

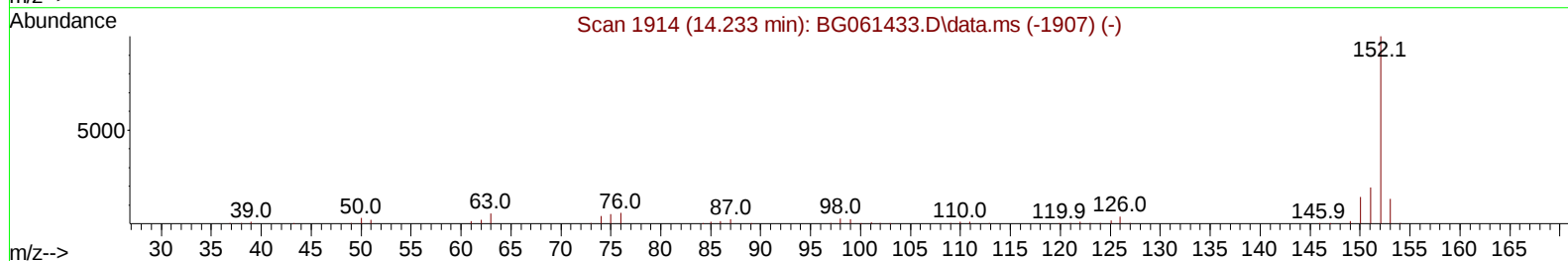
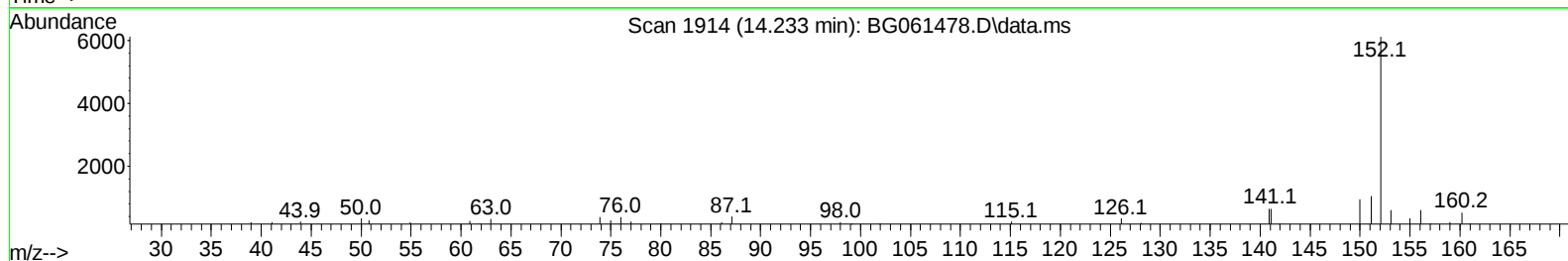
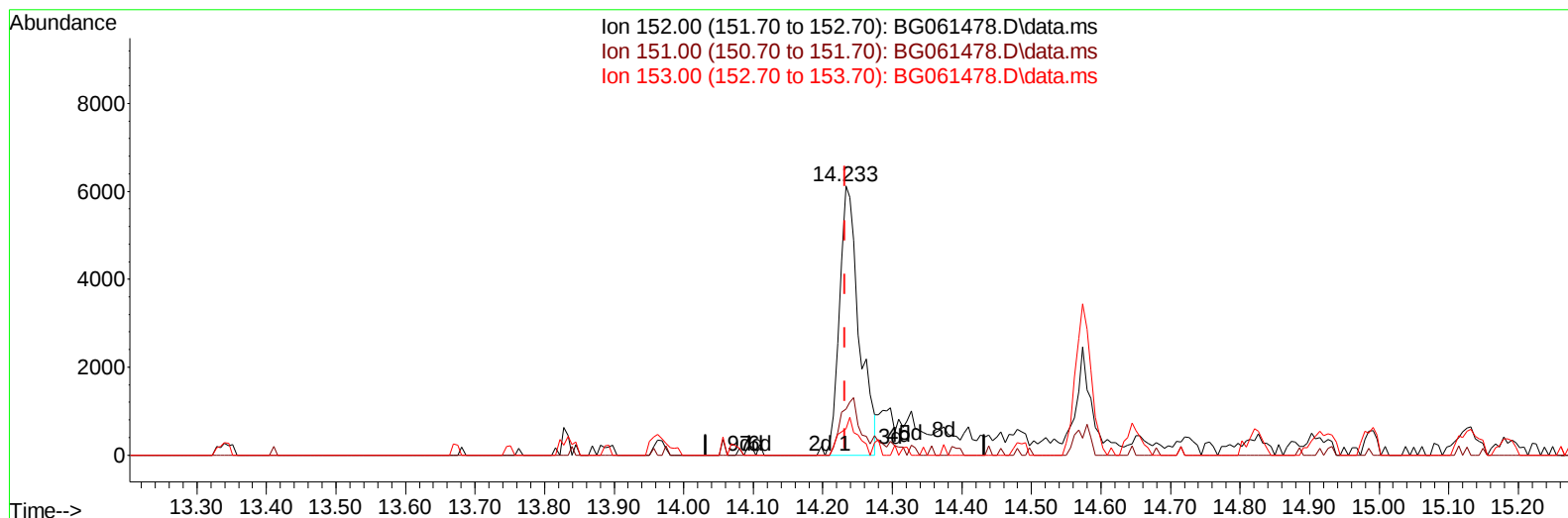
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061478.D
Acq On : 5 Jun 2024 7:17
Operator : MA/JU
Sample : P2589-04DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W5DL

Manual IntegrationsAPPROVED

Quant Time: Jun 05 07:50:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



TIC: BG061478.D\data.ms

(50) Acenaphthylene

14.233min (+ 0.001) 1.31 ng/u1

response 12033

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.20	17.13
153.00	12.80	9.74#
0.00	0.00	0.00

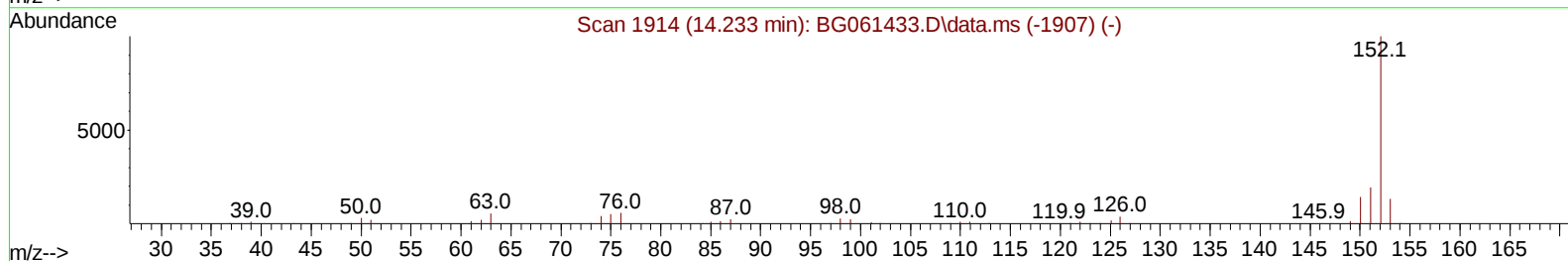
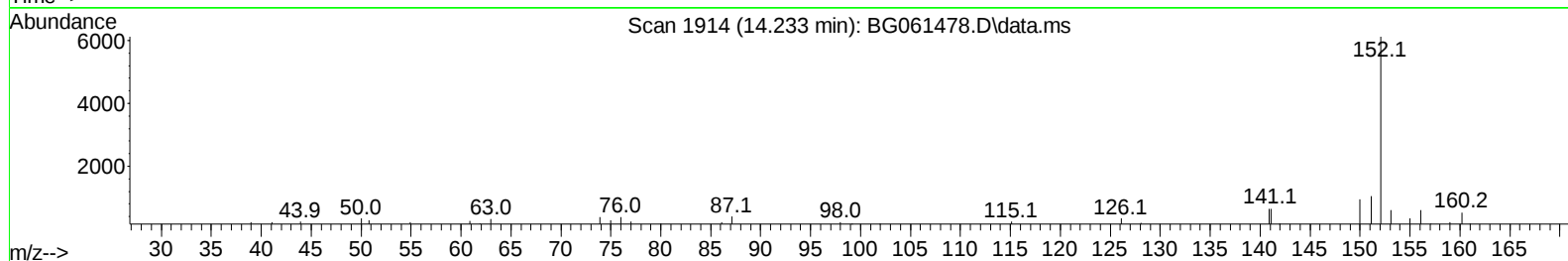
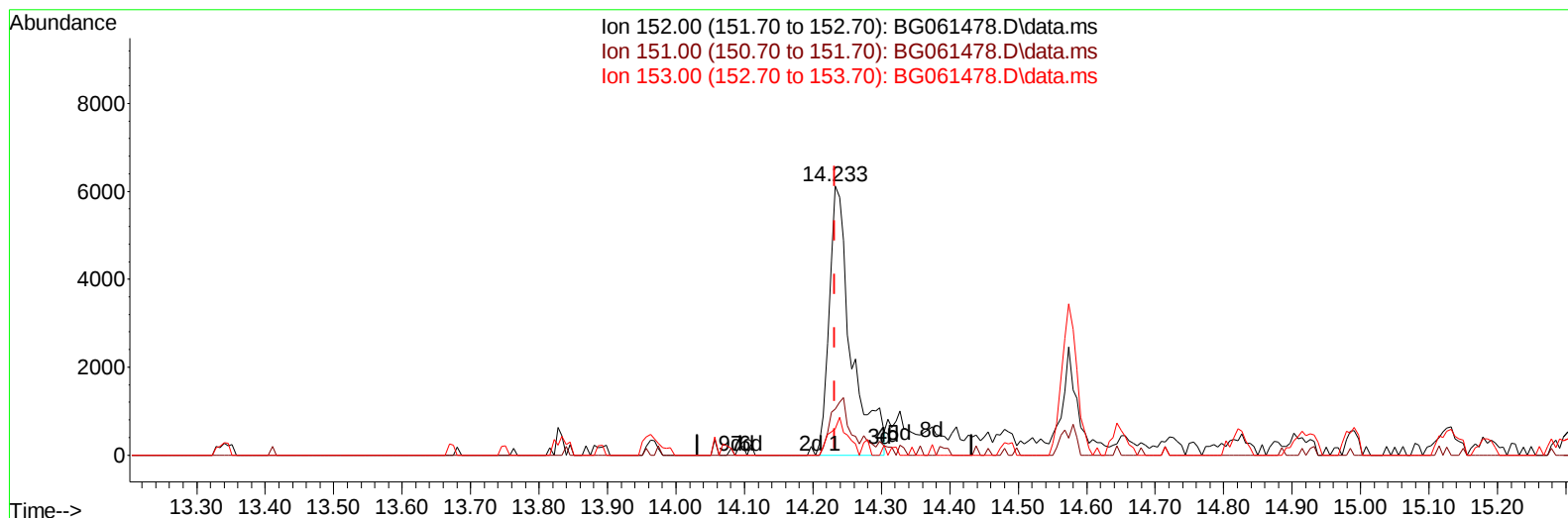
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
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 Acq On : 5 Jun 2024 7:17
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Instrument :
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Manual IntegrationsAPPROVED

Quant Time: Jun 05 07:50:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024



TIC: BG061478.D\data.ms

(50) Acenaphthylene

14.233min (+ 0.001) 1.49 ng/ul m

response 13633

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.20	17.13
153.00	12.80	9.74#
0.00	0.00	0.00

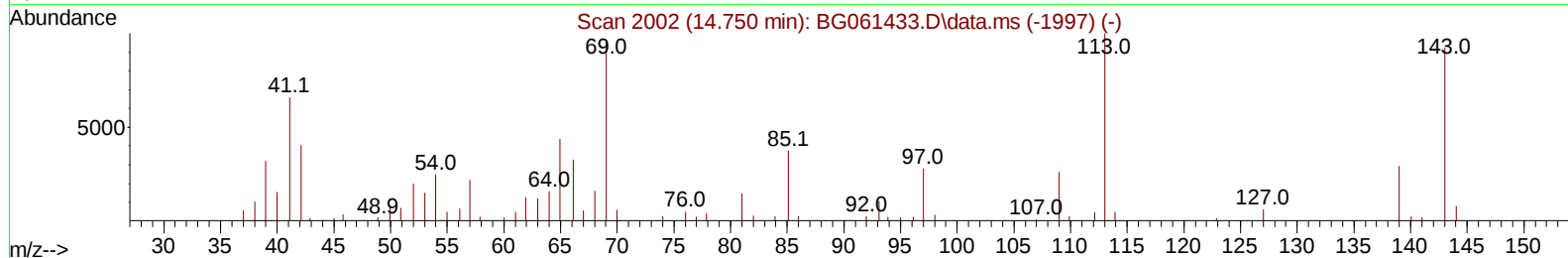
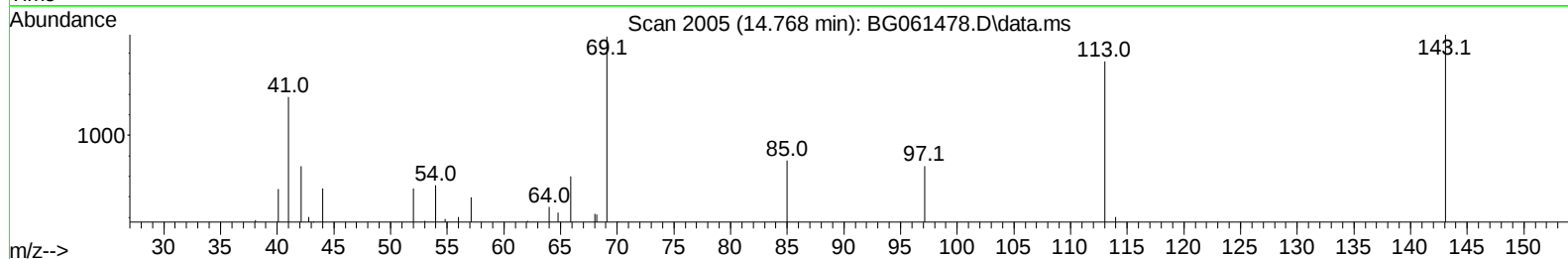
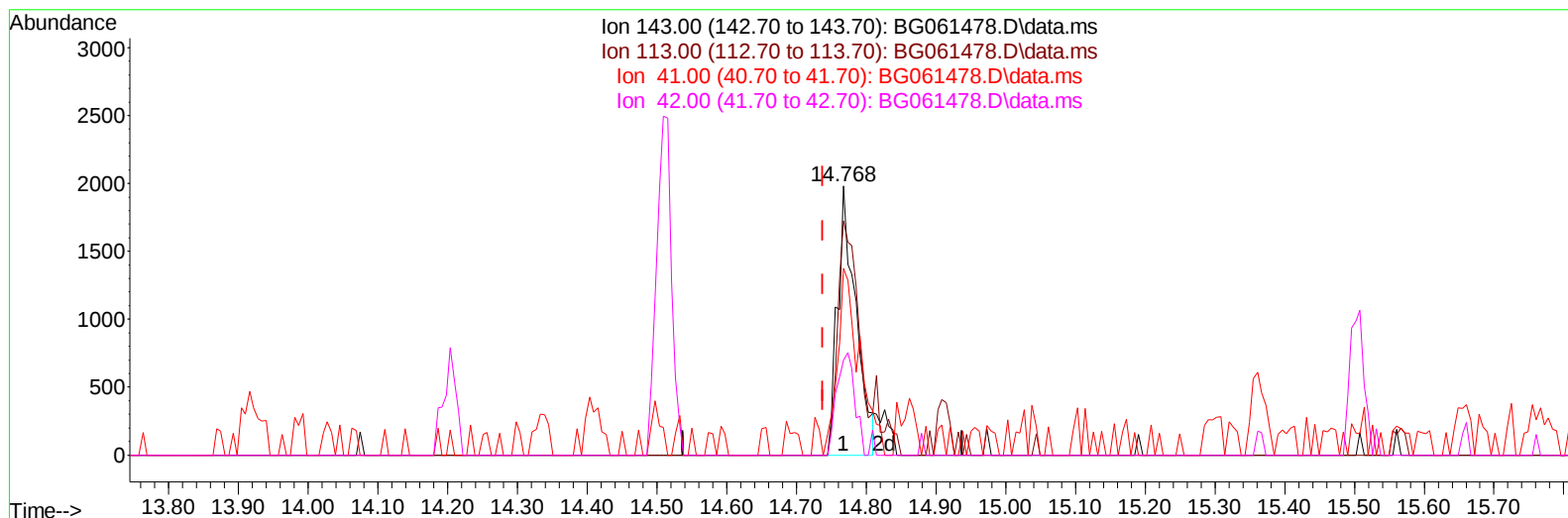
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061478.D
Acq On : 5 Jun 2024 7:17
Operator : MA/JU
Sample : P2589-04DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG061478.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.768min (+ 0.030) 3.64 ng/u1

response 3577

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	87.02#
41.00	77.10	69.34
42.00	49.50	35.30#

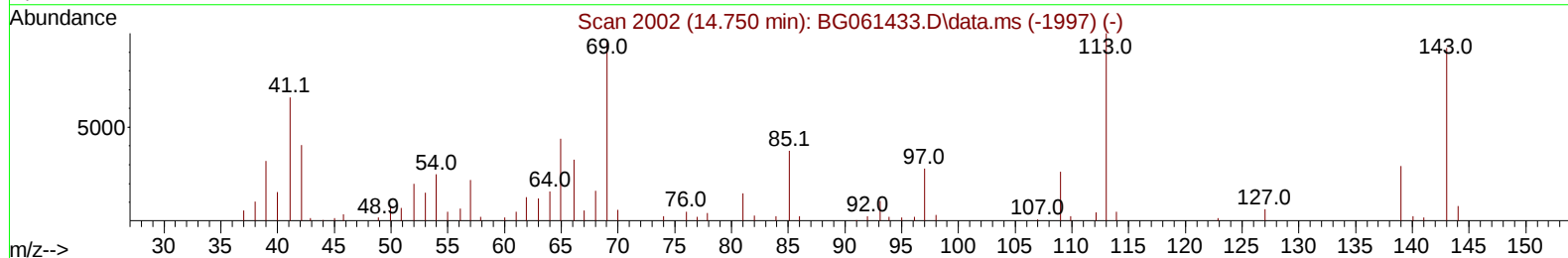
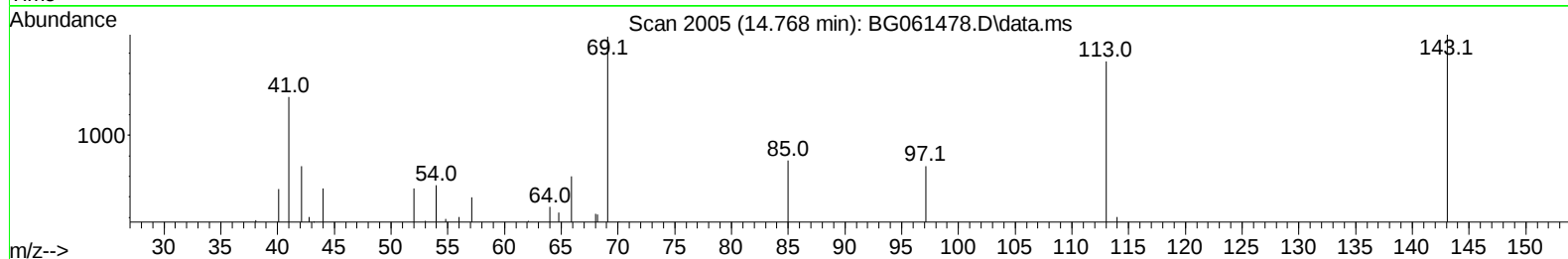
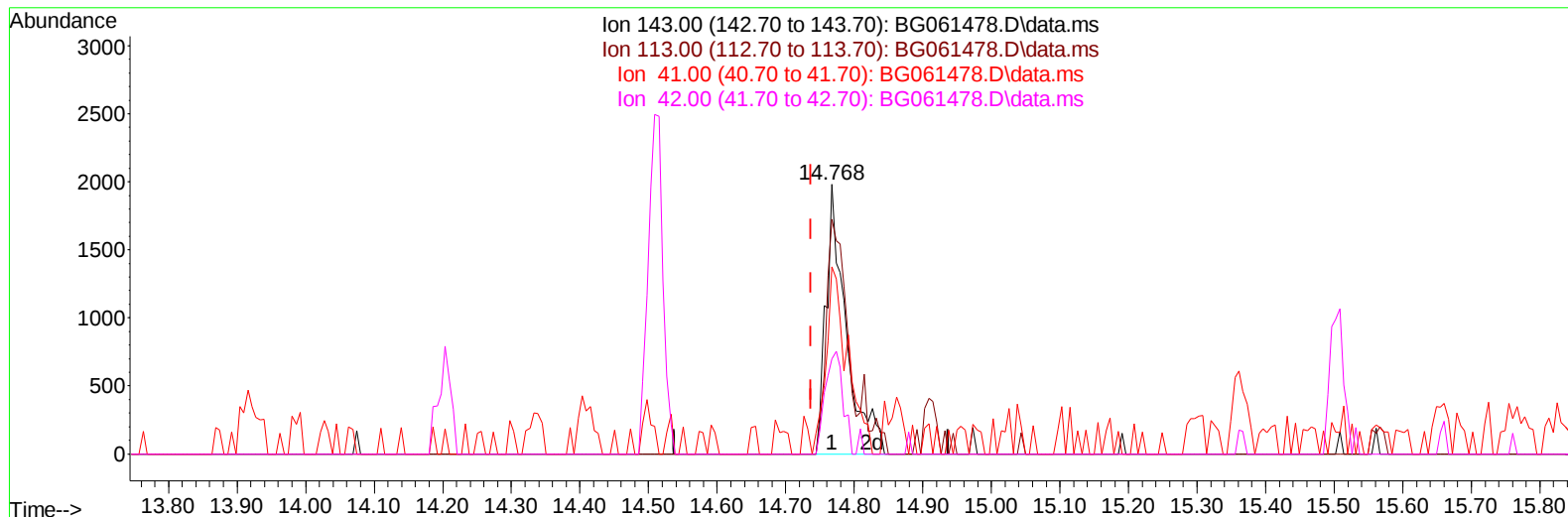
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061478.D
Acq On : 5 Jun 2024 7:17
Operator : MA/JU
Sample : P2589-04DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jun 05 07:50:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
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TIC: BG061478.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.768min (+ 0.030) 4.09 ng/ul m

response 4024

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	87.02#
41.00	77.10	69.34
42.00	49.50	35.30#

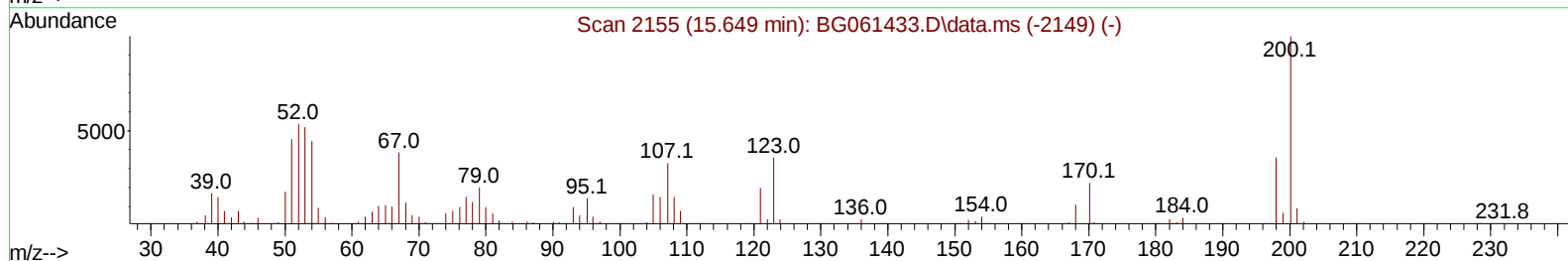
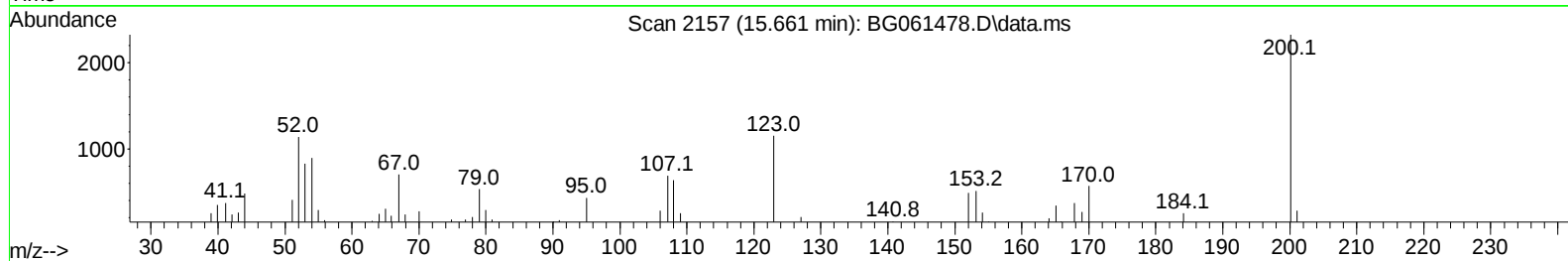
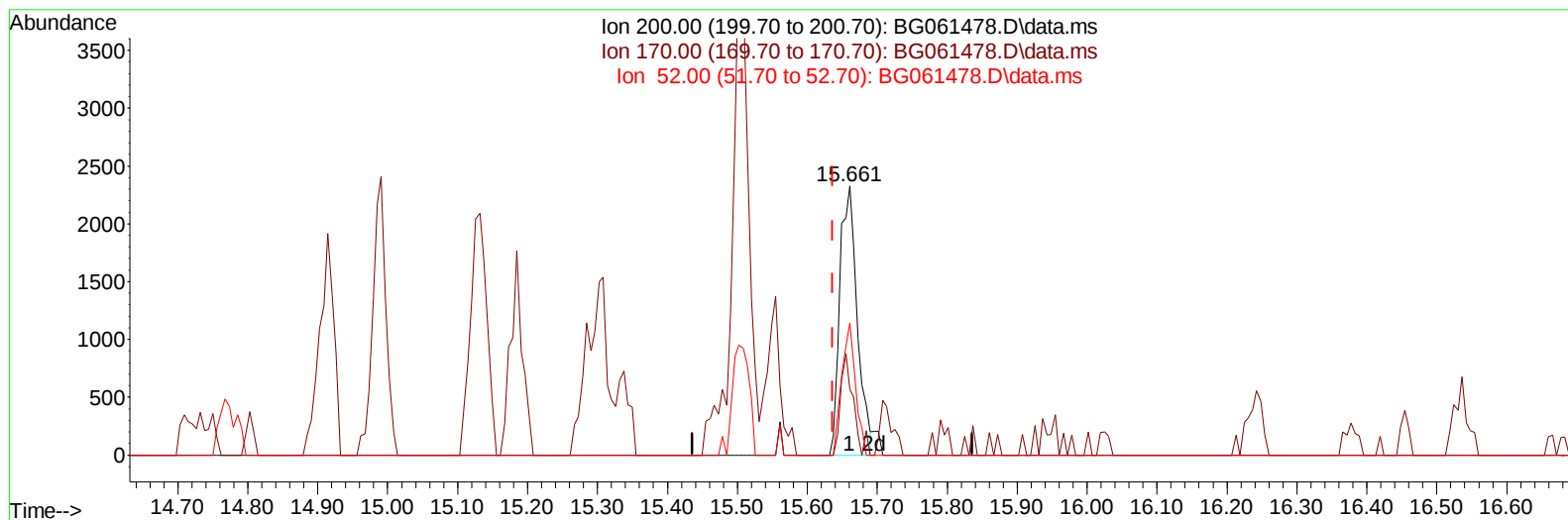
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
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TIC: BG061478.D\data.ms

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

15.661min (+ 0.024) 2.93 ng/ul

response 4050

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	25.30	24.42
52.00	60.50	49.10
0.00	0.00	0.00

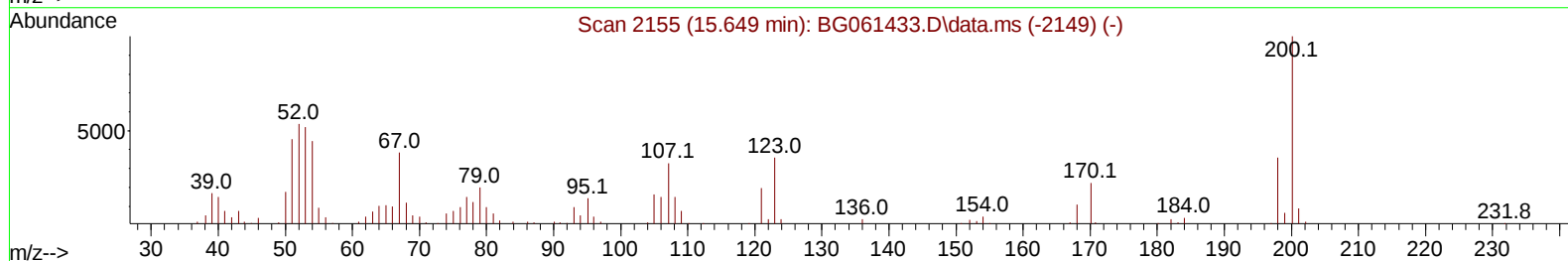
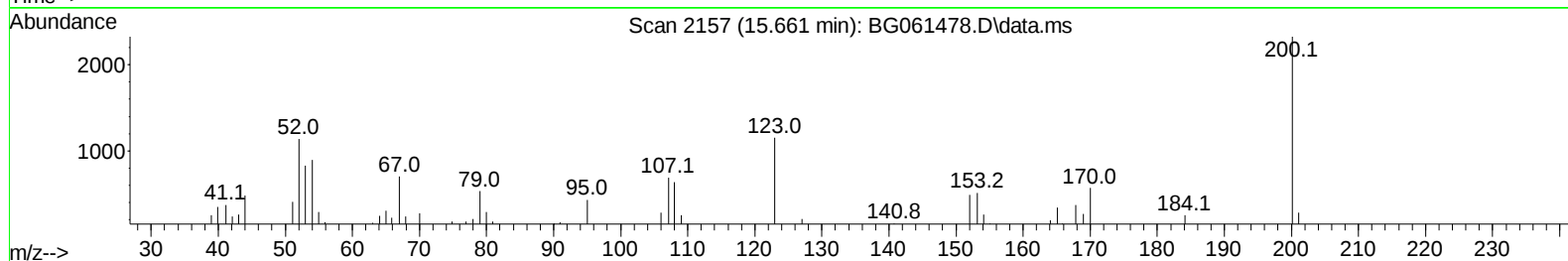
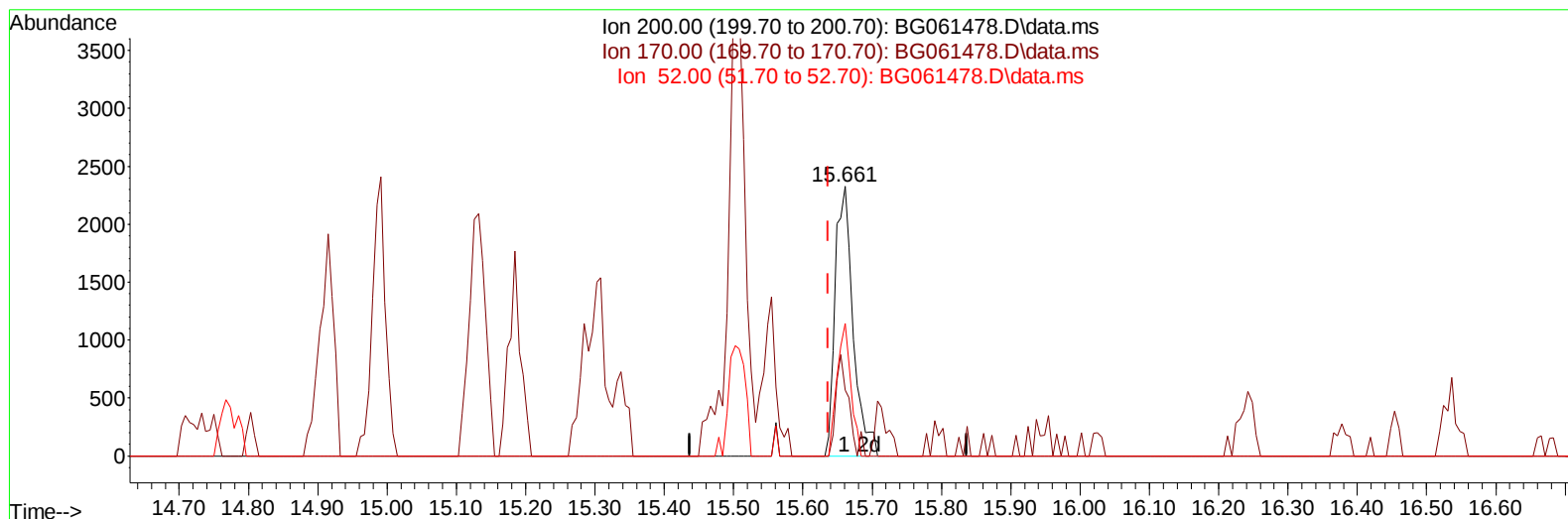
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061478.D
Acq On : 5 Jun 2024 7:17
Operator : MA/JU
Sample : P2589-04DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W5DL

Manual IntegrationsAPPROVED

Quant Time: Jun 05 07:50:09 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
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Reviewed By :Jagrut Upadhyay 06/05/2024
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TIC: BG061478.D\data.ms

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

15.661min (+ 0.024) 3.03 ng/ul m

response 4195

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	25.30	24.42
52.00	60.50	49.10
0.00	0.00	0.00

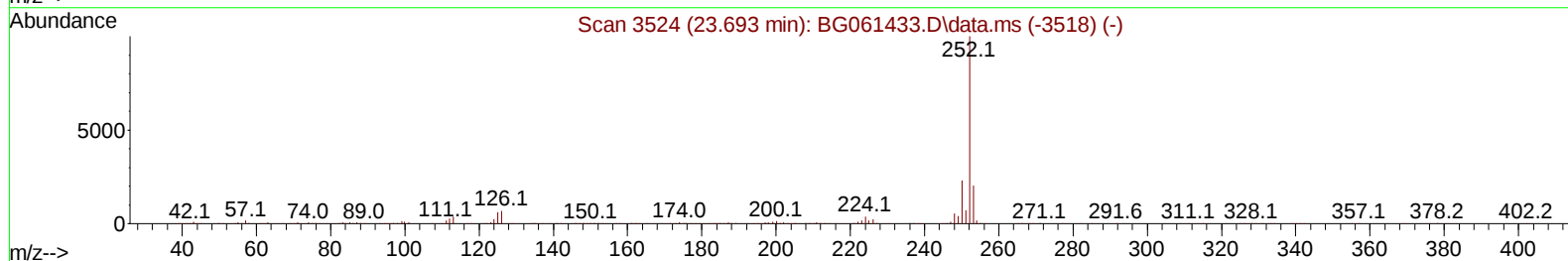
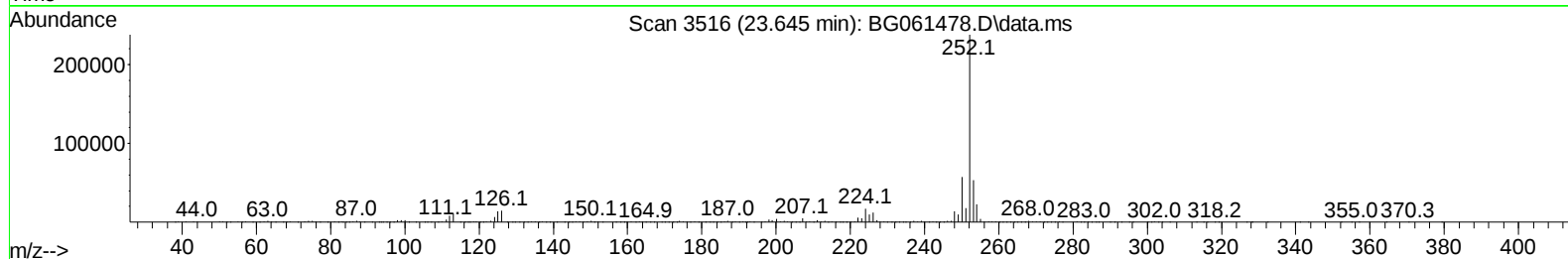
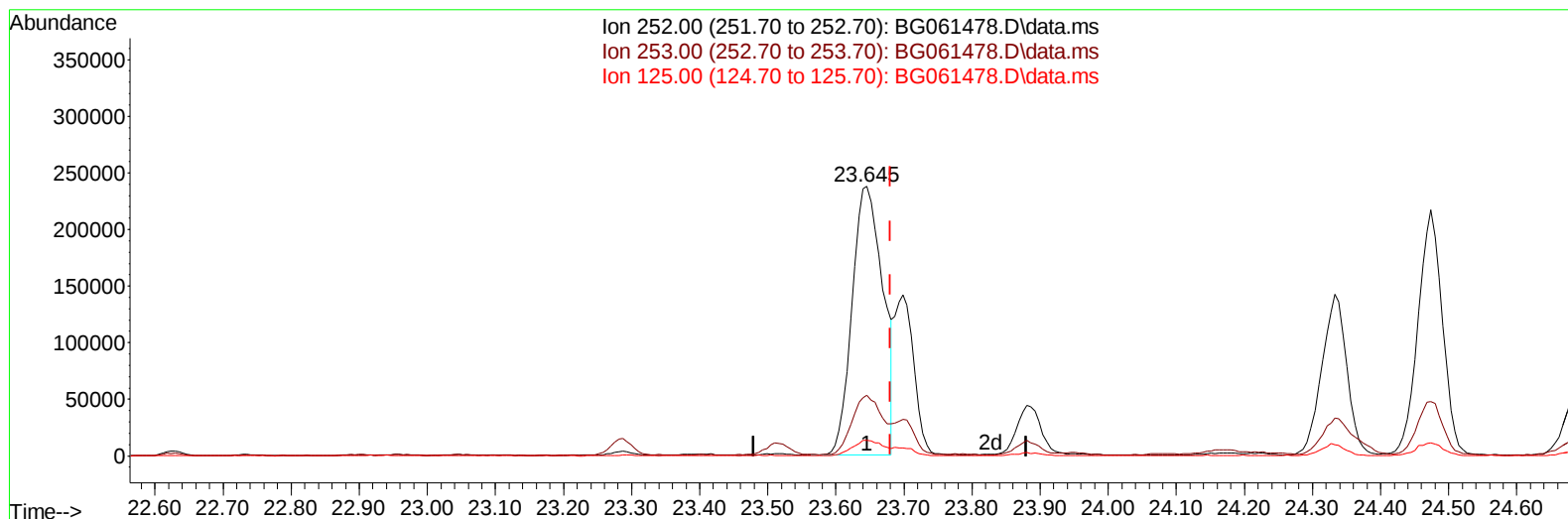
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061478.D
Acq On : 5 Jun 2024 7:17
Operator : MA/JU
Sample : P2589-04DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W5DL

Manual IntegrationsAPPROVED

Quant Time: Jun 05 07:51:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
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Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



TIC: BG061478.D\data.ms

(91) Benzo(k)fluoranthene

23.645min (-0.035) 42.60 ng/u1

response 746755

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	22.43
125.00	5.40	5.72
0.00	0.00	0.00

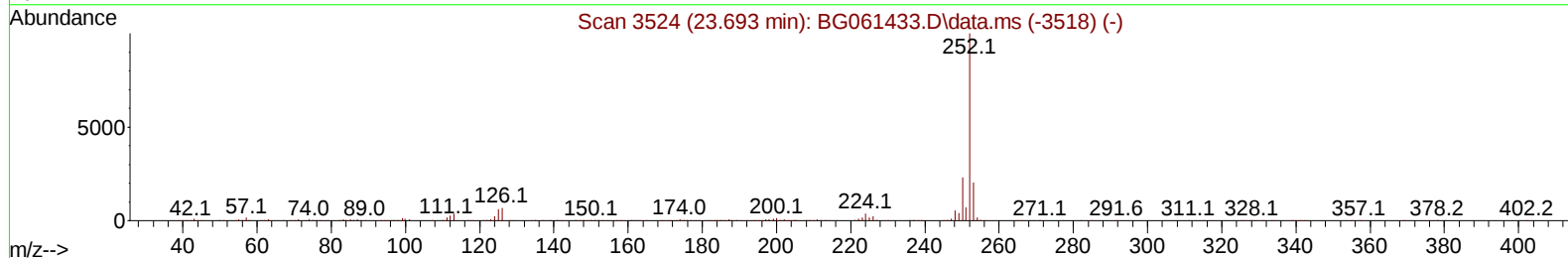
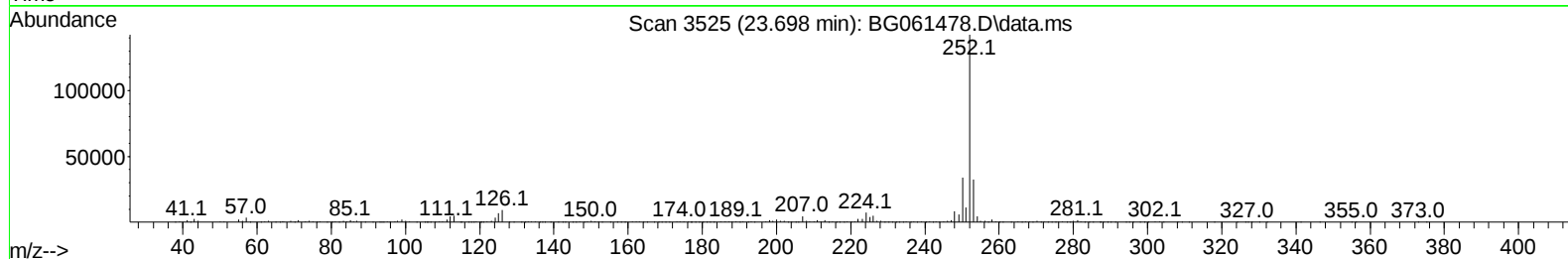
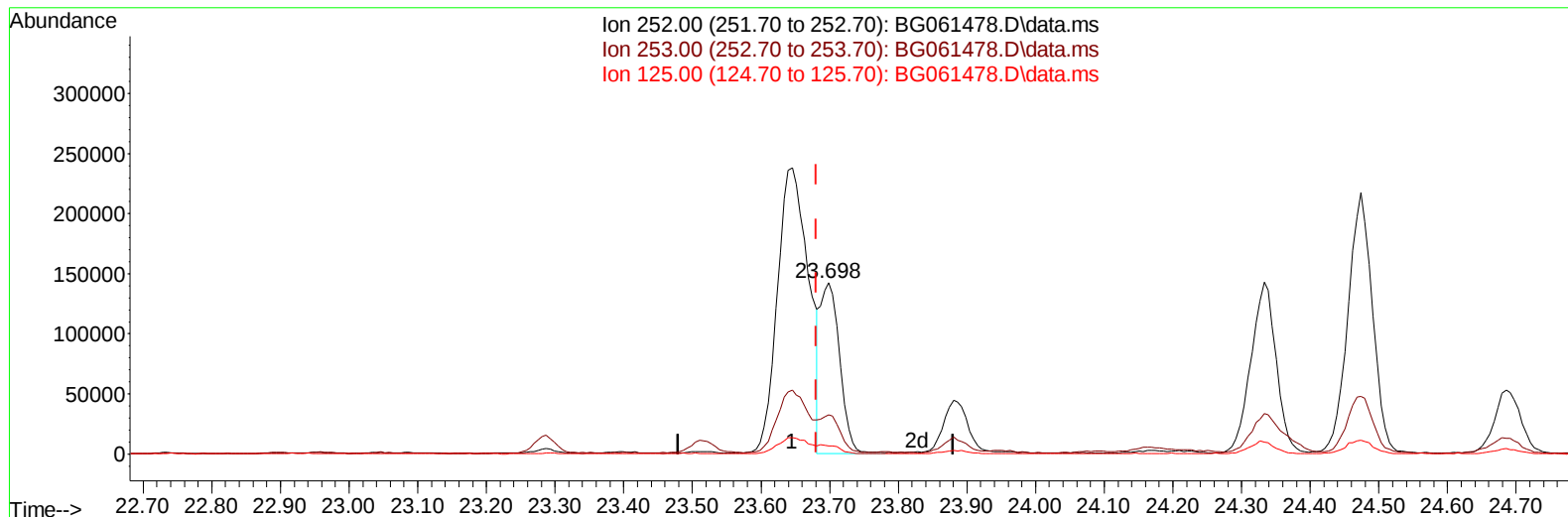
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061478.D
Acq On : 5 Jun 2024 7:17
Operator : MA/JU
Sample : P2589-04DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5W5DL

Manual IntegrationsAPPROVED

Quant Time: Jun 05 07:51:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
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QLast Update : Thu May 30 22:54:48 2024
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Supervised By :mohammad ahmed 06/07/2024



TIC: BG061478.D\data.ms

(91) Benzo(k)fluoranthene

23.698min (+ 0.018) 15.88 ng/ul m

response 278376

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	22.86
125.00	5.40	4.83
0.00	0.00	0.00

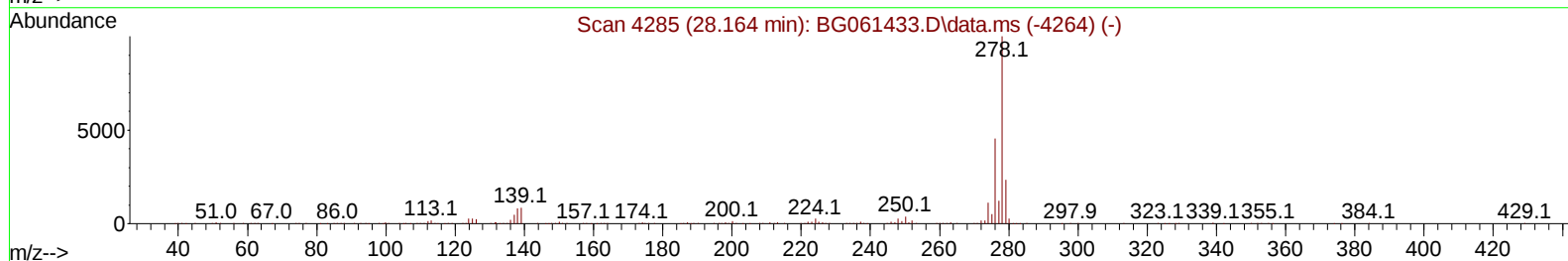
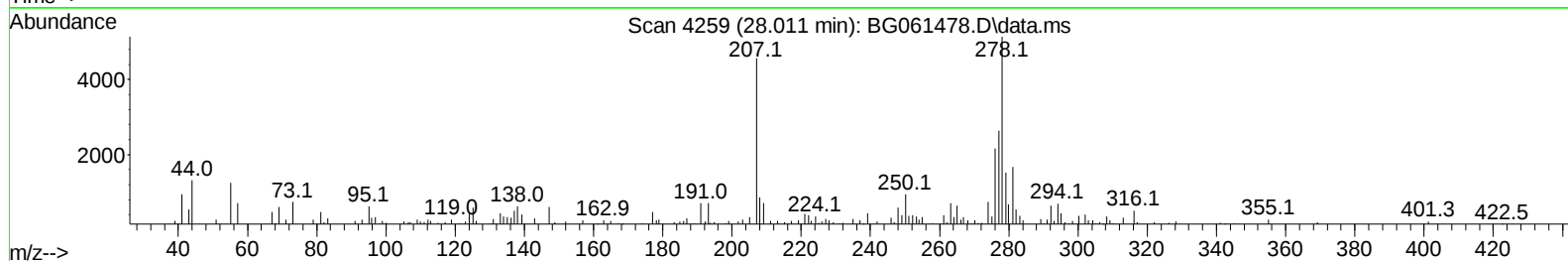
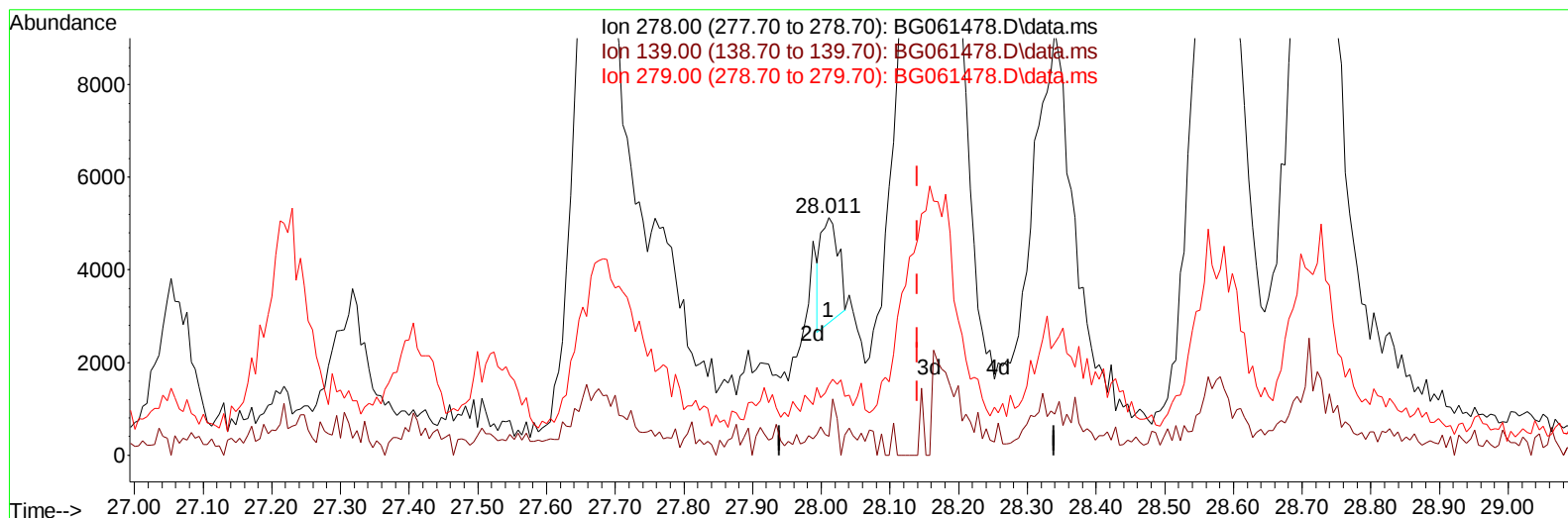
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG061478.D\data.ms

(95) Dibenzo(a,h)anthracene

28.011min (-0.129) 0.25 ng/u1

response 4047

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	7.98
279.00	24.90	29.54
0.00	0.00	0.00

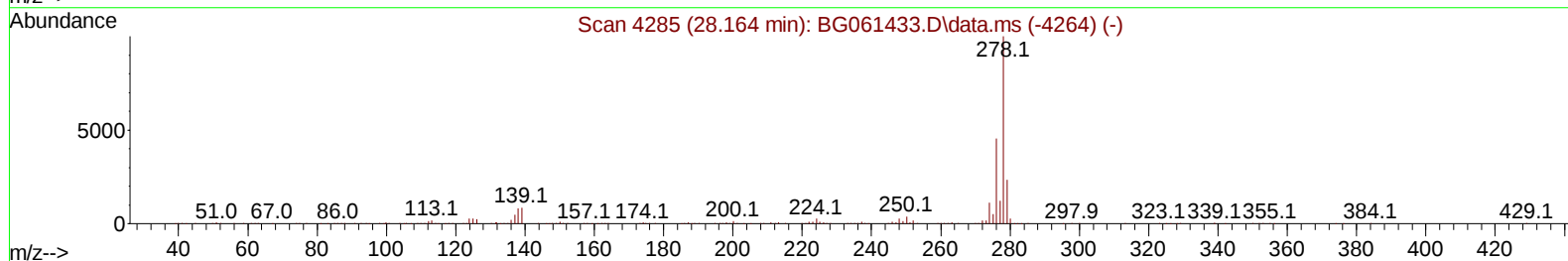
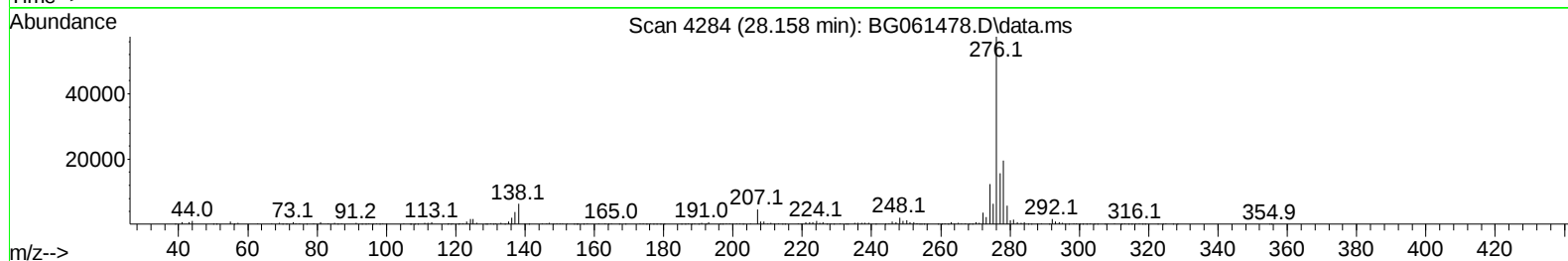
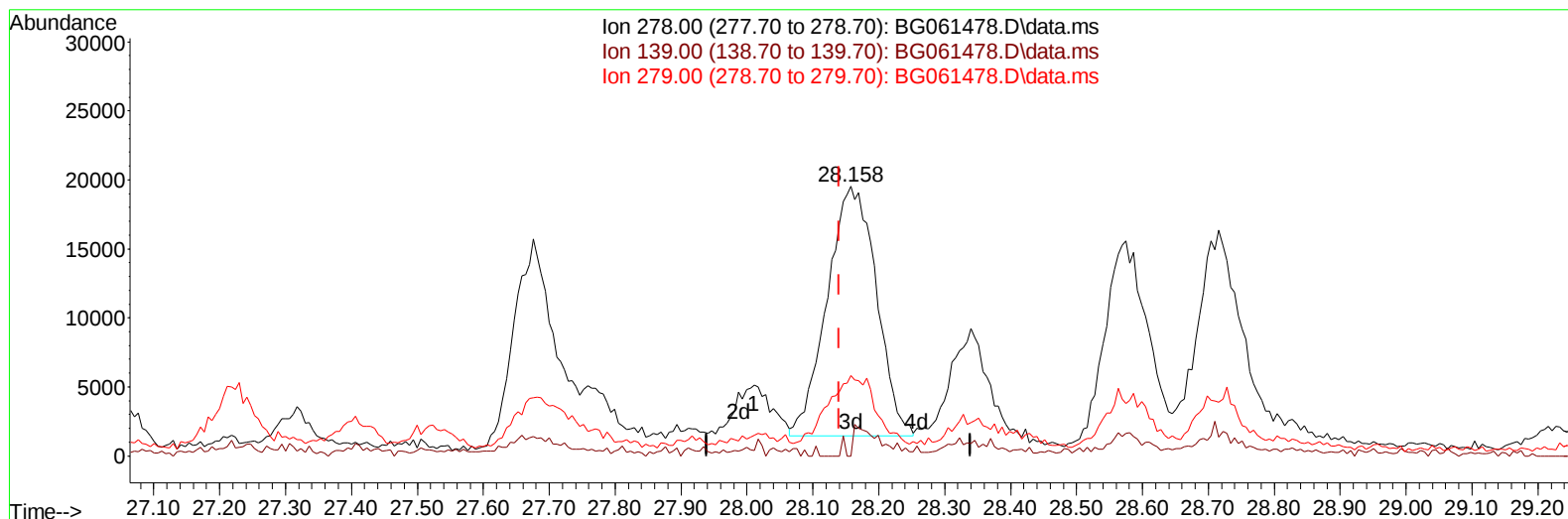
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Manual IntegrationsAPPROVED

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TIC: BG061478.D\data.ms

(95) Dibenzo(a,h)anthracene

28.158min (+ 0.018) 5.73 ng/u1 m

response 93661

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	0.00#
279.00	24.90	29.76
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
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Instrument :
 BNA_G
 ClientSampleId :
 BH5W5DL

Manual IntegrationsAPPROVED

Quant Time: Jun 05 07:52:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.876	152		34436	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136		138602	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.509	164		102560	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188		228707	20.000	ng/ul	0.00
79) Chrysene-d12	21.524	240		249164	20.000	ng/ul	0.01
88) Perylene-d12	24.615	264		290031	20.000	ng/ul	0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	0.000	96		0d	0.000	ng/uL	
4) Pyridine-d5	3.739	84		6530	2.983	ng/ul	0.00
7) Phenol-d5	7.065	99		17989	6.361	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.206	67		10910	6.138	ng/ul	0.00
11) 2-Chlorophenol-d4	7.417	132		15053	7.192	ng/ul	0.00
15) 4-Methylphenol-d8	8.598	113		15040	6.237	ng/ul	0.00
21) Nitrobenzene-d5	9.027	128		7960	7.459	ng/ul	0.00
24) 2-Nitrophenol-d4	9.756	143		8493	6.800	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.314	165		18105	7.436	ng/ul	0.01
31) 4-Chloroaniline-d4	10.808	131		6977	2.190	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166		58712	7.381	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160		63464	7.674	ng/ul	0.00
54) 4-Nitrophenol-d4	14.768	143		4024m	4.092	ng/ul	0.03
60) Fluorene-d10	15.508	176		49734	7.242	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.661	200		4195m	3.033	ng/ul	0.02
73) Anthracene-d10	17.359	188		80461	7.980	ng/ul	0.00
81) Pyrene-d10	19.656	212		97578	7.627	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.403	264		107316	7.696	ng/ul	0.02
Target Compounds							
						Qvalue	
50) Acenaphthylene	14.233	152		13633m	1.487	ng/ul	
61) Fluorene	15.561	166		10824	1.454	ng/ul	93
72) Phenanthrene	17.306	178		338136	30.461	ng/ul	99
74) Anthracene	17.394	178		41547	3.620	ng/ul	99
77) Carbazole	17.670	167		26179	2.804	ng/ul	92
80) Fluoranthene	19.327	202		924211	60.219	ng/ul	100
82) Pyrene	19.691	202		846229	53.119	ng/ul	98
85) Benzo(a)anthracene	21.501	228		541910	31.520	ng/ul	99
87) Chrysene	21.566	228		544574	34.400	ng/ul	97
90) Benzo(b)fluoranthene	23.645	252		746755	43.244	ng/ul	100
91) Benzo(k)fluoranthene	23.698	252		278376m	15.880	ng/ul	
93) Benzo(a)pyrene	24.474	252		538403	32.835	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.140	276		374600	18.891	ng/ul	100
95) Dibenzo(a,h)anthracene	28.158	278		93661m	5.728	ng/ul	
96) Benzo(g,h,i)perylene	29.221	276		286605	18.168	ng/ul	99

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

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Manual IntegrationsAPPROVED

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