Quantitation Report (Qedit)

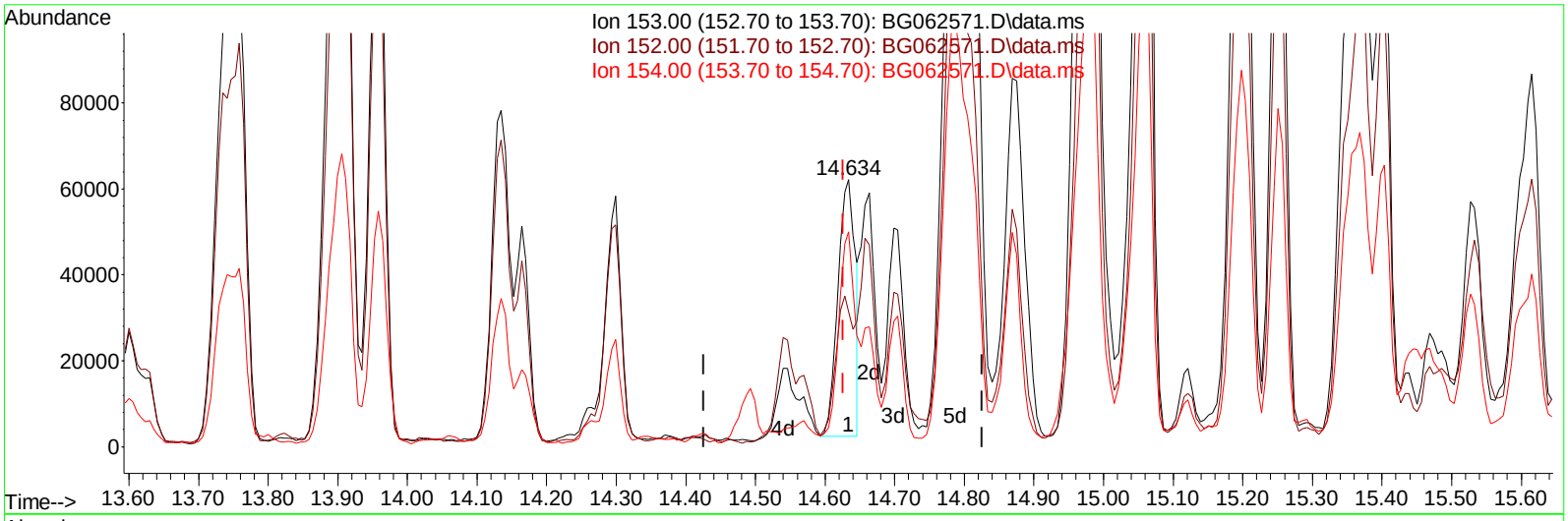
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082324\
Data File : BG062571.D
Acq On : 23 Aug 2024 17:57
Operator : MA/JU
Sample : P3695-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

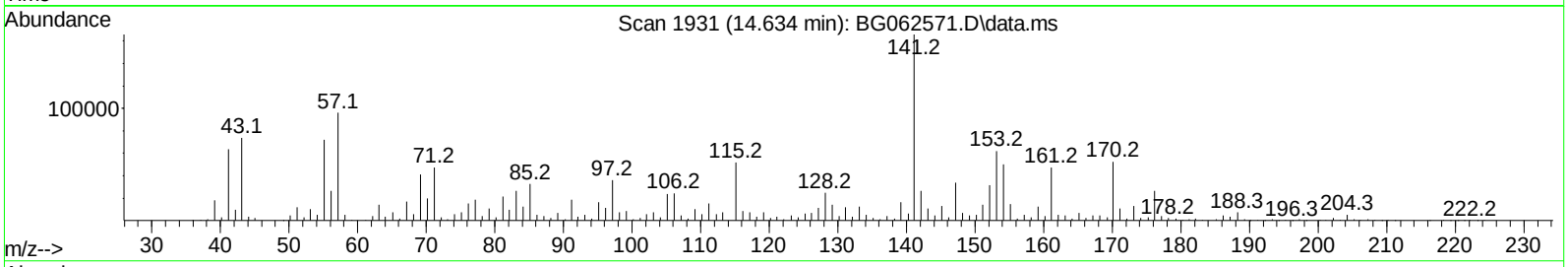
Quant Time: Aug 23 23:02:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 20 23:01:24 2024
Response via : Initial Calibration

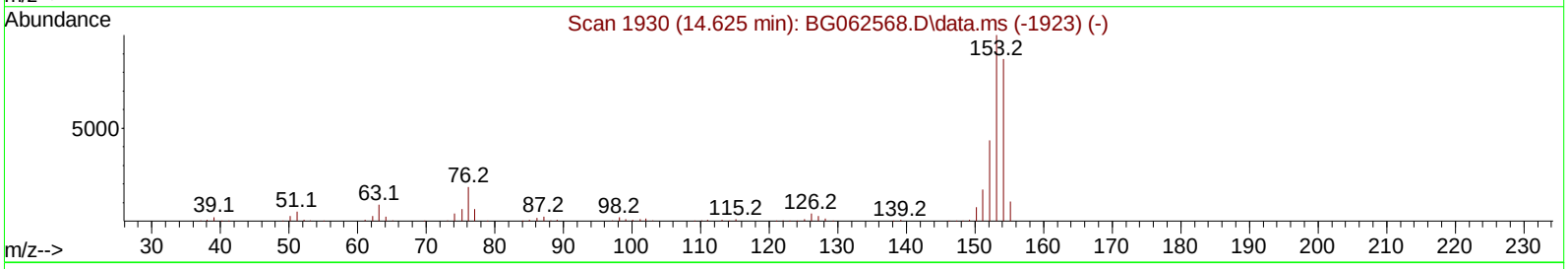
Instrument :
BNA_G
ClientSampleId :
GCNA1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024







TIC: BG062571.D\data.ms

(52) Acenaphthene (C)

14.634min (+ 0.008) 7.05 ng/ul

response 104092

Ion	Exp%	Act%
153.00	100.00	100.00
152.00	44.60	50.70
154.00	83.40	80.53
0.00	0.00	0.00

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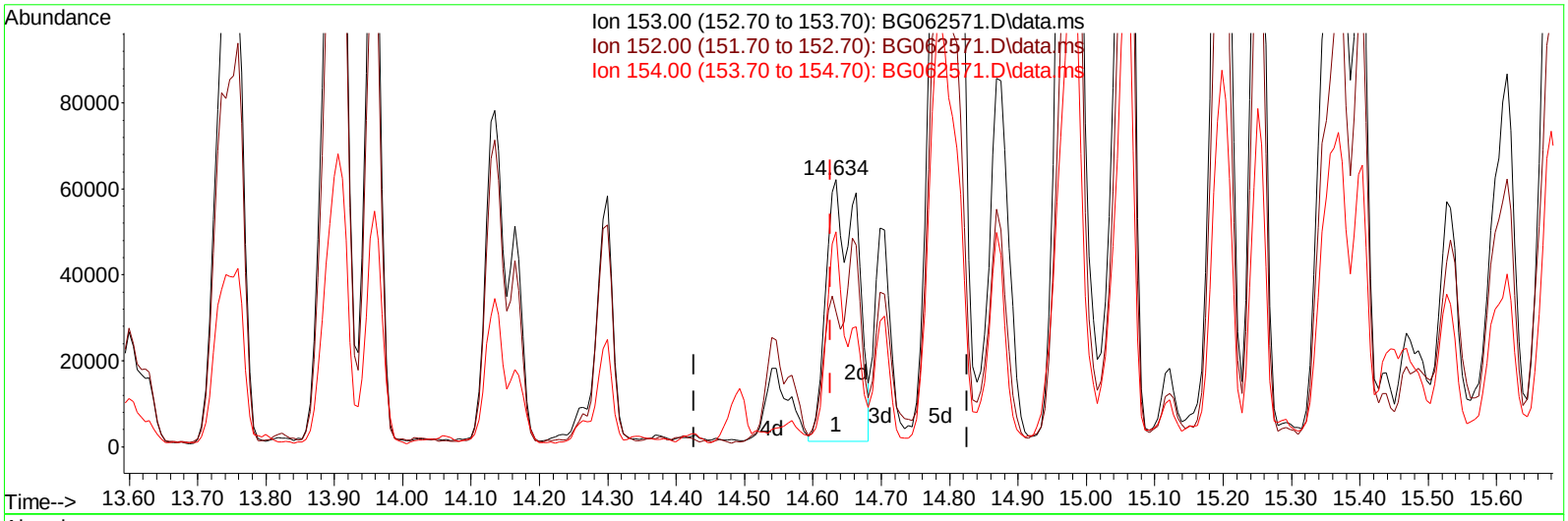

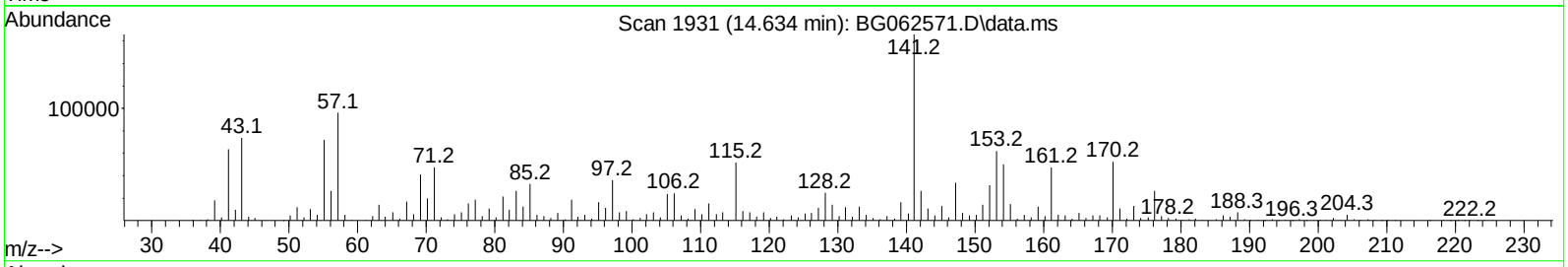

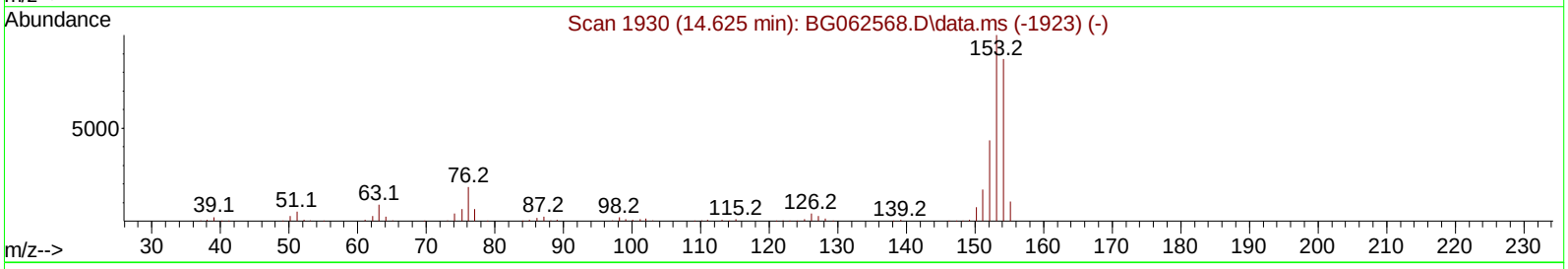

TIC: BG062571.D\data.ms

(52) Acenaphthene (C)

14.634min (+ 0.008) 12.88 ng/ul m

response 190072

Ion	Exp%	Act%
153.00	100.00	100.00
152.00	44.60	50.70
154.00	83.40	80.53
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082324\
Data File : BG062571.D
Acq On : 23 Aug 2024 17:57
Operator : MA/JU
Sample : P3695-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 23 23:05:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 20 23:01:24 2024
Response via : Initial Calibration

Instrument :
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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	7.937	152	77391	20.000	ng/ul	0.00
20) Naphthalene-d8	10.733	136	330079	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.569	164	213837	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.330	188	375214	20.000	ng/ul	# 0.03
79) Chrysene-d12	21.554	240	382161	20.000	ng/ul	0.00
88) Perylene-d12	24.638	264	427999	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	2196	1.077	ng/uL	0.00
4) Pyridine-d5	3.813	84	9522	1.533	ng/ul	0.00
7) Phenol-d5	7.103	99	52734	6.850	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.267	67	33935	6.997	ng/ul	0.00
11) 2-Chlorophenol-d4	7.473	132	41459	7.883	ng/ul	0.00
15) 4-Methylphenol-d8	8.636	113	44105	6.834	ng/ul	0.00
21) Nitrobenzene-d5	9.088	128	21676	10.240	ng/ul	0.00
24) 2-Nitrophenol-d4	9.811	143	23302	11.066	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.351	165	45384	8.462	ng/ul	0.00
31) 4-Chloroaniline-d4	10.851	131	120899	14.214	ng/ul	-0.02
46) Dimethylphthalate-d6	13.970	166	128359	7.717	ng/ul	0.00
49) Acenaphthylene-d8	14.264	160	152852	8.300	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	33706	12.703	ng/ul	0.03
60) Fluorene-d10	15.568	176	133777	8.917	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.697	200	15631	9.169	ng/ul	0.03
73) Anthracene-d10	17.430	188	154547	8.574	ng/ul	0.03
81) Pyrene-d10	19.703	212	153193	6.845	ng/ul	0.02
92) Benzo(a)pyrene-d12	24.426	264	125326	5.518	ng/ul	0.01
Target Compounds						Qvalue
16) Acetophenone	8.748	105	19547	1.849	ng/ul#	76
30) Naphthalene	10.780	128	85234	4.452	ng/ul#	84
36) 2-Methylnaphthalene	12.396	142	1007813	74.546	ng/ul	97
37) 1-Methylnaphthalene	12.613	142	897796	65.087	ng/ul	98
43) 1,1'-Biphenyl	13.394	154	80617	4.976	ng/ul	97
52) Acenaphthene	14.634	153	190072m	12.880	ng/ul	
58) 2,3,4,6-Tetrachlorophenol	15.210	232	210250	50.706	ng/ul#	79
61) Fluorene	15.621	166	258968	15.827	ng/ul#	89
71) Pentachlorophenol	17.025	266	4401569	1537.435	ng/ul	93
72) Phenanthrene	17.383	178	2677454	126.991	ng/ul	93
74) Anthracene	17.465	178	66014	3.057	ng/ul#	79
80) Fluoranthene	19.375	202	91598	3.663	ng/ul#	88
82) Pyrene	19.733	202	219259	8.136	ng/ul#	93
86) Bis(2-ethylhexyl)phtha...	21.454	149	18896	1.425	ng/ul	94
87) Chrysene	21.601	228	58127	2.210	ng/ul	96

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

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