Quantitation Report (Qedit)

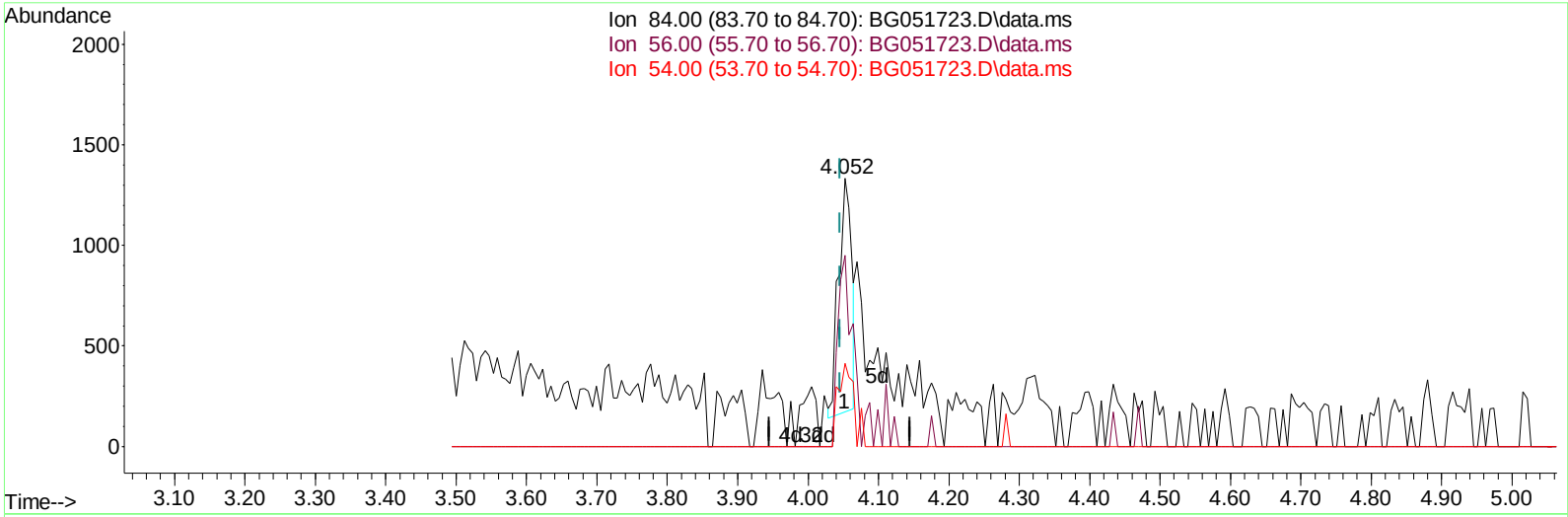
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051723.D
Acq On : 21 Dec 2021 19:37
Operator : CG/JU
Sample : M5153-08DL 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

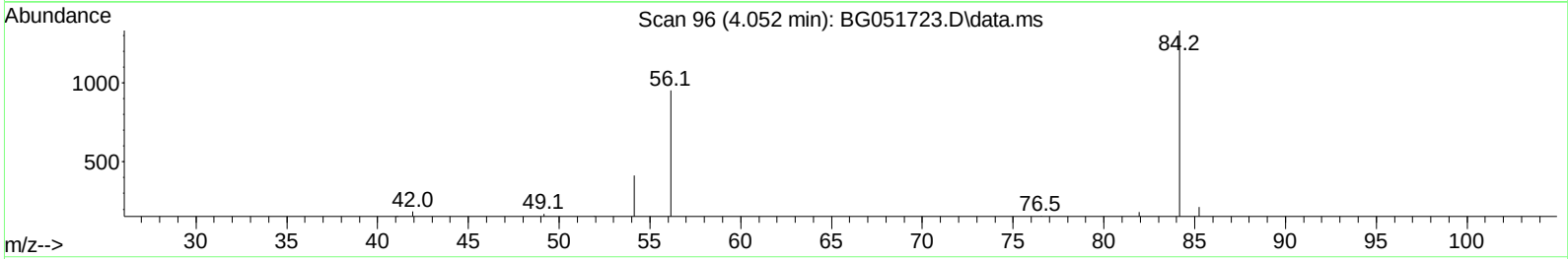
Quant Time: Dec 21 23:12:11 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 14:19:57 2021
Response via : Initial Calibration

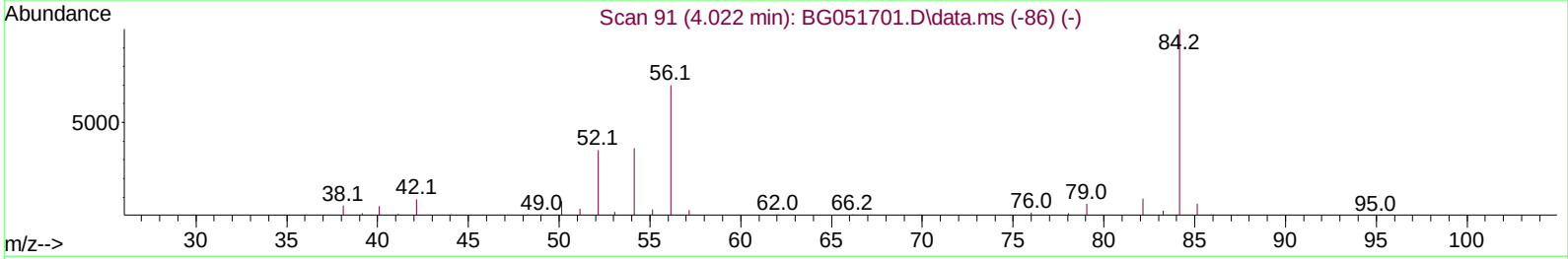
Instrument :
BNA_G
ClientSampleId :
BGL73DL

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/28/2021







TIC: BG051723.D\data.ms

(4) Pyridine-d5 (S)

4.052min (+ 0.007) 0.43 ng/ul

response 1503

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	68.00	71.40
54.00	31.50	31.08
0.00	0.00	0.00

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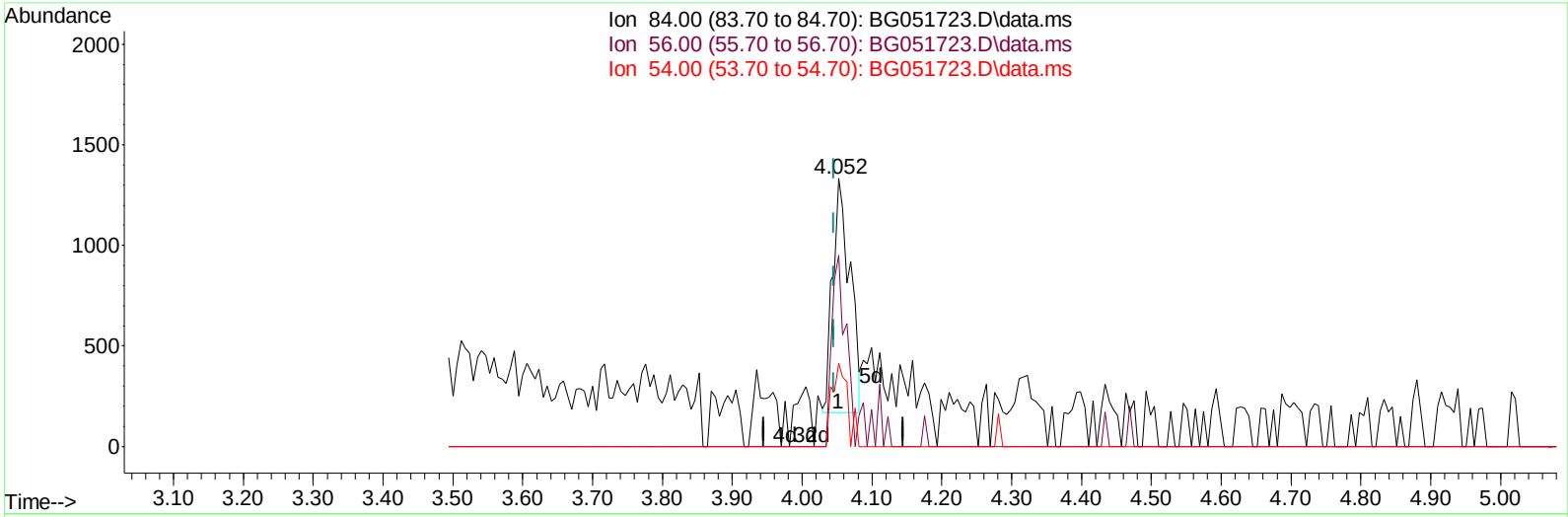

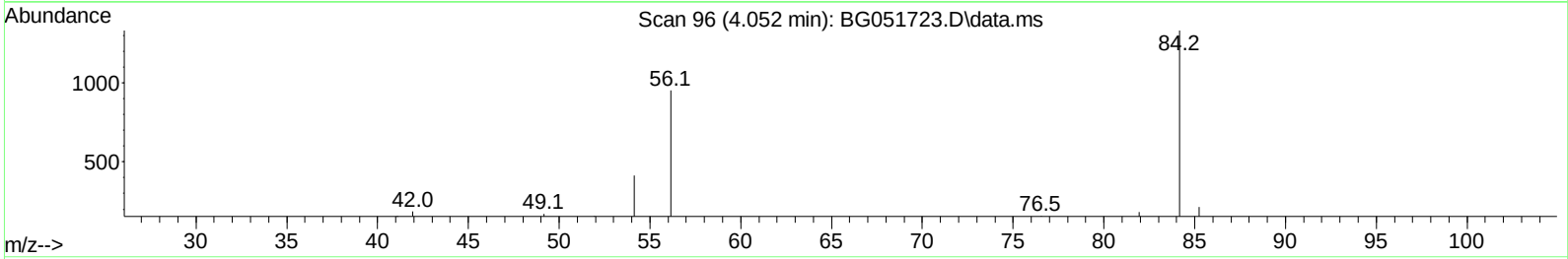

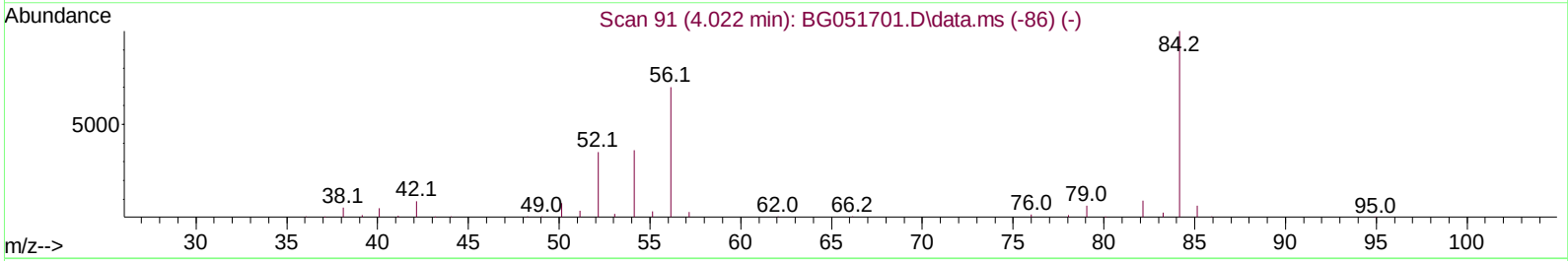

TIC: BG051723.D\data.ms

(4) Pyridine-d5 (S)

4.052min (+ 0.007) 0.58 ng/ul m

response 2024

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	68.00	71.40
54.00	31.50	31.08
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	47718	20.000	ng/ul	-0.02
20) Naphthalene-d8	11.113	136	198053	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.908	164	132664	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.657	188	296485	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.975	240	280064	20.000	ng/ul	#-0.01
88) Perylene-d12	25.476	264	296433	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.600	96	804	0.700	ng/uL	0.00
4) Pyridine-d5	4.052	84	2024m	0.583	ng/ul	0.00
7) Phenol-d5	7.401	99	15571	3.655	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.577	67	9104	3.594	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.794	132	11267	3.802	ng/ul	-0.02
15) 4-Methylphenol-d8	8.963	113	11524	3.499	ng/ul	-0.02
21) Nitrobenzene-d5	9.445	128	6143	4.231	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.173	143	6368	4.012	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.720	165	12506	3.633	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.236	131	6845	1.510	ng/ul	0.00
46) Dimethylphthalate-d6	14.297	166	41609	3.919	ng/ul	-0.02
49) Acenaphthylene-d8	14.603	160	47889	3.631	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.067	143	4776	2.766	ng/ul	-0.01
60) Fluorene-d10	15.895	176	36554	3.842	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.751	188	58062	4.105	ng/ul	-0.01
81) Pyrene-d10	20.030	212	62955	3.735	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.229	264	58174	3.730	ng/ul	-0.02
Target Compounds						Qvalue
30) Naphthalene	11.160	128	200635	18.803	ng/ul	97
36) 2-Methylnaphthalene	12.764	142	1717832	225.666	ng/ul	100
37) 1-Methylnaphthalene	12.975	142	697267	88.217	ng/ul	96
43) 1,1'-Biphenyl	13.745	154	403202	39.677	ng/ul	96
52) Acenaphthene	14.973	153	190098	22.302	ng/ul	97
56) Dibenzofuran	15.302	168	435364	34.681	ng/ul	97
61) Fluorene	15.954	166	200684	19.402	ng/ul	98
72) Phenanthrene	17.698	178	90237	5.917	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.840	149	93245	10.367	ng/ul#	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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