Quantitation Report (Qedit)

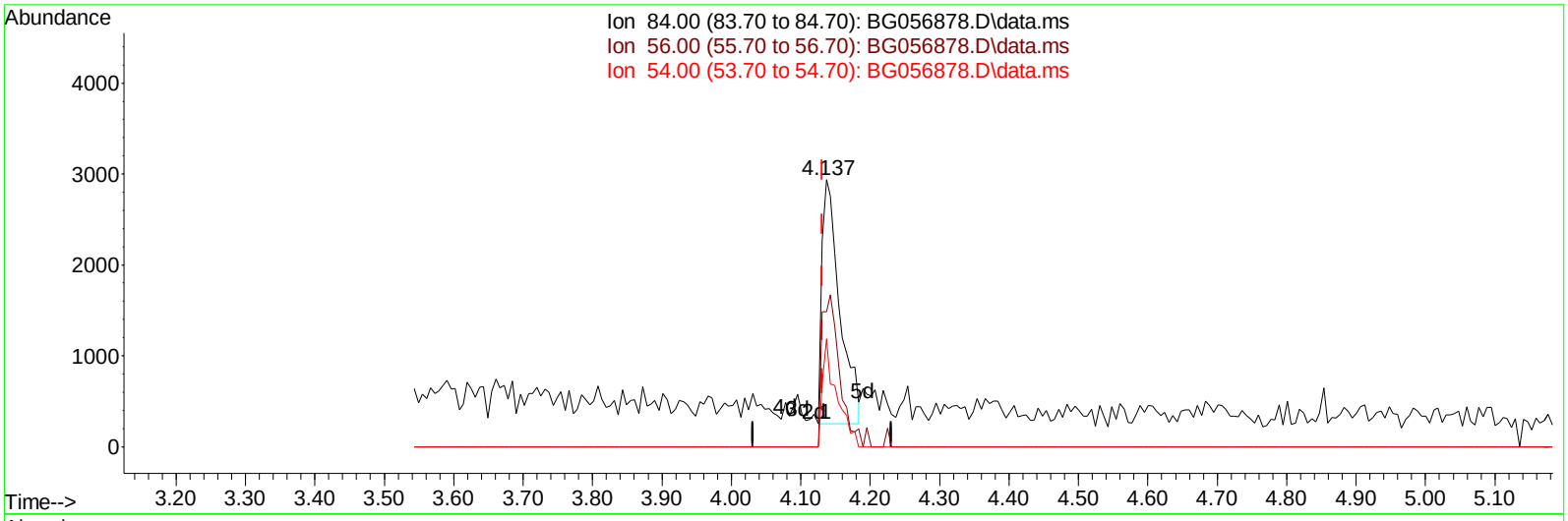
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030823\
Data File : BG056878.D
Acq On : 8 Mar 2023 12:13
Operator : CG/JU
Sample : 01784-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

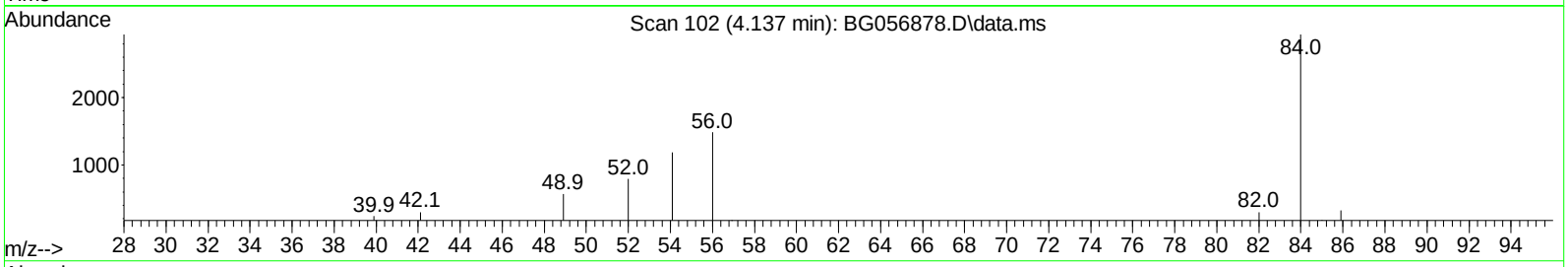
Quant Time: Mar 08 13:29:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 07 23:54:44 2023
Response via : Initial Calibration

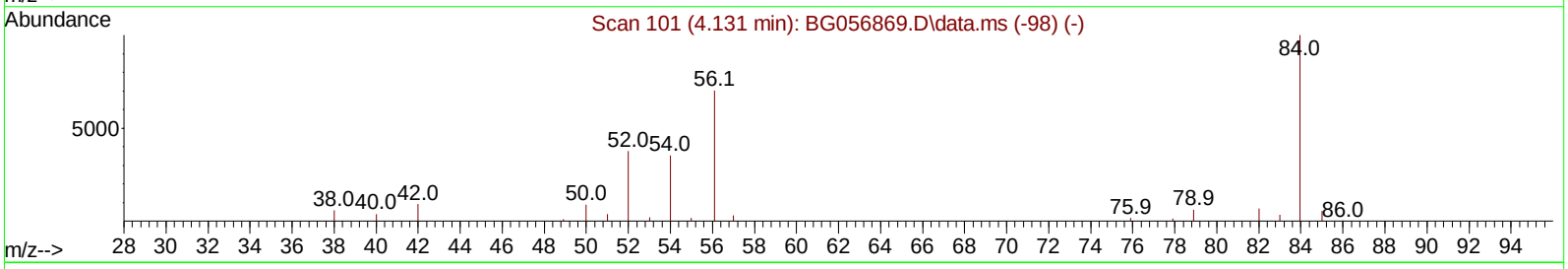
Instrument :
BNA_G
ClientSampleId :
DCAD0

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023







TIC: BG056878.D\data.ms

(4) Pyridine-d5 (S)

4.137min (+ 0.005) 4.27 ng/ul

response 4788

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	69.50	50.54#
54.00	34.90	40.50
0.00	0.00	0.00

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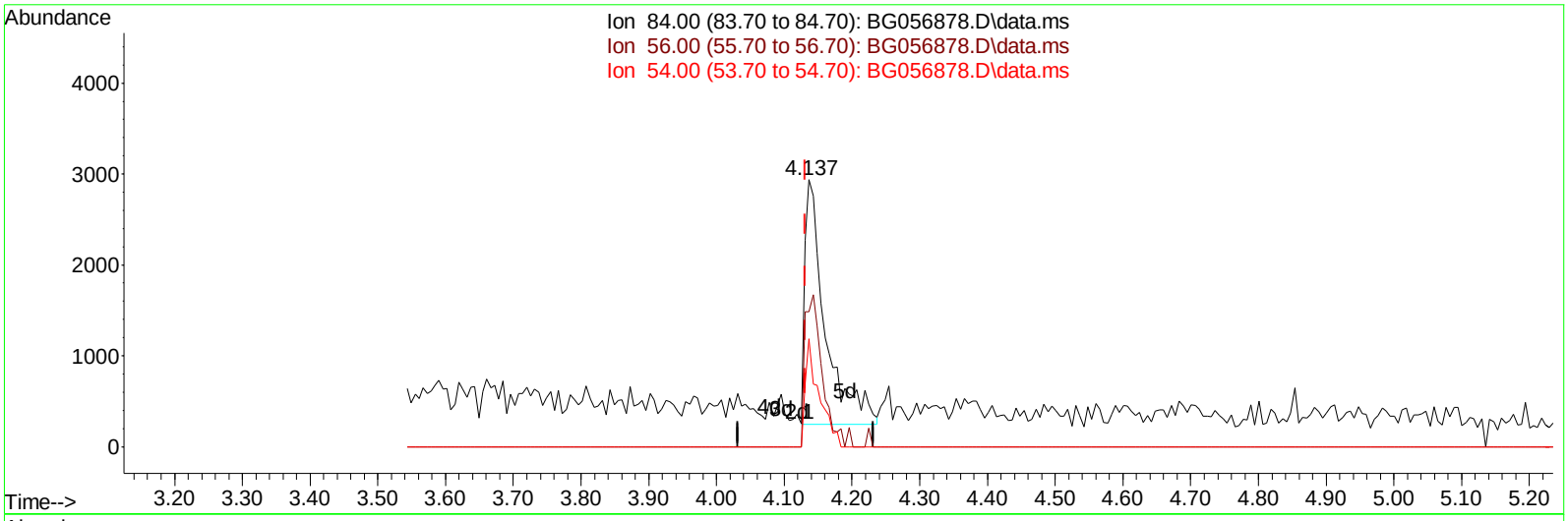

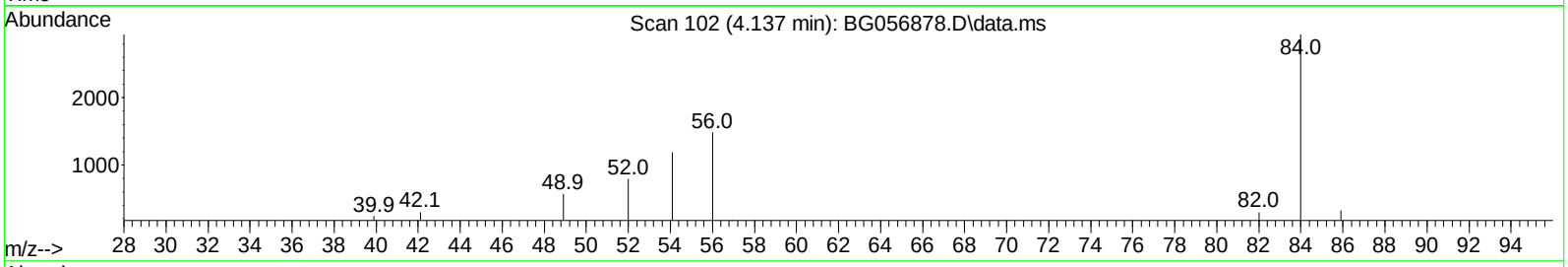

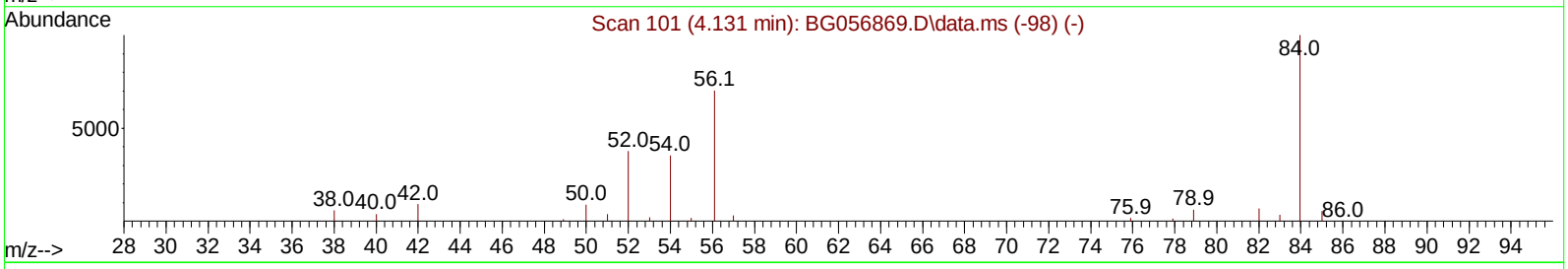

TIC: BG056878.D\data.ms

(4) Pyridine-d5 (S)

4.137min (+ 0.005) 5.05 ng/ul m

response 5665

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	69.50	50.54#
54.00	34.90	40.50
0.00	0.00	0.00

Quantitation Report (QT/LSC Reviewed)

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.420	152	13373	20.000	ng/ul	0.00
20) Naphthalene-d8	11.258	136	54461	20.000	ng/ul	0.00
38) Acenaphthene-d10	15.030	164	44403	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.774	188	128229	20.000	ng/ul	0.00
79) Chrysene-d12	22.098	240	128679	20.000	ng/ul	-0.01
88) Perylene-d12	25.647	264	138976	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.714	96	5034	14.598	ng/uL	0.02
4) Pyridine-d5	4.137	84	5665m	5.050	ng/ul	0.00
7) Phenol-d5	7.533	99	7433	5.423	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.721	67	21928	25.470	ng/ul	0.00
11) 2-Chlorophenol-d4	7.938	132	17906	20.874	ng/ul	0.00
15) 4-Methylphenol-d8	9.107	113	12823	12.399	ng/ul	0.00
21) Nitrobenzene-d5	9.595	128	12602	27.899	ng/ul	0.00
24) 2-Nitrophenol-d4	10.318	143	14942	27.962	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.864	165	24342	23.517	ng/ul	0.00
31) 4-Chloroaniline-d4	11.381	131	28152	20.641	ng/ul	0.00
46) Dimethylphthalate-d6	14.419	166	119592	31.488	ng/ul	0.00
49) Acenaphthylene-d8	14.730	160	116997	28.055	ng/ul	0.00
54) 4-Nitrophenol-d4	15.188	143	4441	6.900	ng/ul	-0.01
60) Fluorene-d10	16.017	176	104754	29.743	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.117	200	25897	27.945	ng/ul	0.00
73) Anthracene-d10	17.874	188	202484	32.672	ng/ul	0.00
81) Pyrene-d10	20.136	212	264771	33.781	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.406	264	253518	33.315	ng/ul	-0.01
Target Compounds						Qvalue
30) Naphthalene	11.311	128	198070	65.840	ng/ul	99
36) 2-Methylnaphthalene	12.885	142	18981	8.771	ng/ul	96
37) 1-Methylnaphthalene	13.103	142	16282	7.530	ng/ul	98
52) Acenaphthene	15.094	153	22028	7.473	ng/ul	98
56) Dibenzofuran	15.423	168	15438	3.426	ng/ul	97
61) Fluorene	16.076	166	8451	2.355	ng/ul	93
77) Carbazole	18.167	167	54598	9.152	ng/ul	97

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

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