Quantitation Report (Qedit)

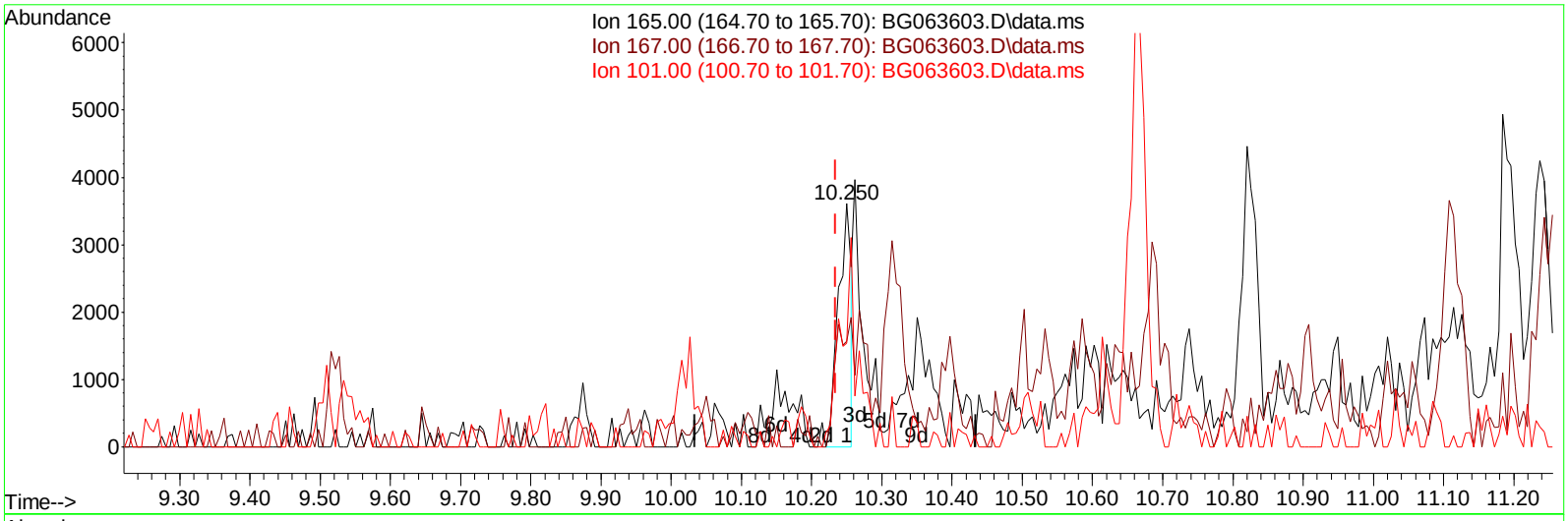
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
Operator : RC/JU
Sample : P5066-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

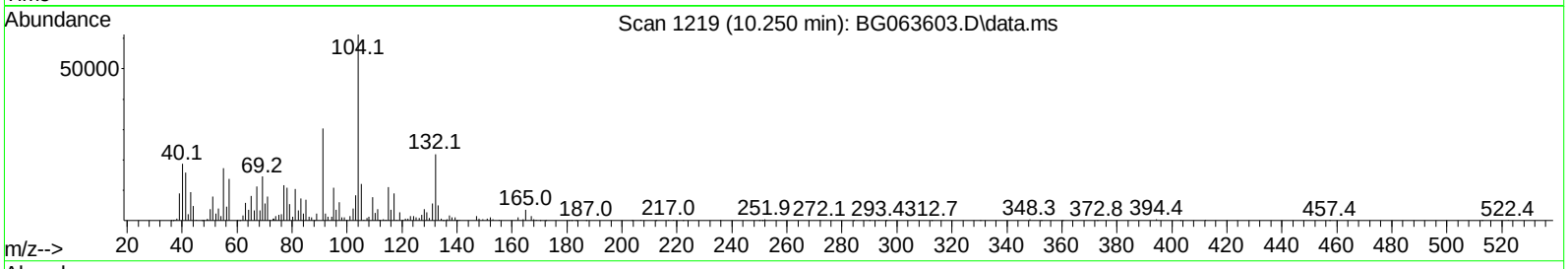
Quant Time: Dec 10 00:34:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 06 15:14:46 2024
Response via : Initial Calibration

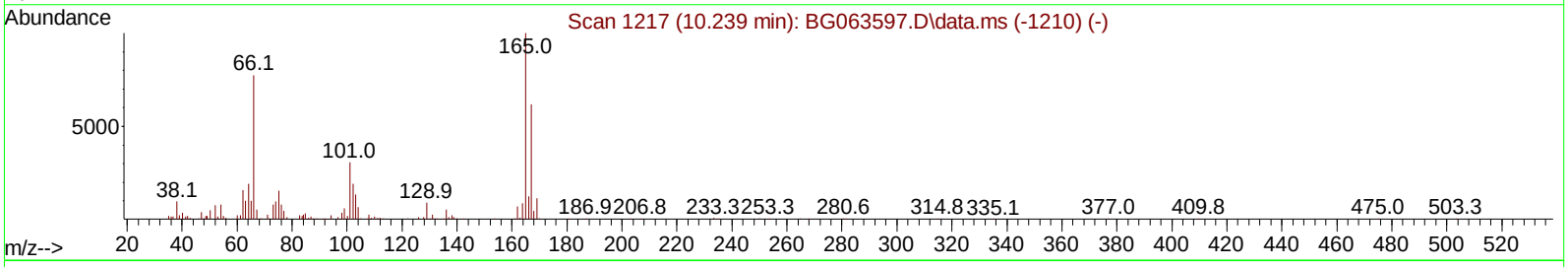
Instrument :
BNA_G
ClientSampleId :
E28M1DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024







TIC: BG063603.D\data.ms

(28) 2,4-Dichlorophenol-d3 (S)

10.250min (+ 0.016) 0.43 ng/ul

response 4510

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	58.00	43.46#
101.00	33.50	42.52#
0.00	0.00	0.00

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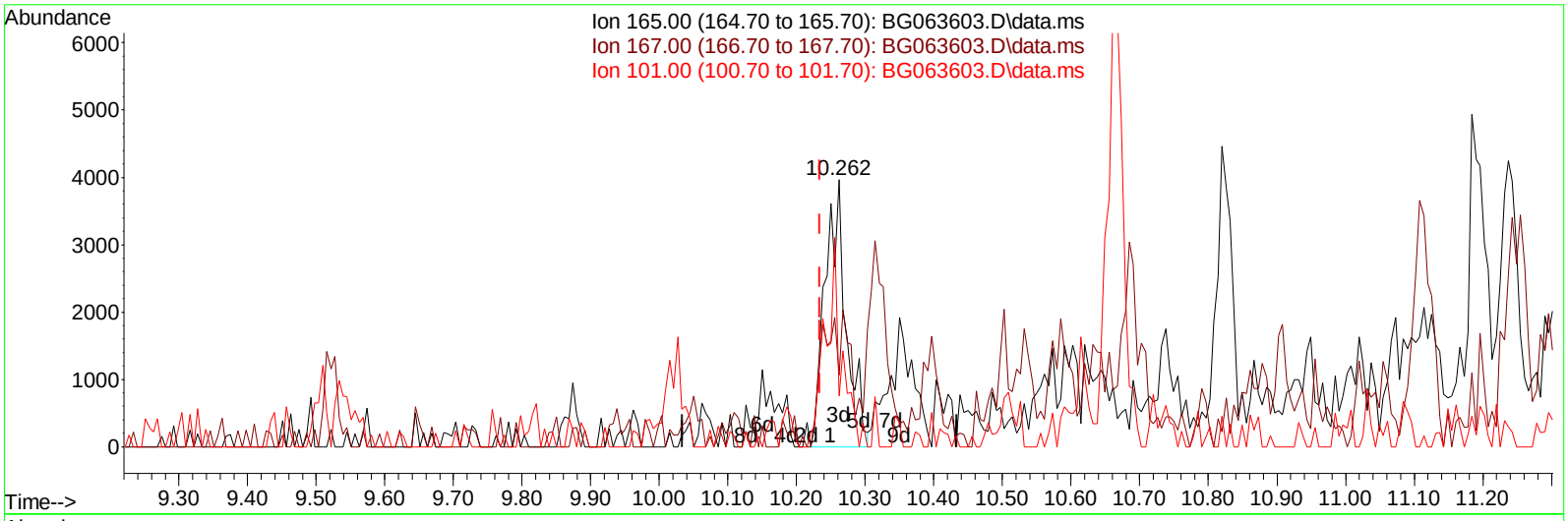

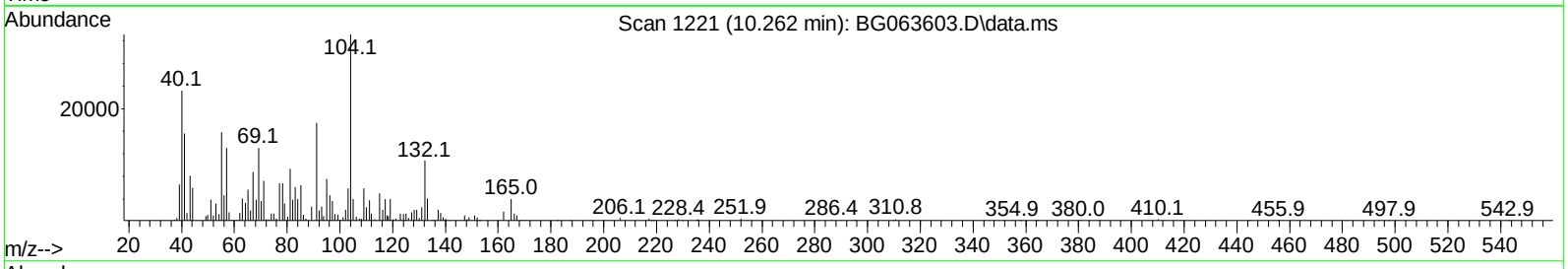

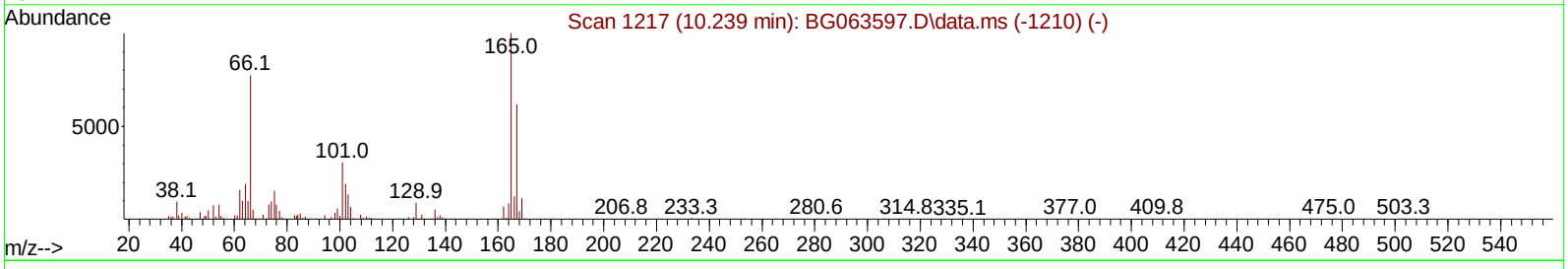

TIC: BG063603.D\data.ms

(28) 2,4-Dichlorophenol-d3 (S)

10.262min (+ 0.028) 0.81 ng/ul m

response 8451

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	58.00	26.77#
101.00	33.50	19.02#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BG063603.D
Acq On : 9 Dec 2024 15:26
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.823	152	144763	20.000	ng/ul	0.00
20) Naphthalene-d8	10.614	136	601522	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.463	164	448381	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.218	188	979907	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.478	240	851795	20.000	ng/ul	# 0.00
88) Perylene-d12	24.527	264	933109	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.288	96	2520	0.768	ng/uL	0.00
4) Pyridine-d5	3.699	84	32900	2.712	ng/ul	0.01
7) Phenol-d5	7.007	99	25238	1.771	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.154	67	60103	6.237	ng/ul	0.00
11) 2-Chlorophenol-d4	7.359	132	8296	0.988	ng/ul	0.00
15) 4-Methylphenol-d8	8.540	113	26151	2.475	ng/ul	0.01
21) Nitrobenzene-d5	8.981	128	21726	5.146	ng/ul	0.00
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	10.262	165	8451m	0.812	ng/ul	0.03
31) 4-Chloroaniline-d4	10.732	131	117995	9.385	ng/ul	-0.01
46) Dimethylphthalate-d6	13.869	166	156125	4.791	ng/ul	0.00
49) Acenaphthylene-d8	14.157	160	167128	4.692	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.462	176	136497	4.249	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.318	188	227612	5.087	ng/ul	0.00
81) Pyrene-d10	19.616	212	249430	5.283	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.328	264	225425	4.810	ng/ul	0.03
Target Compounds						Qvalue
30) Naphthalene	10.661	128	309259	9.987	ng/ul#	97
36) 2-Methylnaphthalene	12.277	142	729601	30.563	ng/ul	95
37) 1-Methylnaphthalene	12.500	142	499587	20.640	ng/ul#	95
43) 1,1'-Biphenyl	13.294	154	62794	2.110	ng/ul#	92
52) Acenaphthene	14.527	153	101944	3.748	ng/ul	88
61) Fluorene	15.520	166	376570	10.999	ng/ul#	97
72) Phenanthrene	17.265	178	2655577	55.017	ng/ul	98
74) Anthracene	17.353	178	774682	15.542	ng/ul	96
80) Fluoranthene	19.281	202	839775	15.826	ng/ul#	96
82) Pyrene	19.645	202	987607	17.508	ng/ul#	93
85) Benzo(a)anthracene	21.460	228	149409	2.601	ng/ul#	81
87) Chrysene	21.519	228	96084	1.780	ng/ul#	81

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

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