Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0302\9572.D Vial: 46
Acq On : 5 May 2002 12:06 pm Operator:
Sample : GC/MS SCAN 4/23 FB Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 7 14:53 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

Original

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.19	152	501062	40.00	ug/l	-0.02
10) Naphthalene-d8	15.83	136	1833525	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.14	164	982074	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.57	188	1365688	40.00	ug/l	-0.02
38) Chrysene-d12	33.64	240	893250	40.00	ug/l	-0.03
44) Perylene-d12	37.87	264	590097	40.00	ug/l	-0.01
System Monitoring Compounds						
28) TCMX	23.27	209	17768	3.72	ug/L	-0.02
Spiked Amount 10.000			Recovery = 37.20%			
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	14.53	82	3333	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	1941	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	25.58	178	320	N.D.		

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

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Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

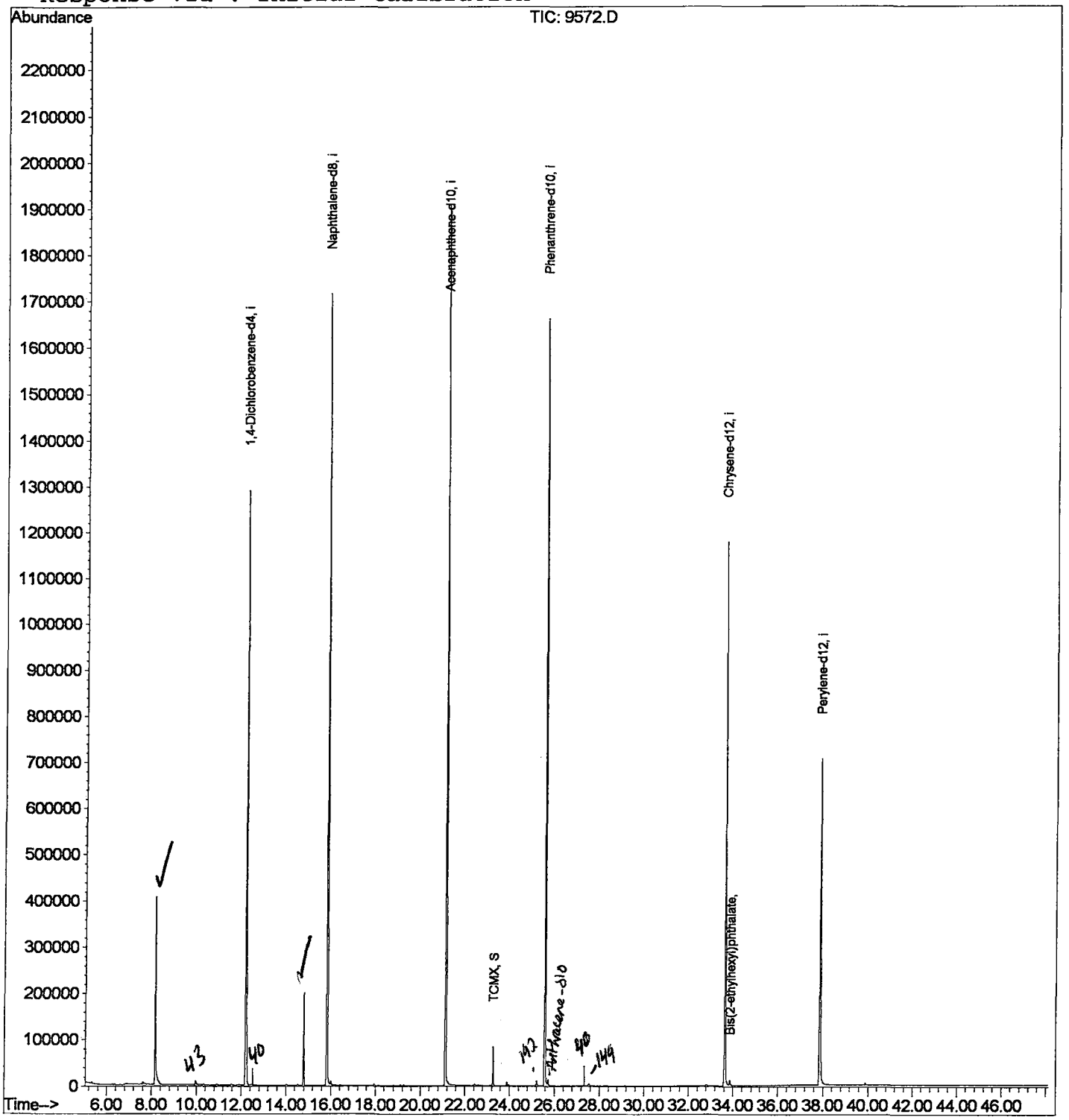
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.58	178	320	N.D.	
36)	Di-n-butylphthalate	27.55	149	6038	N.D.	
37)	Fluoranthene	29.27	202	336	N.D.	
39)	Pyrene	29.95	202	178	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.65	228	1916	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.87	149	8461	0.40 ug/l	97
43)	Chrysene	33.71	228	310	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	37.88	252	2279	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\9572.D Vial: 46
Acq On : 5 May 2002 12:06 pm Operator:
Sample : GC/MS SCAN 4/23 FB Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 7 14:53 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\9572.D Vial: 46
Acq On : 5 May 2002 12:06 pm Operator:
Sample : GC/MS SCAN 4/23 FB 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

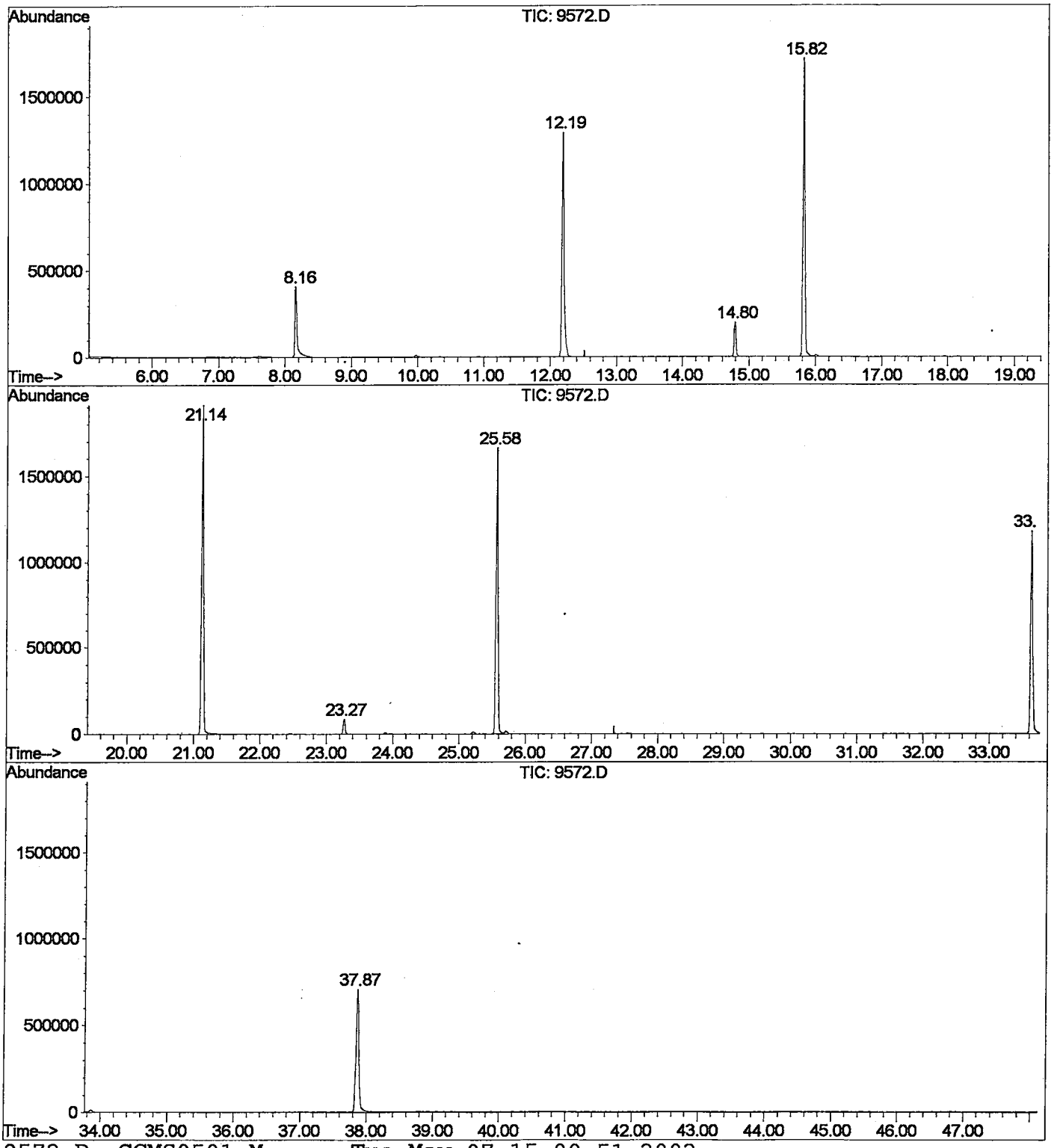
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.162	337	341	370	rVB	405280	937276	23.55%	4.595%
2	12.194	775	781	795	rBV	1288475	2869725	72.11%	14.068%
3	14.796	1059	1065	1071	rBV	199256	384432	9.66%	1.885%
4	15.822	1171	1177	1195	rBV	1714516	3637017	91.39%	17.830%
5	21.137	1750	1757	1766	rBV	1910306	3979751	100.00%	19.510%
6	23.272	1983	1990	1996	rBV	83308	162932	4.09%	0.799%
7	25.582	2235	2242	2252	rBV2	1661257	3681023	92.49%	18.045%
8	33.636	3114	3121	3139	rBV2	1178117	2669610	67.08%	13.087%
9	37.870	3574	3583	3603	rBV2	703827	2076984	52.19%	10.182%

Sum of corrected areas: 20398750

9572.D GCMS0501.M Tue May 07 15:00:51 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0302\9572.D
Operator :
Acquired : 5 May 2002 12:06 pm using AcqMethod GCMS0501
Instrument : 209
Sample Name: GC/MS SCAN 4/23 FB
Misc Info :
Vial Number: 46
Quant File :GCMS0501.RES (RTE Integrator)



9572.D GCMS0501.M Tue May 07 15:00:51 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0302\9572.D Vial: 46
Acq On : 5 May 2002 12:06 pm Operator:
Sample : GC/MS SCAN 4/23 FB Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

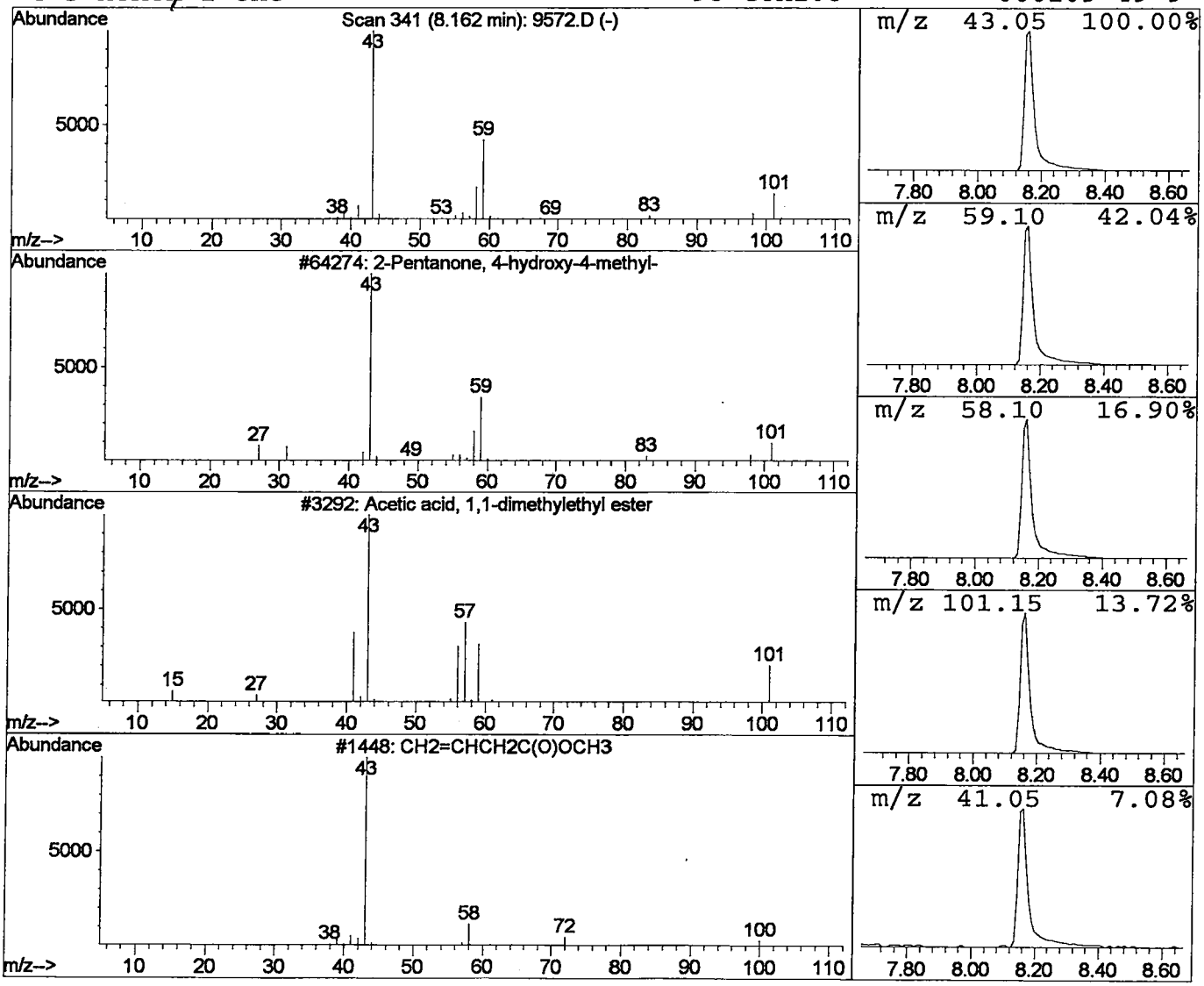
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	13.06 ug/l	937276	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	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	9
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	7



Data File : C:\HPCHEM\1\DATA\MAY0302\9572.D Vial: 46
Acq On : 5 May 2002 12:06 pm Operator:
Sample : GC/MS SCAN 4/23 FB Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

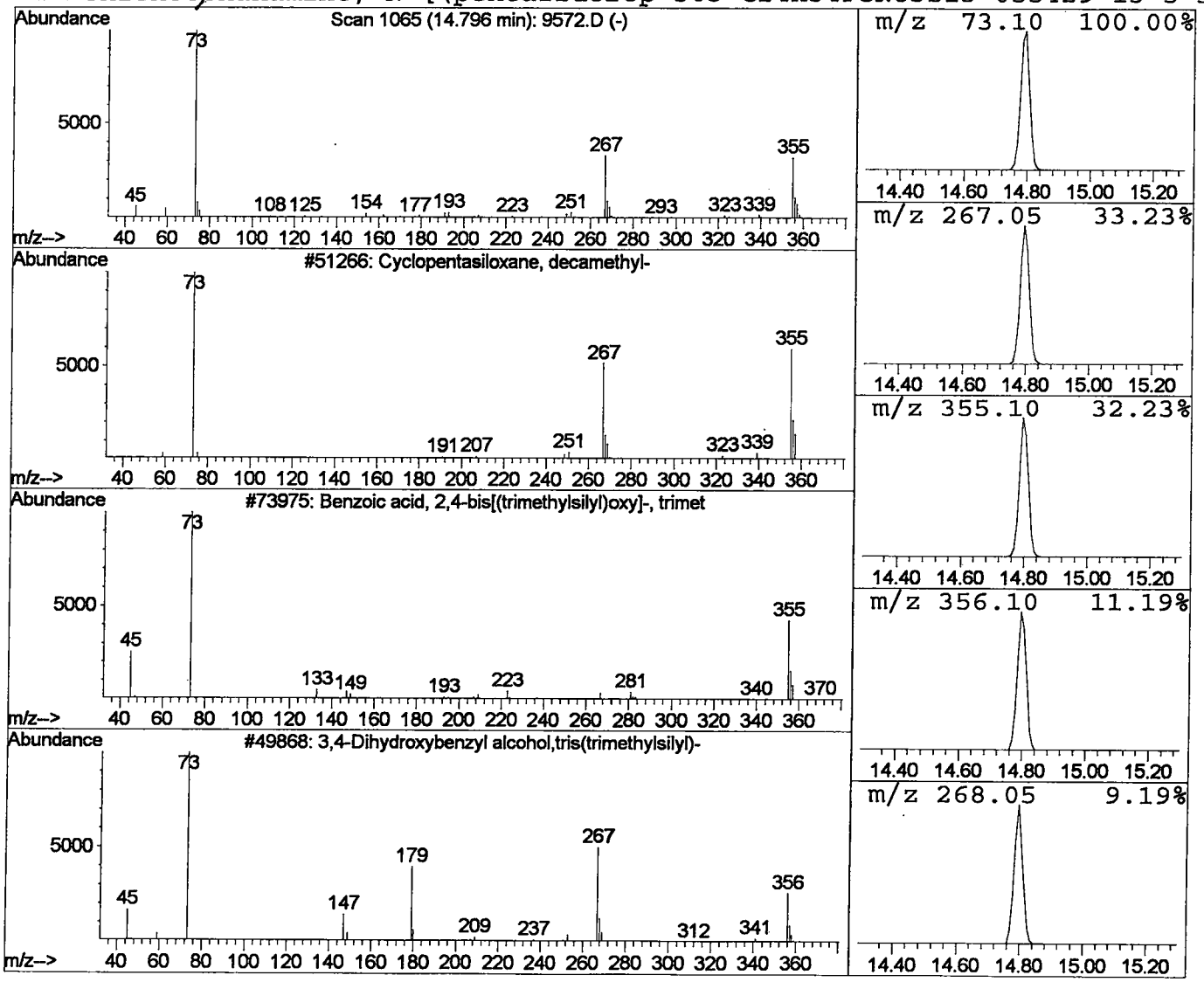
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	4.23 ug/l	384432	Naphthalene-d8	15.83

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	37
3	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	37
4	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	37



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 5 May 2002 12:06 pm
Data File: C:\HPCHEM\1\DATA\MAY0302\9572.D
Name: GC/MS SCAN 4/23 FB
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	13.1	ug/l	937276	ISTD01	12.19	2869730	40.0
Cyclopentasiloxane,	14.80	4.2	ug/l	384432	ISTD02	15.83	3637020	40.0

9572.D GCMS0501.M Tue May 07 15:00:54 2002