Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0302\9154.D Vial: 31
Acq On : 4 May 2002 9:26 pm Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 7 11:49 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 re-run

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.20	152	460357	40.00 ug/l	-0.02
10) Naphthalene-d8	15.82	136	1688382	40.00 ug/l	-0.03
17) Acenaphthene-d10	21.14	164	917337	40.00 ug/l	-0.01
30) Phenanthrene-d10	25.57	188	1269572	40.00 ug/l	-0.02
38) Chrysene-d12	33.64	240	811113	40.00 ug/l	-0.03
44) Perylene-d12	37.86	264	525239	40.00 ug/l	-0.02
System Monitoring Compounds					
28) TCMX	23.27	209	20330	4.55 ug/L	-0.02
Spiked Amount 10.000			Recovery = 45.50%		
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.	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	1296	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	342	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	342	N.D.	
36)	Di-n-butylphthalate	27.54	149	4671	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.64	228	1806	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.86	149	49588	2.56 ug/l	99
43)	Chrysene	33.64	228	1806	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.74	252	176	N.D.	
47)	Benzo(k)fluoranthene	36.74	252	177	N.D.	
48)	Benzo(a)pyrene	37.87	252	2036	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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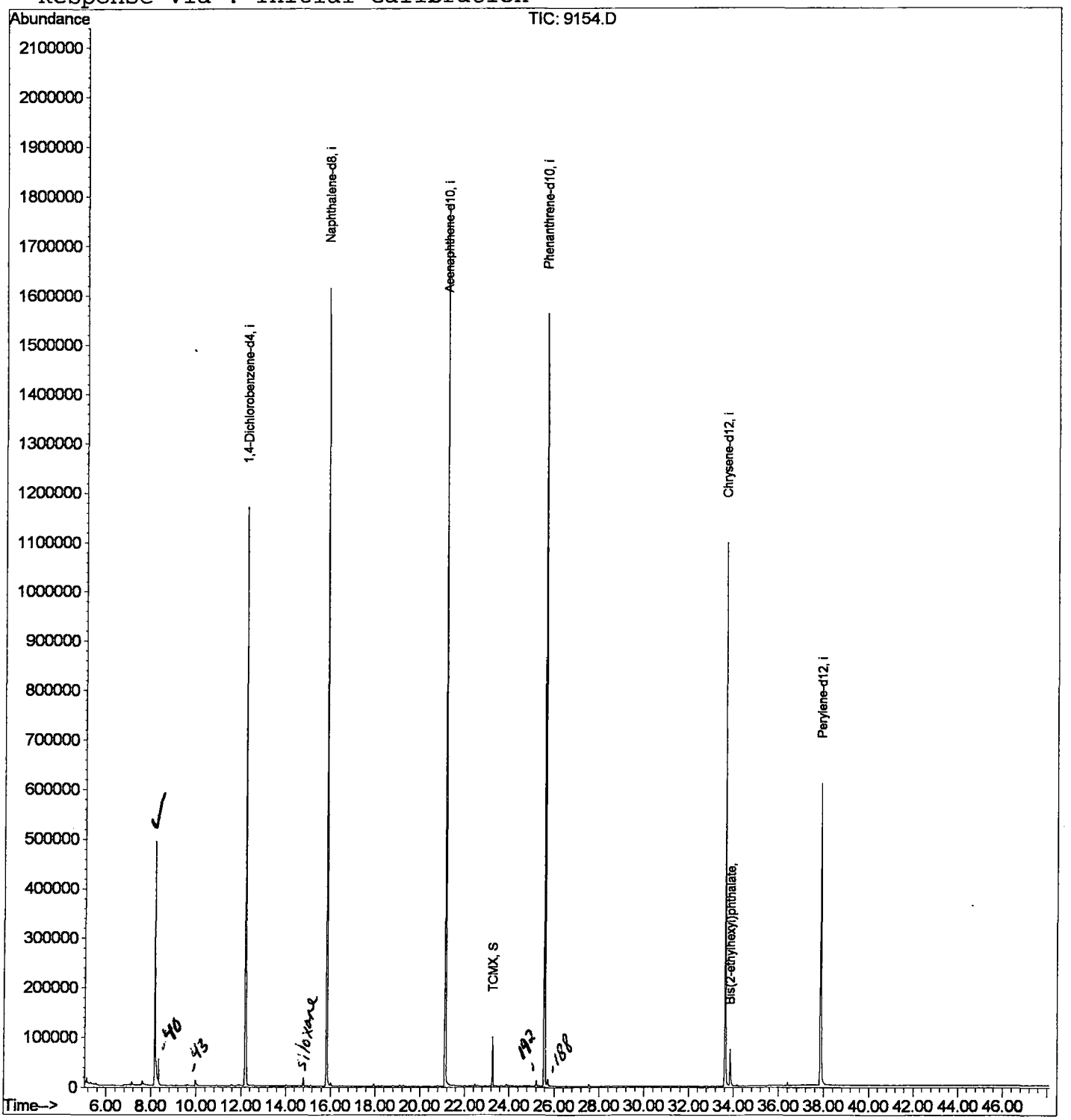
Acq On : 4 May 2002 9:26 pm Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 7 11:49 2002 Quant Results File: GCMS0501.RES

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\9154.D Vial: 31
Acq On : 4 May 2002 9:26 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

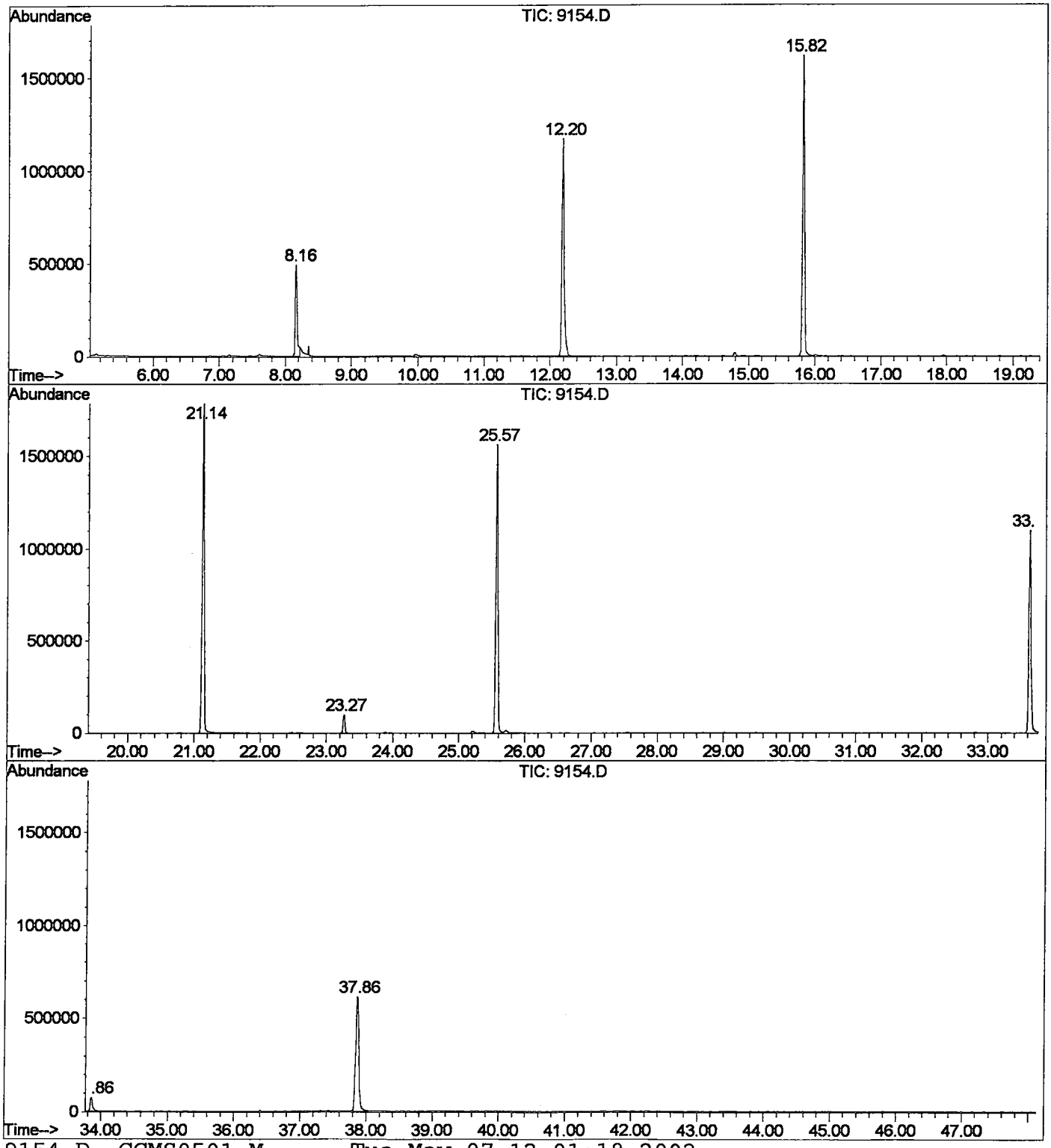
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.163	337	341	347	rBV	490318	1007723	26.92%	5.331%
2	12.195	775	781	797	rVB	1166942	2661645	71.09%	14.080%
3	15.824	1171	1177	1192	rBV	1614381	3368549	89.97%	17.819%
4	21.139	1749	1757	1775	rBV	1781344	3744029	100.00%	19.806%
5	23.274	1983	1990	1997	rVB	99013	194328	5.19%	1.028%
6	25.574	2234	2241	2252	rBV2	1560970	3446072	92.04%	18.229%
7	33.638	3114	3121	3138	rBV	1097355	2449305	65.42%	12.957%
8	33.858	3140	3145	3160	rVB	73382	182705	4.88%	0.966%
9	37.862	3574	3582	3602	rBV2	608630	1849488	49.40%	9.784%

Sum of corrected areas: 18903844

9154.D GCMS0501.M Tue May 07 12:01:17 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0302\9154.D
Operator :
Acquired : 4 May 2002 9:26 pm using AcqMethod GCMS0501
Instrument : 209
Sample Name: RE-EXT.
Misc Info :
Vial Number: 31
Quant File :GCMS0501.RES (RTE Integrator)



9154.D GCMS0501.M Tue May 07 12:01:18 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0302\9154.D Vial: 31
Acq On : 4 May 2002 9:26 pm Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

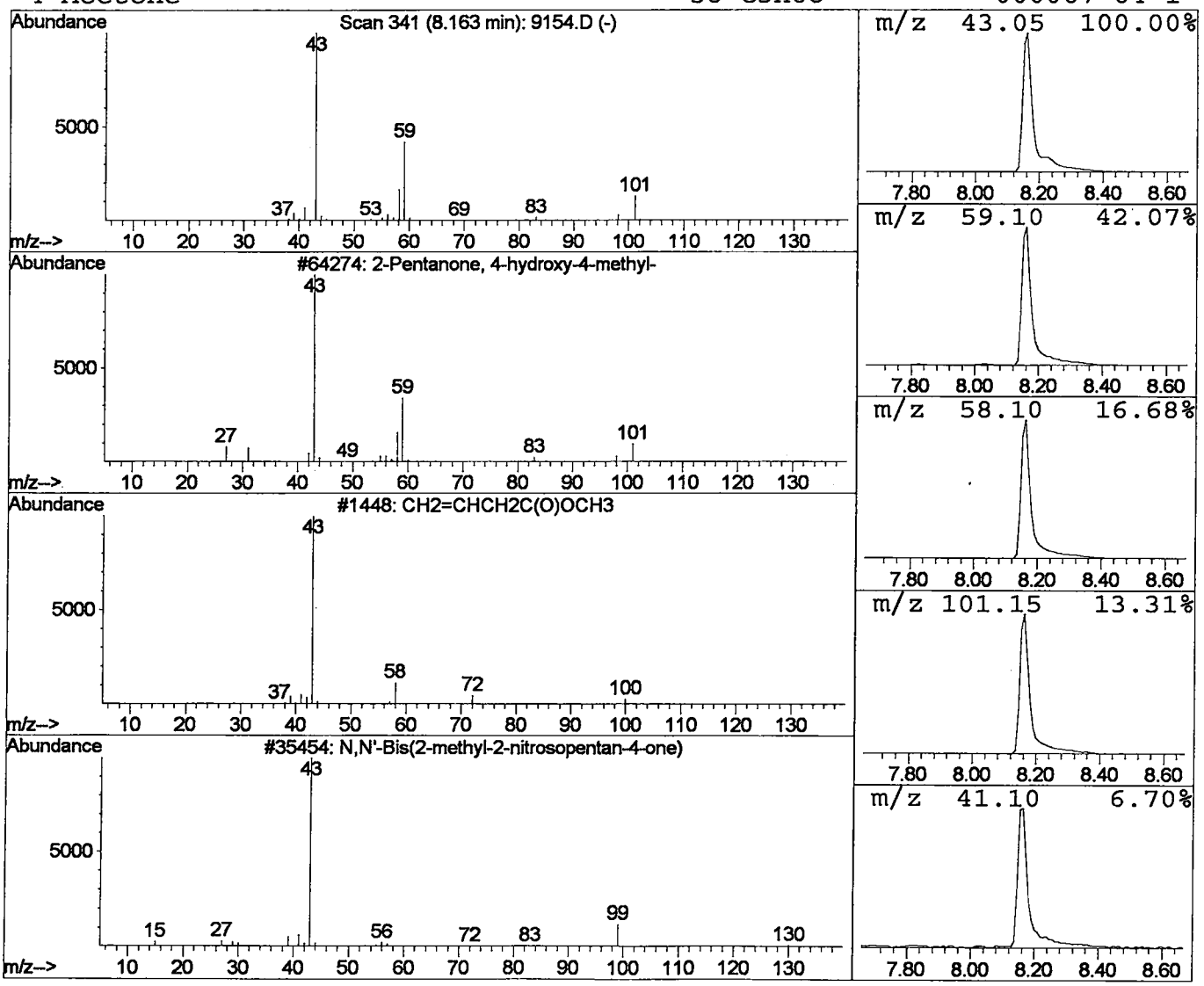
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	15.14 ug/l	1007720	1,4-Dichlorobenzene-d4	12.20

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	9
3	N,N'-Bis(2-methyl-2-nitrosopentan-4	258	C12H22N2O4	094514-30-4	9
4	Acetone	58	C3H6O	000067-64-1	7



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 4 May 2002 9:26 pm
Data File: C:\HPCHEM\1\DATA\MAY0302\9154.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	15.1	ug/l	1007720	ISTD01	12.20	2661650	40.0

9154.D GCMS0501.M Tue May 07 12:01:19 2002