

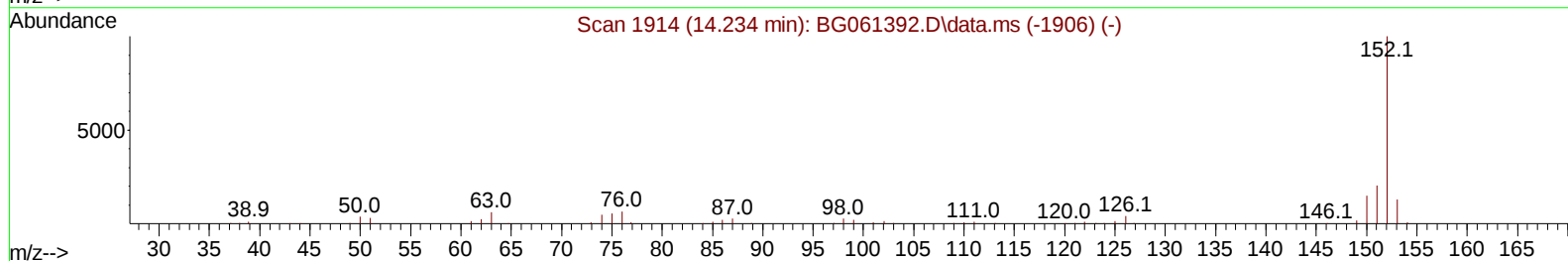
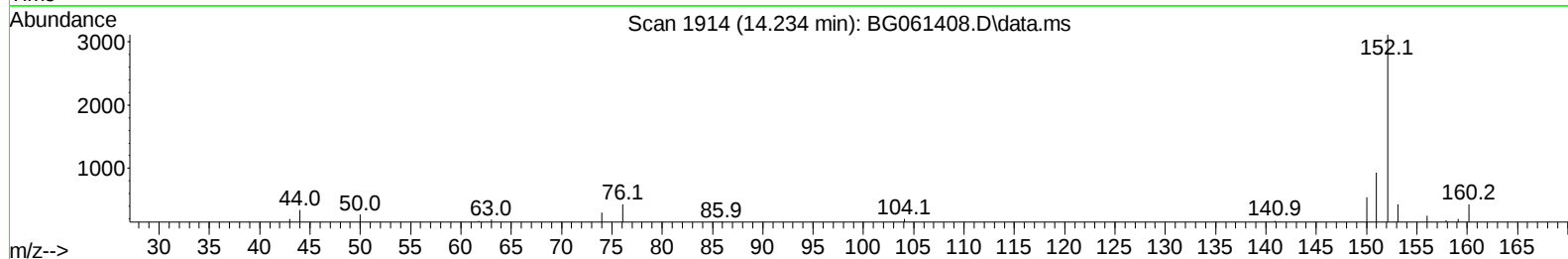
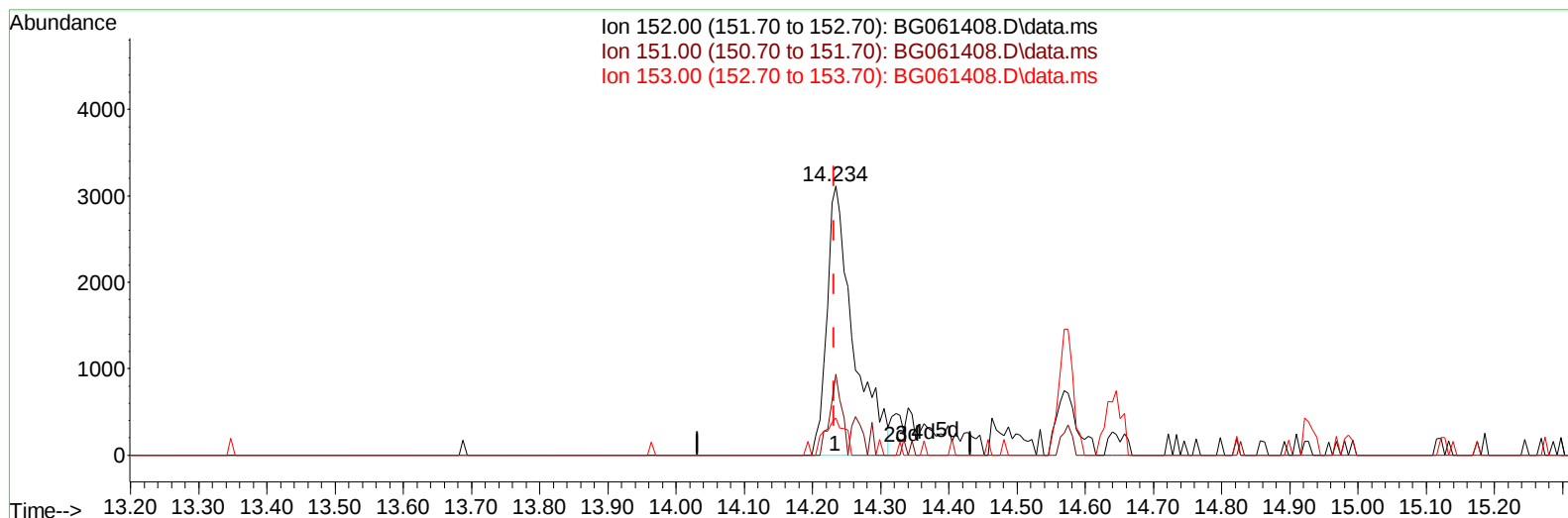
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061408.D
Acq On : 1 Jun 2024 1:43
Operator : MA/JU
Sample : P2588-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6D8

Manual IntegrationsAPPROVED

Quant Time: Jun 01 02:16:28 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 06/03/2024
Supervised By :mohammad ahmed 06/04/2024



TIC: BG061408.D\data.ms

(50) Acenaphthylene

14.234min (+ 0.002) 1.00 ng/u1

response 8390

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.20	30.04#
153.00	12.80	13.88
0.00	0.00	0.00

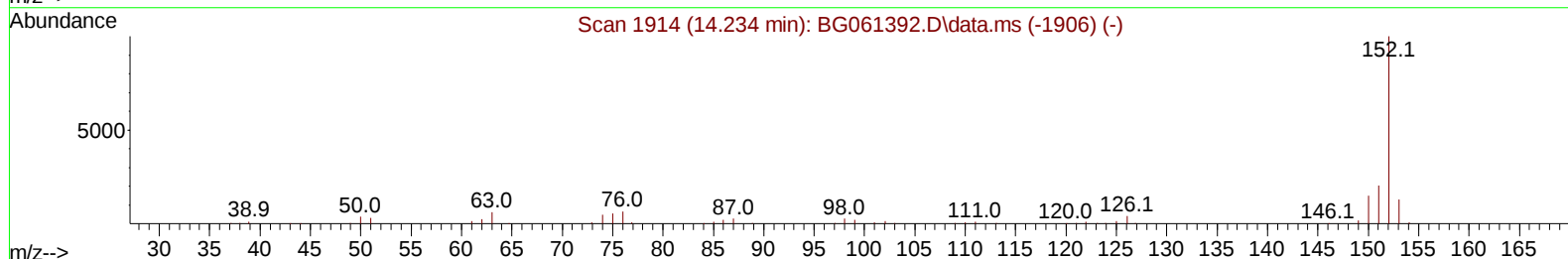
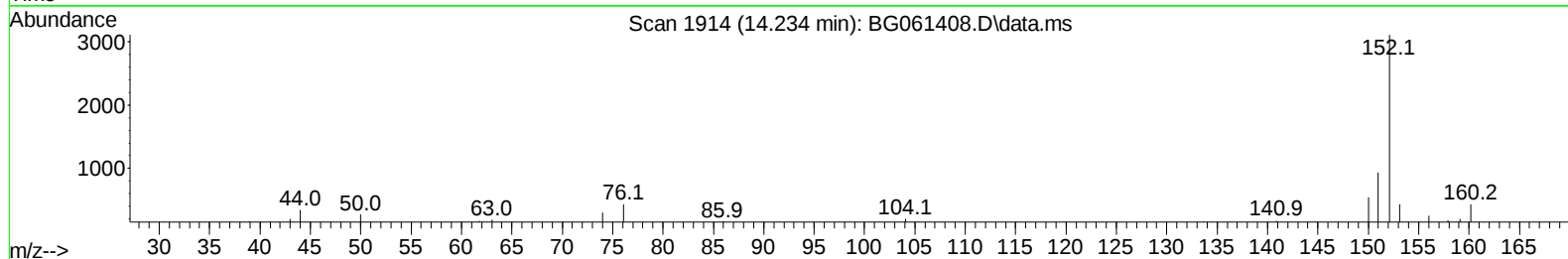
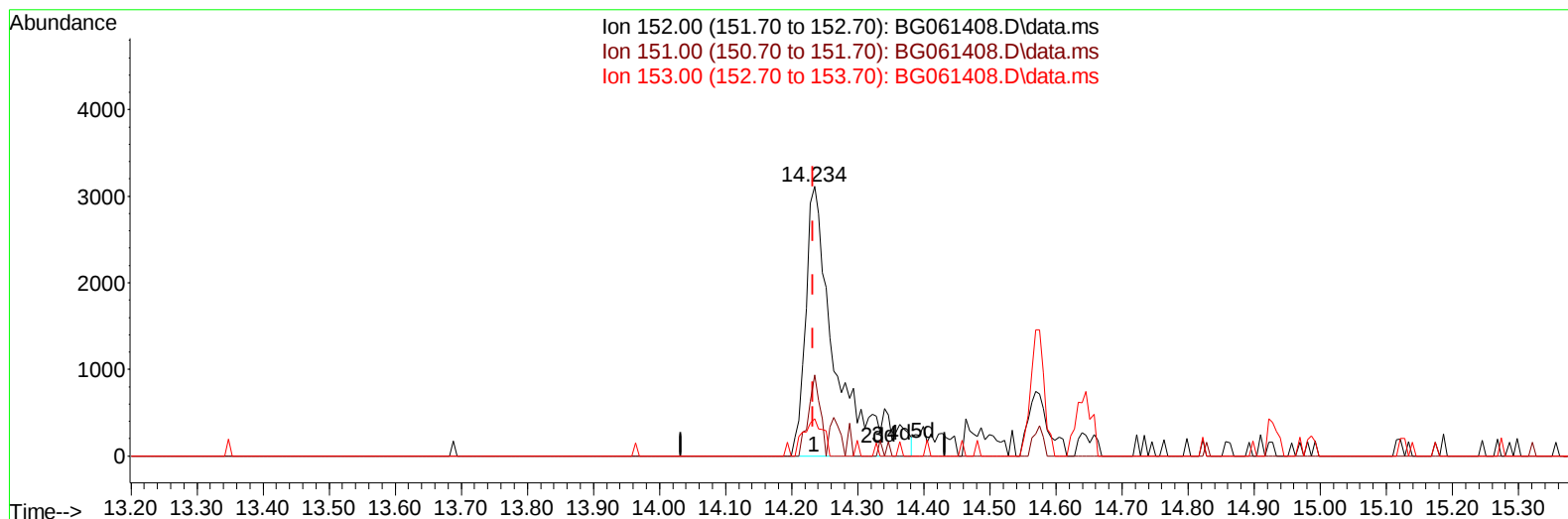
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
 Data File : BG061408.D
 Acq On : 1 Jun 2024 1:43
 Operator : MA/JU
 Sample : P2588-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual IntegrationsAPPROVED

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 QLast Update : Thu May 30 22:54:48 2024
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Reviewed By :Jagrut Upadhyay 06/03/2024
 Supervised By :mohammad ahmed 06/04/2024



TIC: BG061408.D\data.ms

(50) Acenaphthylene

14.234min (+ 0.002) 1.18 ng/ul m

response 9904

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.20	30.04#
153.00	12.80	13.88
0.00	0.00	0.00

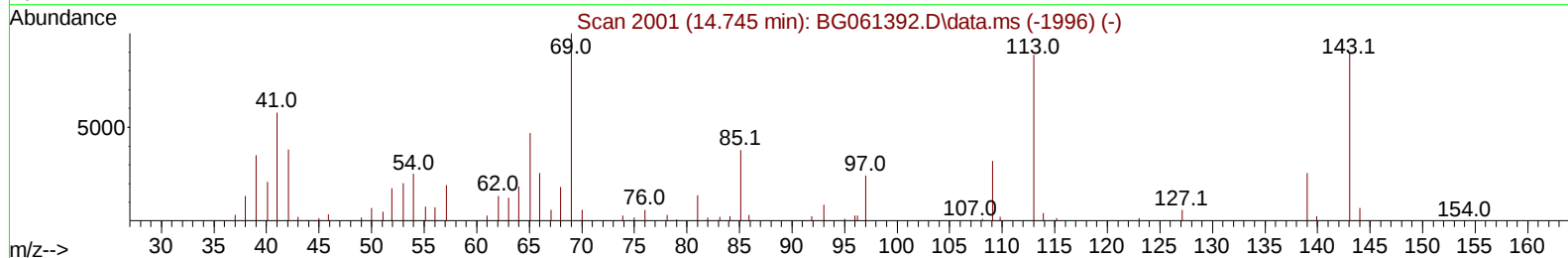
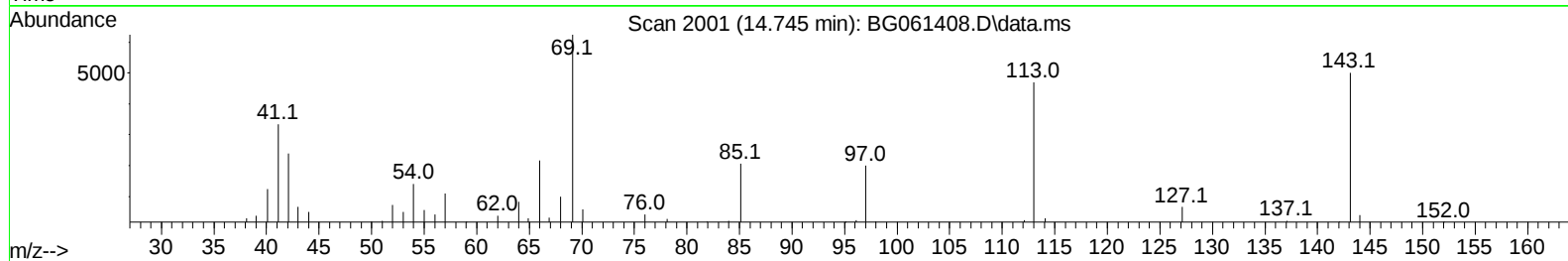
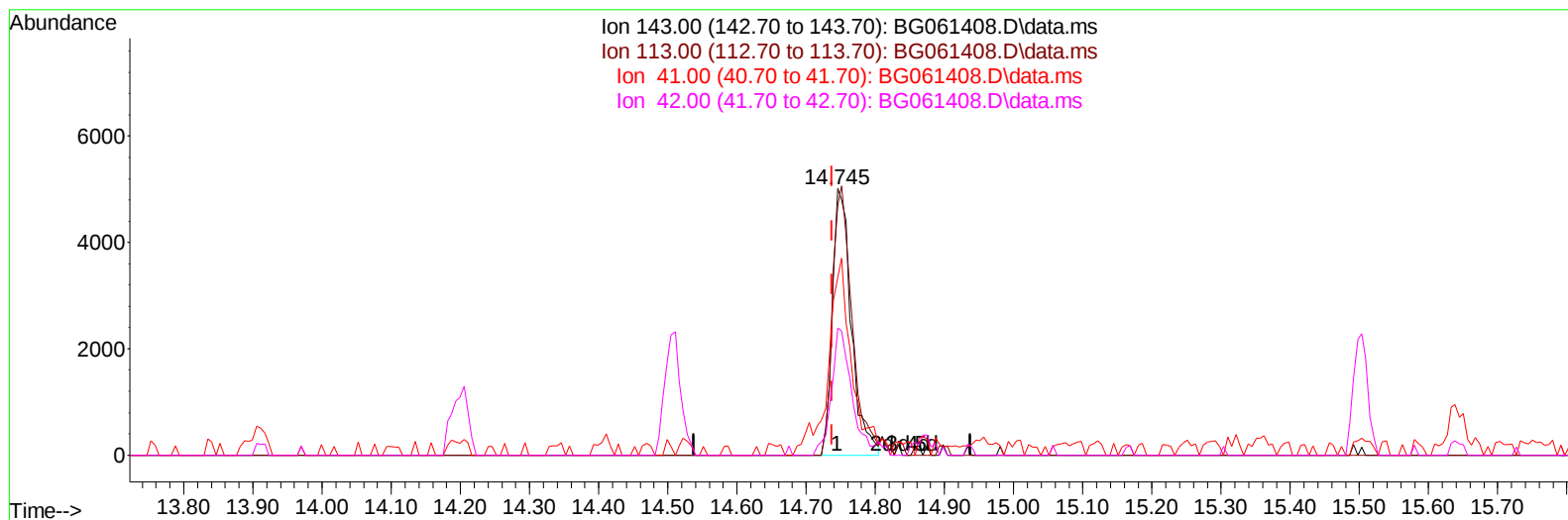
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061408.D
Acq On : 1 Jun 2024 1:43
Operator : MA/JU
Sample : P2588-13
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024



TIC: BG061408.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.745min (+ 0.008) 10.52 ng/u1

response 9434

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	93.80#
41.00	77.10	66.73
42.00	49.50	47.77

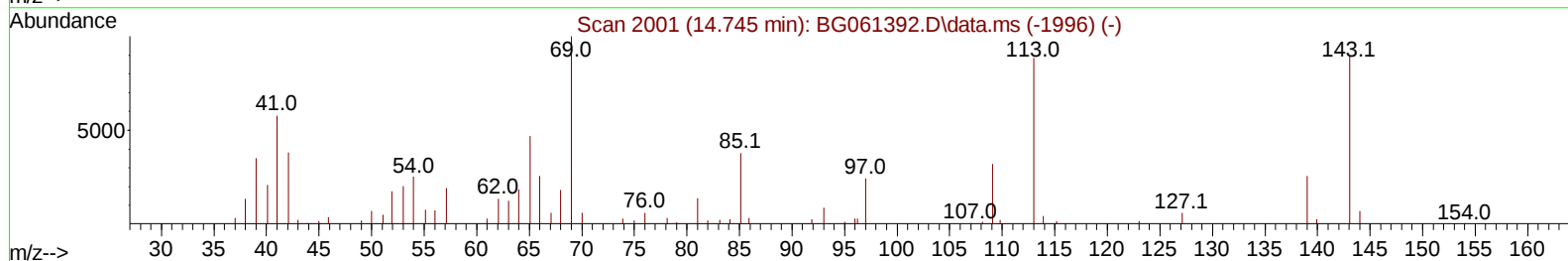
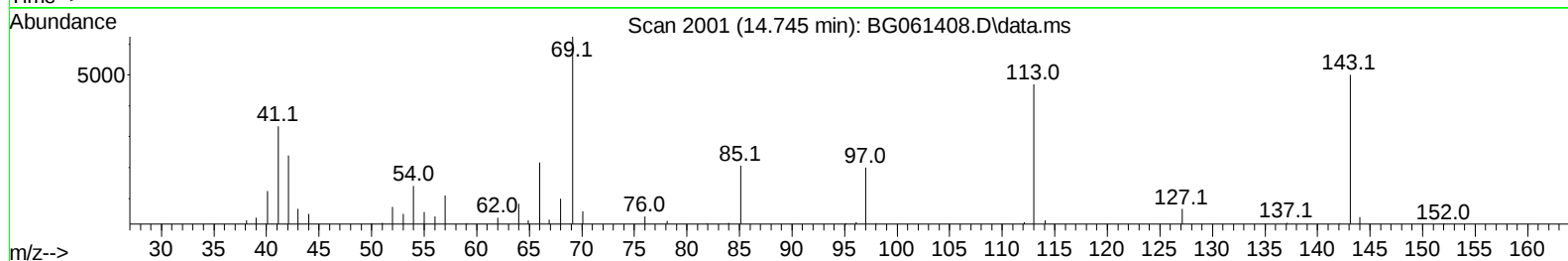
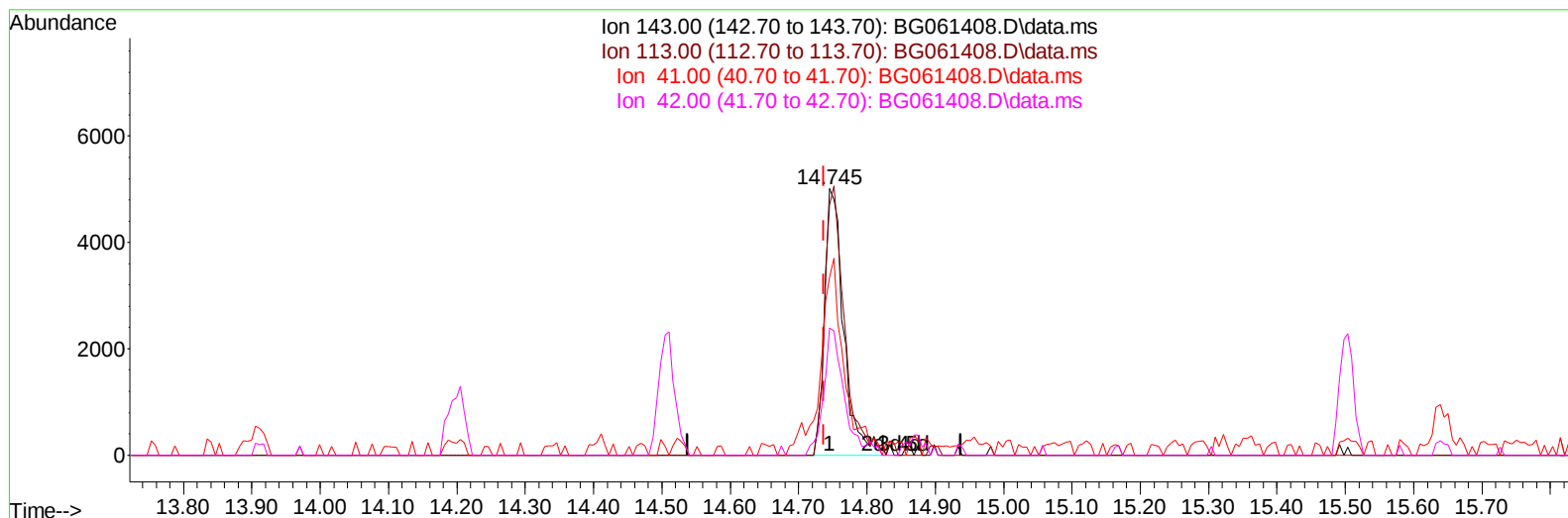
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061408.D
Acq On : 1 Jun 2024 1:43
Operator : MA/JU
Sample : P2588-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6D8

Manual IntegrationsAPPROVED

Quant Time: Jun 01 02:16:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
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Supervised By :mohammad ahmed 06/04/2024



TIC: BG061408.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.745min (+ 0.008) 10.80 ng/ul m

response 9686

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	93.80#
41.00	77.10	66.73
42.00	49.50	47.77

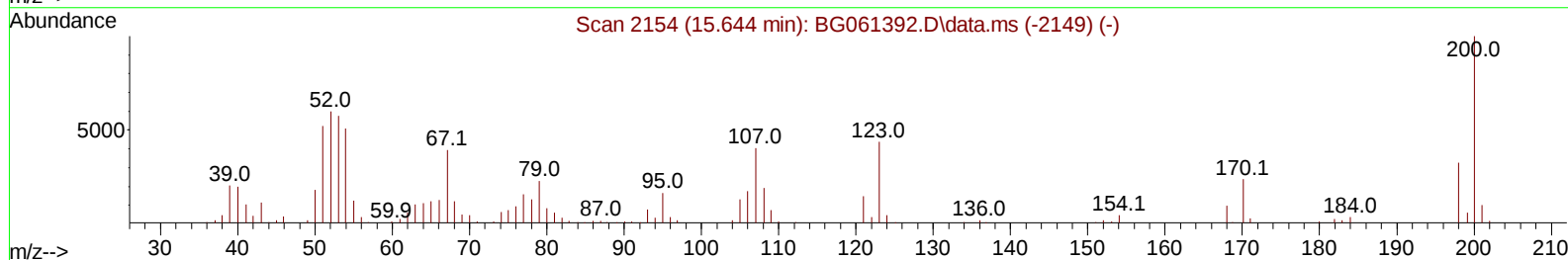
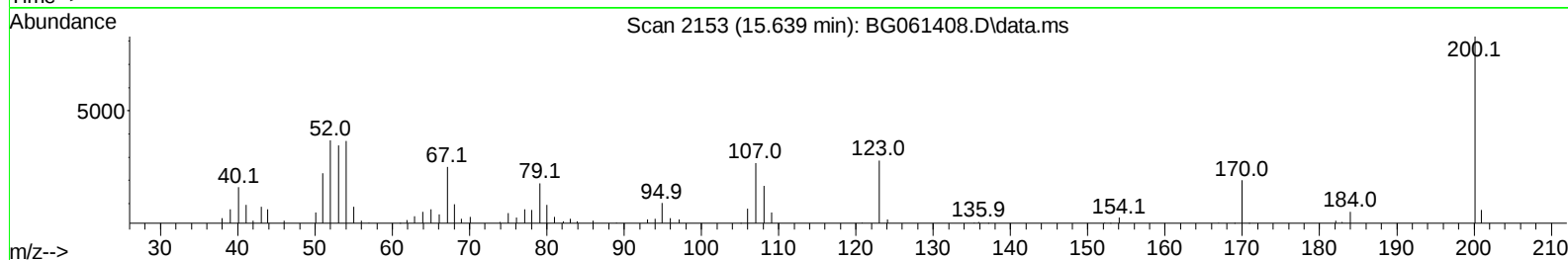
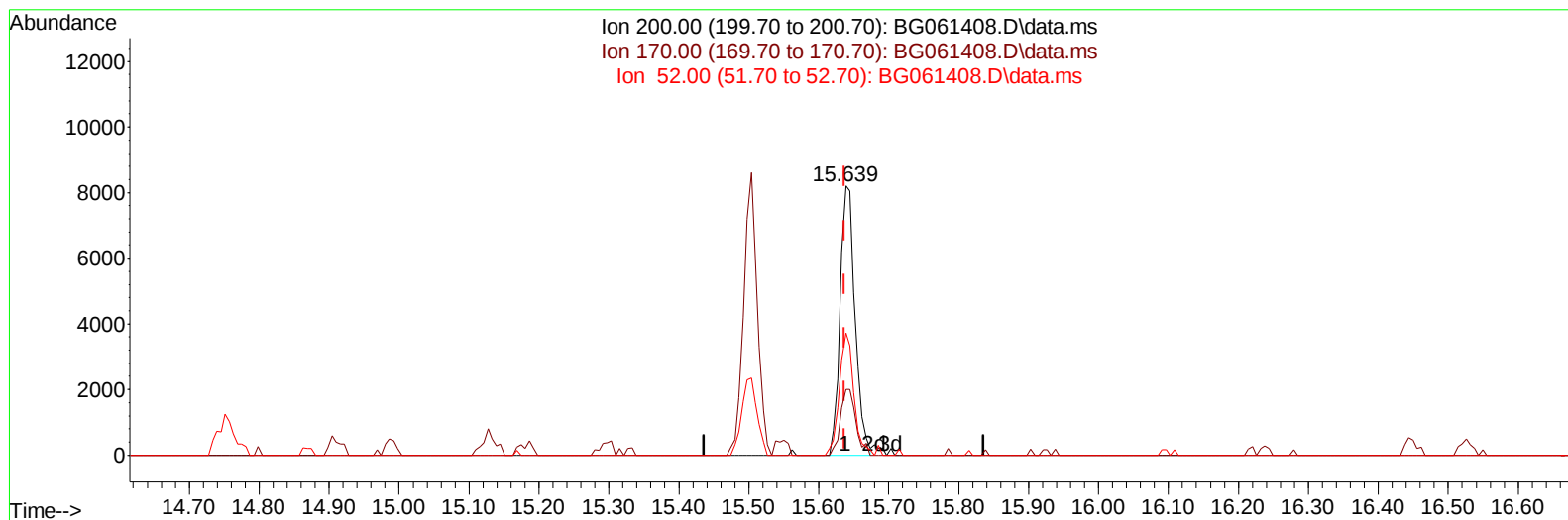
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
 Data File : BG061408.D
 Acq On : 1 Jun 2024 1:43
 Operator : MA/JU
 Sample : P2588-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 06/04/2024



TIC: BG061408.D\data.ms

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

15.639min (+ 0.002) 9.56 ng/u1

response 12337

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	25.30	24.39
52.00	60.50	45.41#
0.00	0.00	0.00

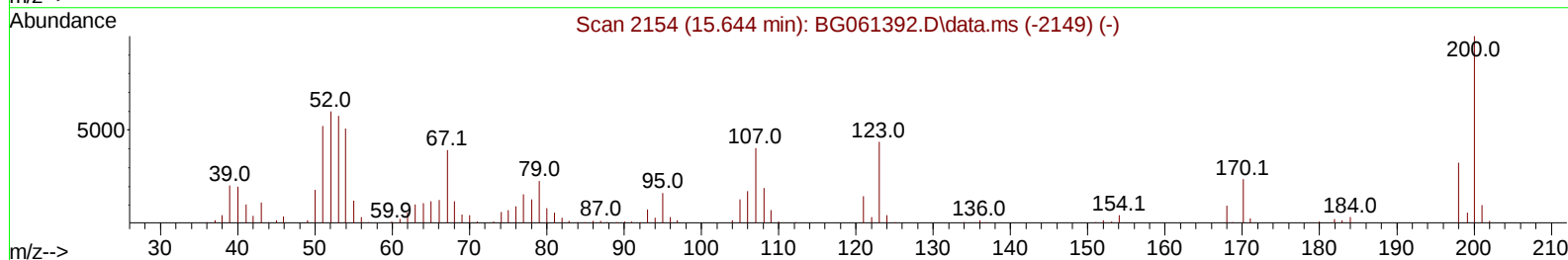
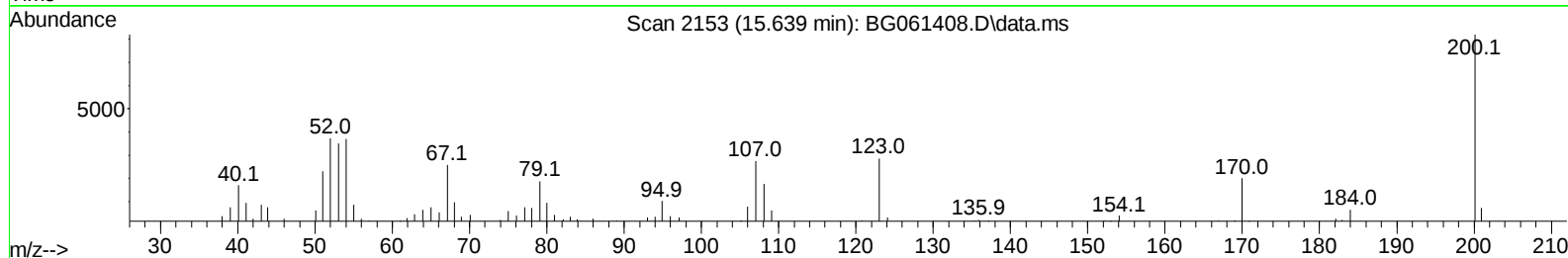
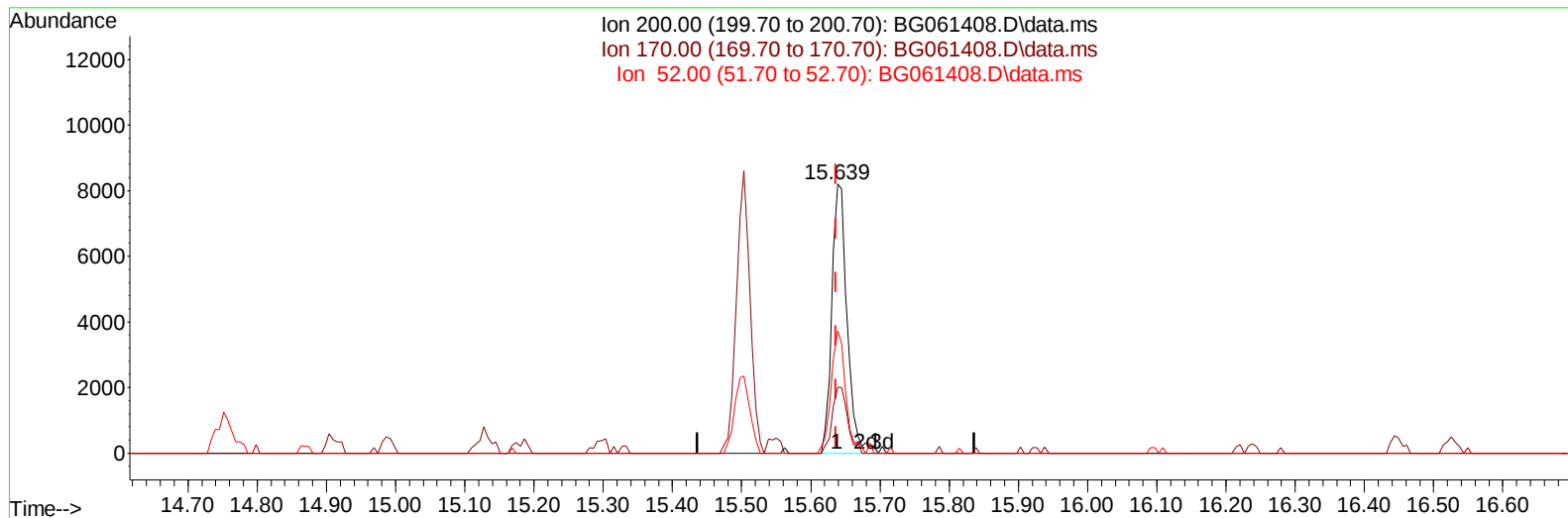
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061408.D
Acq On : 1 Jun 2024 1:43
Operator : MA/JU
Sample : P2588-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6D8

Manual IntegrationsAPPROVED

Quant Time: Jun 01 02:16:28 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 06/03/2024
Supervised By :mohammad ahmed 06/04/2024



TIC: BG061408.D\data.ms

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

15.639min (+ 0.002) 9.76 ng/ul m

response 12593

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	25.30	24.39
52.00	60.50	45.41#
0.00	0.00	0.00

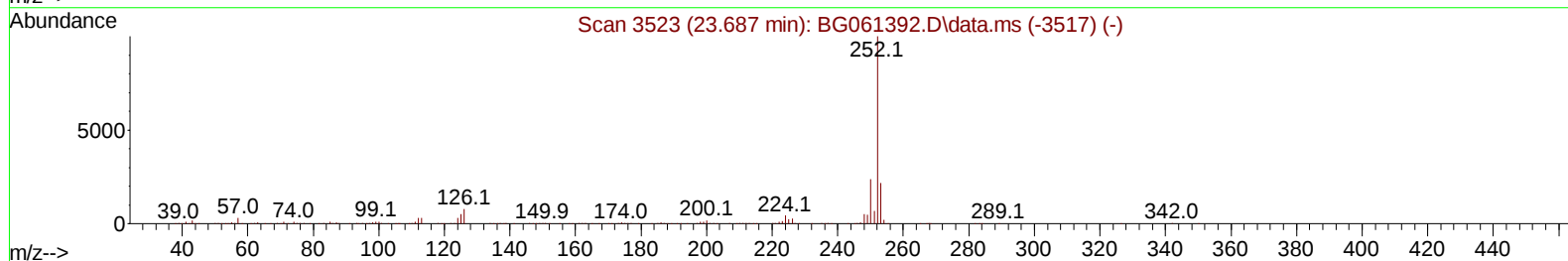
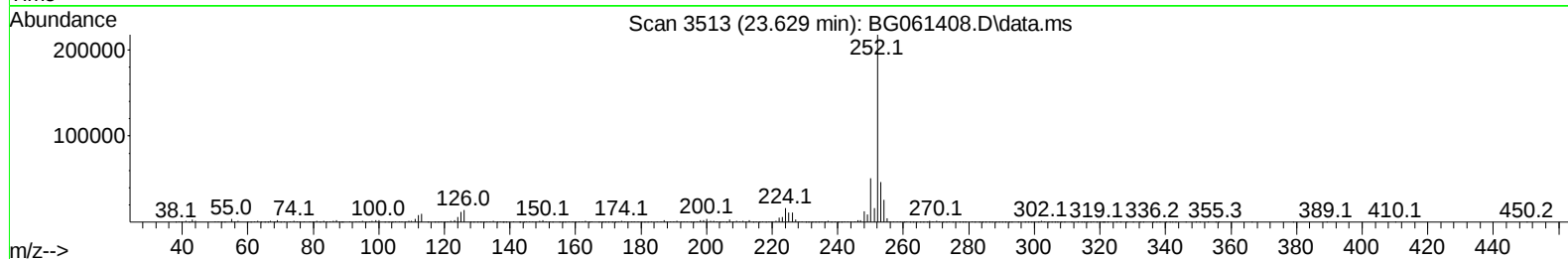
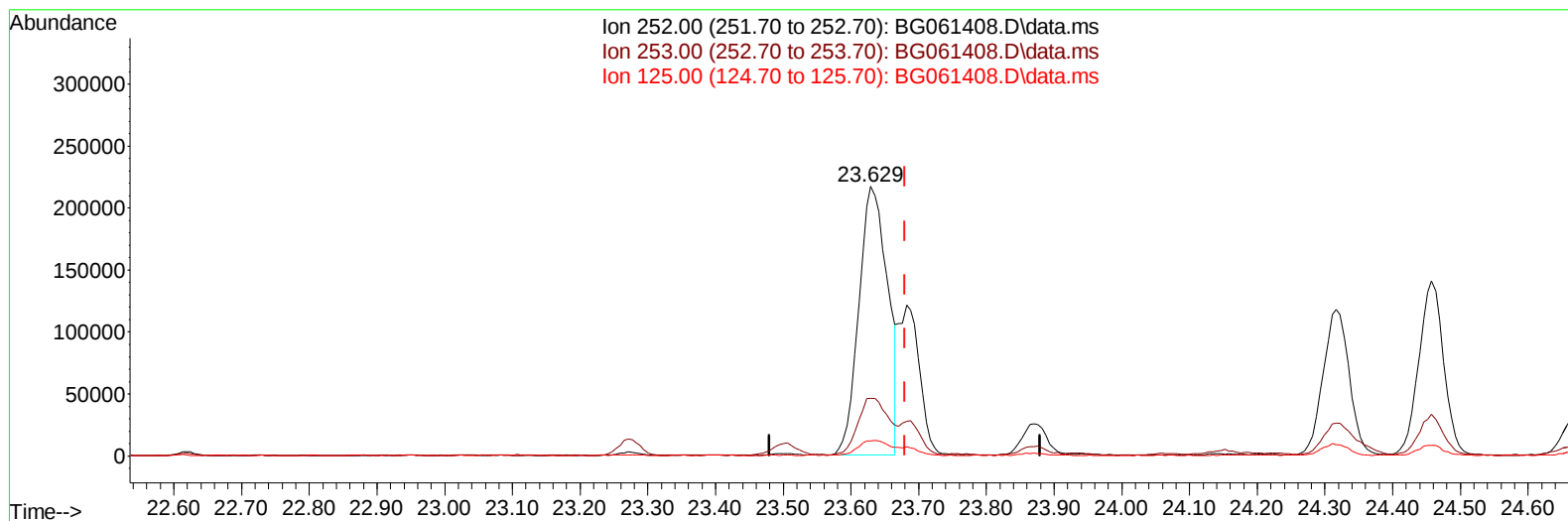
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061408.D
Acq On : 1 Jun 2024 1:43
Operator : MA/JU
Sample : P2588-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6D8

Manual IntegrationsAPPROVED

Quant Time: Jun 01 02:17:45 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 06/03/2024
Supervised By :mohammad ahmed 06/04/2024



TIC: BG061408.D\data.ms

(91) Benzo(k)fluoranthene

23.629min (-0.051) 42.17 ng/u1

response 640826

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	21.29
125.00	5.40	5.51
0.00	0.00	0.00

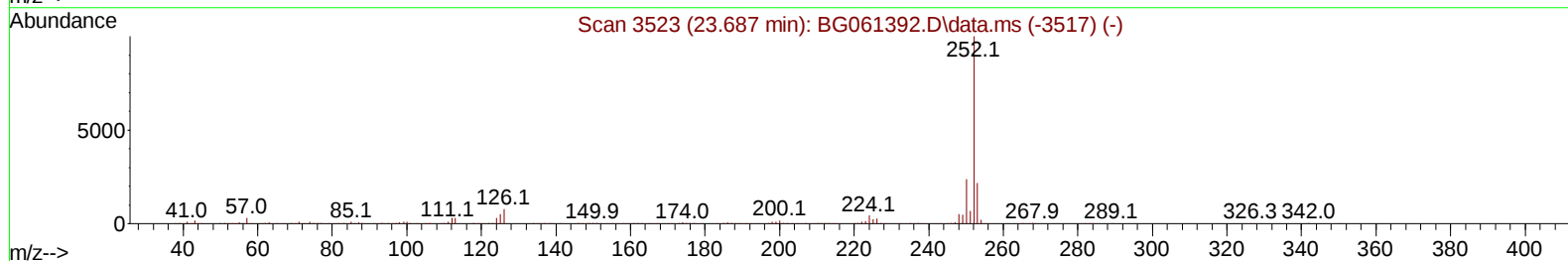
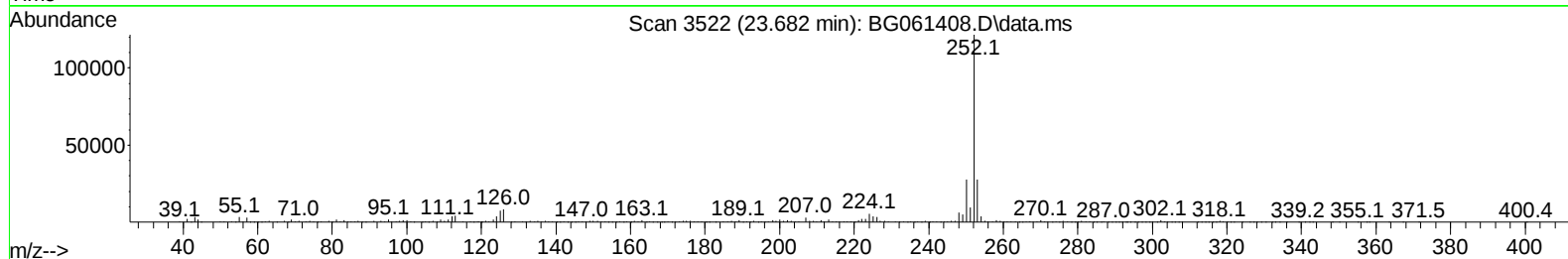
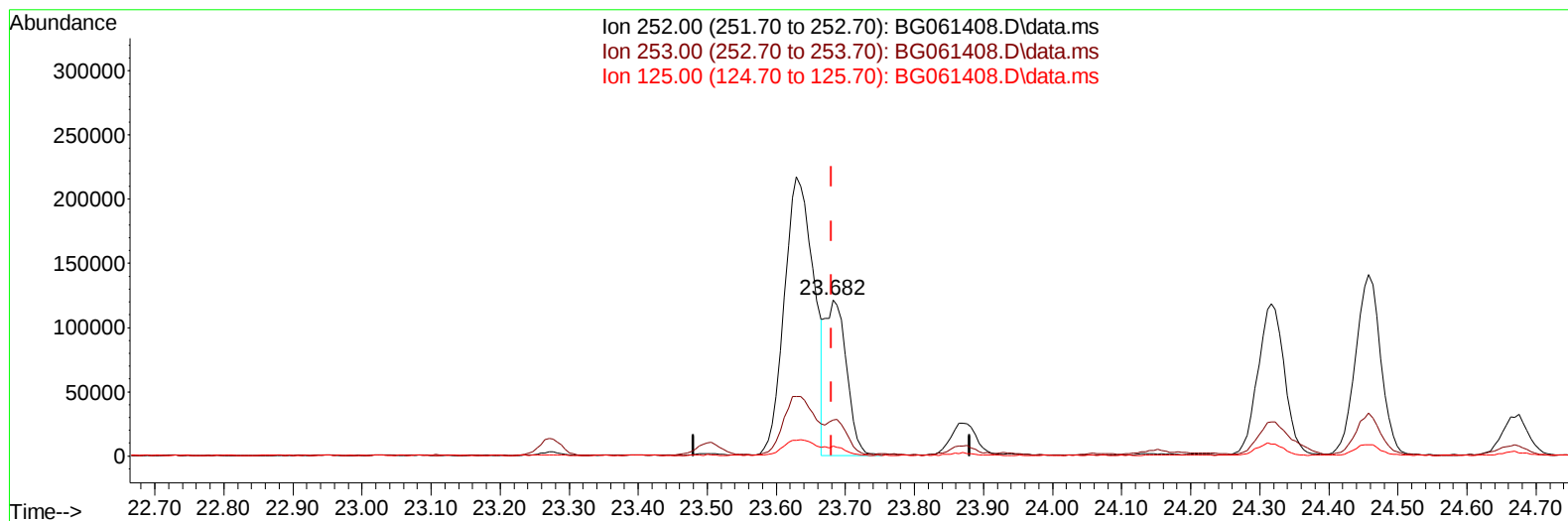
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061408.D
Acq On : 1 Jun 2024 1:43
Operator : MA/JU
Sample : P2588-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6D8

Manual IntegrationsAPPROVED

Quant Time: Jun 01 02:17:45 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 06/03/2024
Supervised By :mohammad ahmed 06/04/2024



TIC: BG061408.D\data.ms

(91) Benzo(k)fluoranthene

23.682min (+ 0.002) 17.13 ng/ul m

response 260336

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	22.97
125.00	5.40	6.28
0.00	0.00	0.00

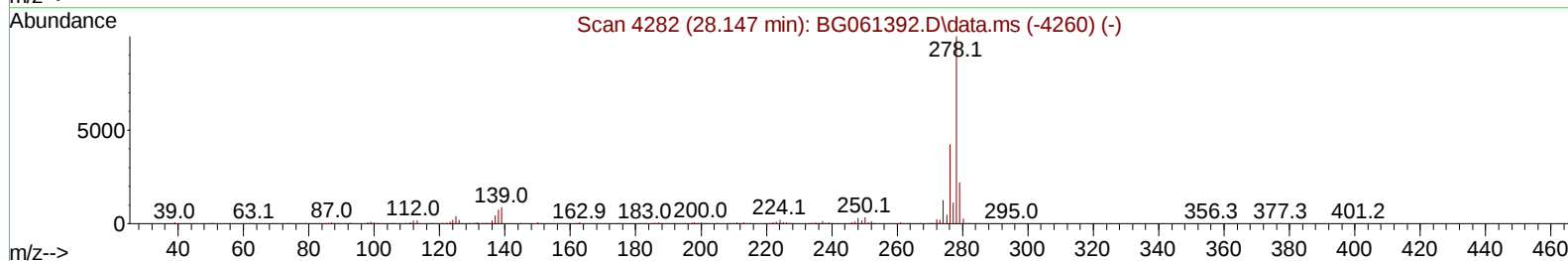
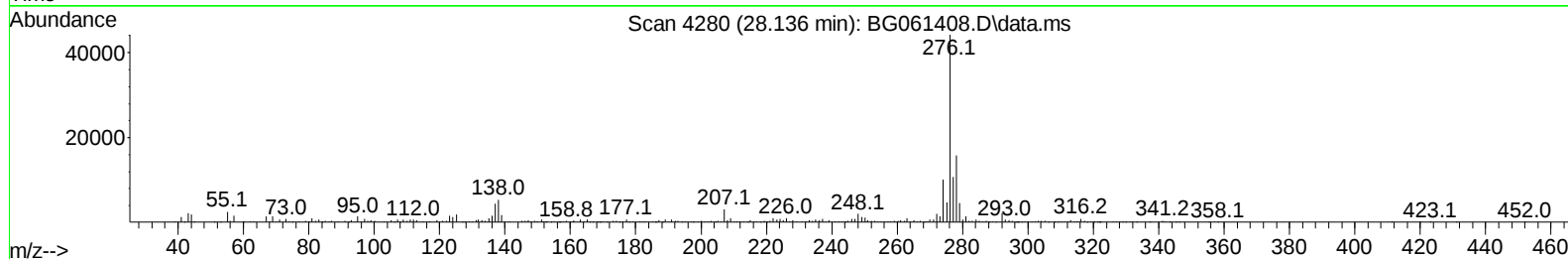
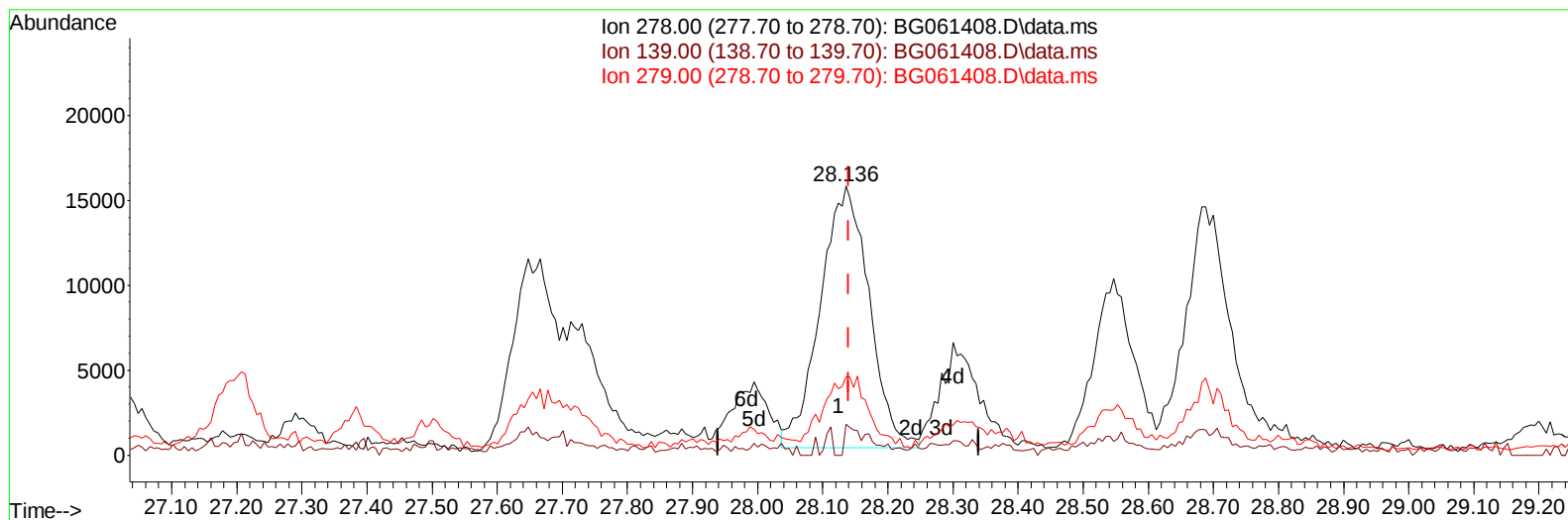
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6D8

Manual IntegrationsAPPROVED

Quant Time: Jun 01 02:18:27 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
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TIC: BG061408.D\data.ms

(95) Dibenzo(a,h)anthracene

28.136min (-0.004) 5.68 ng/u1 m

response 80492

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	11.44#
279.00	24.90	29.09
0.00	0.00	0.00

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 Data File : BG061408.D
 Acq On : 1 Jun 2024 1:43
 Operator : MA/JU
 Sample : P2588-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

Quant Time: Jun 01 02:19:01 2024
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.871	152		30941	20.000	ng/ul	0.00
20) Naphthalene-d8	10.668	136		122879	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164		93509	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.260	188		213328	20.000	ng/ul	0.00
79) Chrysene-d12	21.514	240		215336	20.000	ng/ul	0.00
88) Perylene-d12	24.605	264		251393	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.335	96		1656	2.995	ng/uL	0.00
4) Pyridine-d5	3.747	84		13437	6.831	ng/ul	0.00
7) Phenol-d5	7.060	99		32079	12.625	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67		21567	13.504	ng/ul	0.00
11) 2-Chlorophenol-d4	7.413	132		26588	14.139	ng/ul	0.00
15) 4-Methylphenol-d8	8.594	113		14765	6.815	ng/ul	0.00
21) Nitrobenzene-d5	9.029	128		14082	14.885	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143		16478	14.882	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.298	165		31005	14.364	ng/ul	0.00
31) 4-Chloroaniline-d4	10.797	131		6334	2.243	ng/ul	0.00
46) Dimethylphthalate-d6	13.911	166		108828	15.006	ng/ul	0.00
49) Acenaphthylene-d8	14.199	160		121378	16.098	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143		9686m	10.803	ng/ul	0.00
60) Fluorene-d10	15.503	176		103074	16.462	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200		12593m	9.760	ng/ul	0.00
73) Anthracene-d10	17.354	188		165403	17.587	ng/ul	0.00
81) Pyrene-d10	19.651	212		199826	18.073	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.387	264		207628	17.179	ng/ul	0.00
Target Compounds							
						Qvalue	
50) Acenaphthylene	14.234	152		9904m	1.185	ng/ul	
72) Phenanthrene	17.301	178		199254	19.244	ng/ul	98
74) Anthracene	17.389	178		12583	1.175	ng/ul	98
77) Carbazole	17.666	167		36369	4.177	ng/ul	96
78) Di-n-butylphthalate	18.224	149		57845	5.302	ng/ul	98
80) Fluoranthene	19.317	202		747431	56.351	ng/ul	99
82) Pyrene	19.681	202		646324	46.944	ng/ul	100
83) Butylbenzylphthalate	20.568	149		15179	3.209	ng/ul	96
85) Benzo(a)anthracene	21.496	228		327544	22.045	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.402	149		256909	36.696	ng/ul	99
87) Chrysene	21.561	228		452492	33.074	ng/ul	97
90) Benzo(b)fluoranthene	23.629	252		640663	42.803	ng/ul	98
91) Benzo(k)fluoranthene	23.682	252		260336m	17.133	ng/ul	
93) Benzo(a)pyrene	24.458	252		355461	25.010	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	28.106	276		323688	18.832	ng/ul	98
95) Dibenzo(a,h)anthracene	28.136	278		80492m	5.680	ng/ul	
96) Benzo(g,h,i)perylene	29.193	276		248961	18.208	ng/ul	100

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

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Manual IntegrationsAPPROVED

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