Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0302\10062.D Vial: 35
Acq On : 5 May 2002 1:20 am Operator:
Sample : GC/MS SCAN 4/26 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 7 11:53 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.19	152	467327	40.00	ug/l	-0.02
10) Naphthalene-d8	15.82	136	1705404	40.00	ug/l	-0.03
17) Acenaphthene-d10	21.14	164	924025	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.57	188	1287669	40.00	ug/l	-0.02
38) Chrysene-d12	33.64	240	839977	40.00	ug/l	-0.03
44) Perylene-d12	37.86	264	554936	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.27	209	19951	4.44	ug/L	-0.02
Spiked Amount 10.000			Recovery = 44.40%			
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	15.88	128	180	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.	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	22.61	149	787	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	25.57	178	350	N.D.		

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

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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	25.57	178	350	N.D.	
36)	Di-n-butylphthalate	27.54	149	3430	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	32.07	149	435	N.D.	
41)	Benzo(a)anthracene	33.64	228	2009	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.86	149	97696	4.87 ug/l	100
43)	Chrysene	33.64	228	2008	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	37.87	252	2143	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

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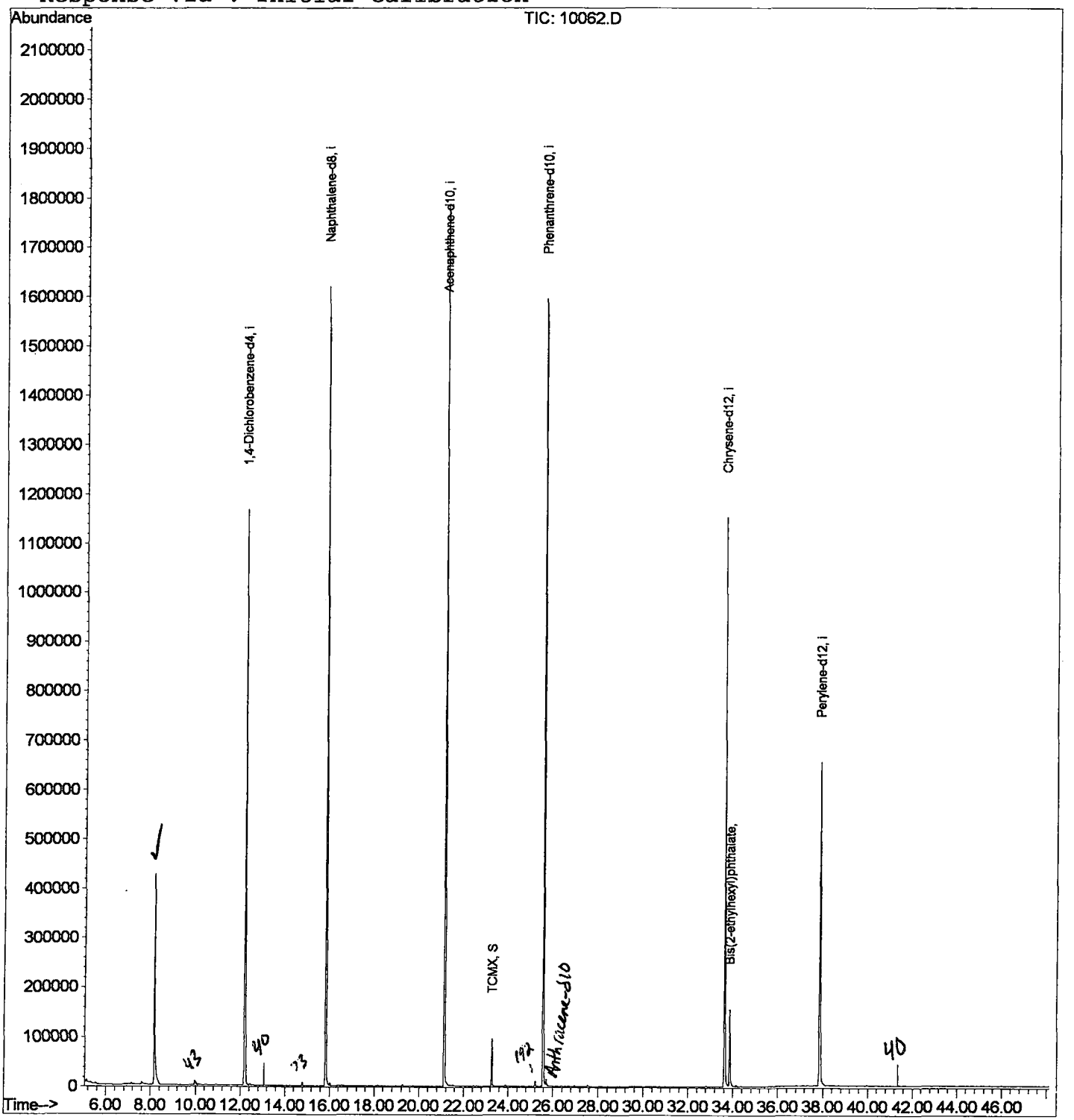
Acq On : 5 May 2002 1:20 am Operator:
Sample : GC/MS SCAN 4/26 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 7 11:53 2002 Quant Results File: GCMS0501.RES

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\10062.D Vial: 35
Acq On : 5 May 2002 1:20 am Operator:
Sample : GC/MS SCAN 4/26 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

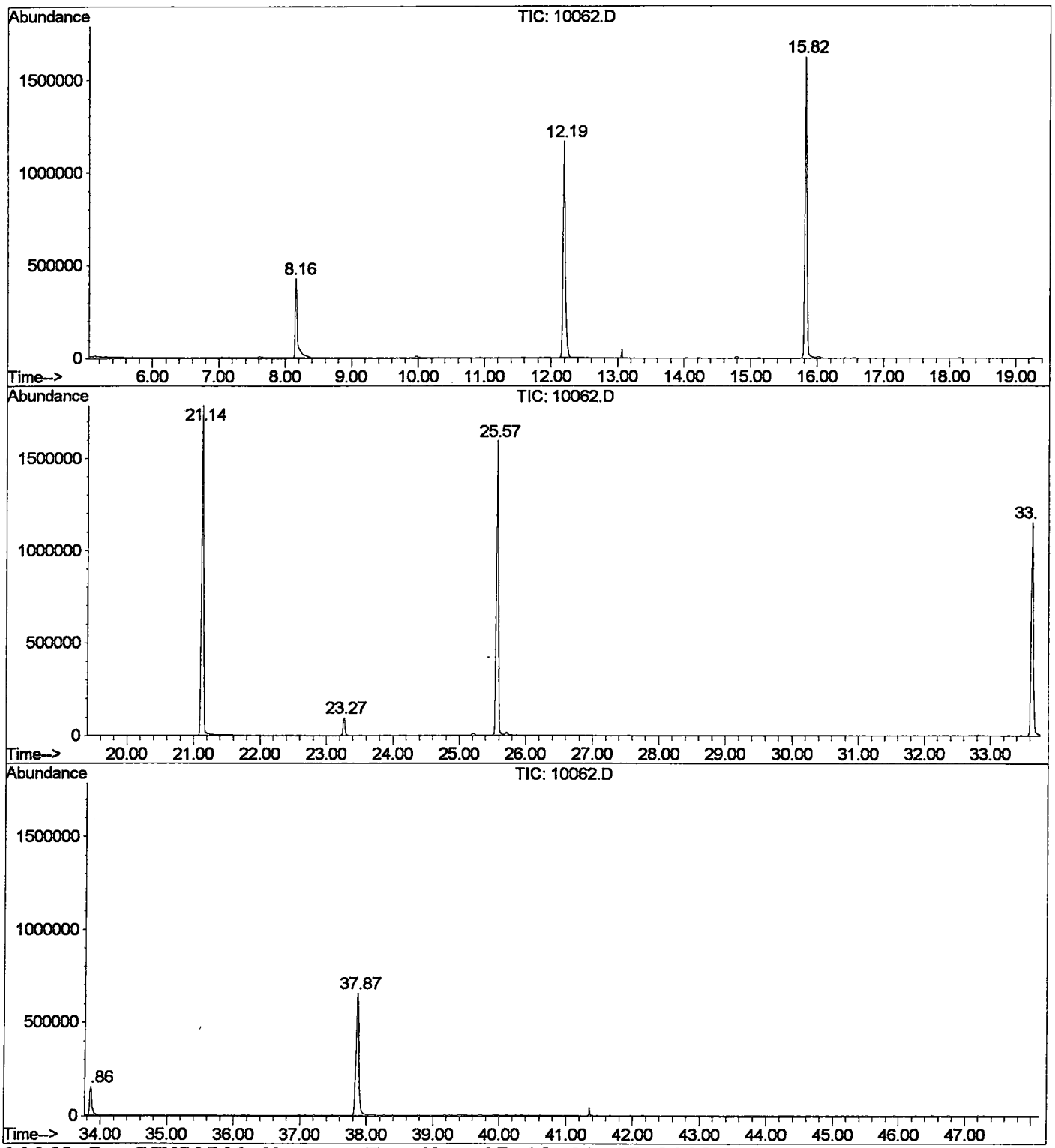
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.162	337	341	367	rBV	424744	1002047	26.61%	5.175%
2	12.194	775	781	797	rVB	1164699	2685726	71.31%	13.870%
3	15.823	1171	1177	1191	rBV	1618117	3399842	90.27%	17.558%
4	21.138	1750	1757	1776	rBV	1785749	3766307	100.00%	19.450%
5	23.273	1983	1990	1999	rBV	95499	191363	5.08%	0.988%
6	25.573	2234	2241	2253	rBV2	1593856	3470003	92.13%	17.920%
7	33.637	3114	3121	3139	rBV	1152514	2533008	67.25%	13.081%
8	33.857	3139	3145	3162	rVB	153683	362499	9.62%	1.872%
9	37.870	3575	3583	3600	rBV2	652790	1952828	51.85%	10.085%

Sum of corrected areas: 19363623

10062.D GCMS0501.M Tue May 07 12:00:16 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0302\10062.D
Operator :
Acquired : 5 May 2002 1:20 am using AcqMethod GCMS0501
Instrument : 209
Sample Name: GC/MS SCAN 4/26
Misc Info :
Vial Number: 35
Quant File :GCMS0501.RES (RTE Integrator)



10062.D GCMS0501.M Tue May 07 12:00:17 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0302\10062.D Vial: 35
Acq On : 5 May 2002 1:20 am Operator:
Sample : GC/MS SCAN 4/26 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

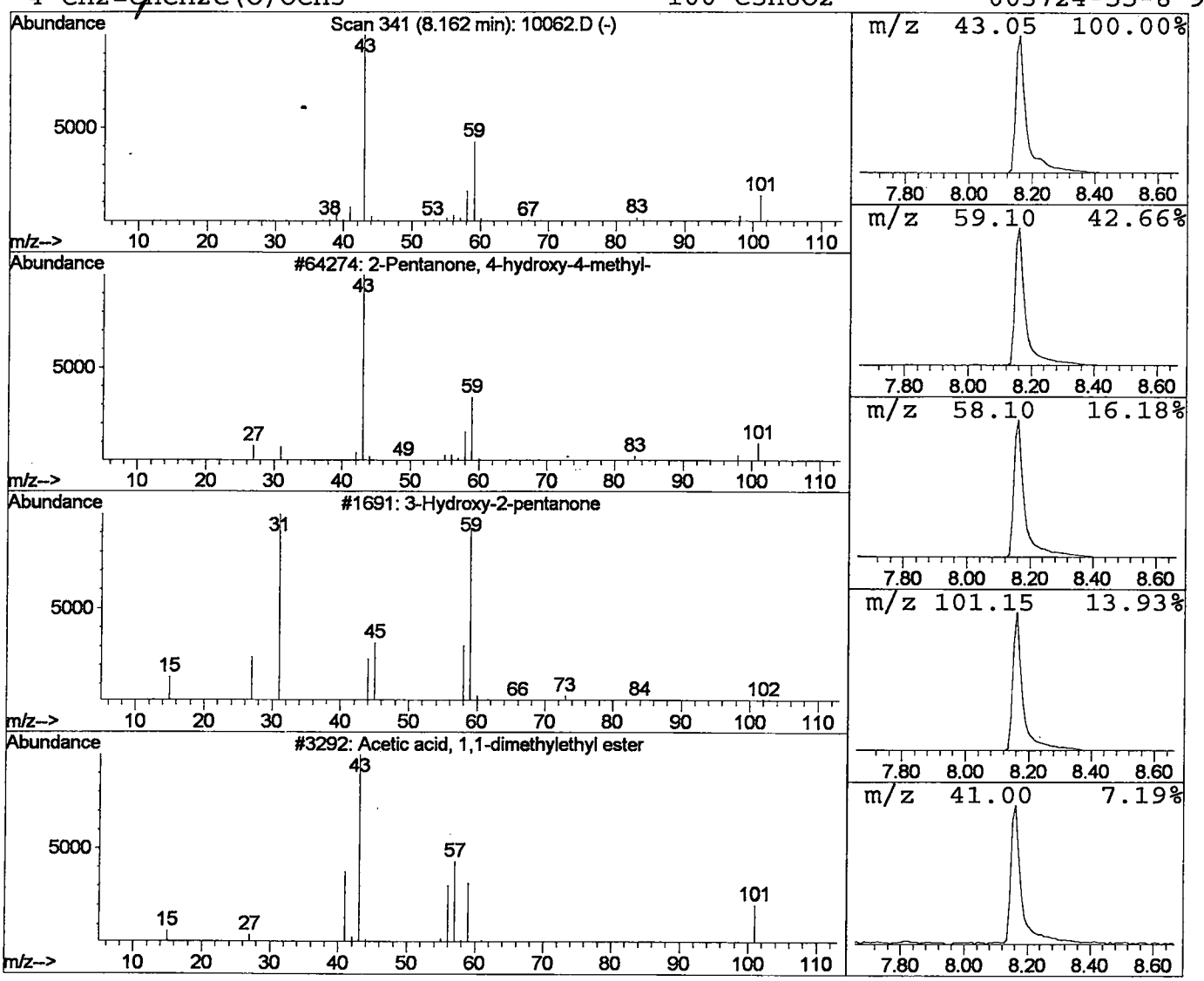
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	14.92 ug/l	1002050	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	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
3	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	9
4	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 5 May 2002 1:20 am
Data File: C:\HPCHEM\1\DATA\MAY0302\10062.D
Name: GC/MS SCAN 4/26
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	14.9	ug/l	1002050	ISTD01	12.19	2685730	40.0

10062.D GCMS0501.M Tue May 07 12:00:18 2002