

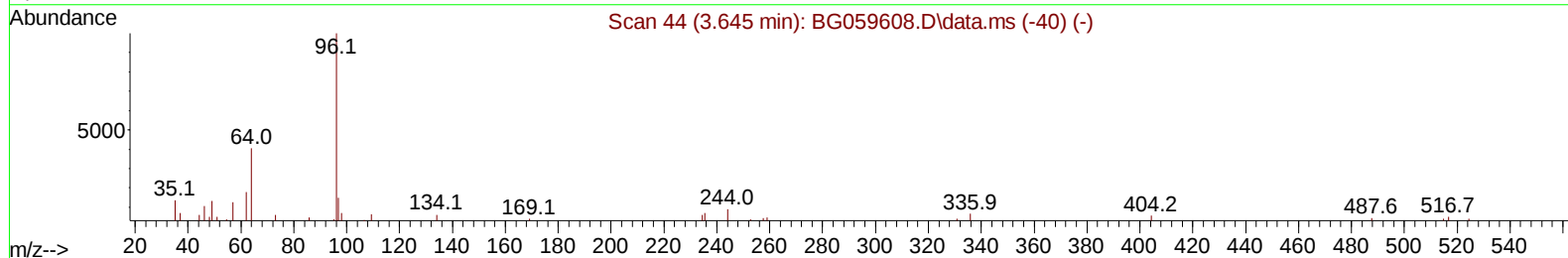
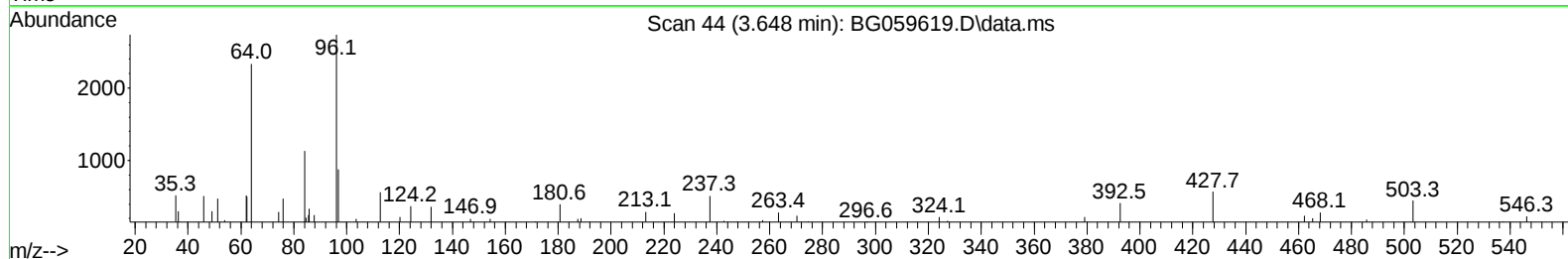
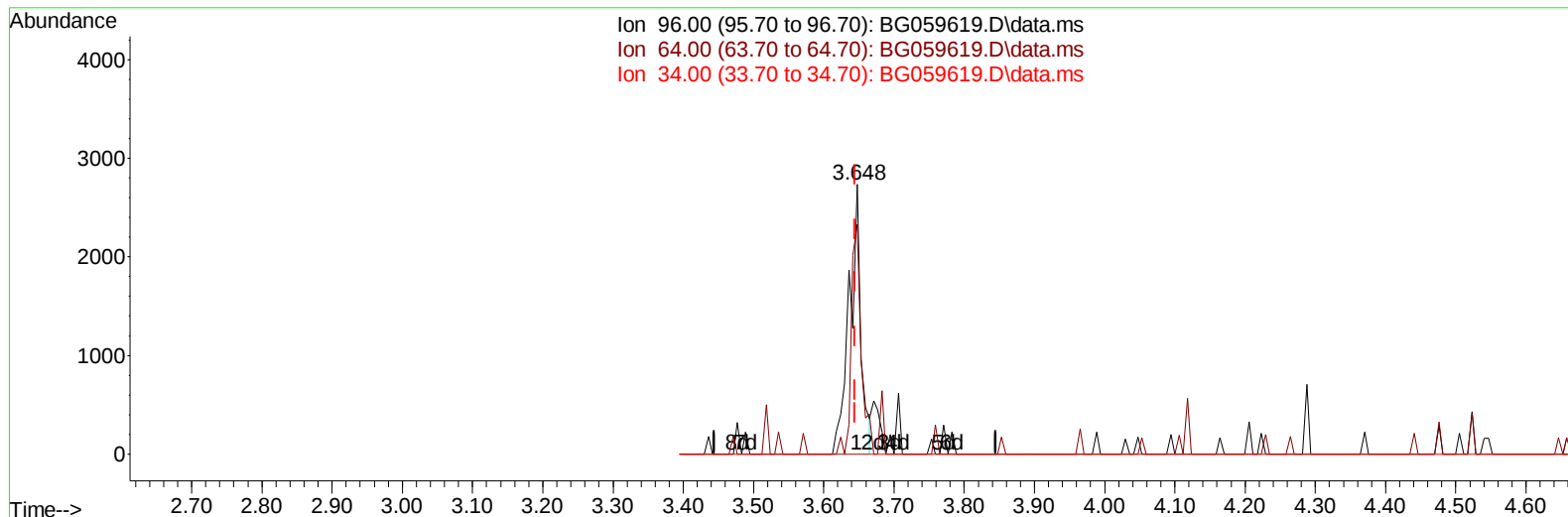
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059619.D
Acq On : 4 Nov 2023 12:35
Operator : MA/JU
Sample : 04996-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4949

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/08/2023

Quant Time: Nov 05 23:54:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 02:46:50 2023
Response via : Initial Calibration



TIC: BG059619.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.648min (+ 0.003) 2.92 ng/uL

response 3181

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	40.30	85.31#
34.00	0.00	0.00
0.00	0.00	0.00

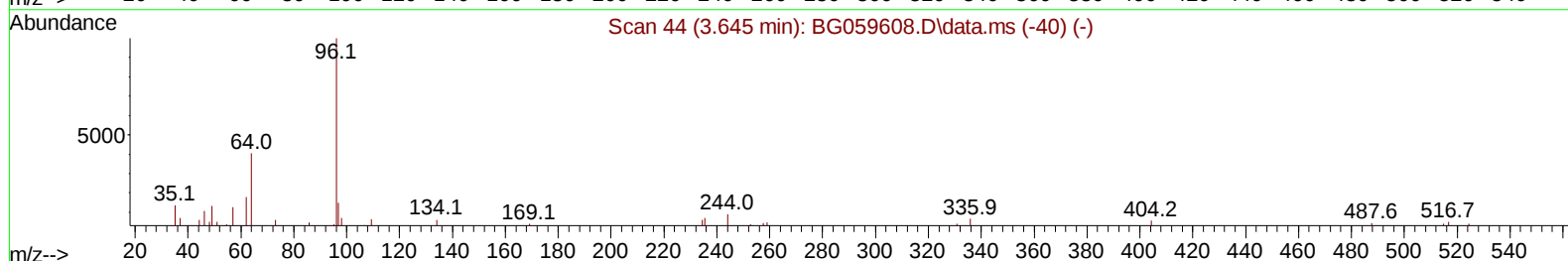
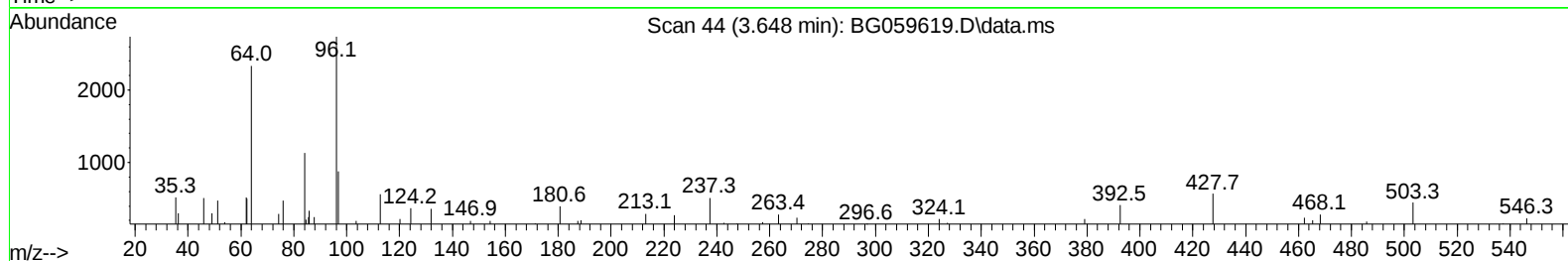
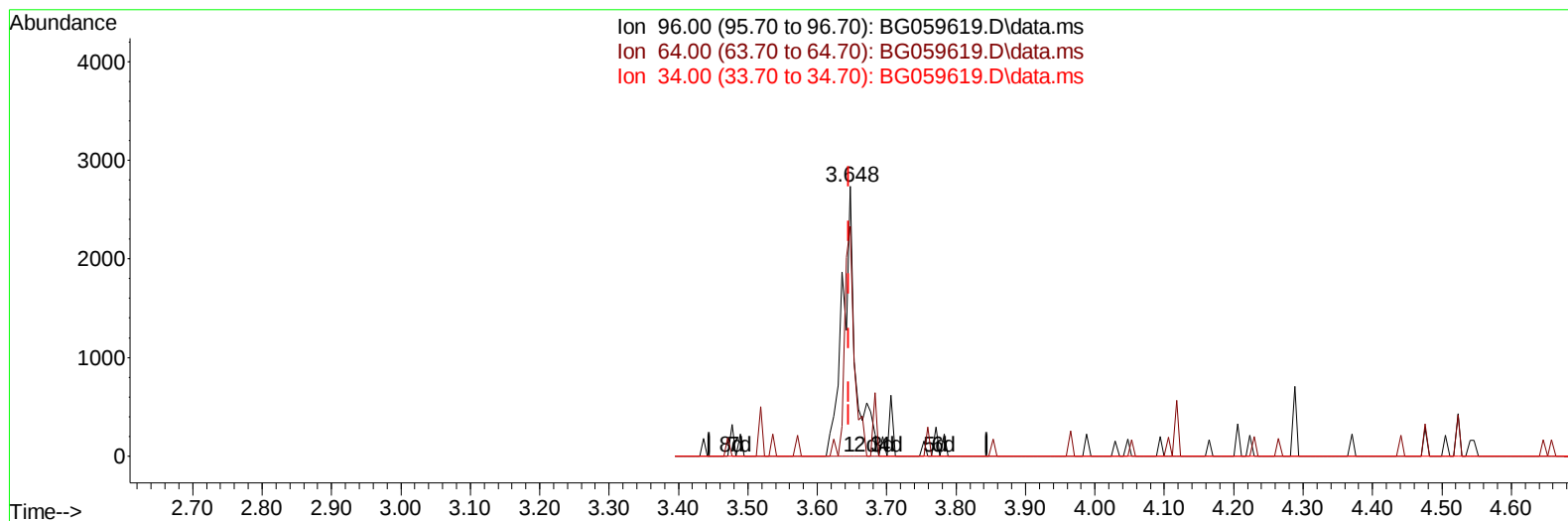
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059619.D
Acq On : 4 Nov 2023 12:35
Operator : MA/JU
Sample : 04996-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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QLast Update : Sat Nov 04 02:46:50 2023
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Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/08/2023



TIC: BG059619.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.648min (+ 0.003) 3.32 ng/uL m

response 3610

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	40.30	85.31#
34.00	0.00	0.00
0.00	0.00	0.00

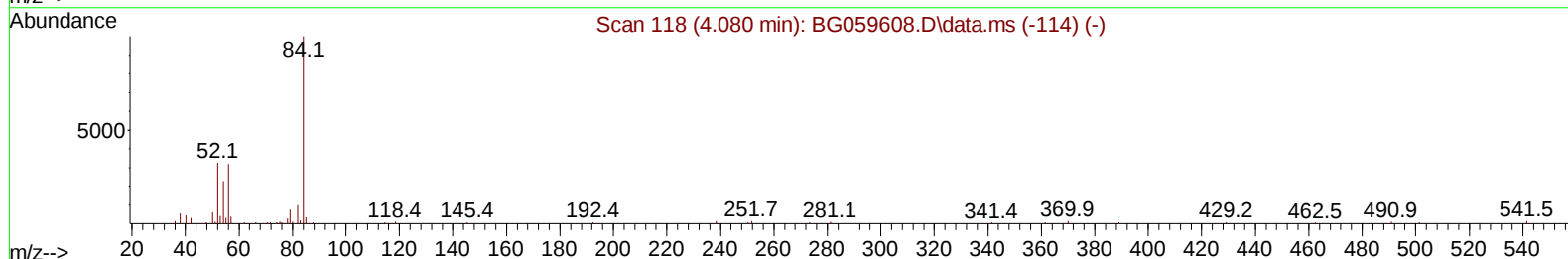
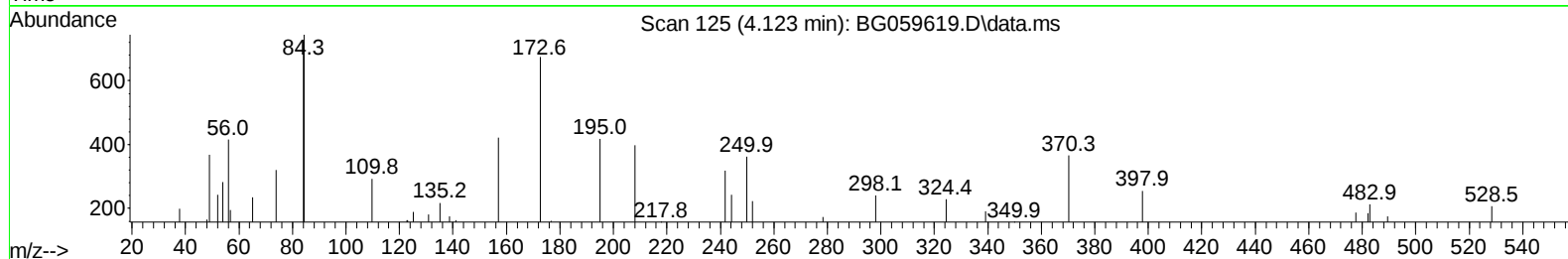
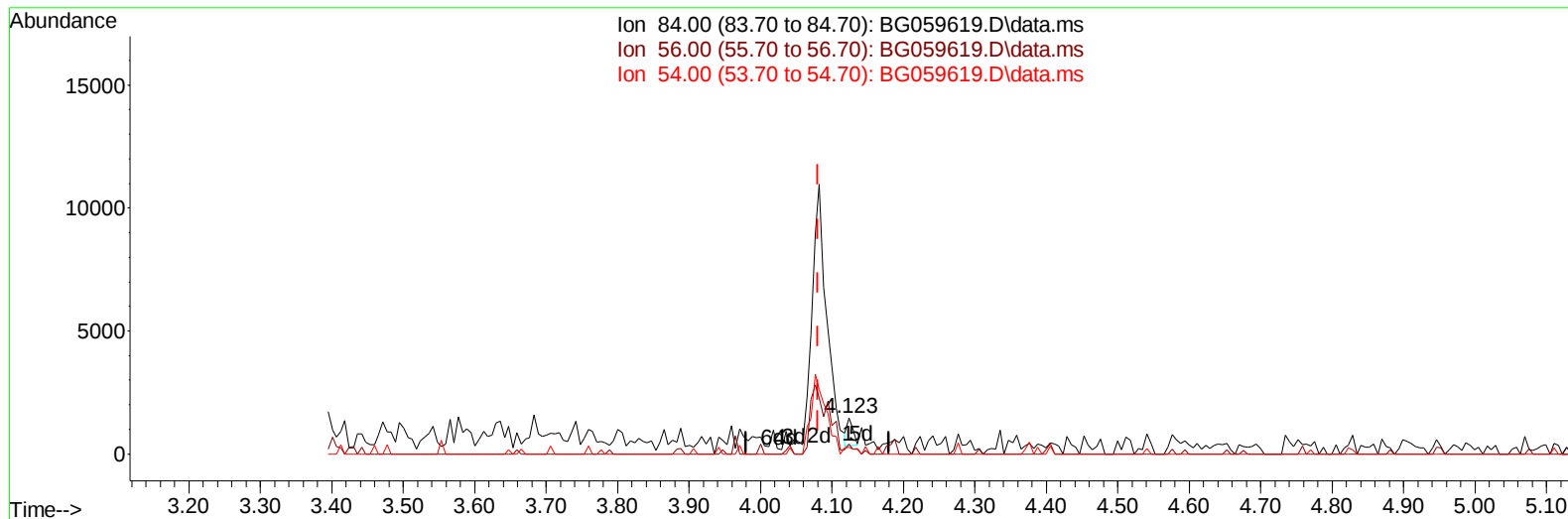
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 11/08/2023



TIC: BG059619.D\data.ms

(4) Pyridine-d5 (S)

4.123min (+ 0.043) 0.21 ng/u1

response 667

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	31.80	28.29
54.00	22.80	19.22
0.00	0.00	0.00

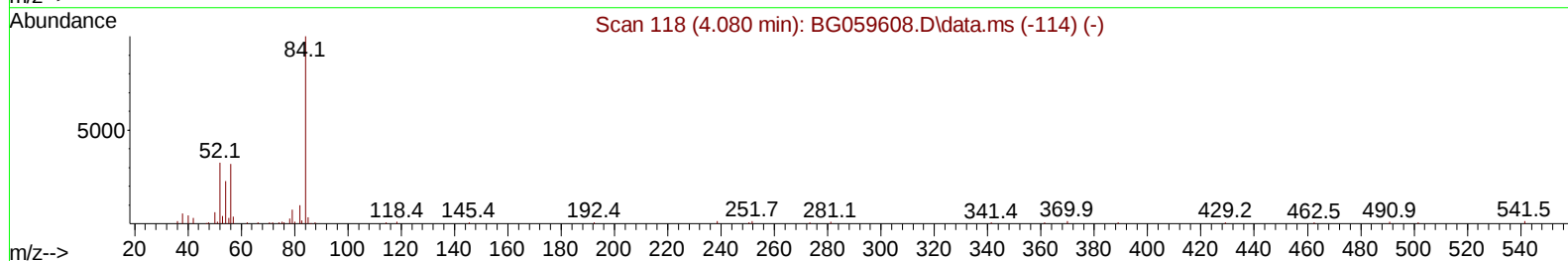
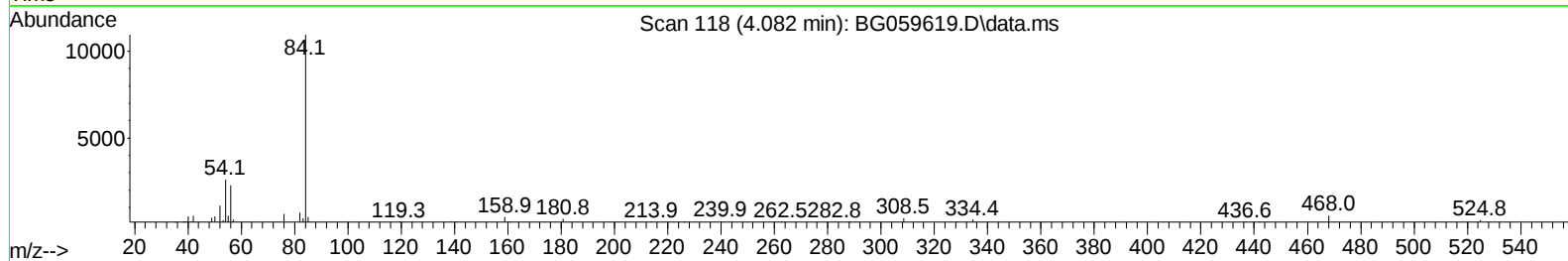
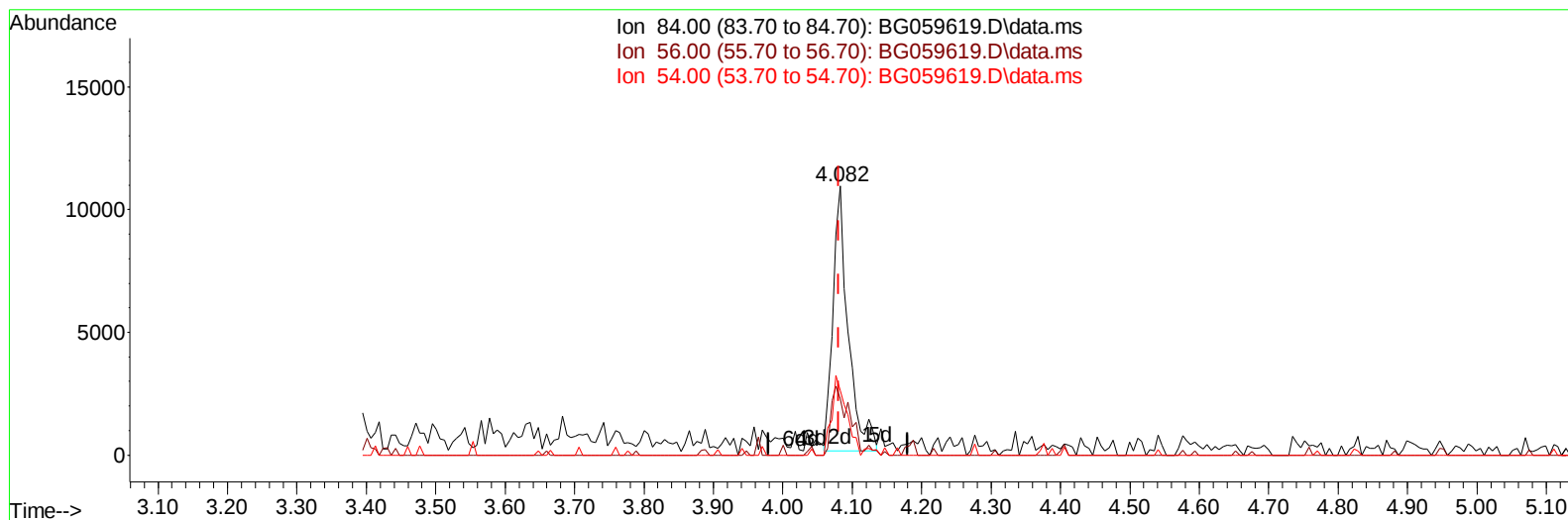
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059619.D
 Acq On : 4 Nov 2023 12:35
 Operator : MA/JU
 Sample : 04996-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Nov 05 23:54:00 2023
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Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/08/2023



TIC: BG059619.D\data.ms

(4) Pyridine-d5 (S)

4.082min (+ 0.002) 5.14 ng/ul m

response 16439

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	31.80	20.87#
54.00	22.80	23.95
0.00	0.00	0.00

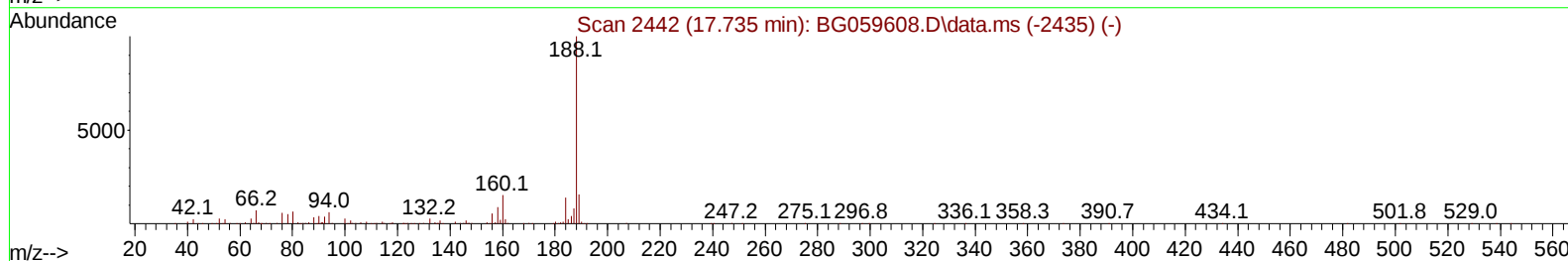
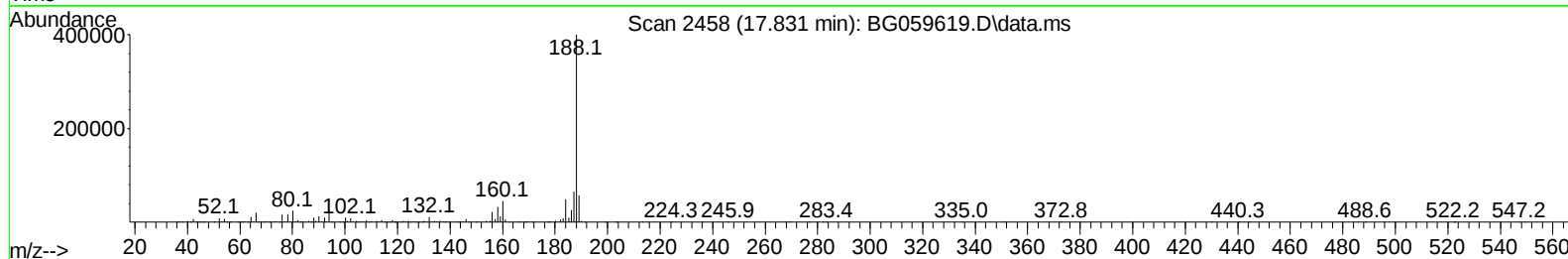
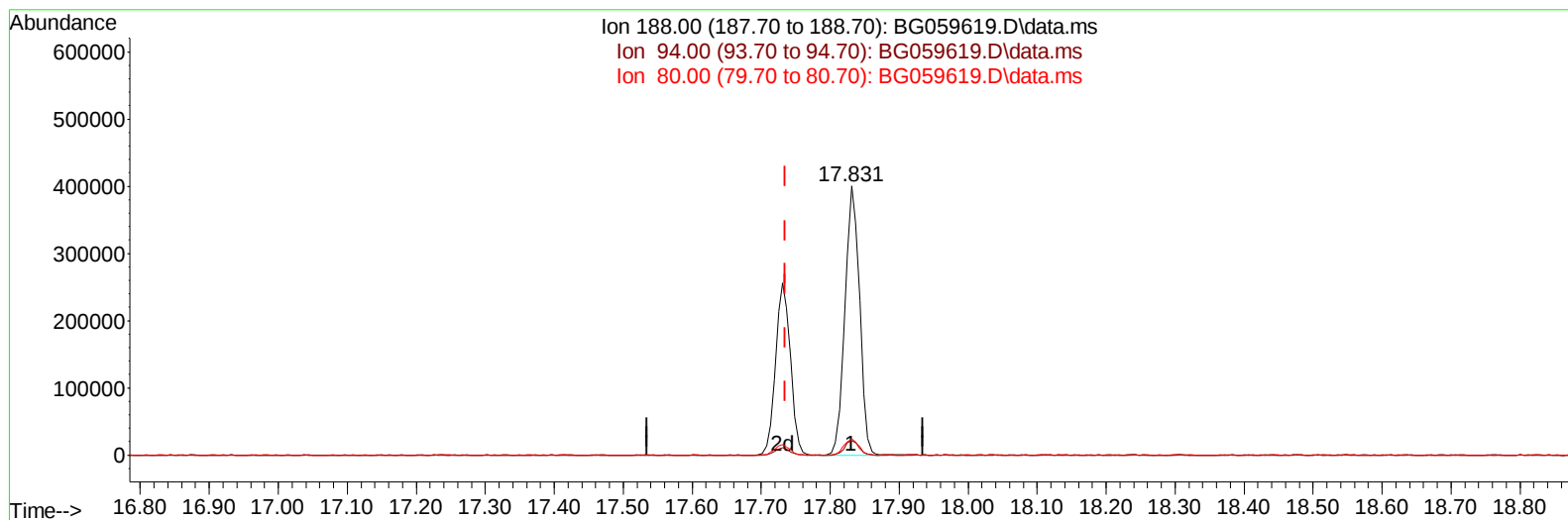
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059619.D
 Acq On : 4 Nov 2023 12:35
 Operator : MA/JU
 Sample : 04996-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4949

Manual IntegrationsAPPROVED

Quant Time: Nov 06 00:23:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 04 02:46:50 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/08/2023



TIC: BG059619.D\data.ms

(64) Phenanthrene-d10 (I)

17.831min (+ 0.096) 20.00 ng/u1

response 585336

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	6.20	5.28
80.00	6.40	6.11
0.00	0.00	0.00

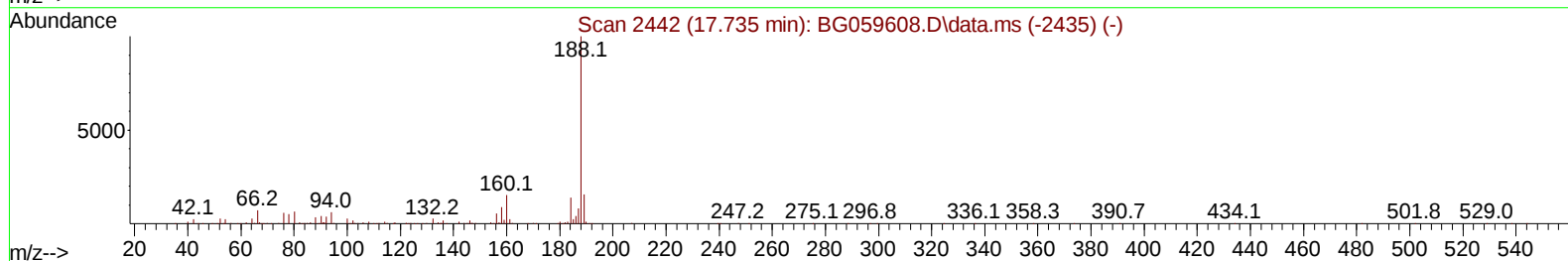
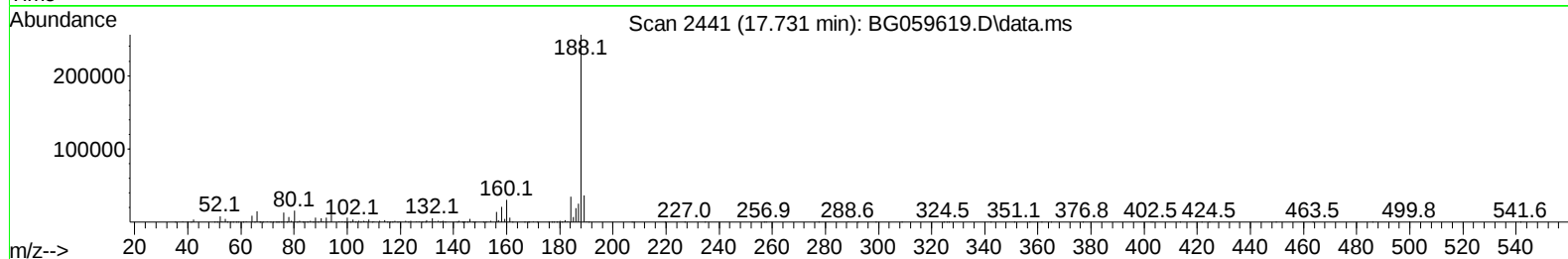
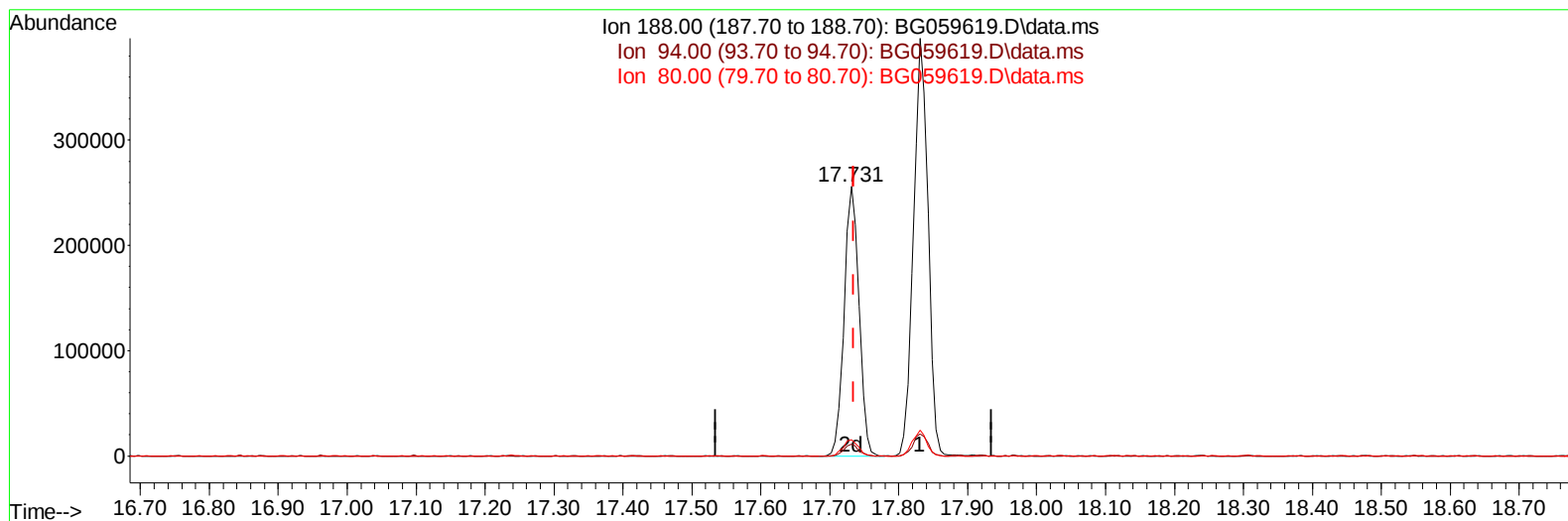
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059619.D
 Acq On : 4 Nov 2023 12:35
 Operator : MA/JU
 Sample : 04996-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4949

Manual IntegrationsAPPROVED

Quant Time: Nov 06 00:23:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 04 02:46:50 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/08/2023



TIC: BG059619.D\data.ms

(64) Phenanthrene-d10 (I)

17.731min (-0.004) 20.00 ng/ul m

response 382697

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	6.20	4.27#
80.00	6.40	6.05
0.00	0.00	0.00

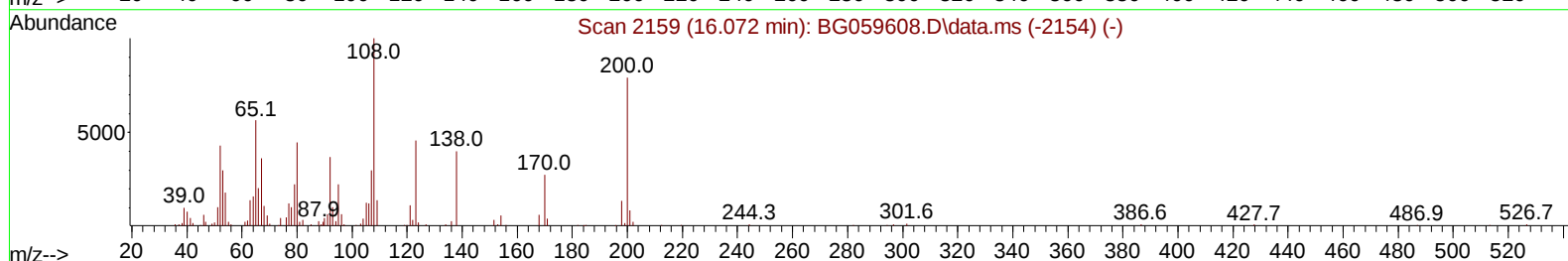
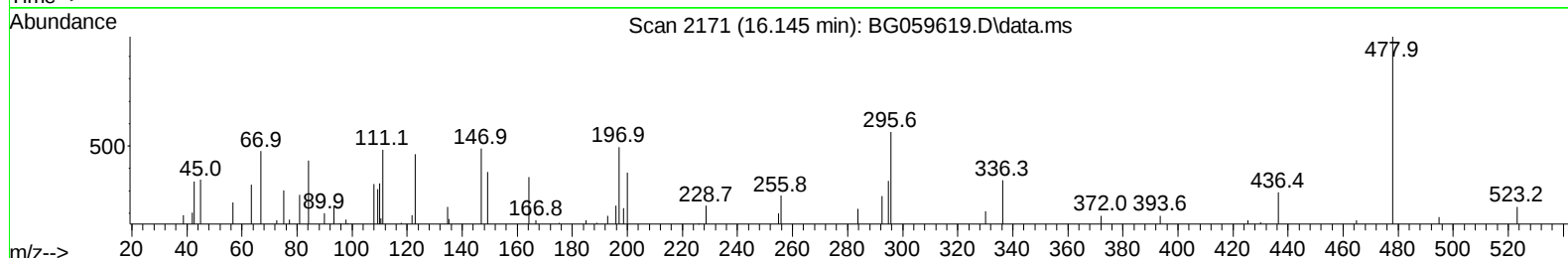
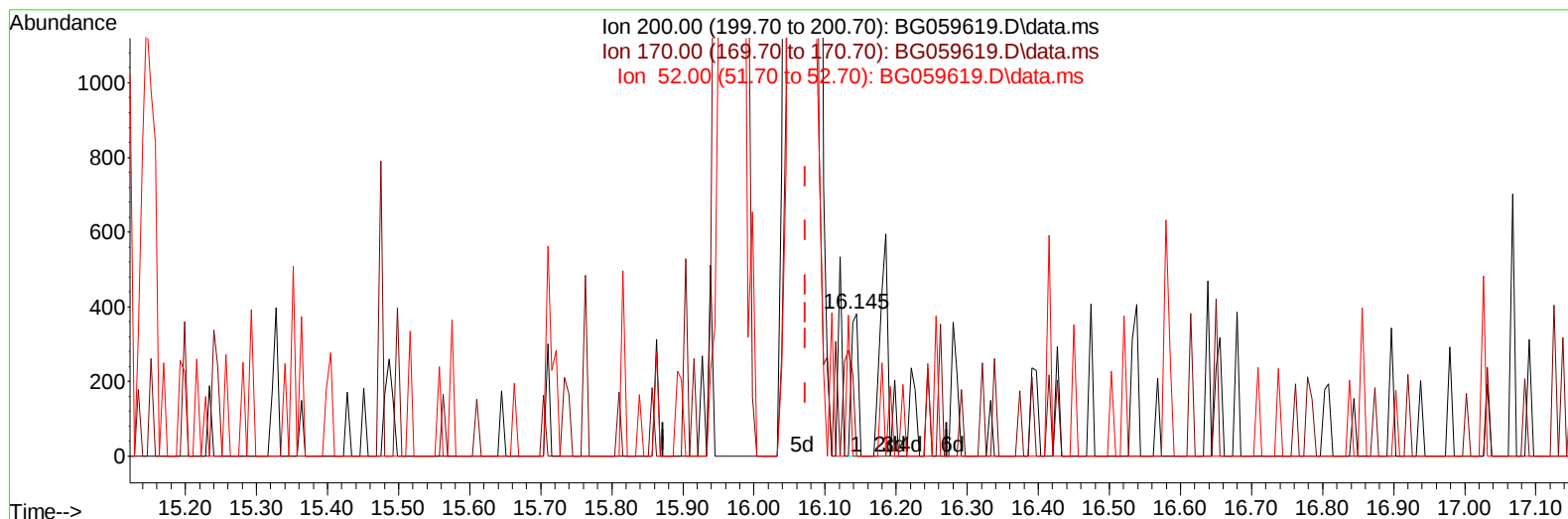
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059619.D
 Acq On : 4 Nov 2023 12:35
 Operator : MA/JU
 Sample : 04996-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4949

Manual IntegrationsAPPROVED

Quant Time: Nov 06 00:24:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
 Quant Title : SVOA CALIBRATION
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Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/08/2023



TIC: BG059619.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

16.145min (+ 0.073) 0.11 ng/u1

response 261

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	34.90	0.00#
52.00	57.90	0.00#
0.00	0.00	0.00

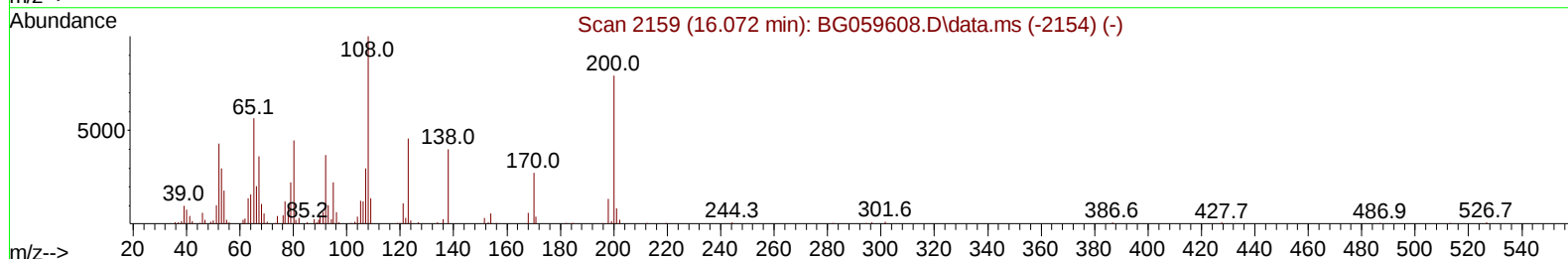
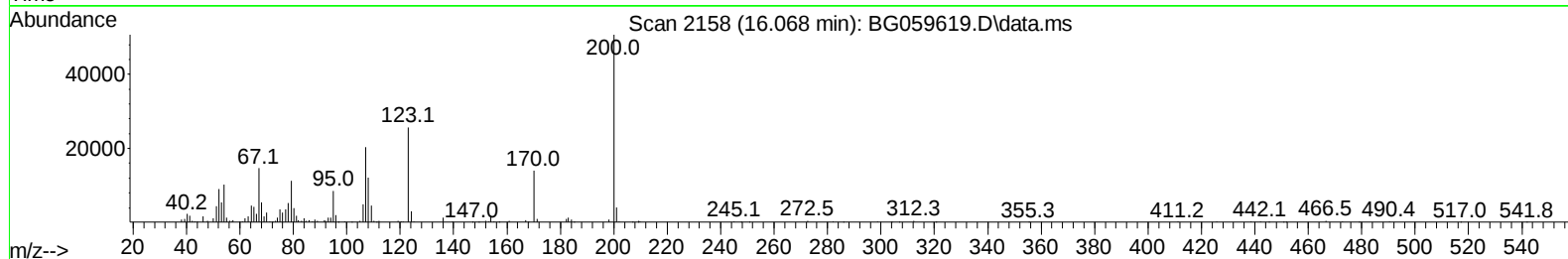
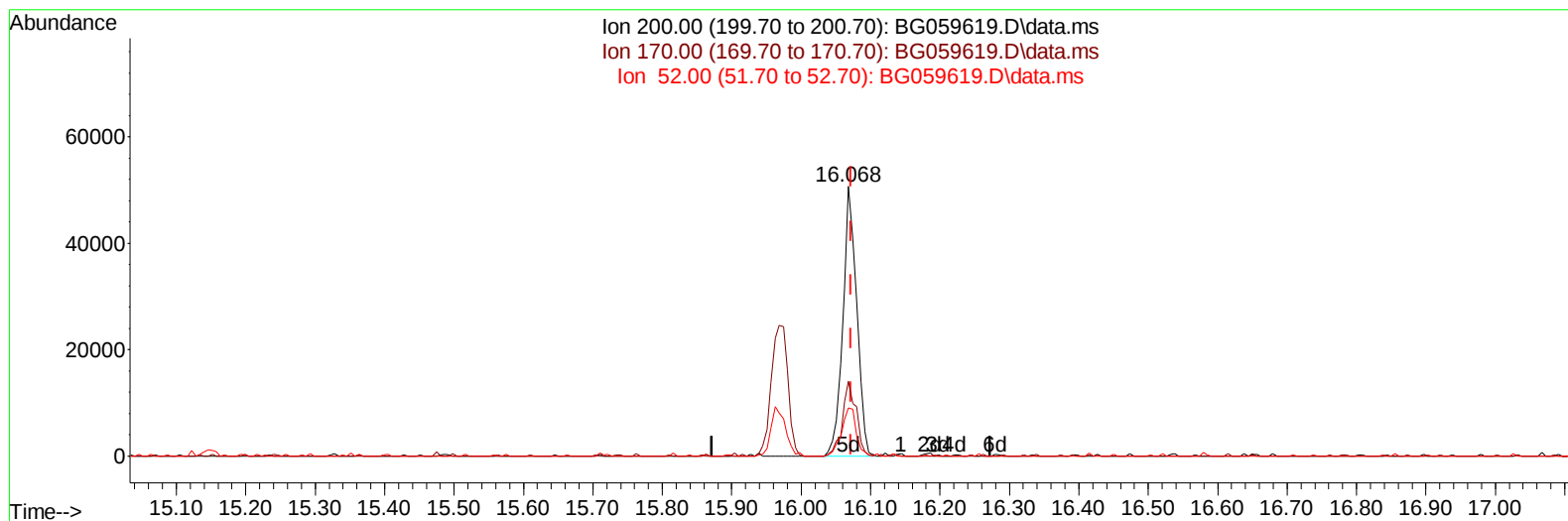
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059619.D
 Acq On : 4 Nov 2023 12:35
 Operator : MA/JU
 Sample : 04996-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4949

Manual IntegrationsAPPROVED

Quant Time: Nov 06 00:24:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 04 02:46:50 2023
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Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/08/2023



TIC: BG059619.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

16.068min (-0.004) 28.99 ng/ul m

response 70213

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	34.90	27.77#
52.00	57.90	17.72#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059619.D
 Acq On : 4 Nov 2023 12:35
 Operator : MA/JU
 Sample : 04996-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4949

Manual IntegrationsAPPROVED

Quant Time: Nov 06 00:24:50 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.354	152	40787	20.000	ng/ul	0.00
20) Naphthalene-d8	11.198	136	221948	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.981	164	179335	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.731	188	382697m	20.000	ng/ul	0.00
79) Chrysene-d12	22.067	240	315860	20.000	ng/ul	0.00
88) Perylene-d12	25.669	264	368600	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.648	96	3610m	3.317	ng/uL	0.00
4) Pyridine-d5	4.082	84	16439m	5.137	ng/ul	0.00
7) Phenol-d5	7.461	99	24621	5.904	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.666	67	50594	22.692	ng/ul	0.00
11) 2-Chlorophenol-d4	7.866	132	61974	21.883	ng/ul	0.00
15) 4-Methylphenol-d8	9.035	113	46561	13.643	ng/ul	0.00
21) Nitrobenzene-d5	9.552	128	45136	27.808	ng/ul	0.00
24) 2-Nitrophenol-d4	10.269	143	48583	24.802	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.798	165	77381	22.235	ng/ul	0.00
31) 4-Chloroaniline-d4	11.339	131	126906	23.173	ng/ul	0.00
46) Dimethylphthalate-d6	14.376	166	429248	29.824	ng/ul	0.00
49) Acenaphthylene-d8	14.688	160	483860	28.193	ng/ul	0.00
54) 4-Nitrophenol-d4	15.146	143	15792	6.215	ng/ul	0.00
60) Fluorene-d10	15.968	176	372895	27.520	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.068	200	70213m	28.986	ng/ul	0.00
73) Anthracene-d10	17.831	188	585336	29.224	ng/ul	0.00
81) Pyrene-d10	20.105	212	652328	32.273	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.416	264	675065	31.285	ng/ul	0.00

Target Compounds Qvalue

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

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