User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/26/2002 Time: 14:10:56

Sample: AE09100
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/26/02 14:10 Ended: 4/26/02 14:10 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 AE09100 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-26-2002 Time: 14:11:21

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\APR2302\9100.D Vial: 24
Acq On : 24 Apr 2002 1:44 pm Operator:
Sample : gc/ms scan 4/17 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 24 15:18 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	449991	20.00	ug/l	-0.03
10) Naphthalene-d8	15.85	136	1630817	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	918960	20.00	ug/l	-0.03
30) Phenanthrene-d10	25.59	188	1324368	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	829788	20.00	ug/l	-0.04
45) Perylene-d12	37.87	264	494337	20.00	ug/l	-0.05
System Monitoring Compounds						
28) TCMX	23.28	209	43394	9.42	ug/L	-0.05
Spiked Amount 10.000			Recovery = 94.20%			
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	22.64	149	232	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

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Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

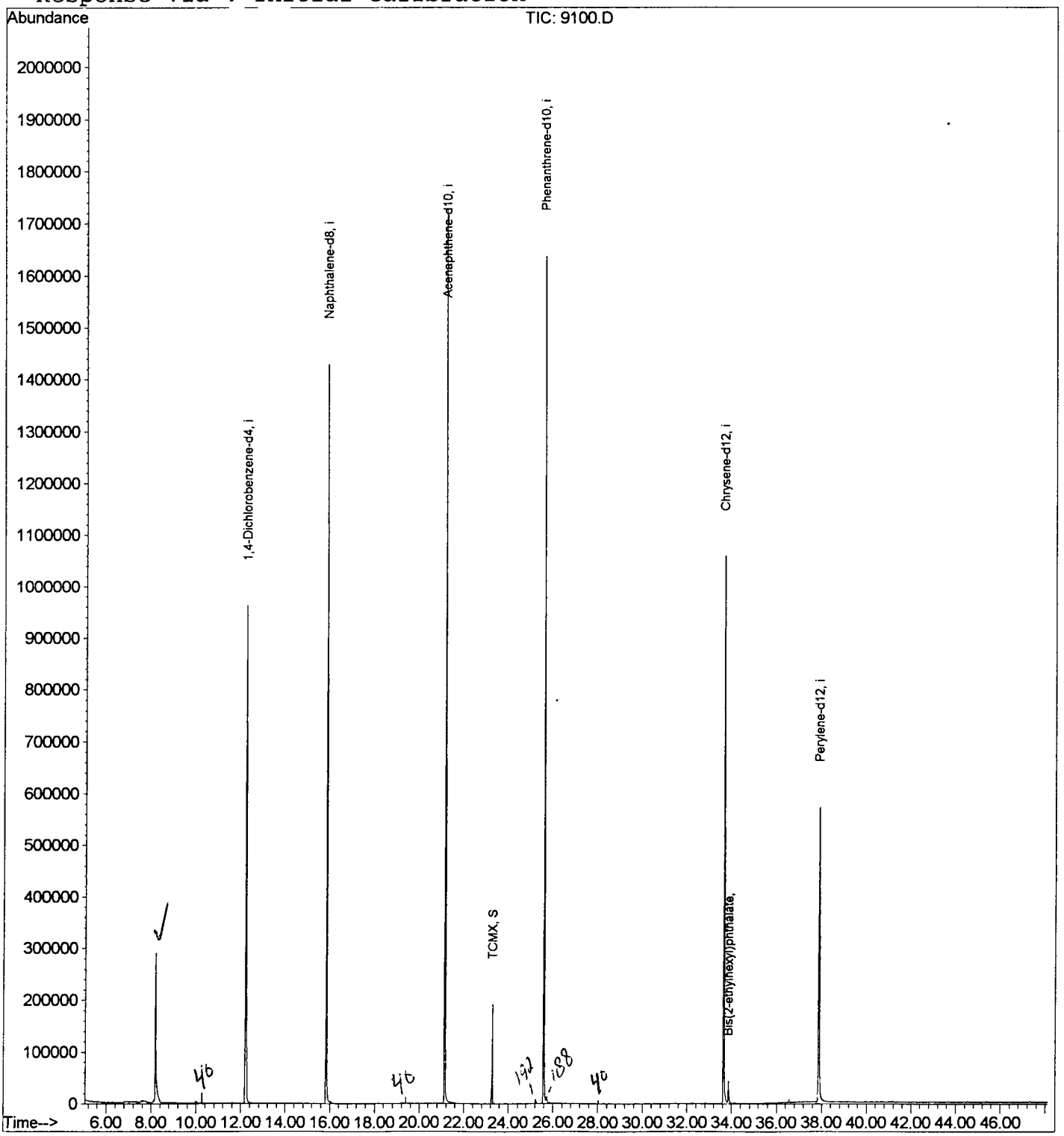
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.59	178	218	N.D.	
35) Anthracene	25.59	178	218	N.D.	
36) Di-n-butylphthalate	27.56	149	856	N.D.	
37) Fluoranthene	0.00	202	0	N.D.	
40) Pyrene	0.00	202	0	N.D.	
41) Butylbenzylphthalate	0.00	149	0	N.D.	
42) Benzo(a)anthracene	33.64	228	1882	N.D.	
43) Bis(2-ethylhexyl)phthalate	33.86	149	30132	1.44 ug/l	97
44) Chrysene	33.64	228	1882	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	37.87	252	1786	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\9100.D Vial: 24
Acq On : 24 Apr 2002 1:44 pm Operator:
Sample : gc/ms scan 4/17 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 24 15:18 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\9100.D Vial: 24
Acq On : 24 Apr 2002 1:44 pm Operator:
Sample : gc/ms scan 4/17 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

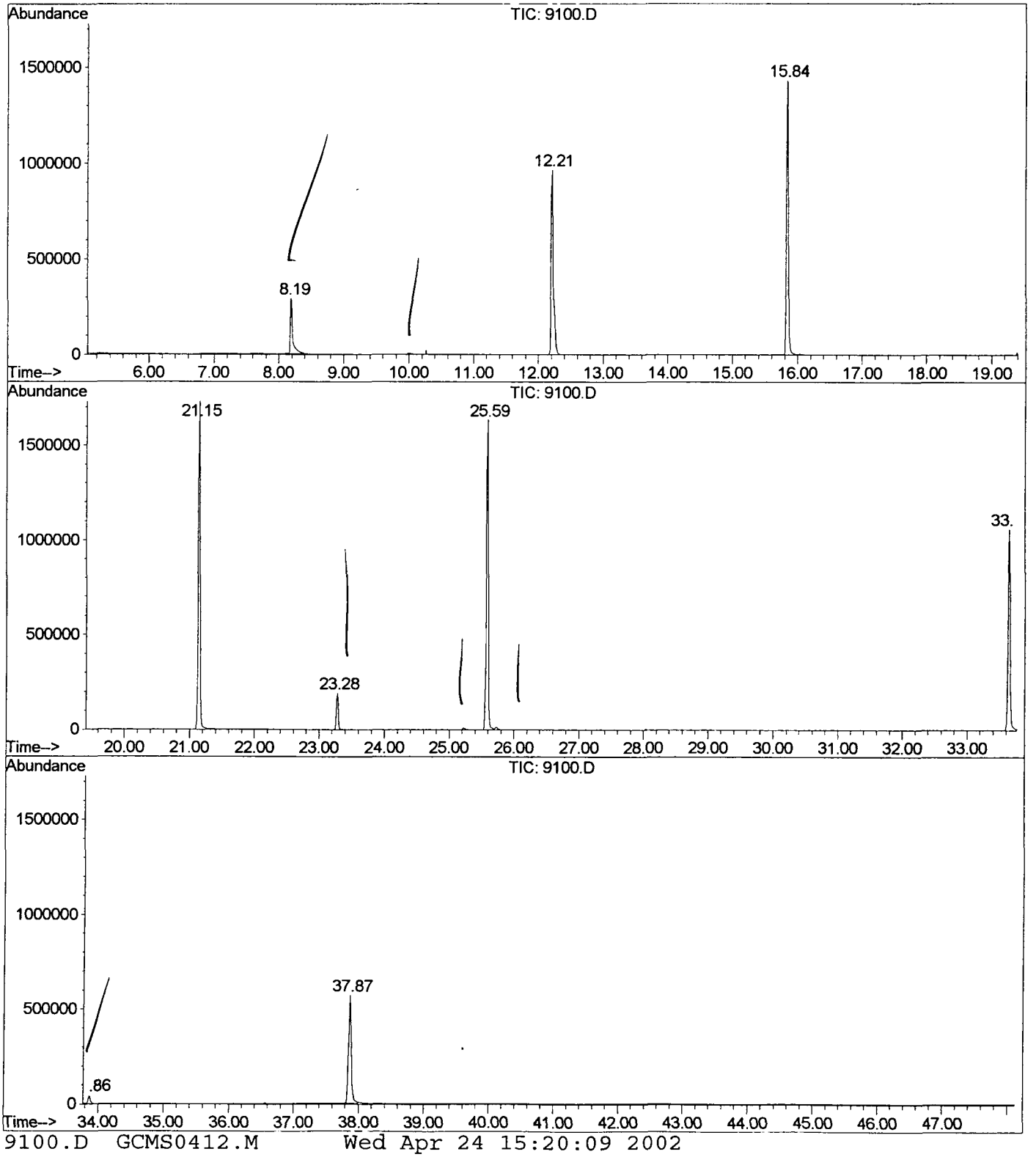
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.192	339	343	369	rVB	289190	745641	21.36%	4.232%
2	12.213	775	781	798	rBV	963373	2411886	69.09%	13.689%
3	15.839	1170	1176	1195	rBV	1429669	3080414	88.24%	17.483%
4	21.145	1748	1754	1768	rBV	1730632	3490972	100.00%	19.813%
5	23.284	1980	1987	1995	rBV	192434	381475	10.93%	2.165%
6	25.588	2231	2238	2250	rBV	1637753	3359267	96.23%	19.066%
7	33.639	3108	3115	3134	rBV2	1060496	2381867	68.23%	13.519%
8	33.860	3134	3139	3147	rVB	42656	96842	2.77%	0.550%
9	37.872	3567	3576	3589	rBV2	571788	1670847	47.86%	9.483%

Sum of corrected areas: 17619211

9100.D GCMS0412.M Wed Apr 24 15:20:08 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR2302\9100.D
Operator :
Acquired : 24 Apr 2002 1:44 pm using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 4/17 fb
Misc Info :
Vial Number: 24
Quant File :GCMS0412.RES (RTE Integrator)



9100.D GCMS0412.M Wed Apr 24 15:20:09 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2302\9100.D
Acq On : 24 Apr 2002 1:44 pm
Sample : gc/ms scan 4/17 fb
Misc :
MS Integration Params: LSCINT.P

Vial: 24
Operator:
Inst : 209
Multiplr: 1.00

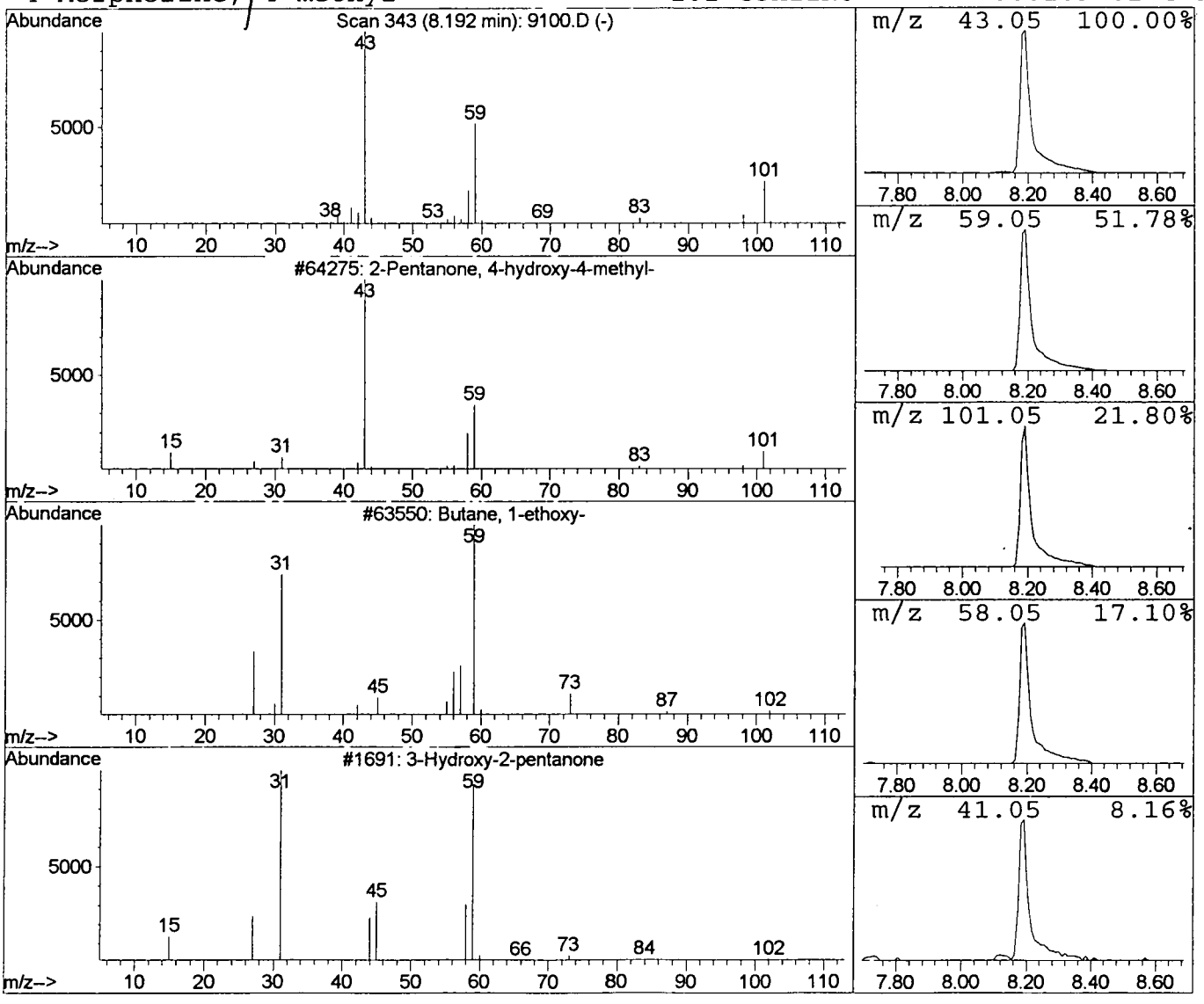
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	6.18 ug/l	745641	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	50
2	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
3	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 24 Apr 2002 1:44 pm
Data File: C:\HPCHEM\1\DATA\APR2302\9100.D
Name: gc/ms scan 4/17 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
2-Pentanone, 4-hydro	8.19	6.2	ug/l	745641	ISTD01	12.21	2411890	20.0

9100.D GCMS0412.M Wed Apr 24 15:20:10 2002