

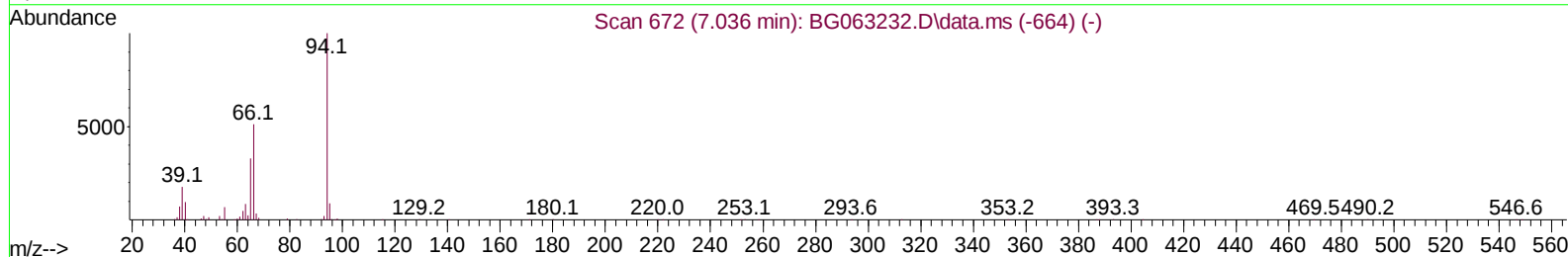
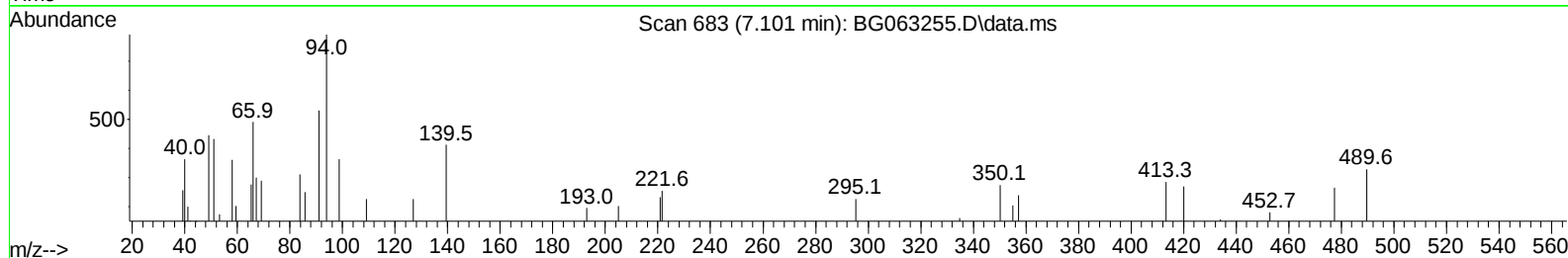
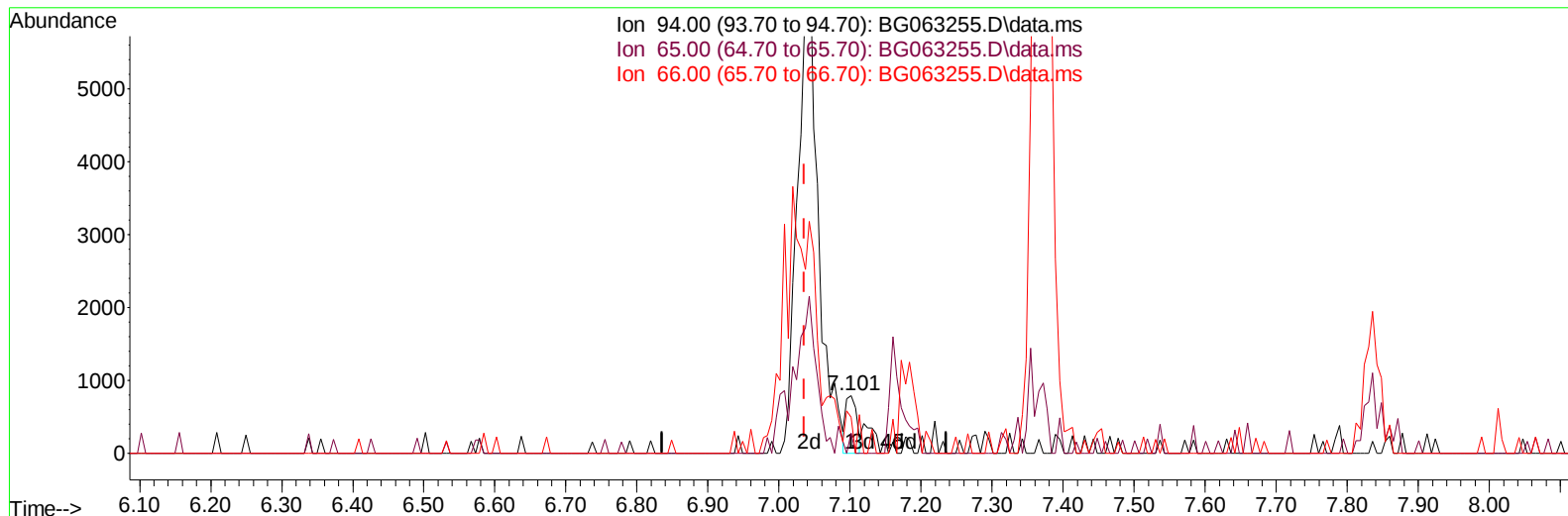
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
Data File : BG063255.D
Acq On : 9 Nov 2024 8:33
Operator : RC/JU
Sample : P4582-09
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4EC0

Manual IntegrationsAPPROVED

Quant Time: Nov 09 23:44:12 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 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



TIC: BG063255.D\data.ms

(8) Phenol

7.101min (+ 0.065) 0.07 ng/u1

response 838

Ion	Exp%	Act%
94.00	100.00	100.00
65.00	37.60	34.89
66.00	52.50	62.07
0.00	0.00	0.00

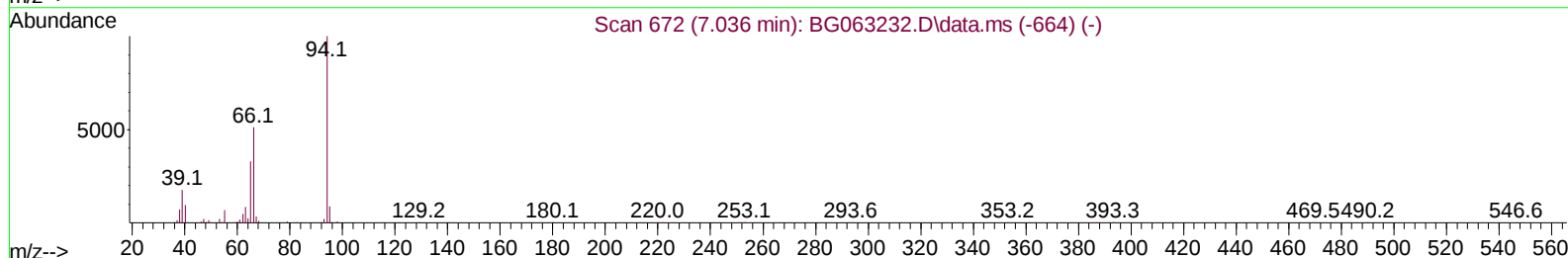
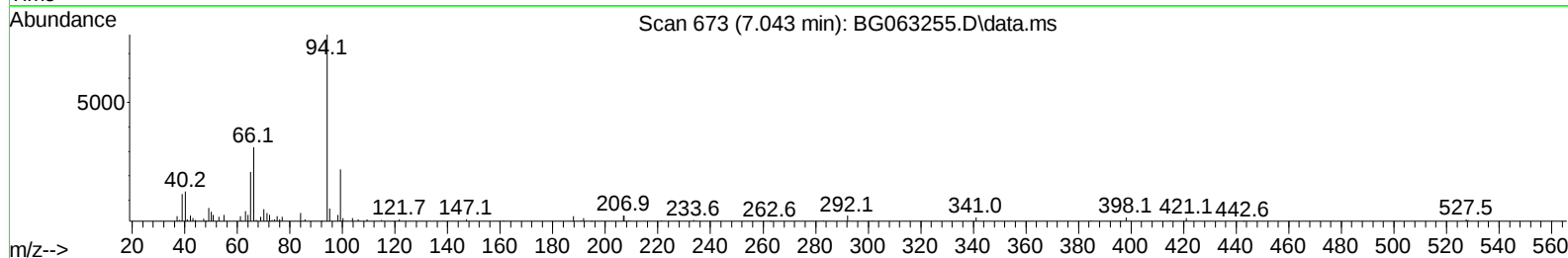
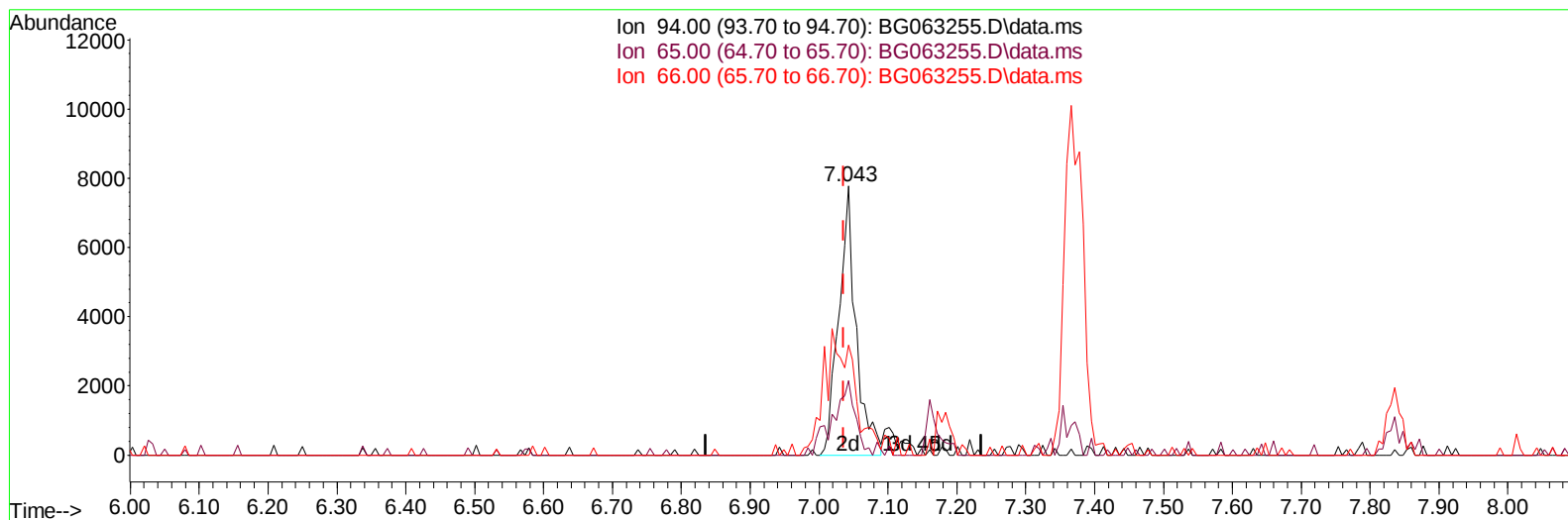
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
Data File : BG063255.D
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ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Nov 09 23:44:12 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
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Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



TIC: BG063255.D\data.ms

(8) Phenol

7.043min (+ 0.007) 1.16 ng/ul m

response 13600

Ion	Exp%	Act%
94.00	100.00	100.00
65.00	37.60	27.74#
66.00	52.50	40.94#
0.00	0.00	0.00

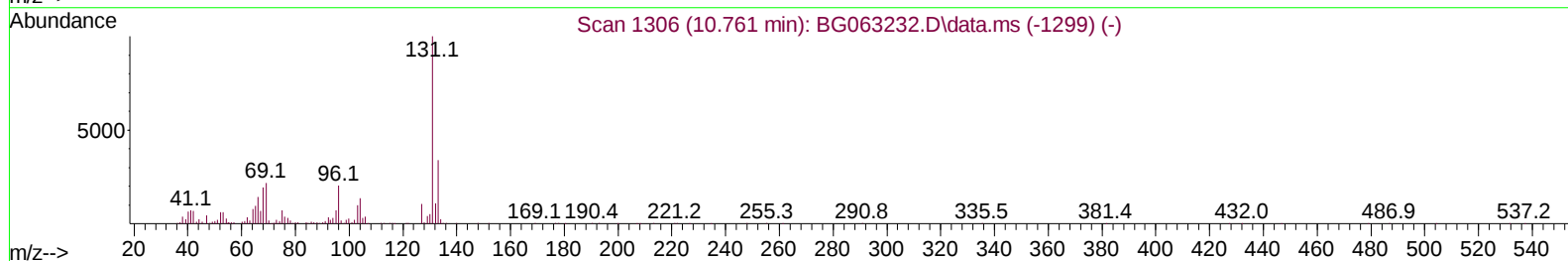
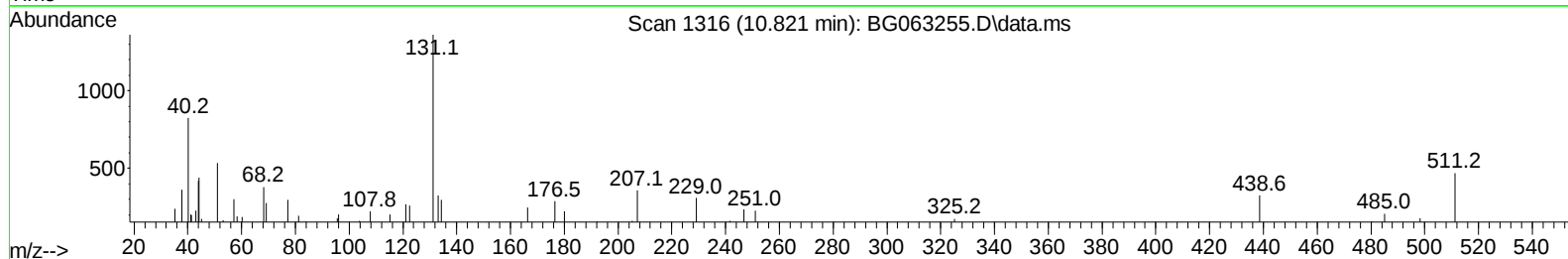
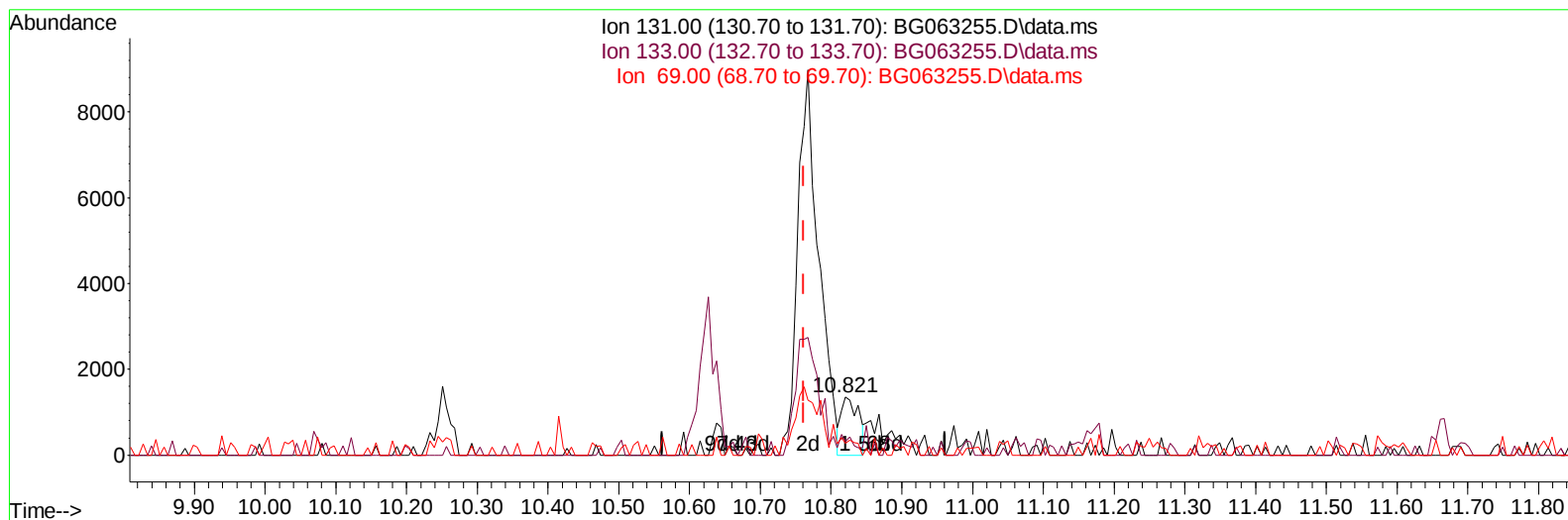
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
Data File : BG063255.D
Acq On : 9 Nov 2024 8:33
Operator : RC/JU
Sample : P4582-09
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ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 11/11/2024



TIC: BG063255.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.821min (+ 0.059) 0.18 ng/u1

response 2281

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	29.80	23.88
69.00	24.60	20.21
0.00	0.00	0.00

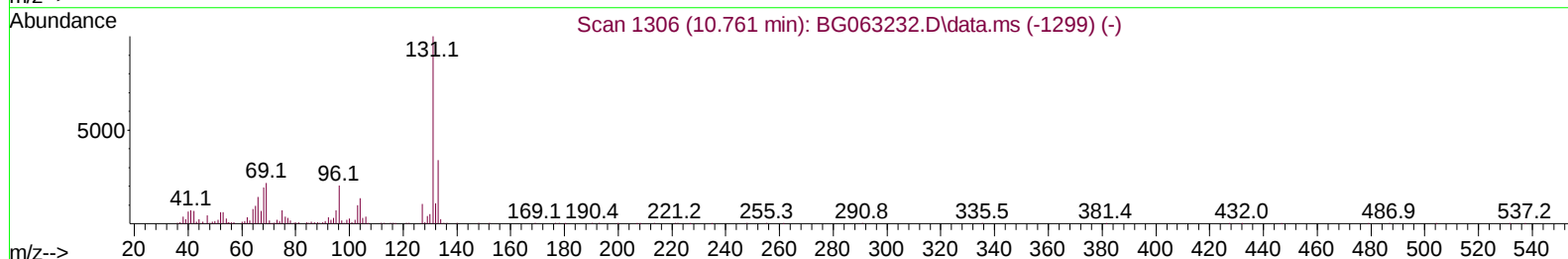
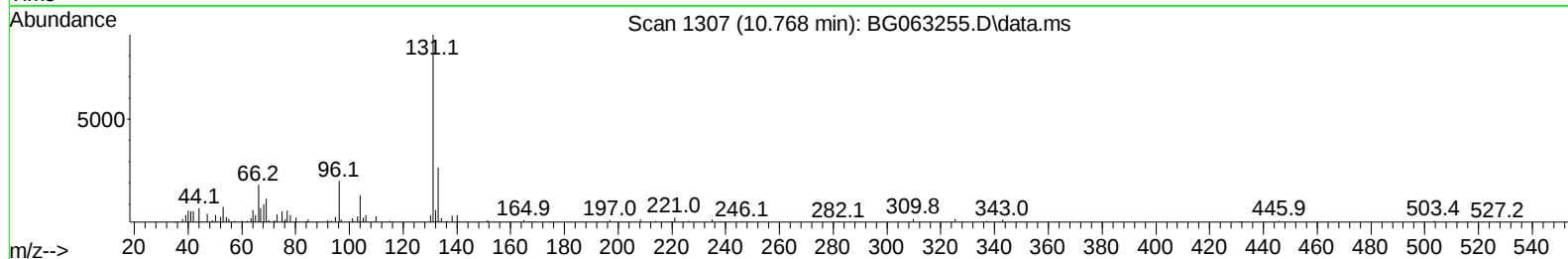
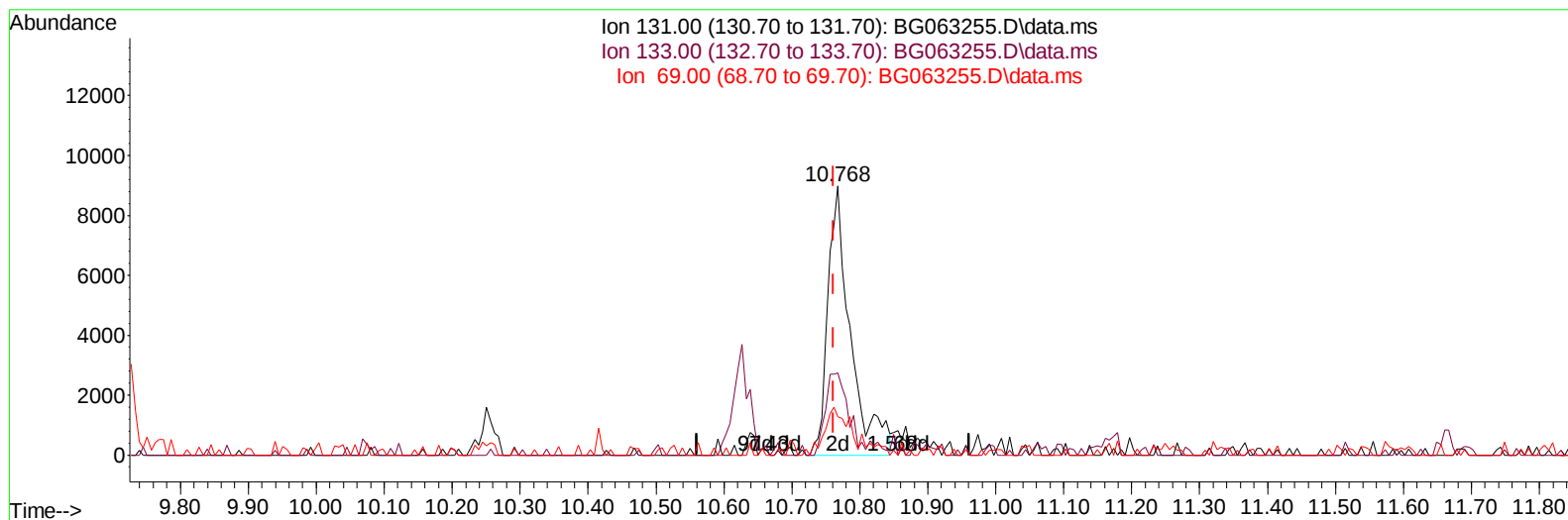
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
Data File : BG063255.D
Acq On : 9 Nov 2024 8:33
Operator : RC/JU
Sample : P4582-09
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4EC0

Manual IntegrationsAPPROVED

Quant Time: Nov 09 23:44:12 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 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



TIC: BG063255.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.768min (+ 0.007) 1.60 ng/ul m

response 20791

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	29.80	30.49
69.00	24.60	14.18#
0.00	0.00	0.00

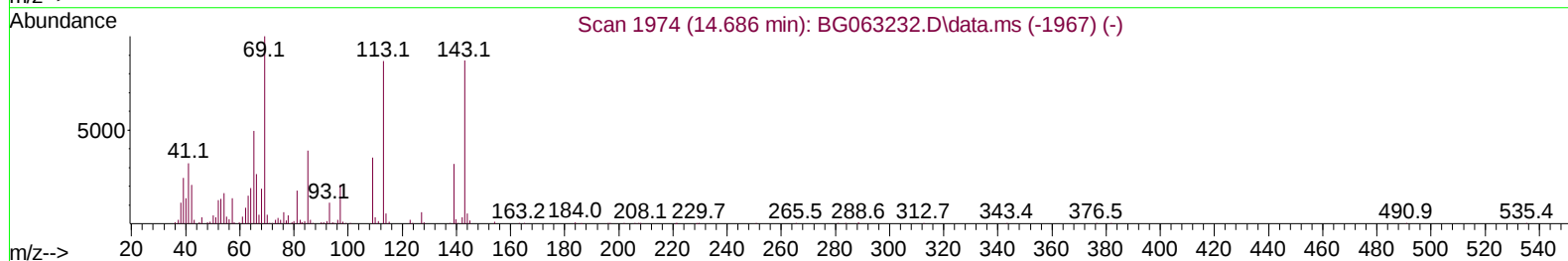
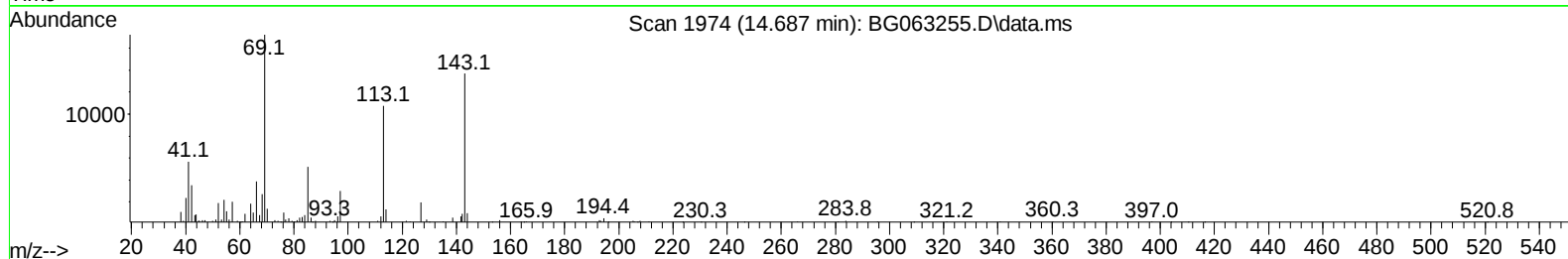
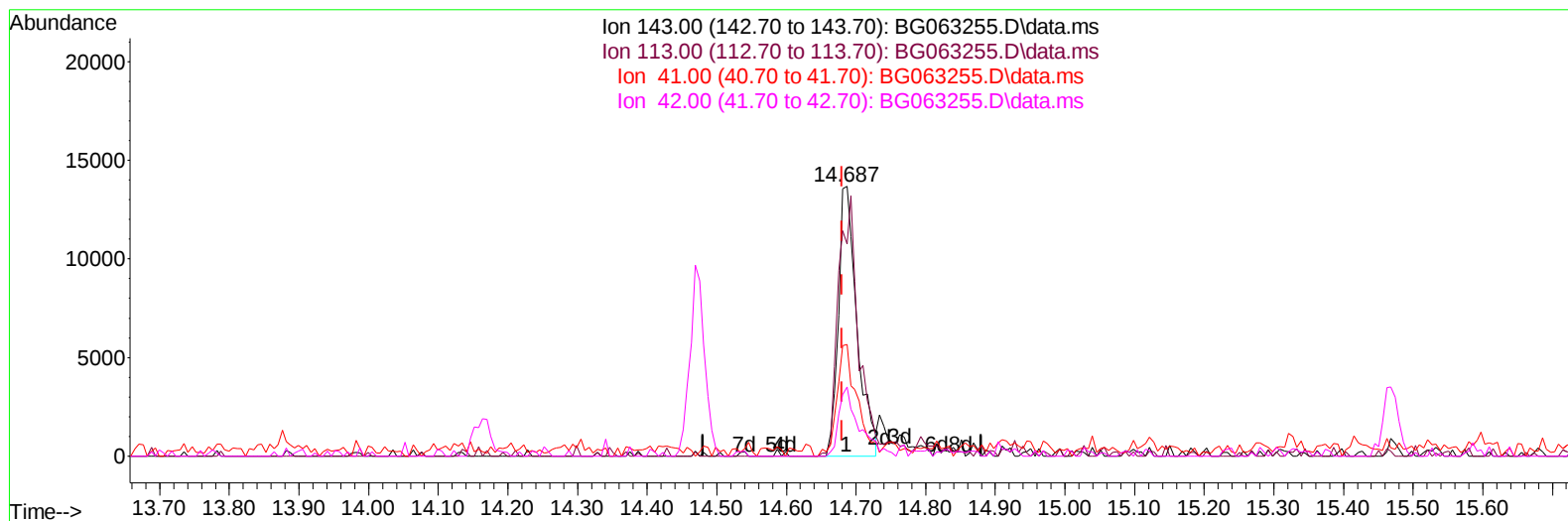
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
Data File : BG063255.D
Acq On : 9 Nov 2024 8:33
Operator : RC/JU
Sample : P4582-09
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4EC0

Manual IntegrationsAPPROVED

Quant Time: Nov 09 23:44:12 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 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



TIC: BG063255.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.687min (+ 0.007) 4.98 ng/u1

response 25465

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	123.00	78.54#
41.00	42.60	41.42
42.00	30.90	25.56

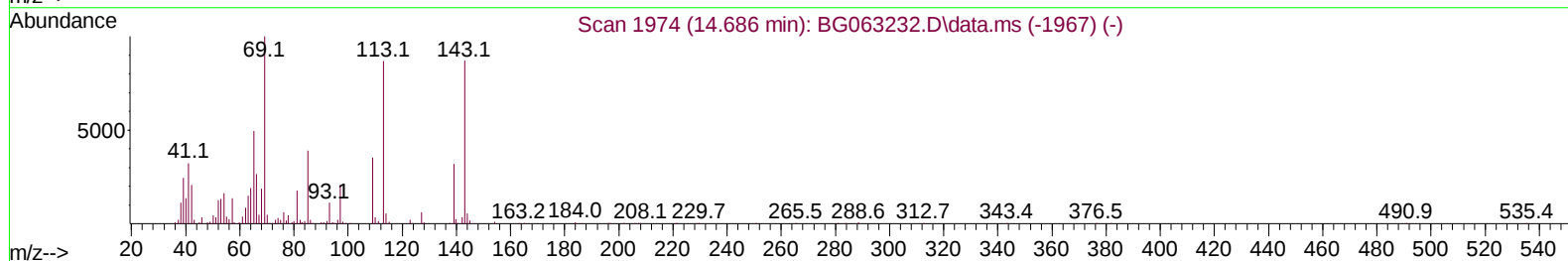
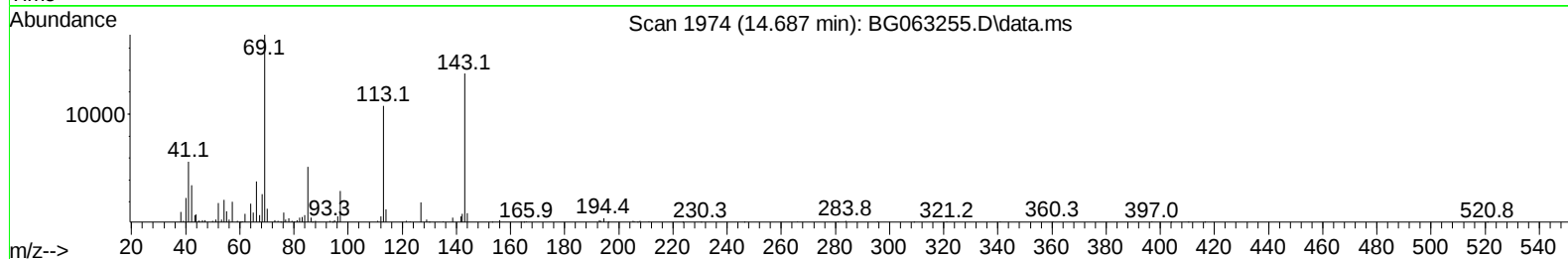
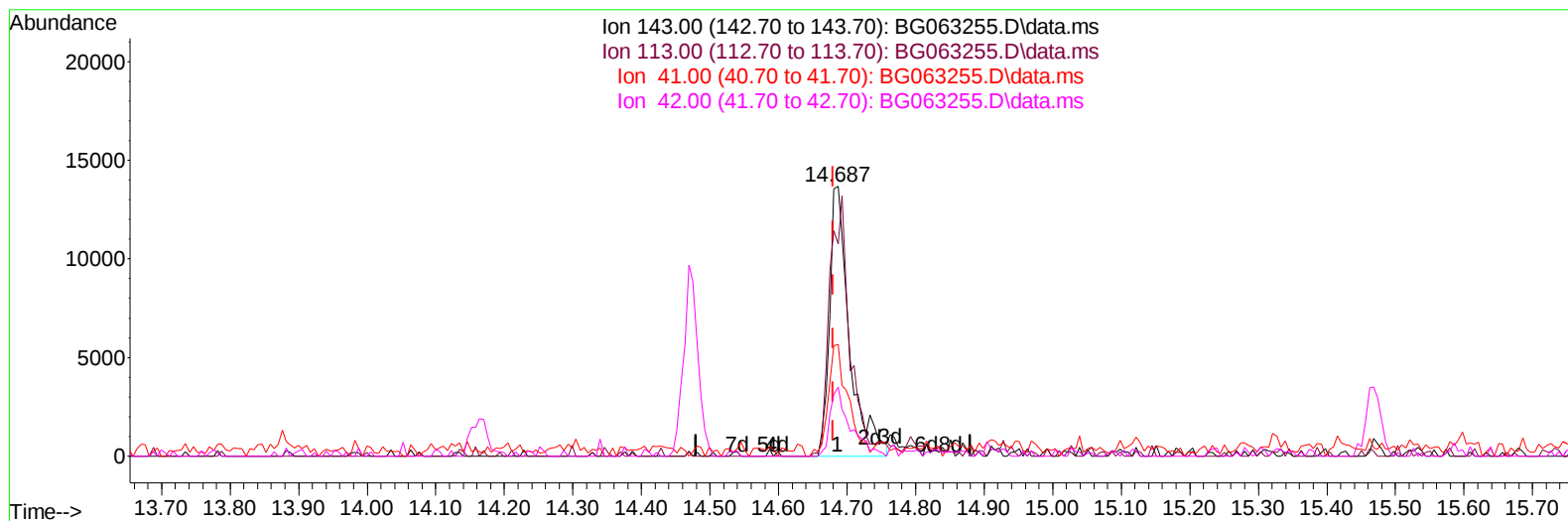
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
 Data File : BG063255.D
 Acq On : 9 Nov 2024 8:33
 Operator : RC/JU
 Sample : P4582-09
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4EC0

Manual IntegrationsAPPROVED

Quant Time: Nov 09 23:44:12 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 11/10/2024
 Supervised By :mohammad ahmed 11/11/2024



TIC: BG063255.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.687min (+ 0.007) 5.38 ng/ul m

response 27512

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	123.00	78.54#
41.00	42.60	41.42
42.00	30.90	25.56

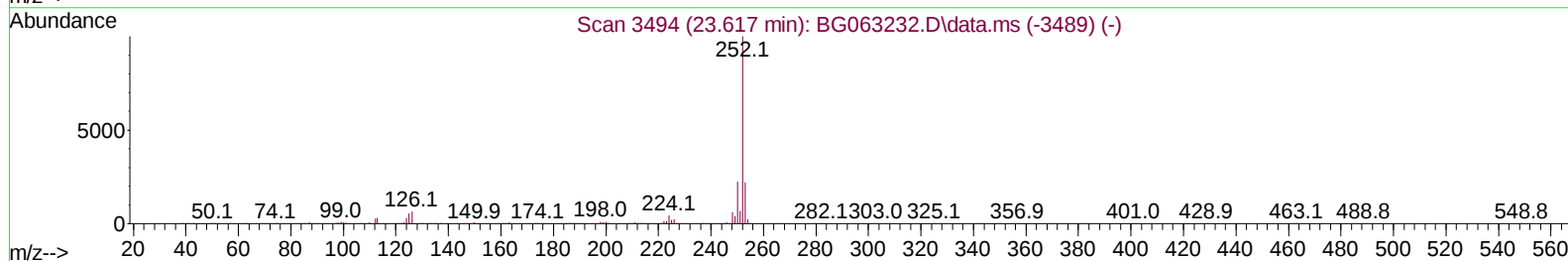
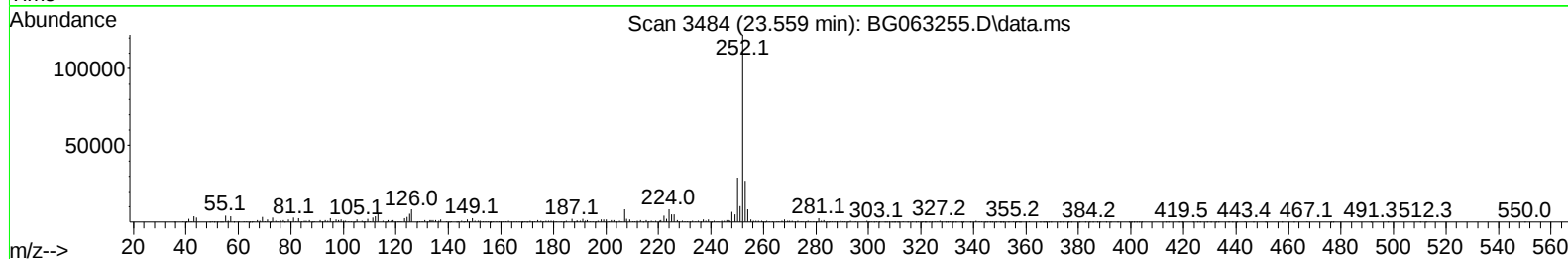
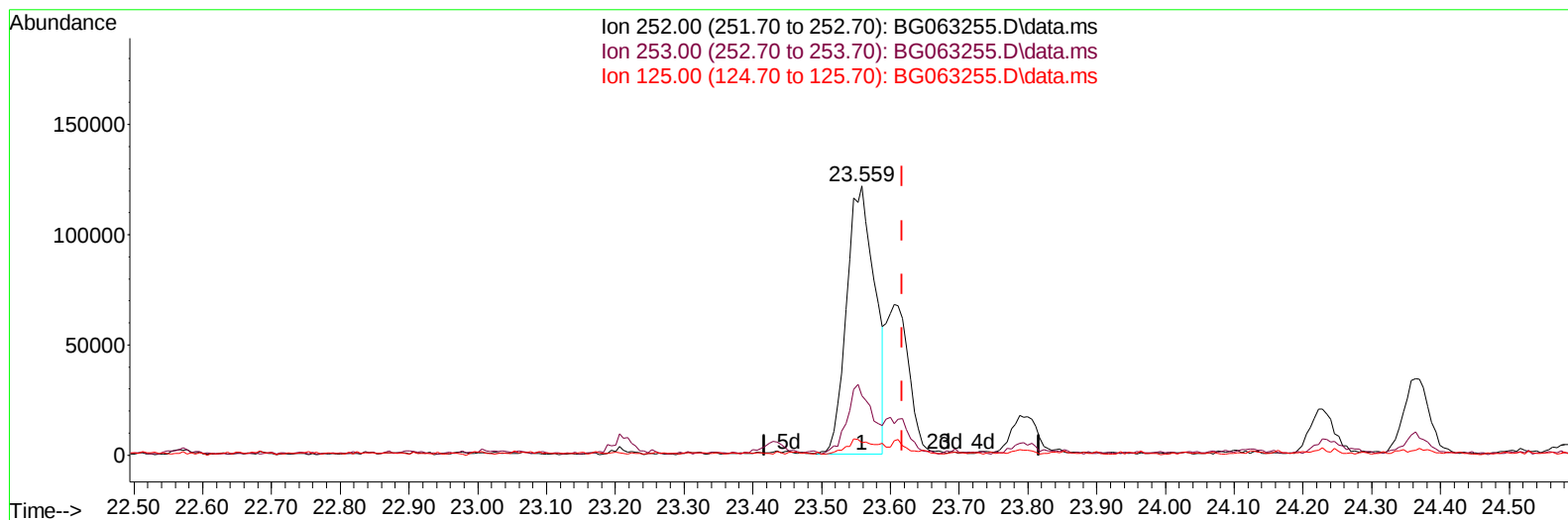
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
Data File : BG063255.D
Acq On : 9 Nov 2024 8:33
Operator : RC/JU
Sample : P4582-09
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4EC0

Manual IntegrationsAPPROVED

Quant Time: Nov 09 23:44:12 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 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



TIC: BG063255.D\data.ms

(91) Benzo(k)fluoranthene

23.559min (-0.058) 5.18 ng/u1

response 346596

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	22.08
125.00	4.10	4.56
0.00	0.00	0.00

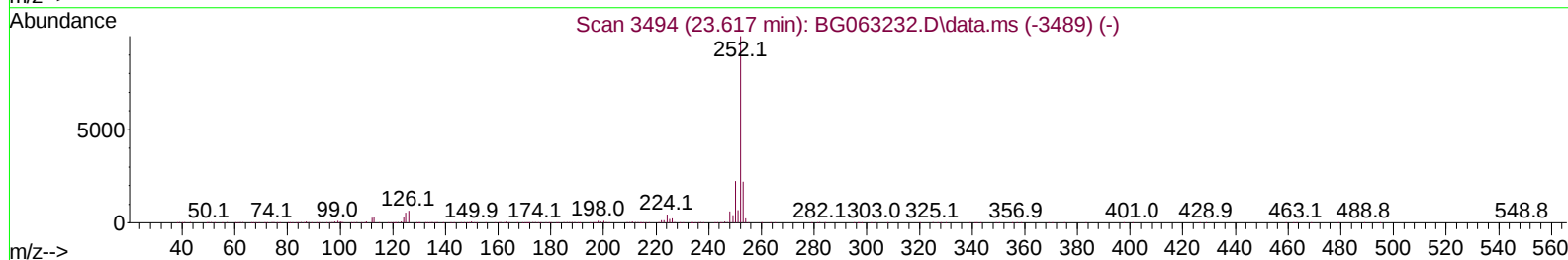
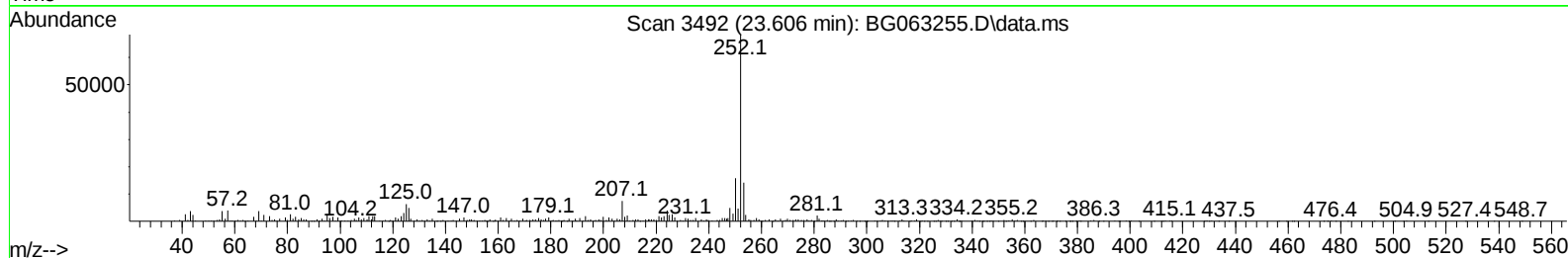
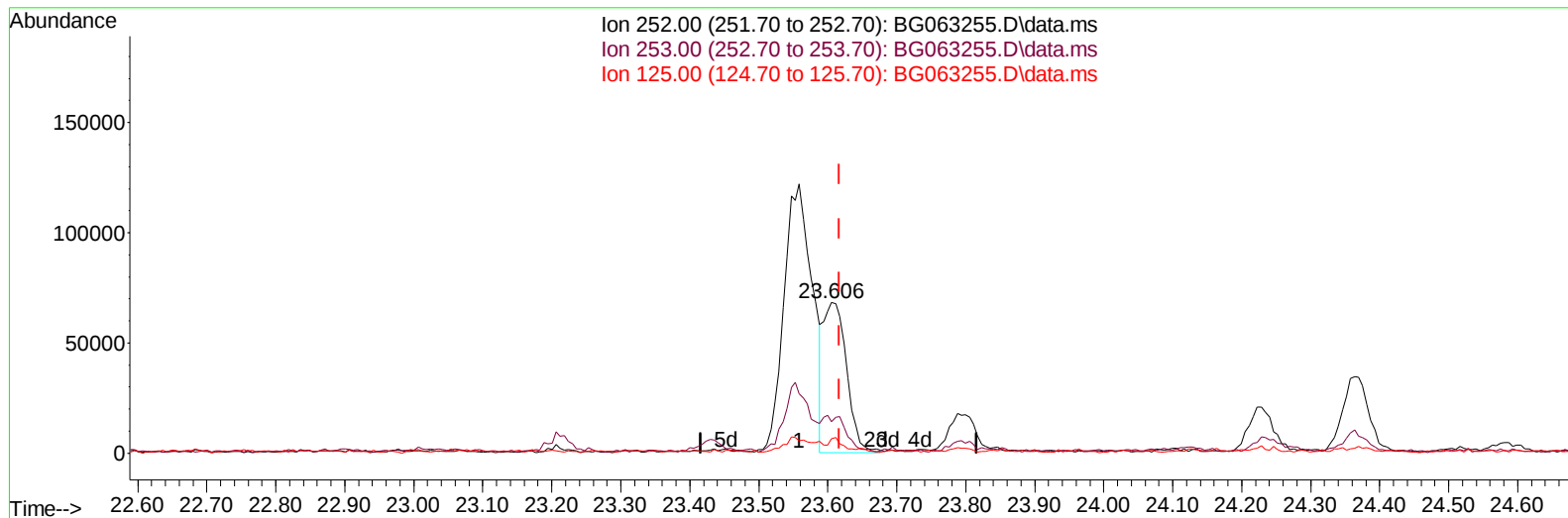
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
Data File : BG063255.D
Acq On : 9 Nov 2024 8:33
Operator : RC/JU
Sample : P4582-09
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4EC0

Manual IntegrationsAPPROVED

Quant Time: Nov 09 23:44:12 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 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



TIC: BG063255.D\data.ms

(91) Benzo(k)fluoranthene

23.606min (-0.011) 2.36 ng/u1 m

response 157749

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	20.93
125.00	4.10	9.48#
0.00	0.00	0.00

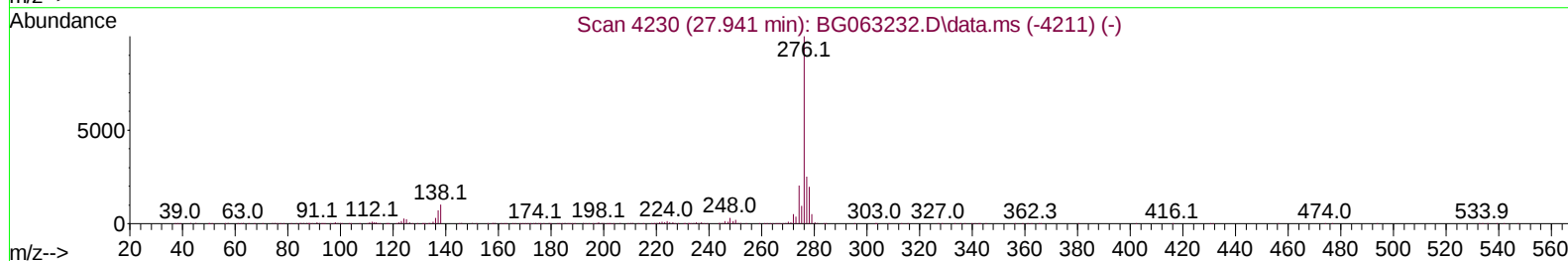
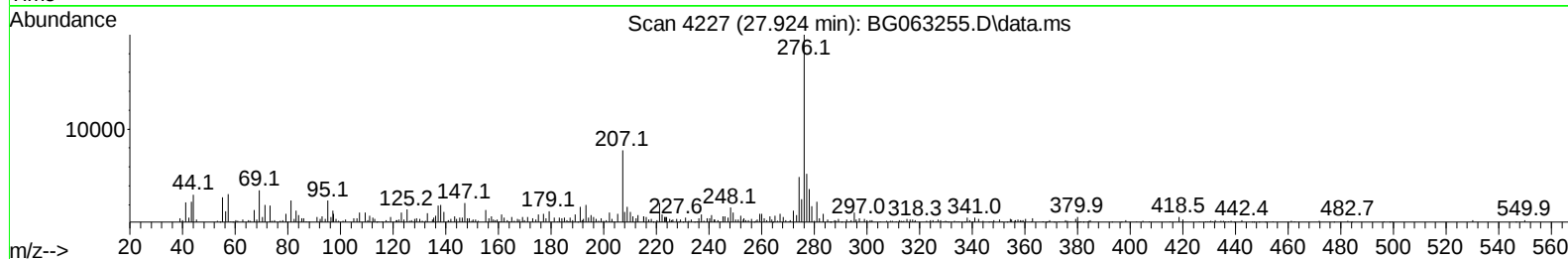
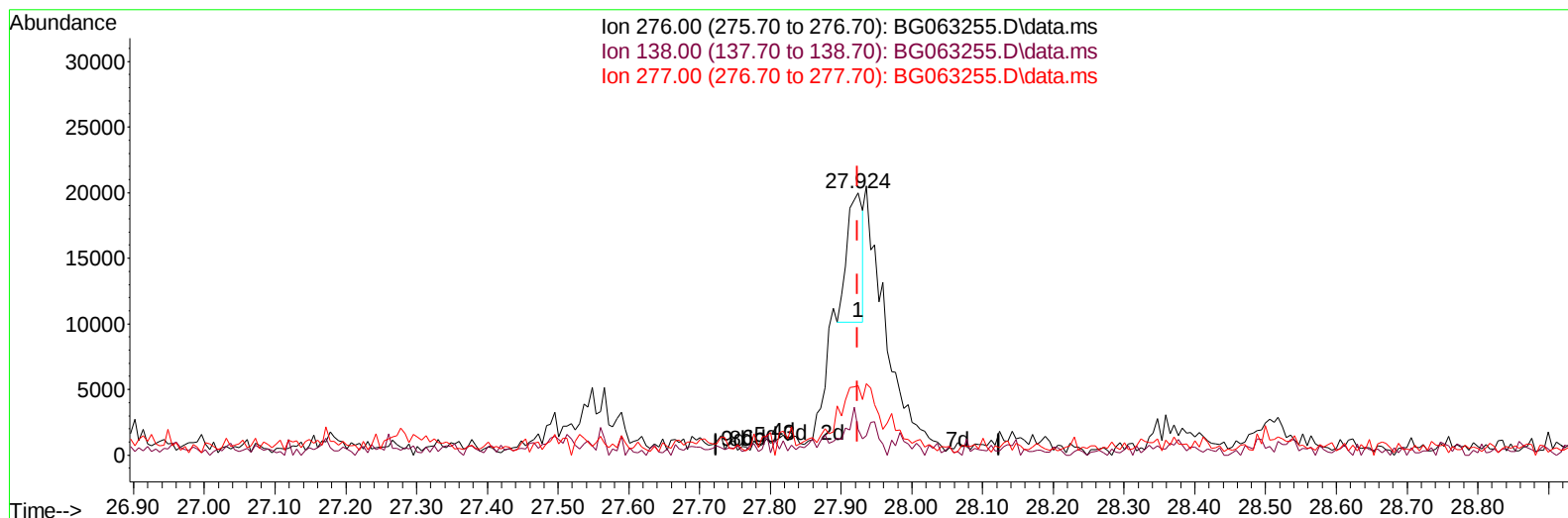
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Operator : RC/JU
Sample : P4582-09
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4EC0

Manual IntegrationsAPPROVED

Quant Time: Nov 09 23:58:52 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 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



TIC: BG063255.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

27.924min (+ 0.001) 0.20 ng/u1

response 15026

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.40	9.81
277.00	21.70	26.48#
0.00	0.00	0.00

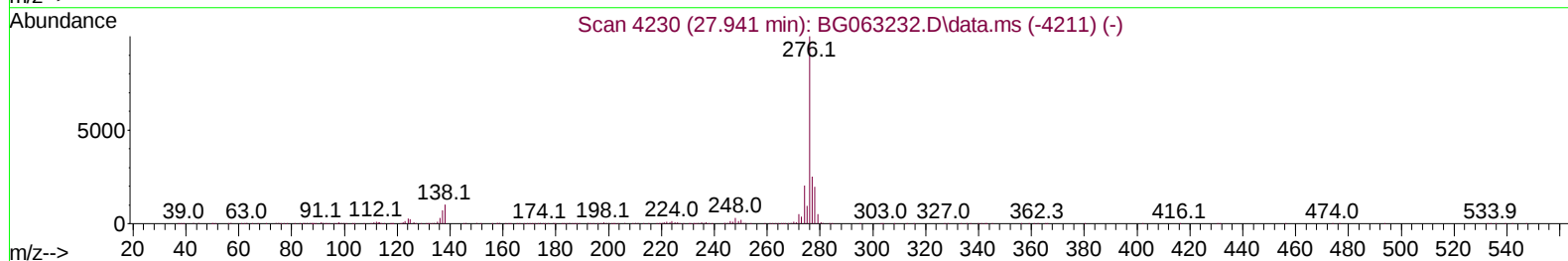
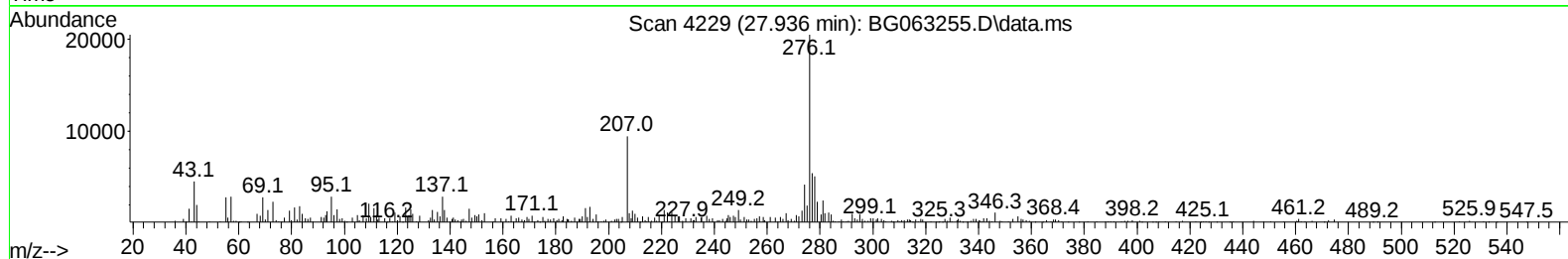
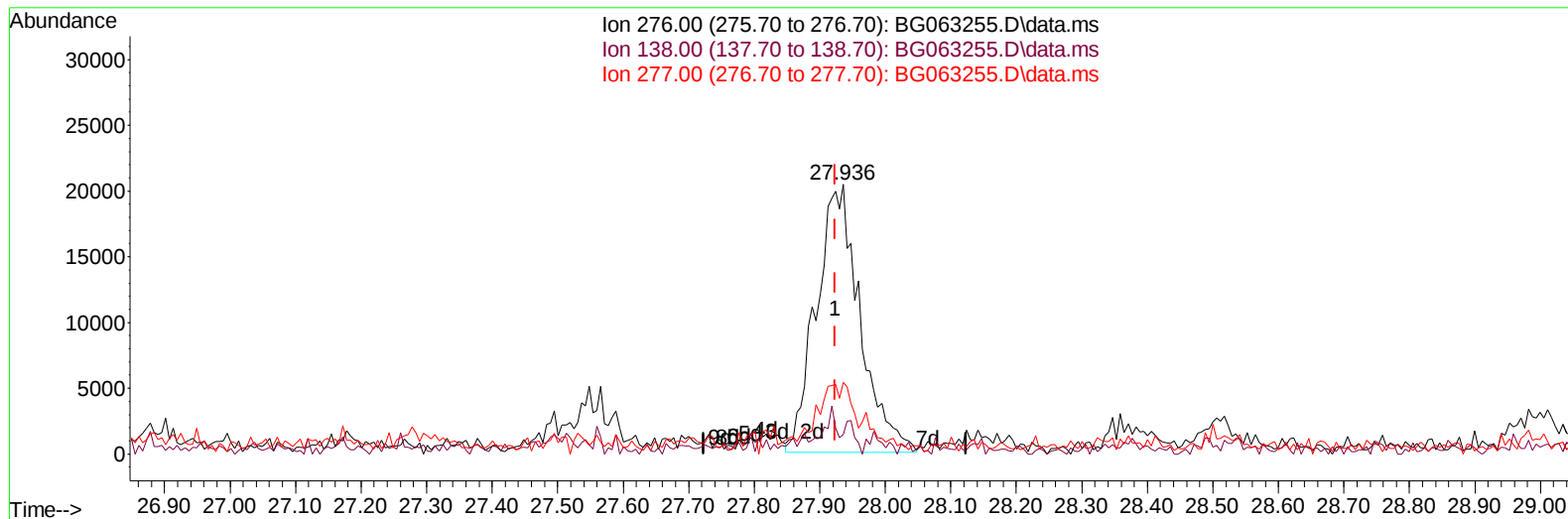
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Nov 09 23:58:52 2024
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Supervised By :mohammad ahmed 11/11/2024



TIC: BG063255.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

27.936min (+ 0.012) 1.23 ng/ul m

response 94147

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.40	7.26#
277.00	21.70	26.58#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
 Data File : BG063255.D
 Acq On : 9 Nov 2024 8:33
 Operator : RC/JU
 Sample : P4582-09
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4EC0

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/10/2024
 Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 09 23:59:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.836	152	119528	20.000	ng/ul	0.00
20) Naphthalene-d8	10.627	136	558277	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.475	164	477094	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.225	188	1063322	20.000	ng/ul	0.00
79) Chrysene-d12	21.479	240	1043919	20.000	ng/ul	0.00
88) Perylene-d12	24.510	264	1116789	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.300	96	2803	1.060	ng/uL	0.00
4) Pyridine-d5	3.717	84	17564	2.010	ng/ul	0.00
7) Phenol-d5	7.007	99	69532	6.447	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.166	67	43640	6.898	ng/ul	0.00
11) 2-Chlorophenol-d4	7.366	132	51231	7.318	ng/ul	-0.01
15) 4-Methylphenol-d8	8.547	113	43517	4.760	ng/ul	0.00
21) Nitrobenzene-d5	8.993	128	31342	7.986	ng/ul	0.00
24) 2-Nitrophenol-d4	9.710	143	36289	7.154	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	68642	6.895	ng/ul	0.00
31) 4-Chloroaniline-d4	10.768	131	20791m	1.603	ng/ul	0.00
46) Dimethylphthalate-d6	13.876	166	250068	6.692	ng/ul	0.00
49) Acenaphthylene-d8	14.164	160	266067	7.274	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	27512m	5.377	ng/ul	0.00
60) Fluorene-d10	15.468	176	232928	7.385	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	17719	2.651	ng/ul	0.00
73) Anthracene-d10	17.319	188	354527	7.758	ng/ul	0.00
81) Pyrene-d10	19.622	212	354830	6.779	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.299	264	223184	4.139	ng/ul	0.00
Target Compounds						
						Qvalue
8) Phenol	7.043	94	13600m	1.157	ng/ul	
16) Acetophenone	8.653	105	80141	5.445	ng/ul	98
72) Phenanthrene	17.266	178	112709	2.320	ng/ul	96
80) Fluoranthene	19.287	202	534916	9.455	ng/ul	99
82) Pyrene	19.651	202	296855	4.950	ng/ul	98
85) Benzo(a)anthracene	21.461	228	304663	4.614	ng/ul	97
87) Chrysene	21.520	228	278827	4.529	ng/ul	97
90) Benzo(b)fluoranthene	23.559	252	346596	5.158	ng/ul	99
91) Benzo(k)fluoranthene	23.606	252	157749m	2.357	ng/ul	
93) Benzo(a)pyrene	24.364	252	88200	1.419	ng/ul#	79
94) Indeno(1,2,3-cd)pyrene	27.936	276	94147m	1.235	ng/ul	

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

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Data File : BG063255.D
Acq On : 9 Nov 2024 8:33
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Sample : P4582-09
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4EC0

Manual IntegrationsAPPROVED

Quant Time: Nov 09 23:59:49 2024
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