

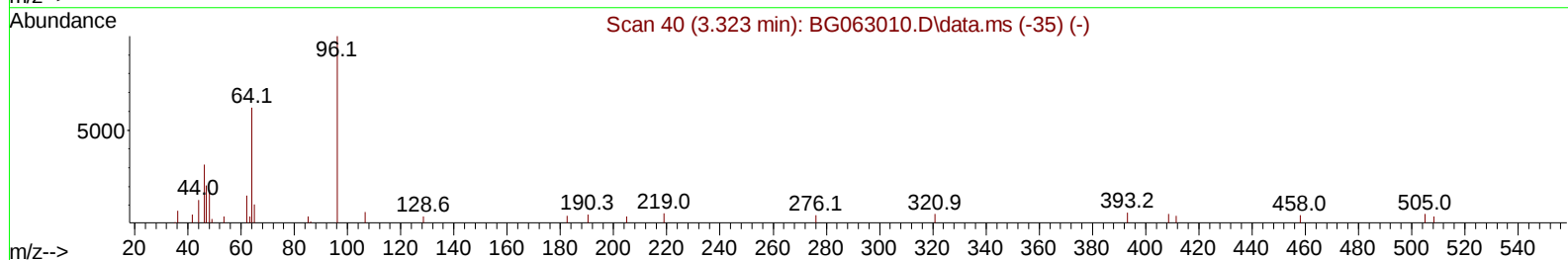
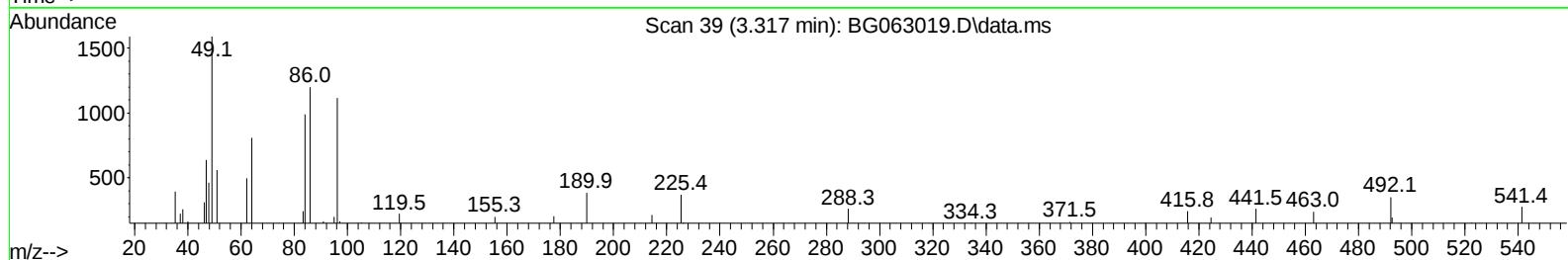
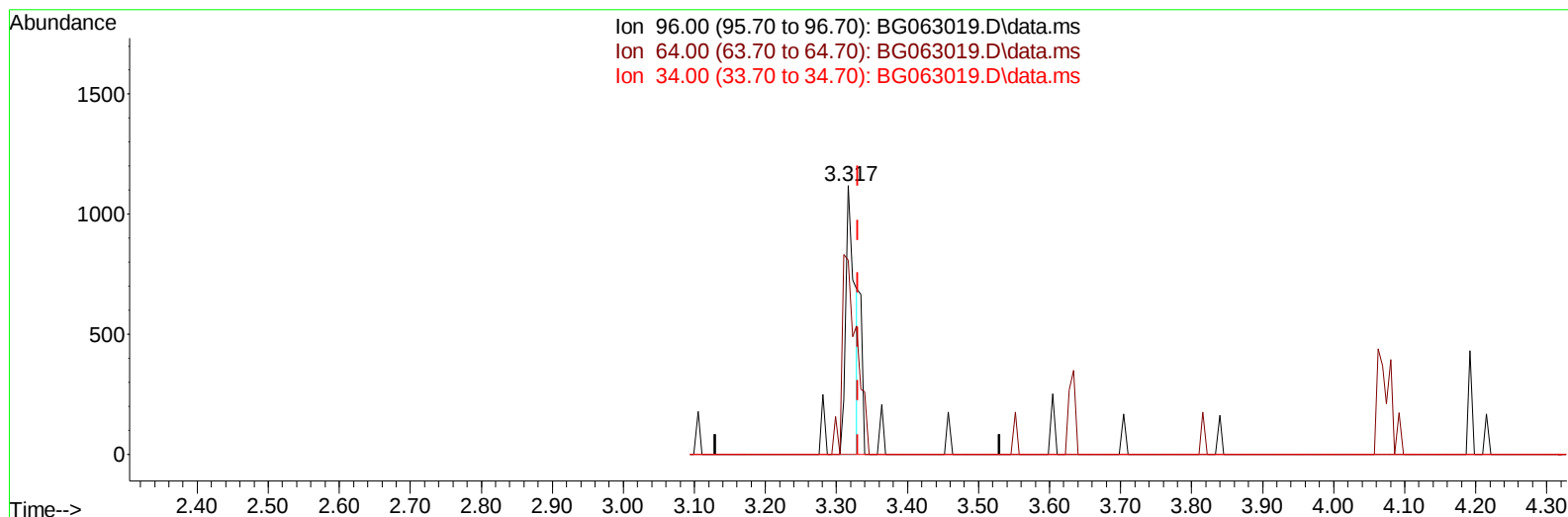
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063019.D
Acq On : 24 Sep 2024 8:56
Operator : RC/JU
Sample : P3879-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC33

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024

Quant Time: Sep 24 10:59:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration



TIC: BG063019.D\data.ms

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

3.317min (-0.014) 1.63 ng/uL

response 974

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	75.20	72.36
34.00	0.00	0.00
0.00	0.00	0.00

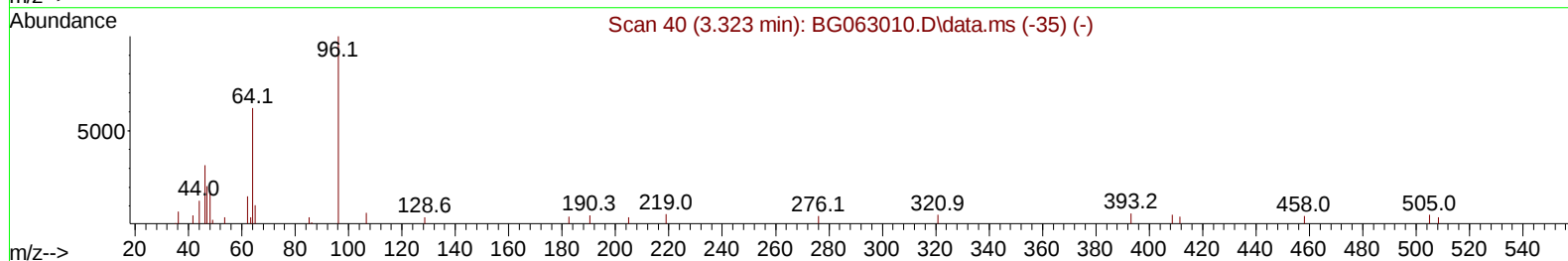
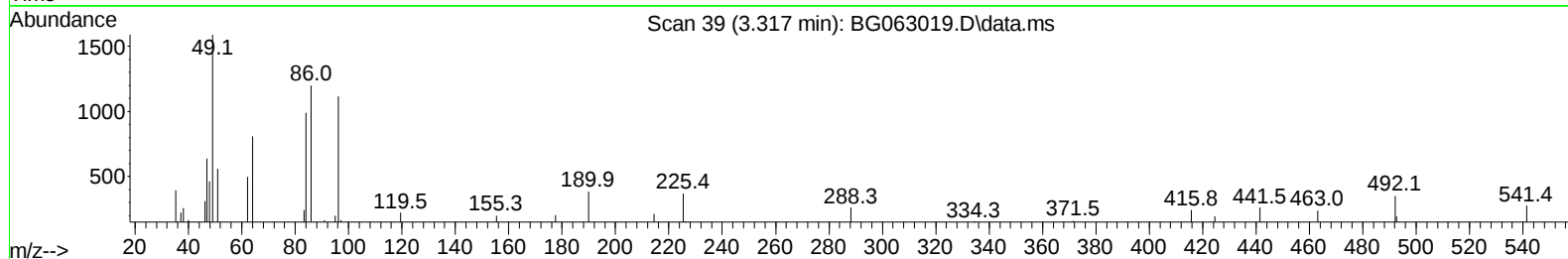
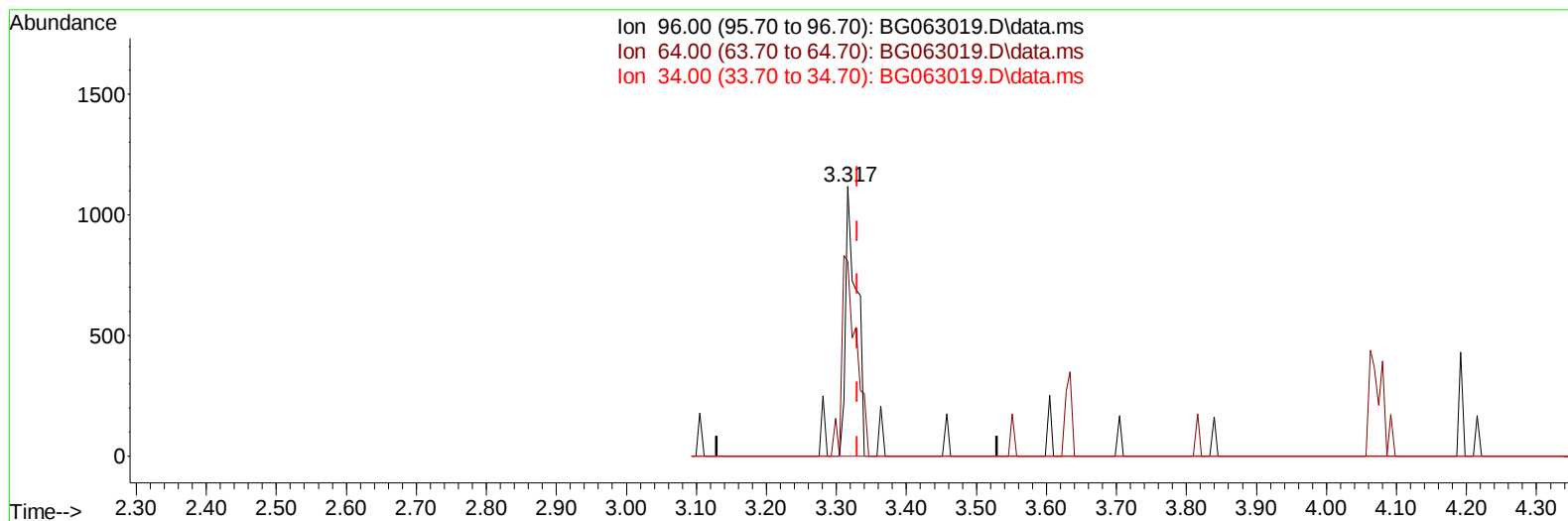
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063019.D
Acq On : 24 Sep 2024 8:56
Operator : RC/JU
Sample : P3879-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC33

Manual IntegrationsAPPROVED

Quant Time: Sep 24 10:59:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



TIC: BG063019.D\data.ms

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

3.317min (-0.014) 2.02 ng/uL m

response 1208

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	75.20	72.36
34.00	0.00	0.00
0.00	0.00	0.00

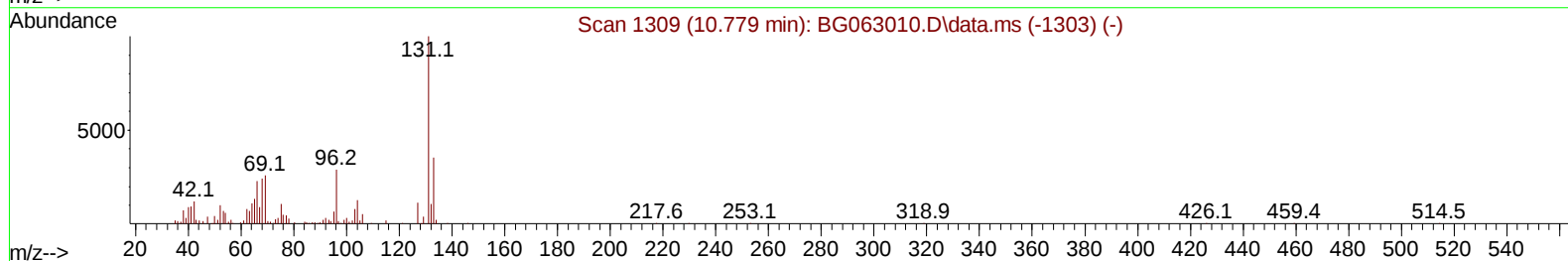
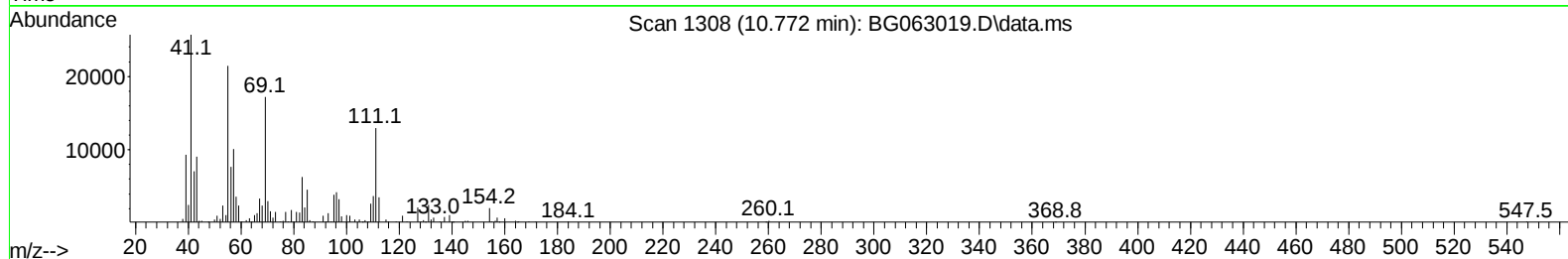
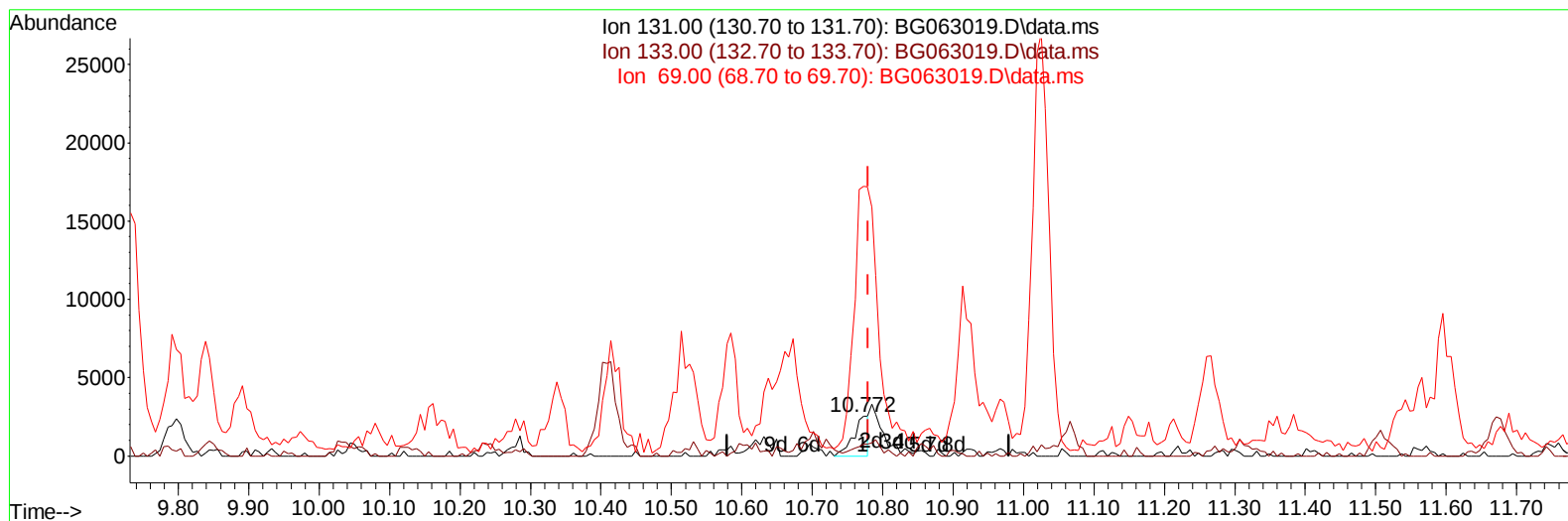
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063019.D
Acq On : 24 Sep 2024 8:56
Operator : RC/JU
Sample : P3879-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC33

Manual IntegrationsAPPROVED

Quant Time: Sep 24 10:59:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



TIC: BG063019.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.772min (-0.007) 2.33 ng/u1

response 3802

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.50	30.12
69.00	20.10	682.05#
0.00	0.00	0.00

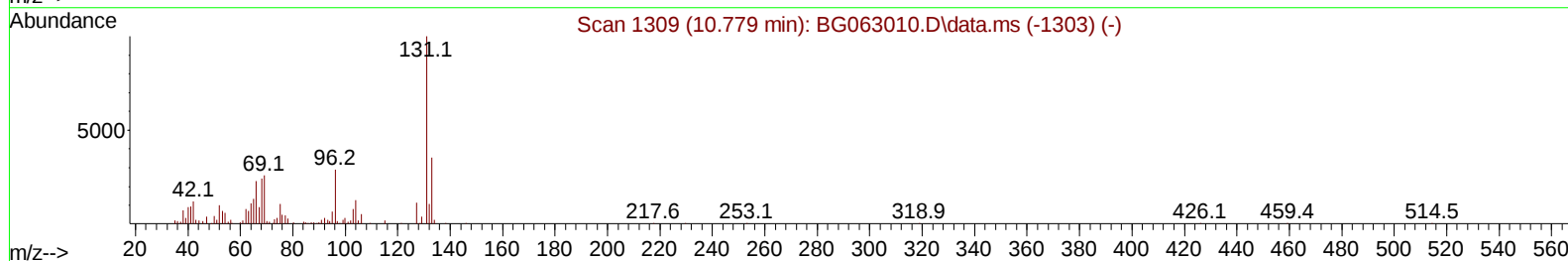
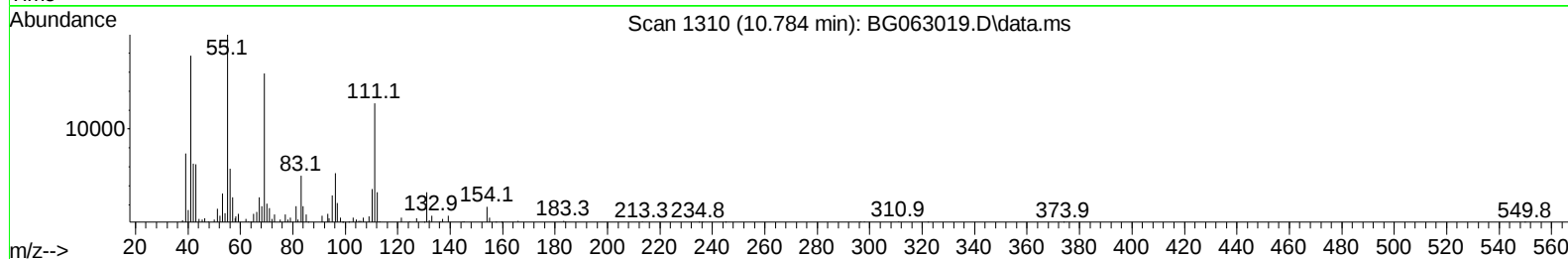
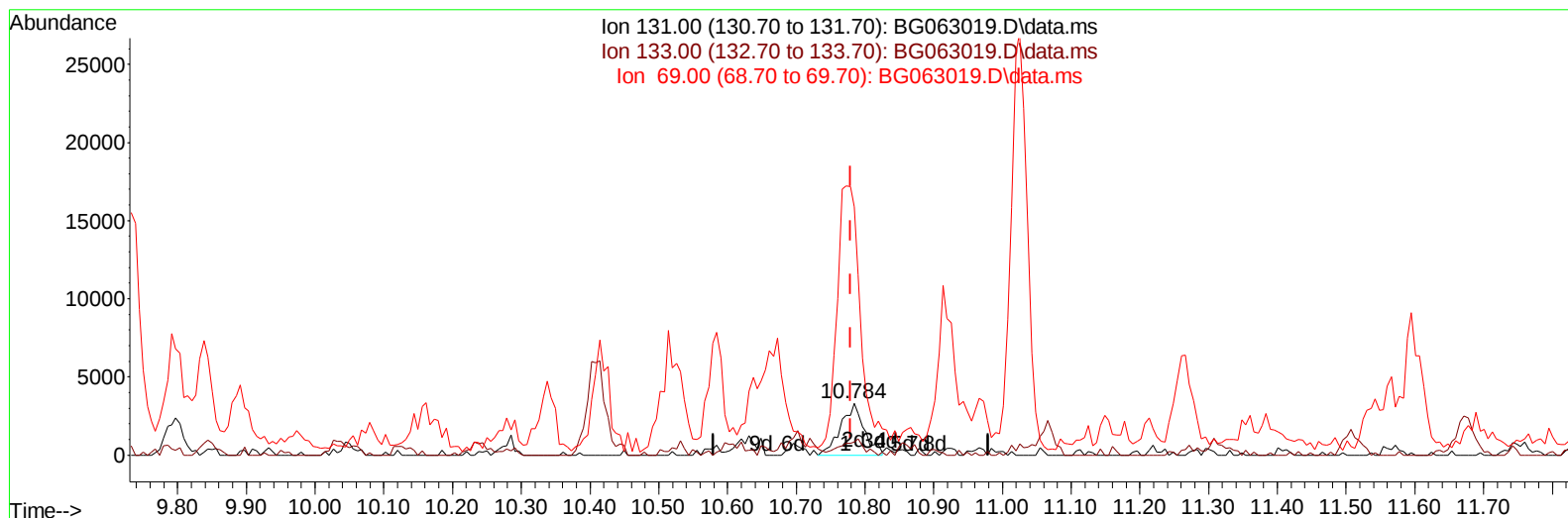
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063019.D
Acq On : 24 Sep 2024 8:56
Operator : RC/JU
Sample : P3879-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC33

Manual IntegrationsAPPROVED

Quant Time: Sep 24 10:59:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



TIC: BG063019.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.784min (+ 0.005) 4.79 ng/ul m

response 7799

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.50	25.38
69.00	20.10	477.51#
0.00	0.00	0.00

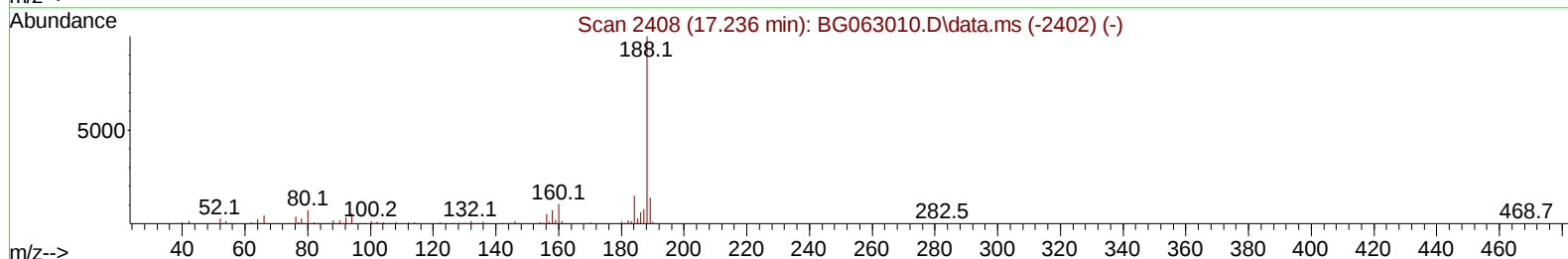
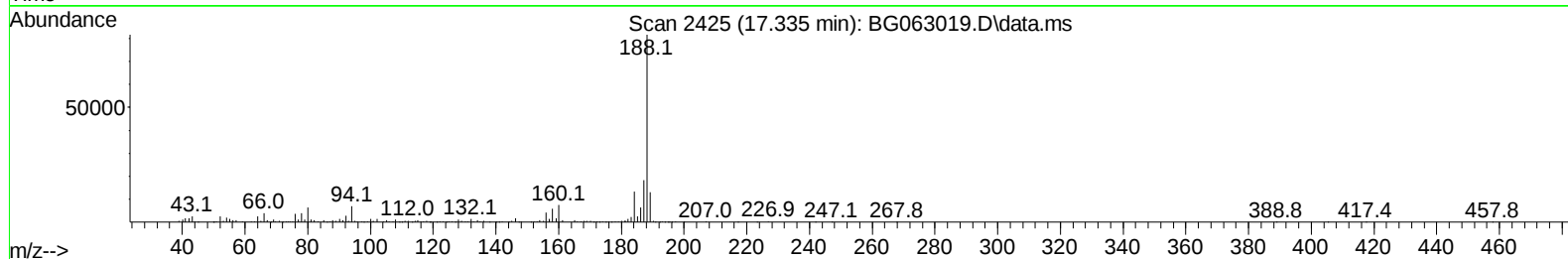
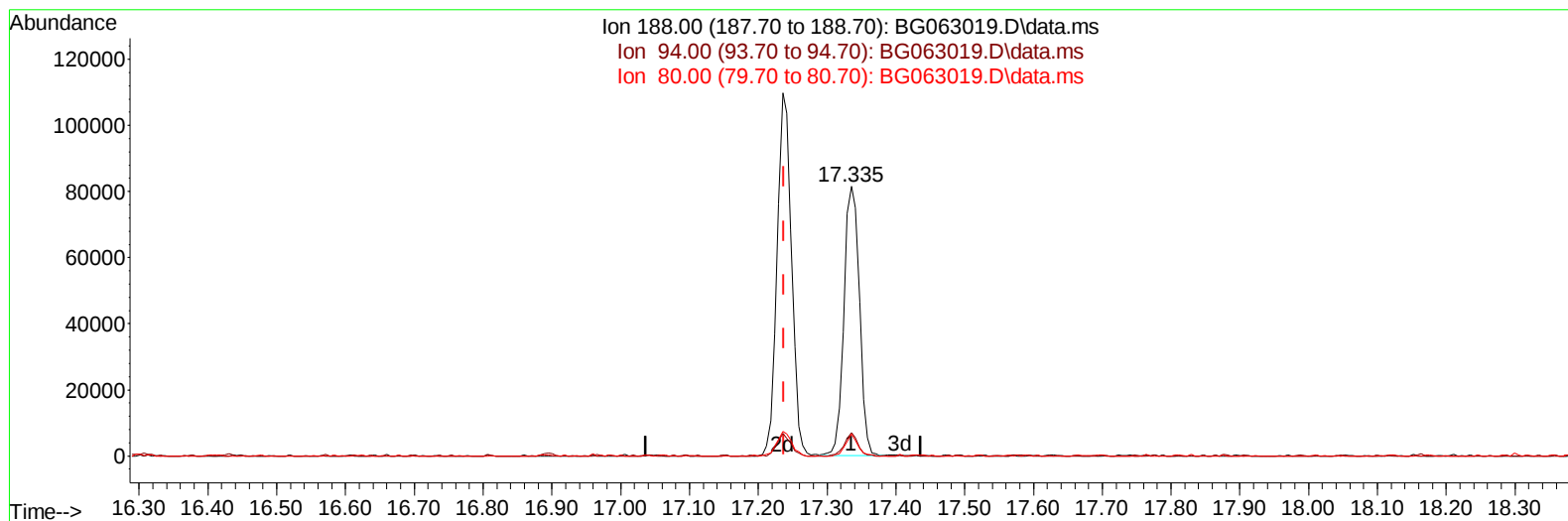
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
 Data File : BG063019.D
 Acq On : 24 Sep 2024 8:56
 Operator : RC/JU
 Sample : P3879-15
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC33

Manual IntegrationsAPPROVED

Quant Time: Sep 24 10:59:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 18 00:45:18 2024
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Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :mohammad ahmed 09/26/2024



TIC: BG063019.D\data.ms

(64) Phenanthrene-d10 (I)

17.335min (+ 0.099) 20.00 ng/u1

response 126082

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	8.20	8.64
80.00	8.70	8.14
0.00	0.00	0.00

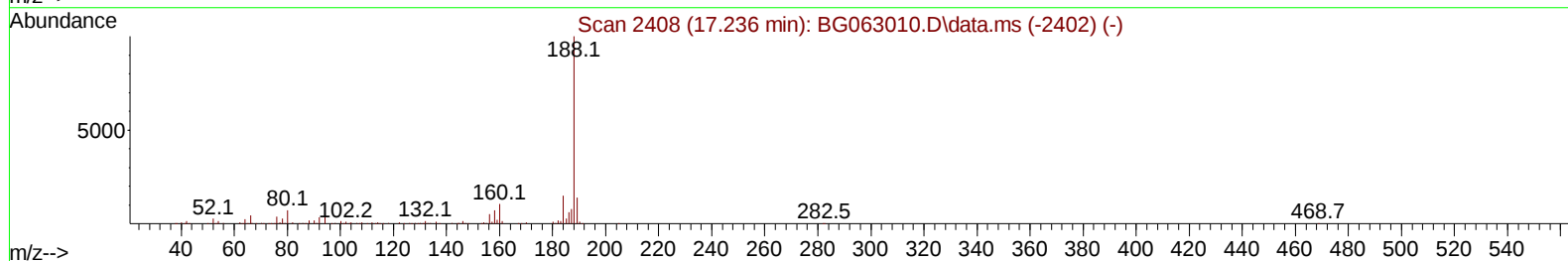
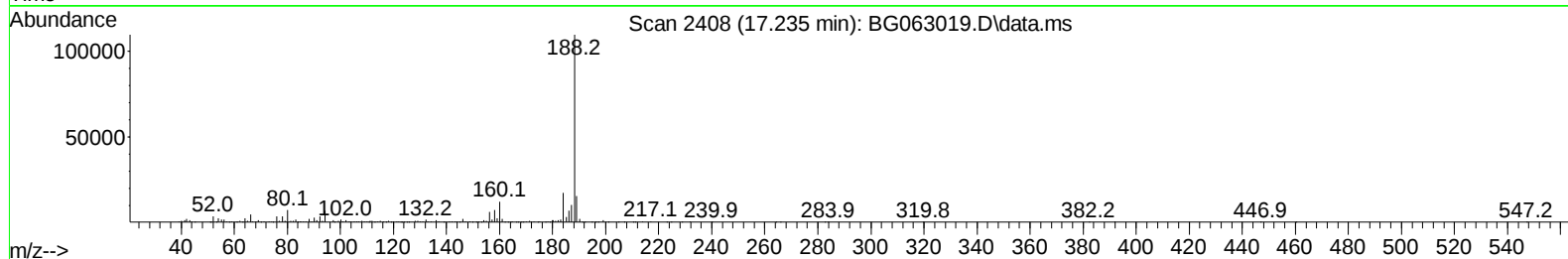
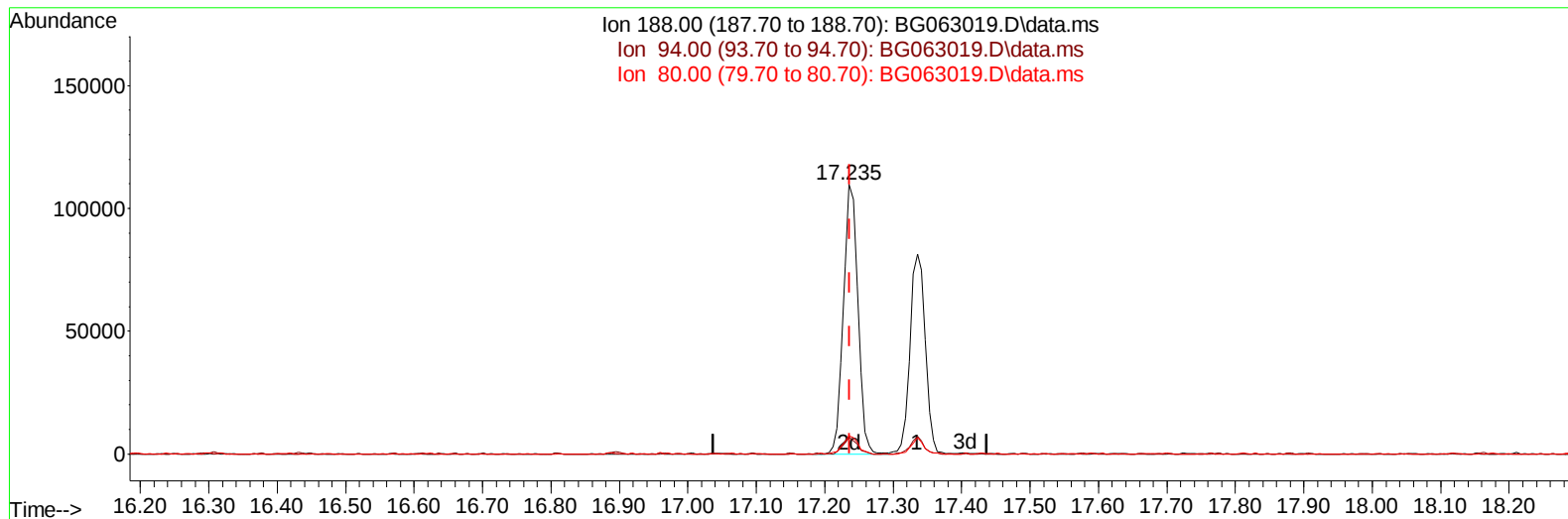
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063019.D
Acq On : 24 Sep 2024 8:56
Operator : RC/JU
Sample : P3879-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC33

Manual IntegrationsAPPROVED

Quant Time: Sep 24 10:59:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



TIC: BG063019.D\data.ms

(64) Phenanthrene-d10 (I)

17.235min (-0.001) 20.00 ng/ul m

response 161159

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	8.20	6.21#
80.00	8.70	6.73#
0.00	0.00	0.00

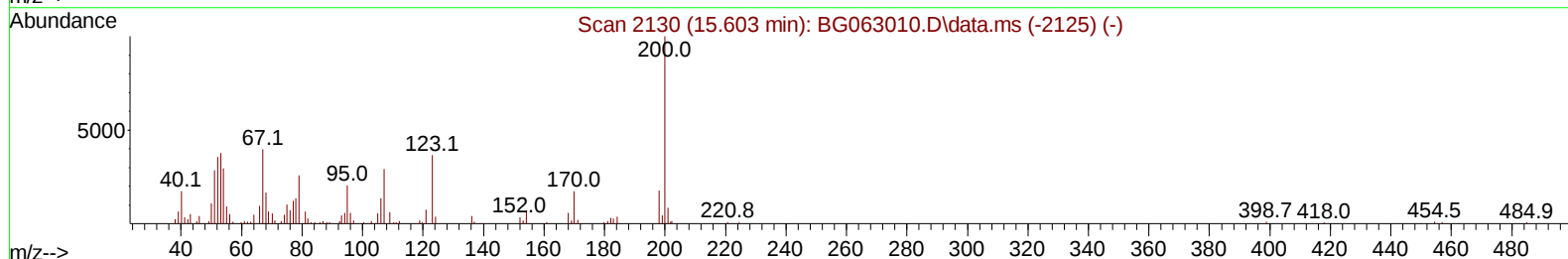
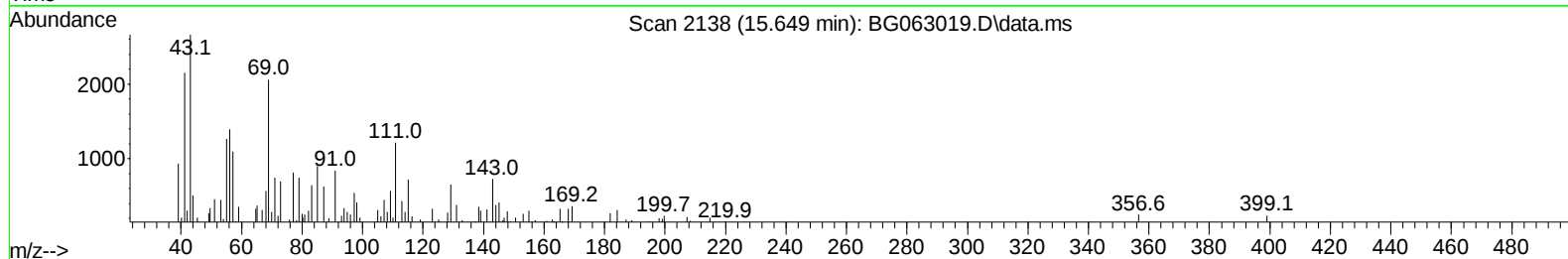
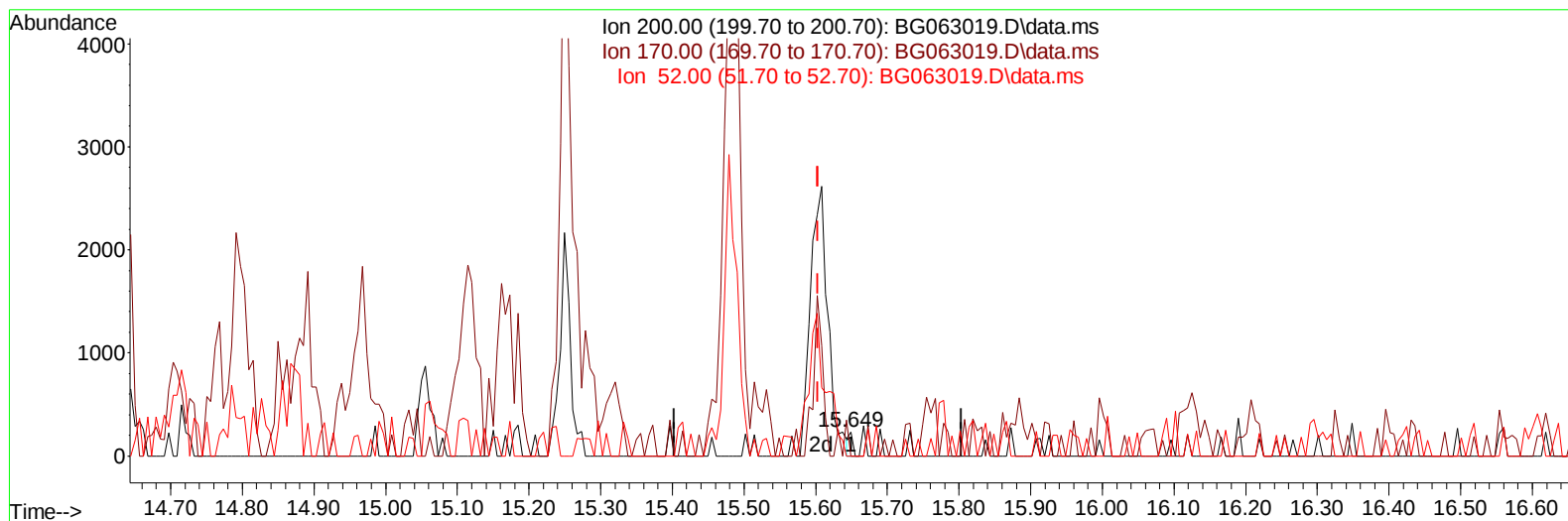
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063019.D
Acq On : 24 Sep 2024 8:56
Operator : RC/JU
Sample : P3879-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC33

Manual IntegrationsAPPROVED

Quant Time: Sep 24 11:04:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



TIC: BG063019.D\data.ms

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

15.649min (+ 0.046) 0.08 ng/u1

response 82

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.60	0.00#
52.00	36.60	0.00#
0.00	0.00	0.00

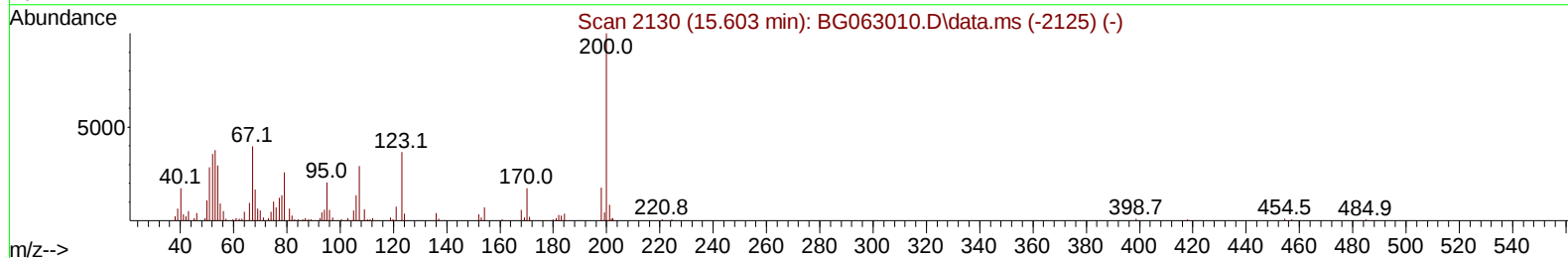
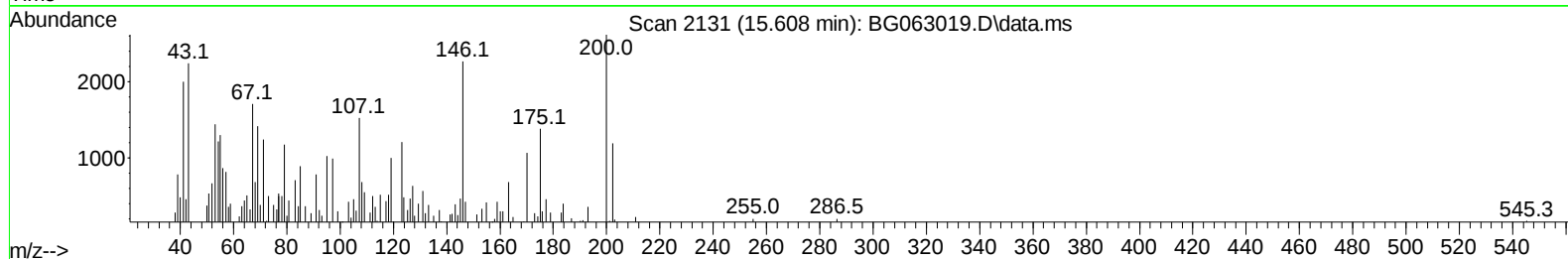
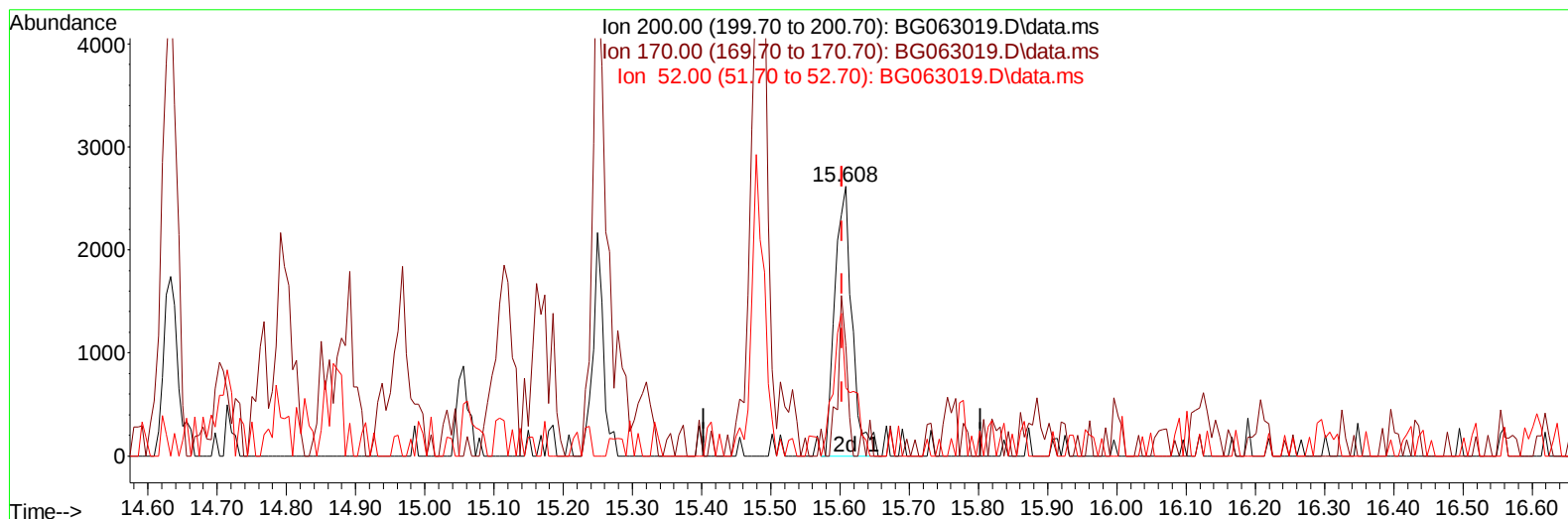
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063019.D
Acq On : 24 Sep 2024 8:56
Operator : RC/JU
Sample : P3879-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC33

Manual IntegrationsAPPROVED

Quant Time: Sep 24 11:04:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



TIC: BG063019.D\data.ms

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

15.608min (+ 0.005) 4.66 ng/ul m

response 4537

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.60	40.84#
52.00	36.60	25.35#
0.00	0.00	0.00

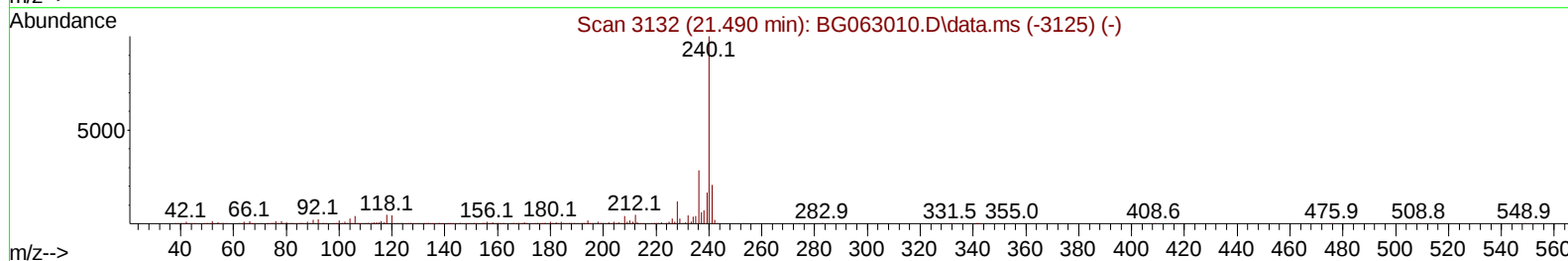
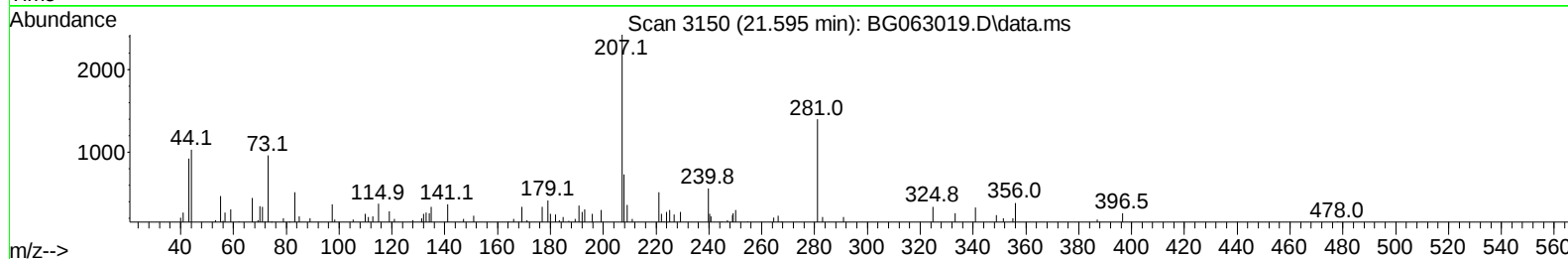
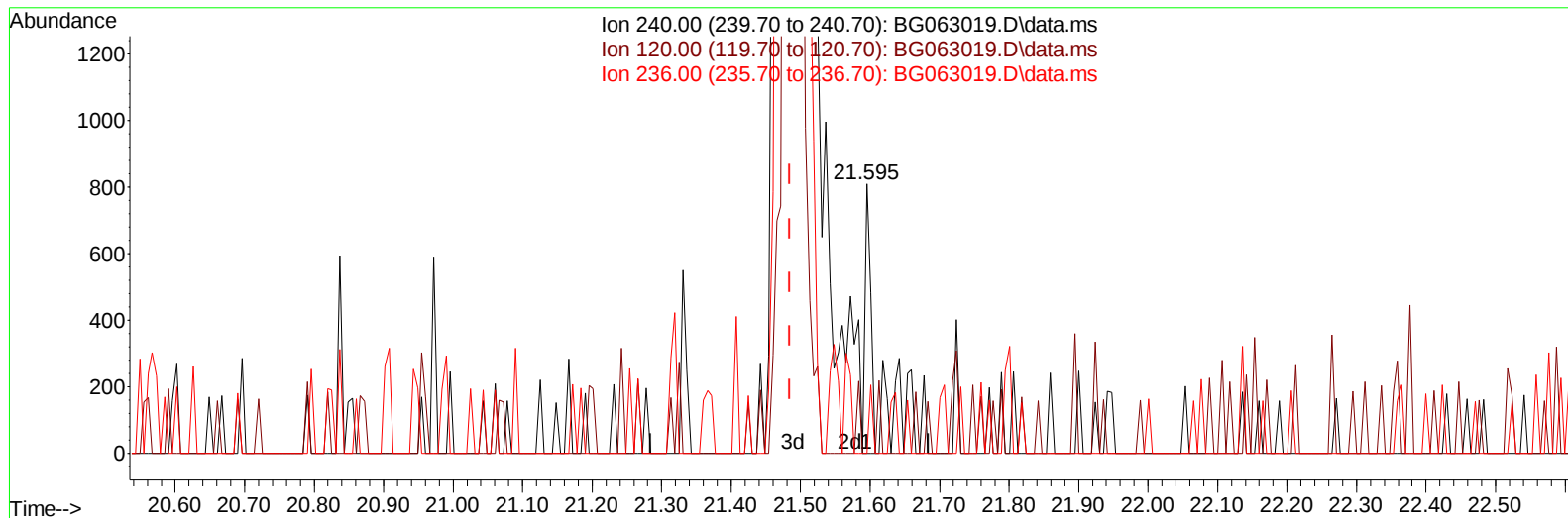
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063019.D
Acq On : 24 Sep 2024 8:56
Operator : RC/JU
Sample : P3879-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC33

Manual IntegrationsAPPROVED

Quant Time: Sep 24 11:04:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



TIC: BG063019.D\data.ms

(79) Chrysene-d12 (I)

21.595min (+ 0.110) 20.00 ng/u1

response 455

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	7.60	0.00#
236.00	26.60	0.00#
0.00	0.00	0.00

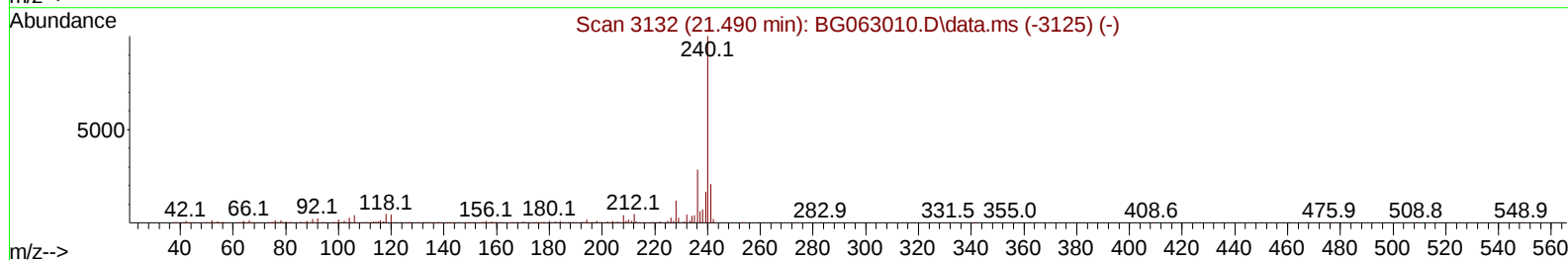
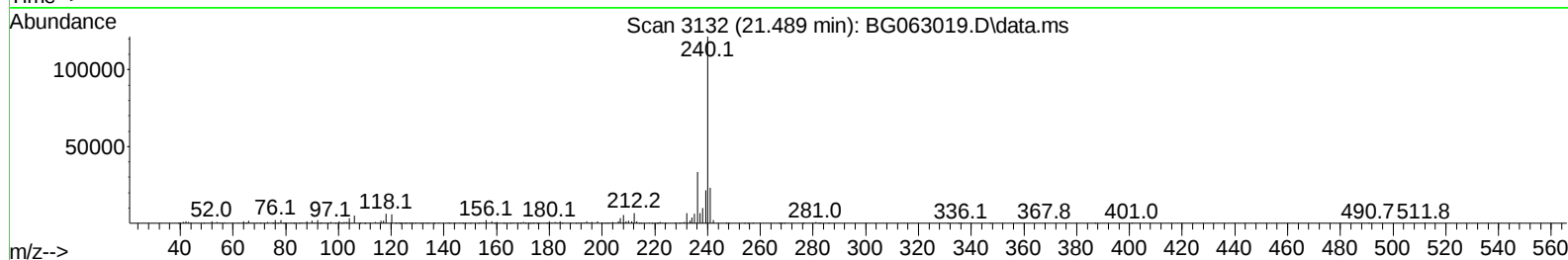
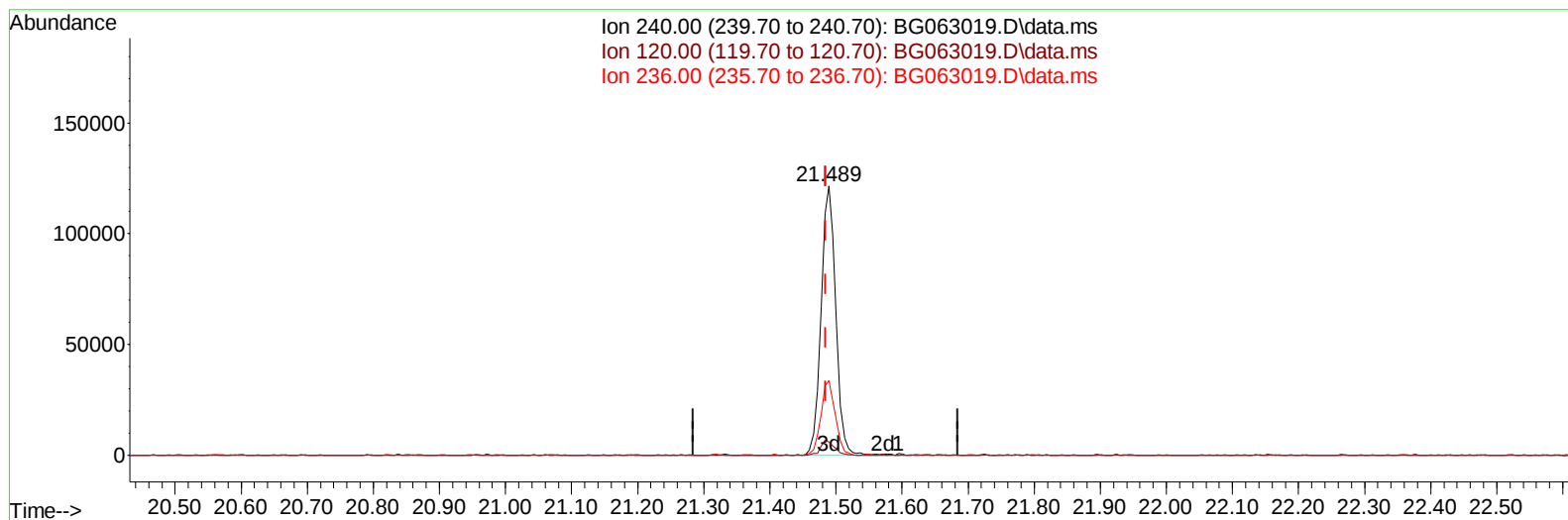
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
 Data File : BG063019.D
 Acq On : 24 Sep 2024 8:56
 Operator : RC/JU
 Sample : P3879-15
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC33

Manual IntegrationsAPPROVED

Quant Time: Sep 24 11:04:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 18 00:45:18 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :mohammad ahmed 09/26/2024



TIC: BG063019.D\data.ms

(79) Chrysene-d12 (I)

21.489min (+ 0.005) 20.00 ng/ul m

response 189310

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	7.60	4.93#
236.00	26.60	27.61
0.00	0.00	0.00

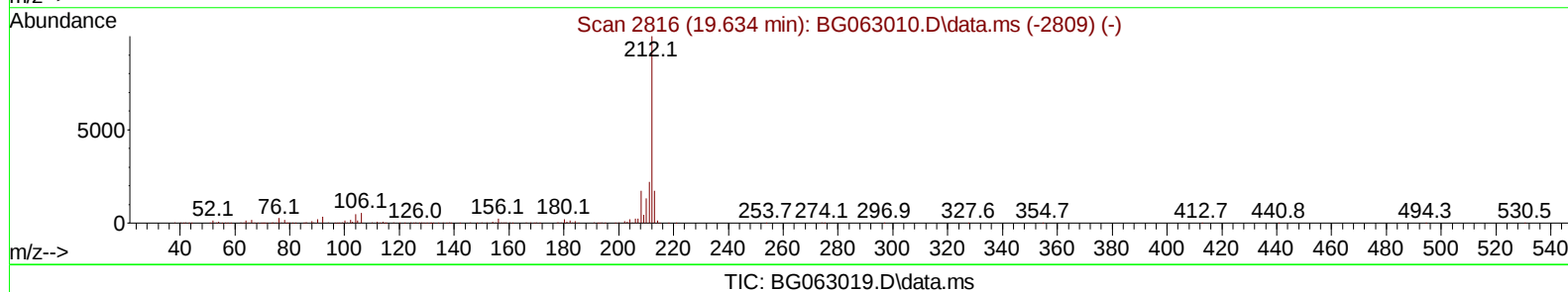
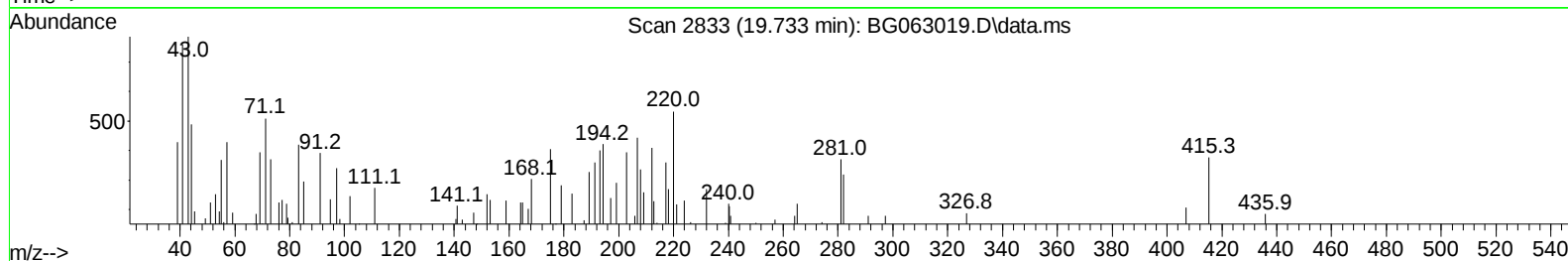
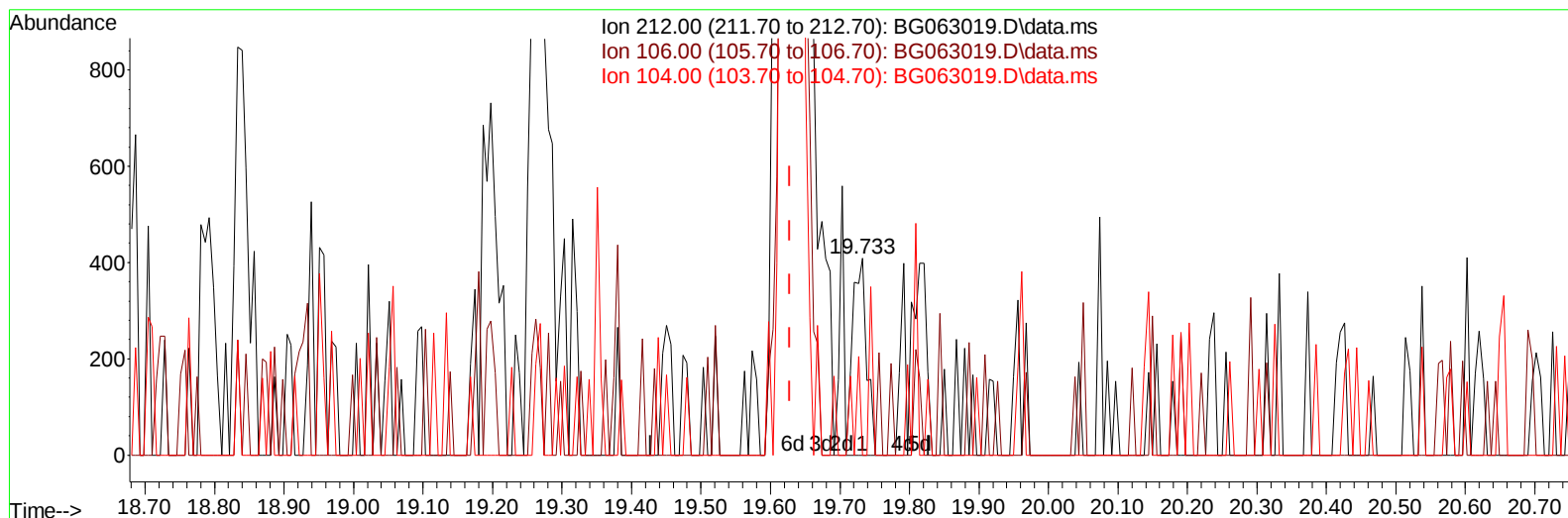
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063019.D
Acq On : 24 Sep 2024 8:56
Operator : RC/JU
Sample : P3879-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC33

Manual IntegrationsAPPROVED

Quant Time: Sep 24 11:05:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



(81) Pyrene-d10 (S)

19.733min (+ 0.104) 0.05 ng/u1

response 568

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	10.50	0.00#
104.00	7.40	0.00#
0.00	0.00	0.00

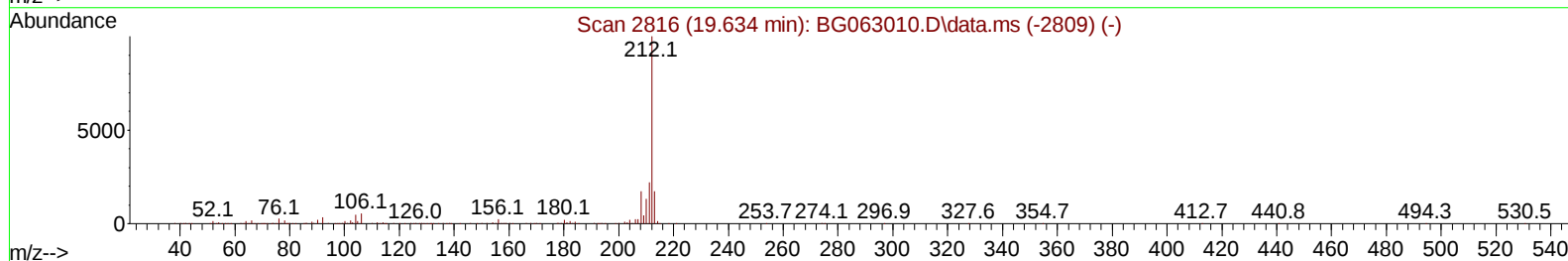
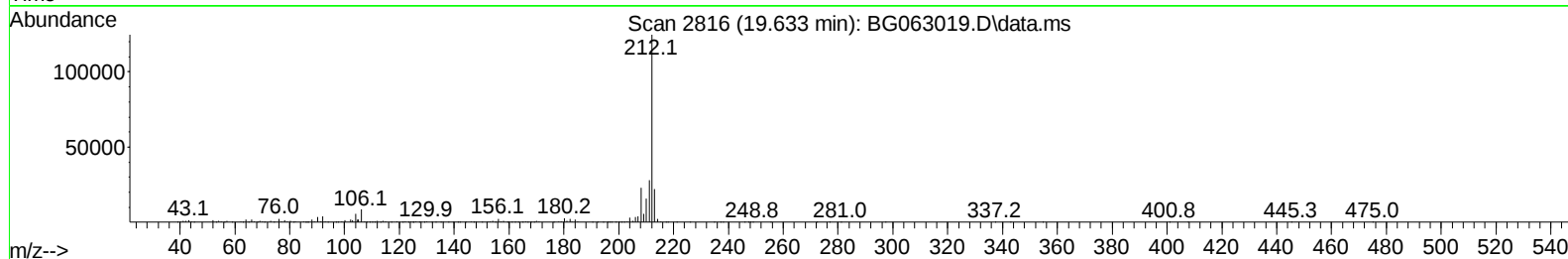
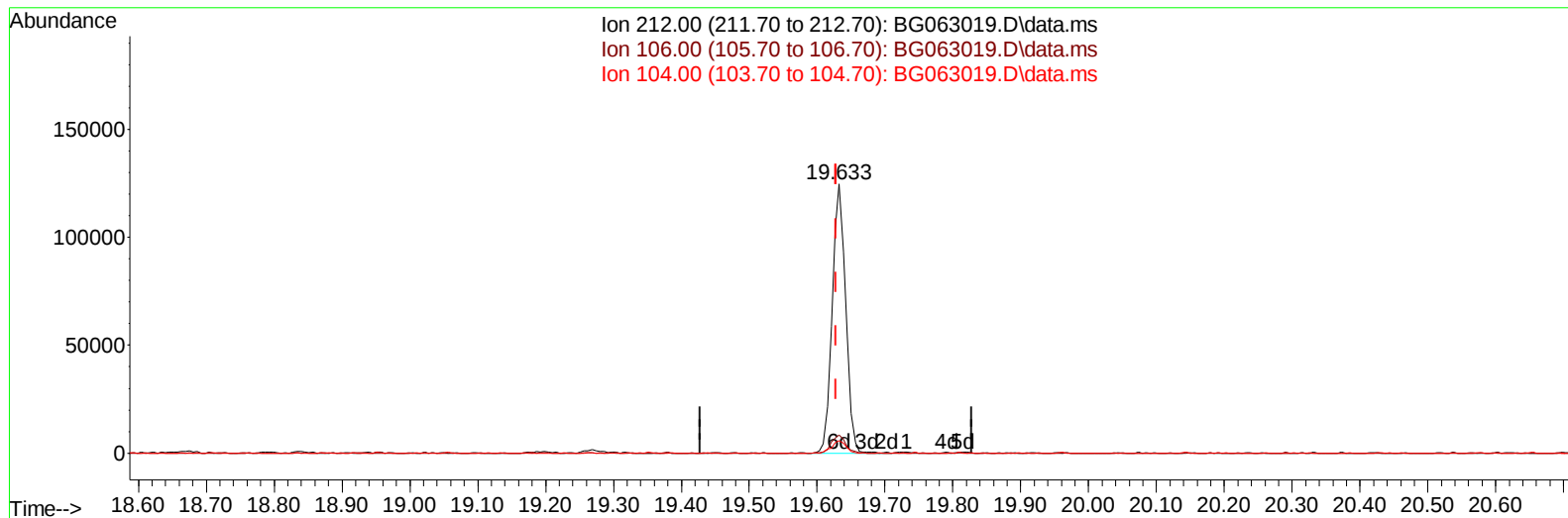
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063019.D
Acq On : 24 Sep 2024 8:56
Operator : RC/JU
Sample : P3879-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC33

Manual IntegrationsAPPROVED

Quant Time: Sep 24 11:05:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



TIC: BG063019.D\data.ms

(81) Pyrene-d10 (S)

19.633min (+ 0.005) 15.01 ng/ul m

response 172143

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	10.50	6.75#
104.00	7.40	4.59#
0.00	0.00	0.00

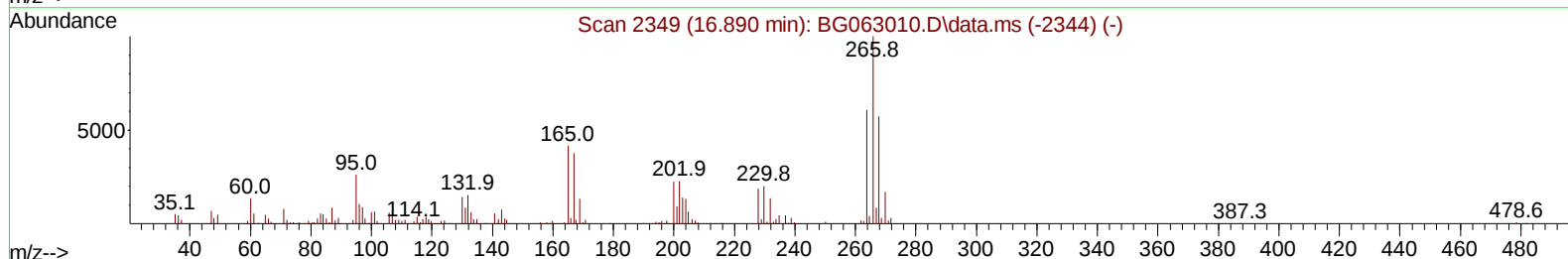
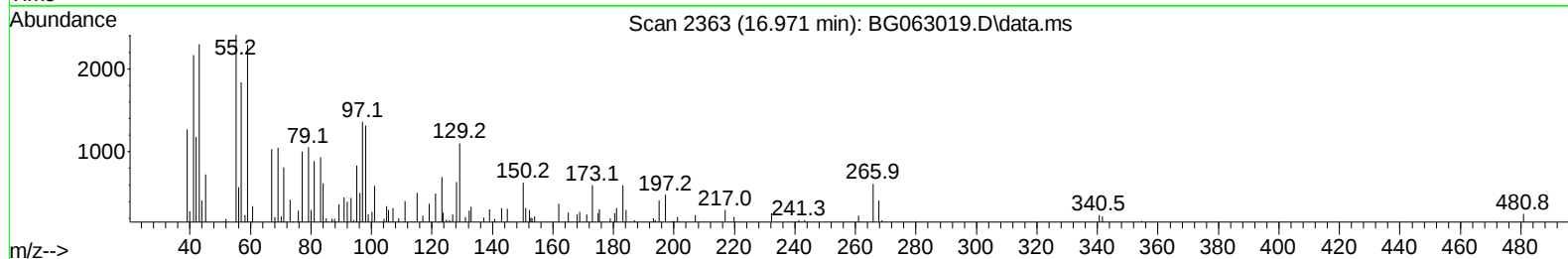
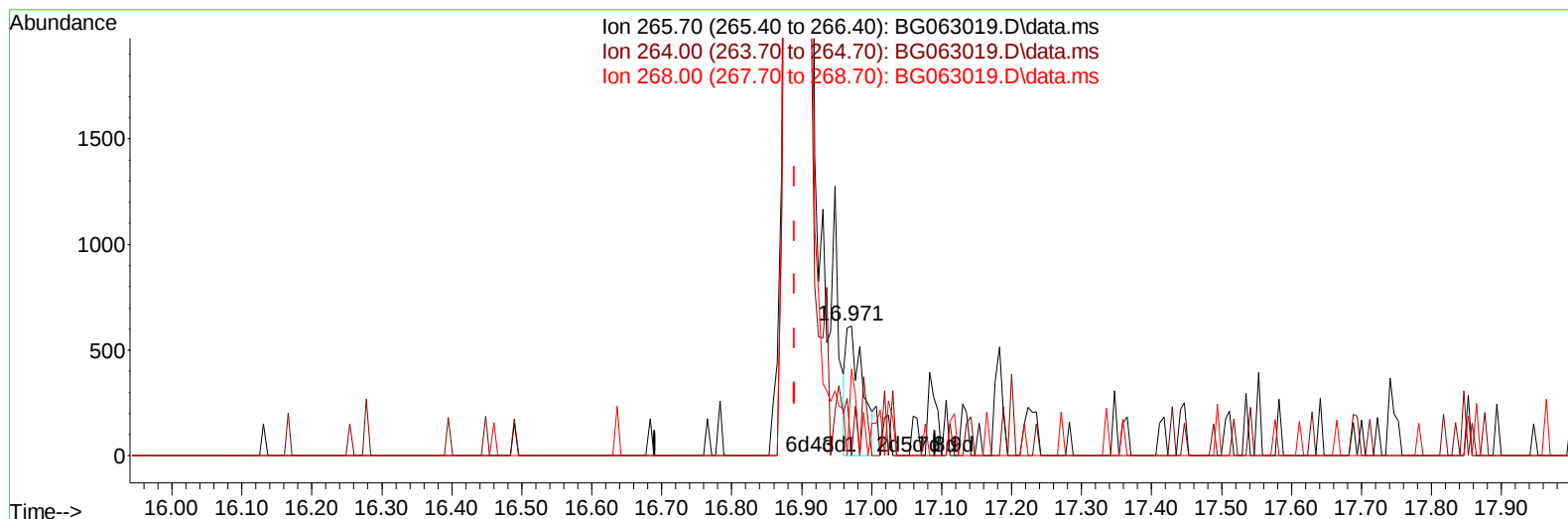
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063019.D
Acq On : 24 Sep 2024 8:56
Operator : RC/JU
Sample : P3879-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC33

Manual IntegrationsAPPROVED

Quant Time: Sep 24 11:06:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



TIC: BG063019.D\data.ms

(71) Pentachlorophenol (C)

16.971min (+ 0.081) 0.84 ng/u1

response 996

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	53.70	0.00#
268.00	59.00	66.50
0.00	0.00	0.00

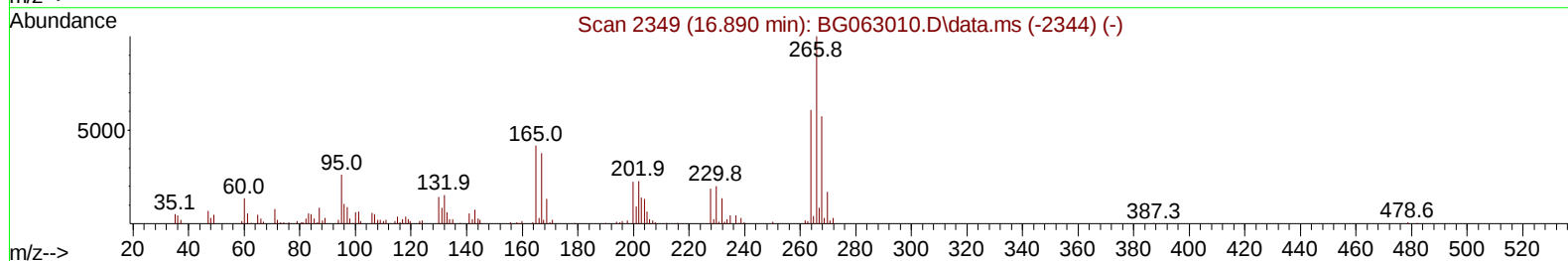
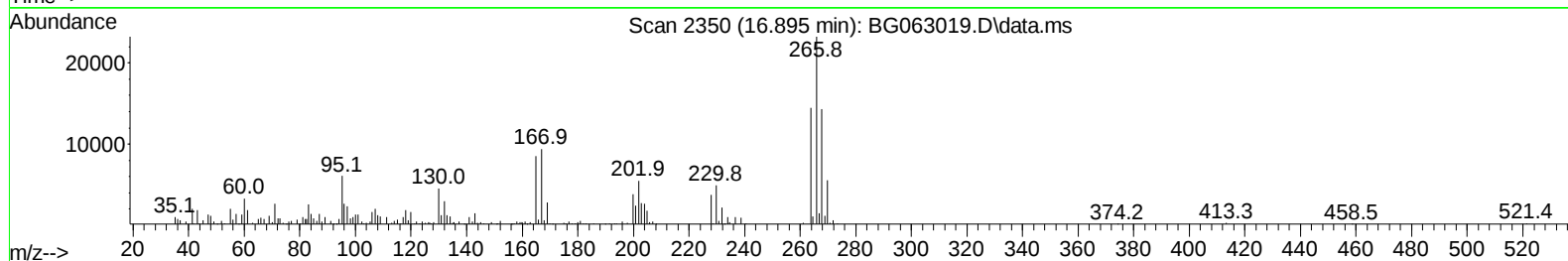
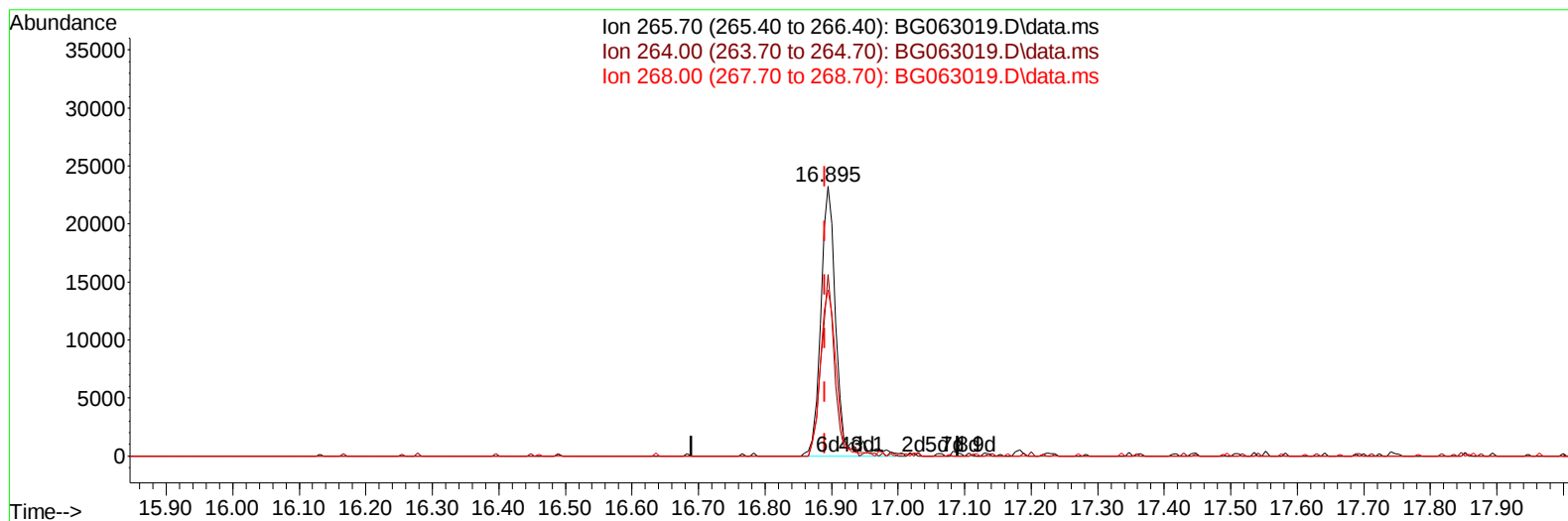
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063019.D
Acq On : 24 Sep 2024 8:56
Operator : RC/JU
Sample : P3879-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC33

Manual IntegrationsAPPROVED

Quant Time: Sep 24 11:06:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



TIC: BG063019.D\data.ms

(71) Pentachlorophenol (C)

16.895min (+ 0.005) 32.06 ng/ul m

response 37820

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	53.70	62.43
268.00	59.00	61.56
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :mohammad ahmed 09/26/2024

Quant Time: Sep 24 11:07:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 18 00:45:18 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	17529	20.000	ng/ul	0.00
20) Naphthalene-d8	10.643	136	69833	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.492	164	68358	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.235	188	161159m	20.000	ng/ul	0.00
79) Chrysene-d12	21.489	240	189310m	20.000	ng/ul	0.00
88) Perylene-d12	24.527	264	230298	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	1208m	2.019	ng/uL	-0.01
4) Pyridine-d5	3.728	84	9756	6.005	ng/ul	0.00
7) Phenol-d5	7.047	99	11051	6.076	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.188	67	11037	10.843	ng/ul	0.00
11) 2-Chlorophenol-d4	7.400	132	8783	7.355	ng/ul	0.01
15) 4-Methylphenol-d8	8.563	113	16388	12.299	ng/ul	0.00
21) Nitrobenzene-d5	9.010	128	8452	15.192	ng/ul	0.00
24) 2-Nitrophenol-d4	9.727	143	5434	8.610	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.273	165	10768	8.223	ng/ul	0.00
31) 4-Chloroaniline-d4	10.784	131	7799m	4.786	ng/ul	0.00
46) Dimethylphthalate-d6	13.892	166	73668	14.492	ng/ul	0.00
49) Acenaphthylene-d8	14.180	160	75828	13.356	ng/ul	0.00
54) 4-Nitrophenol-d4	14.715	143	4927	6.048	ng/ul	0.02
60) Fluorene-d10	15.485	176	75737	16.001	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.608	200	4537m	4.657	ng/ul	0.00
73) Anthracene-d10	17.335	188	125840	16.522	ng/ul	0.00
81) Pyrene-d10	19.633	212	172143m	15.013	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.321	264	193197	15.907	ng/ul	0.01
Target Compounds						
					Qvalue	
23) Isophorone	9.568	82	86128	26.185	ng/ul	98
30) Naphthalene	10.696	128	53444	13.783	ng/ul	98
36) 2-Methylnaphthalene	12.306	142	27825	9.958	ng/ul	90
37) 1-Methylnaphthalene	12.529	142	17053	6.030	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.126	232	18103	12.684	ng/ul#	87
71) Pentachlorophenol	16.895	266	37820m	32.061	ng/ul	

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

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