Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0302\9580.D Vial: 10
Acq On : 3 May 2002 10:51 pm Operator:
Sample : GC/MS SCAN 4/24 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 6 9:45 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	474482	40.00	ug/l	-0.02
10) Naphthalene-d8	15.83	136	1732032	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.13	164	938385	40.00	ug/l	-0.02
30) Phenanthrene-d10	25.58	188	1293133	40.00	ug/l	-0.02
38) Chrysene-d12	33.64	240	832237	40.00	ug/l	-0.02
44) Perylene-d12	37.87	264	561463	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.27	209	16588	3.63	ug/L	-0.02
Spiked Amount 10.000			Recovery = 36.30%			
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	800	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.		
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	731	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	687	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

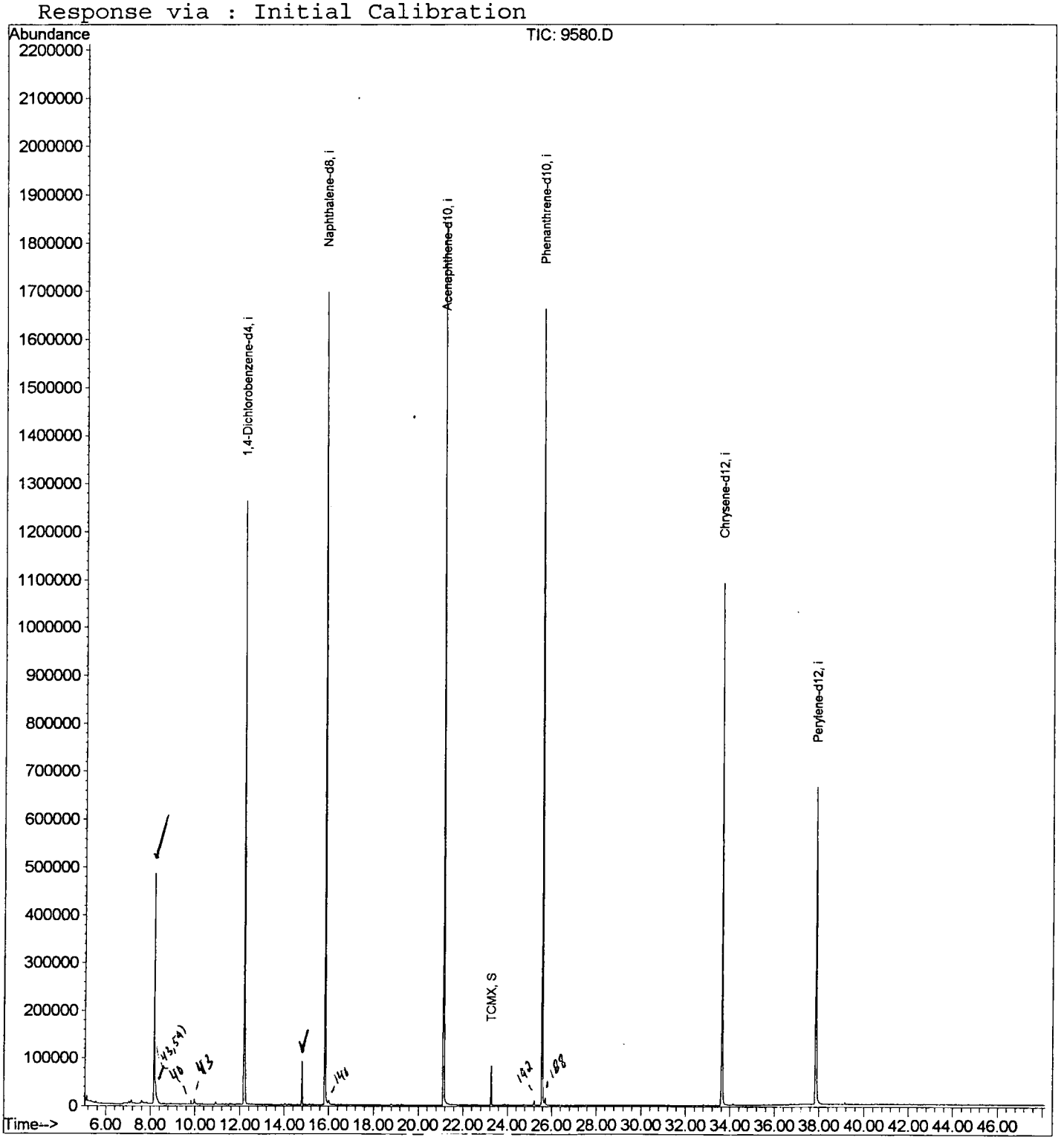
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.64	178	976	N.D.	
36)	Di-n-butylphthalate	27.55	149	2678	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.64	228	1949	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.86	149	1384	N.D.	
43)	Chrysene	33.64	228	1949	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.76	252	750	N.D.	
47)	Benzo(k)fluoranthene	36.76	252	750	N.D.	
48)	Benzo(a)pyrene	37.88	252	2256	N.D.	
49)	Indeno(1,2,3-cd)pyrene	42.05	276	182	N.D.	
50)	Dibenz(a,h)anthracene	42.02	278	1844	N.D.	
51)	Benzo(g,h,i)perylene	43.17	276	2543	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY0302\9580.D Vial: 10
Acq On : 3 May 2002 10:51 pm Operator:
Sample : GC/MS SCAN 4/24 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 6 9:45 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\9580.D Vial: 10
Acq On : 3 May 2002 10:51 pm Operator:
Sample : GC/MS SCAN 4/24 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

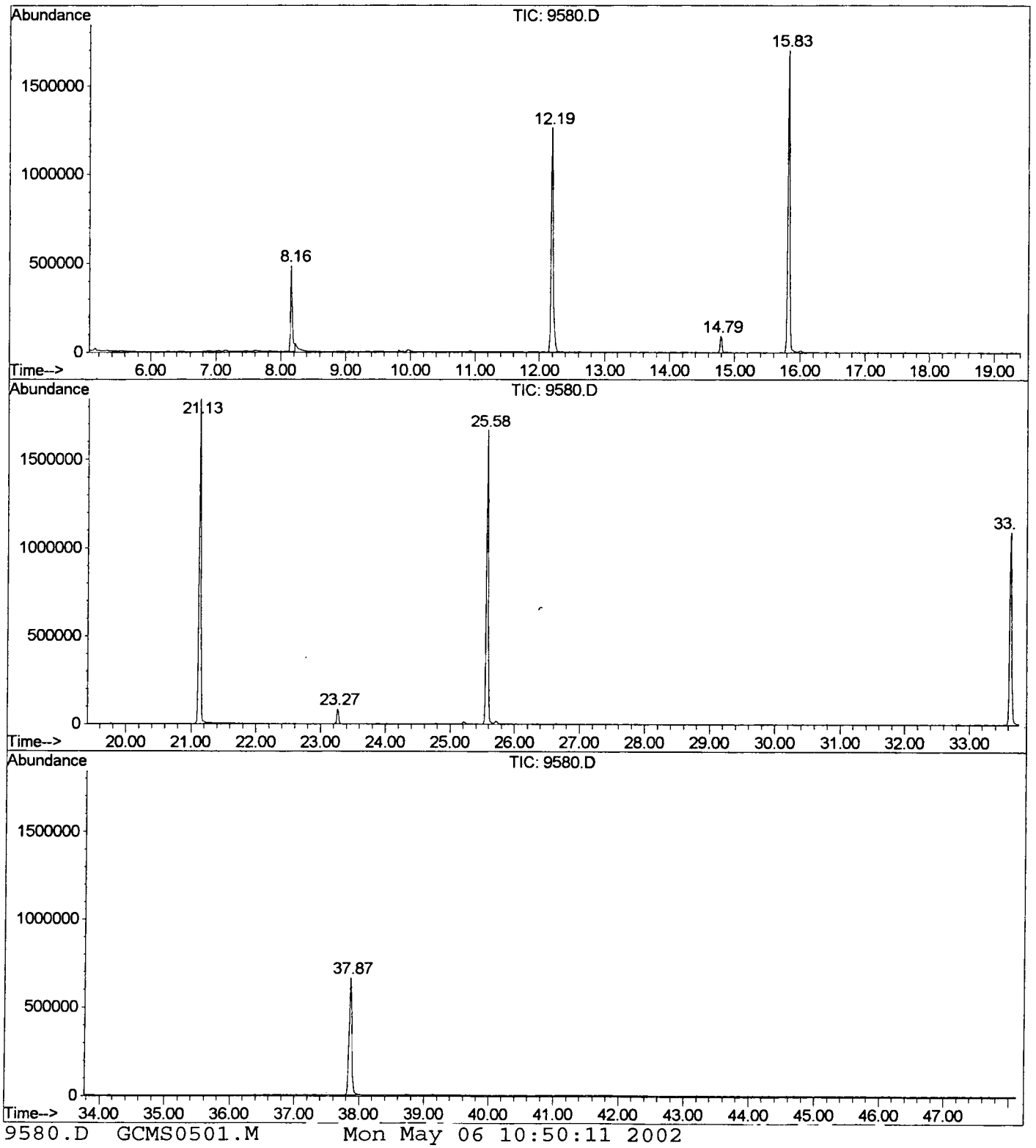
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.158	336	340	346	rBV	481172	926112	24.26%	4.805%
2	12.190	774	780	795	rVB	1260120	2747944	71.98%	14.258%
3	14.792	1059	1064	1069	rVB	91138	173818	4.55%	0.902%
4	15.828	1170	1177	1193	rBV	1696332	3483385	91.25%	18.074%
5	21.133	1749	1756	1772	rBV	1841482	3817505	100.00%	19.808%
6	23.268	1983	1989	1995	rBV	81679	159599	4.18%	0.828%
7	25.578	2234	2241	2251	rBV2	1661043	3493564	91.51%	18.127%
8	33.642	3114	3121	3134	rBV2	1091598	2497421	65.42%	12.958%
9	37.866	3573	3582	3601	rBV2	662568	1973144	51.69%	10.238%

Sum of corrected areas: 19272492

9580.D GCMS0501.M Mon May 06 10:50:10 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0302\9580.D
Operator :
Acquired : 3 May 2002 10:51 pm using AcqMethod GCMS0501
Instrument : 209
Sample Name: GC/MS SCAN 4/24
Misc Info :
Vial Number: 10
Quant File :GCMS0501.RES (RTE Integrator)



9580.D GCMS0501.M Mon May 06 10:50:11 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0302\9580.D Vial: 10
Acq On : 3 May 2002 10:51 pm Operator:
Sample : GC/MS SCAN 4/24 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

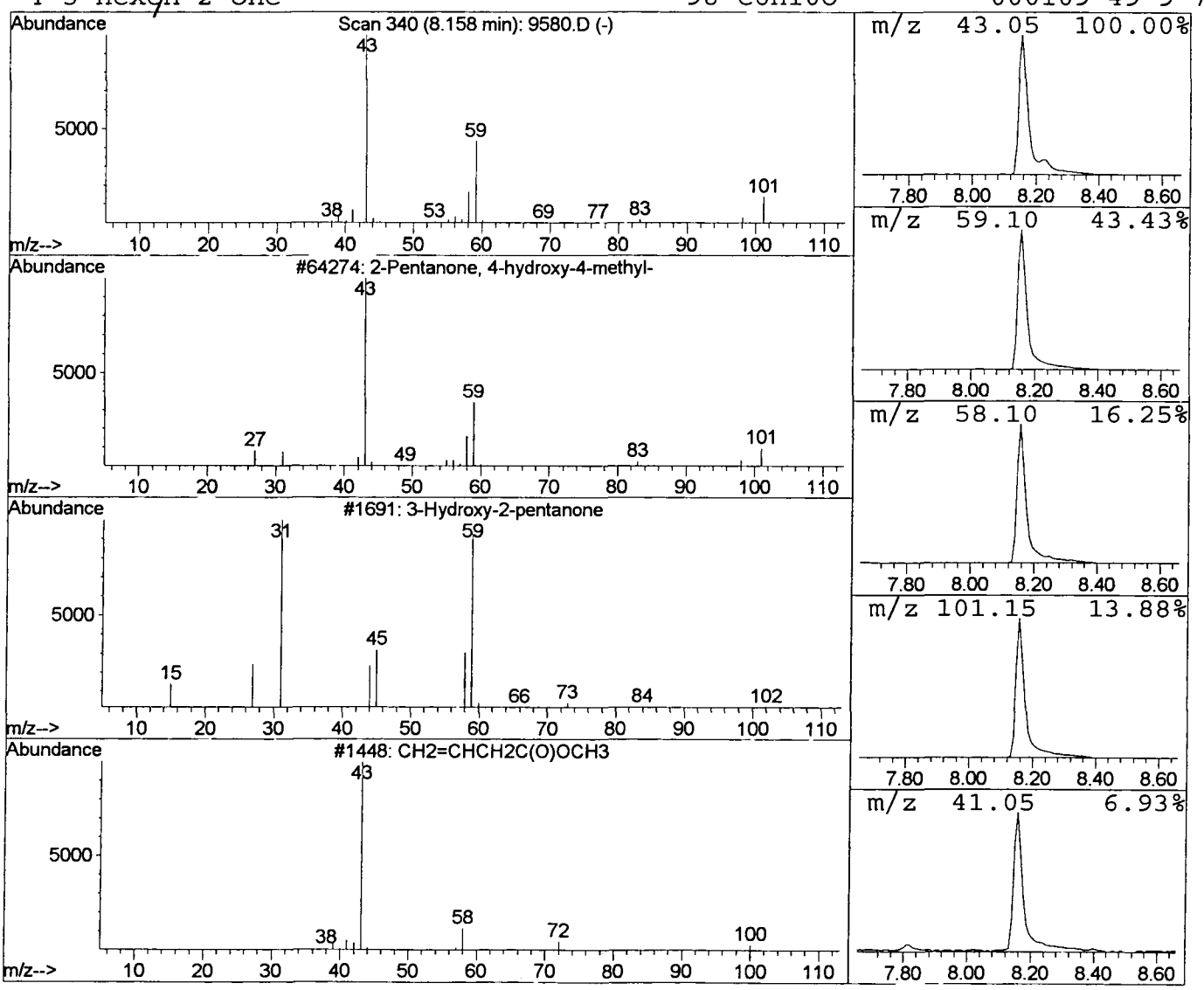
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	13.48 ug/l	926112	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	5-Hexen-2-one	98	C6H10O	000109-49-9	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0302\9580.D Vial: 10
Acq On : 3 May 2002 10:51 pm Operator:
Sample : GC/MS SCAN 4/24 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

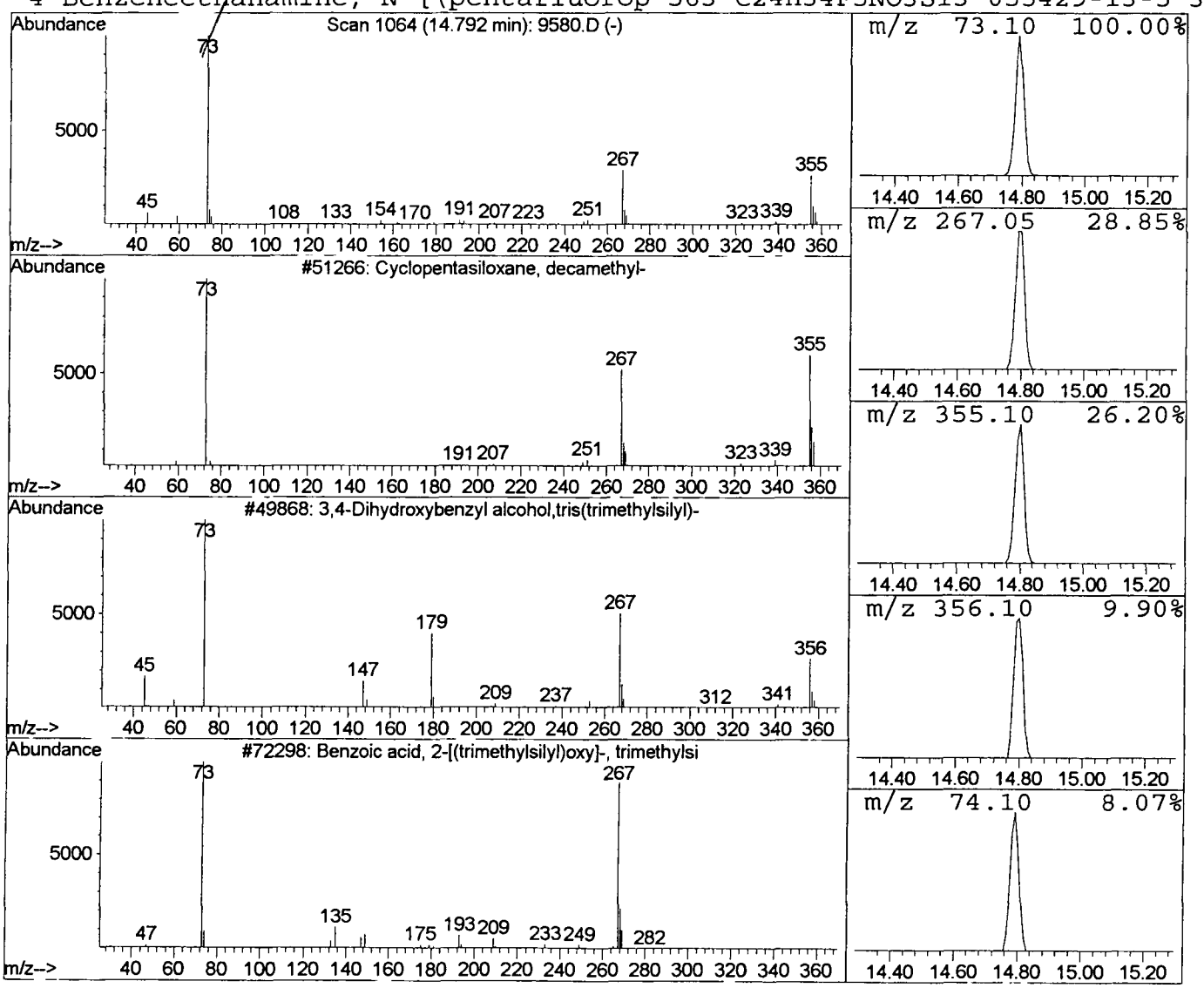
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	2.00 ug/l	173818	Naphthalene-d8	15.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	80
2	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	47
3	Benzoic acid, 2-[(trimethylsilyl)ox	282	C13H22O3Si2	003789-85-3	43
4	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	38



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 3 May 2002 10:51 pm
Data File: C:\HPCHEM\1\DATA\MAY0302\9580.D
Name: GC/MS SCAN 4/24
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	13.5	ug/l	926112	ISTD01	12.19	2747940	40.0
Cyclopentasiloxane,	14.79	2.0	ug/l	173818	ISTD02	15.83	3483390	40.0

9580.D GCMS0501.M Mon May 06 10:50:14 2002