Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0302\9577.D Vial: 50
Acq On : 5 May 2002 4:02 pm Operator:
Sample : GC/MS SCAN 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 7 14:56 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	12.20	152	453543	40.00	ug/l	-0.02
10) Naphthalene-d8	15.82	136	1650151	40.00	ug/l	-0.03
17) Acenaphthene-d10	21.13	164	885597	40.00	ug/l	-0.02
30) Phenanthrene-d10	25.57	188	1220287	40.00	ug/l	-0.02
38) Chrysene-d12	33.63	240	777592	40.00	ug/l	-0.04
44) Perylene-d12	37.86	264	519970	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.27	209	15774	3.66	ug/L	-0.02
Spiked Amount 10.000			Recovery = 36.60%			
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	3378	N.D.		
13) bis(2-Chloroethoxy)methane	15.21	93	279	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	15.88	128	793	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	20.48	163	454	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	22.61	149	1129	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	572	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

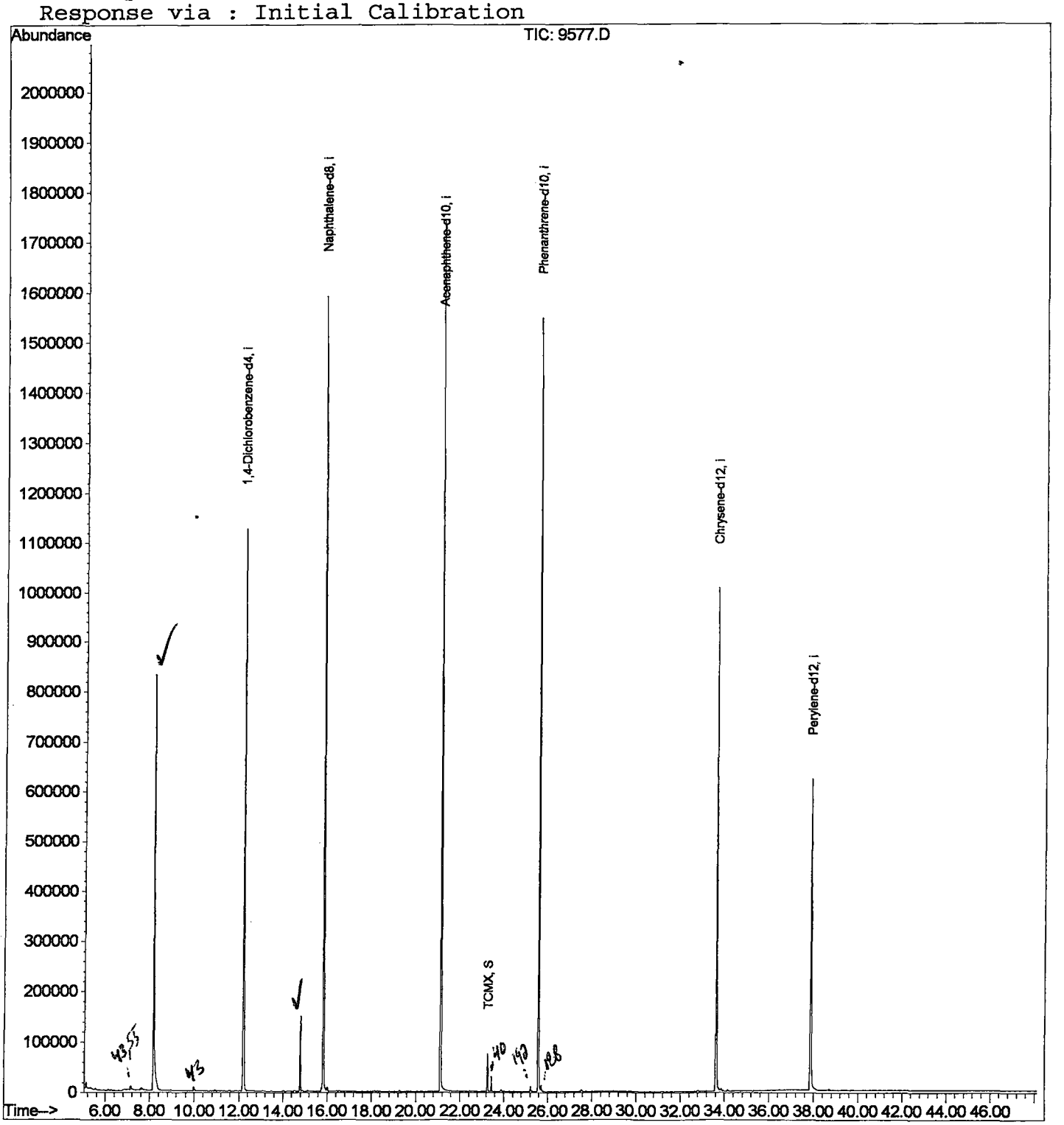
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.64	178	572	N.D.	
36)	Di-n-butylphthalate	27.54	149	4885	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.63	228	1670	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.85	149	2338	N.D.	
43)	Chrysene	33.63	228	1670	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	1899	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\9577.D Vial: 50
Acq On : 5 May 2002 4:02 pm Operator:
Sample : GC/MS SCAN 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 7 14:56 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\9577.D Vial: 50
Acq On : 5 May 2002 4:02 pm Operator:
Sample : GC/MS SCAN 4/23 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

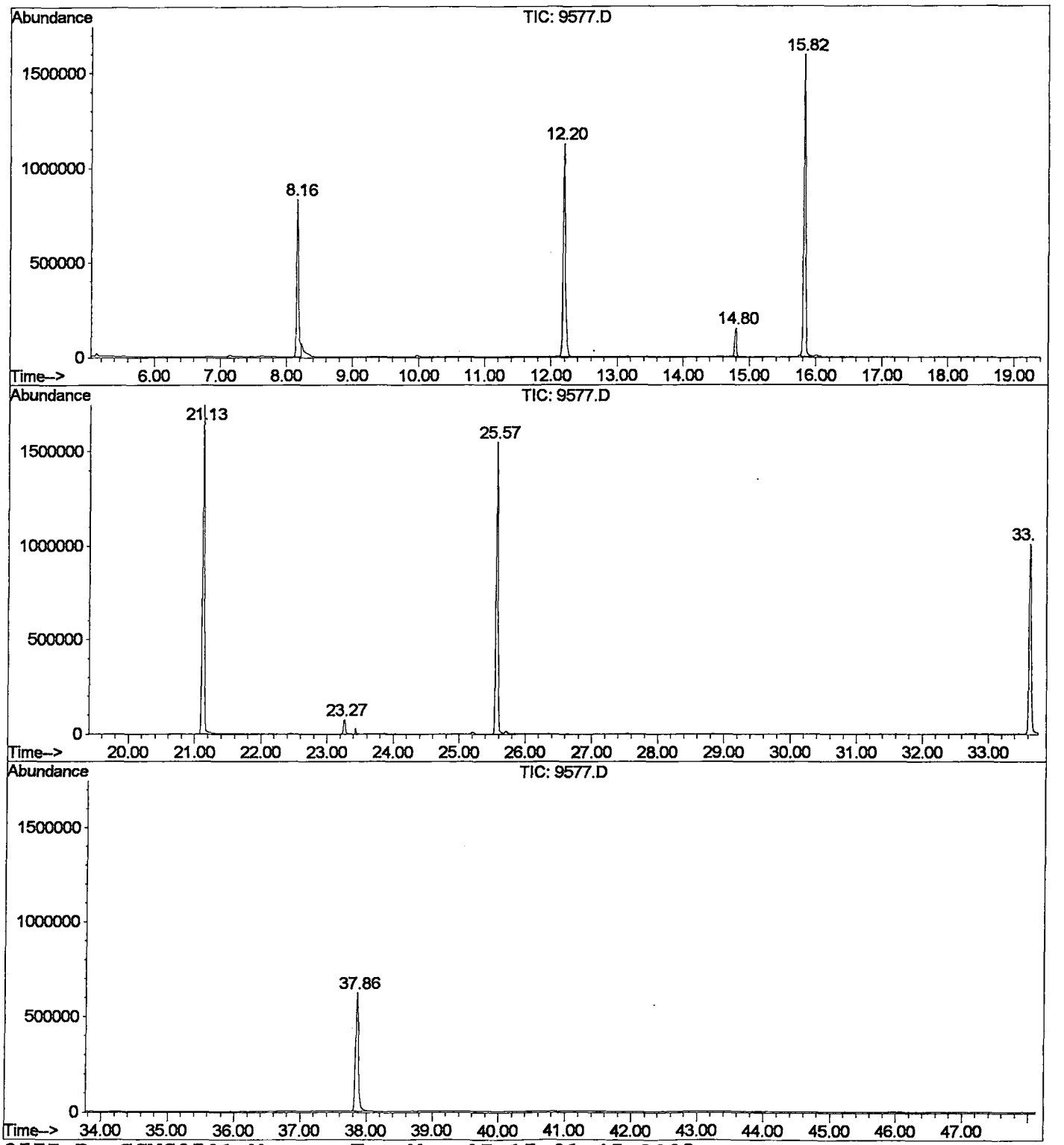
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.163	337	341	347	rBV	829917	1664357	46.08%	8.733%
2	12.195	775	781	795	rBV	1126203	2603443	72.09%	13.661%
3	14.798	1059	1065	1070	rBV	149539	288666	7.99%	1.515%
4	15.824	1172	1177	1193	rVV	1588849	3258336	90.22%	17.097%
5	21.130	1750	1756	1778	rBV	1744426	3611616	100.00%	18.951%
6	23.274	1982	1990	1998	rBV	74810	150136	4.16%	0.788%
7	25.574	2234	2241	2253	rBV2	1546992	3290093	91.10%	17.264%
8	33.629	3114	3120	3141	rBV2	1008435	2355695	65.23%	12.361%
9	37.862	3573	3582	3605	rBV2	620656	1835207	50.81%	9.630%

Sum of corrected areas: 19057549

9577.D GCMS0501.M Tue May 07 15:01:44 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0302\9577.D
Operator :
Acquired : 5 May 2002 4:02 pm using AcqMethod GCMS0501
Instrument : 209
Sample Name: GC/MS SCAN 4/23
Misc Info :
Vial Number: 50
Quant File :GCMS0501.RES (RTE Integrator)



9577.D GCMS0501.M Tue May 07 15:01:45 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0302\9577.D Vial: 50
Acq On : 5 May 2002 4:02 pm Operator:
Sample : GC/MS SCAN 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

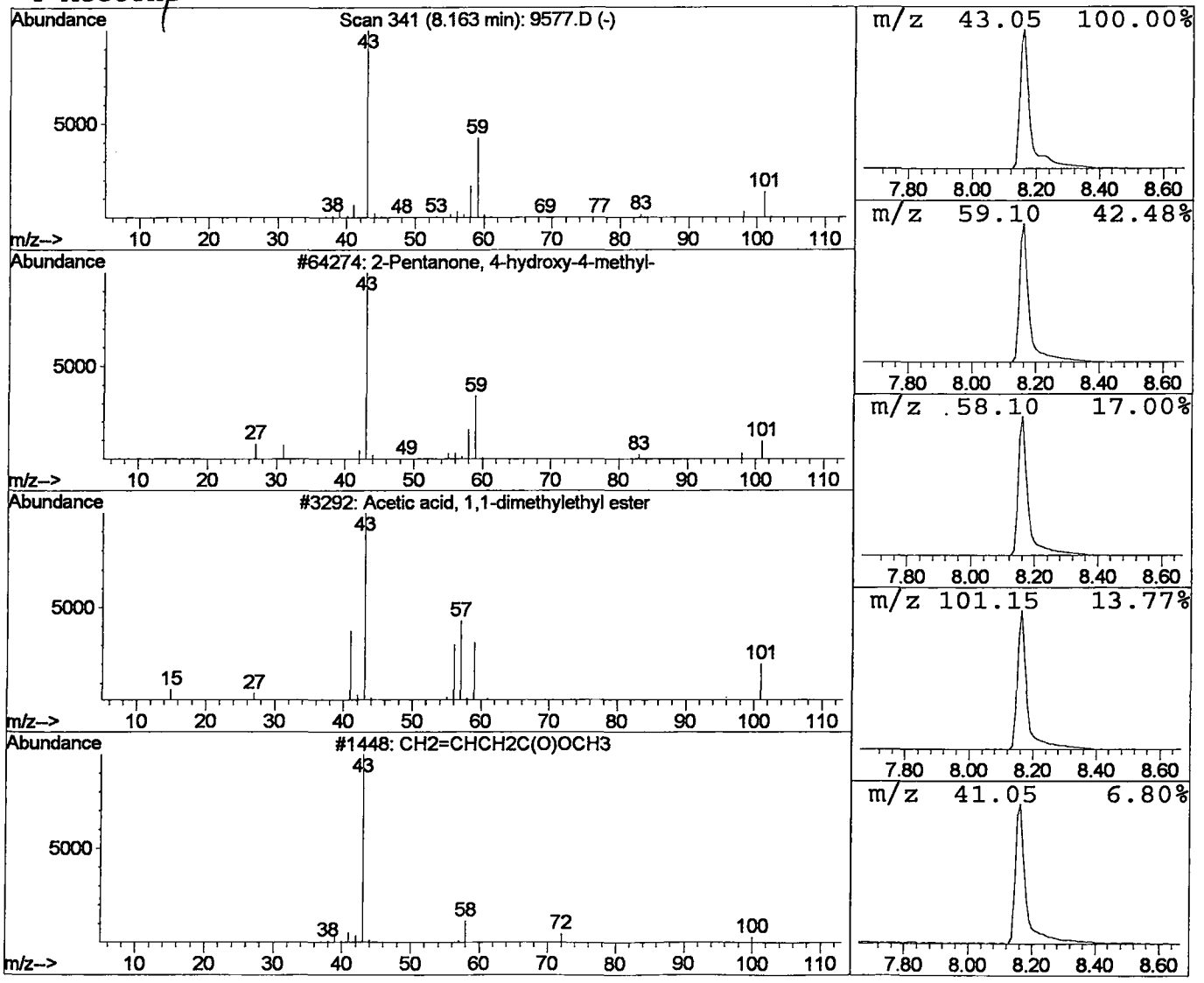
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	25.57 ug/l	1664360	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	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	9
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
4	Acetone	58	C3H6O	000067-64-1	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0302\9577.D Vial: 50
Acq On : 5 May 2002 4:02 pm Operator:
Sample : GC/MS SCAN 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

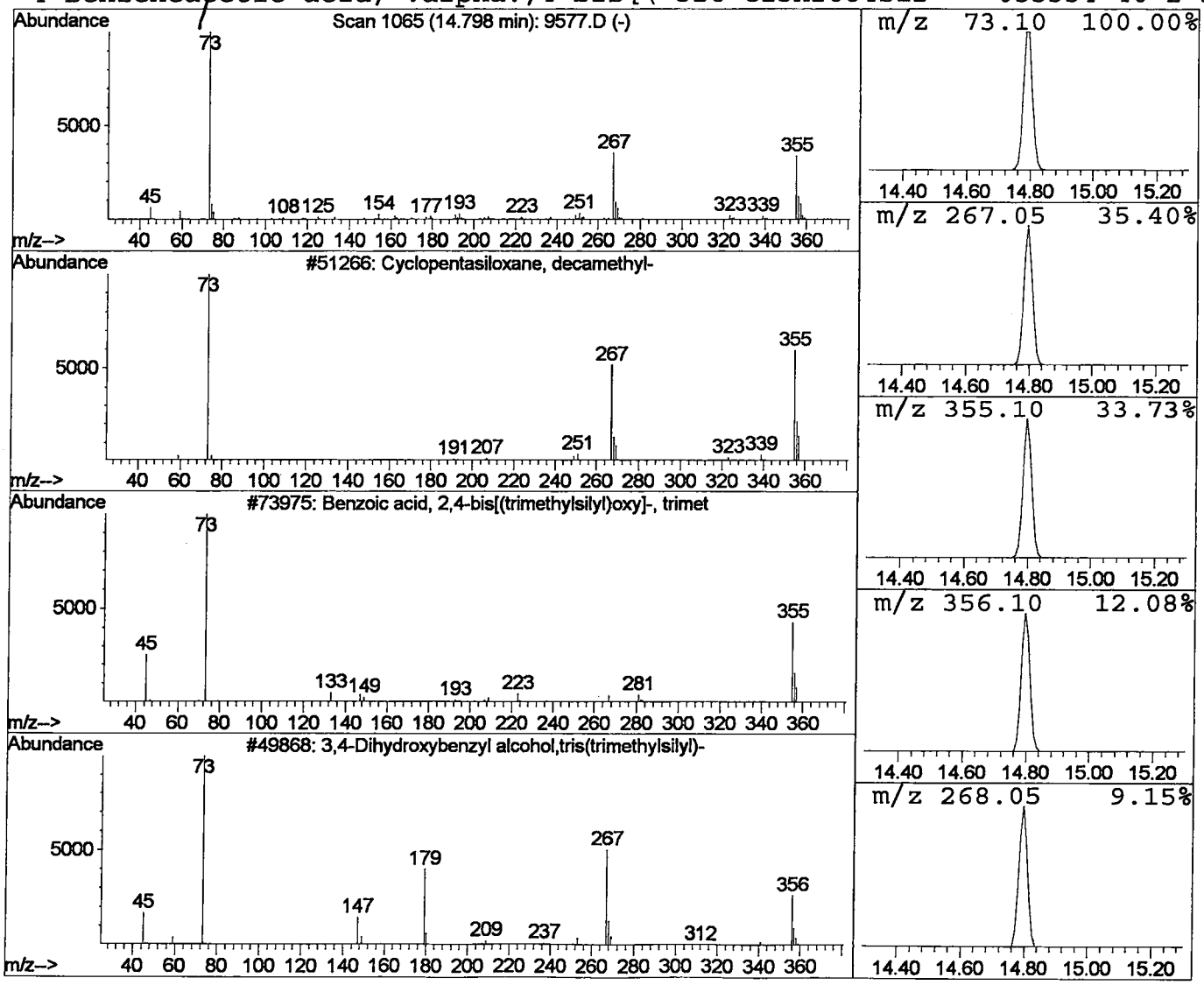
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	3.54 ug/l	288666	Naphthalene-d8	15.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	80
2	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	43
3	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	38
4	Benzeneacetic acid, .alpha.,4-bis[(	326	C15H26O4Si2	055334-40-2	37



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 5 May 2002 4:02 pm
Data File: C:\HPCHEM\1\DATA\MAY0302\9577.D
Name: GC/MS SCAN 4/23
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	25.6	ug/l	1664360	ISTD01	12.20	2603440	40.0
Cyclopentasiloxane,	14.80	3.5	ug/l	288666	ISTD02	15.82	3258340	40.0

9577.D GCMS0501.M Tue May 07 15:01:47 2002