Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2102\11603.D Vial: 32
Acq On : 22 May 2002 9:06 pm Operator:
Sample : EXTRACT5/20 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 24 8:21 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0520

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.15	152	386307	40.00	ug/l	0.00
10) Naphthalene-d8	15.78	136	1513198	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.09	164	731720	40.00	ug/l	0.00
30) Phenanthrene-d10	25.53	188	946172	40.00	ug/l	0.00
38) Chrysene-d12	33.57	240	510271	40.00	ug/l	-0.04
44) Perylene-d12	37.79	264	328173	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.23	209	137368	37.35	ug/L	0.00
Spiked Amount 40.000			Recovery = 93.38%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	0.00	74	0	N.D.		
3) bis(2-Chloroethyl)ether	11.41	93	2785	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-Nitrosodi-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	14.49	82	1428	N.D.		
13) bis(2-Chloroethoxy)methane	15.17	93	779	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	15.83	128	661	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	19.36	162	532	N.D.		
20) Dimethylphthalate	20.44	163	2462	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.	d	
22) Acenaphthylene	20.62	152	459	N.D.		
23) Acenaphthene	21.17	153	768	N.D.		
24) 2,4-Dinitrotoluene	21.83	165	346	N.D.		
25) Diethylphthalate	22.57	149	10347	0.55	ug/l	98
26) 4-Chlorophenylphenylether	22.72	204	760	N.D.		
27) Fluorene	22.70	166	1116	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.	d	
32) 4-Bromophenylphenylether	24.19	248	596	N.D.		
33) Hexachlorobenzene	24.62	284	402	N.D.		
34) Phenanthrene	25.59	178	4860	N.D.		

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

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Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 24 8:21 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0520

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
35)	Anthracene	25.59	178	4859	N.D.		
36)	Di-n-butylphthalate	27.50	149	41042	1.32 ug/l		99
37)	Fluoranthene	29.21	202	7256	0.31 ug/l		97
39)	Pyrene	29.89	202	6428	0.34 ug/l	#	92
40)	Butylbenzylphthalate	0.00	149	0	N.D.		
41)	Benzo(a)anthracene	33.58	228	1589	N.D.		
42)	Bis(2-ethylhexyl)phthalate	33.80	149	1704	N.D.		
43)	Chrysene	33.65	228	685	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	37.79	252	1273	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

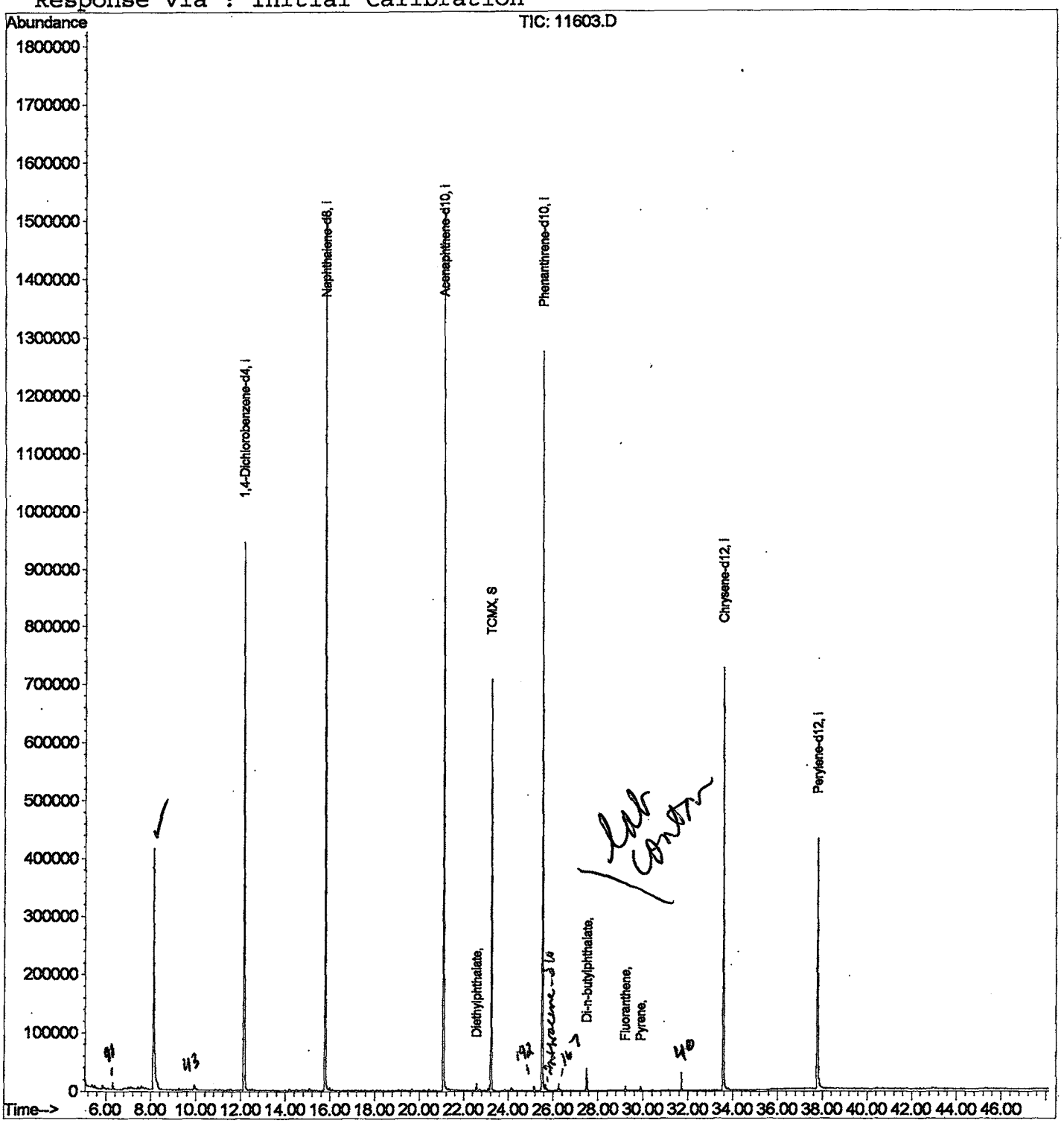
Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY2102\11603.D
Acq On : 22 May 2002 9:06 pm
Sample : EXTRACT5/20
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 24 8:21 2002

Vial: 32
Operator:
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0520.RES

Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY2102\11603.D Vial: 32
Acq On : 22 May 2002 9:06 pm Operator:
Sample : EXTRACT5/20 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0520.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

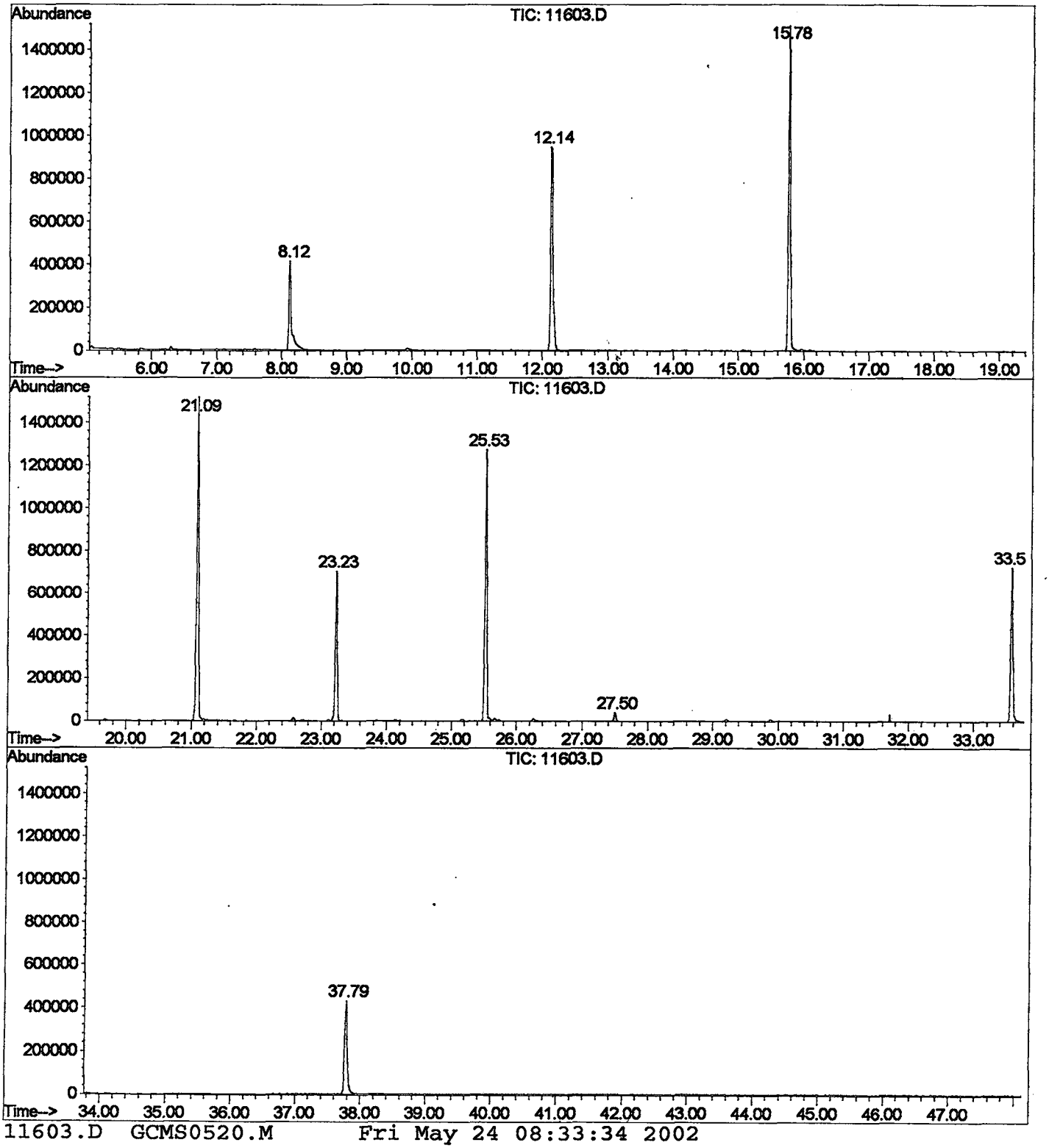
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.124	332	336	367	rVB	413232	1088160	34.86%	6.492%
2	12.137	769	774	792	rBV	945045	2344626	75.11%	13.988%
3	15.775	1165	1171	1185	rBV	1509988	3055892	97.89%	18.232%
4	21.090	1744	1751	1760	rBV	1519587	3121693	100.00%	18.624%
5	23.225	1976	1984	1996	rBV	706256	1472304	47.16%	8.784%
6	25.525	2228	2235	2246	rBV2	1273984	2688932	86.14%	16.042%
7	27.505	2443	2451	2456	rBV	38580	74214	2.38%	0.443%
8	33.571	3107	3113	3132	rBV2	725649	1661852	53.24%	9.915%
9	37.786	3564	3573	3588	rBV2	428642	1253848	40.17%	7.481%

Sum of corrected areas: 16761521

11603.D GCMS0520.M Fri May 24 08:33:33 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY2102\11603.D
Operator :
Acquired : 22 May 2002 9:06 pm using AcqMethod GCMS0520
Instrument : 209
Sample Name: EXTRACT5/20
Misc Info :
Vial Number: 32
Quant File :GCMS0520.RES (RTE Integrator)



11603.D GCMS0520.M Fri May 24 08:33:34 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2102\11603.D Vial: 32
Acq On : 22 May 2002 9:06 pm Operator:
Sample : EXTRACT5/20 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

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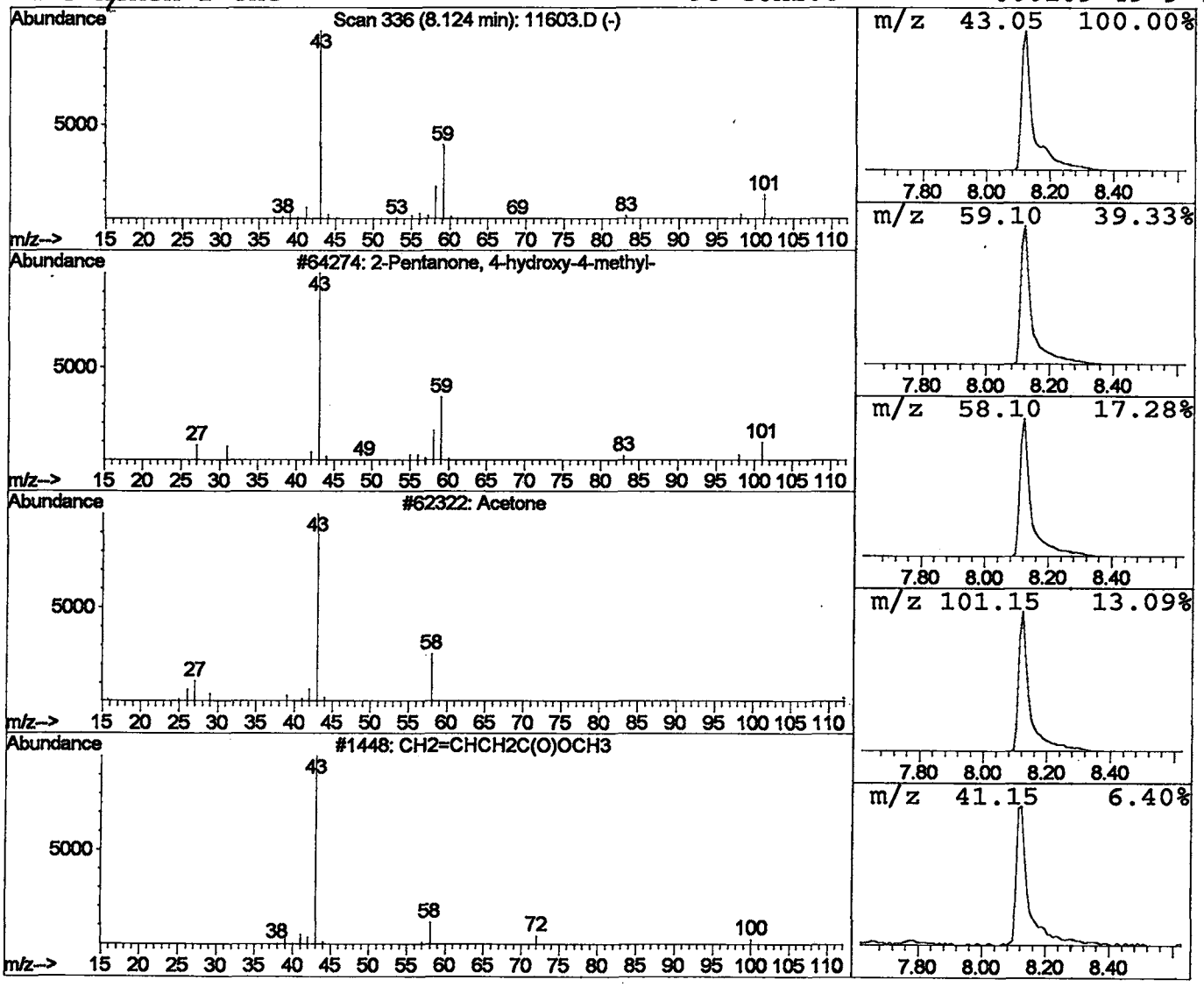
Peak Number 1 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	18.56 ug/l	1088160	1,4-Dichlorobenzene-d4	12.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
2	Acetone	58	C3H6O	000067-64-1	9
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	7



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 22 May 2002 9:06 pm
Data File: C:\HPCHEM\1\DATA\MAY2102\11603.D
Name: EXTRACT5/20
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0520.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~~	8.12	18.6	ug/l	1088160	ISTD01	12.15	2344630	40.0

11603.D GCMS0520.M Fri May 24 08:33:35 2002