

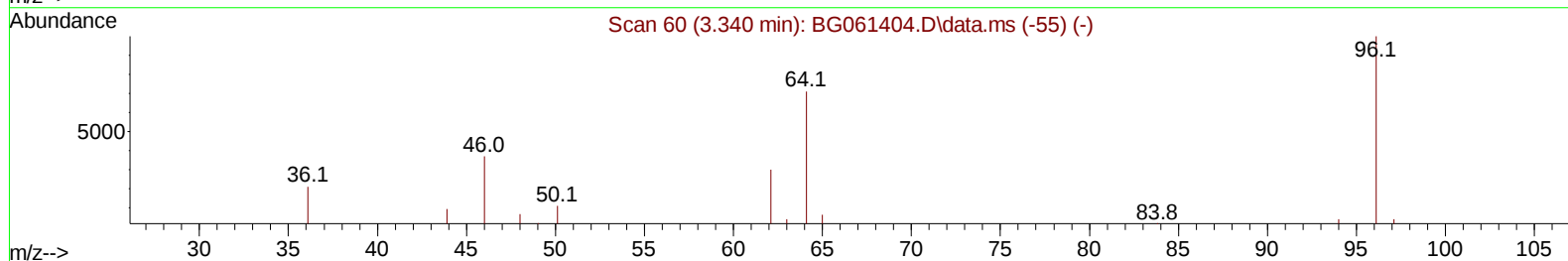
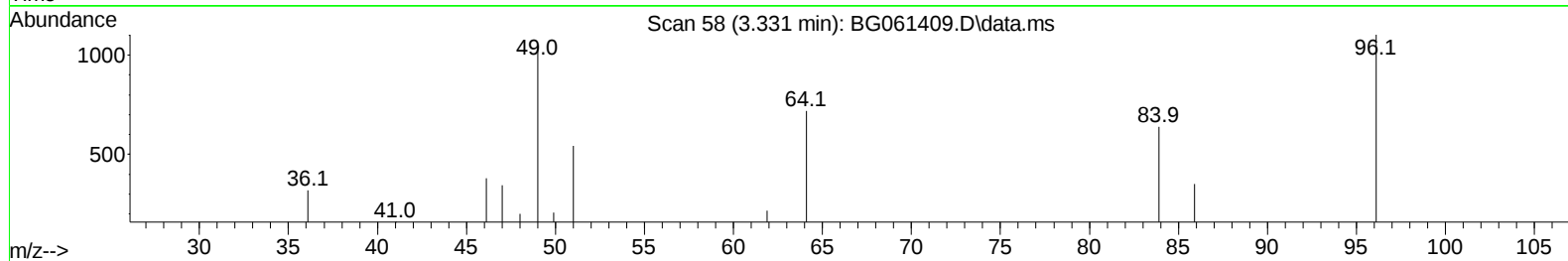
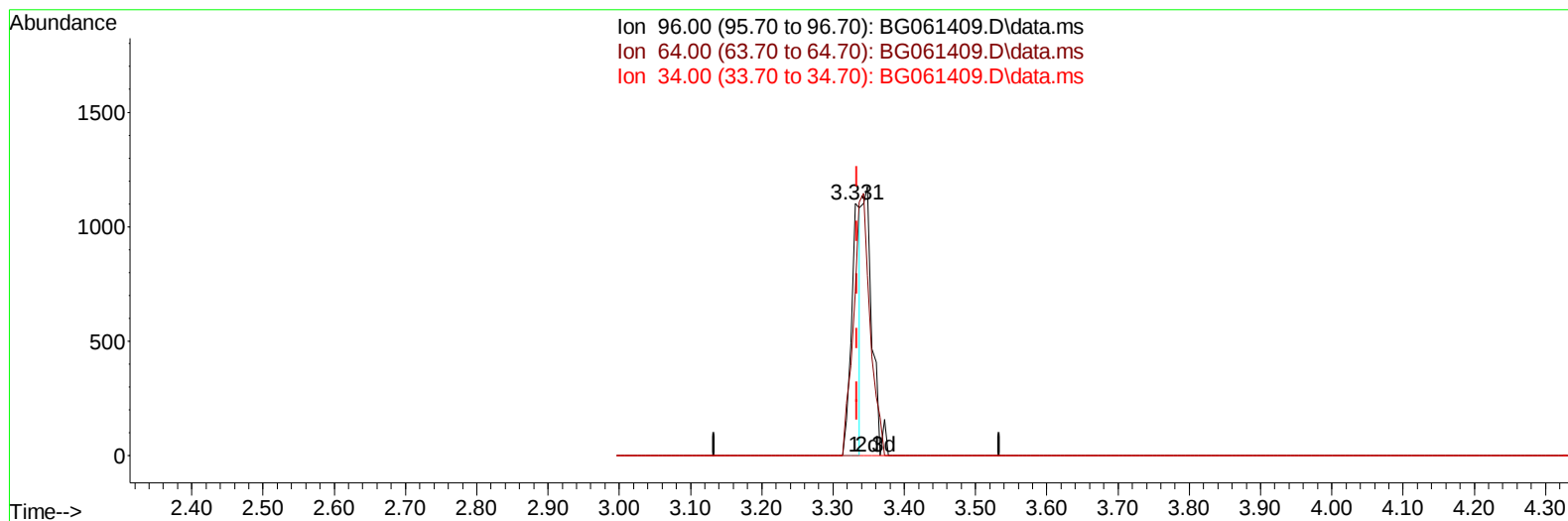
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
 Data File : BG061409.D
 Acq On : 1 Jun 2024 2:24
 Operator : MA/JU
 Sample : P2588-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH6D9

Manual IntegrationsAPPROVED

Quant Time: Jun 01 03:02:00 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: BG061409.D\data.ms

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

3.331min (-0.002) 2.04 ng/uL

response 1000

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	91.80	65.34#
34.00	0.00	0.00
0.00	0.00	0.00

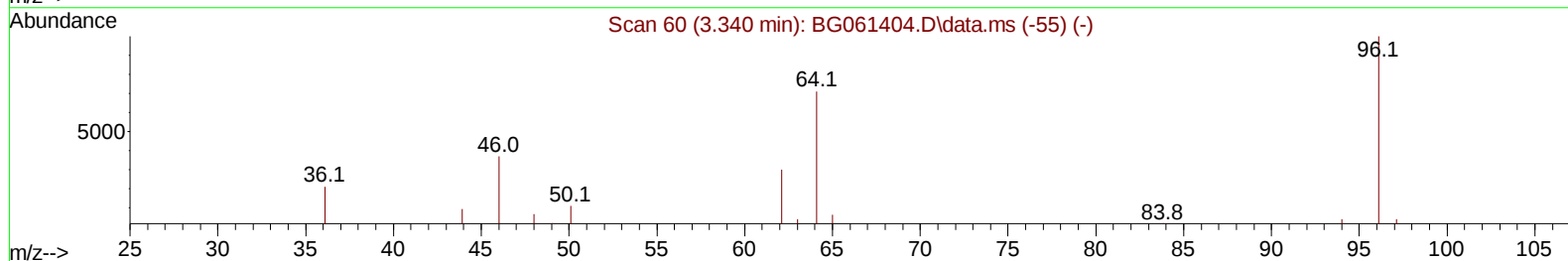
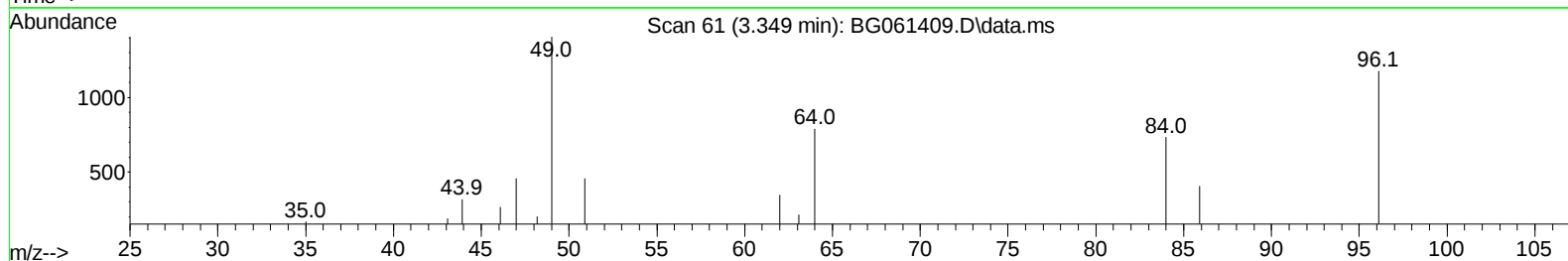
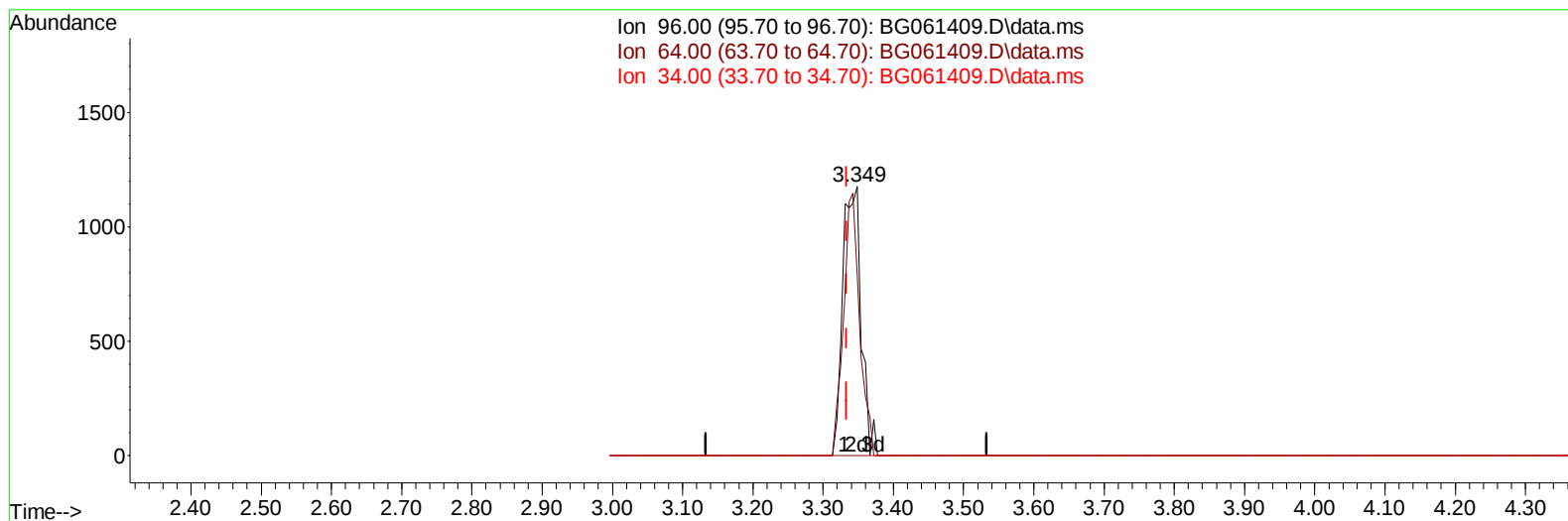
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061409.D
Acq On : 1 Jun 2024 2:24
Operator : MA/JU
Sample : P2588-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6D9

Manual IntegrationsAPPROVED

Quant Time: Jun 01 03:02:00 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: BG061409.D\data.ms

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

3.349min (+ 0.015) 4.31 ng/uL m

response 2113

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	91.80	67.18#
34.00	0.00	0.00
0.00	0.00	0.00

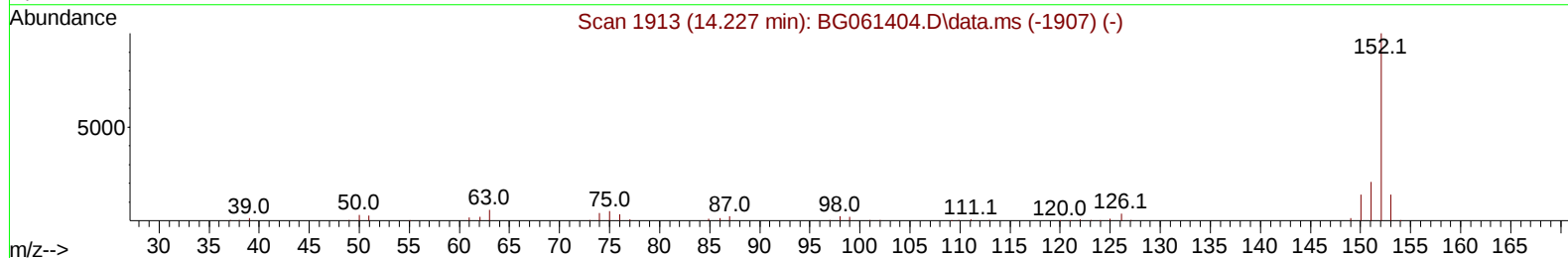
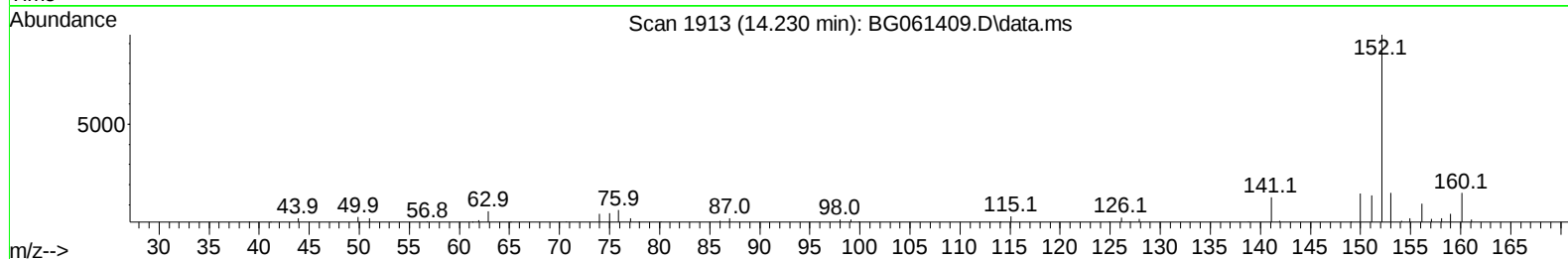
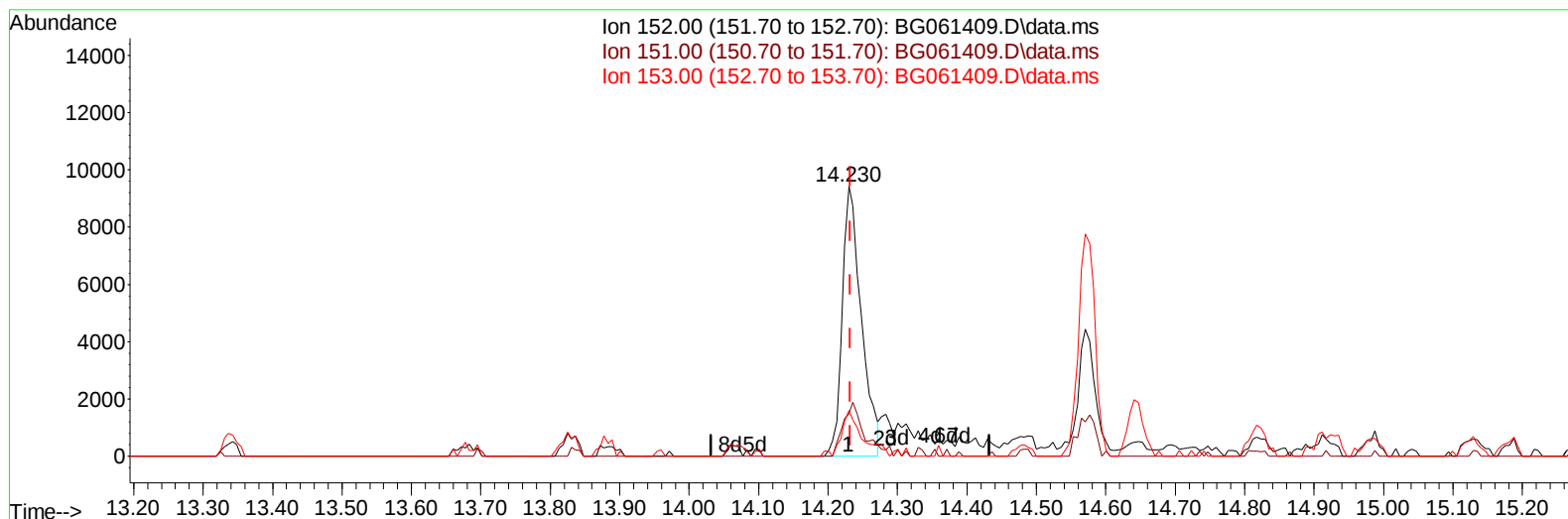
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
 Data File : BG061409.D
 Acq On : 1 Jun 2024 2:24
 Operator : MA/JU
 Sample : P2588-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH6D9

Manual IntegrationsAPPROVED

Quant Time: Jun 01 03:02:00 2024
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 Supervised By :mohammad ahmed 06/04/2024



TIC: BG061409.D\data.ms

(50) Acenaphthylene

14.230min (-0.002) 2.59 ng/u1

response 17967

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.20	15.75#
153.00	12.80	16.82#
0.00	0.00	0.00

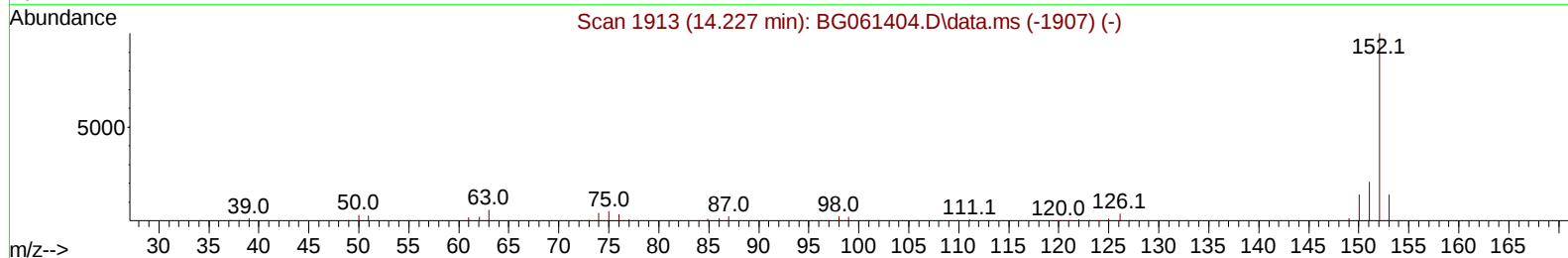
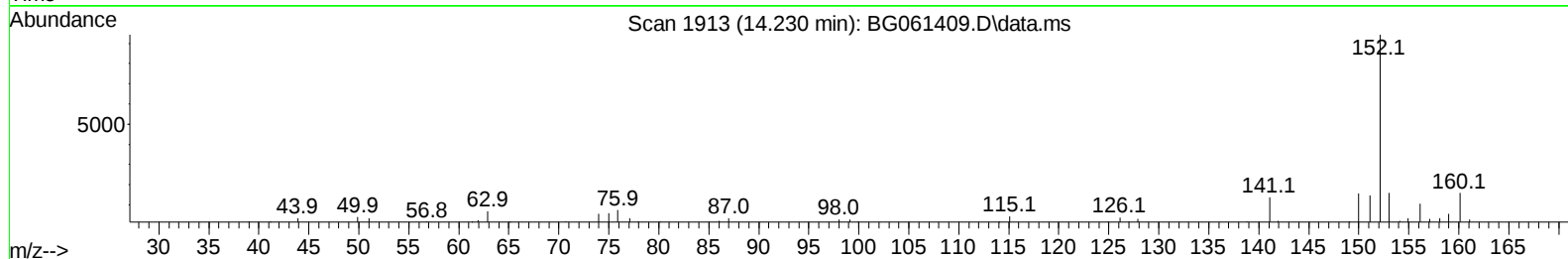
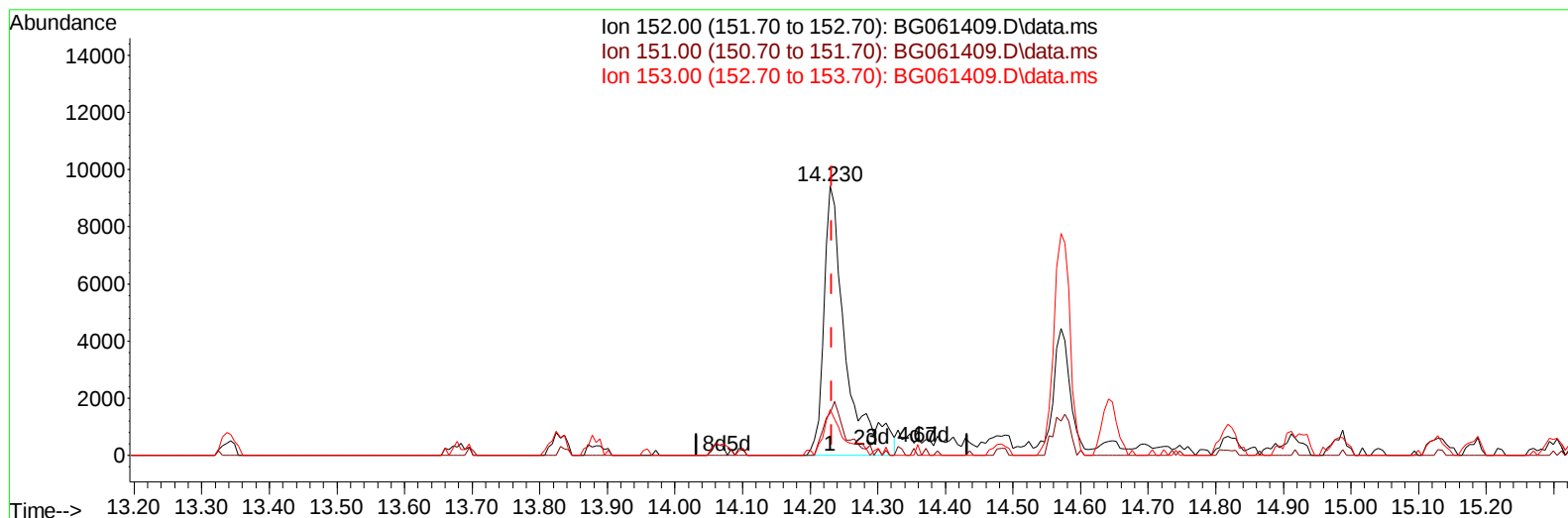
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
 Data File : BG061409.D
 Acq On : 1 Jun 2024 2:24
 Operator : MA/JU
 Sample : P2588-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jun 01 03:02:00 2024
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Reviewed By :Jagrut Upadhyay 06/03/2024
 Supervised By :mohammad ahmed 06/04/2024



TIC: BG061409.D\data.ms

(50) Acenaphthylene

14.230min (-0.002) 3.08 ng/ul m

response 21314

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.20	15.75#
153.00	12.80	16.82#
0.00	0.00	0.00

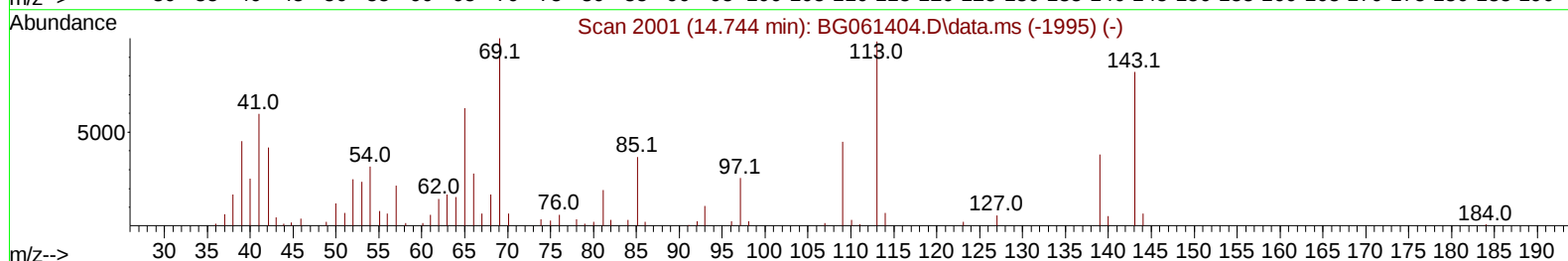
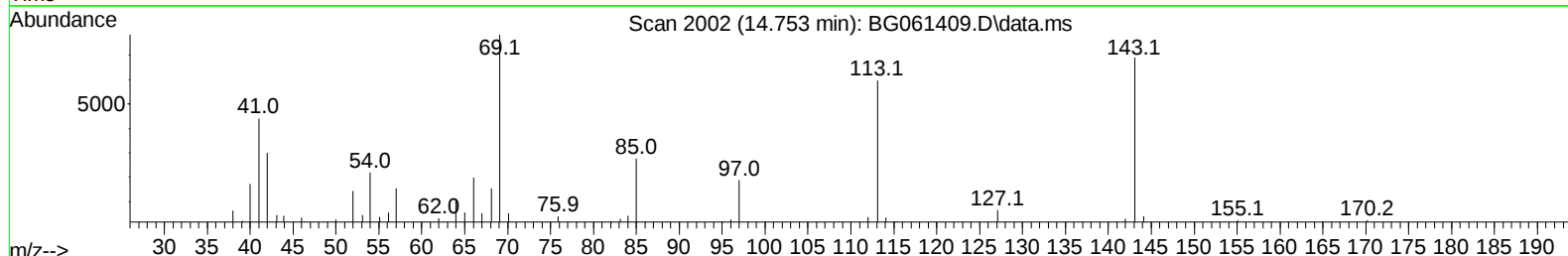
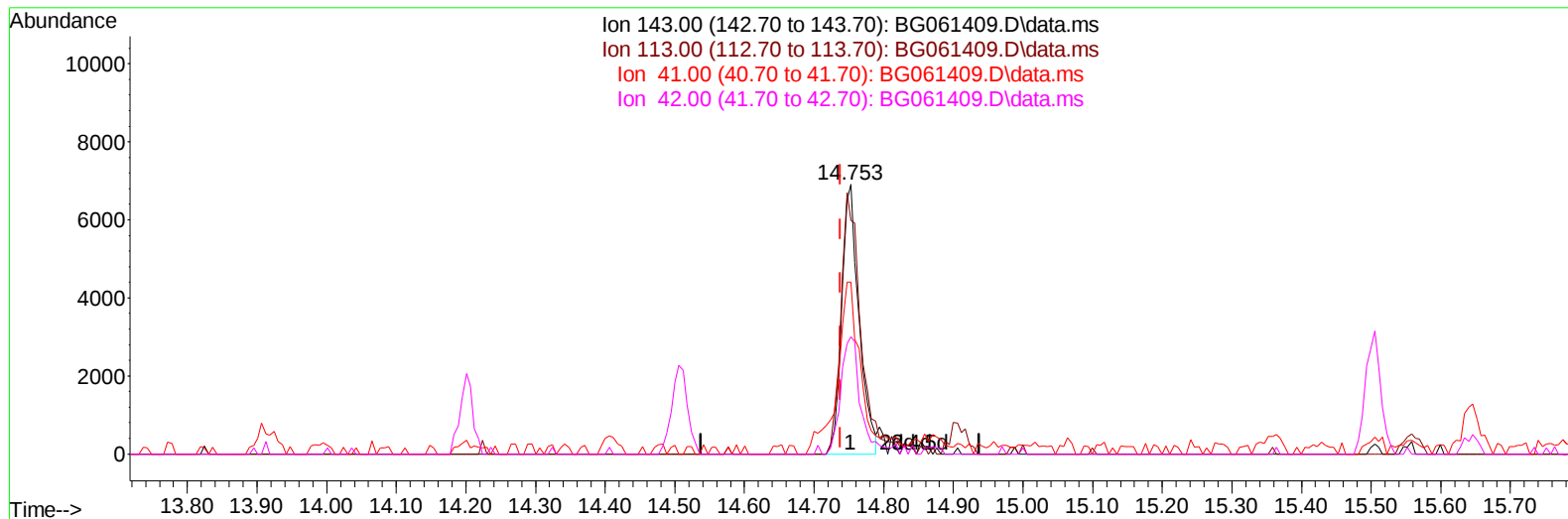
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061409.D
Acq On : 1 Jun 2024 2:24
Operator : MA/JU
Sample : P2588-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6D9

Manual IntegrationsAPPROVED

Quant Time: Jun 01 03:02:00 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
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Supervised By :mohammad ahmed 06/04/2024



TIC: BG061409.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.753min (+ 0.015) 16.02 ng/u1

response 11909

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	86.59#
41.00	77.10	63.84
42.00	49.50	43.40

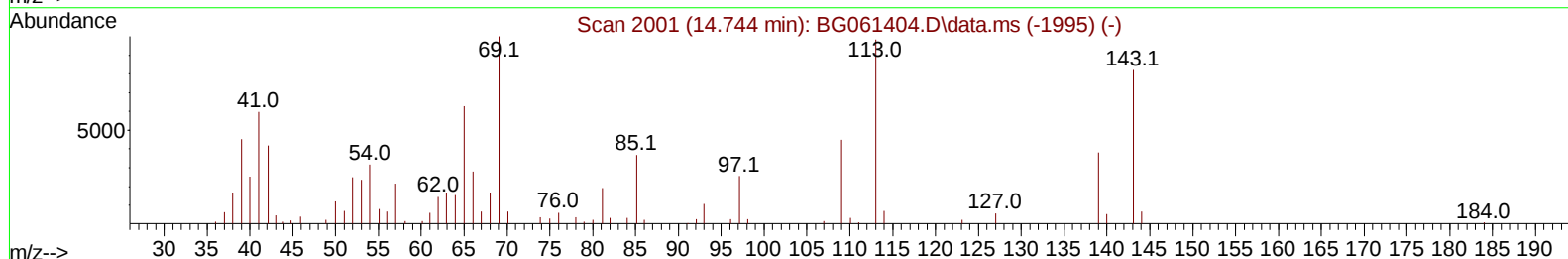
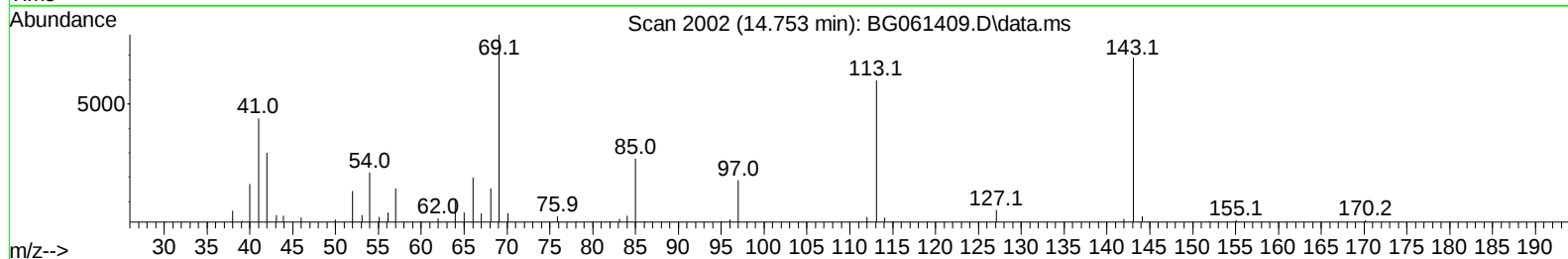
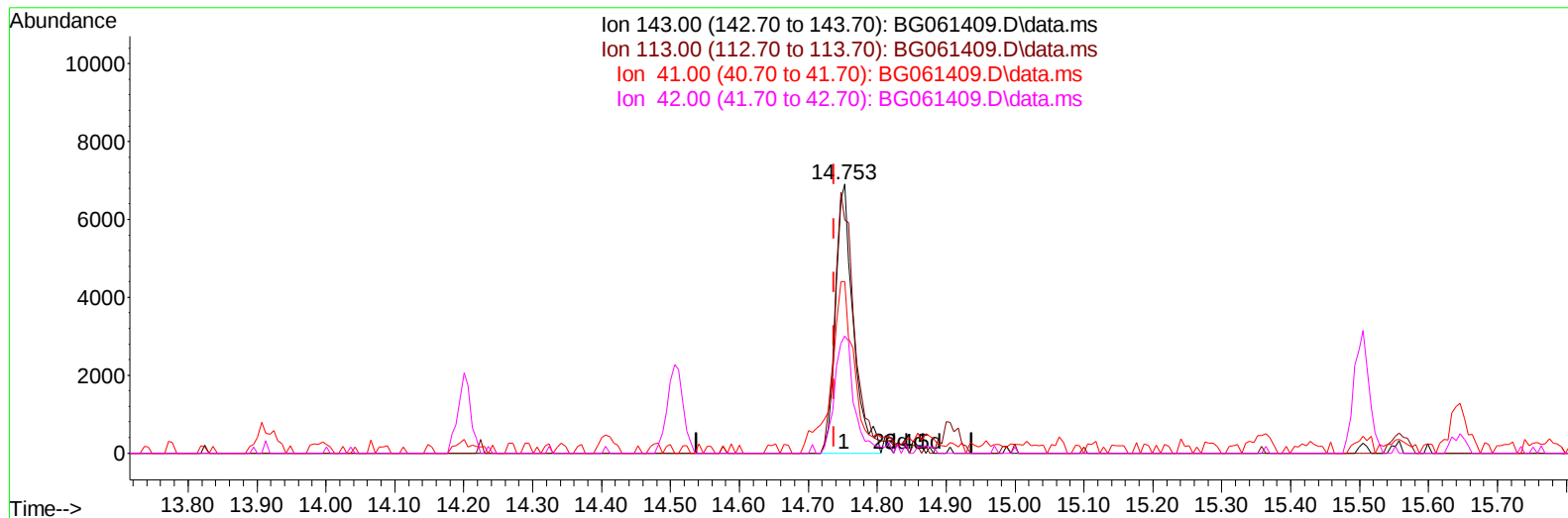
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061409.D
Acq On : 1 Jun 2024 2:24
Operator : MA/JU
Sample : P2588-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6D9

Manual IntegrationsAPPROVED

Quant Time: Jun 01 03:02:00 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: BG061409.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.753min (+ 0.015) 16.57 ng/ul m

response 12313

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	86.59#
41.00	77.10	63.84
42.00	49.50	43.40

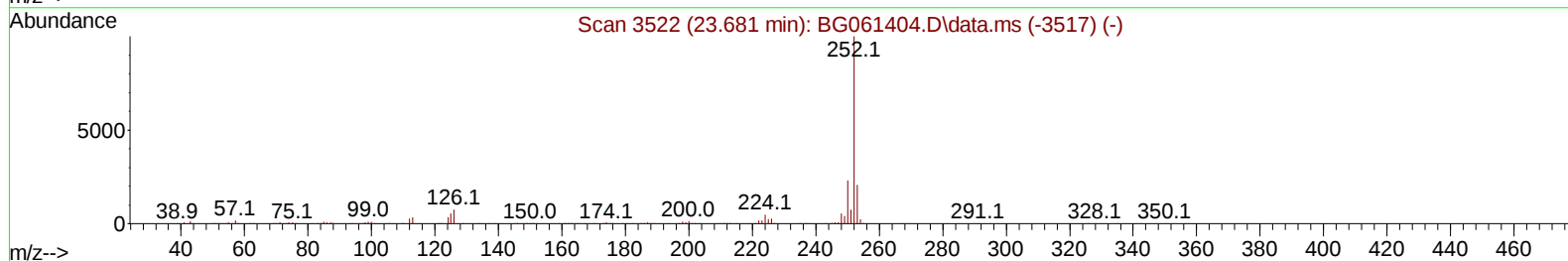
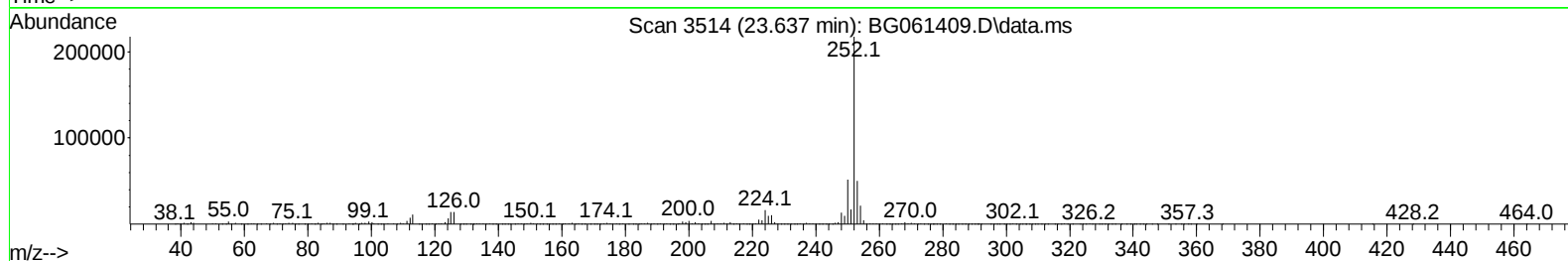
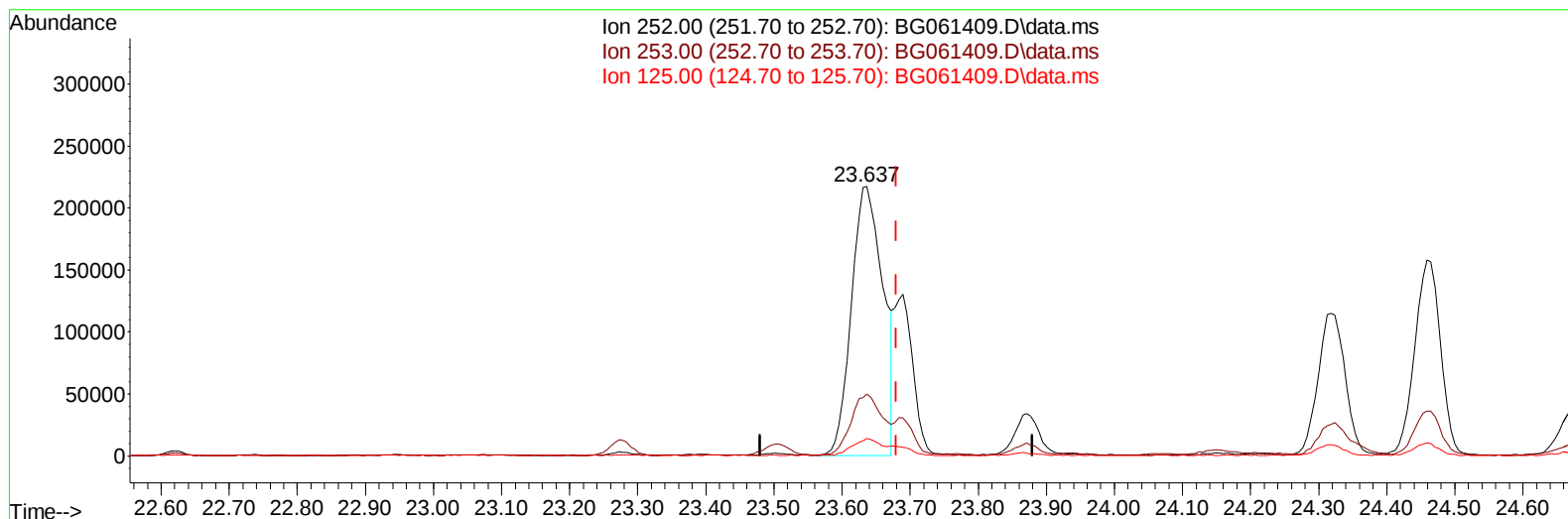
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
 Data File : BG061409.D
 Acq On : 1 Jun 2024 2:24
 Operator : MA/JU
 Sample : P2588-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH6D9

Manual IntegrationsAPPROVED

Quant Time: Jun 01 03:05:02 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: BG061409.D\data.ms

(91) Benzo(k)fluoranthene

23.637min (-0.044) 54.65 ng/u1

response 698446

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	23.09
125.00	5.40	6.55#
0.00	0.00	0.00

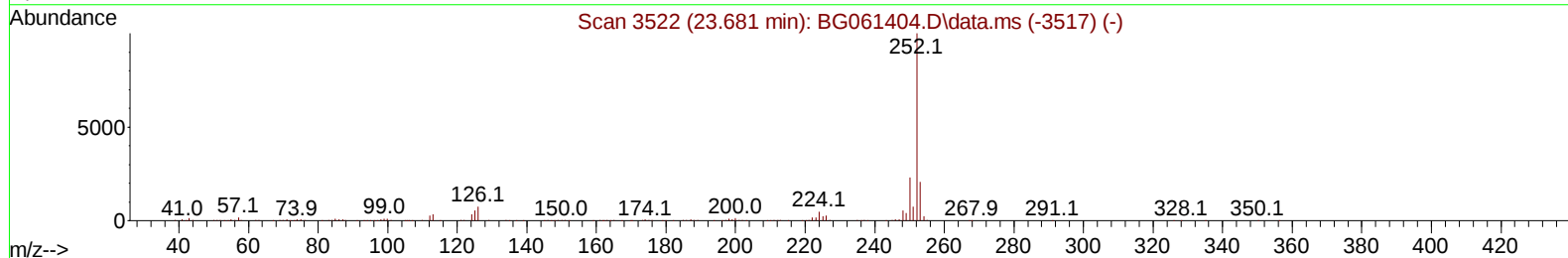
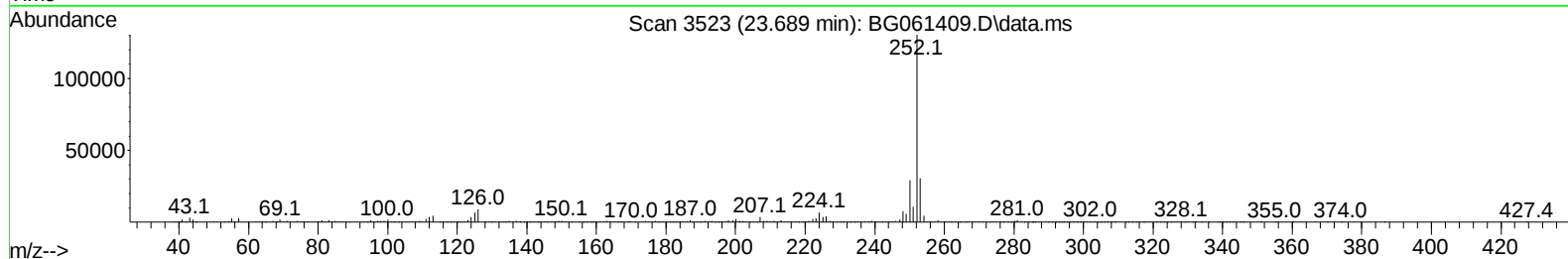
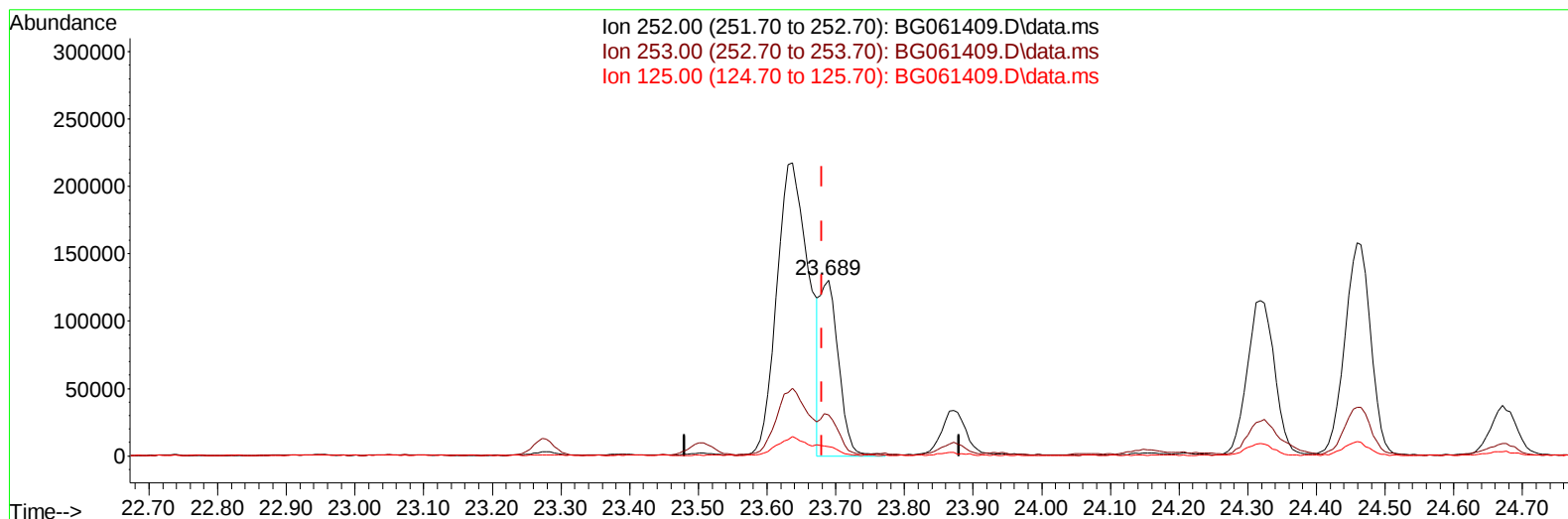
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061409.D
Acq On : 1 Jun 2024 2:24
Operator : MA/JU
Sample : P2588-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH6D9

Manual IntegrationsAPPROVED

Quant Time: Jun 01 03:05:02 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: BG061409.D\data.ms

(91) Benzo(k)fluoranthene

23.689min (+ 0.009) 19.39 ng/ul m

response 247841

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	23.40
125.00	5.40	5.32
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
 Data File : BG061409.D
 Acq On : 1 Jun 2024 2:24
 Operator : MA/JU
 Sample : P2588-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH6D9

Manual IntegrationsAPPROVED

Quant Time: Jun 01 03:05:35 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.873	152	27450	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	102174	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.506	164	77519	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.262	188	180240	20.000	ng/ul	0.00
79) Chrysene-d12	21.515	240	179742	20.000	ng/ul	0.00
88) Perylene-d12	24.600	264	211441	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.349	96	2113m	4.308	ng/uL	0.02
4) Pyridine-d5	3.748	84	17900	10.258	ng/ul	0.00
7) Phenol-d5	7.056	99	41234	18.292	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.203	67	28193	19.898	ng/ul	0.00
11) 2-Chlorophenol-d4	7.414	132	35279	21.147	ng/ul	0.00
15) 4-Methylphenol-d8	8.595	113	16651	8.663	ng/ul	0.00
21) Nitrobenzene-d5	9.024	128	18510	23.530	ng/ul	0.00
24) 2-Nitrophenol-d4	9.753	143	20863	22.661	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.305	165	40060	22.319	ng/ul	0.00
31) 4-Chloroaniline-d4	10.805	131	19601	8.347	ng/ul	0.00
46) Dimethylphthalate-d6	13.913	166	138833	23.092	ng/ul	0.00
49) Acenaphthylene-d8	14.201	160	153211	24.512	ng/ul	0.00
54) 4-Nitrophenol-d4	14.753	143	12313m	16.565	ng/ul	0.02
60) Fluorene-d10	15.505	176	127277	24.520	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200	15946	14.628	ng/ul	0.00
73) Anthracene-d10	17.362	188	208213	26.203	ng/ul	0.00
81) Pyrene-d10	19.653	212	258623	28.023	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.394	264	268723	26.436	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.716	128	10771	1.997	ng/ul#	82
36) 2-Methylnaphthalene	12.326	142	5805	1.484	ng/ul	97
37) 1-Methylnaphthalene	12.550	142	7892	1.966	ng/ul#	99
50) Acenaphthylene	14.230	152	21314m	3.075	ng/ul	
52) Acenaphthene	14.571	153	12937	2.845	ng/ul#	89
56) Dibenzofuran	14.906	168	20375	3.134	ng/ul	94
61) Fluorene	15.558	166	29142	5.181	ng/ul	92
72) Phenanthrene	17.303	178	628076	71.796	ng/ul	98
74) Anthracene	17.391	178	69478	7.681	ng/ul	97
77) Carbazole	17.661	167	46725	6.351	ng/ul	98
80) Fluoranthene	19.324	202	1142153	103.163	ng/ul	99
82) Pyrene	19.682	202	971176	84.508	ng/ul	100
85) Benzo(a)anthracene	21.498	228	479639	38.673	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.404	149	70940	12.140	ng/ul#	97
87) Chrysene	21.562	228	553626	48.479	ng/ul	96
90) Benzo(b)fluoranthene	23.637	252	698446	55.480	ng/ul	98
91) Benzo(k)fluoranthene	23.689	252	247841m	19.393	ng/ul	
93) Benzo(a)pyrene	24.459	252	415433	34.752	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.102	276	310502	21.479	ng/ul	99
95) Dibenzo(a,h)anthracene	28.143	278	80384	6.744	ng/ul	99
96) Benzo(g,h,i)perylene	29.201	276	237703	20.669	ng/ul	99

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/03/2024
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Quant Time: Jun 01 03:05:35 2024
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
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