

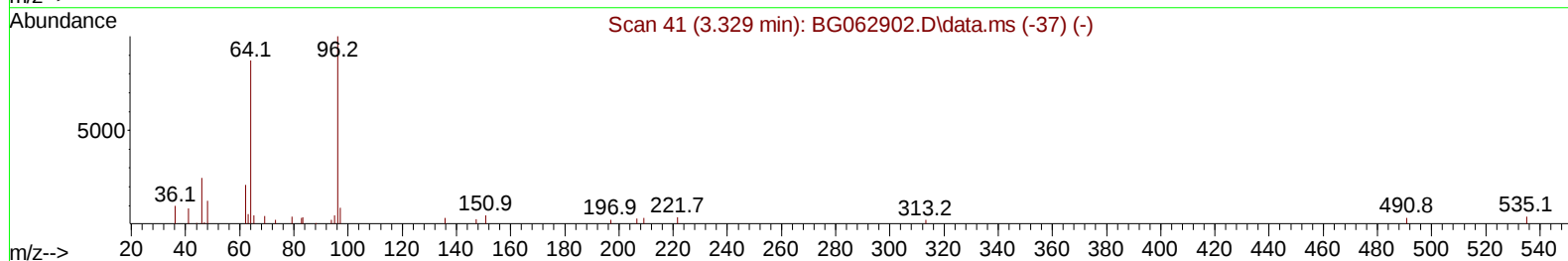
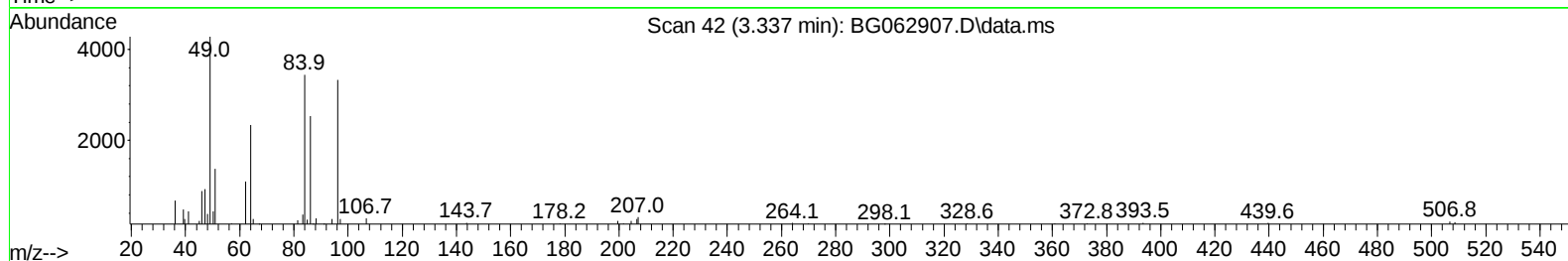
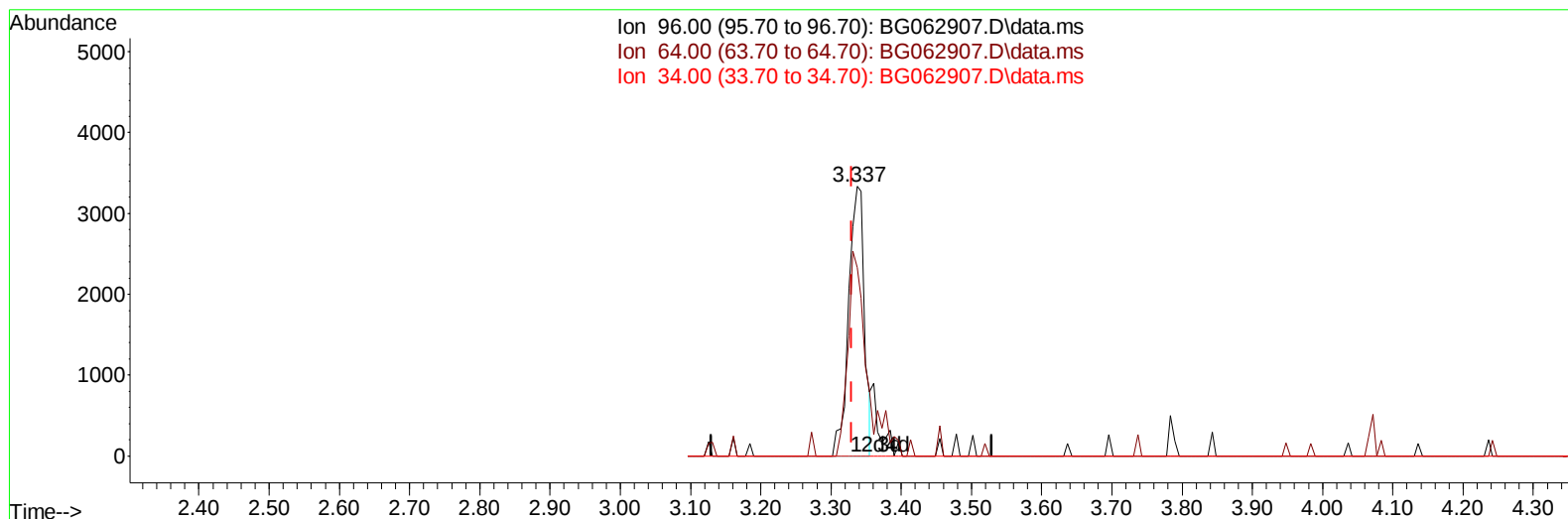
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062907.D
Acq On : 18 Sep 2024 13:50
Operator : JU/RC
Sample : P3878-08ME
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCVZ0ME

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 18 14:27:39 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: BG062907.D\data.ms

(3) 1,4-Dioxane-d8 (S)**3.337min (+ 0.007) 3.00 ng/uL****response 5184**

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	75.20	70.00
34.00	0.00	0.00
0.00	0.00	0.00

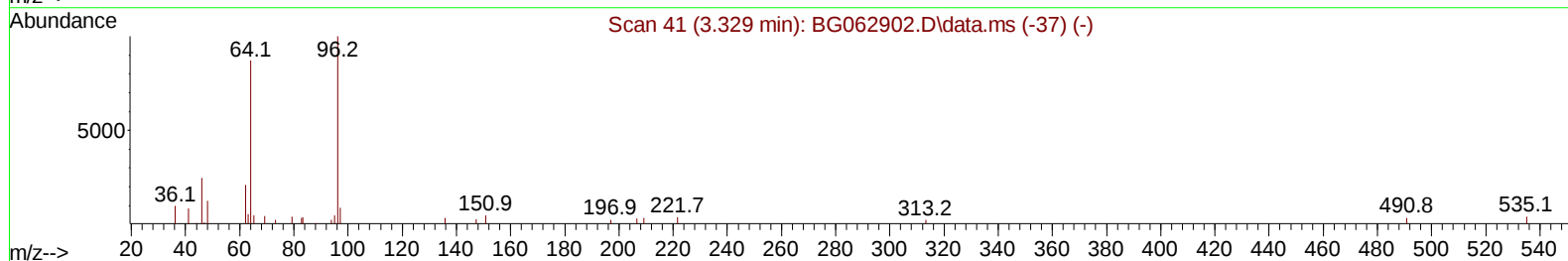
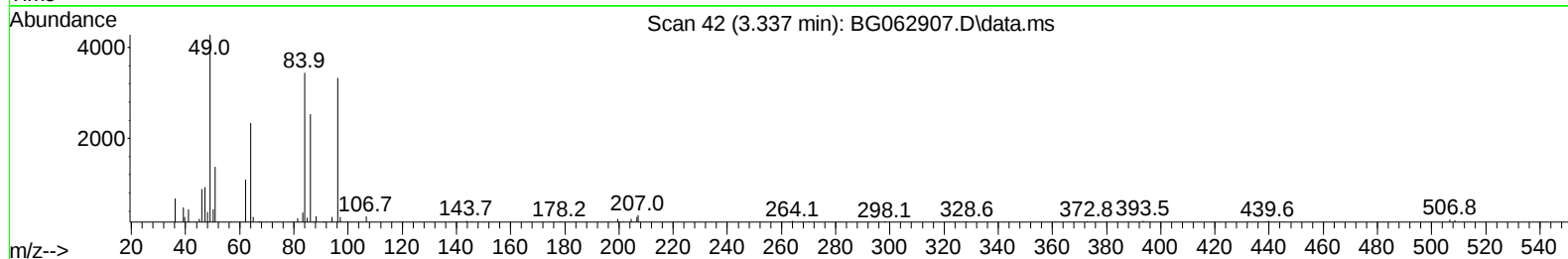
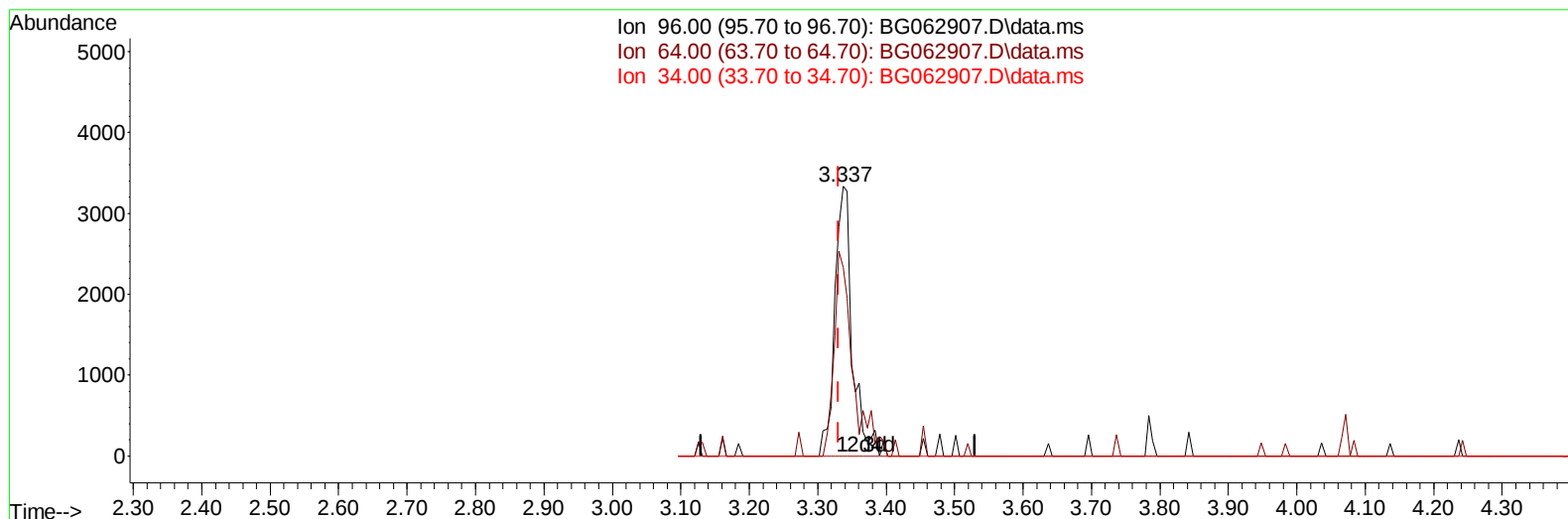
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062907.D
Acq On : 18 Sep 2024 13:50
Operator : JU/RC
Sample : P3878-08ME
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCVZ0ME

Manual IntegrationsAPPROVED

Quant Time: Sep 18 14:27:39 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 :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/22/2024



TIC: BG062907.D\data.ms

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

3.337min (+ 0.007) 3.43 ng/uL m

response 5921

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	75.20	70.00
34.00	0.00	0.00
0.00	0.00	0.00

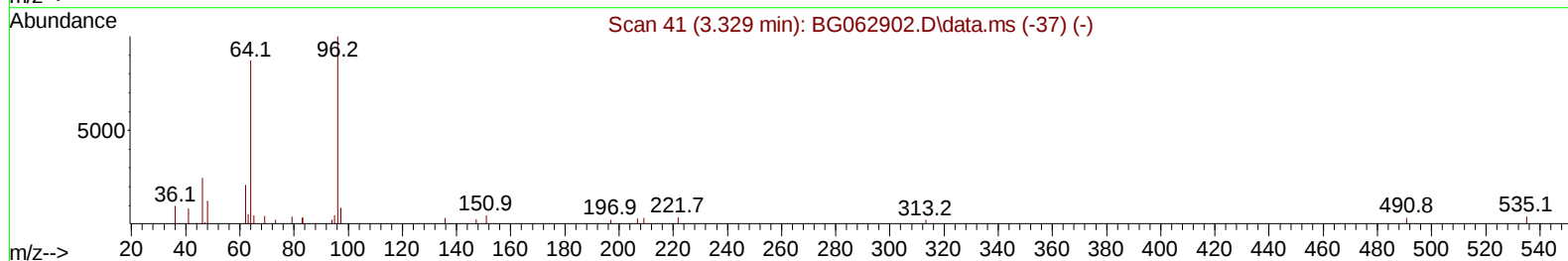
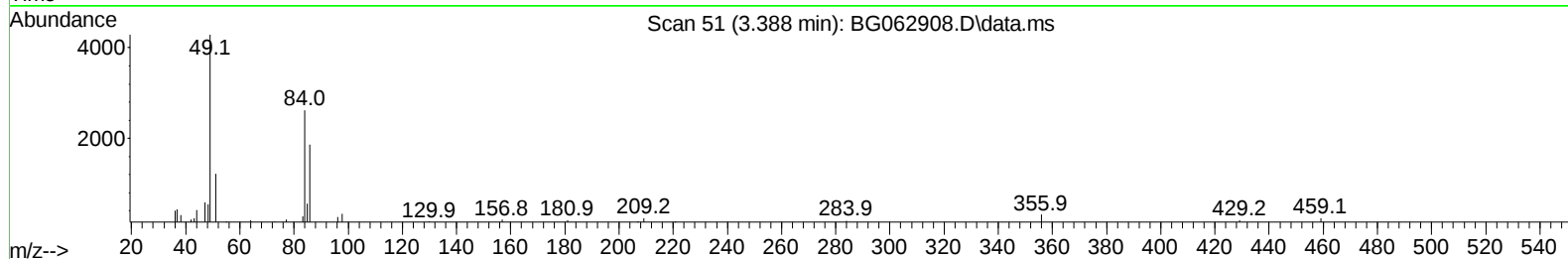
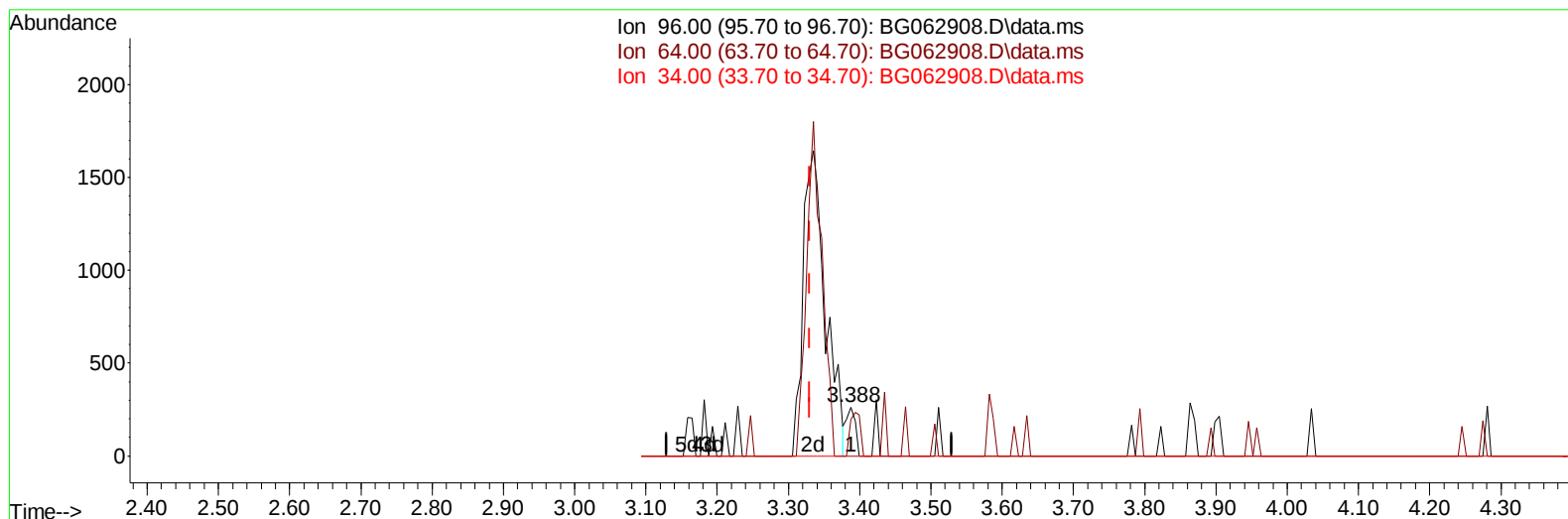
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062908.D
Acq On : 18 Sep 2024 14:29
Operator : JU/RC
Sample : P3878-12ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCVZ0ME

Manual IntegrationsAPPROVED

Quant Time: Sep 18 15:18:04 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 :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/22/2024



TIC: BG062908.D\data.ms

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

3.388min (+ 0.058) 0.14 ng/uL

response 229

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	75.20	74.52
34.00	0.00	0.00
0.00	0.00	0.00

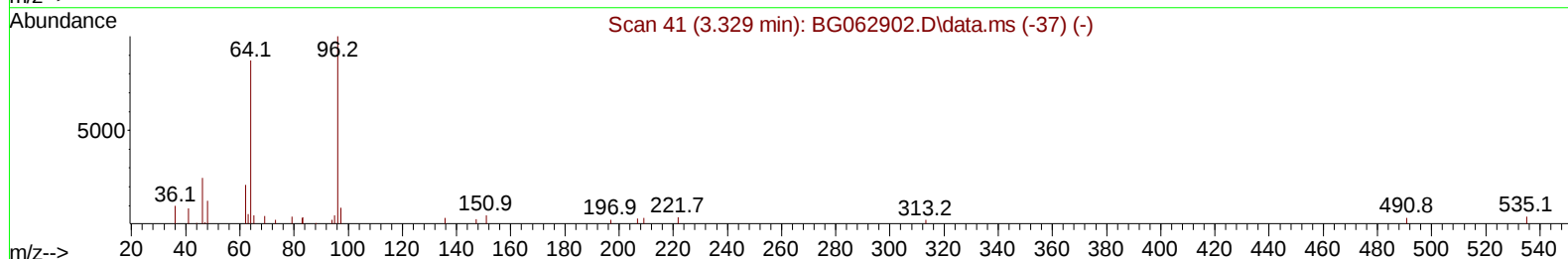
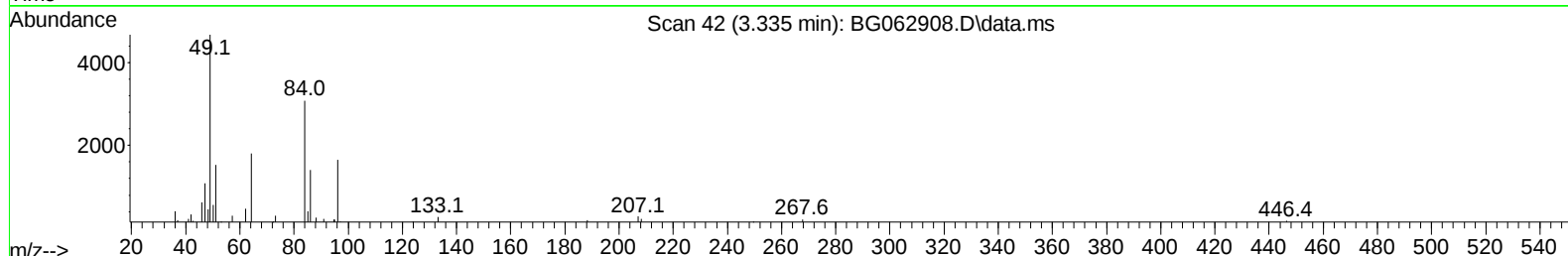
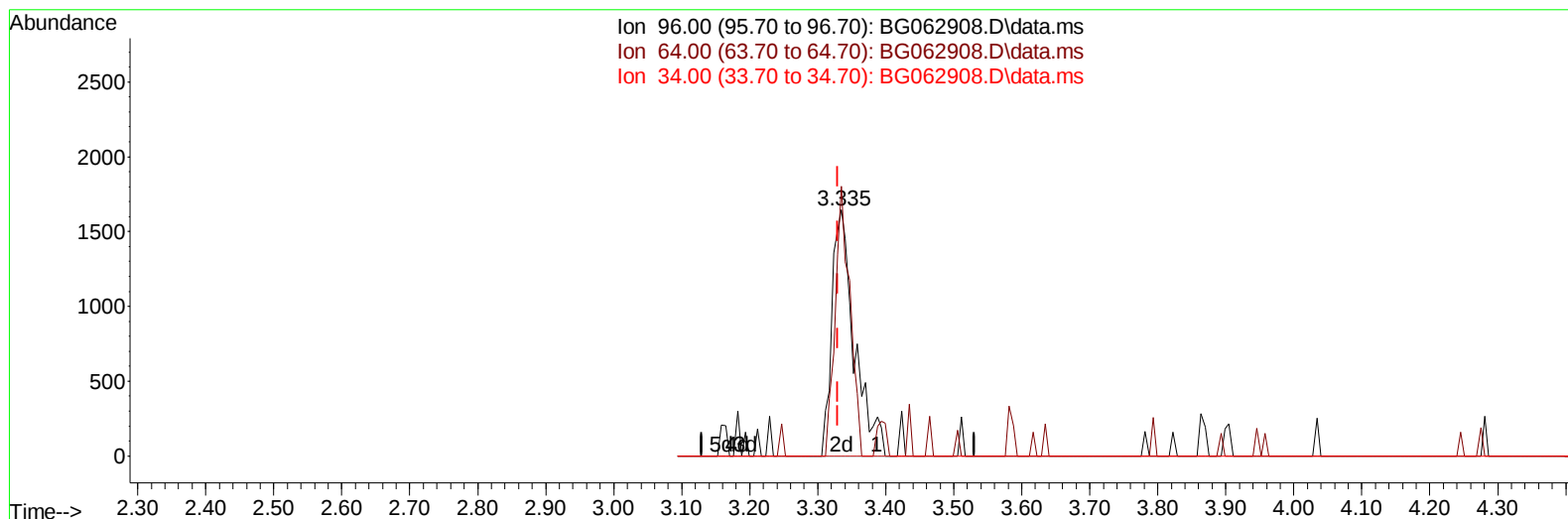
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
 Data File : BG062908.D
 Acq On : 18 Sep 2024 14:29
 Operator : JU/RC
 Sample : P3878-12ME
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCVZ0ME

Manual IntegrationsAPPROVED

Quant Time: Sep 18 15:18:04 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 :Jagrut Upadhyay 09/19/2024
 Supervised By :mohammad ahmed 09/22/2024



TIC: BG062908.D\data.ms

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

3.335min (+ 0.005) 2.27 ng/uL m

response 3780

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	75.20	109.48#
34.00	0.00	0.00
0.00	0.00	0.00

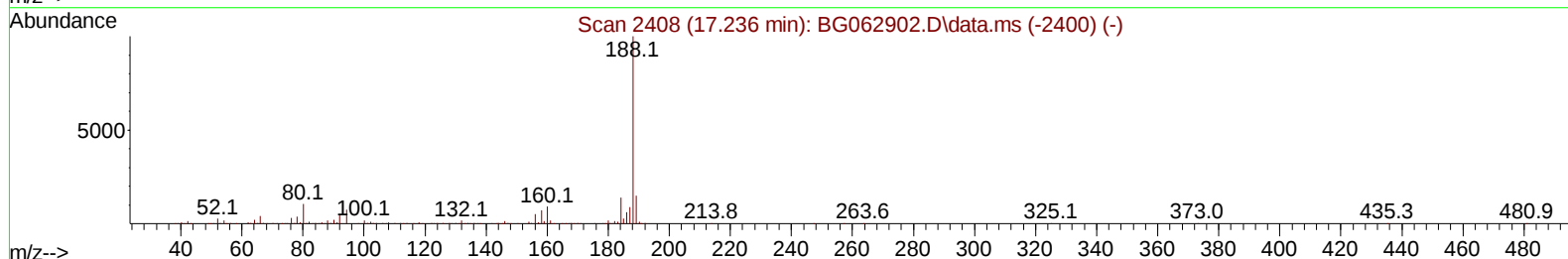
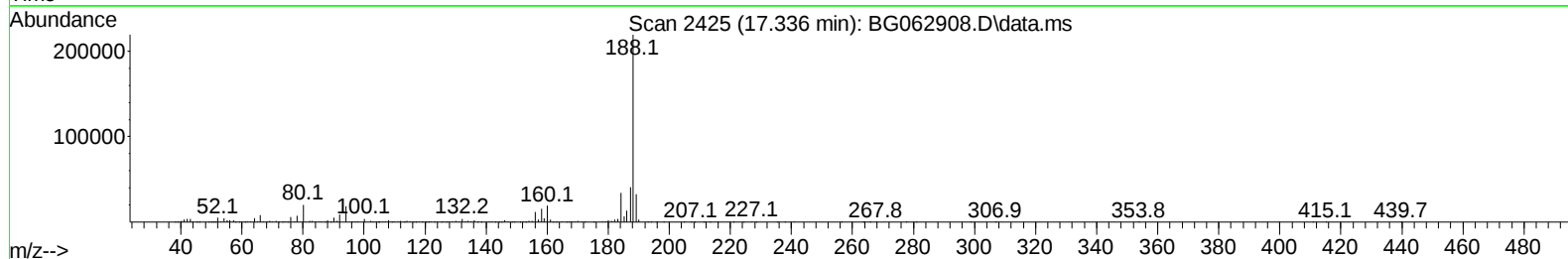
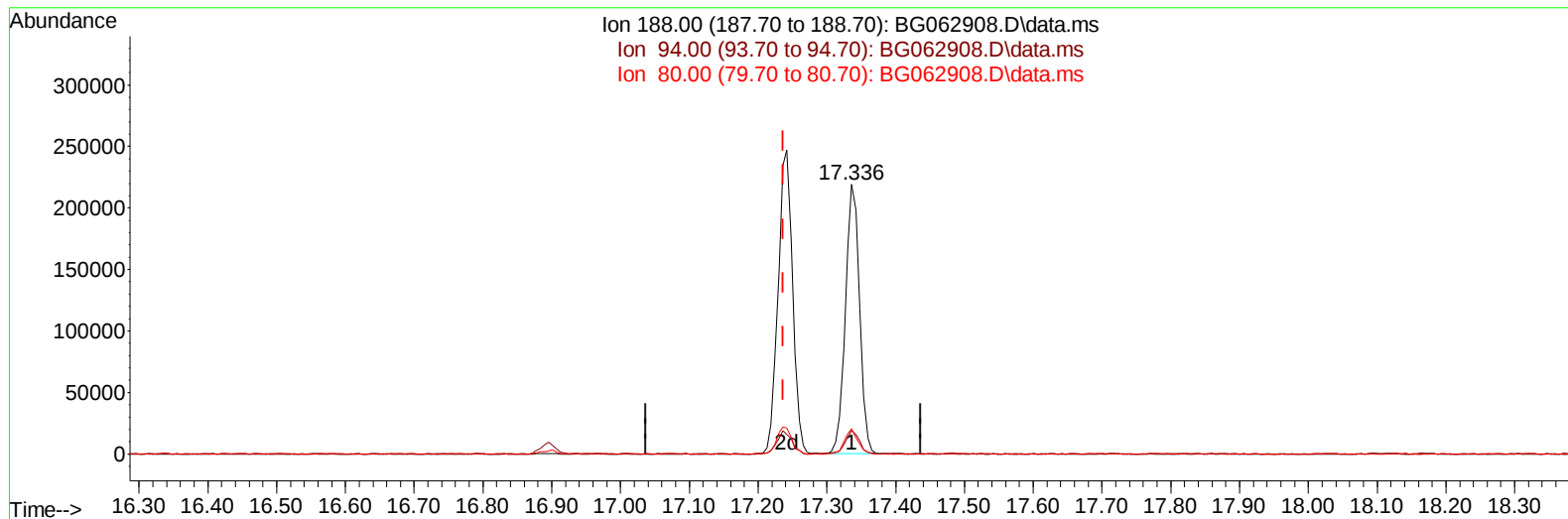
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062908.D
Acq On : 18 Sep 2024 14:29
Operator : JU/RC
Sample : P3878-12ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCVZ0ME

Manual IntegrationsAPPROVED

Quant Time: Sep 18 15:18:04 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 :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/22/2024



TIC: BG062908.D\data.ms

(64) Phenanthrene-d10 (I)

17.336min (+ 0.099) 20.00 ng/u1

response 313589

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	8.20	8.64
80.00	8.70	9.31
0.00	0.00	0.00

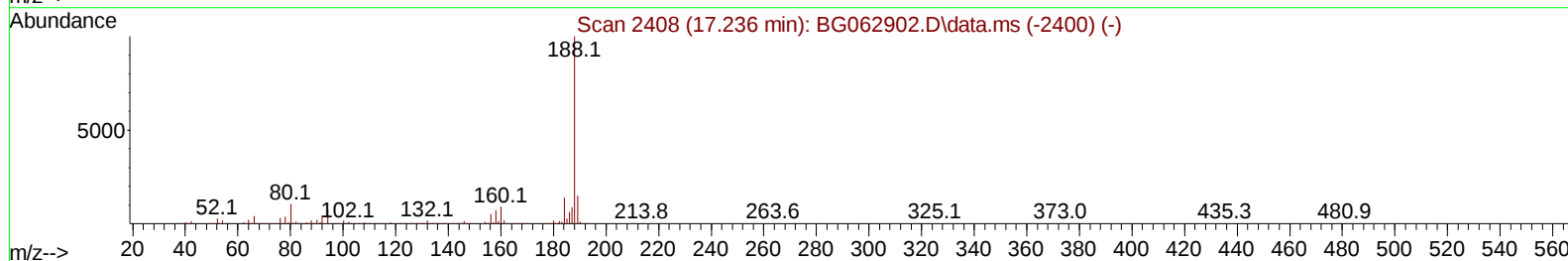
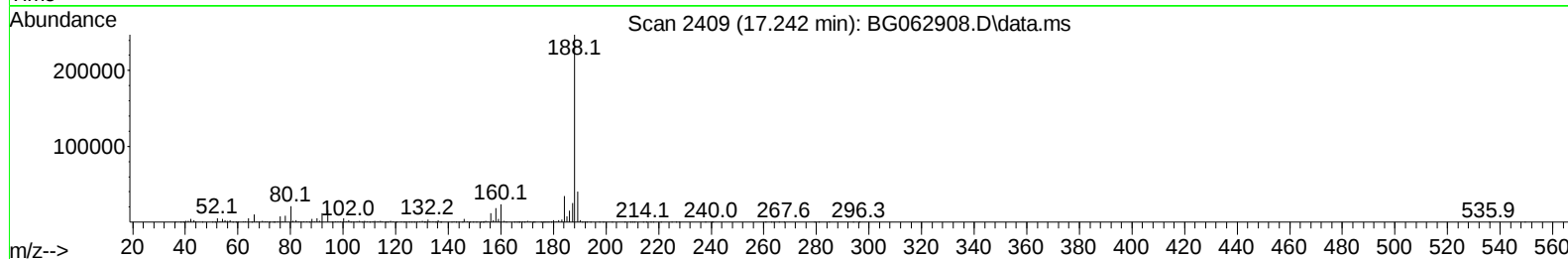
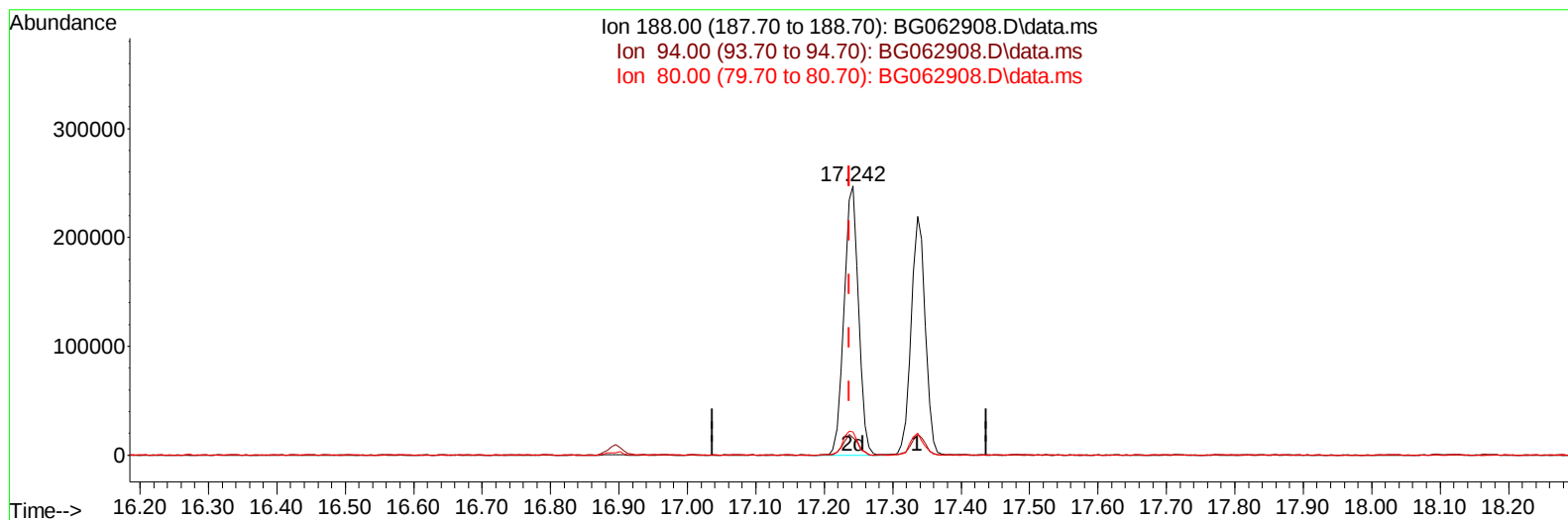
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062908.D
Acq On : 18 Sep 2024 14:29
Operator : JU/RC
Sample : P3878-12ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCVZ0ME

Manual IntegrationsAPPROVED

Quant Time: Sep 18 15:18:04 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 :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/22/2024



TIC: BG062908.D\data.ms

(64) Phenanthrene-d10 (I)

17.242min (+ 0.005) 20.00 ng/ul m

response 362413

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	8.20	6.41#
80.00	8.70	8.56
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062908.D
Acq On : 18 Sep 2024 14:29
Operator : JU/RC
Sample : P3878-12ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

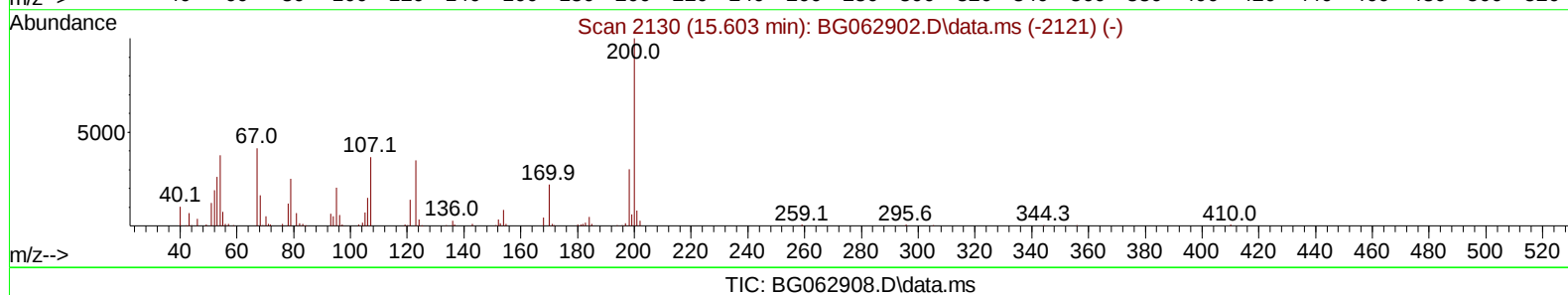
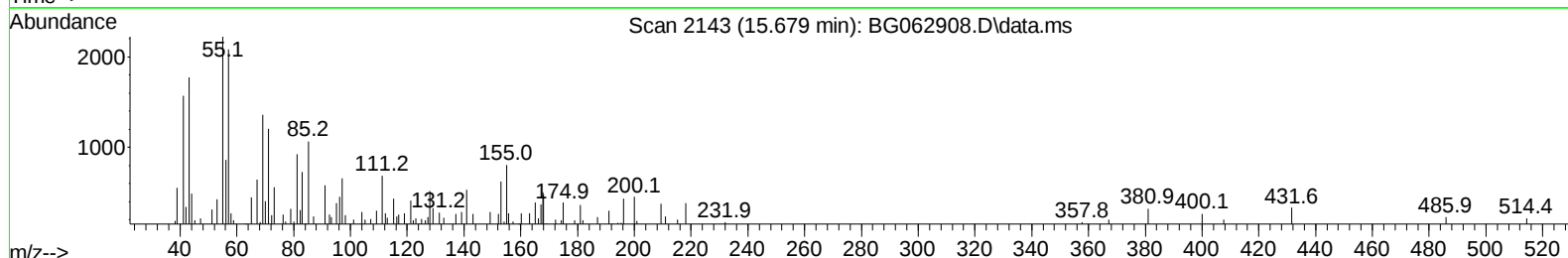
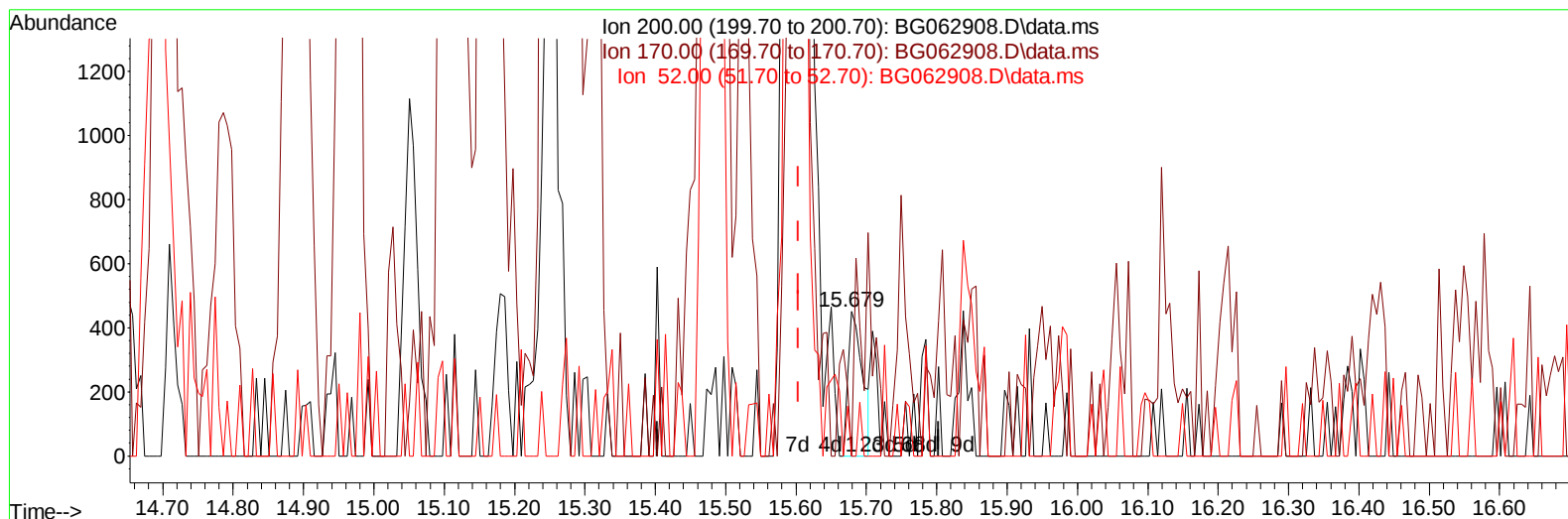
ClientSampleId :

DCVZ0ME

Manual IntegrationsAPPROVED

Quant Time: Sep 18 15:24:43 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 :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/22/2024



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

15.679min (+ 0.076) 0.30 ng/u1

response 647

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

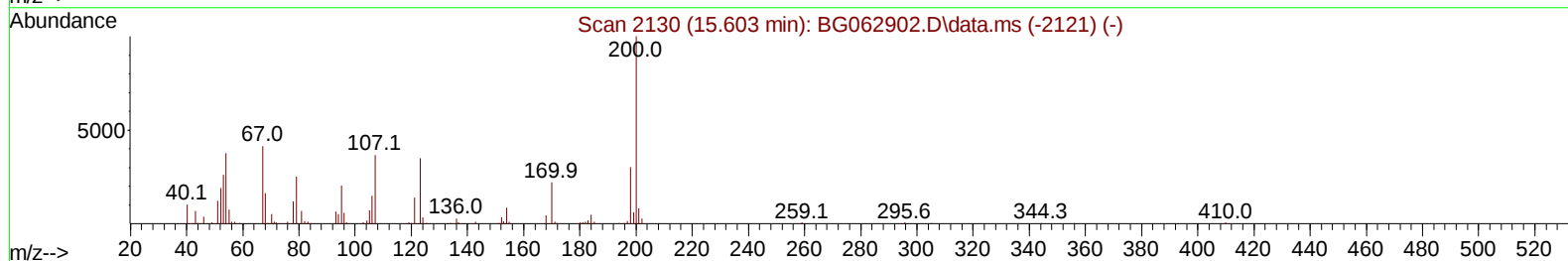
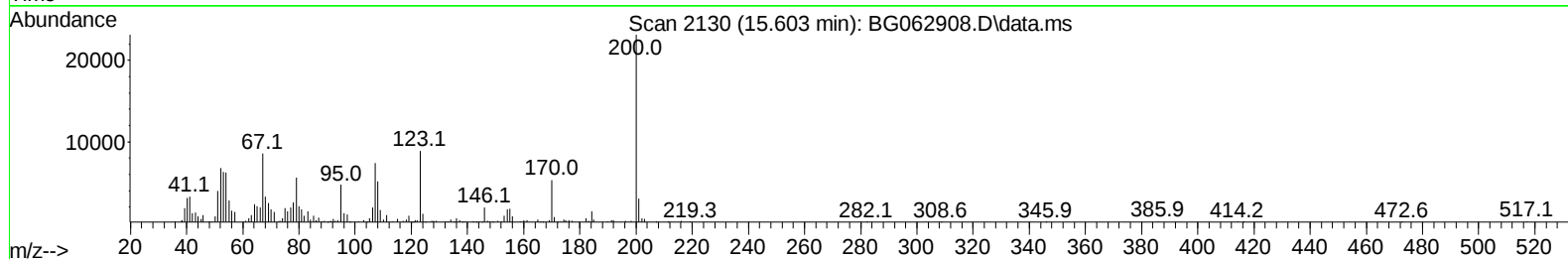
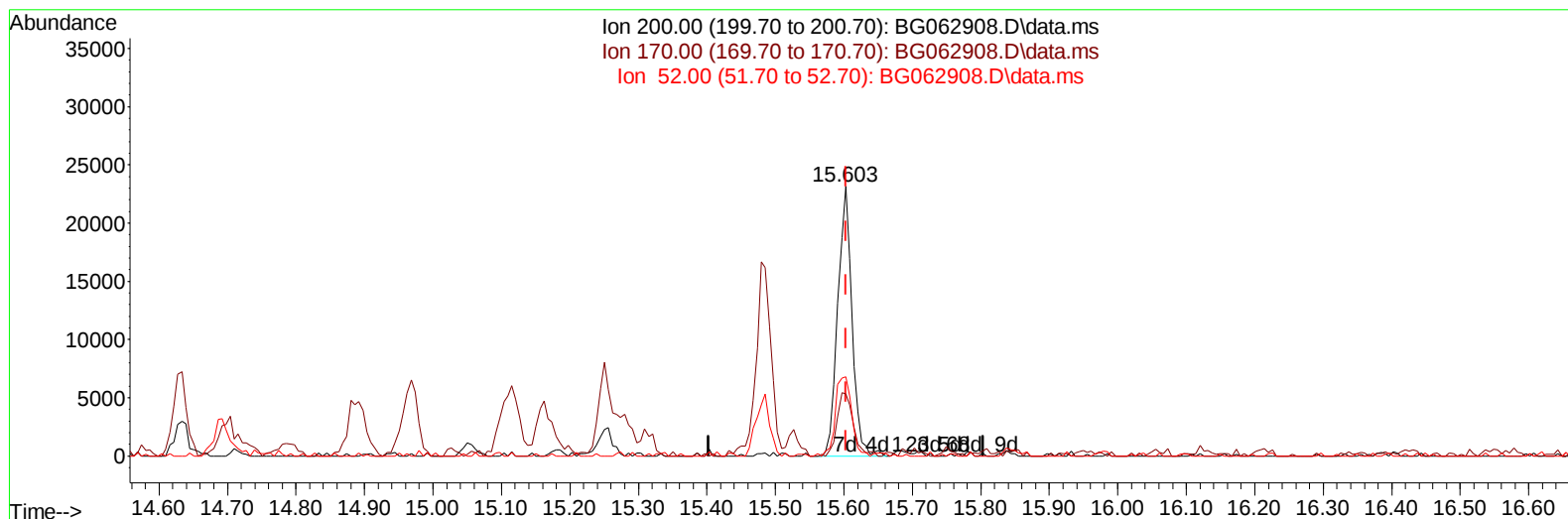
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062908.D
Acq On : 18 Sep 2024 14:29
Operator : JU/RC
Sample : P3878-12ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCVZ0ME

Manual IntegrationsAPPROVED

Quant Time: Sep 18 15:24:43 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 :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/22/2024



TIC: BG062908.D\data.ms

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

15.603min (-0.001) 15.28 ng/ul m

response 33482

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.60	23.00
52.00	36.60	29.27#
0.00	0.00	0.00

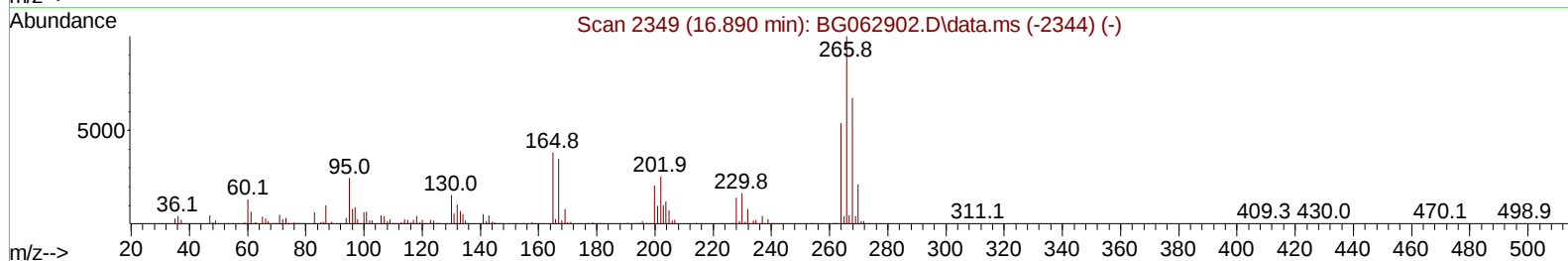
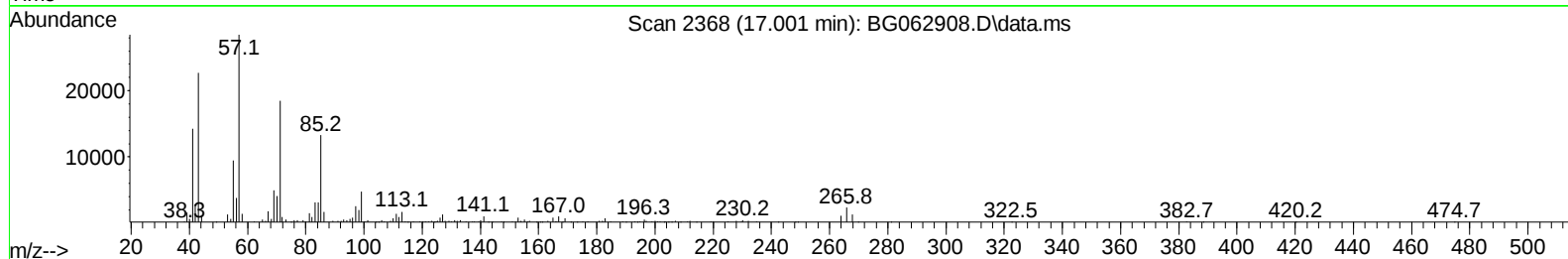
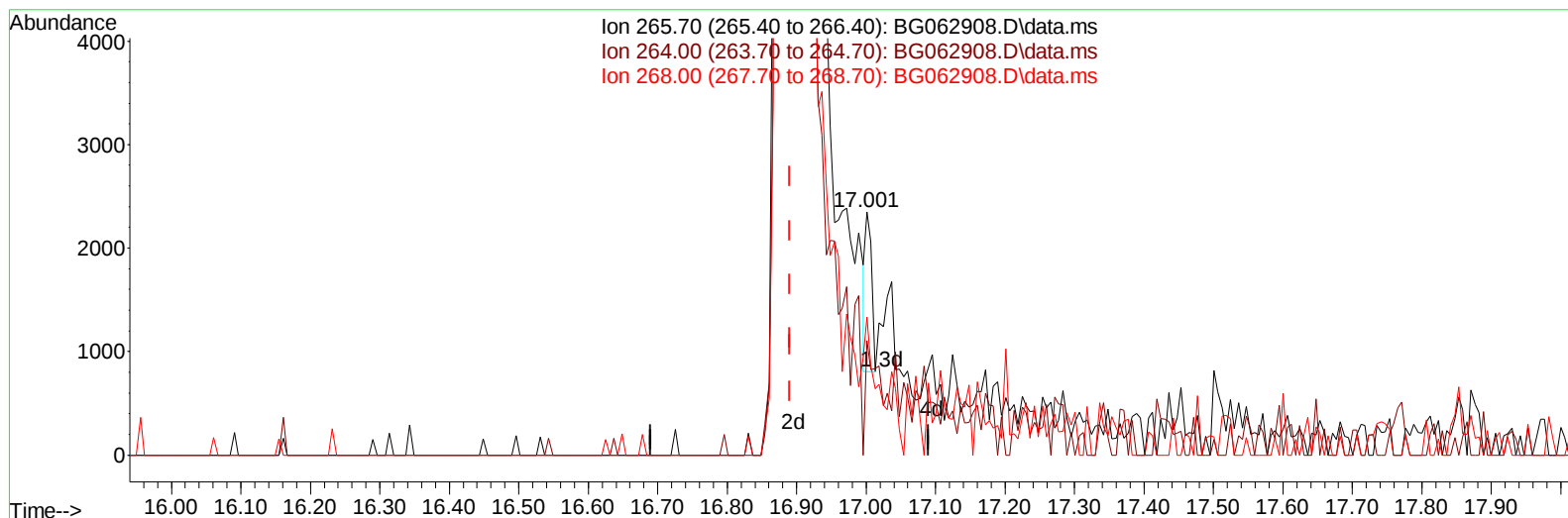
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
 Data File : BG062908.D
 Acq On : 18 Sep 2024 14:29
 Operator : JU/RC
 Sample : P3878-12ME
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCVZ0ME

Manual IntegrationsAPPROVED

Quant Time: Sep 18 15:24:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
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 Supervised By :mohammad ahmed 09/22/2024



TIC: BG062908.D\data.ms

(71) Pentachlorophenol (C)

17.001min (+ 0.111) 0.37 ng/u1

response 985

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	53.70	46.98
268.00	59.00	56.68
0.00	0.00	0.00

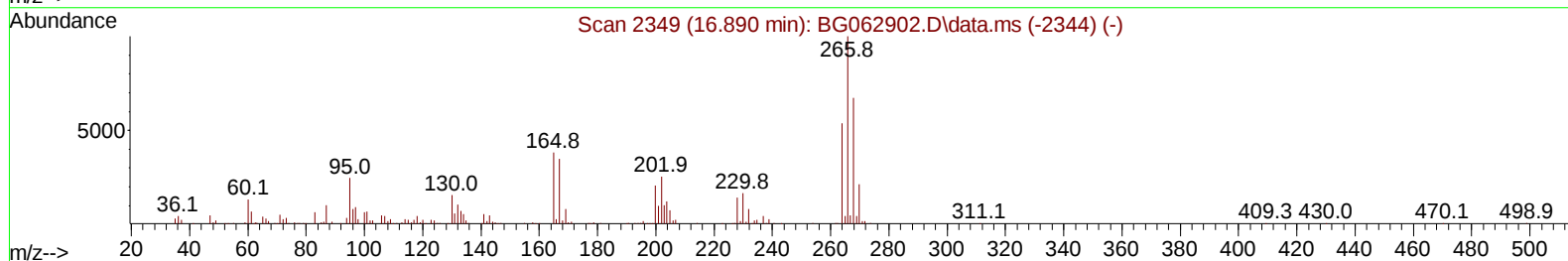
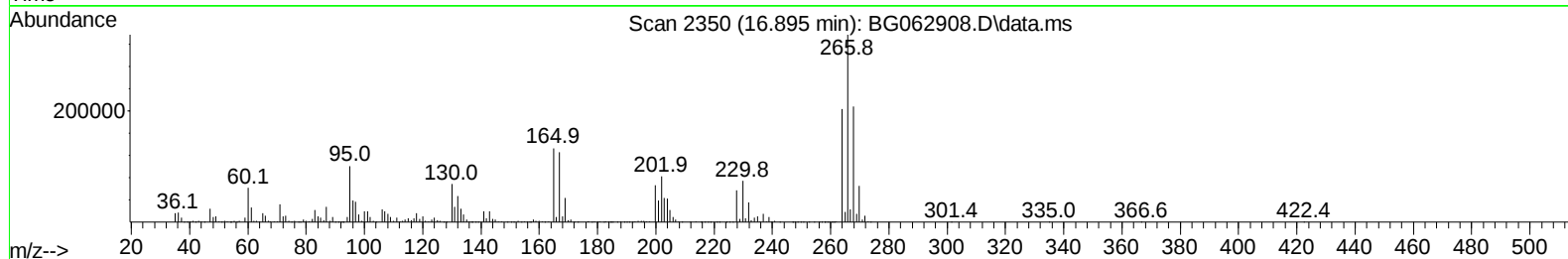
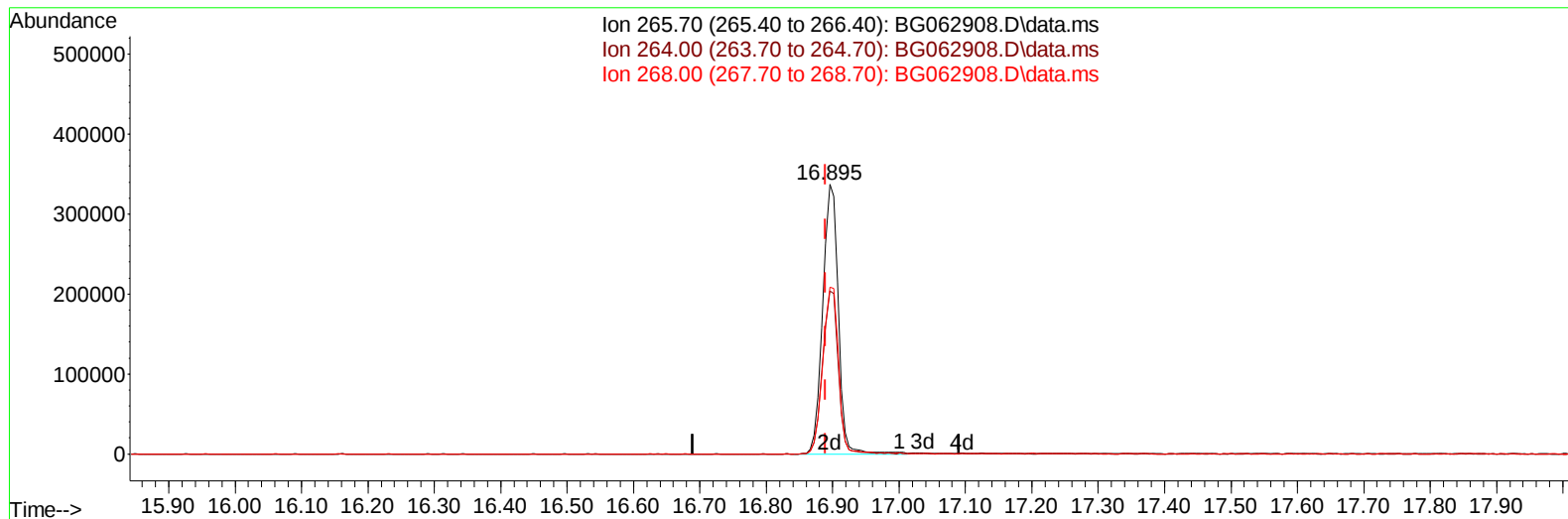
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062908.D
Acq On : 18 Sep 2024 14:29
Operator : JU/RC
Sample : P3878-12ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCVZ0ME

Manual IntegrationsAPPROVED

Quant Time: Sep 18 15:24:43 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 :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/22/2024



TIC: BG062908.D\data.ms

(71) Pentachlorophenol (C)

16.895min (+ 0.005) 206.53 ng/u1 m

response 547875

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	53.70	60.47
268.00	59.00	61.80
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
 Data File : BG062908.D
 Acq On : 18 Sep 2024 14:29
 Operator : JU/RC
 Sample : P3878-12ME
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCVZ0ME

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/19/2024
 Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 18 15:25:37 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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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	48771	20.000	ng/ul	0.00
20) Naphthalene-d8	10.644	136	202953	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.486	164	154892	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.242	188	362413m	20.000	ng/ul	0.00
79) Chrysene-d12	21.490	240	366381	20.000	ng/ul	0.00
88) Perylene-d12	24.522	264	422676	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	3780m	2.270	ng/uL	0.00
4) Pyridine-d5	3.740	84	42809	9.470	ng/ul	0.00
7) Phenol-d5	7.025	99	74864	14.793	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.189	67	44301	15.643	ng/ul	0.00
11) 2-Chlorophenol-d4	7.395	132	47886	14.412	ng/ul	0.00
15) 4-Methylphenol-d8	8.558	113	58815	15.865	ng/ul	0.00
21) Nitrobenzene-d5	9.011	128	26324	16.281	ng/ul	0.00
24) 2-Nitrophenol-d4	9.727	143	30661	16.715	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.268	165	59472	15.627	ng/ul	0.00
31) 4-Chloroaniline-d4	10.779	131	75882	16.021	ng/ul	0.00
46) Dimethylphthalate-d6	13.893	166	206911	17.964	ng/ul	0.00
49) Acenaphthylene-d8	14.181	160	226448	17.602	ng/ul	0.00
54) 4-Nitrophenol-d4	14.692	143	25995	14.083	ng/ul	0.00
60) Fluorene-d10	15.485	176	198825	18.539	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.603	200	33482m	15.283	ng/ul	0.00
73) Anthracene-d10	17.336	188	313962	18.330	ng/ul	0.00
81) Pyrene-d10	19.633	212	403675	18.191	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.316	264	415205	18.626	ng/ul	0.00
Target Compounds						
					Qvalue	
36) 2-Methylnaphthalene	12.307	142	17310	2.132	ng/ul	85
37) 1-Methylnaphthalene	12.524	142	9959	1.212	ng/ul	82
58) 2,3,4,6-Tetrachlorophenol	15.115	232	50665	15.667	ng/ul#	97
71) Pentachlorophenol	16.895	266	547875m	206.535	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062908.D
Acq On : 18 Sep 2024 14:29
Operator : JU/RC
Sample : P3878-12ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCVZ0ME

Manual IntegrationsAPPROVED

Quant Time: Sep 18 15:25:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
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