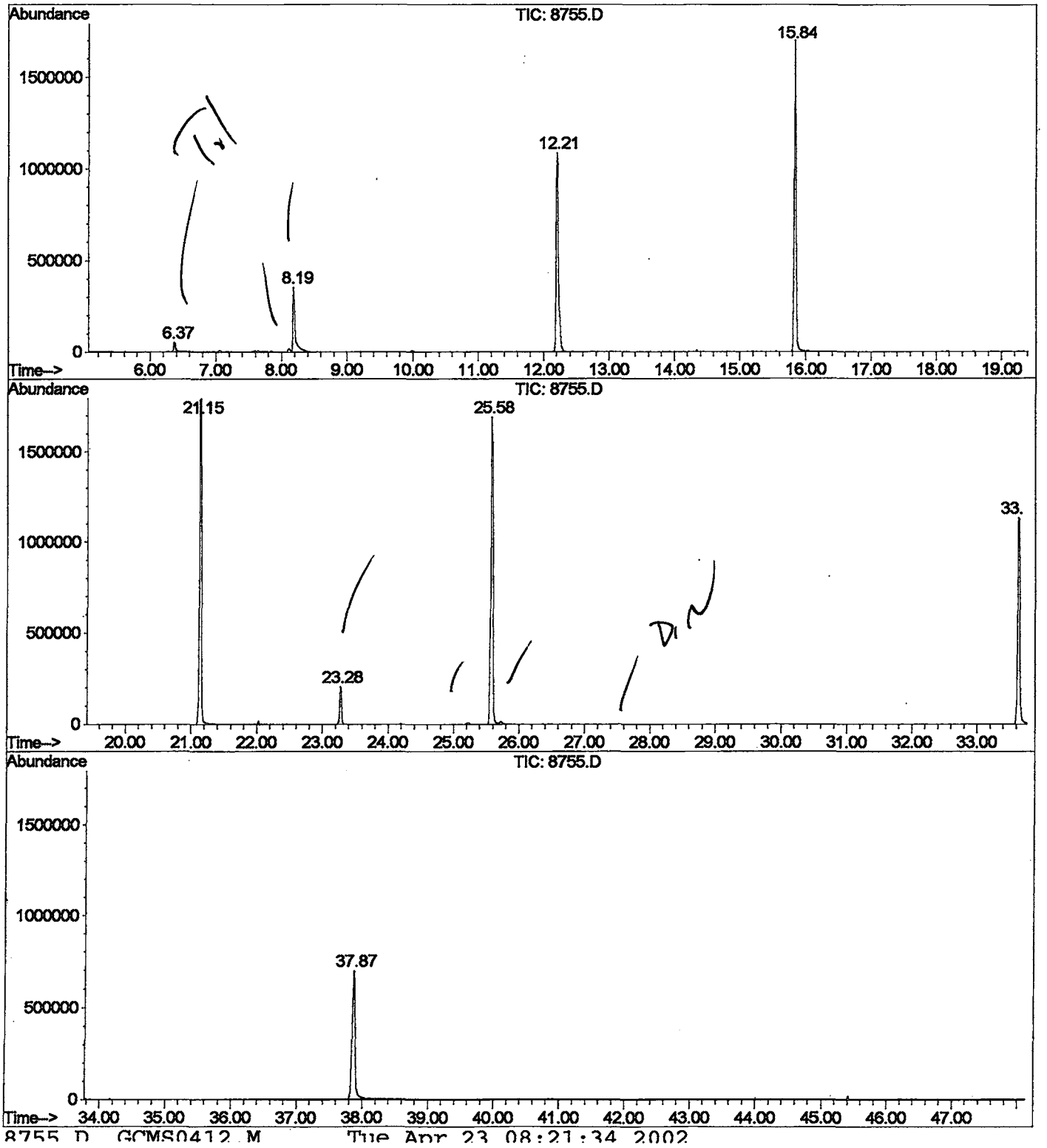
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.369	140	144	151	rBV	51968	104025	2.71%	0.531%
2	8.186	338	342	374	rVB	353505	840528	21.90%	4.287%
3	12.207	775	780	797	rBV	1089586	2652073	69.08%	13.525%
4	15.843	1170	1176	1193	rBV	1701169	3399771	88.56%	17.338%
5	21.149	1747	1754	1776	rBV	1794196	3838876	100.00%	19.578%
6	23.279	1976	1986	1993	rBV	203067	397930	10.37%	2.029%
7	25.583	2231	2237	2248	rBV2	1691523	3664440	95.46%	18.688%
8	33.634	3108	3114	3136	rBV2	1135767	2664663	69.41%	13.590%
9	37.866	3567	3575	3595	rBV2	693271	2045922	53.29%	10.434%

Sum of corrected areas: 19608228

8755.D GCMS0412.M Tue Apr 23 08:21:33 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR2202\8755.D
Operator :
Acquired : 22 Apr 2002 6:58 pm using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 4/11
Misc Info :
Vial Number: 11
Quant File :GCMS0412.RES (RTE Integrator)



8755 D GCMS0412 M Tue Apr 23 08:21:34 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2202\8755.D Vial: 11
Acq On : 22 Apr 2002 6:58 pm Operator:
Sample : gc/ms scan 4/11 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

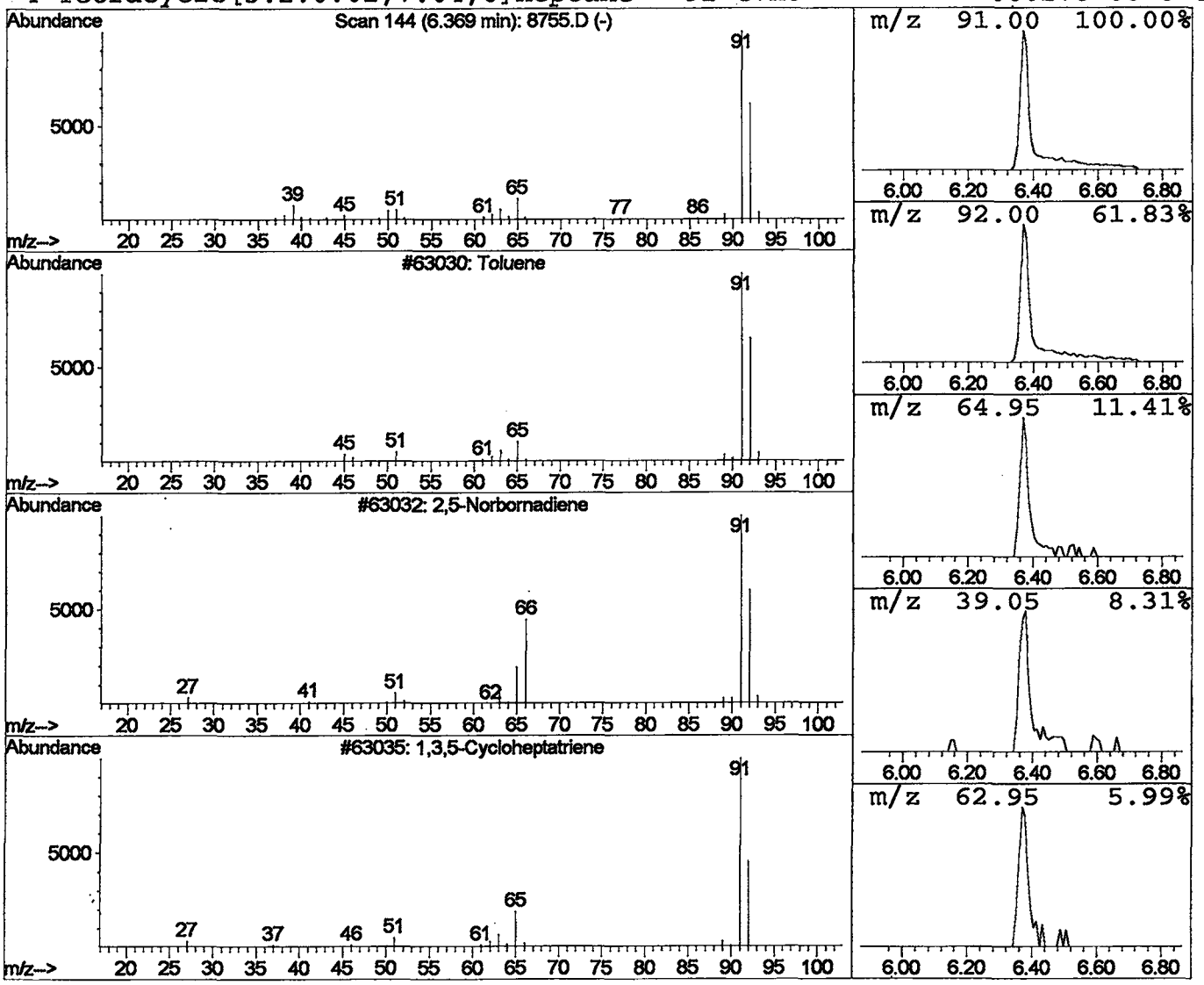
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Toluene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	0.78 ug/l	104025	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	50
3	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	47
4	Tetracyclo[3.2.0.02,7.04,6]heptane	92	C7H8	000278-06-8	47



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2202\8755.D Vial: 11
Acq On : 22 Apr 2002 6:58 pm Operator:
Sample : gc/ms scan 4/11 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

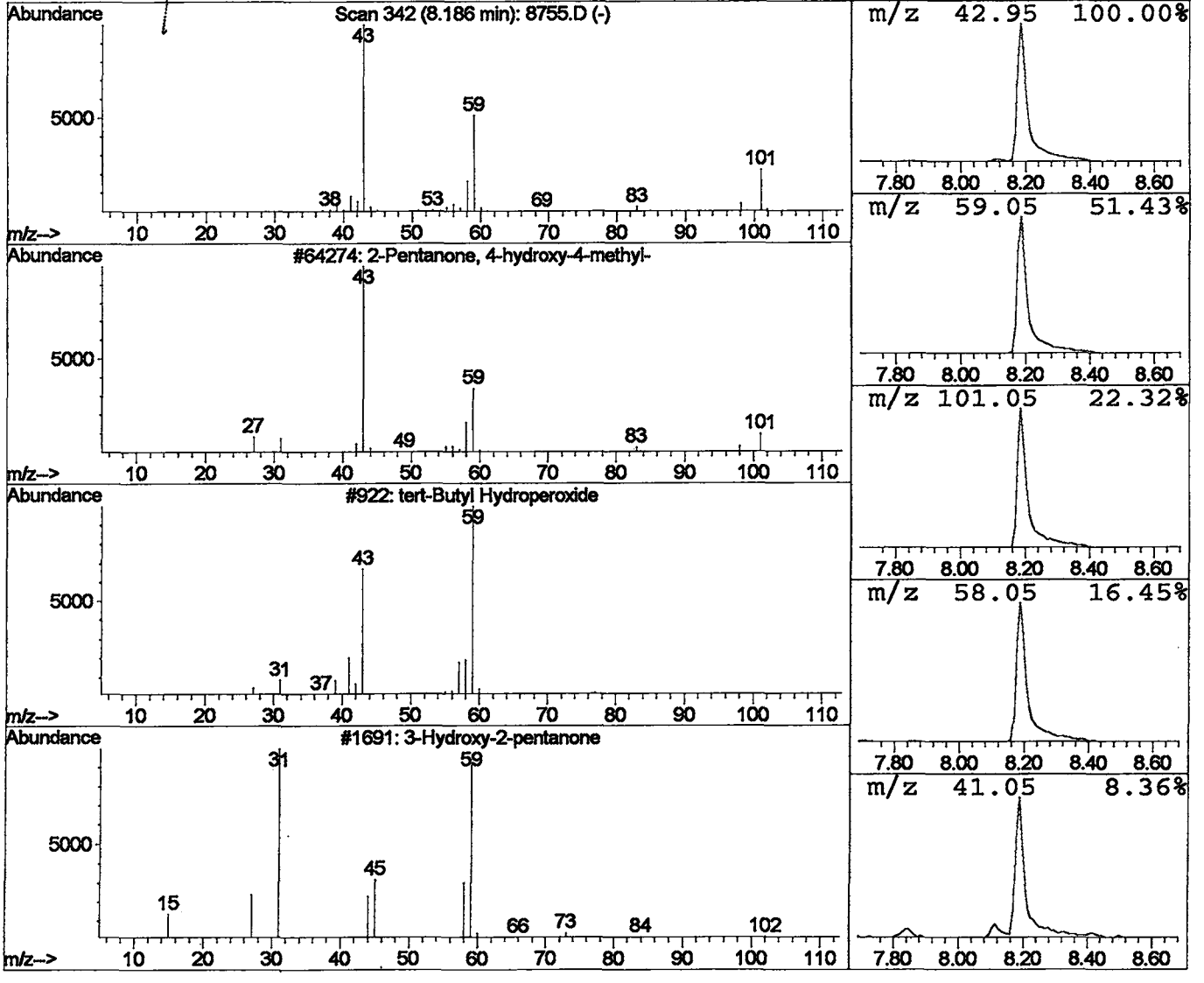
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	6.34 ug/l	840528	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	40
2	tert-Butyl Hydroperoxide	90	C4H10O2	000075-91-2	37
3	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
4	Acetone	58	C3H6O	000067-64-1	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 22 Apr 2002 6:58 pm
Data File: C:\HPCHEM\1\DATA\APR2202\8755.D
Name: gc/ms scan 4/11
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	6.37	0.8	ug/l	104025	ISTD01	12.21	2652070	20.0
2-Pentanone, 4-hydro	8.19	6.3	ug/l	840528	ISTD01	12.21	2652070	20.0

8755.D GCMS0412.M Tue Apr 23 08:21:36 2002