

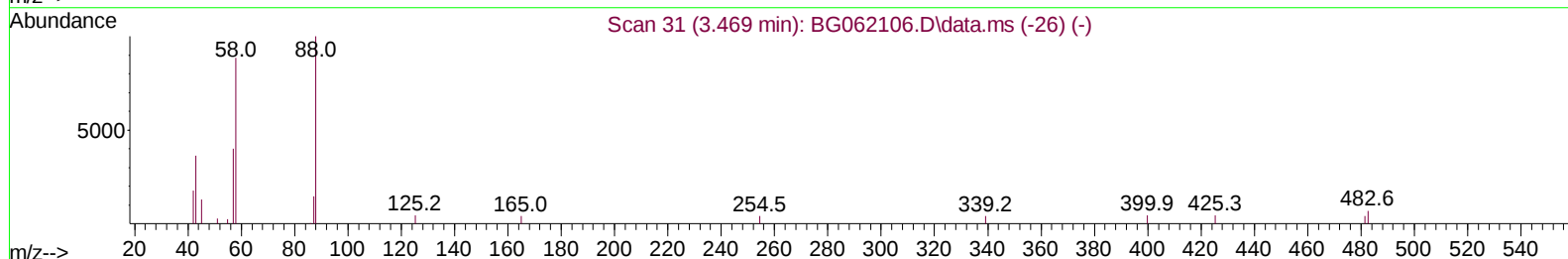
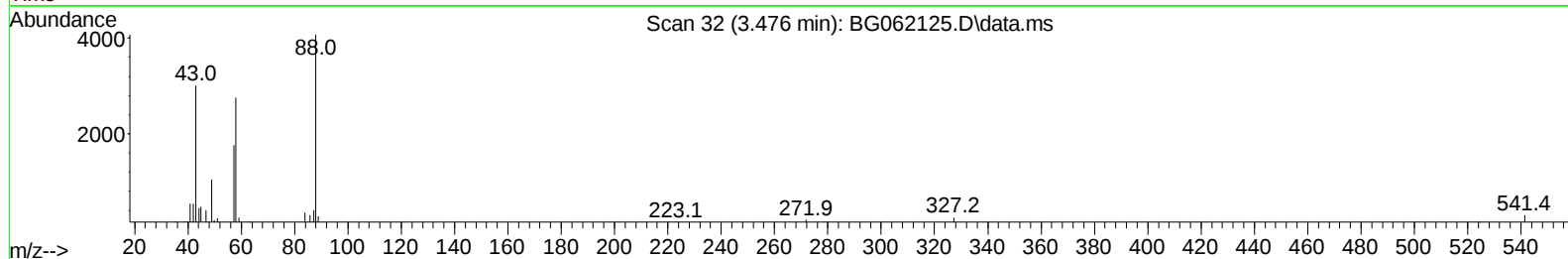
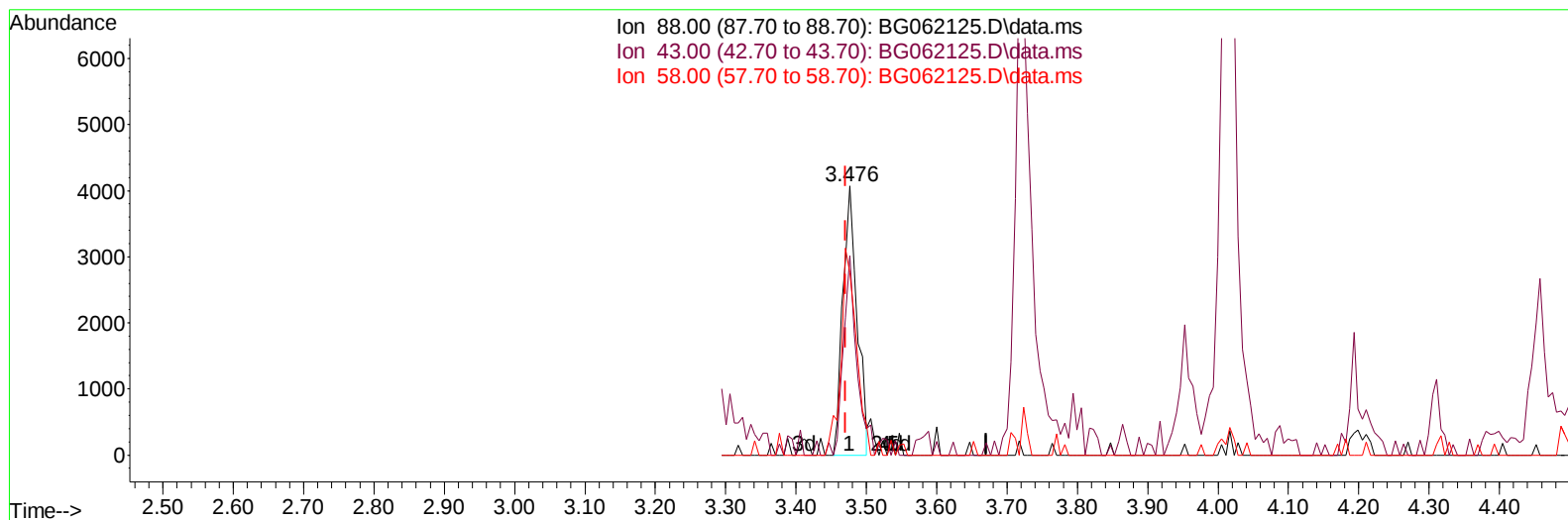
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071724\
Data File : BG062125.D
Acq On : 17 Jul 2024 23:17
Operator : MA/JU
Sample : P3217-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZD6

Manual IntegrationsAPPROVED

Quant Time: Jul 18 01:08:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 16 12:23:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



TIC: BG062125.D\data.ms

(2) 1,4-Dioxane

3.476min (+ 0.006) 7.24 ng/uL

response 5683

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	49.30	74.07#
58.00	97.60	67.78#
0.00	0.00	0.00

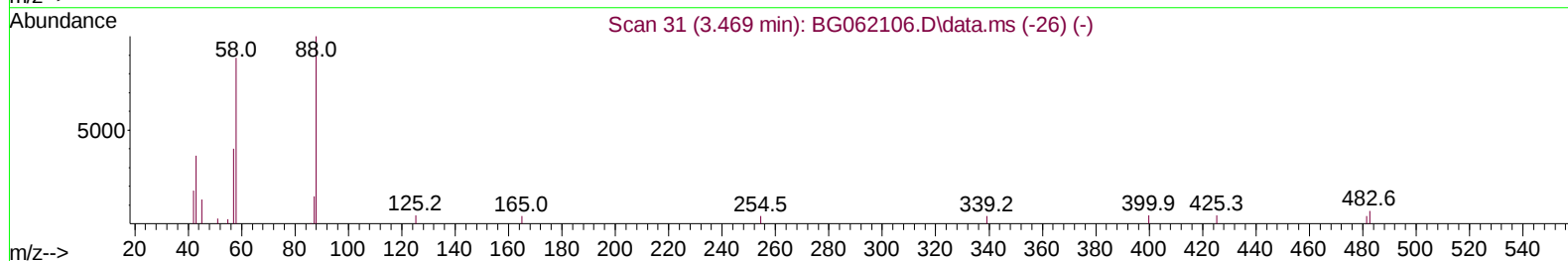
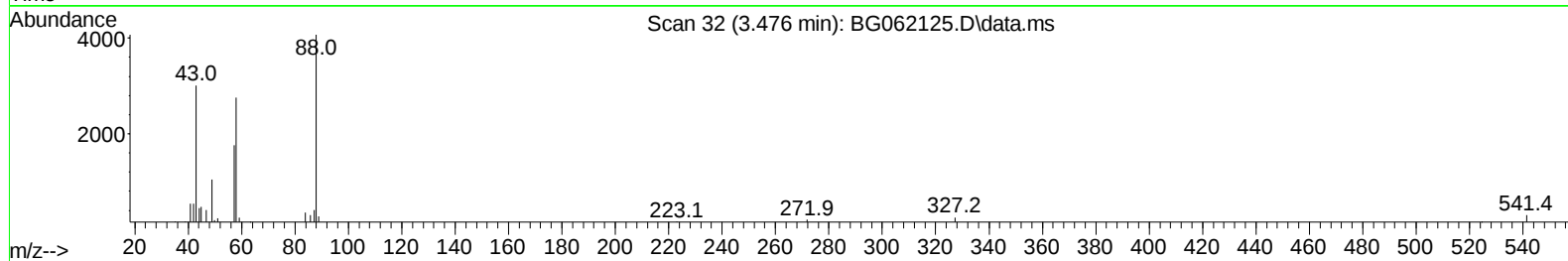
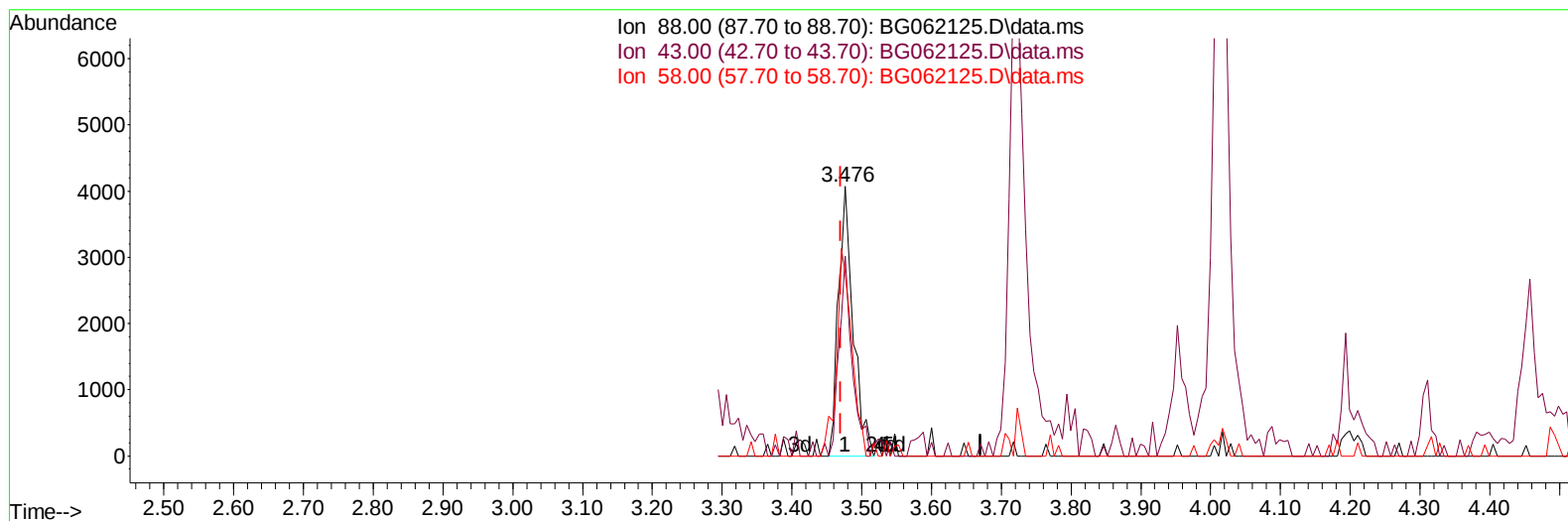
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071724\
Data File : BG062125.D
Acq On : 17 Jul 2024 23:17
Operator : MA/JU
Sample : P3217-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZD6

Manual IntegrationsAPPROVED

Quant Time: Jul 18 01:08:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 16 12:23:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



TIC: BG062125.D\data.ms

(2) 1,4-Dioxane

3.476min (+ 0.006) 7.60 ng/uL m

response 5962

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	49.30	74.07#
58.00	97.60	67.78#
0.00	0.00	0.00

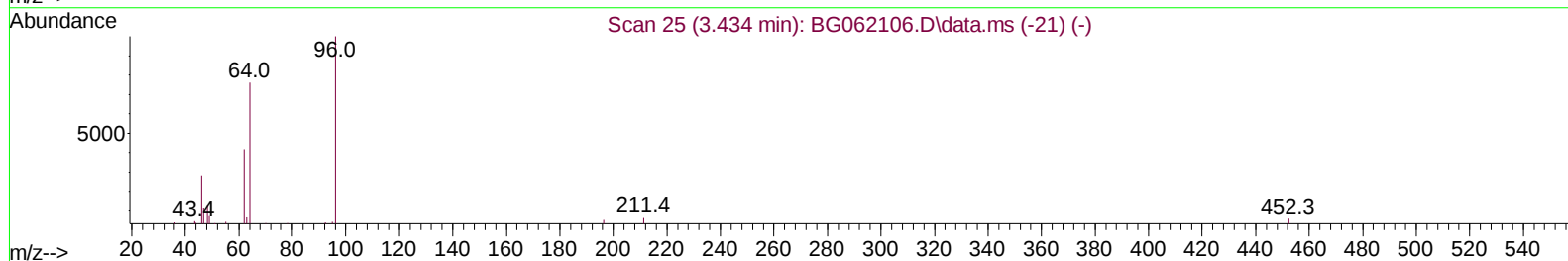
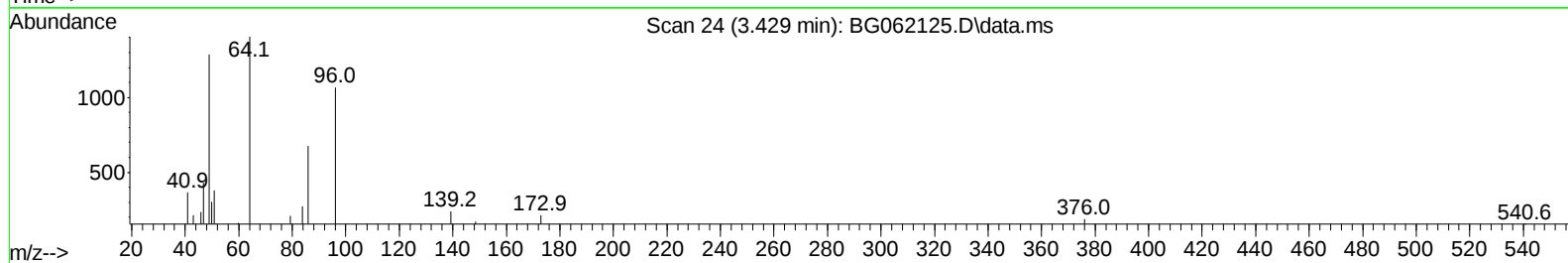
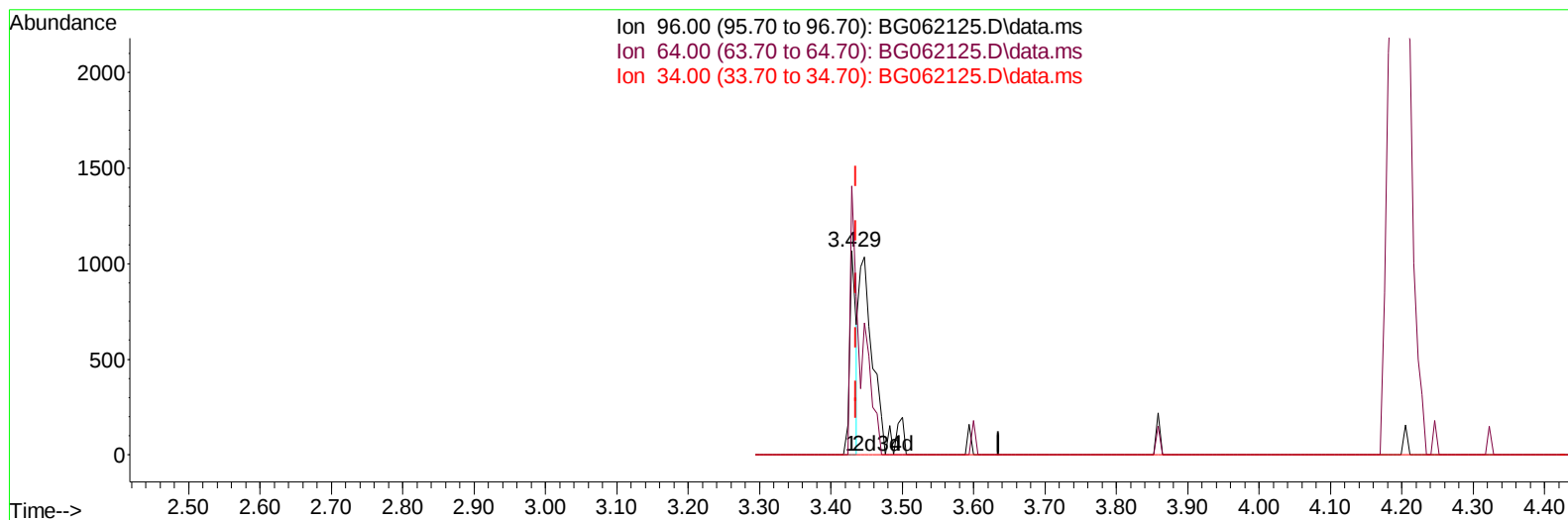
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071724\
Data File : BG062125.D
Acq On : 17 Jul 2024 23:17
Operator : MA/JU
Sample : P3217-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZD6

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 18 01:08:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 16 12:23:16 2024
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TIC: BG062125.D\data.ms

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

3.429min (-0.006) 0.95 ng/uL

response 673

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	104.80	131.65#
34.00	0.00	0.00
0.00	0.00	0.00

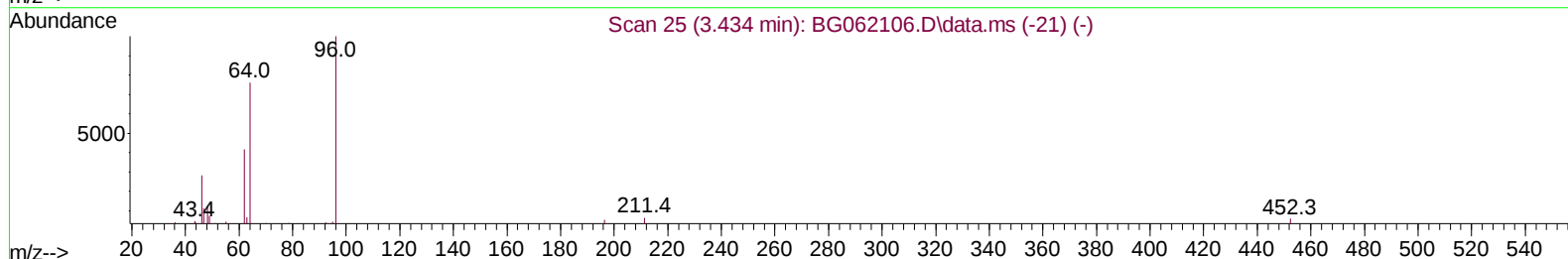
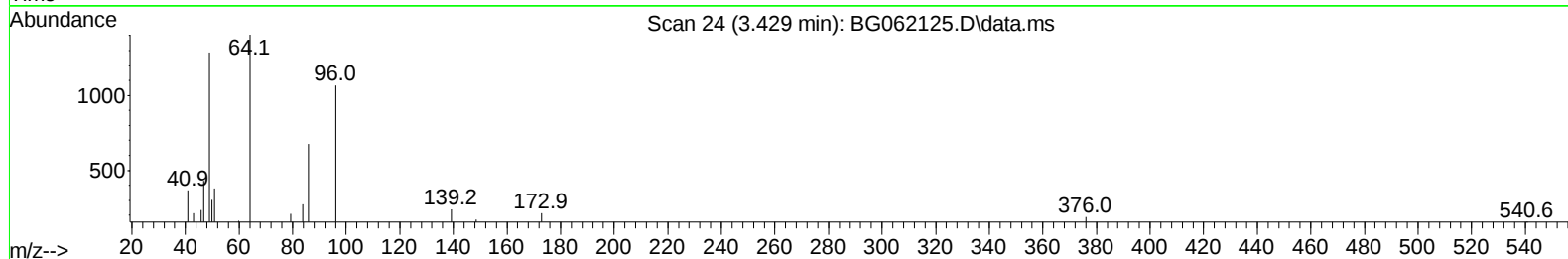
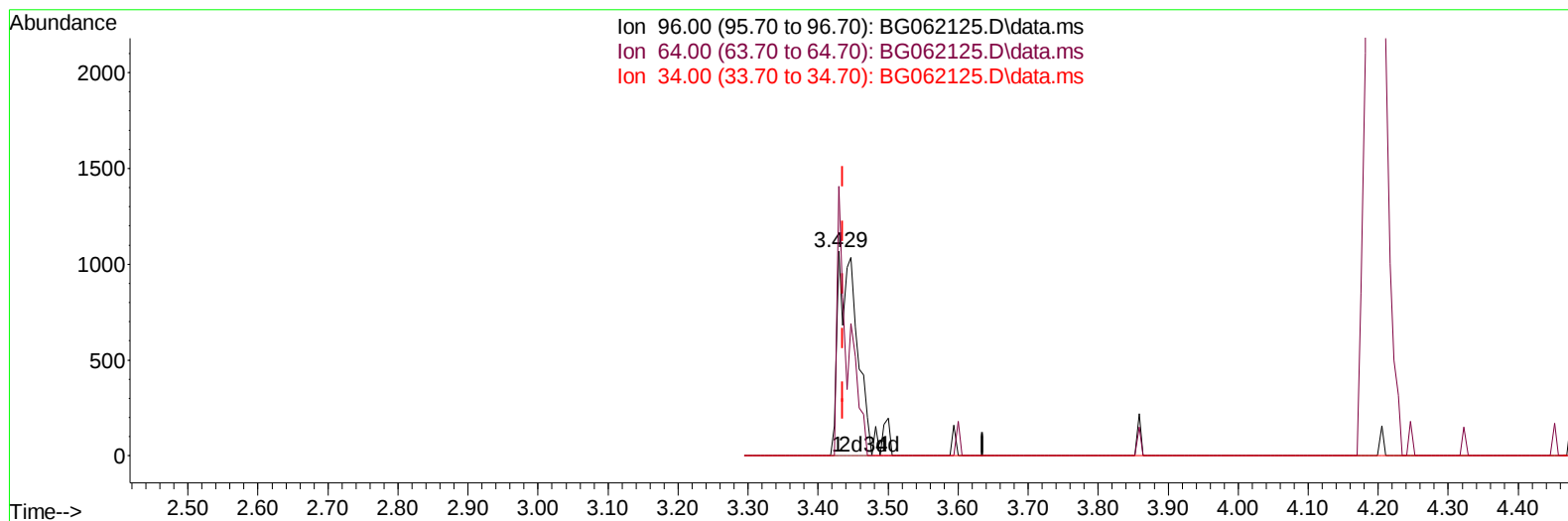
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071724\
Data File : BG062125.D
Acq On : 17 Jul 2024 23:17
Operator : MA/JU
Sample : P3217-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZD6

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 18 01:08:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 16 12:23:16 2024
Response via : Initial Calibration



TIC: BG062125.D\data.ms

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

3.429min (-0.006) 2.81 ng/uL m

response 2000

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	104.80	131.65#
34.00	0.00	0.00
0.00	0.00	0.00

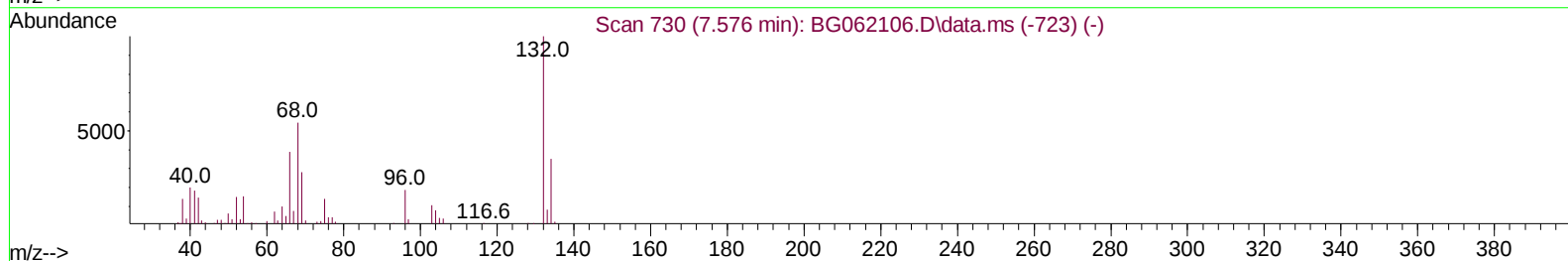
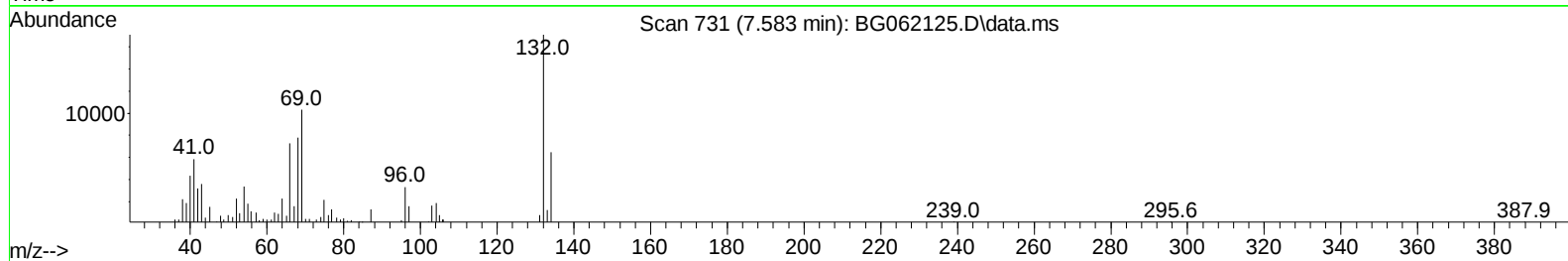
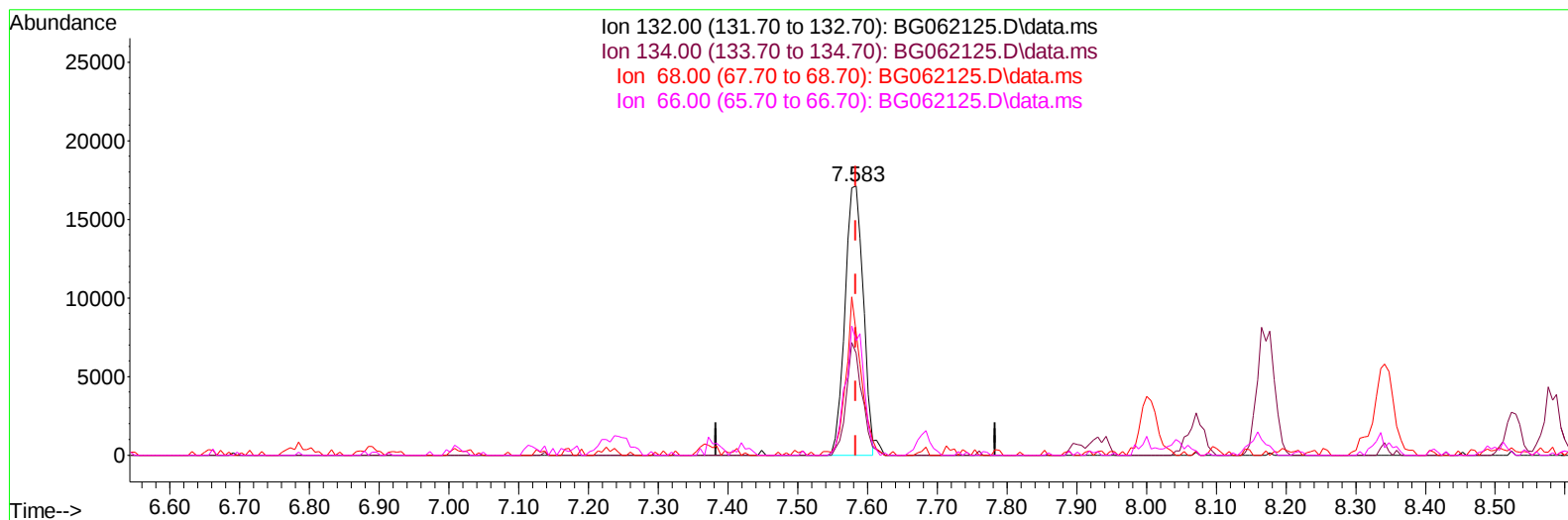
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071724\
Data File : BG062125.D
Acq On : 17 Jul 2024 23:17
Operator : MA/JU
Sample : P3217-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZD6

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 18 01:08:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 16 12:23:16 2024
Response via : Initial Calibration



TIC: BG062125.D\data.ms

(11) 2-Chlorophenol-d4 (S)

7.583min (+ 0.000) 15.40 ng/u1

response 30872

Ion	Exp%	Act%
132.00	100.00	100.00
134.00	33.10	37.80
68.00	51.50	45.46
66.00	36.50	42.47

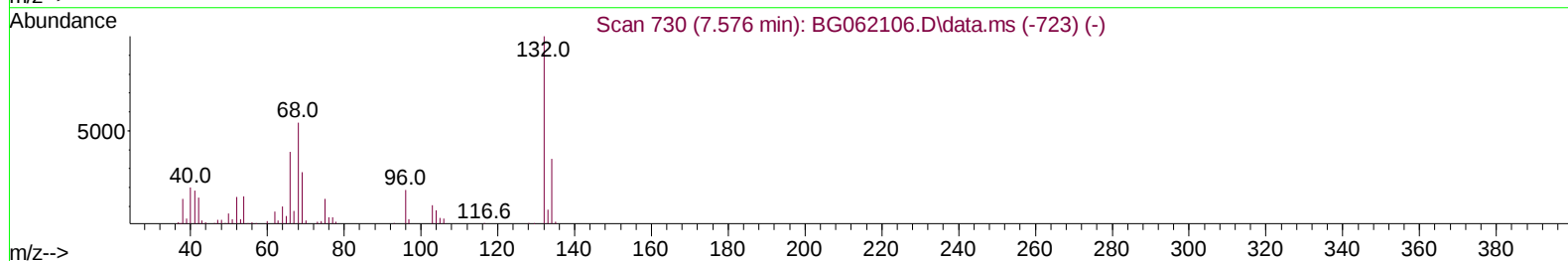
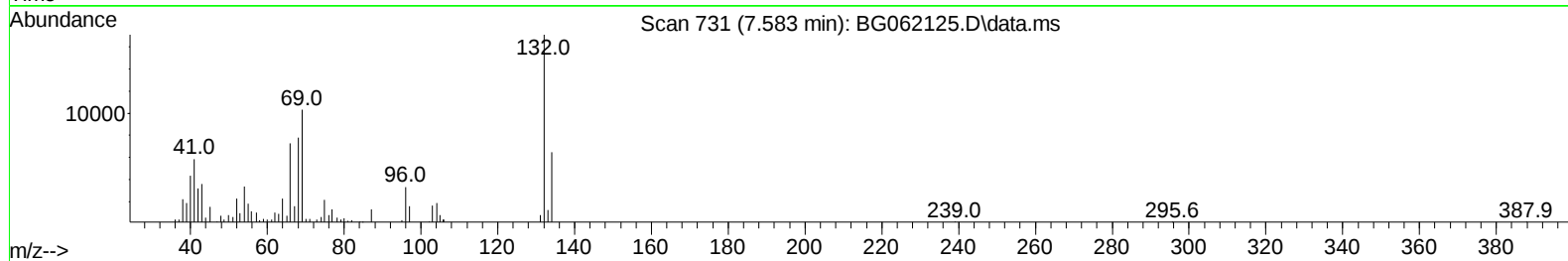
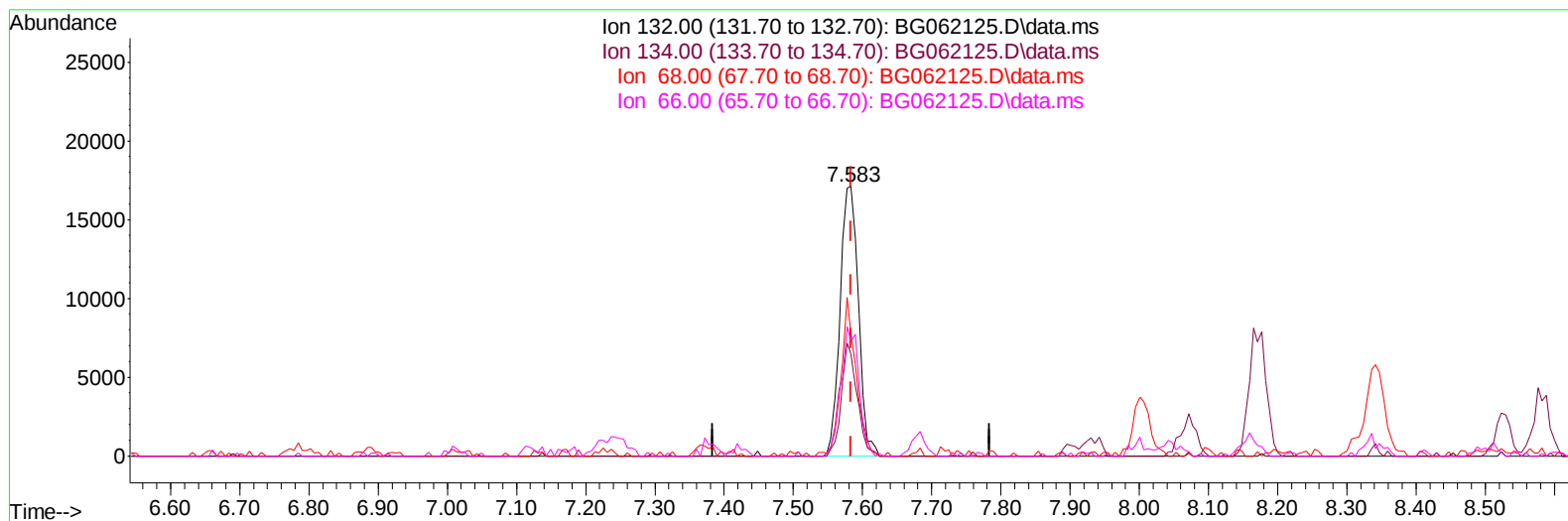
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071724\
Data File : BG062125.D
Acq On : 17 Jul 2024 23:17
Operator : MA/JU
Sample : P3217-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZD6

Manual IntegrationsAPPROVED

Quant Time: Jul 18 01:08:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 16 12:23:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



TIC: BG062125.D\data.ms

(11) 2-Chlorophenol-d4 (S)

7.583min (+ 0.000) 15.67 ng/ul m

response 31407

Ion	Exp%	Act%
132.00	100.00	100.00
134.00	33.10	37.80
68.00	51.50	45.46
66.00	36.50	42.47

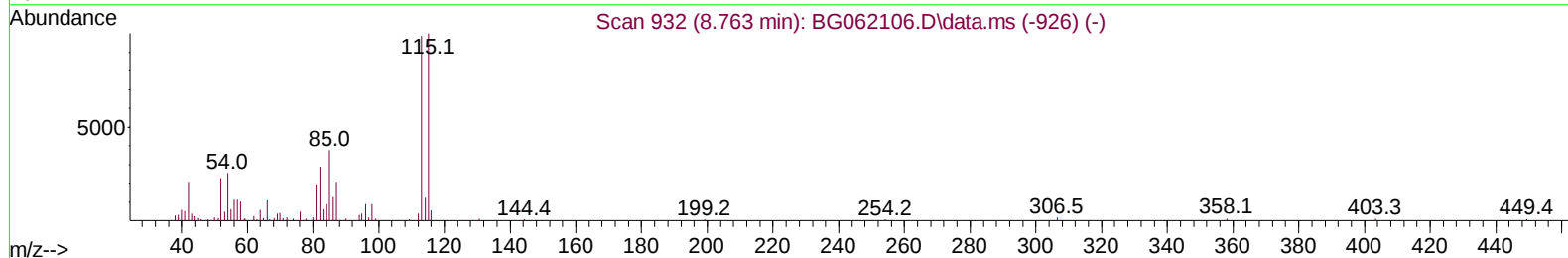
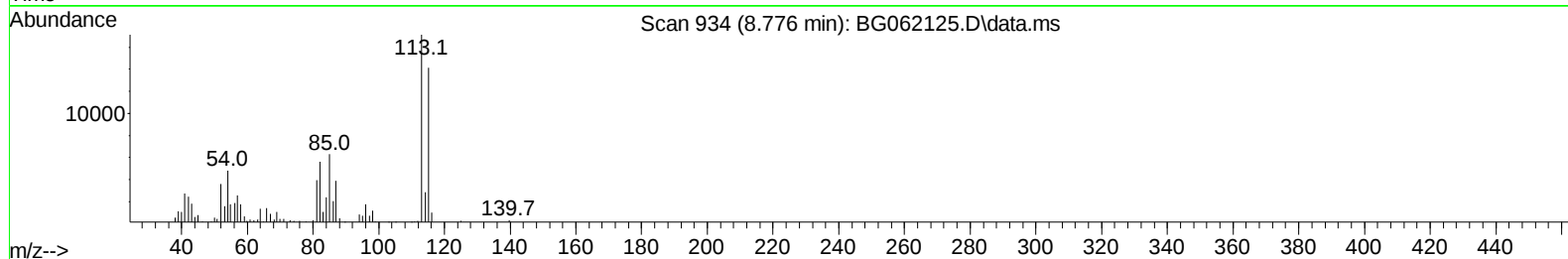
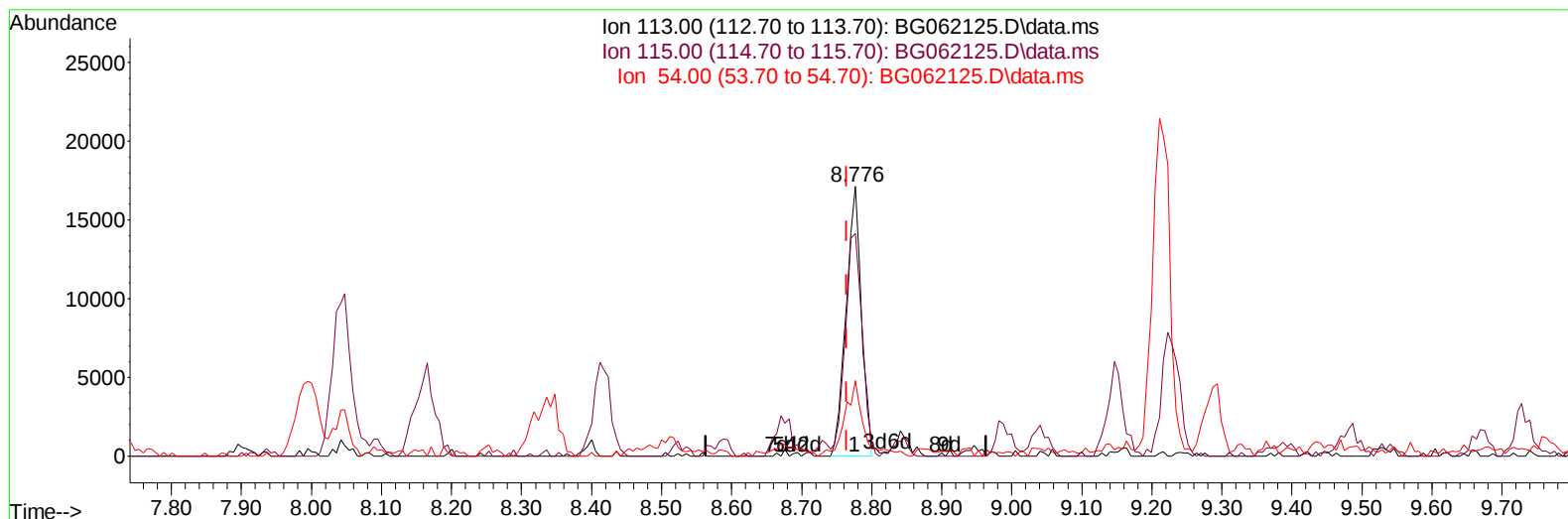
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071724\
Data File : BG062125.D
Acq On : 17 Jul 2024 23:17
Operator : MA/JU
Sample : P3217-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZD6

Manual IntegrationsAPPROVED

Quant Time: Jul 18 01:08:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 16 12:23:16 2024
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Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



TIC: BG062125.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.776min (+ 0.012) 11.43 ng/u1

response 26313

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	100.60	82.66
54.00	23.50	28.04
0.00	0.00	0.00

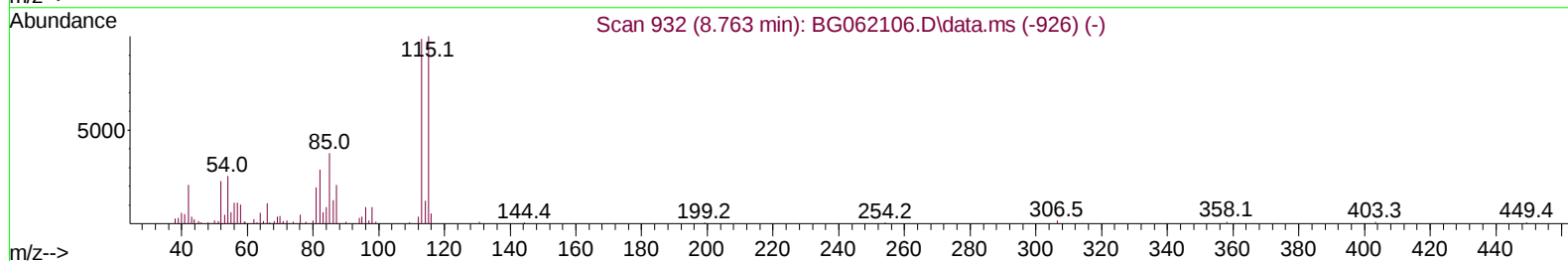
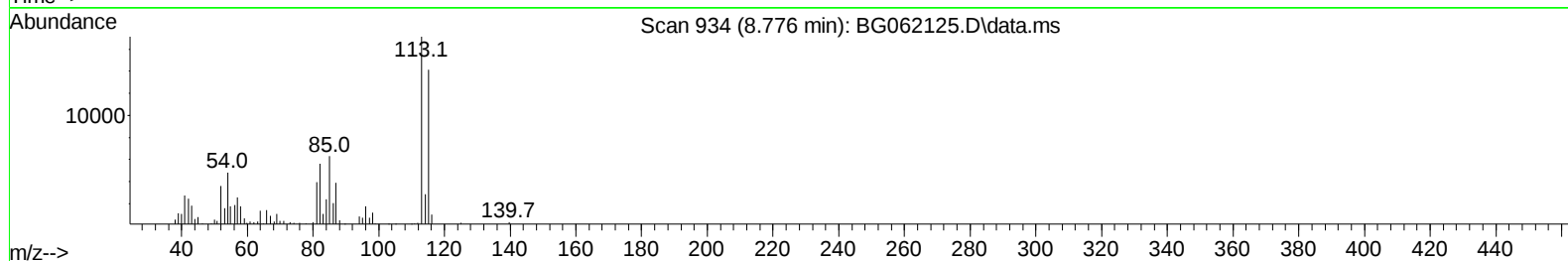
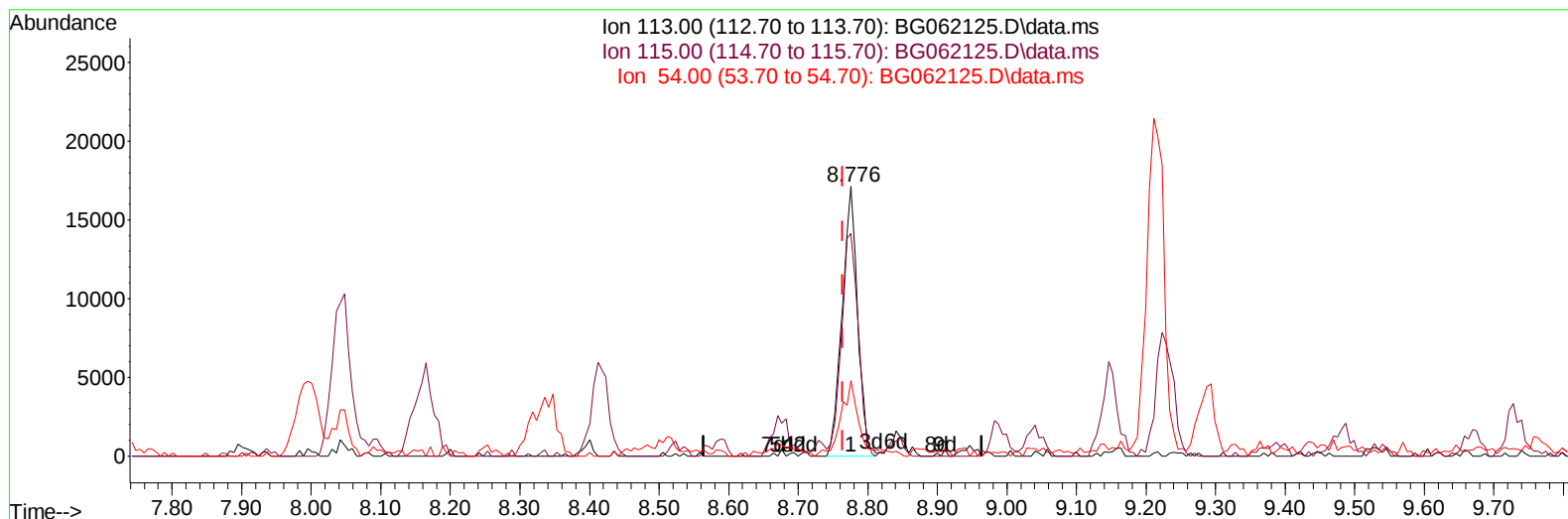
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071724\
Data File : BG062125.D
Acq On : 17 Jul 2024 23:17
Operator : MA/JU
Sample : P3217-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZD6

Manual IntegrationsAPPROVED

Quant Time: Jul 18 01:08:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 16 12:23:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



TIC: BG062125.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.776min (+ 0.012) 11.54 ng/ul m

response 26564

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	100.60	82.66
54.00	23.50	28.04
0.00	0.00	0.00

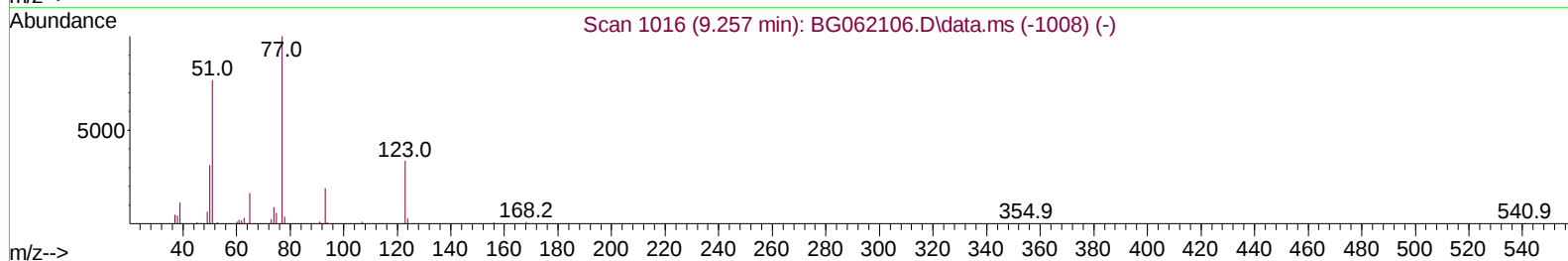
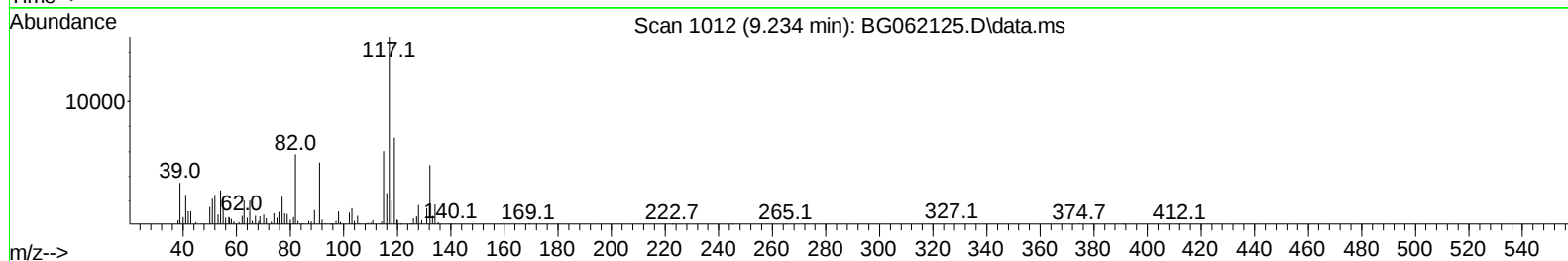
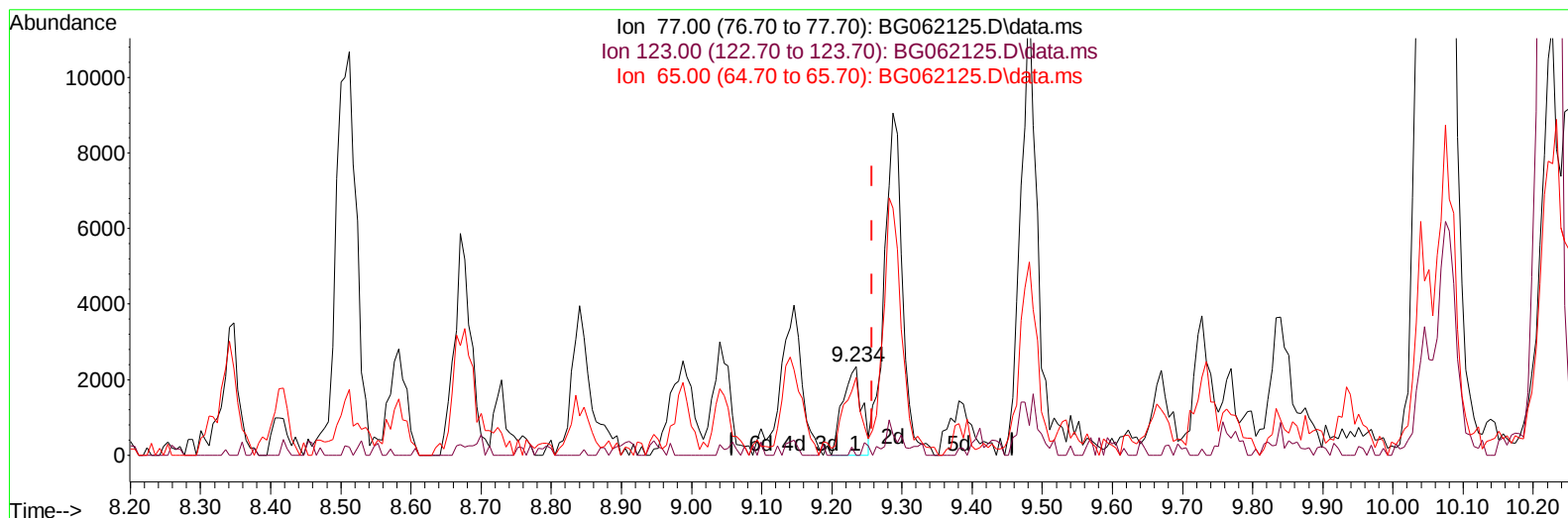
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071724\
Data File : BG062125.D
Acq On : 17 Jul 2024 23:17
Operator : MA/JU
Sample : P3217-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZD6

Manual IntegrationsAPPROVED

Quant Time: Jul 18 03:15:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 16 12:23:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



TIC: BG062125.D\data.ms

(22) Nitrobenzene

9.234min (-0.023) 1.66 ng/u1

response 4411

Ion	Exp%	Act%
77.00	100.00	100.00
123.00	38.80	0.00#
65.00	15.90	87.41#
0.00	0.00	0.00

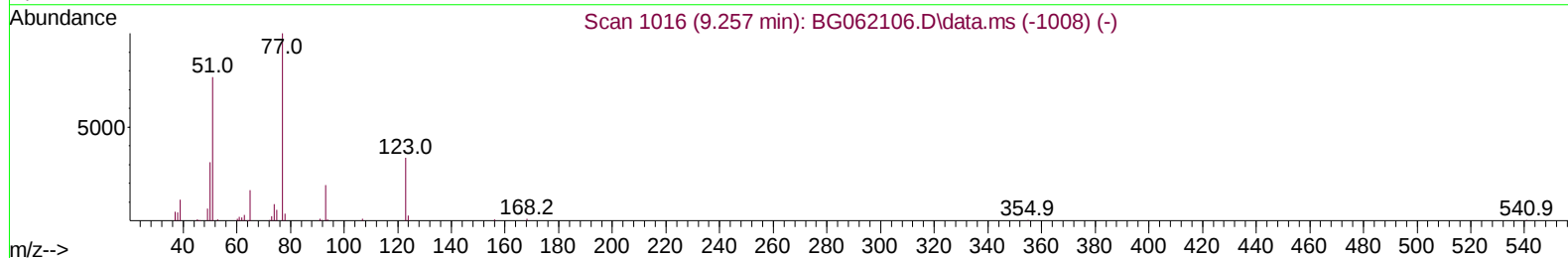
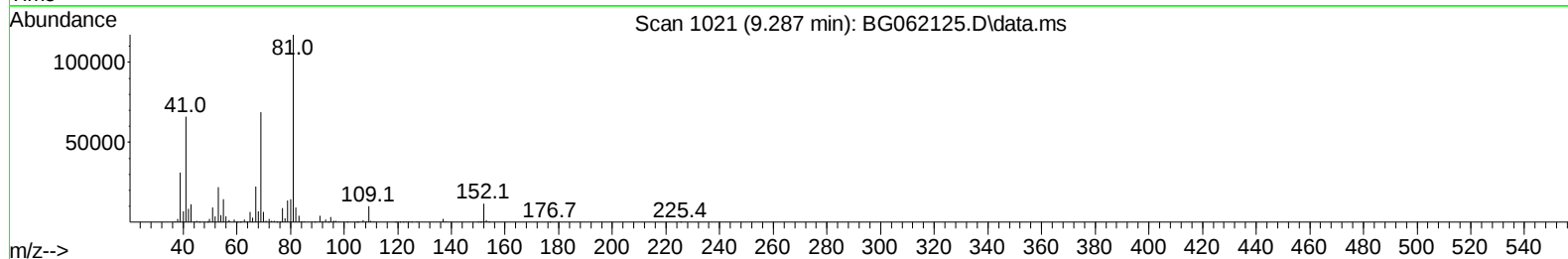
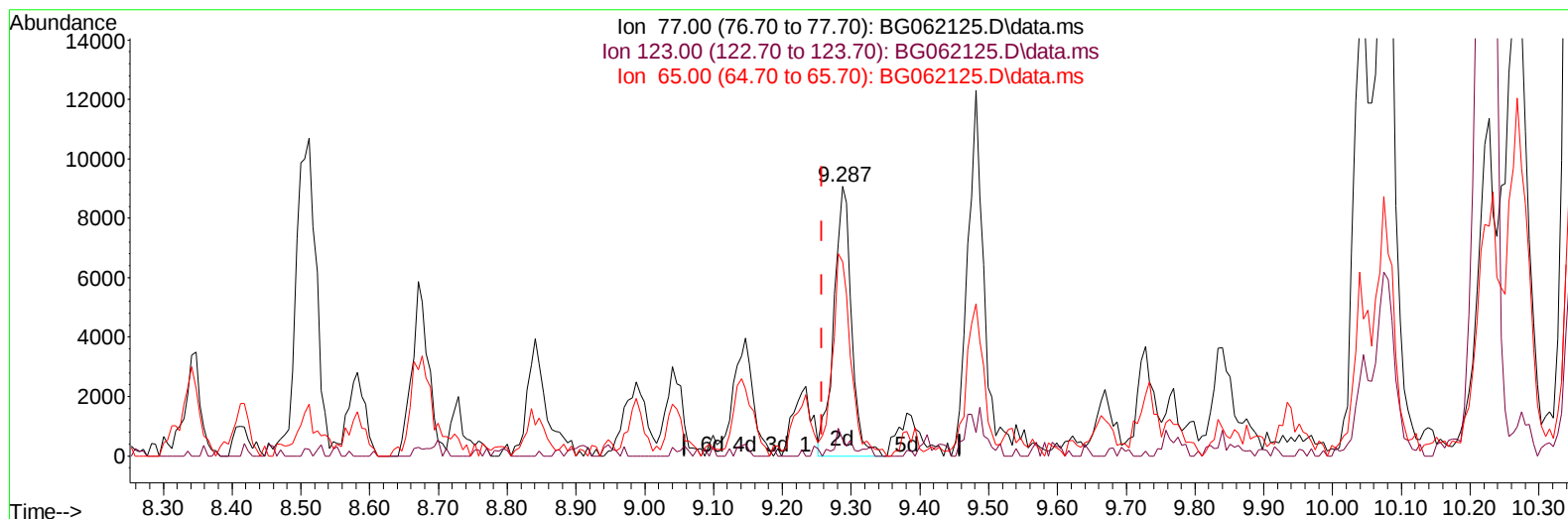
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071724\
Data File : BG062125.D
Acq On : 17 Jul 2024 23:17
Operator : MA/JU
Sample : P3217-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZD6

Manual IntegrationsAPPROVED

Quant Time: Jul 18 03:15:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 16 12:23:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



TIC: BG062125.D\data.ms

(22) Nitrobenzene

9.287min (+ 0.030) 6.11 ng/u1 m

response 16274

Ion	Exp%	Act%
77.00	100.00	100.00
123.00	38.80	5.97#
65.00	15.90	72.12#
0.00	0.00	0.00

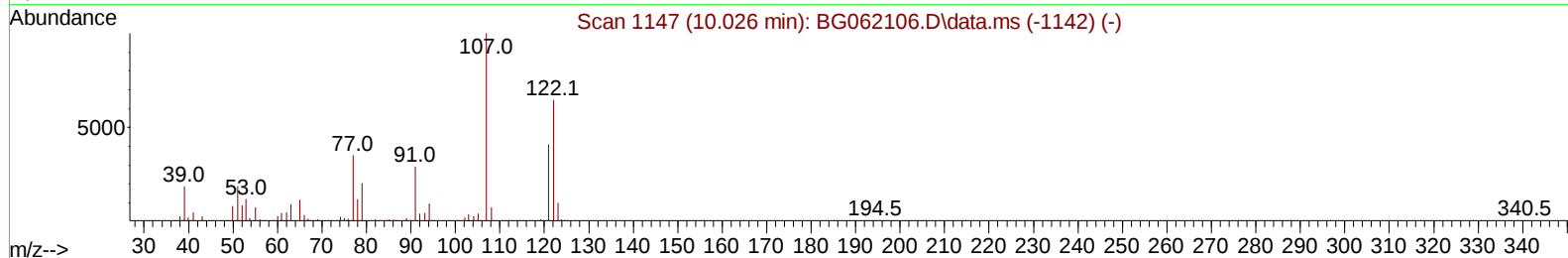
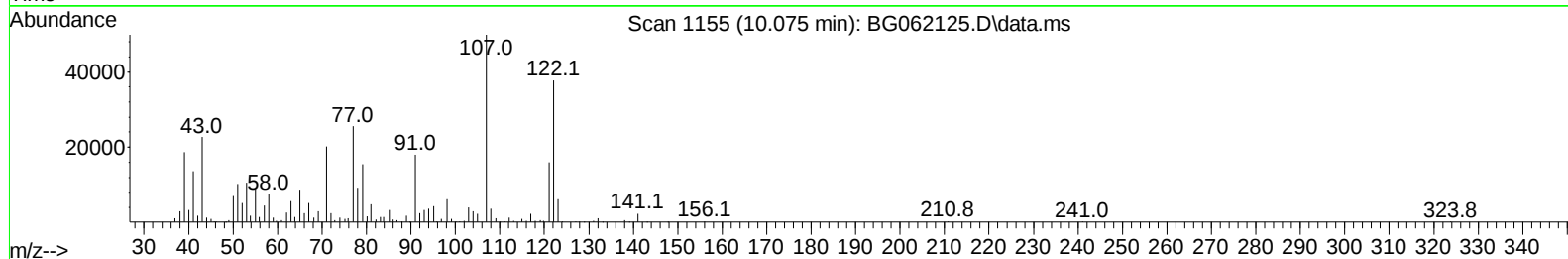
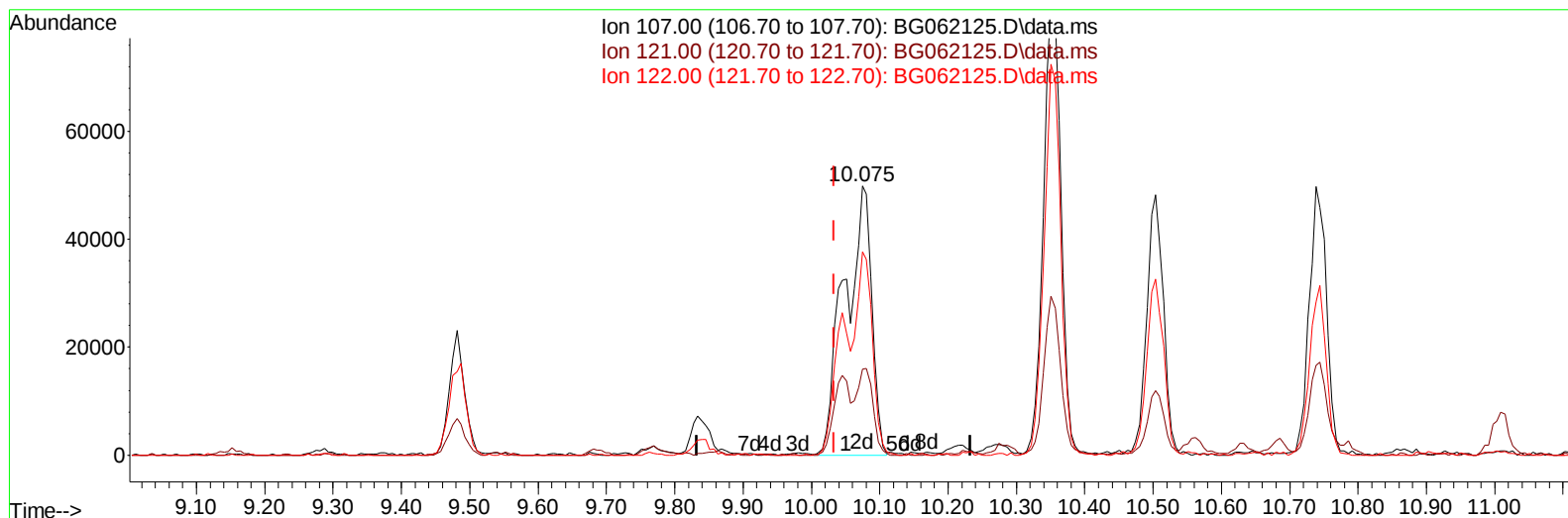
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071724\
Data File : BG062125.D
Acq On : 17 Jul 2024 23:17
Operator : MA/JU
Sample : P3217-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZD6

Manual IntegrationsAPPROVED

Quant Time: Jul 18 03:20:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 16 12:23:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



TIC: BG062125.D\data.ms

(26) 2,4-Dimethylphenol

10.075min (+ 0.041) 52.60 ng/ul m

response 137611

Ion	Exp%	Act%
107.00	100.00	100.00
121.00	44.50	31.92#
122.00	77.70	75.67
0.00	0.00	0.00

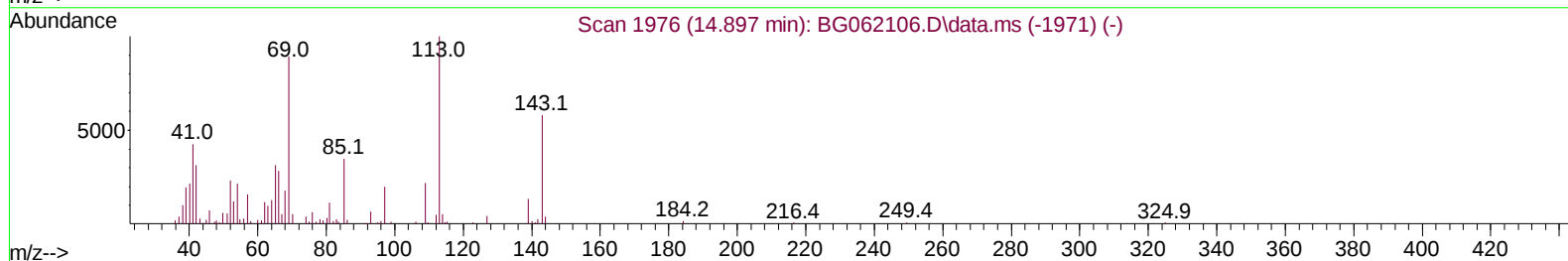
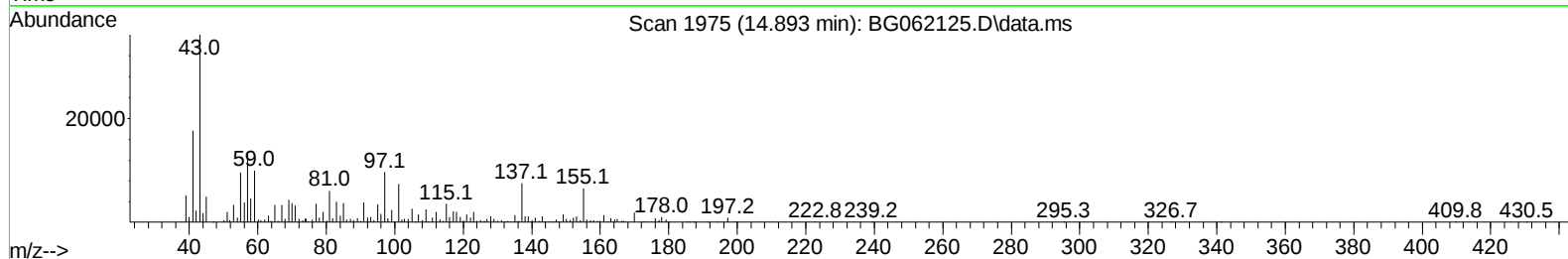
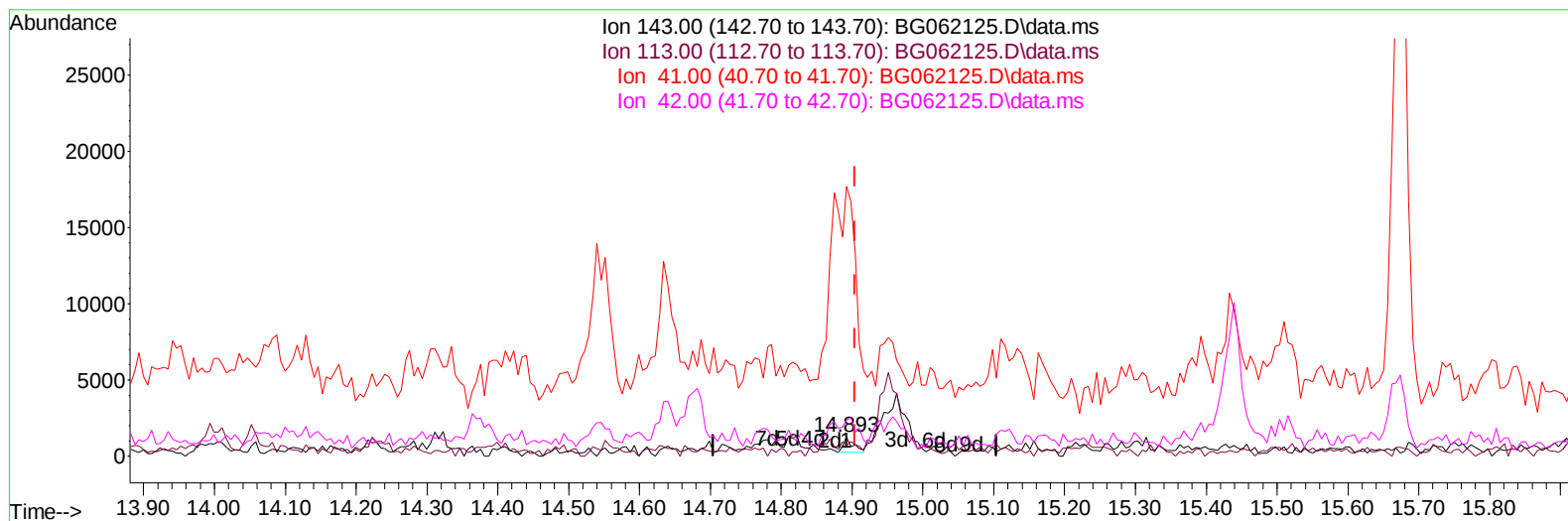
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071724\
Data File : BG062125.D
Acq On : 17 Jul 2024 23:17
Operator : MA/JU
Sample : P3217-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZD6

Manual IntegrationsAPPROVED

Quant Time: Jul 18 03:18:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 16 12:23:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



TIC: BG062125.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.893min (-0.012) 0.87 ng/u1

response 949

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	106.20	55.80#
41.00	69.90	1433.90#
42.00	41.10	191.24#

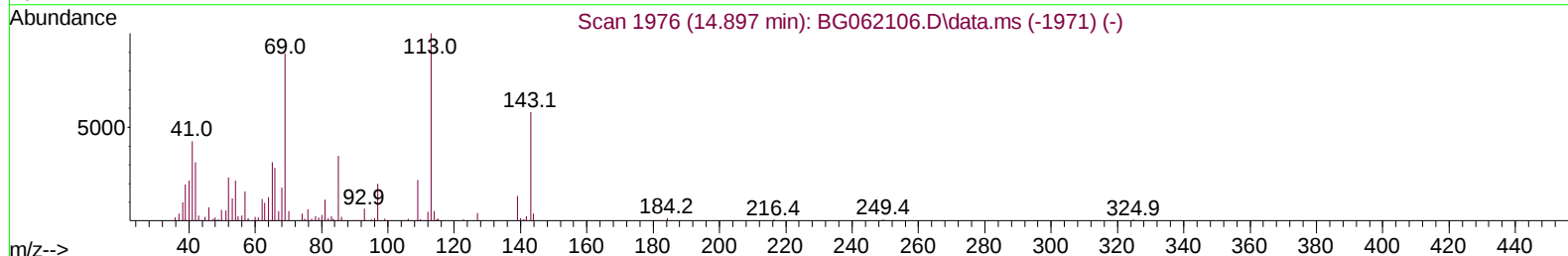
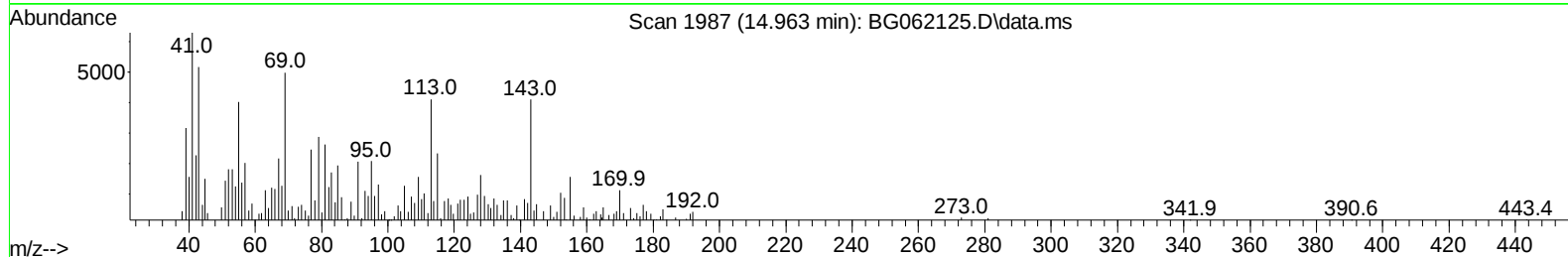
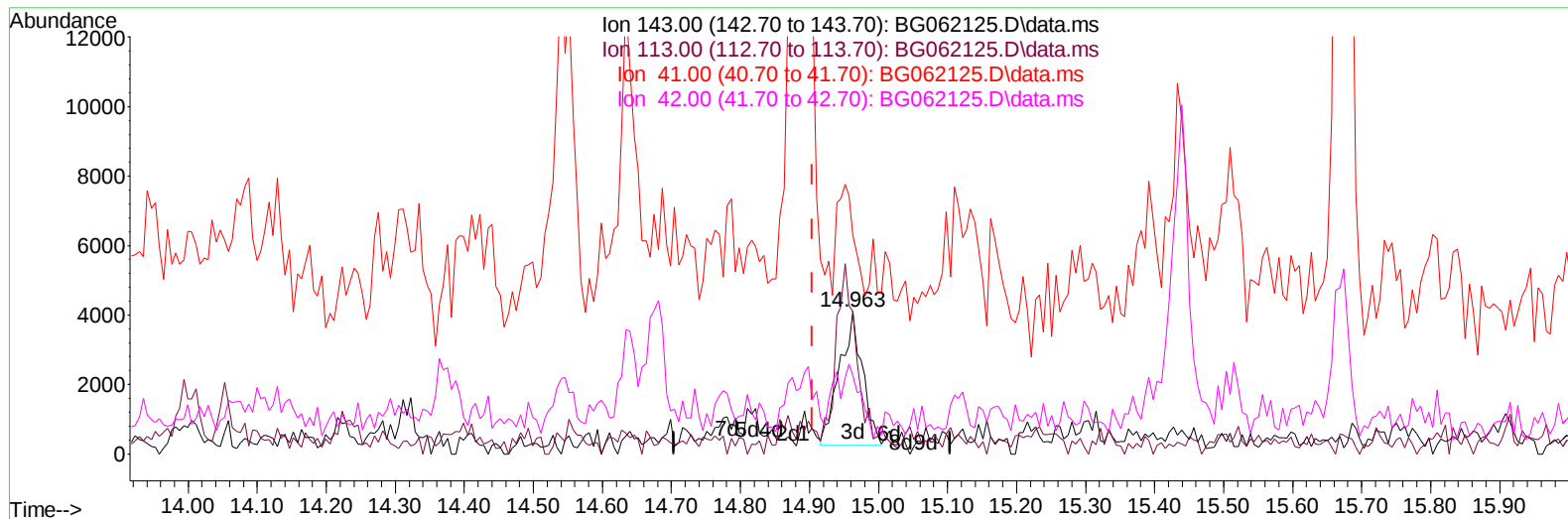
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071724\
Data File : BG062125.D
Acq On : 17 Jul 2024 23:17
Operator : MA/JU
Sample : P3217-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZD6

Manual IntegrationsAPPROVED

Quant Time: Jul 18 03:18:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 16 12:23:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



TIC: BG062125.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.963min (+ 0.059) 8.19 ng/ul m

response 8957

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	106.20	100.12
41.00	69.90	153.41#
42.00	41.10	55.24#

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071724\
 Data File : BG062125.D
 Acq On : 17 Jul 2024 23:17
 Operator : MA/JU
 Sample : P3217-19
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YDZD6

Manual IntegrationsAPPROVED

Quant Time: Jul 18 07:25:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 16 12:23:16 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/18/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.048	152	26707	20.000	ng/ul	0.00
20) Naphthalene-d8	10.862	136	123428	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.681	164	83293	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.425	188	185258	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.685	240	171041	20.000	ng/ul	# 0.00
88) Perylene-d12	24.910	264	190713	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.429	96	2000m	2.814	ng/uL	0.00
4) Pyridine-d5	3.864	84	25814	11.813	ng/ul	0.00
7) Phenol-d5	7.225	99	15320	5.242	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.366	67	22539	12.178	ng/ul	0.00
11) 2-Chlorophenol-d4	7.583	132	31407m	15.666	ng/ul	0.00
15) 4-Methylphenol-d8	8.776	113	26564m	11.544	ng/ul	0.01
21) Nitrobenzene-d5	9.211	128	18262	19.454	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.939	143	21957	20.482	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.492	165	40261	19.472	ng/ul	0.00
31) 4-Chloroaniline-d4	11.003	131	32356	10.778	ng/ul	0.00
46) Dimethylphthalate-d6	14.082	166	129759	18.949	ng/ul	0.00
49) Acenaphthylene-d8	14.375	160	136713	19.093	ng/ul	0.00
54) 4-Nitrophenol-d4	14.963	143	8957m	8.191	ng/ul	0.06
60) Fluorene-d10	15.668	176	111229	19.295	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.797	200	17880	18.377	ng/ul	0.00
73) Anthracene-d10	17.525	188	175958	20.343	ng/ul	0.00
81) Pyrene-d10	19.804	212	203090	20.187	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.681	264	206256	21.807	ng/ul	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.476	88	5962m	7.600	ng/uL	
13) 2-Methylphenol	8.506	108	31494	14.746	ng/ul	85
26) 2,4-Dimethylphenol	10.075	107	137611m	52.596	ng/ul	
30) Naphthalene	10.909	128	218273	32.194	ng/ul#	94
35) 4-Chloro-3-methylphenol	12.160	107	24080	9.309	ng/ul#	79
36) 2-Methylnaphthalene	12.525	142	1025783	208.837	ng/ul	95
37) 1-Methylnaphthalene	12.742	142	724035	141.844	ng/ul	95
43) 1,1'-Biphenyl	13.512	154	14102	2.197	ng/ul#	96
52) Acenaphthene	14.740	153	9690	1.786	ng/ul#	74
61) Fluorene	15.721	166	7085	1.086	ng/ul	98
72) Phenanthrene	17.466	178	16689	1.708	ng/ul#	90

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071724\
Data File : BG062125.D
Acq On : 17 Jul 2024 23:17
Operator : MA/JU
Sample : P3217-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YDZD6

Manual IntegrationsAPPROVED

Quant Time: Jul 18 07:25:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 16 12:23:16 2024
Response via : Initial Calibration

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