User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/26/2002 Time: 11:17:50

Sample: AE08758
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/26/02 11:17 Ended: 4/26/02 11:17 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		94		10.0

Comments for Sample AE08758 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-26-2002 Time: 11:18:15

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\8758.D Vial: 14
Acq On : 22 Apr 2002 9:54 pm Operator:
Sample : gc/ms scan 4/11 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 23 8:05 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	450187	20.00	ug/l	-0.03
10) Naphthalene-d8	15.84	136	1633950	20.00	ug/l	-0.04
17) Acenaphthene-d10	21.15	164	931326	20.00	ug/l	-0.03
30) Phenanthrene-d10	25.59	188	1381304	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	822696	20.00	ug/l	-0.04
45) Perylene-d12	37.87	264	558188	20.00	ug/l	-0.05
System Monitoring Compounds						
28) TCMX	23.28	209	43699	9.36	ug/L	-0.05
Spiked Amount 10.000			Recovery = 93.60%			
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	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.		
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	205	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)

Data File : C:\HPCHEM\1\DATA\APR2202\8758.D Vial: 14
Acq On : 22 Apr 2002 9:54 pm Operator:
Sample : gc/ms scan 4/11 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 23 8:05 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

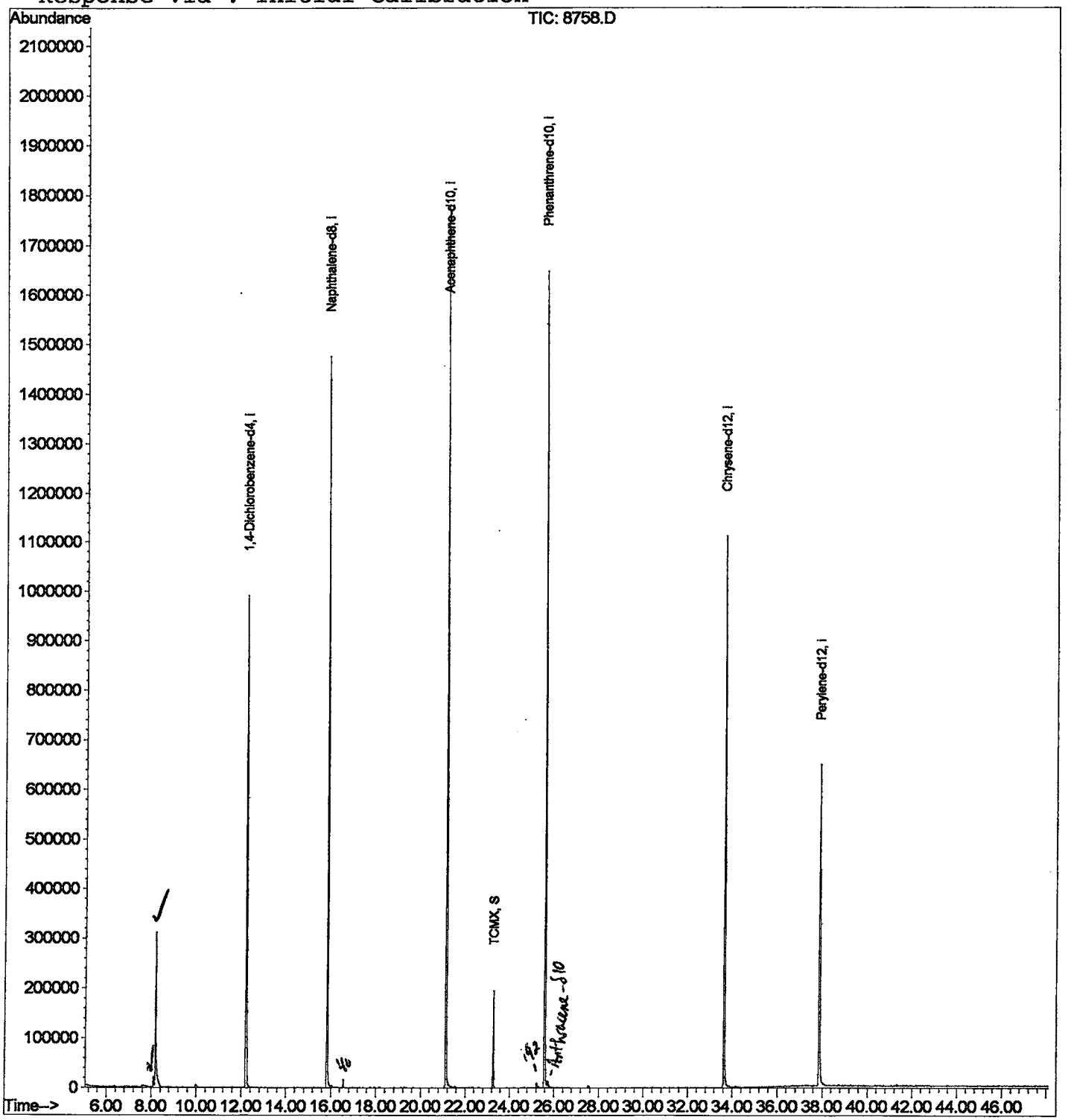
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.59	178	451	N.D.	
35) Anthracene	25.59	178	451	N.D.	
36) Di-n-butylphthalate	27.55	149	5955	N.D.	
37) Fluoranthene	0.00	202	0	N.D.	
40) Pyrene	0.00	202	0	N.D.	
41) Butylbenzylphthalate	0.00	149	0	N.D.	
42) Benzo(a)anthracene	33.64	228	2040	N.D.	
43) Bis(2-ethylhexyl)phthalate	33.87	149	1925	N.D.	
44) Chrysene	33.64	228	2040	N.D.	
46) Di-n-Octylphthalate	0.00	149	0	N.D.	
47) Benzo(b)fluoranthene	36.76	252	207	N.D.	
48) Benzo(k)fluoranthene	36.76	252	207	N.D.	
49) Benzo(a)pyrene	37.86	252	2367	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\8758.D Vial: 14
Acq On : 22 Apr 2002 9:54 pm Operator:
Sample : gc/ms scan 4/11 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 23 8:05 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\8758.D Vial: 14
Acq On : 22 Apr 2002 9:54 pm Operator:
Sample : gc/ms scan 4/11 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

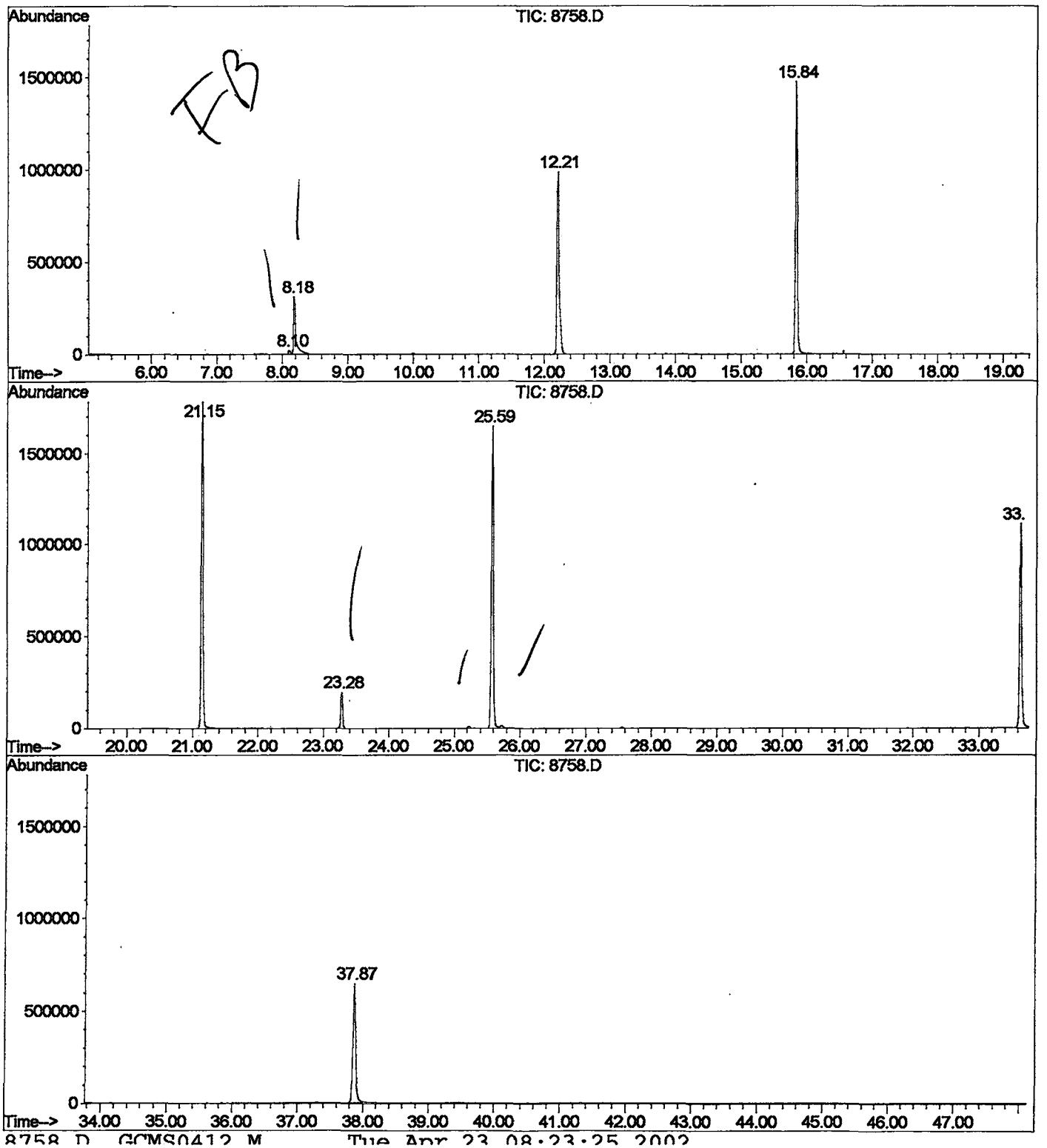
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.100	331	333	339	rBV2	20585	40712	1.15%	0.227%
2	8.183	339	342	369	rVB	310441	761532	21.56%	4.238%
3	12.213	775	781	796	rBV	990877	2413549	68.33%	13.433%
4	15.839	1170	1176	1191	rBV	1475480	3083412	87.30%	17.161%
5	21.145	1748	1754	1764	rBV	1780958	3532063	100.00%	19.658%
6	23.284	1979	1987	1993	rBV	195746	383232	10.85%	2.133%
7	25.588	2231	2238	2249	rBV	1648612	3450987	97.70%	19.207%
8	33.640	3109	3115	3136	rBV2	1112781	2438071	69.03%	13.569%
9	37.872	3567	3576	3589	rBV2	645937	1864118	52.78%	10.375%

Sum of corrected areas: 17967676

8758.D GCMS0412.M Tue Apr 23 08:23:24 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR2202\8758.D
Operator :
Acquired : 22 Apr 2002 9:54 pm using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 4/11 fb
Misc Info :
Vial Number: 14
Quant File :GCMS0412.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2202\8758.D
Acq On : 22 Apr 2002 9:54 pm
Sample : gc/ms scan 4/11 fb
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator:
Inst : 209
Multiplr: 1.00

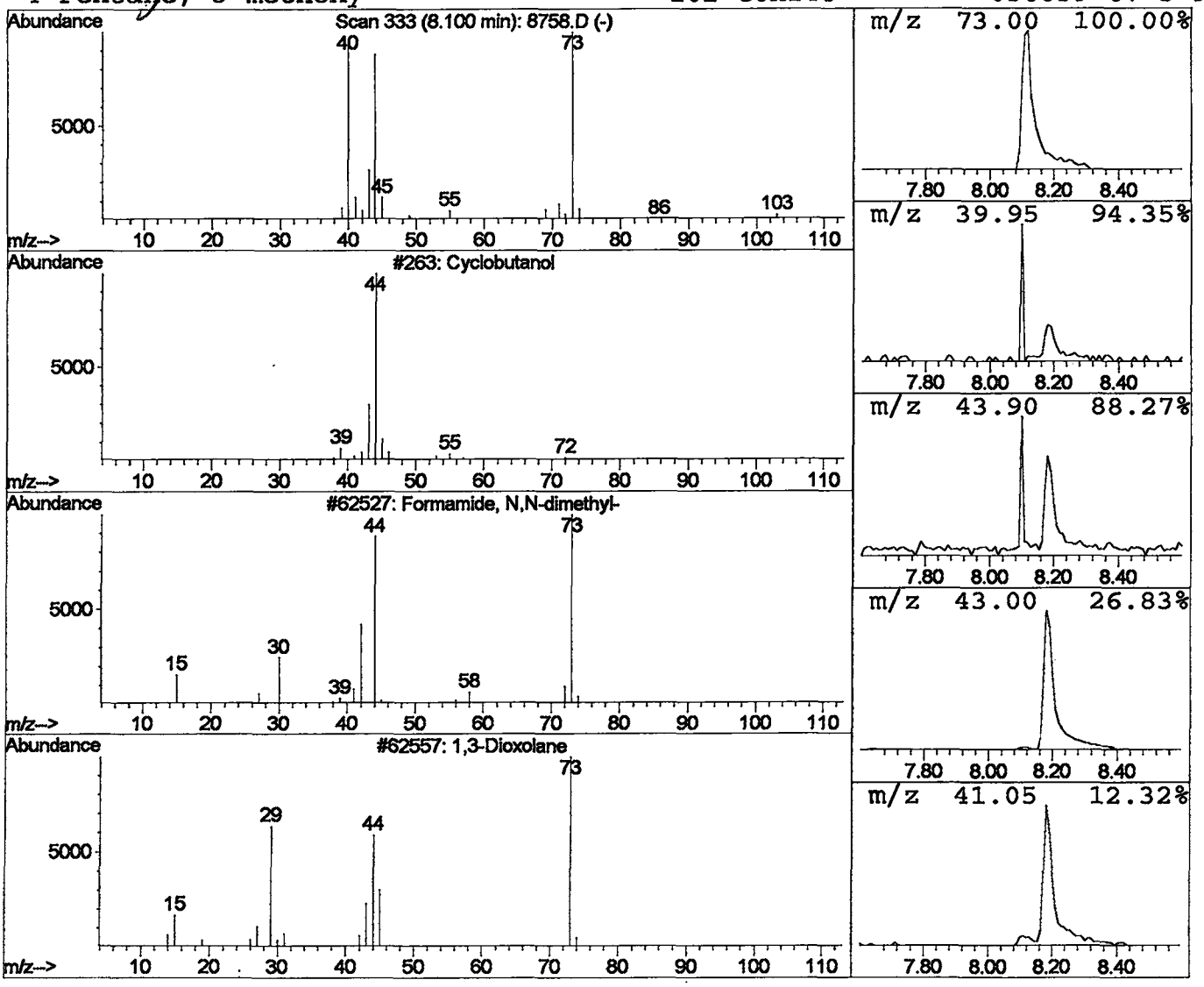
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclobutanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	0.34 ug/l	40712	1,4-Dichlorobenzene-d4	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutanol	72	C4H8O	002919-23-5	53
2	Formamide, N,N-dimethyl-	73	C3H7NO	000068-12-2	38
3	1,3-Dioxolane	74	C3H6O2	000646-06-0	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2202\8758.D
Acq On : 22 Apr 2002 9:54 pm
Sample : gc/ms scan 4/11 fb
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator:
Inst : 209
Multiplr: 1.00

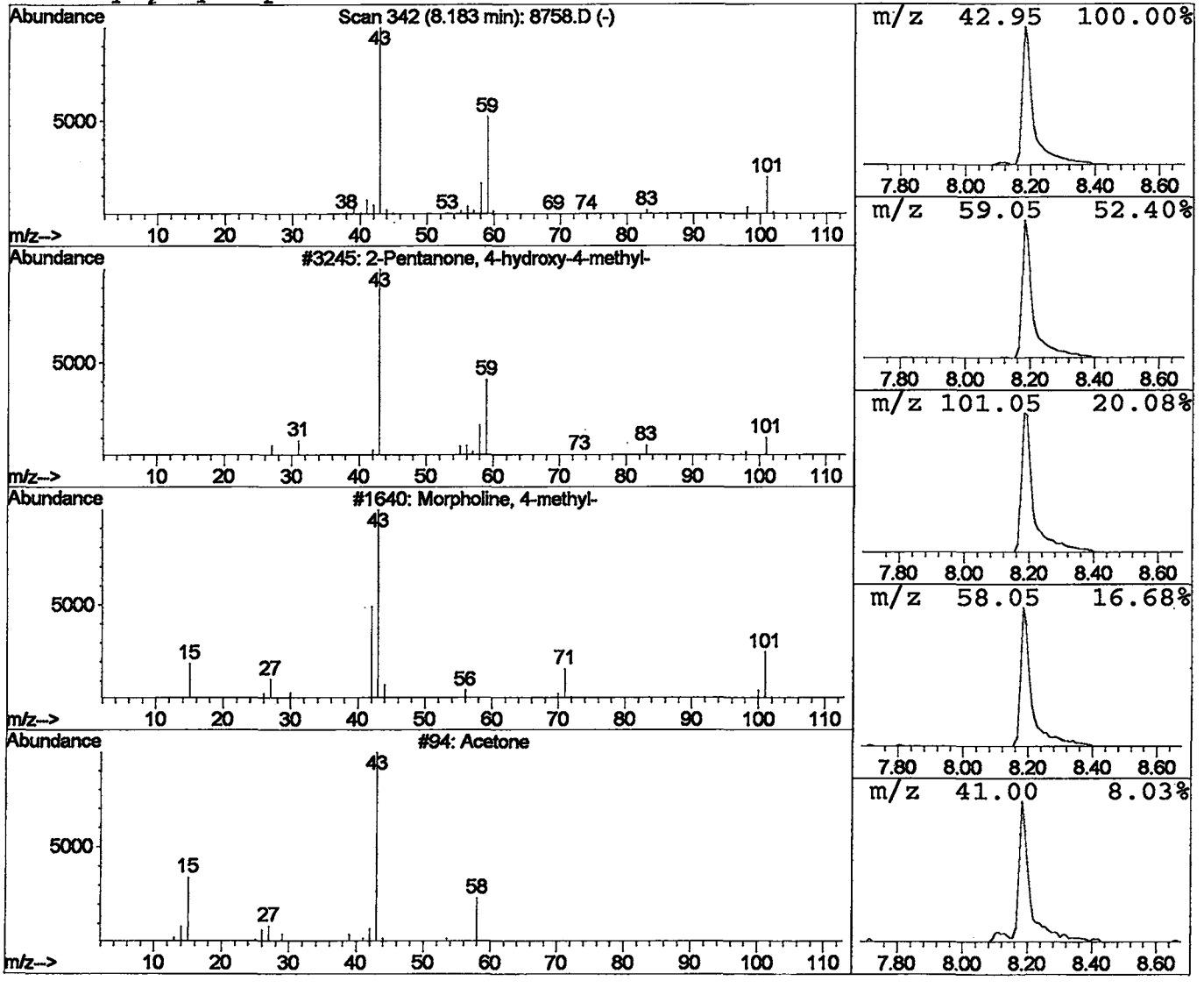
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	6.31 ug/l	761532	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	39
2	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
3	Acetone	58	C3H6O	000067-64-1	9
4	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 22 Apr 2002 9:54 pm
Data File: C:\HPCHEM\1\DATA\APR2202\8758.D
Name: gc/ms scan 4/11 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
Cyclobutanol	8.10	0.3	ug/l	40712	ISTD01	12.21	2413550	20.0
2-Pentanone, 4-hydro	8.18	6.3	ug/l	761532	ISTD01	12.21	2413550	20.0

8758.D GCMS0412.M Tue Apr 23 08:23:27 2002