

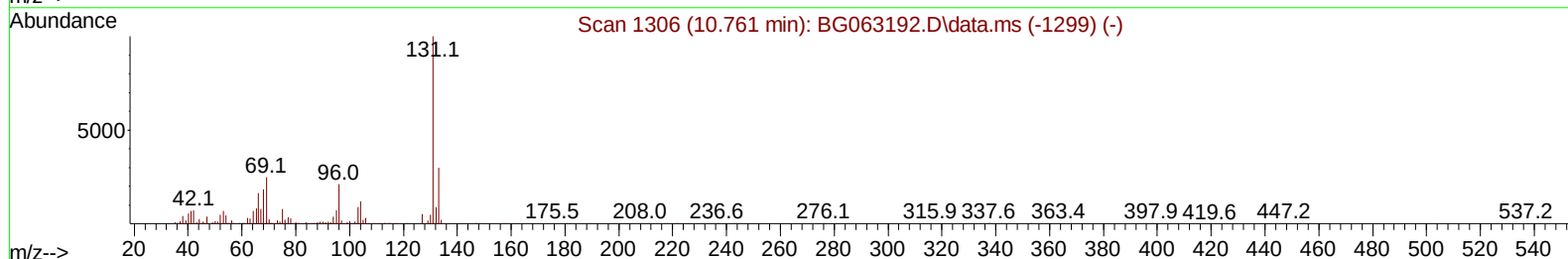
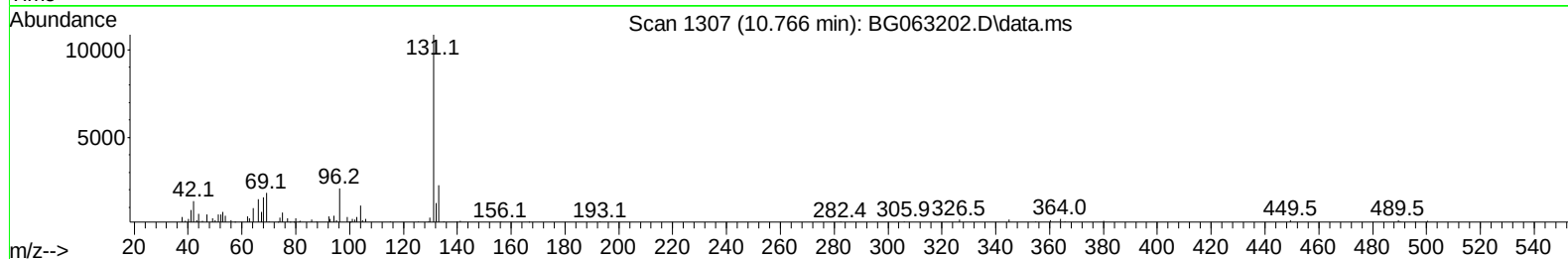
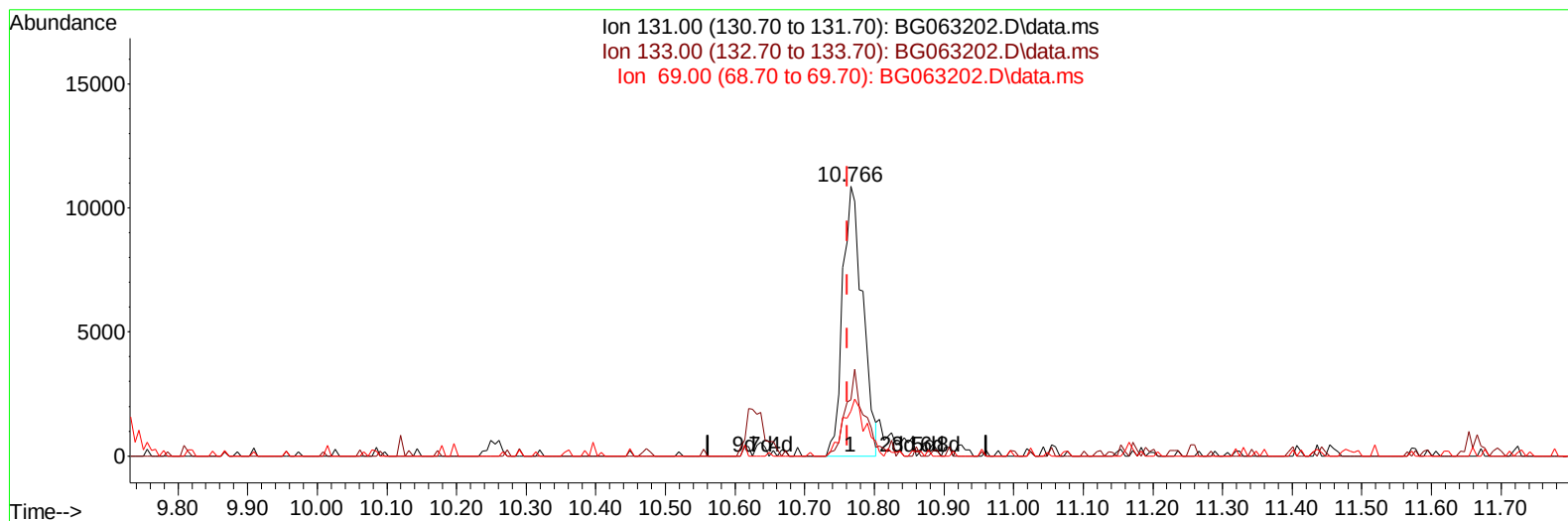
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
Data File : BG063202.D
Acq On : 7 Nov 2024 14:59
Operator : RC/JU
Sample : P4586-02
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4EE9

Manual IntegrationsAPPROVED

Quant Time: Nov 07 15:27:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



TIC: BG063202.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.766min (+ 0.005) 2.44 ng/u1

response 21807

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	29.80	20.79#
69.00	24.60	16.65#
0.00	0.00	0.00

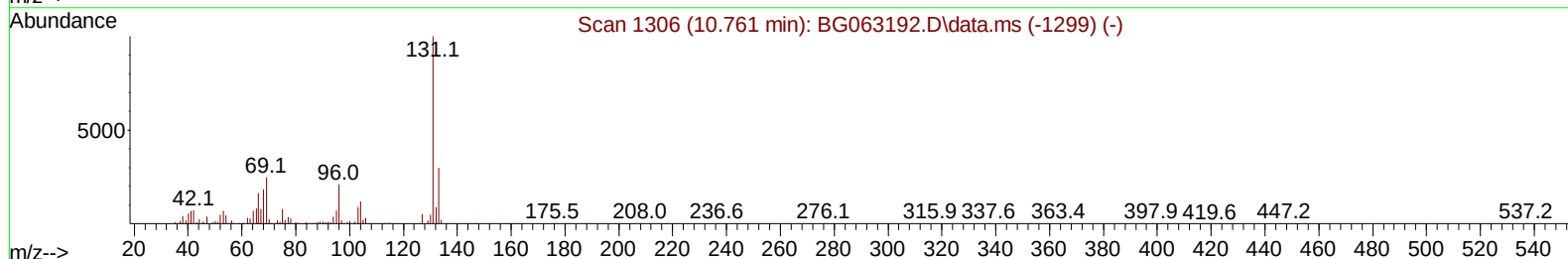
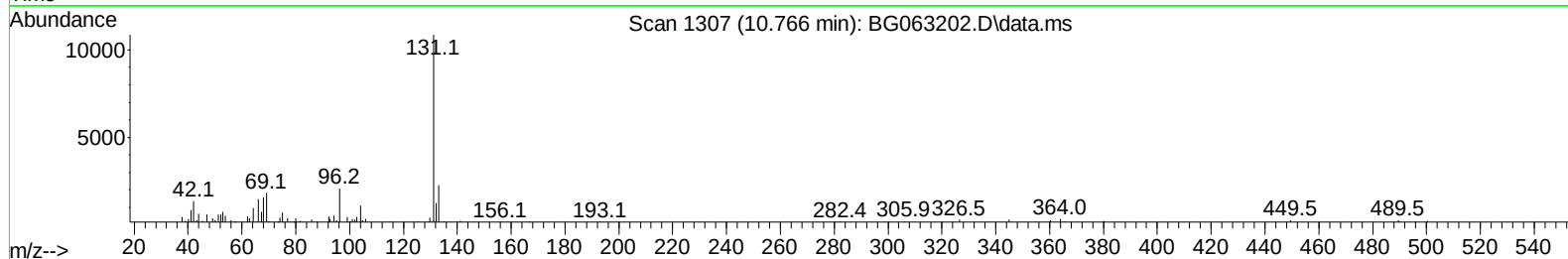
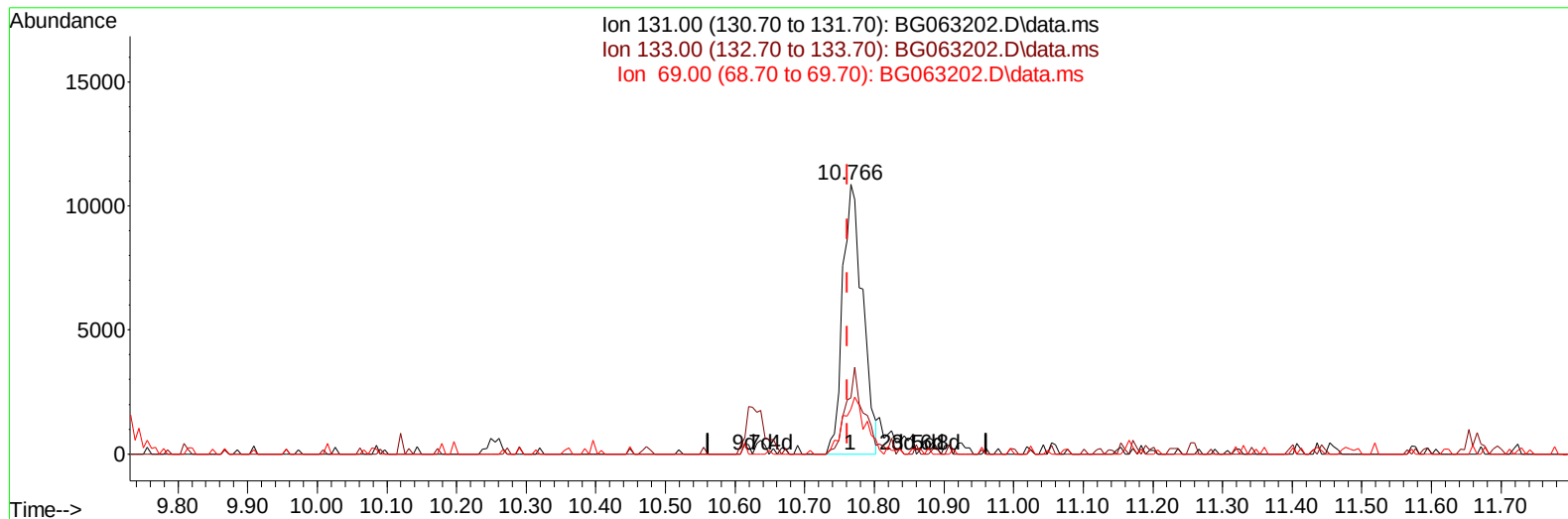
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
Data File : BG063202.D
Acq On : 7 Nov 2024 14:59
Operator : RC/JU
Sample : P4586-02
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



TIC: BG063202.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.766min (+ 0.005) 2.44 ng/u1

response 21807

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	29.80	20.79#
69.00	24.60	16.65#
0.00	0.00	0.00

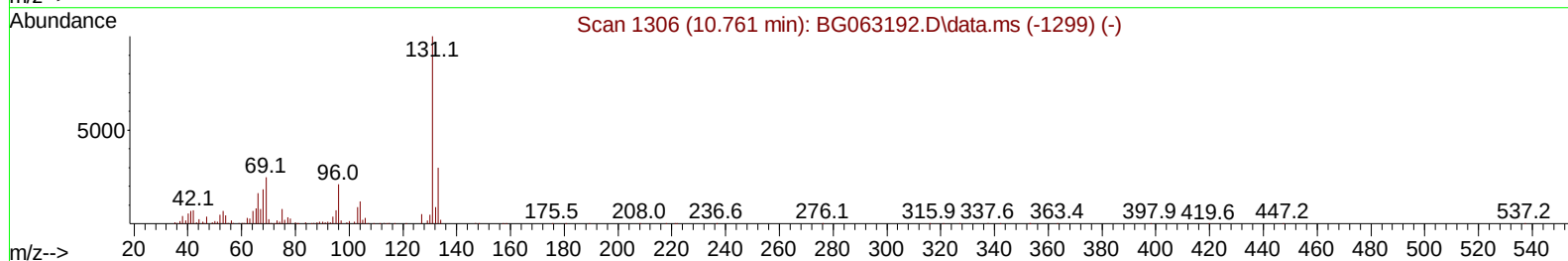
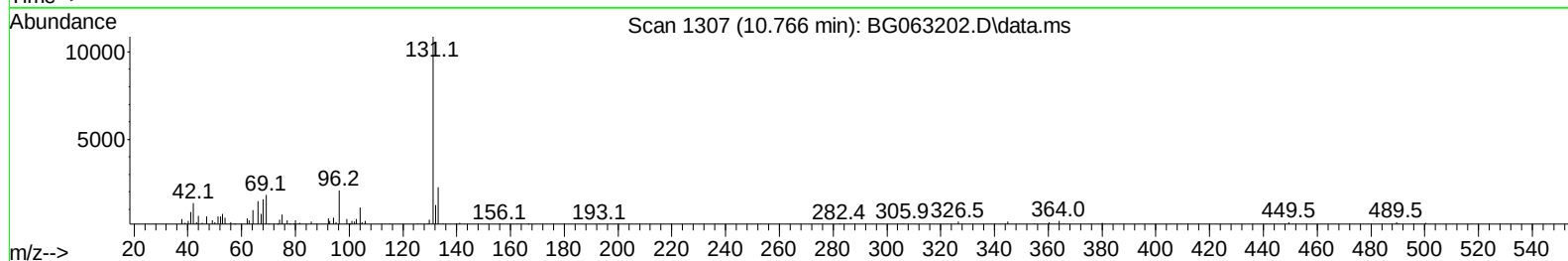
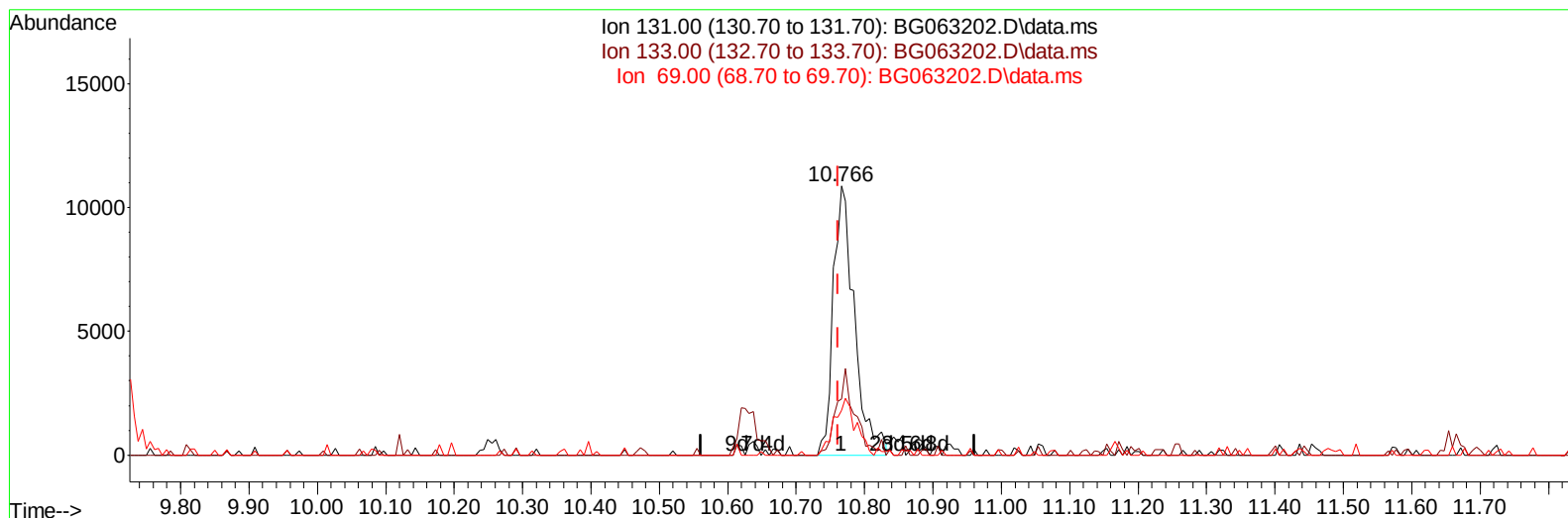
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
Data File : BG063202.D
Acq On : 7 Nov 2024 14:59
Operator : RC/JU
Sample : P4586-02
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4EE9

Manual IntegrationsAPPROVED

Quant Time: Nov 07 15:27:22 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/08/2024
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TIC: BG063202.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.766min (+ 0.005) 2.61 ng/ul m

response 23318

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	29.80	20.79#
69.00	24.60	16.65#
0.00	0.00	0.00

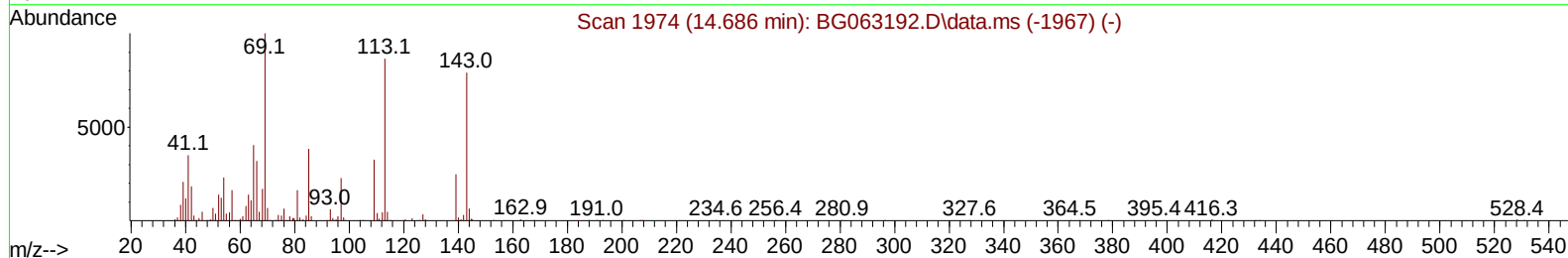
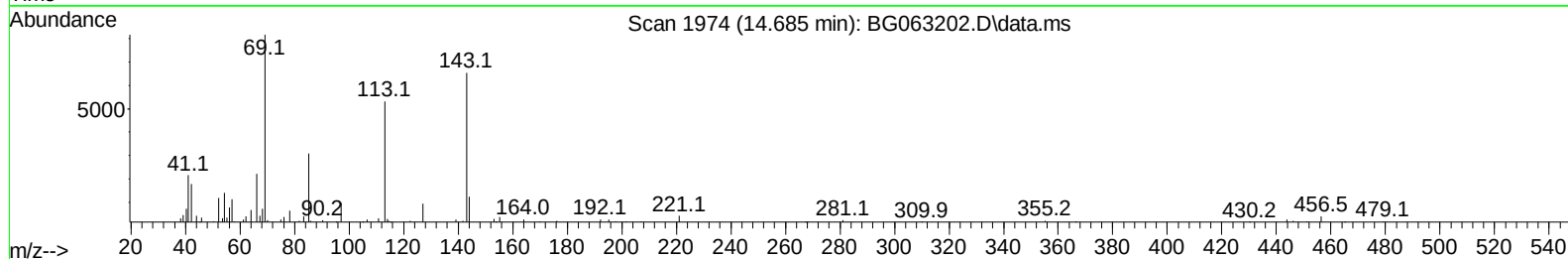
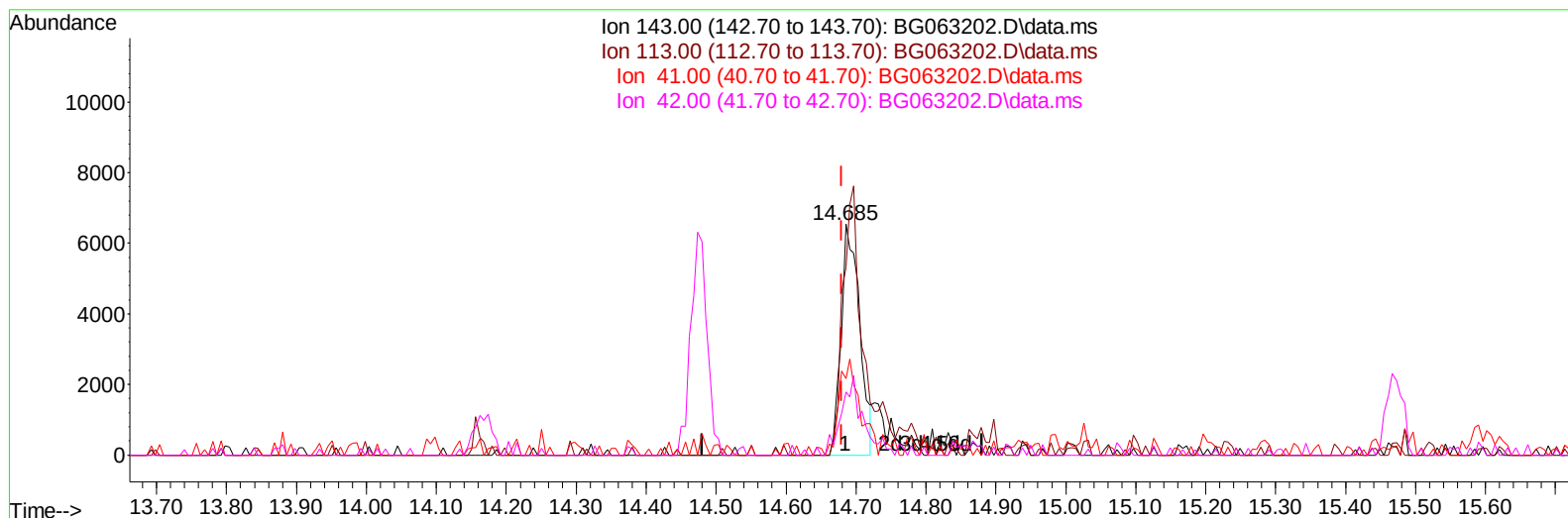
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
Data File : BG063202.D
Acq On : 7 Nov 2024 14:59
Operator : RC/JU
Sample : P4586-02
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4EE9

Manual IntegrationsAPPROVED

Quant Time: Nov 07 15:27:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
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Reviewed By :Yogesh Patel 11/08/2024
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TIC: BG063202.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.685min (+ 0.005) 3.16 ng/ul

response 12198

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	123.00	81.38#
41.00	42.60	33.08#
42.00	30.90	27.29

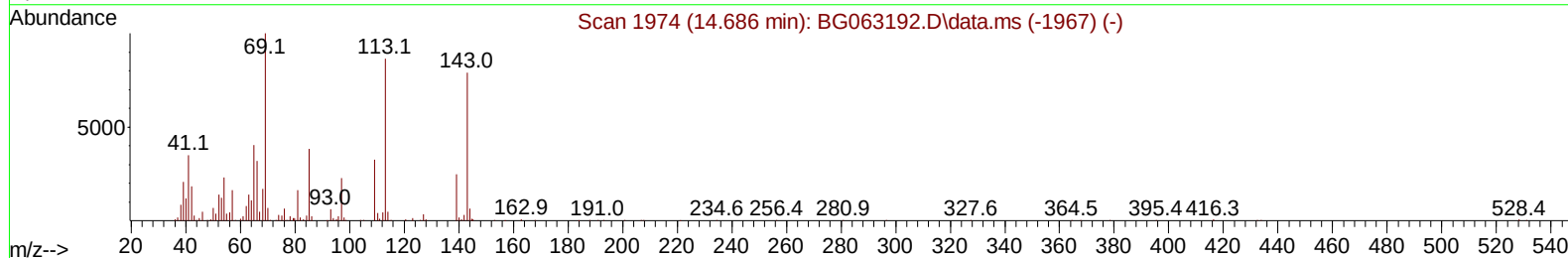
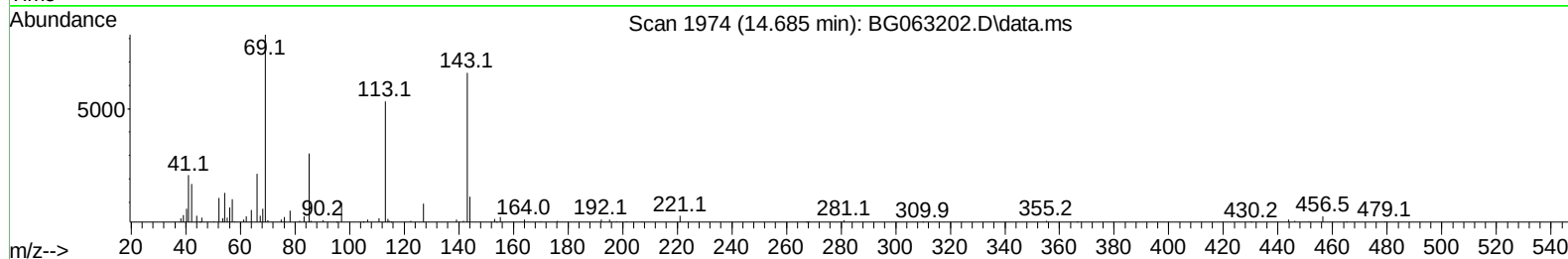
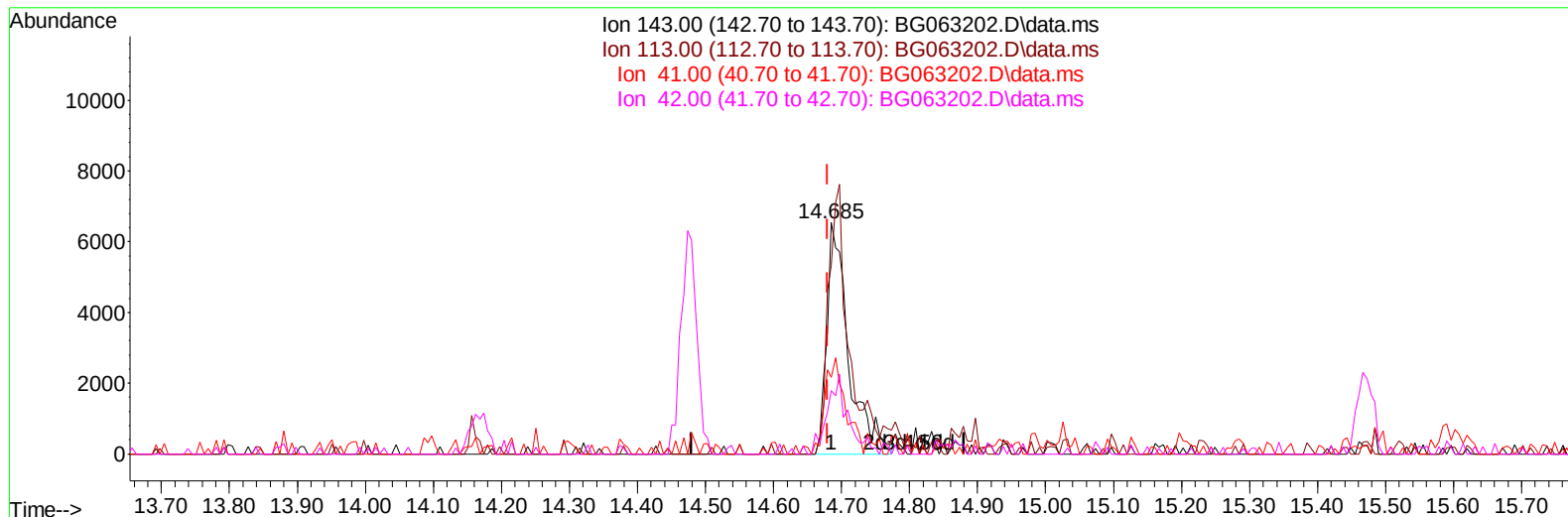
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
Data File : BG063202.D
Acq On : 7 Nov 2024 14:59
Operator : RC/JU
Sample : P4586-02
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4EE9

Manual IntegrationsAPPROVED

Quant Time: Nov 07 15:27:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
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Reviewed By :Yogesh Patel 11/08/2024
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TIC: BG063202.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.685min (+ 0.005) 3.77 ng/ul m

response 14564

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	123.00	81.38#
41.00	42.60	33.08#
42.00	30.90	27.29

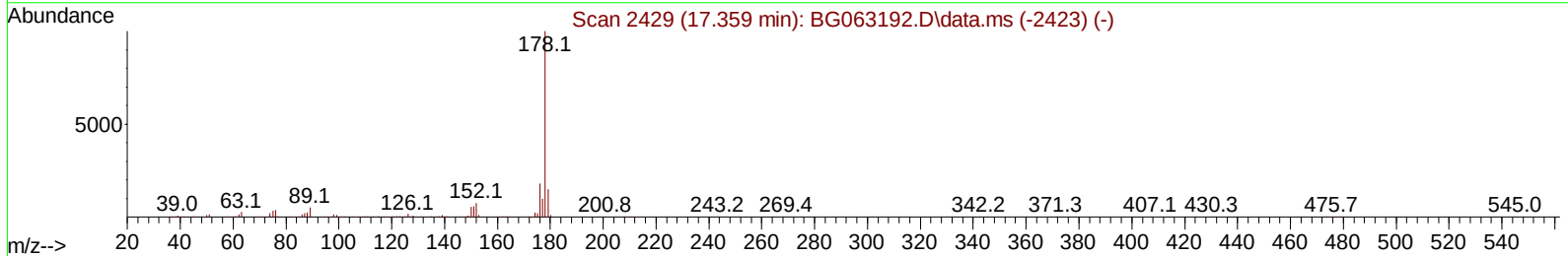
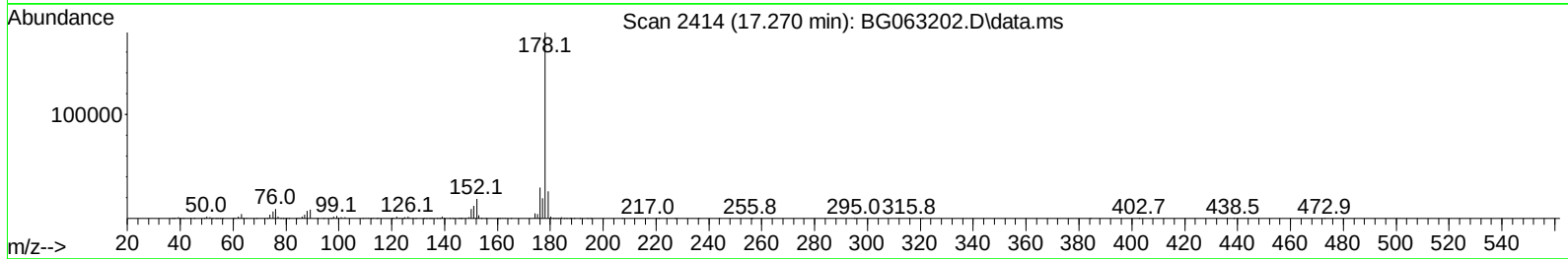
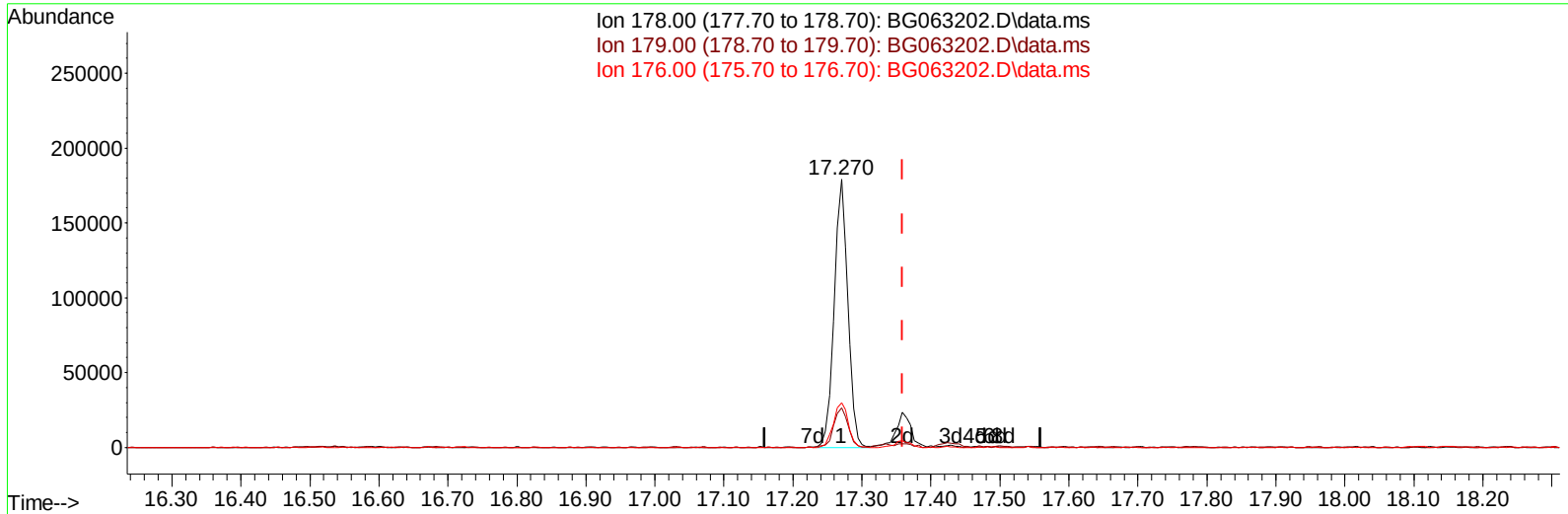
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
Data File : BG063202.D
Acq On : 7 Nov 2024 14:59
Operator : RC/JU
Sample : P4586-02
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4EE9

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 07 15:27:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration



TIC: BG063202.D\data.ms

(74) Anthracene

17.270min (-0.089) 5.77 ng/u1

response 245607

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.10	14.77
176.00	20.10	16.74
0.00	0.00	0.00

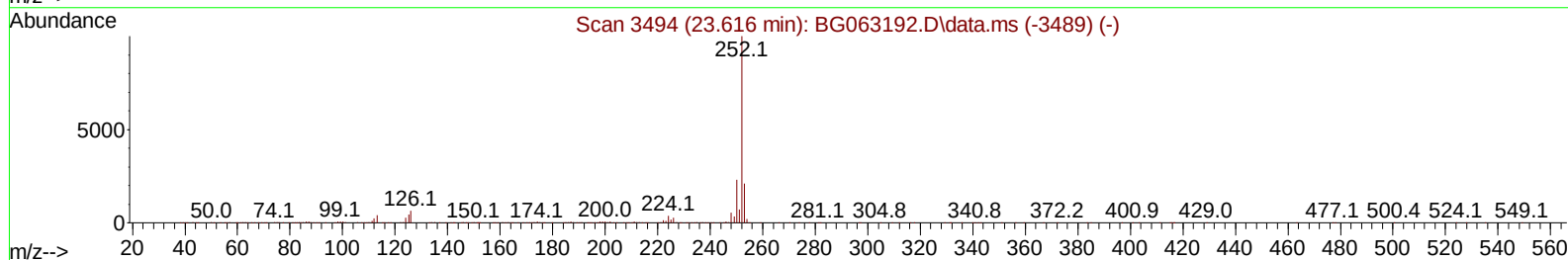
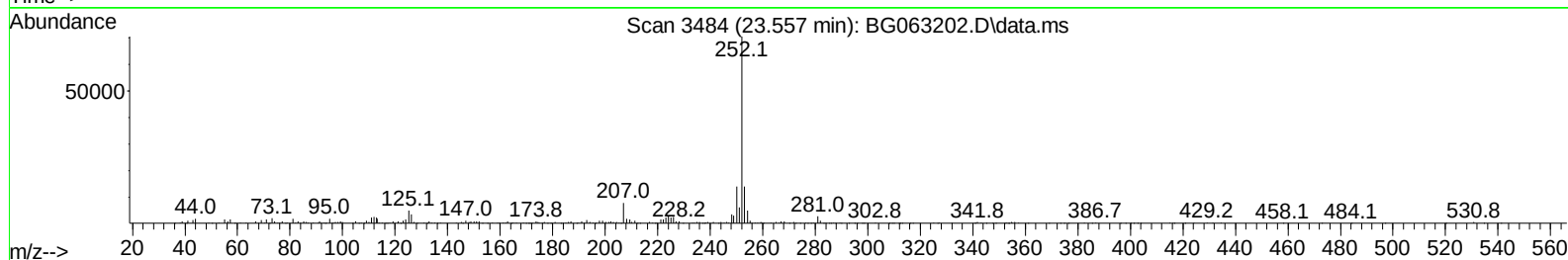
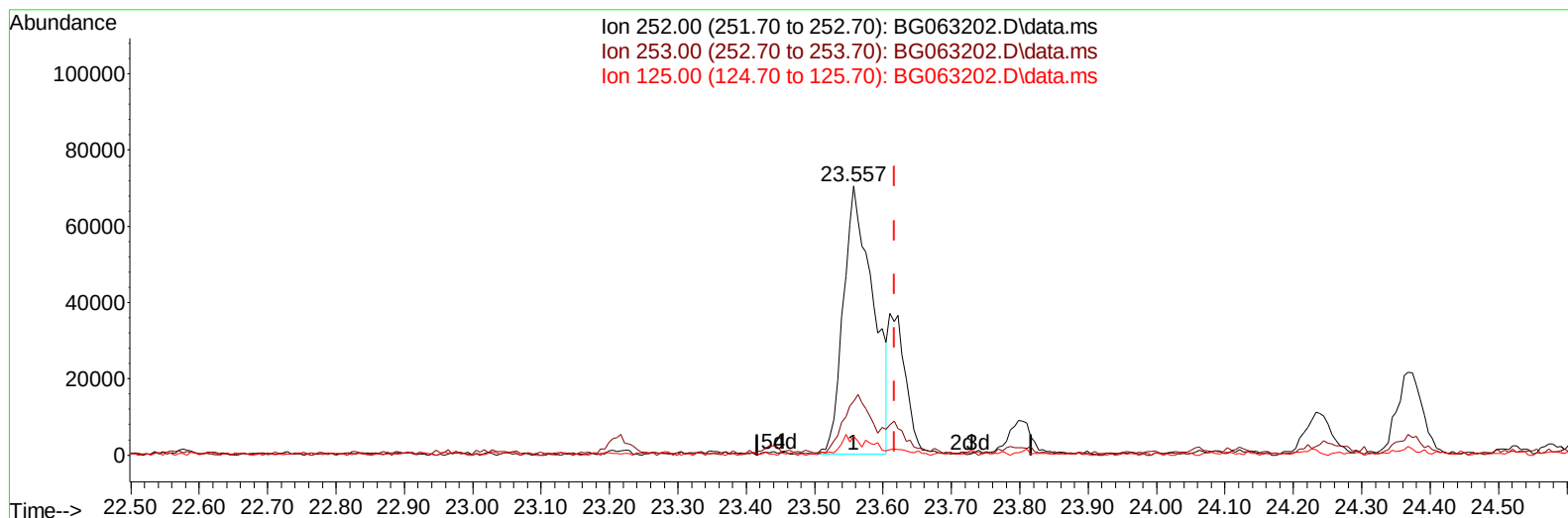
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
Data File : BG063202.D
Acq On : 7 Nov 2024 14:59
Operator : RC/JU
Sample : P4586-02
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4EE9

Manual IntegrationsAPPROVED

Quant Time: Nov 07 15:27:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
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Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



TIC: BG063202.D\data.ms

(91) Benzo(k)fluoranthene

23.557min (-0.059) 3.39 ng/u1

response 211115

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	19.95
125.00	4.10	7.03#
0.00	0.00	0.00

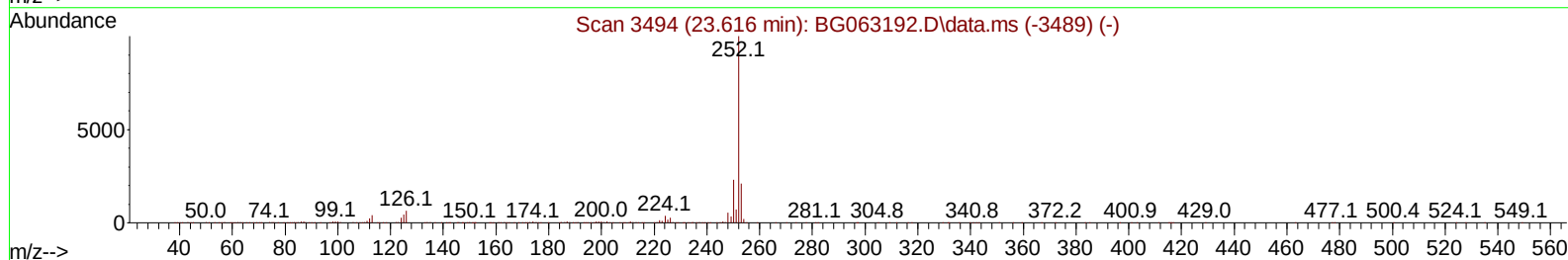
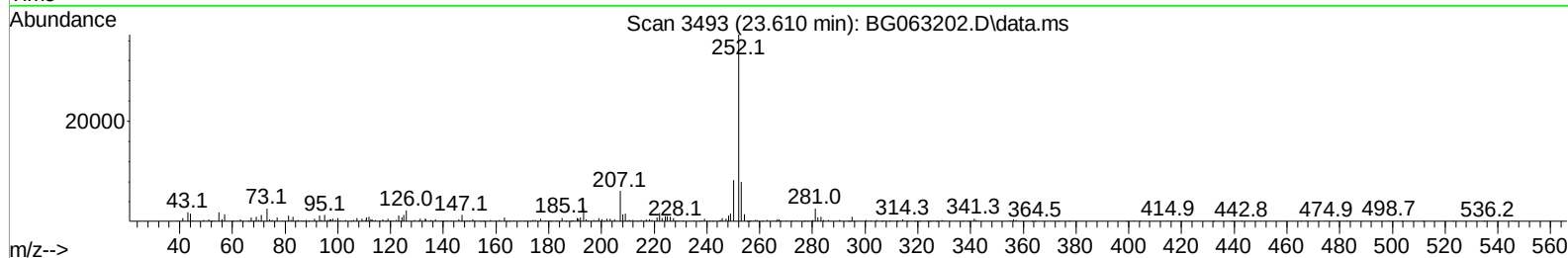
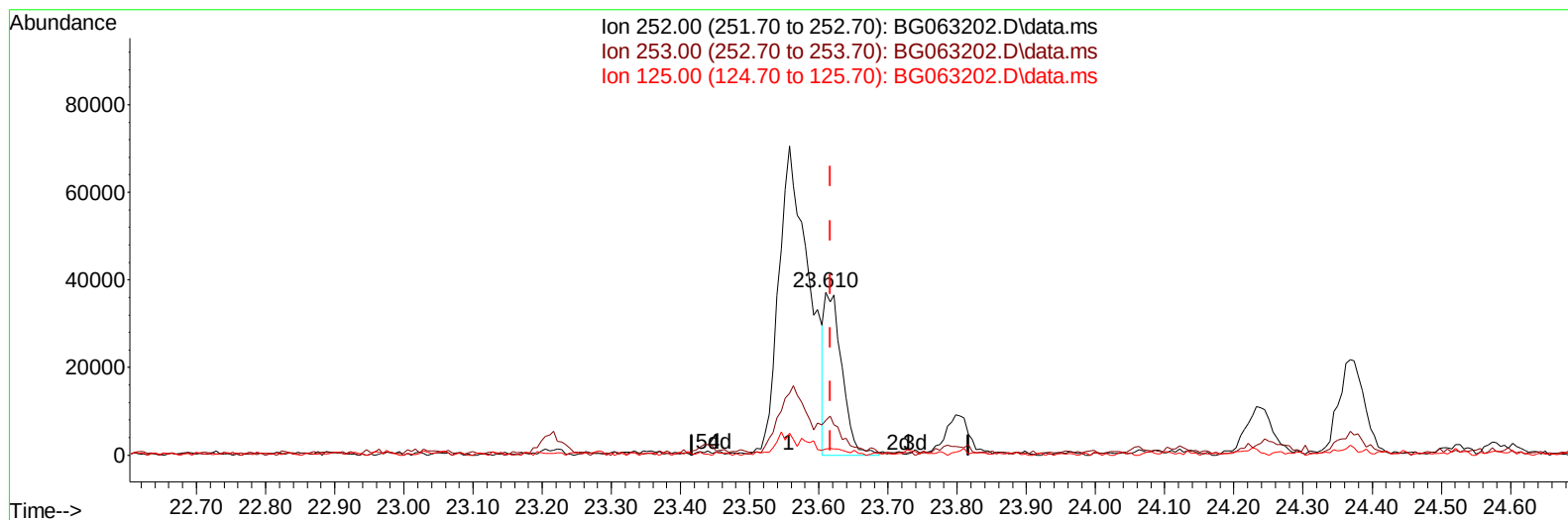
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
Data File : BG063202.D
Acq On : 7 Nov 2024 14:59
Operator : RC/JU
Sample : P4586-02
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4EE9

Manual IntegrationsAPPROVED

Quant Time: Nov 07 15:27:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



TIC: BG063202.D\data.ms

(91) Benzo(k)fluoranthene

23.610min (-0.007) 1.04 ng/ul m

response 64914

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	21.37
125.00	4.10	3.79
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
 Data File : BG063202.D
 Acq On : 7 Nov 2024 14:59
 Operator : RC/JU
 Sample : P4586-02
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4EE9

Manual IntegrationsAPPROVED

Quant Time: Nov 07 15:30:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 06 15:45:52 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/08/2024
 Supervised By :mohammad ahmed 11/11/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	81997	20.000	ng/ul	0.00
20) Naphthalene-d8	10.631	136	385311	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.480	164	360408	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.229	188	909978	20.000	ng/ul	0.00
79) Chrysene-d12	21.483	240	951930	20.000	ng/ul	0.00
88) Perylene-d12	24.515	264	1040536	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	1665	0.918	ng/uL	0.00
4) Pyridine-d5	3.722	84	8186	1.366	ng/ul	0.01
7) Phenol-d5	7.012	99	36200	4.893	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.171	67	20456	4.713	ng/ul	0.00
11) 2-Chlorophenol-d4	7.376	132	25154	5.238	ng/ul	0.00
15) 4-Methylphenol-d8	8.551	113	26223	4.181	ng/ul	0.00
21) Nitrobenzene-d5	8.992	128	14006	5.170	ng/ul	0.00
24) 2-Nitrophenol-d4	9.720	143	20340	5.810	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.255	165	36083	5.252	ng/ul	0.00
31) 4-Chloroaniline-d4	10.766	131	23318m	2.606	ng/ul	0.00
46) Dimethylphthalate-d6	13.880	166	152998	5.420	ng/ul	0.00
49) Acenaphthylene-d8	14.168	160	165898	6.004	ng/ul	0.00
54) 4-Nitrophenol-d4	14.685	143	14564m	3.768	ng/ul	0.00
60) Fluorene-d10	15.473	176	148652	6.239	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.596	200	19859	3.472	ng/ul	0.00
73) Anthracene-d10	17.323	188	232988	5.957	ng/ul	0.00
81) Pyrene-d10	19.621	212	227352	4.764	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.303	264	156898	3.123	ng/ul	0.00
Target Compounds						
						Qvalue
16) Acetophenone	8.657	105	47743	4.728	ng/ul	92
72) Phenanthrene	17.270	178	245607	5.907	ng/ul	95
80) Fluoranthene	19.292	202	360723	6.992	ng/ul	98
82) Pyrene	19.650	202	206968	3.785	ng/ul#	92
85) Benzo(a)anthracene	21.460	228	163700	2.719	ng/ul	98
87) Chrysene	21.524	228	165260	2.944	ng/ul	94
90) Benzo(b)fluoranthene	23.557	252	211115	3.372	ng/ul#	96
91) Benzo(k)fluoranthene	23.610	252	64914m	1.041	ng/ul	

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

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Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4EE9

Manual IntegrationsAPPROVED

Quant Time: Nov 07 15:30:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
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