Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0302\10063.D Vial: 36
Acq On : 5 May 2002 2:19 am Operator:
Sample : GC/MS SCAN 4/26 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 7 11:54 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	496276	40.00	ug/l	-0.02
10) Naphthalene-d8	15.83	136	1813590	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.14	164	981260	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.58	188	1341755	40.00	ug/l	-0.01
38) Chrysene-d12	33.64	240	870579	40.00	ug/l	-0.03
44) Perylene-d12	37.86	264	554582	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.27	209	20632	4.32	ug/L	-0.02
Spiked Amount 10.000			Recovery = 43.20%			
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	15.89	128	267	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	824	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	25.65	178	774	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

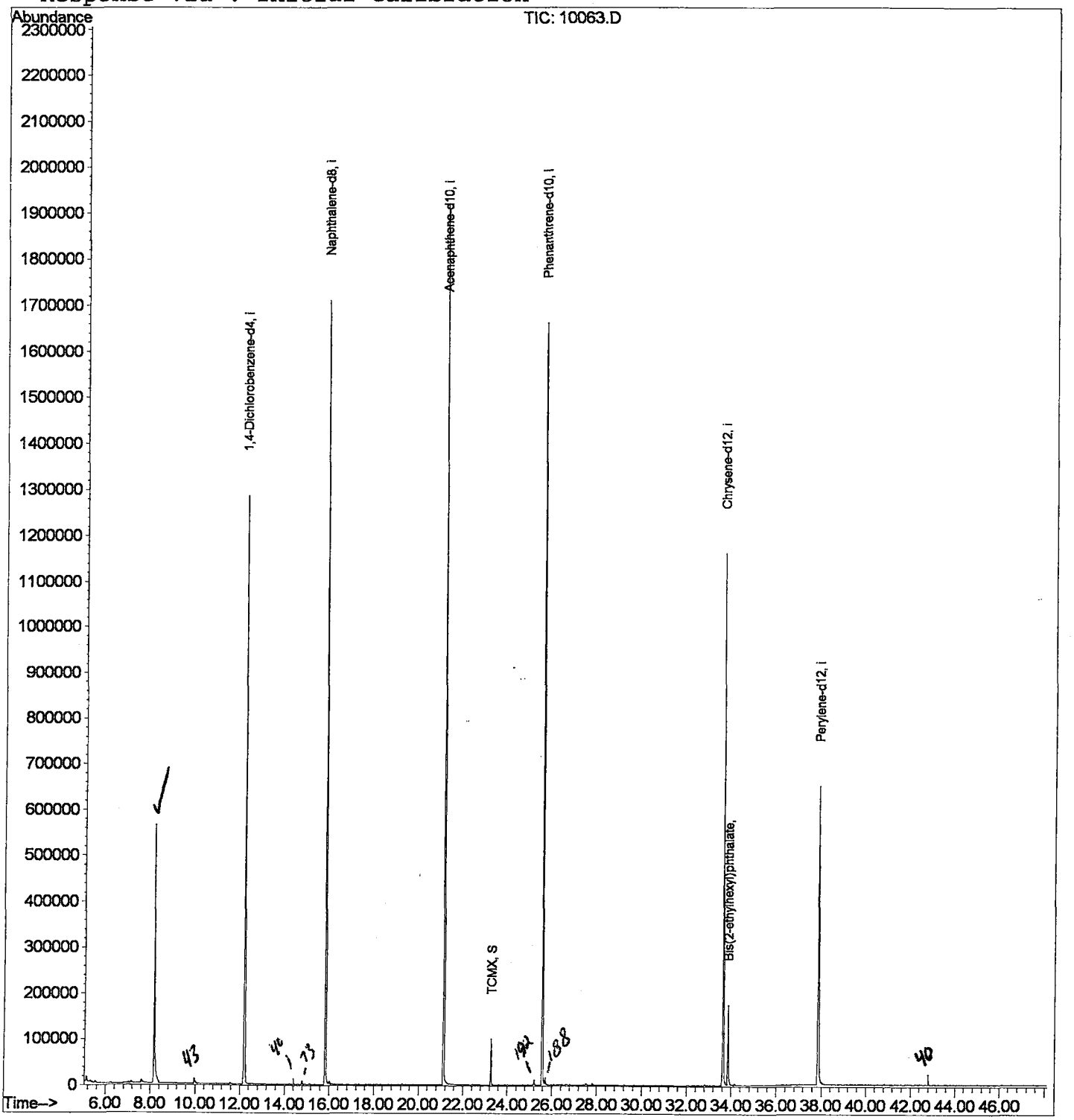
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.65	178	1124	N.D.	
36)	Di-n-butylphthalate	27.54	149	4367	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	32.08	149	752	N.D.	
41)	Benzo(a)anthracene	33.64	228	2115	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.86	149	108313	5.21 ug/l	98
43)	Chrysene	33.64	228	2115	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	2057	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\MAY0302\10063.D Vial: 36
Acq On : 5 May 2002 2:19 am Operator:
Sample : GC/MS SCAN 4/26 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 7 11:54 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\10063.D Vial: 36
Acq On : 5 May 2002 2:19 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

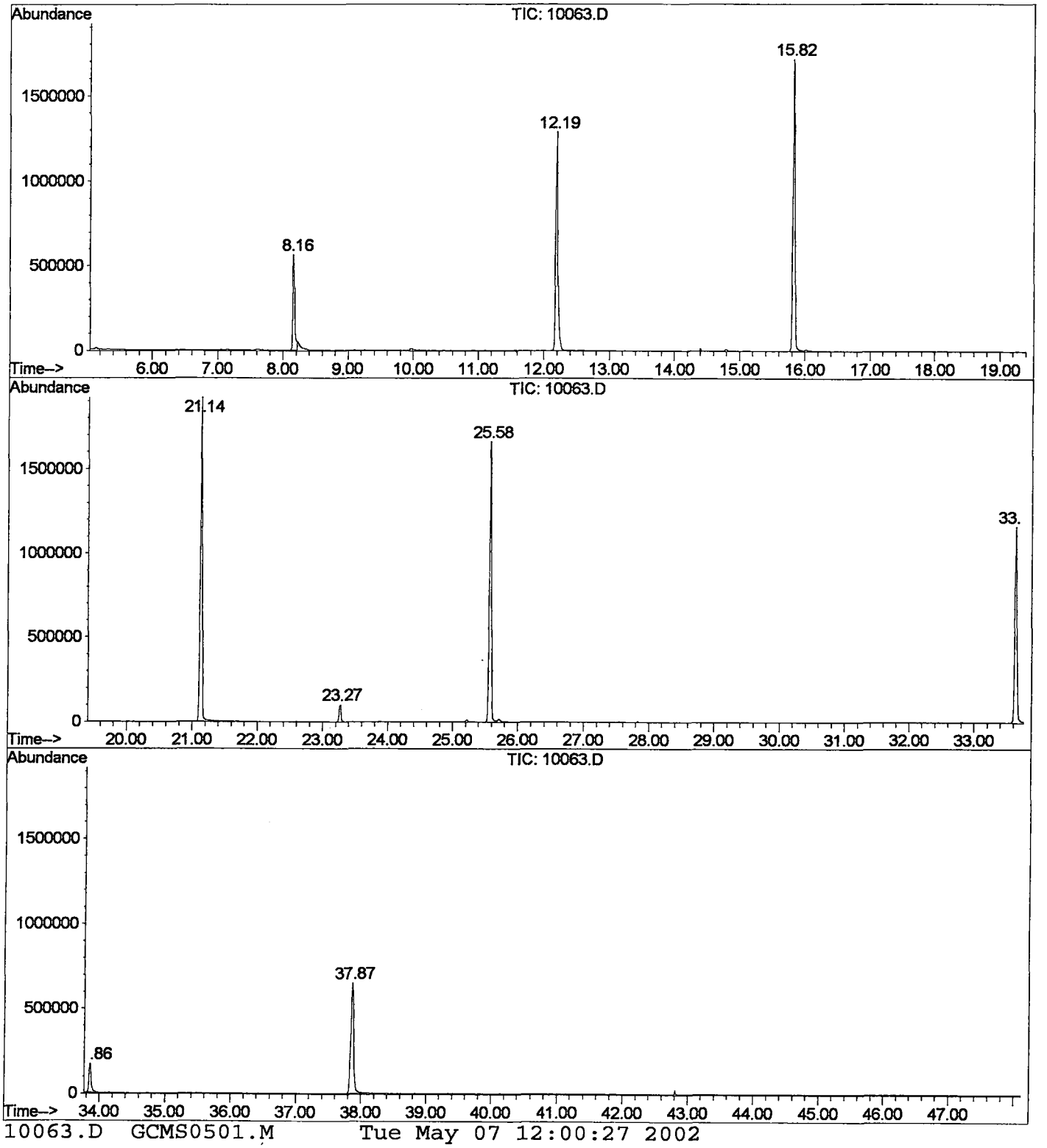
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.162	337	341	347	rBV	562594	1133001	28.44%	5.543%
2	12.194	775	781	796	rBV	1283855	2874092	72.16%	14.060%
3	15.823	1171	1177	1194	rBV	1708512	3627325	91.07%	17.745%
4	21.137	1750	1757	1771	rBV	1918909	3983160	100.00%	19.486%
5	23.273	1984	1990	1997	rBV	99407	197966	4.97%	0.968%
6	25.582	2235	2242	2253	rBV2	1660551	3638813	91.35%	17.801%
7	33.637	3114	3121	3140	rBV2	1160866	2621273	65.81%	12.823%
8	33.856	3140	3145	3162	rVB	172649	398639	10.01%	1.950%
9	37.870	3574	3583	3601	rBV2	648869	1967013	49.38%	9.623%

Sum of corrected areas: 20441282

10063.D GCMS0501.M Tue May 07 12:00:26 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0302\10063.D
Operator :
Acquired : 5 May 2002 2:19 am using AcqMethod GCMS0501
Instrument : 209
Sample Name: GC/MS SCAN 4/26
Misc Info :
Vial Number: 36
Quant File :GCMS0501.RES (RTE Integrator)



10063.D GCMS0501.M Tue May 07 12:00:27 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0302\10063.D Vial: 36
Acq On : 5 May 2002 2:19 am Operator:
Sample : GC/MS SCAN 4/26 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

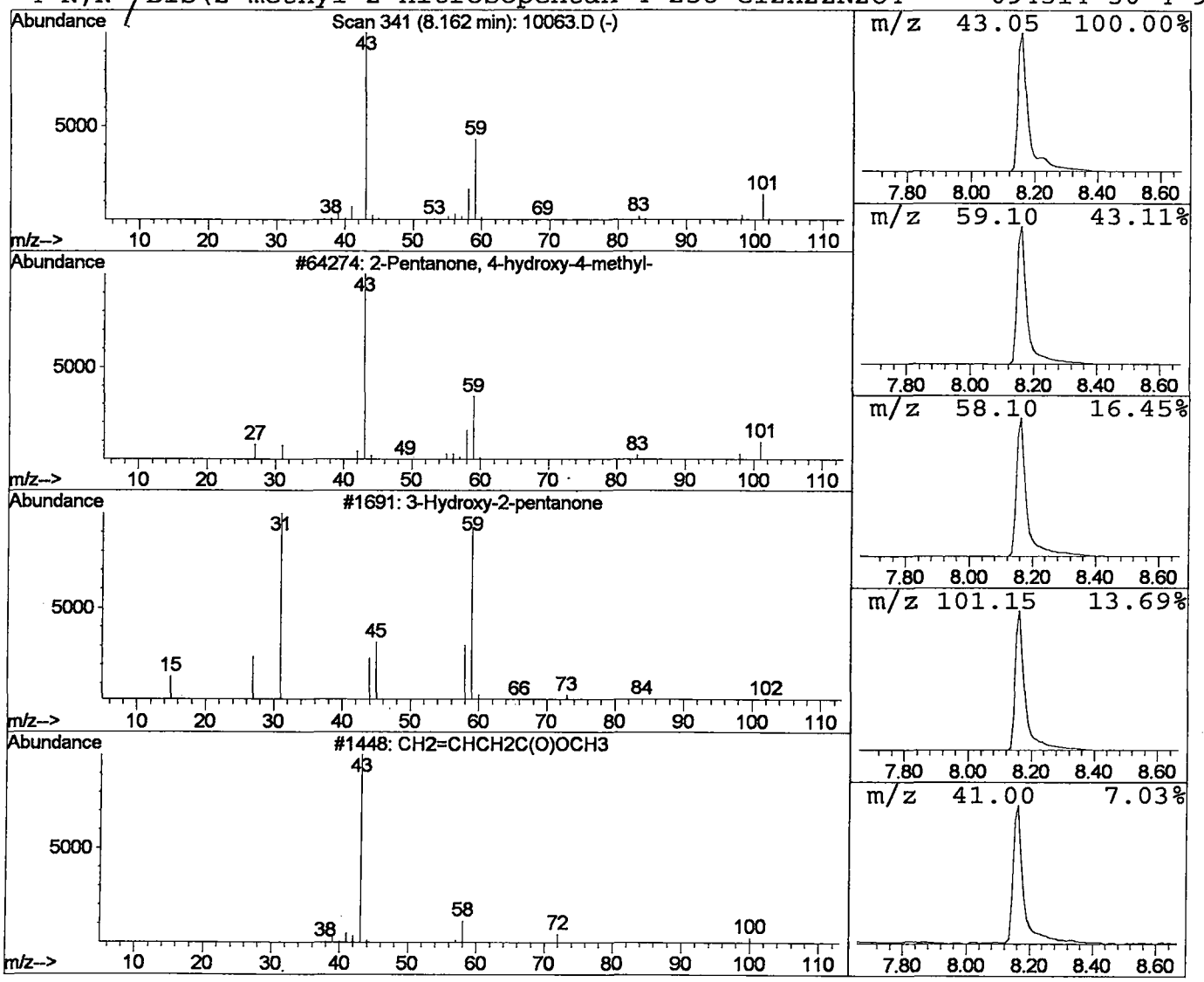
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	15.77 ug/l	1133000	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	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
4	N,N'-Bis(2-methyl-2-nitrosopentan-4	258	C12H22N2O4	094514-30-4	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 5 May 2002 2:19 am
Data File: C:\HPCHEM\1\DATA\MAY0302\10063.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	15.8	ug/l	1133000	ISTD01	12.19	2874090	40.0

10063.D GCMS0501.M Tue May 07 12:00:28 2002