Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2502\4386.D Vial: 13
Acq On : 25 Mar 2002 10:02 pm Operator:
Sample : gc/ms scan 2/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 28 11:54 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Mar 26 14:13:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

NT needed

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.26	152	452095	20.00	ug/l	-0.10
10) Naphthalene-d8	15.89	136	1734069	20.00	ug/l	-0.11
17) Acenaphthene-d10	21.20	164	938846	20.00	ug/l	-0.12
29) Phenanthrene-d10	25.63	188	1324316	20.00	ug/l	-0.13
38) Chrysene-d12	33.69	240	700726	20.00	ug/l	-0.15
44) Perylene-d12	37.93	264	422005	20.00	ug/l	-0.19
System Monitoring Compounds						
37) 2,4-DDD	30.71	235	92845	5.63 ~~8.56~~	ug/mL	0.21
Spiked Amount 5.000			Recovery =	~~171.20%~~ 101%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.54	74	172	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	15.94	128	222	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	22.67	149	1526	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		

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

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Last Update : Tue Mar 26 14:13:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.63	178	263	N.D.	
34)	Anthracene	25.63	178	263	N.D.	
35)	Di-n-butylphthalate	27.61	149	5739	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	32.13	149	404	N.D.	
41)	Benzo(a)anthracene	33.69	228	2236	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.91	149	14396	0.51 ug/l #	87
43)	Chrysene	33.76	228	745	N.D.	
45)	Di-n-Octylphthalate	35.64	149	1560	N.D.	
46)	Benzo(b)fluoranthene	36.76	252	1106	N.D.	
47)	Benzo(k)fluoranthene	36.82	252	1282	N.D.	
48)	Benzo(a)pyrene	37.72	252	621	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

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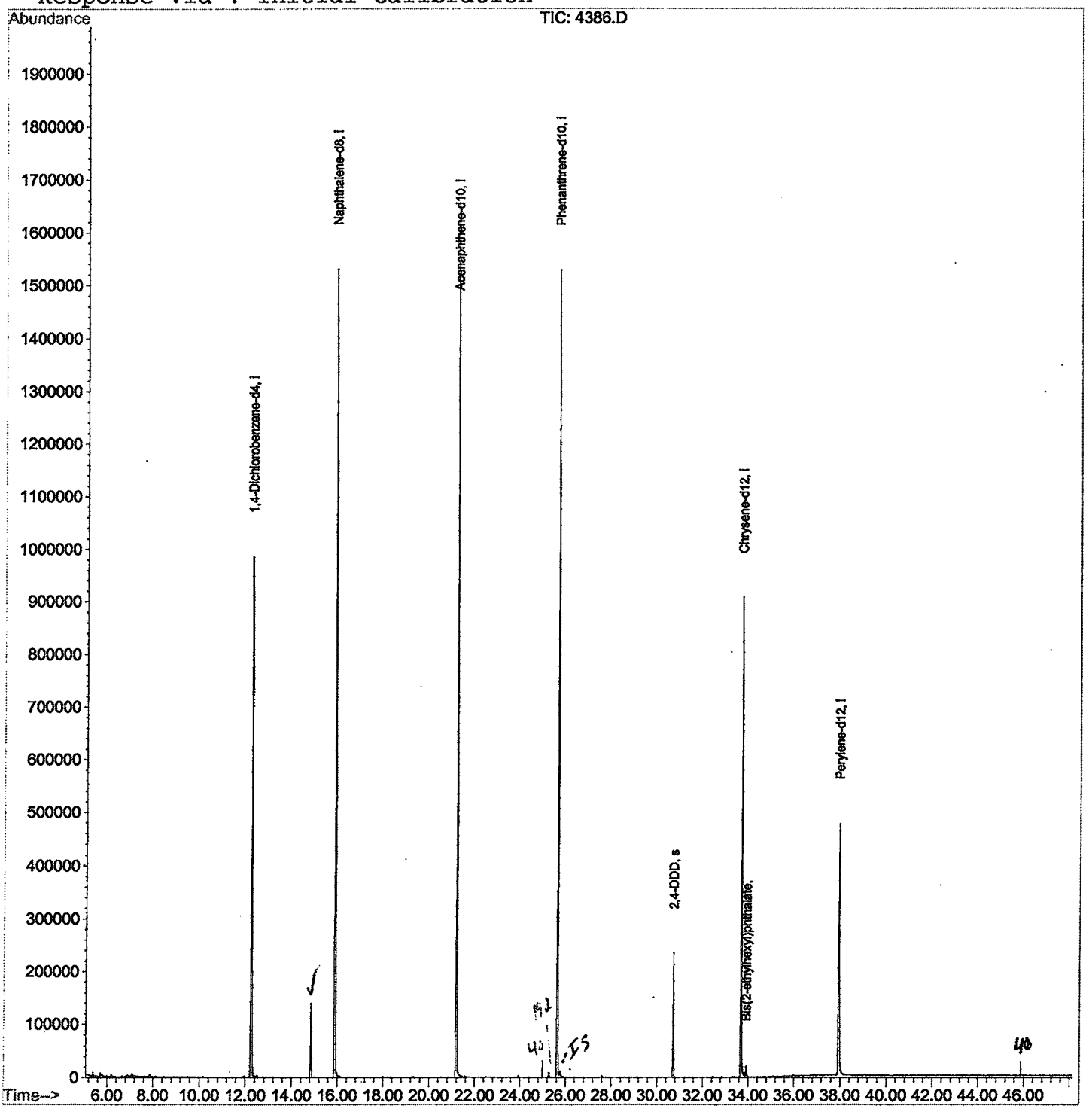
Sample : gc/ms scan 2/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 28 11:54 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Mar 26 14:13:06 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR2502\4386.D Vial: 13
Acq On : 25 Mar 2002 10:02 pm Operator:
Sample : gc/ms scan 2/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0308.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

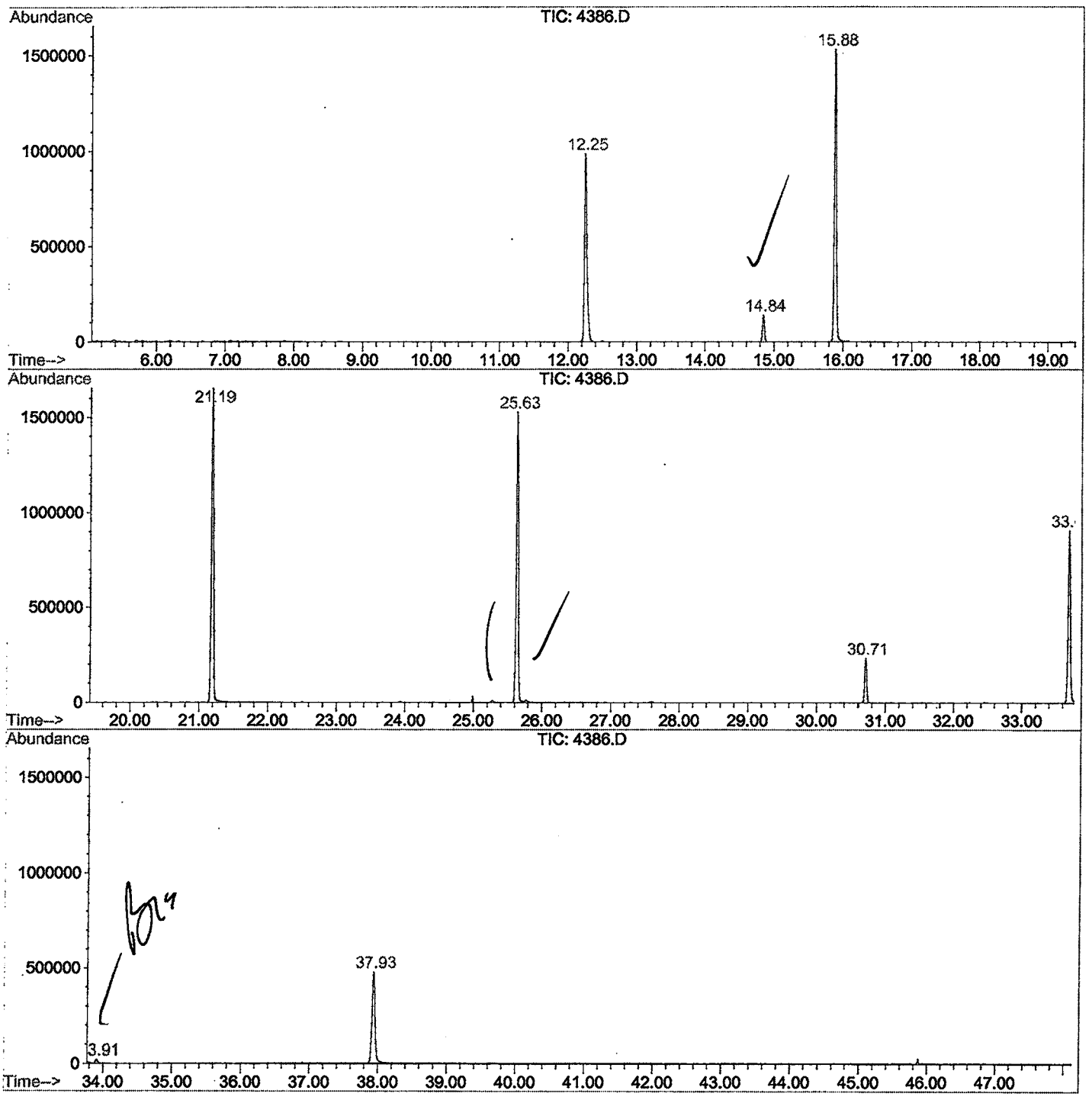
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.247	779	784	802	rVB	984371	2453316	68.85%	14.545%
2	14.845	1062	1067	1074	rVB	139815	271369	7.62%	1.609%
3	15.882	1174	1180	1198	rBV	1531001	3259812	91.48%	19.326%
4	21.188	1752	1758	1774	rBV	1655530	3563496	100.00%	21.127%
5	25.632	2236	2242	2253	rBV2	1529028	3320201	93.17%	19.684%
6	30.708	2790	2795	2802	rBV	235150	464850	13.04%	2.756%
7	33.692	3112	3120	3134	rBV2	909171	2033857	57.07%	12.058%
8	33.912	3139	3144	3153	rVB	20653	47280	1.33%	0.280%
9	37.933	3574	3582	3601	rBV2	474910	1453027	40.78%	8.615%

Sum of corrected areas: 16867208

4386.D GCMS0308.M Thu Mar 28 12:29:23 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2502\4386.D
Operator :
Acquired : 25 Mar 2002 10:02 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/28
Misc Info :
Vial Number: 13
Quant File :GCMS0308.RES (RTE Integrator)



4386.D GCMS0308.M Thu Mar 28 12:29:29 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2502\4386.D Vial: 13
Acq On : 25 Mar 2002 10:02 pm Operator:
Sample : gc/ms scan 2/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

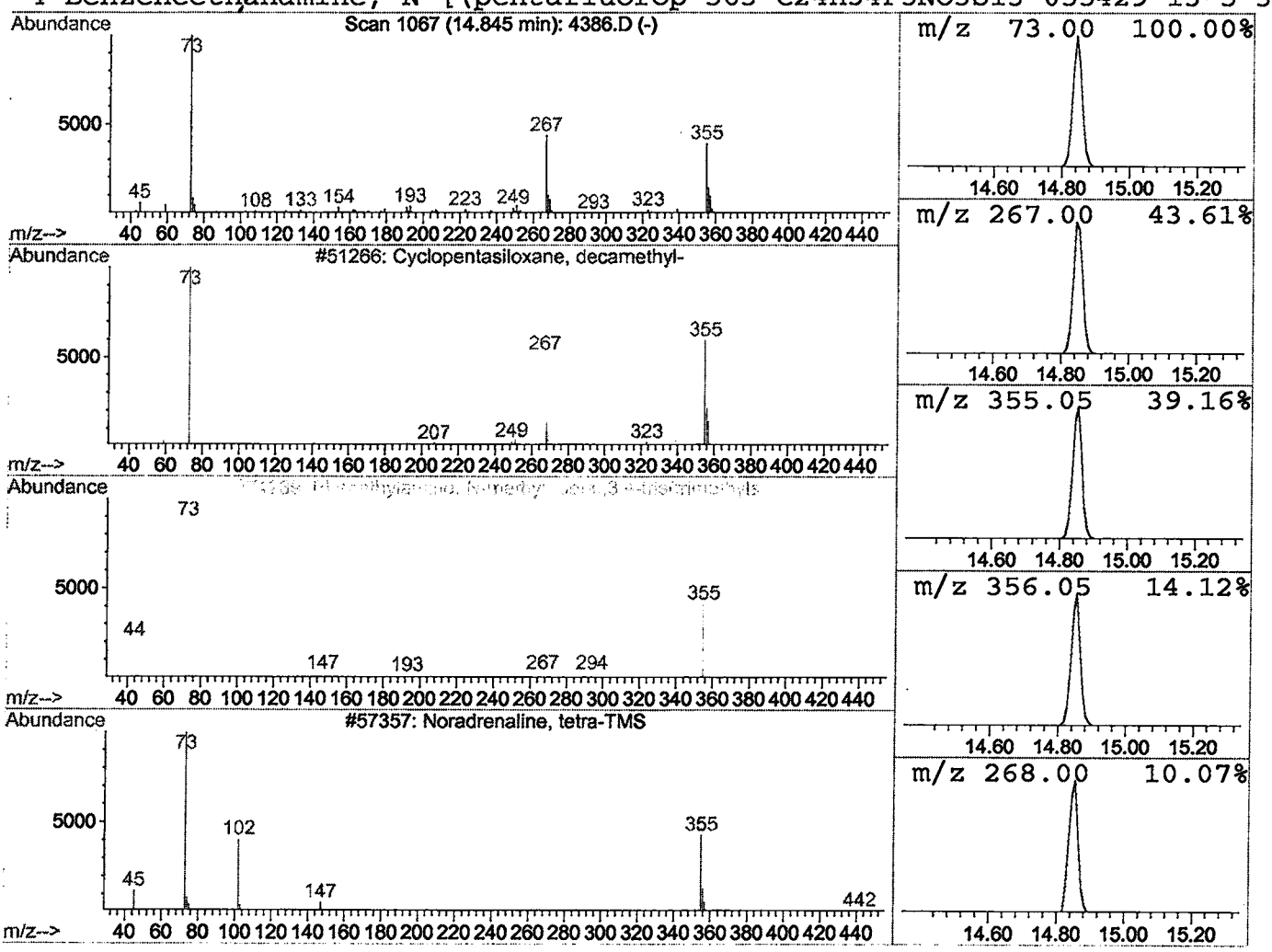
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclopentasiloxane, decamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	1.66 ug/l	271369	Naphthalene-d8	15.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	68
2	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	38
3	Noradrenaline, tetra-TMS	457	C20H43NO3Si4	000000-00-0	37
4	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	37



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 25 Mar 2002 10:02 pm
Data File: C:\HPCHEM\1\DATA\MAR2502\4386.D
Name: gc/ms scan 2/28
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0308.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
Cyclopentasiloxane,	14.84	1.7	ug/l	271369	ISTD02	15.89	3259810	20.0

4386.D GCMS0308.M Thu Mar 28 12:29:38 2002