Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0302\9570.D Vial: 44
Acq On : 5 May 2002 10:09 am Operator:
Sample : GC/MS SCAN 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 7 14:49 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 the re-ext

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.19	152	503220	40.00	ug/l	-0.02
10) Naphthalene-d8	15.83	136	1840288	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.13	164	993490	40.00	ug/l	-0.02
30) Phenanthrene-d10	25.58	188	1386184	40.00	ug/l	-0.02
38) Chrysene-d12	33.63	240	854772	40.00	ug/l	-0.03
44) Perylene-d12	37.87	264	557355	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.27	209	24938	5.16	ug/L	-0.02
Spiked Amount 10.000			Recovery = 51.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.		
3) bis(2-Chloroethyl)ether	11.46	93	1648	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	14847	0.46	ug/l	98
13) bis(2-Chloroethoxy)methane	15.20	93	356	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	15.88	128	582	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	19.40	162	181	N.D.		
20) Dimethylphthalate	20.48	163	1392	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	21.23	153	311	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Diethylphthalate	22.61	149	3004	N.D.		
26) 4-Chlorophenyl-phenylether	22.76	204	307	N.D.		
27) Fluorene	22.76	166	505	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	2336	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

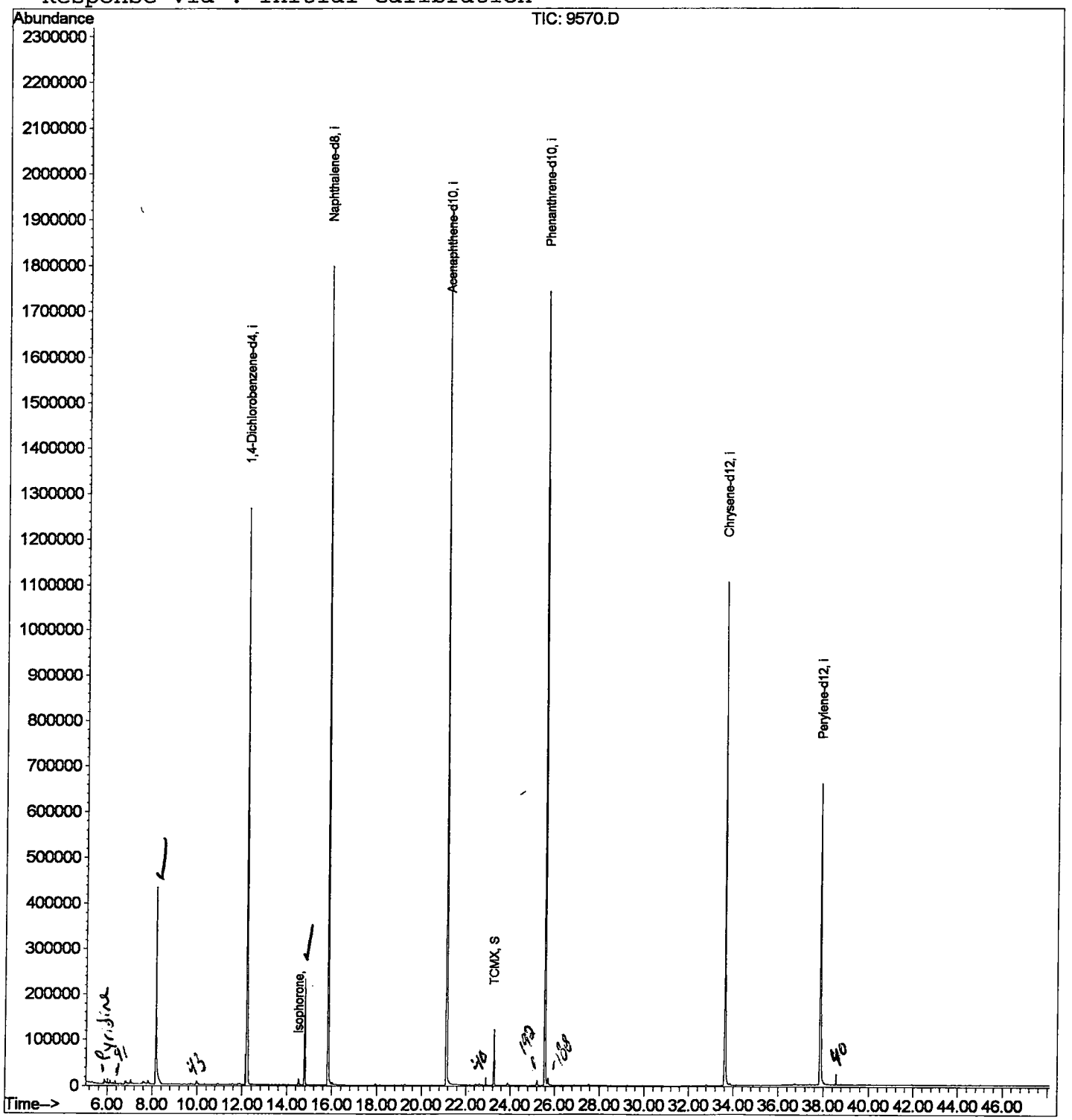
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.64	178	2336	N.D.	
36)	Di-n-butylphthalate	27.55	149	3192	N.D.	
37)	Fluoranthene	29.26	202	1770	N.D.	
39)	Pyrene	29.94	202	1465	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.63	228	4212	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.85	149	2662	N.D.	
43)	Chrysene	0.00	228	0	N.D. d	
45)	Di-n-Octylphthalate	35.59	149	1304	N.D.	
46)	Benzo(b)fluoranthene	0.00	252	0	N.D. d	
47)	Benzo(k)fluoranthene	0.00	252	0	N.D. d	
48)	Benzo(a)pyrene	37.68	252	775	N.D.	
49)	Indeno(1,2,3-cd)pyrene	41.95	276	714	N.D.	
50)	Dibenz(a,h)anthracene	42.00	278	266	N.D.	
51)	Benzo(g,h,i)perylene	43.19	276	713	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY0302\9570.D Vial: 44
Acq On : 5 May 2002 10:09 am Operator:
Sample : GC/MS SCAN 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 7 14:49 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\9570.D Vial: 44
Acq On : 5 May 2002 10:09 am 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

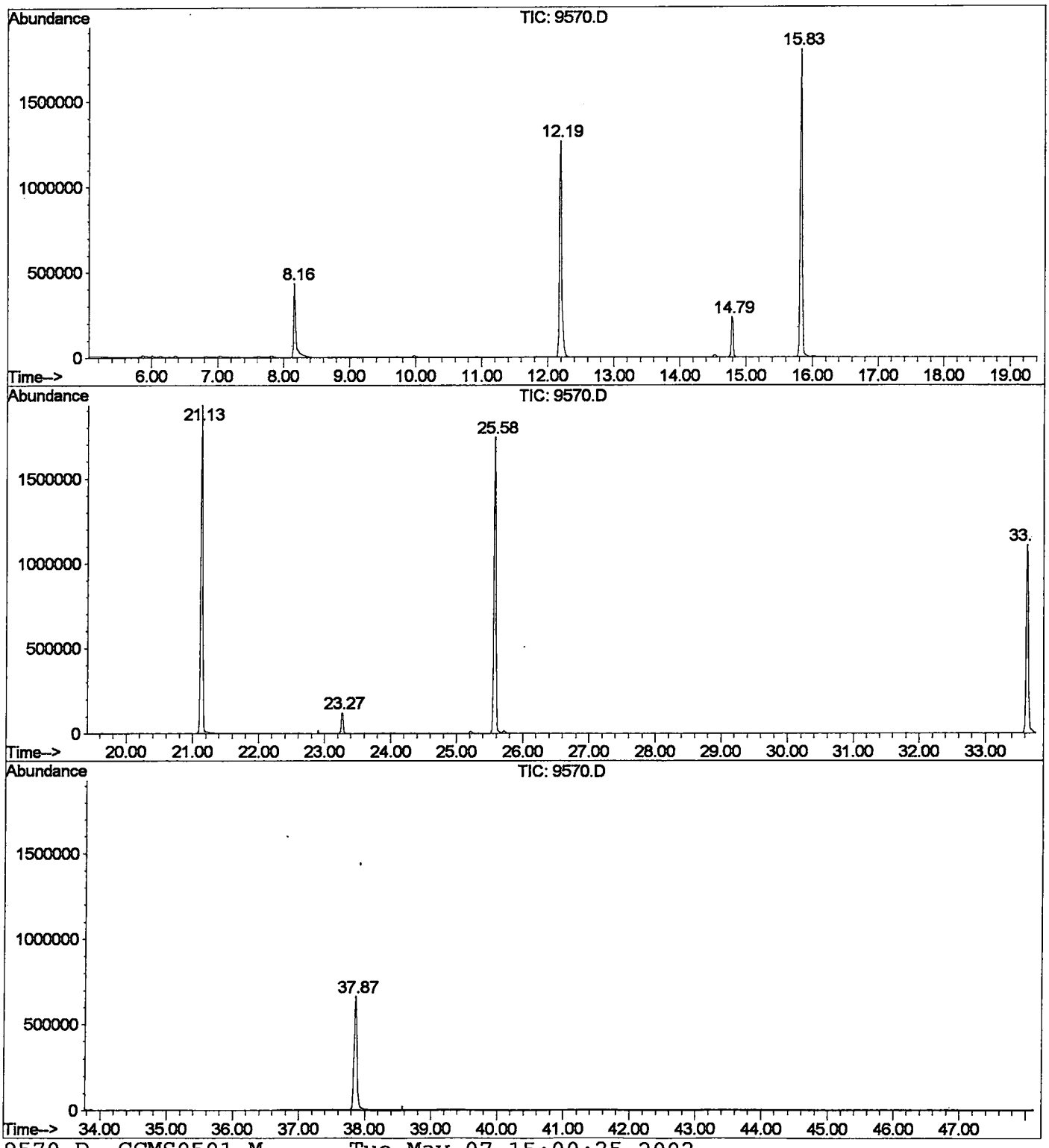
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.158	336	340	368	rBV	430951	989995	24.55%	4.808%
2	12.190	772	780	796	rBV	1266290	2911636	72.21%	14.140%
3	14.792	1057	1064	1070	rBV	232263	462199	11.46%	2.245%
4	15.828	1171	1177	1194	rBV	1795994	3666001	90.92%	17.803%
5	21.133	1749	1756	1775	rBV	1929934	4032166	100.00%	19.581%
6	23.269	1981	1989	1995	rVB	120880	238845	5.92%	1.160%
7	25.578	2234	2241	2252	rBV2	1741504	3738625	92.72%	18.156%
8	33.633	3110	3120	3135	rBV2	1106417	2589657	64.22%	12.576%
9	37.866	3573	3582	3598	rBV2	659530	1962774	48.68%	9.532%

Sum of corrected areas: 20591898

9570.D GCMS0501.M Tue May 07 15:00:24 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0302\9570.D
Operator :
Acquired : 5 May 2002 10:09 am using AcqMethod GCMS0501
Instrument : 209
Sample Name: GC/MS SCAN 4/23
Misc Info :
Vial Number: 44
Quant File :GCMS0501.RES (RTE Integrator)



9570.D GCMS0501.M Tue May 07 15:00:25 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0302\9570.D Vial: 44
Acq On : 5 May 2002 10:09 am Operator:
Sample : GC/MS SCAN 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

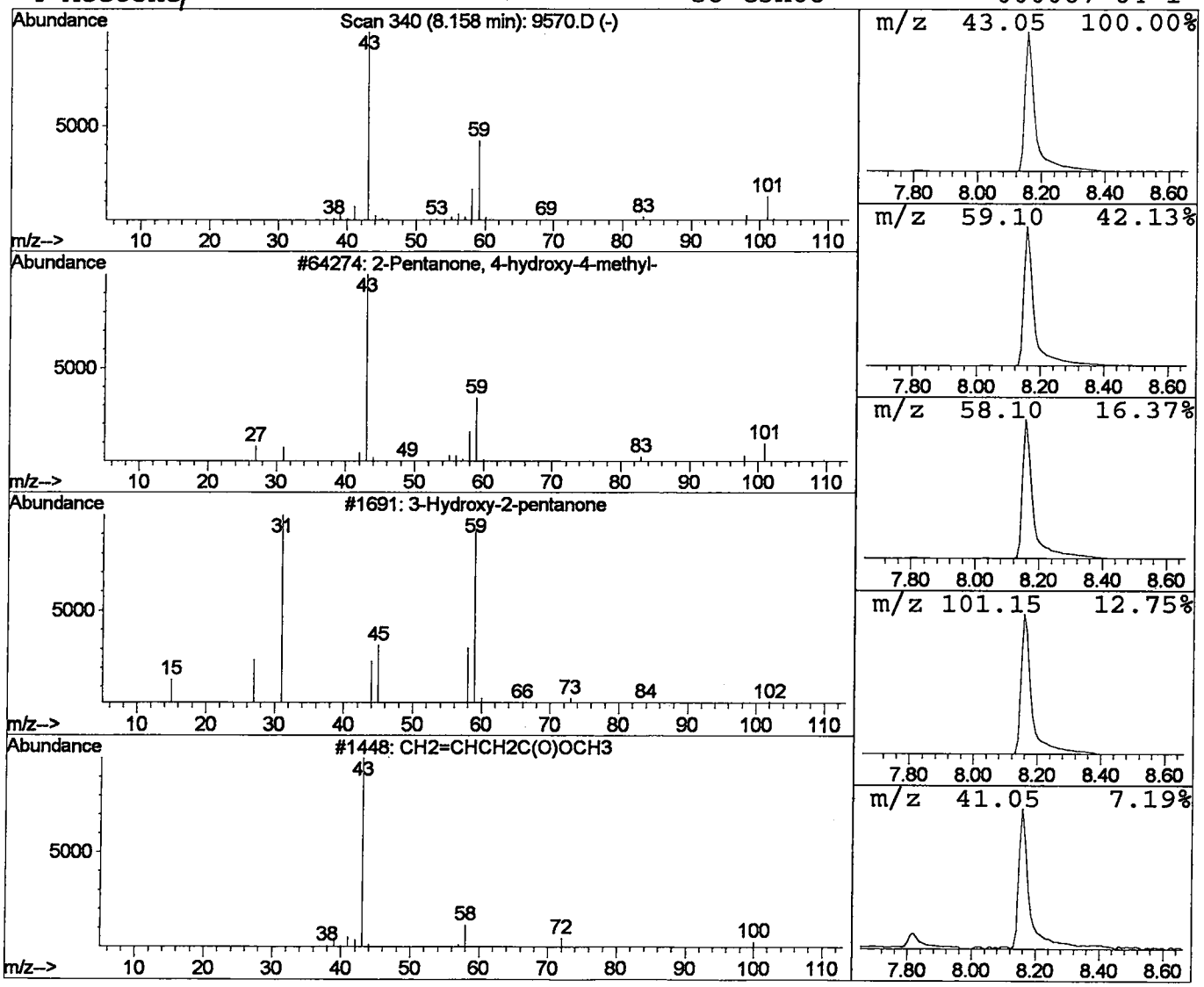
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	13.60 ug/l	989995	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	Acetone	58	C3H6O	000067-64-1	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0302\9570.D Vial: 44
Acq On : 5 May 2002 10:09 am Operator:
Sample : GC/MS SCAN 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

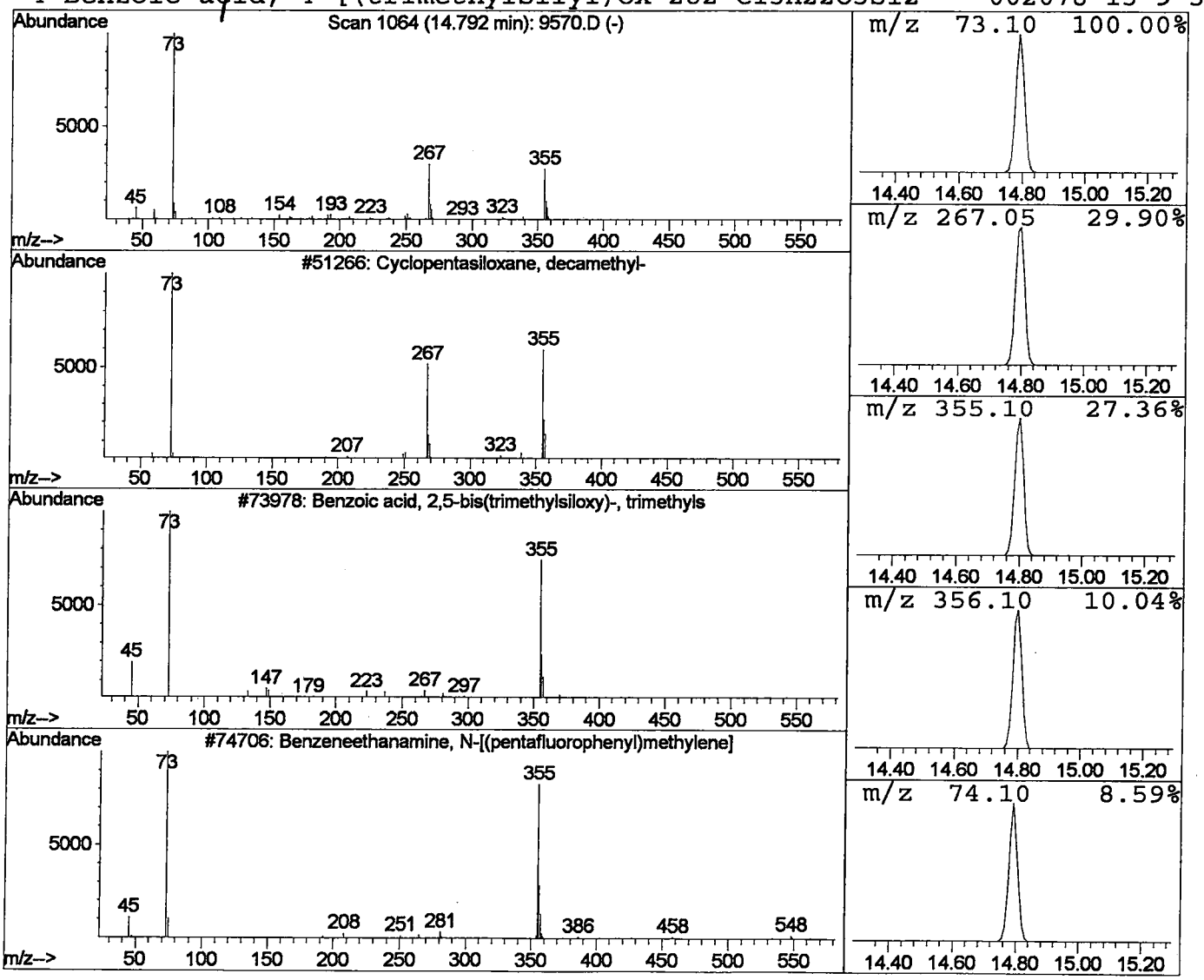
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	5.04 ug/l	462199	Naphthalene-d8	15.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	74
2	Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	38
3	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	38
4	Benzoic acid, 4-[(trimethylsilyl)ox	282	C13H22O3Si2	002078-13-9	37



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 5 May 2002 10:09 am
Data File: C:\HPCHEM\1\DATA\MAY0302\9570.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	13.6	ug/l	989995	ISTD01	12.19	2911640	40.0
Cyclopentasiloxane,	14.79	5.0	ug/l	462199	ISTD02	15.83	3666000	40.0

9570.D GCMS0501.M Tue May 07 15:00:27 2002