Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0302\9155.D Vial: 32
Acq On : 4 May 2002 10:24 pm Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 7 11:50 2002 Quant Results File: GCMS0501.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

Original to be sent

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.19	152	450838	40.00	ug/l	-0.03
10) Naphthalene-d8	15.83	136	1642695	40.00	ug/l	-0.03
17) Acenaphthene-d10	21.13	164	889652	40.00	ug/l	-0.02
30) Phenanthrene-d10	25.58	188	1235079	40.00	ug/l	-0.02
38) Chrysene-d12	33.64	240	823970	40.00	ug/l	-0.03
44) Perylene-d12	37.86	264	551283	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.27	209	20725	4.79	ug/L	-0.03
Spiked Amount 10.000			Recovery = 47.90%			
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	14.53	82	384	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	15.88	128	113	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	1630	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.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.64	178	332	N.D.		

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

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Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

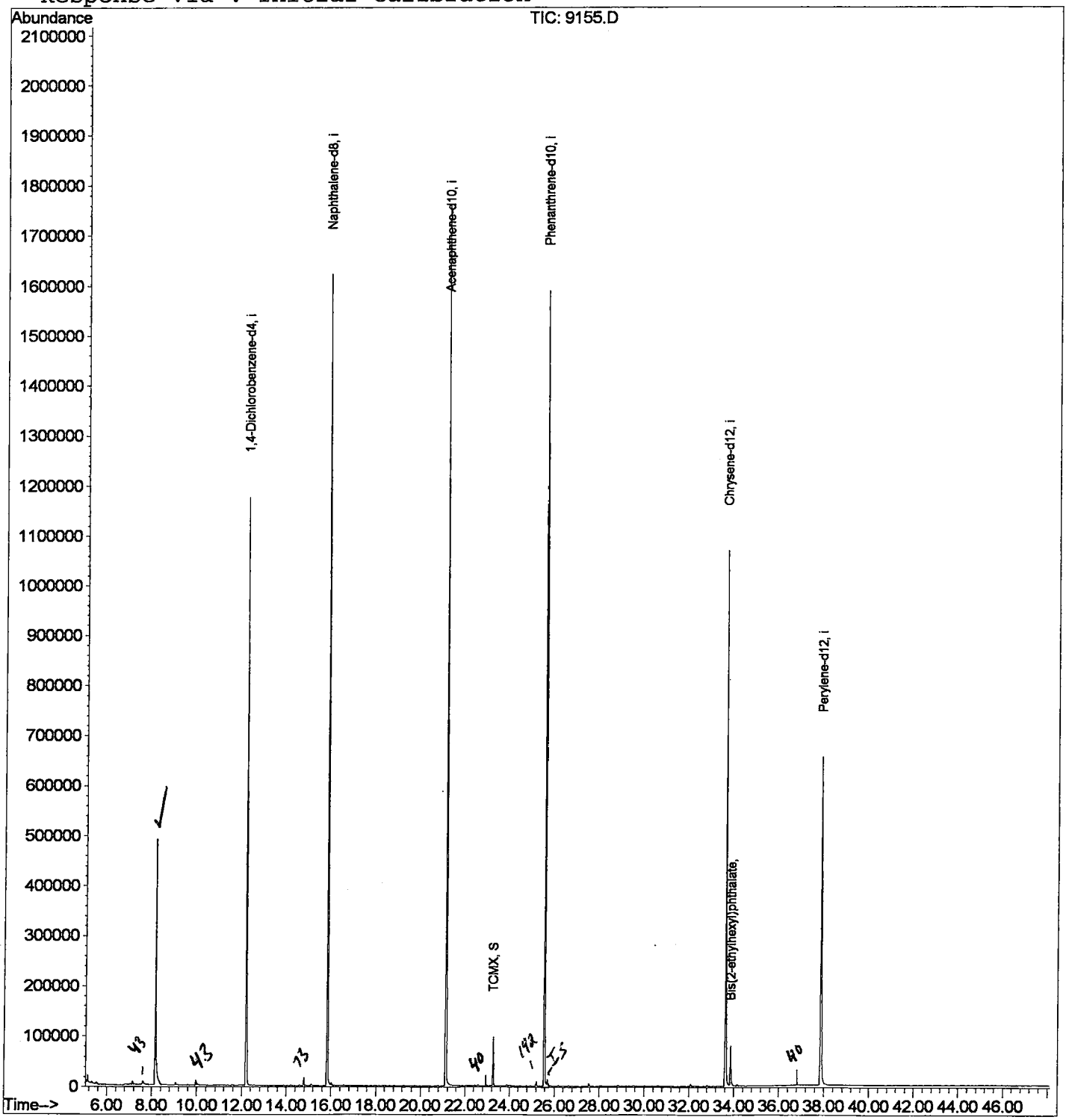
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.64	178	332	N.D.	
36)	Di-n-butylphthalate	27.55	149	6577	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	32.07	149	2353	N.D.	
41)	Benzo(a)anthracene	33.63	228	1992	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.86	149	53649	2.73 ug/l	100
43)	Chrysene	33.71	228	190	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	37.86	252	2169	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
9155.D GCMS0501.M Tue May 07 11:50:54 2002 Page 2

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY0302\9155.D Vial: 32
Acq On : 4 May 2002 10:24 pm Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 7 11:50 2002 Quant Results File: GCMS0501.RES

Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY0302\9155.D Vial: 32
Acq On : 4 May 2002 10:24 pm Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0501.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

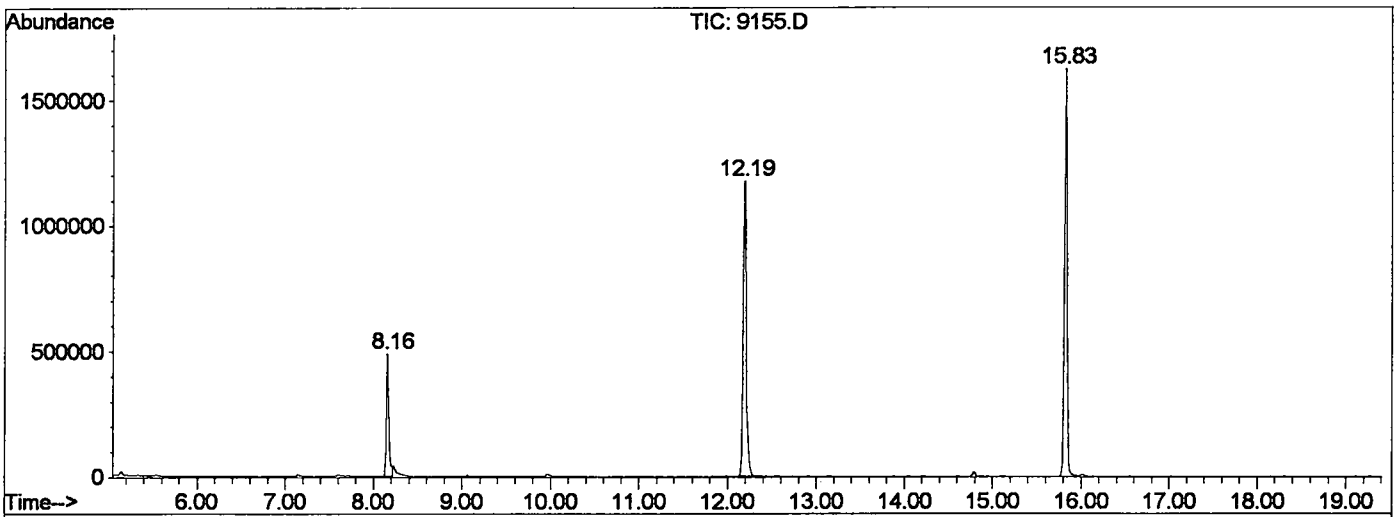
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.156	336	340	346	rBV	488307	943552	25.99%	5.074%
2	12.188	775	780	794	rVB	1174274	2586741	71.24%	13.912%
3	15.826	1170	1177	1193	rBV	1621572	3289277	90.59%	17.690%
4	21.132	1749	1756	1775	rBV	1762128	3630894	100.00%	19.527%
5	23.267	1982	1989	1997	rBV	97233	198710	5.47%	1.069%
6	25.576	2234	2241	2252	rBV2	1588686	3344870	92.12%	17.989%
7	33.640	3113	3121	3133	rBV2	1069157	2471638	68.07%	13.293%
8	33.860	3139	3145	3156	rVB	78667	189494	5.22%	1.019%
9	37.865	3573	3582	3596	rBV2	653078	1938992	53.40%	10.428%

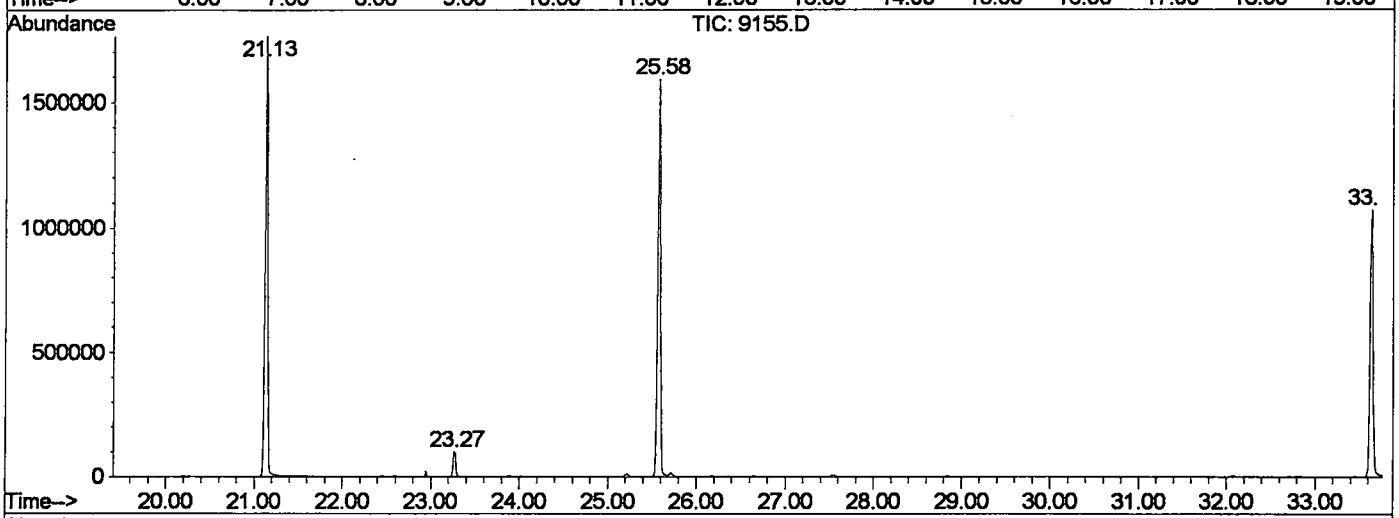
Sum of corrected areas: 18594168

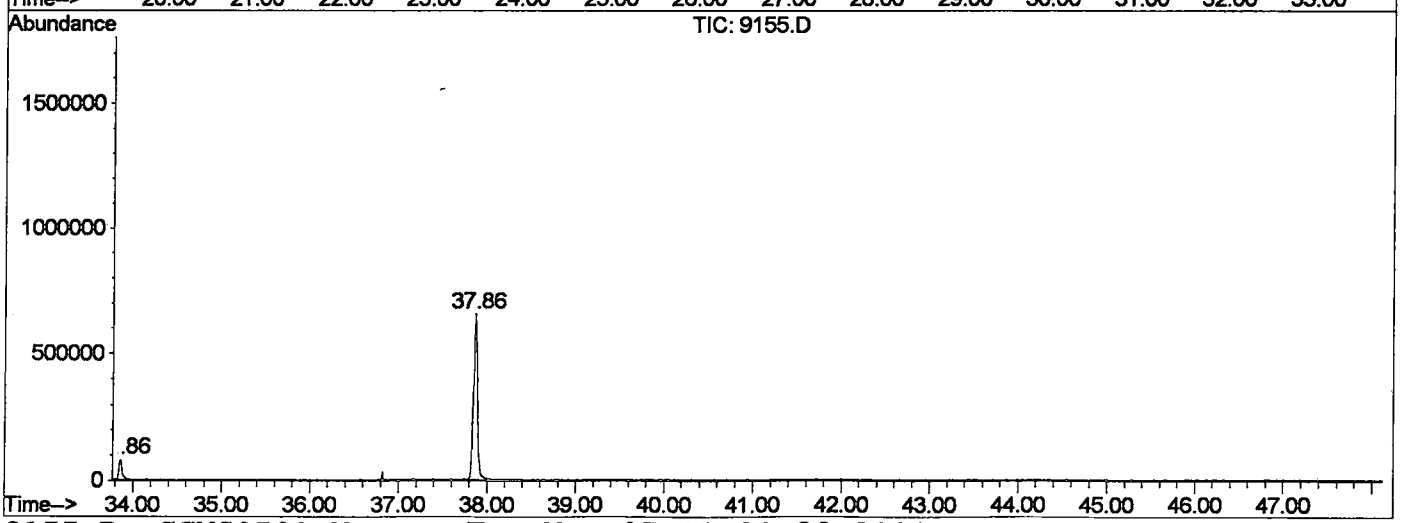
9155.D GCMS0501.M Tue May 07 12:01:27 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0302\9155.D
Operator :
Acquired : 4 May 2002 10:24 pm using AcqMethod GCMS0501
Instrument : 209
Sample Name: RE-EXT.
Misc Info :
Vial Number: 32
Quant File :GCMS0501.RES (RTE Integrator)







9155.D GCMS0501.M Tue May 07 12:01:28 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0302\9155.D Vial: 32
Acq On : 4 May 2002 10:24 pm Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

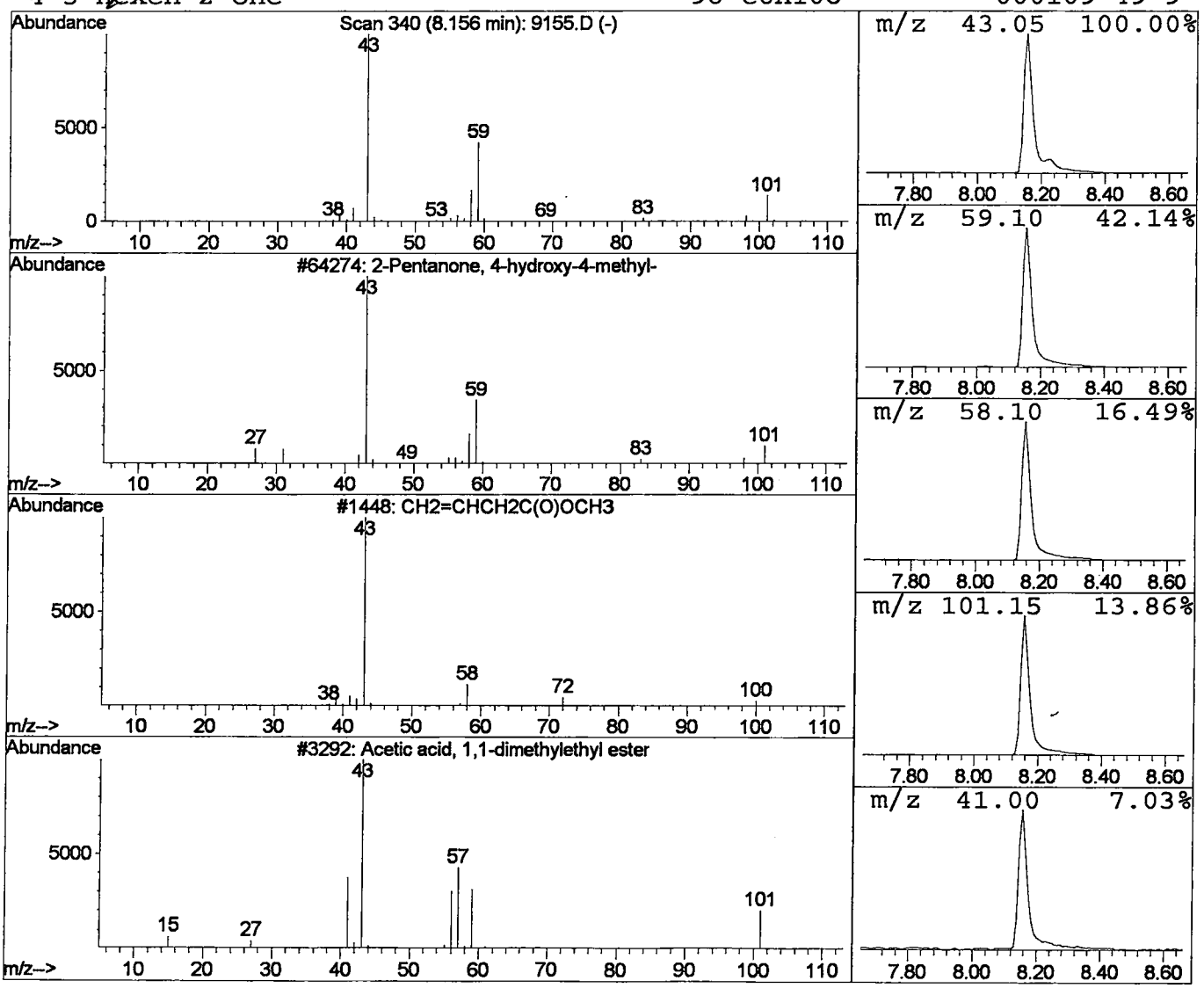
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	14.59 ug/l	943552	1,4-Dichlorobenzene-d4	12.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10
3	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	7



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 4 May 2002 10:24 pm
Data File: C:\HPCHEM\1\DATA\MAY0302\9155.D
Name: RE-EXT.
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0501.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~~	8.16	14.6	ug/l	943552	ISTD01	12.19	2586740	40.0

9155.D GCMS0501.M Tue May 07 12:01:29 2002