Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0302\9518.D Vial: 19
Acq On : 4 May 2002 7:42 am Operator:
Sample : GC/MS SCAN 4/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 7 9:27 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	472962	40.00	ug/l	-0.02
10) Naphthalene-d8	15.82	136	1749898	40.00	ug/l	-0.03
17) Acenaphthene-d10	21.14	164	935931	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.57	188	1327255	40.00	ug/l	-0.02
38) Chrysene-d12	33.64	240	872425	40.00	ug/l	-0.03
44) Perylene-d12	37.87	264	604695	40.00	ug/l	-0.01
System Monitoring Compounds						
28) TCMX	23.27	209	11532	2.53	ug/L	-0.02
Spiked Amount 10.000			Recovery = 25.30%			
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	175	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	1185	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	263	N.D.		

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

Data File : C:\HPCHEM\1\DATA\MAY0302\9518.D Vial: 19
Acq On : 4 May 2002 7:42 am Operator:
Sample : GC/MS SCAN 4/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 7 9:27 2002 Quant Results File: GCMS0501.RES

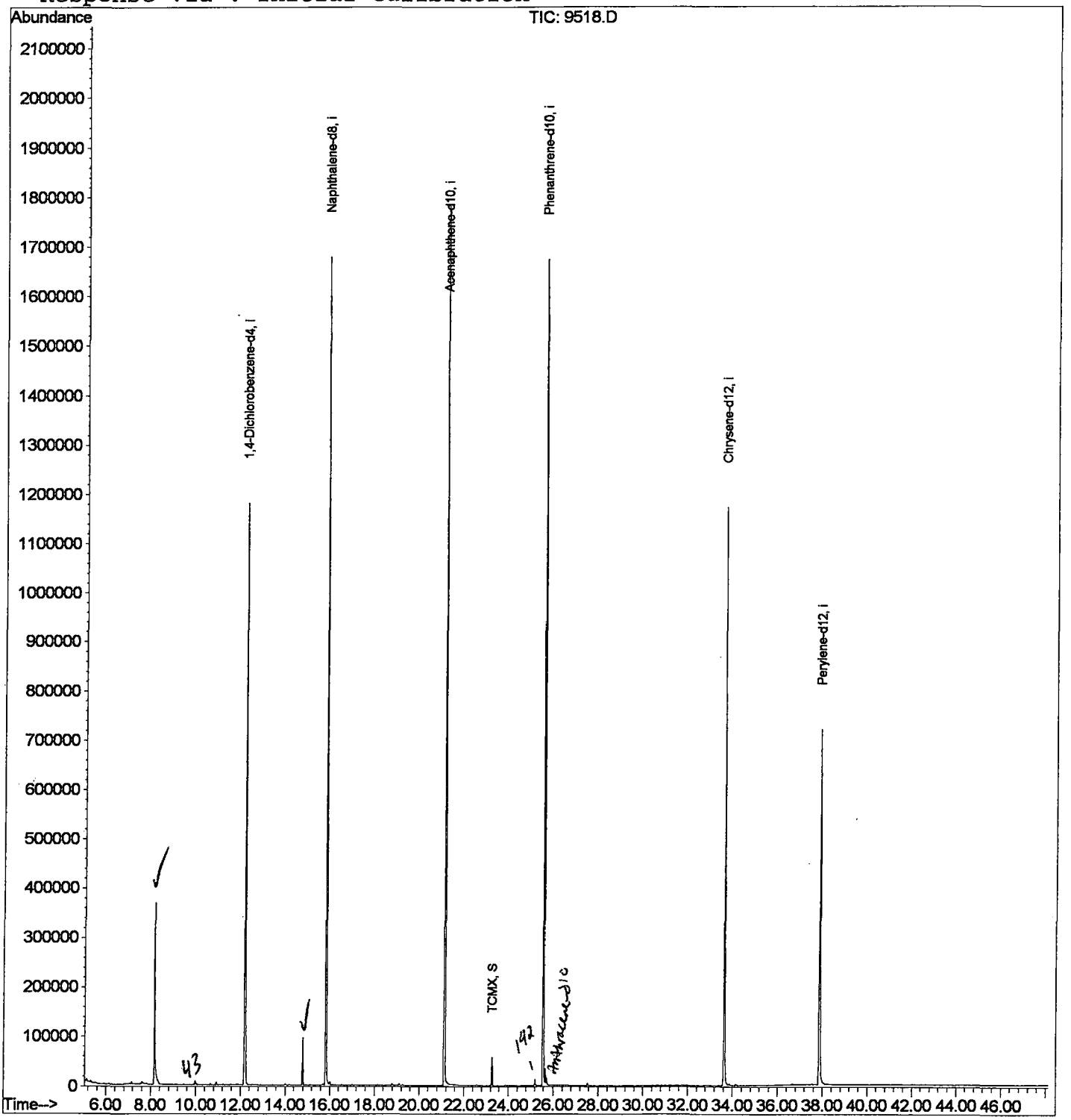
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.57	178	263	N.D.	
36)	Di-n-butylphthalate	27.54	149	6213	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	2154	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.86	149	1635	N.D.	
43)	Chrysene	33.64	228	2468	N.D.	
45)	Di-n-Octylphthalate	35.60	149	435	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	37.87	252	2529	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

Data File : C:\HPCHEM\1\DATA\MAY0302\9518.D Vial: 19
Acq On : 4 May 2002 7:42 am Operator:
Sample : GC/MS SCAN 4/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 7 9:27 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



Data File : C:\HPCHEM\1\DATA\MAY0302\9518.D Vial: 19
Acq On : 4 May 2002 7:42 am Operator:
Sample : GC/MS SCAN 4/22 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

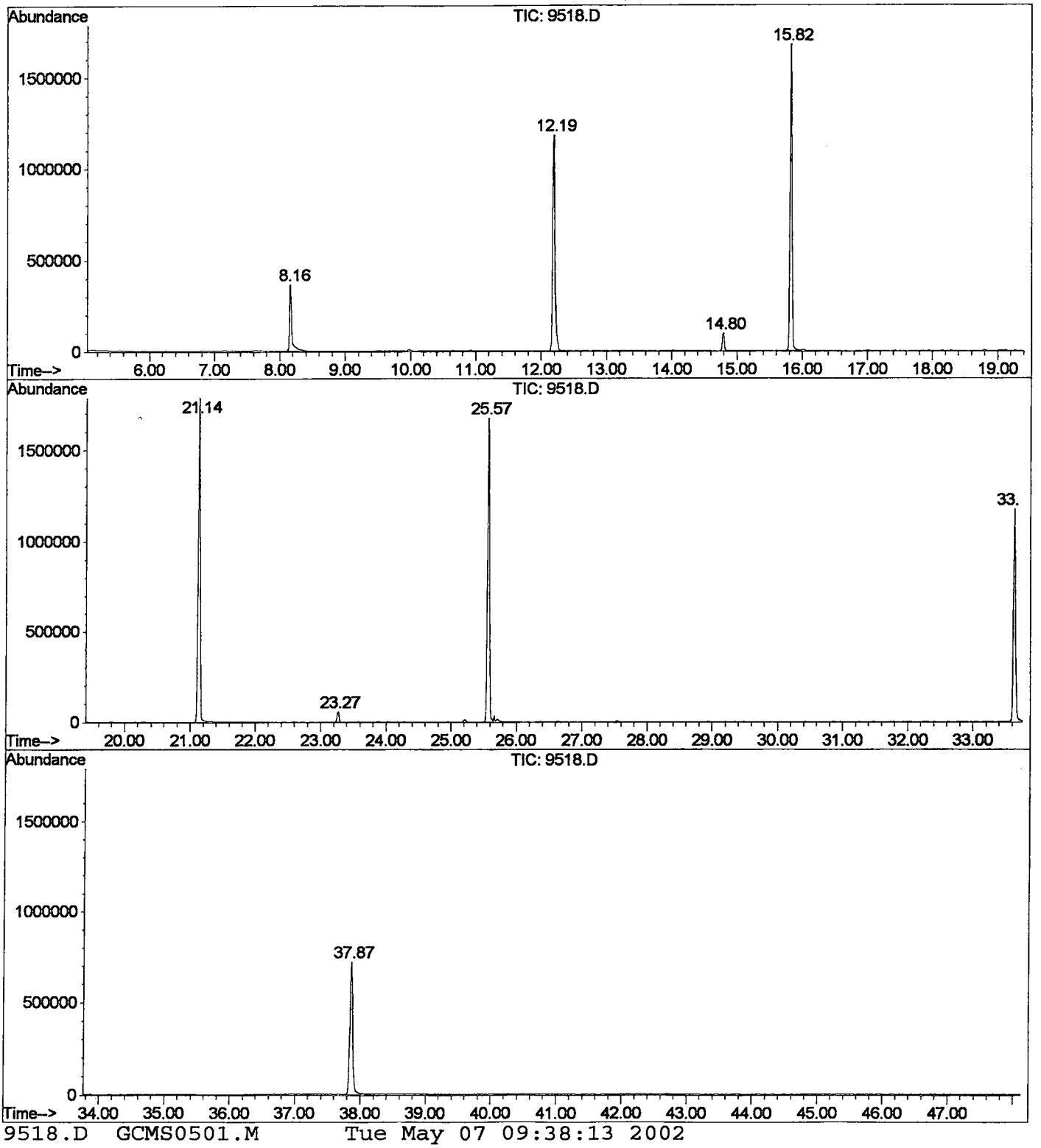
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.163	337	341	367	rVB	364393	862407	22.50%	4.415%
2	12.195	775	781	797	rVB	1179136	2738736	71.45%	14.021%
3	14.797	1059	1065	1072	rVB	94675	186535	4.87%	0.955%
4	15.823	1171	1177	1195	rBV	1676381	3494458	91.17%	17.890%
5	21.138	1750	1757	1771	rBV	1785072	3832839	100.00%	19.623%
6	23.273	1985	1990	1994	rVB	56187	109242	2.85%	0.559%
7	25.574	2234	2241	2250	rBV2	1672727	3569315	93.12%	18.274%
8	33.637	3114	3121	3136	rBV2	1172477	2614197	68.21%	13.384%
9	37.871	3574	3583	3598	rBV2	718609	2124856	55.44%	10.879%

Sum of corrected areas: 19532585

9518.D GCMS0501.M Tue May 07 09:38:12 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0302\9518.D
Operator :
Acquired : 4 May 2002 7:42 am using AcqMethod GCMS0501
Instrument : 209
Sample Name: GC/MS SCAN 4/22
Misc Info :
Vial Number: 19
Quant File :GCMS0501.RES (RTE Integrator)



9518.D GCMS0501.M Tue May 07 09:38:13 2002

Data File : C:\HPCHEM\1\DATA\MAY0302\9518.D Vial: 19
Acq On : 4 May 2002 7:42 am Operator:
Sample : GC/MS SCAN 4/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

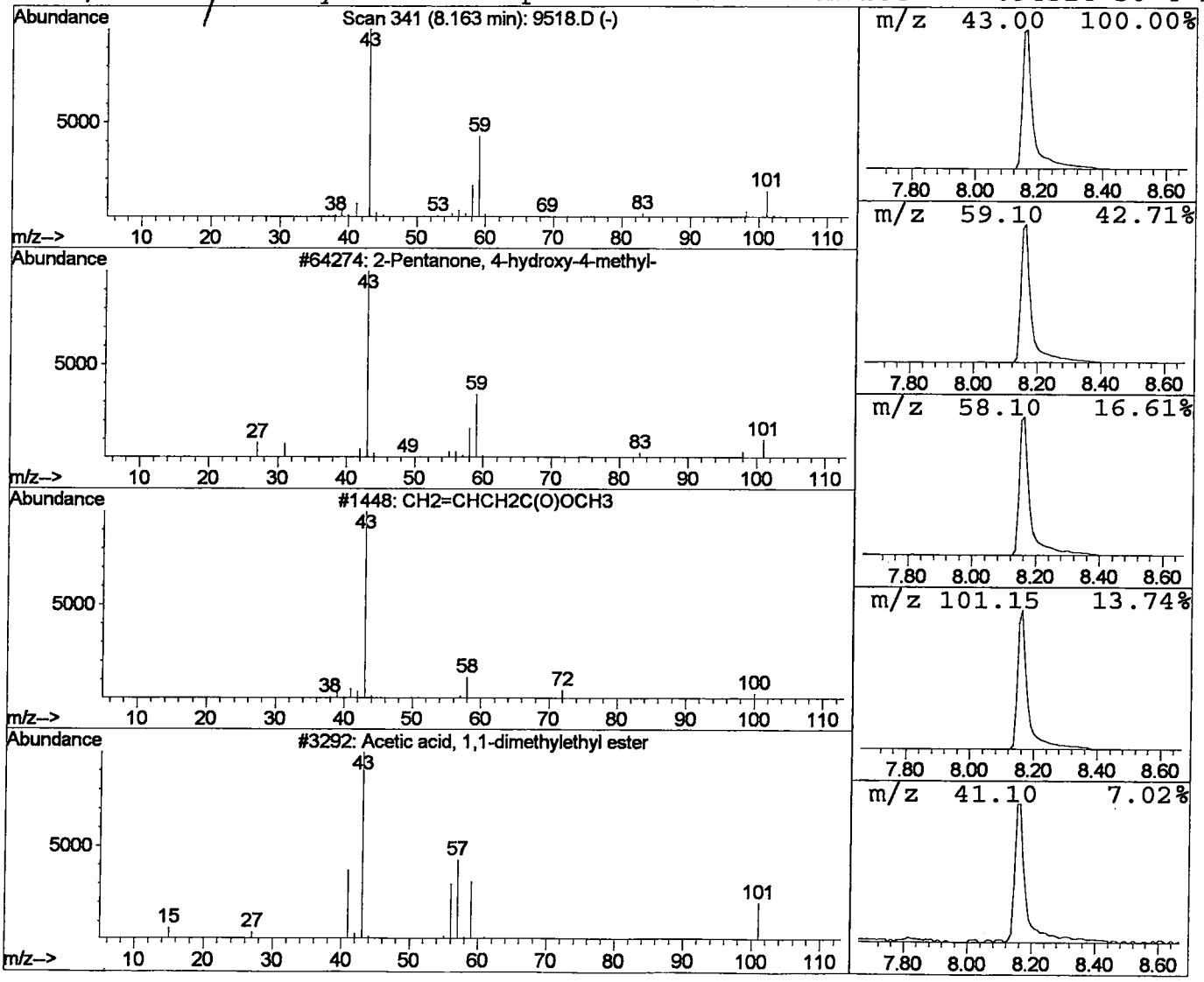
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	12.60 ug/l	862407	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	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
3	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	9
4	N,N'-Bis(2-methyl-2-nitrosopentan-4	258	C12H22N2O4	094514-30-4	9



Data File : C:\HPCHEM\1\DATA\MAY0302\9518.D Vial: 19
Acq On : 4 May 2002 7:42 am Operator:
Sample : GC/MS SCAN 4/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

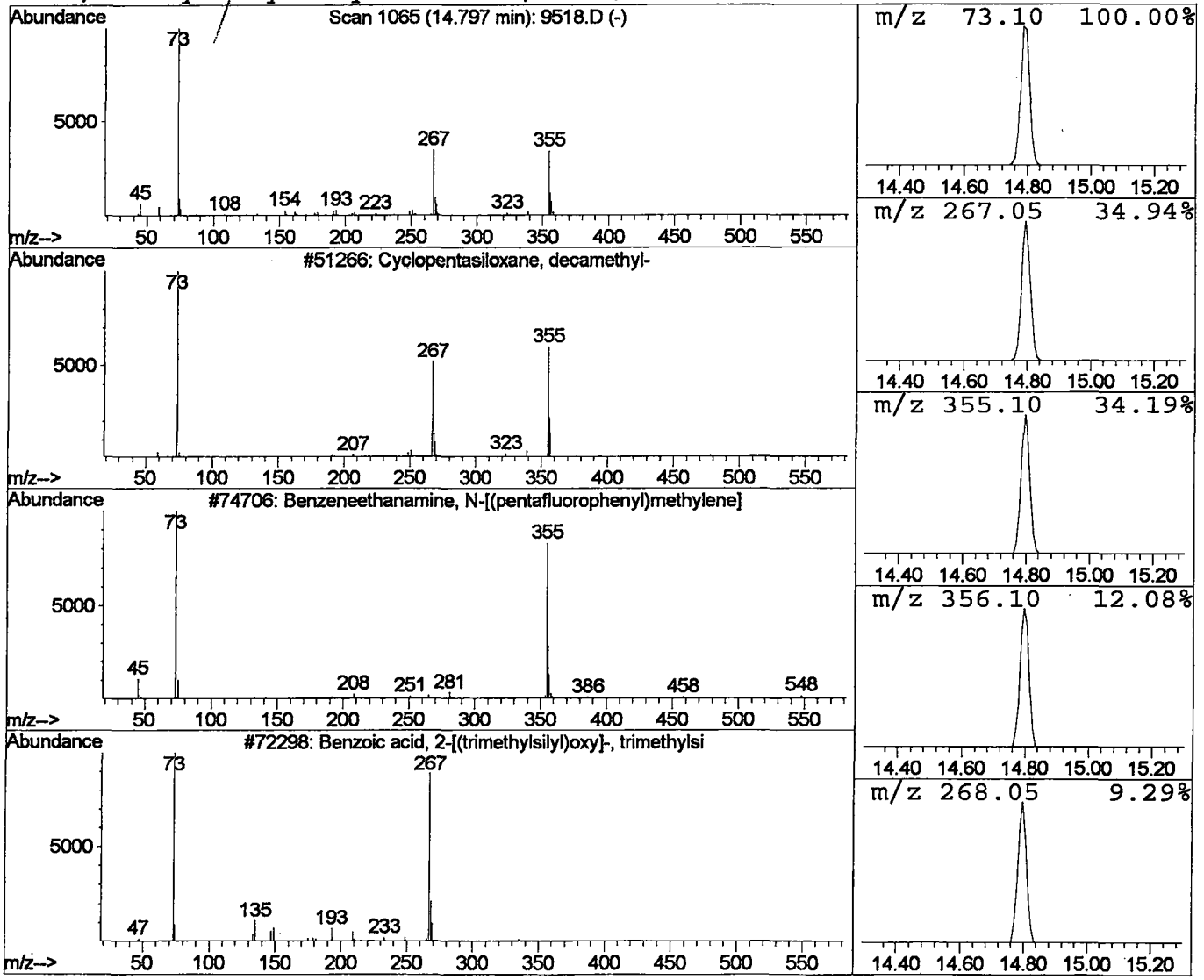
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	2.14 ug/l	186535	Naphthalene-d8	15.82

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



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 4 May 2002 7:42 am
Data File: C:\HPCHEM\1\DATA\MAY0302\9518.D
Name: GC/MS SCAN 4/22
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	12.6	ug/l	862407	ISTD01	12.19	2738740	40.0
Cyclopentasiloxane,	14.80	2.1	ug/l	186535	ISTD02	15.82	3494460	40.0

9518.D GCMS0501.M Tue May 07 09:38:15 2002