

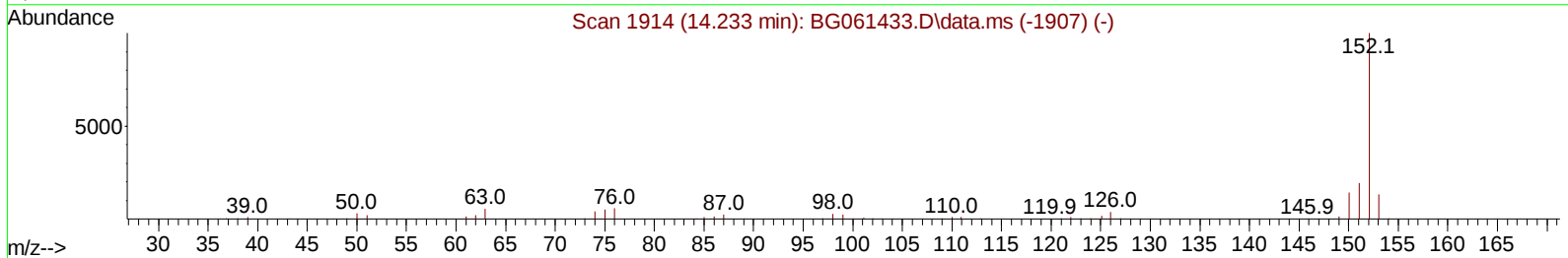
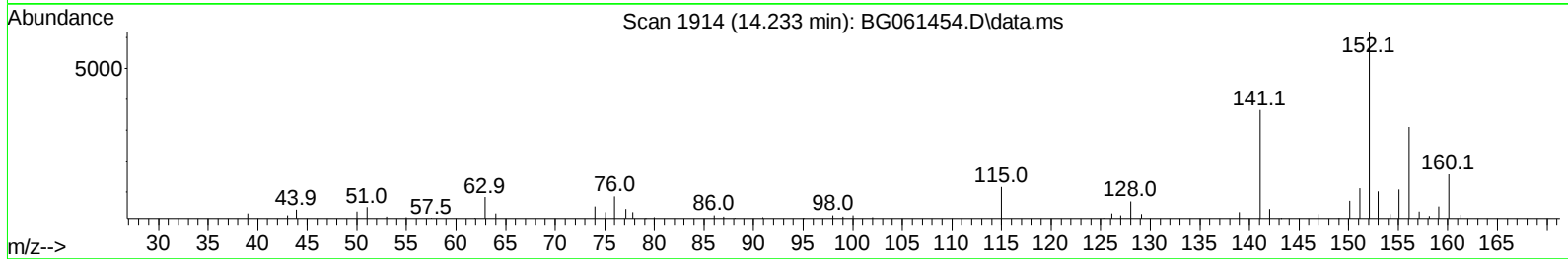
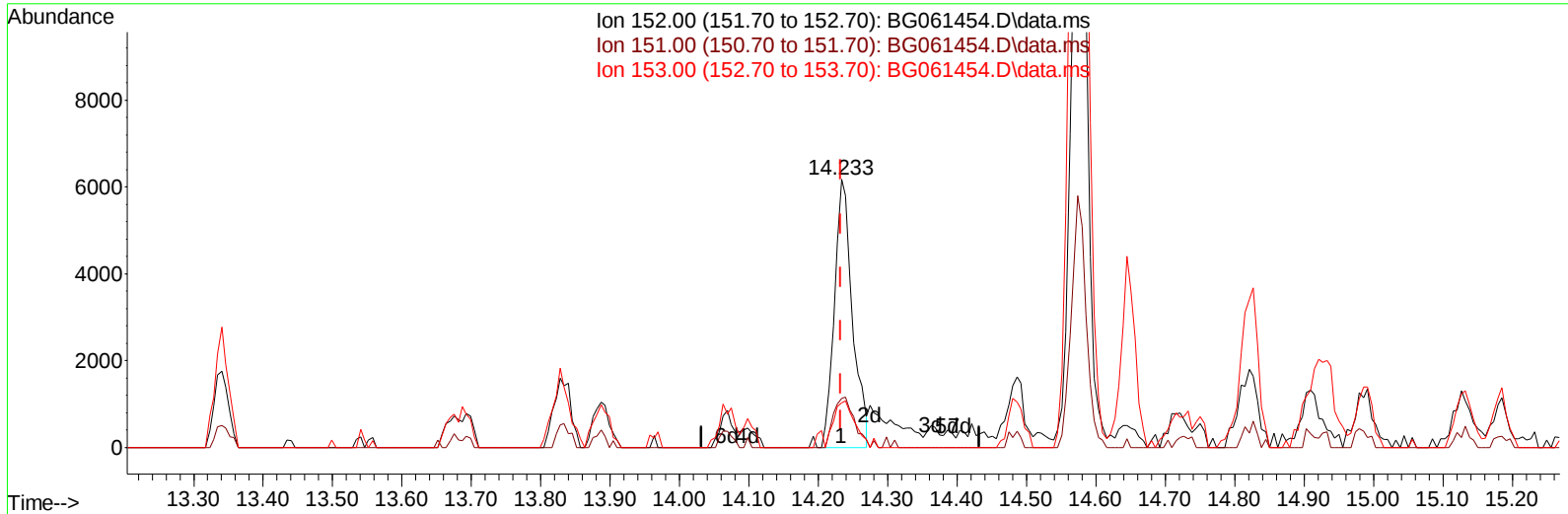
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061454.D
Acq On : 4 Jun 2024 14:07
Operator : MA/JU
Sample : P2590-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL7

Manual IntegrationsAPPROVED

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

Quant Time: Jun 04 15:00:50 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



TIC: BG061454.D\data.ms

(50) Acenaphthylene

14.233min (+ 0.001) 1.35 ng/u1

response 11068

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.20	18.31
153.00	12.80	16.64#
0.00	0.00	0.00

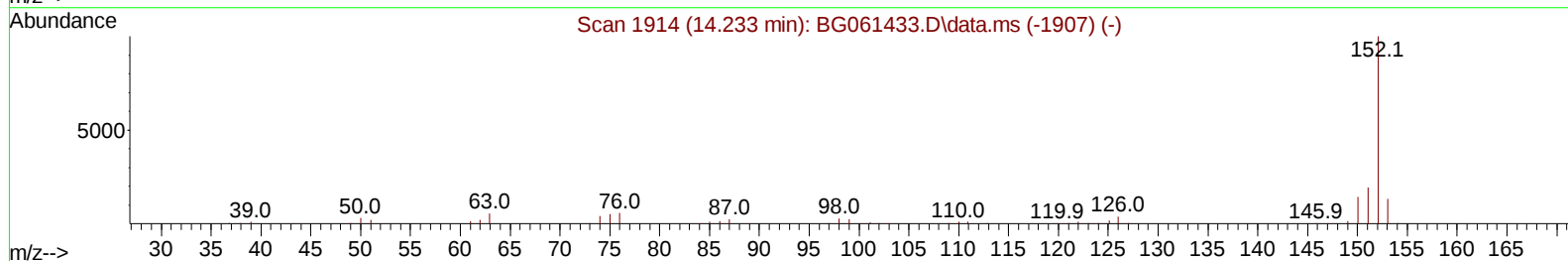
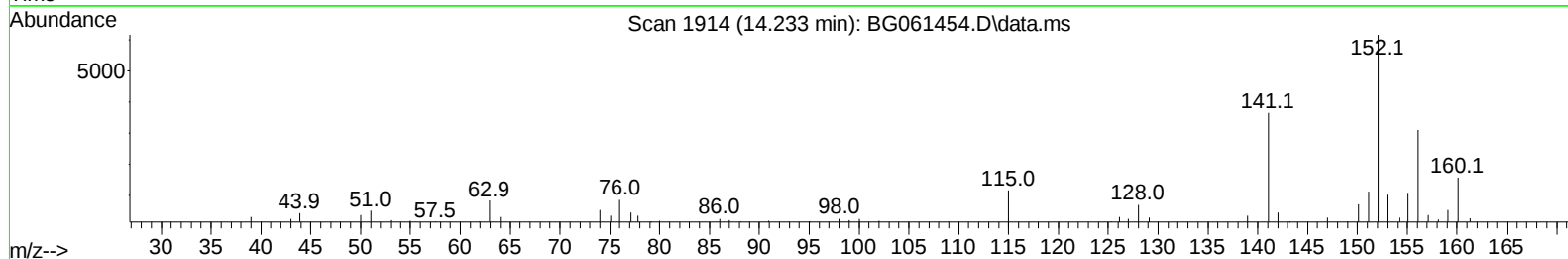
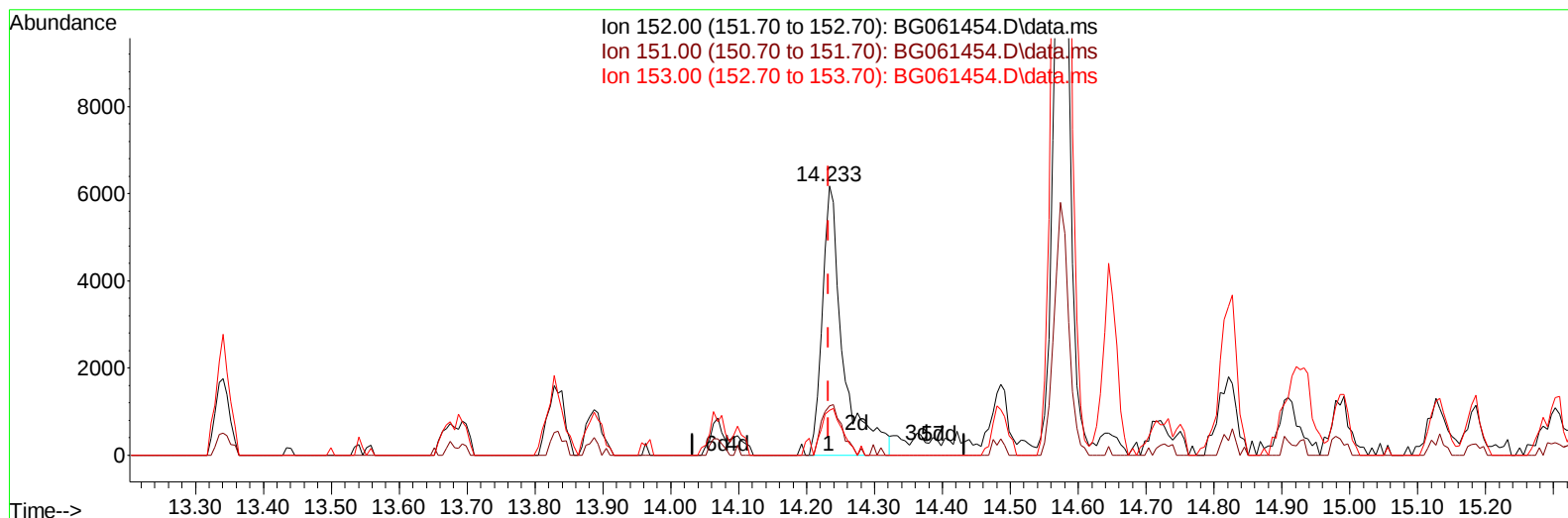
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 Supervised By :mohammad ahmed 06/07/2024



TIC: BG061454.D\data.ms

(50) Acenaphthylene

14.233min (+ 0.001) 1.60 ng/ul m

response 13108

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.20	18.31
153.00	12.80	16.64#
0.00	0.00	0.00

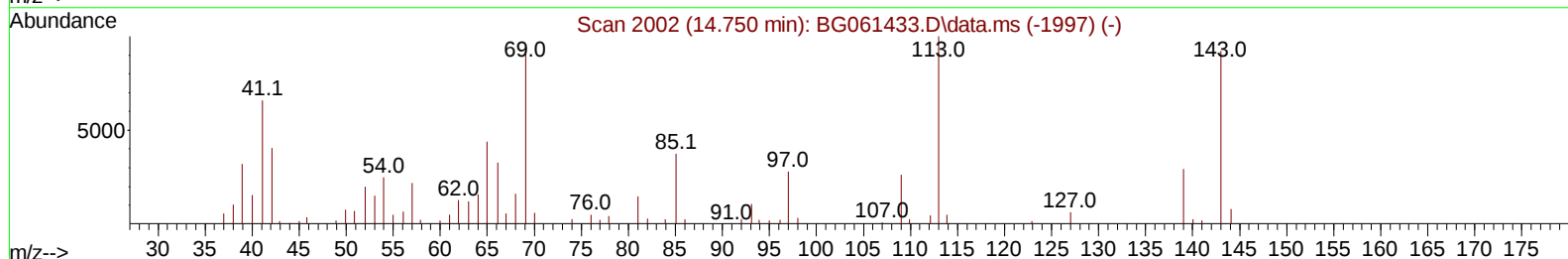
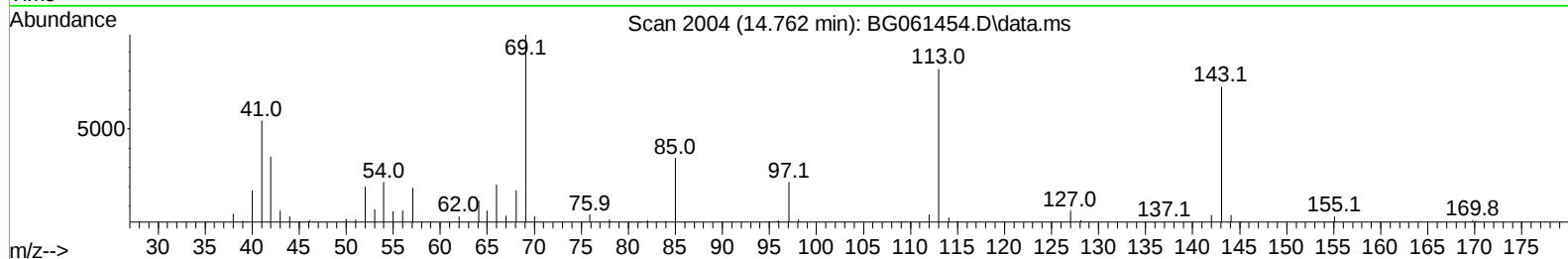
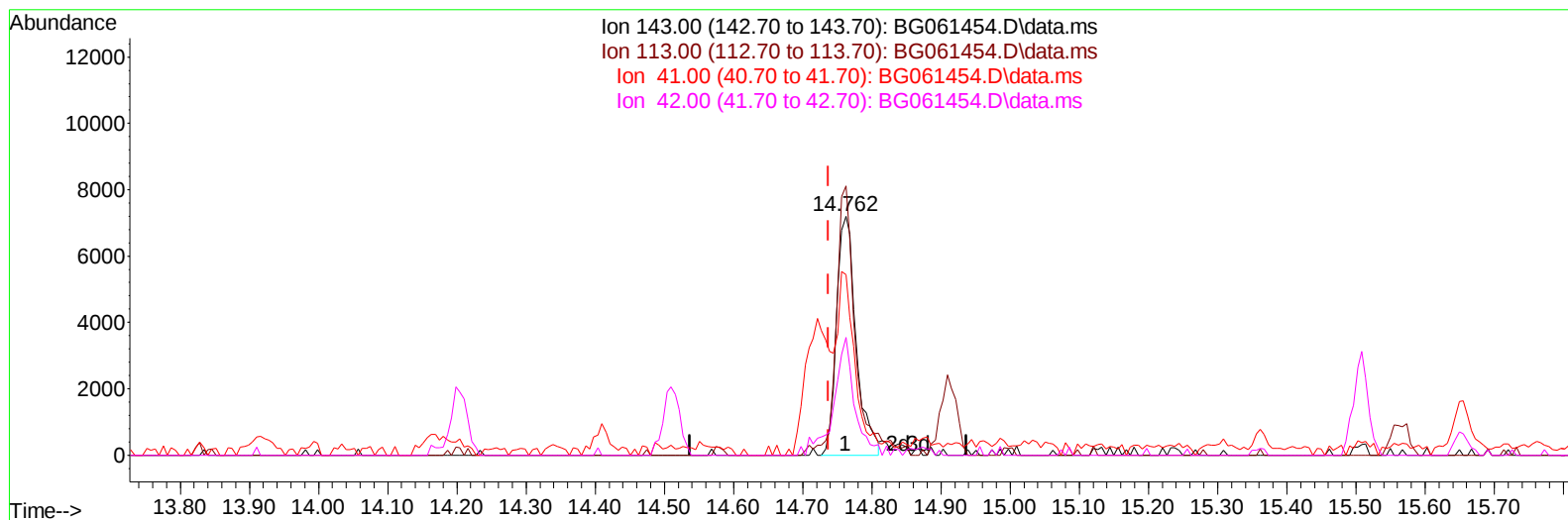
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061454.D
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TIC: BG061454.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.762min (+ 0.025) 16.11 ng/u1

response 14180

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	112.58
41.00	77.10	75.48
42.00	49.50	49.28

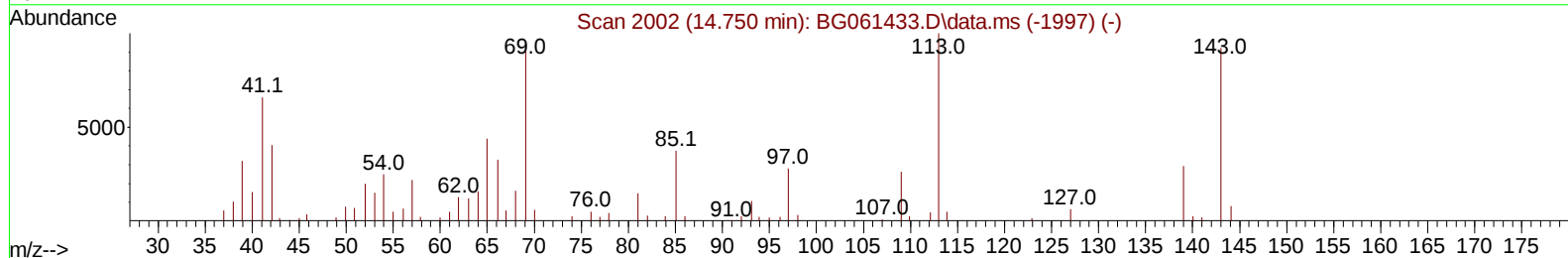
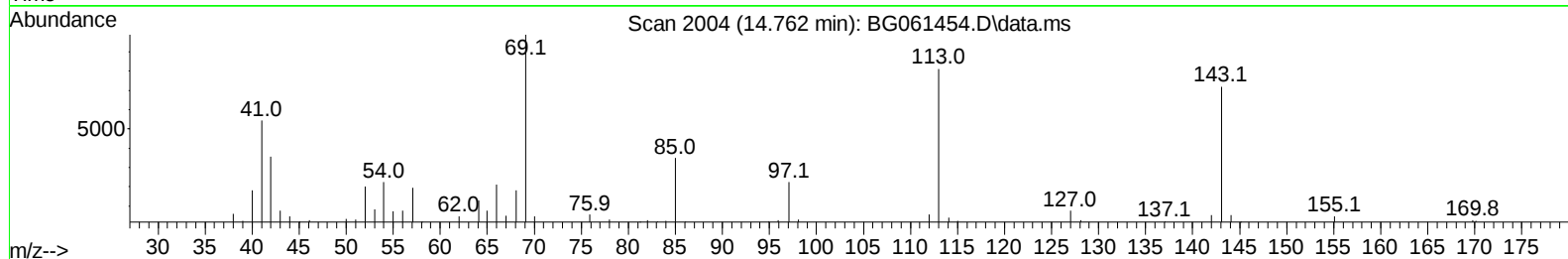
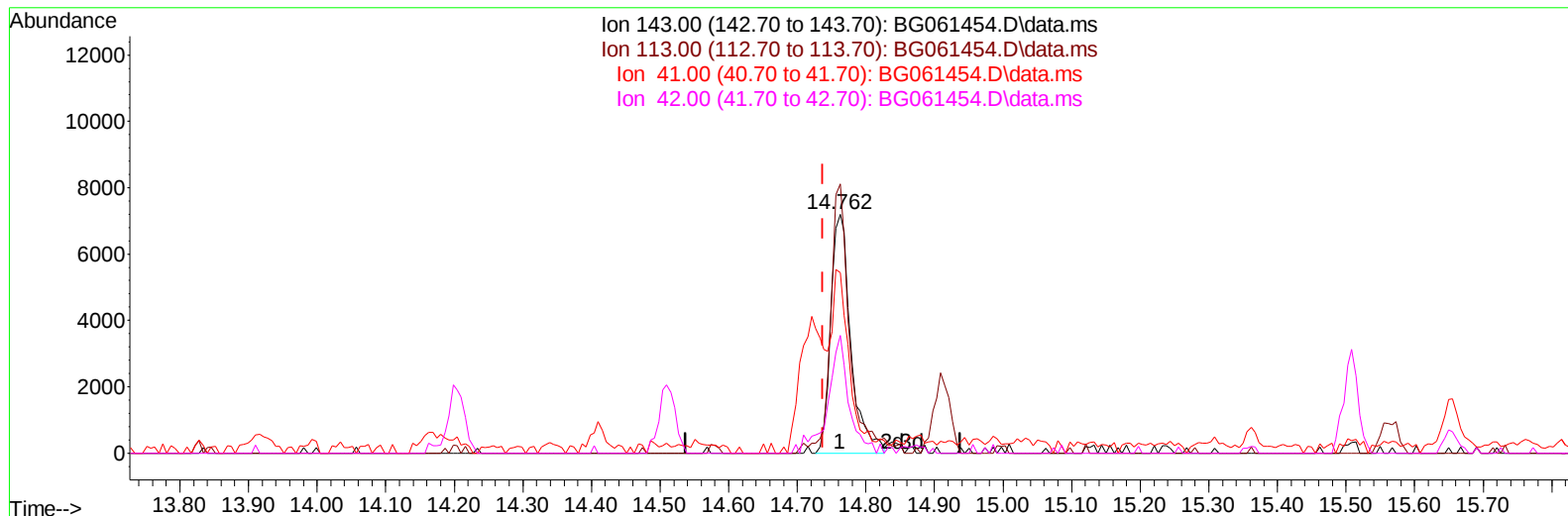
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061454.D
Acq On : 4 Jun 2024 14:07
Operator : MA/JU
Sample : P2590-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL7

Manual IntegrationsAPPROVED

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

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QLast Update : Thu May 30 22:54:48 2024
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TIC: BG061454.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.762min (+ 0.025) 16.49 ng/ul m

response 14519

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	112.58
41.00	77.10	75.48
42.00	49.50	49.28

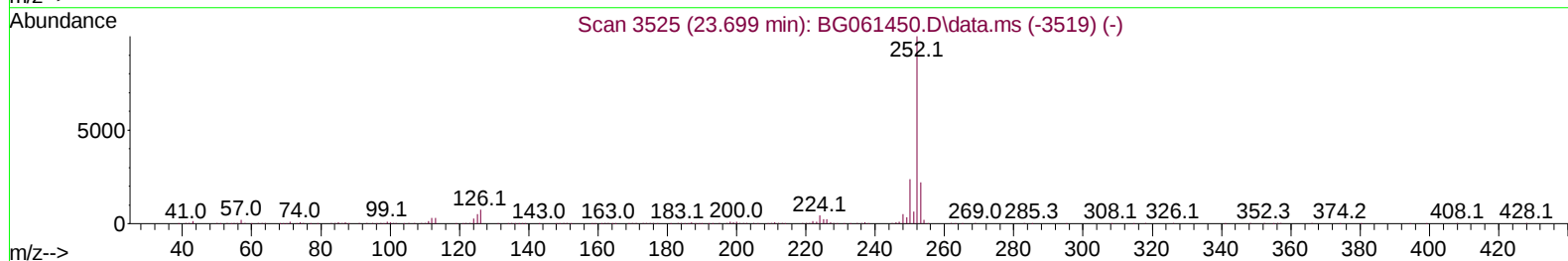
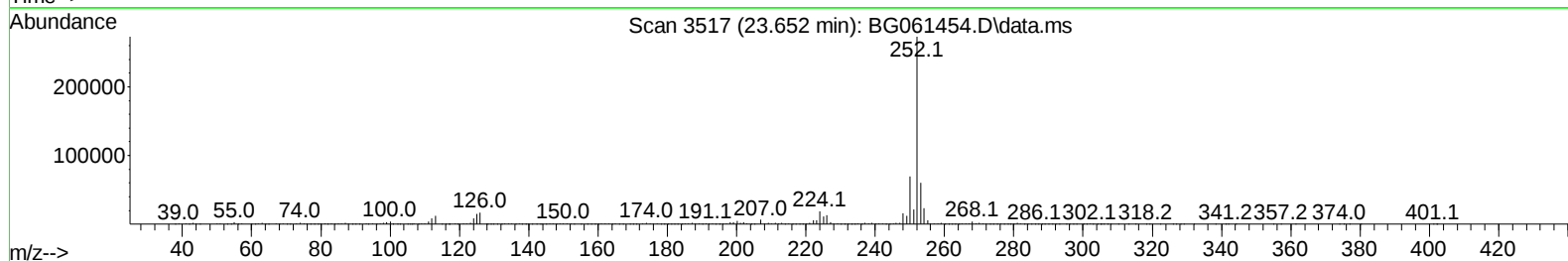
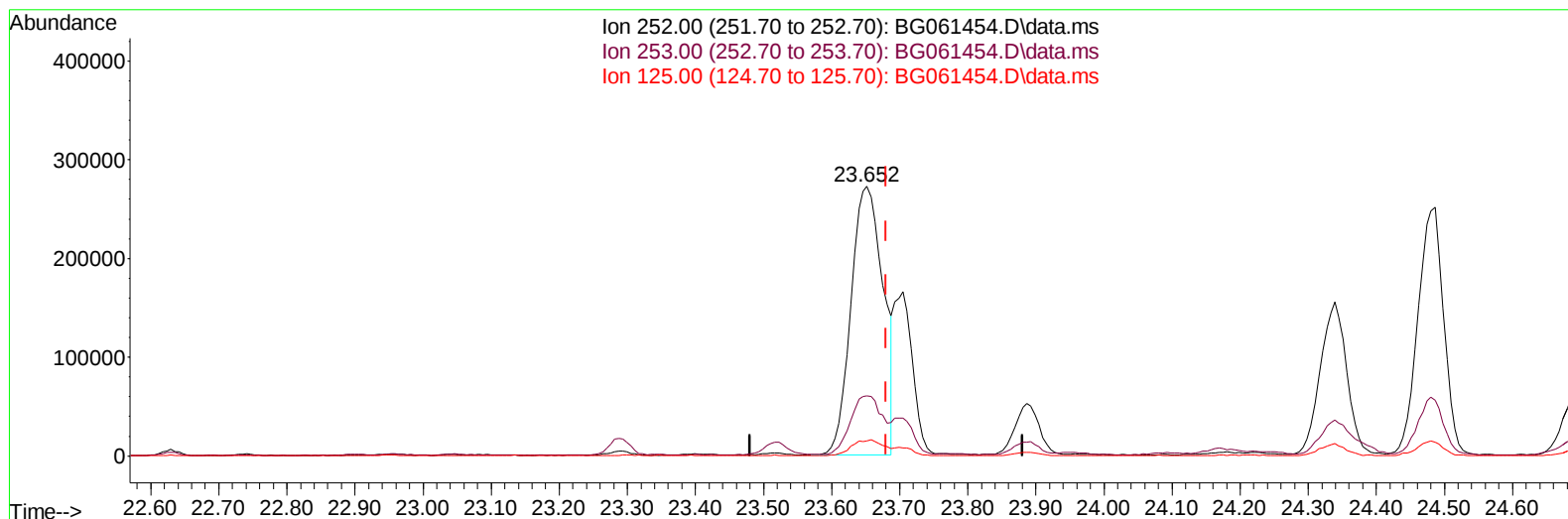
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061454.D
Acq On : 4 Jun 2024 14:07
Operator : MA/JU
Sample : P2590-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL7

Manual IntegrationsAPPROVED

Quant Time: Jun 04 14:59:23 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: BG061454.D\data.ms

(91) Benzo(k)fluoranthene

23.652min (-0.028) 52.95 ng/u1

response 894350

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	22.21
125.00	5.40	5.48
0.00	0.00	0.00

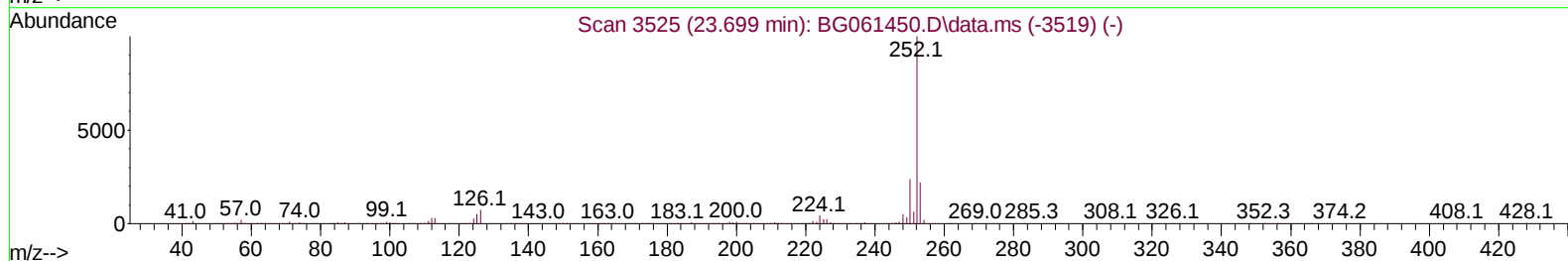
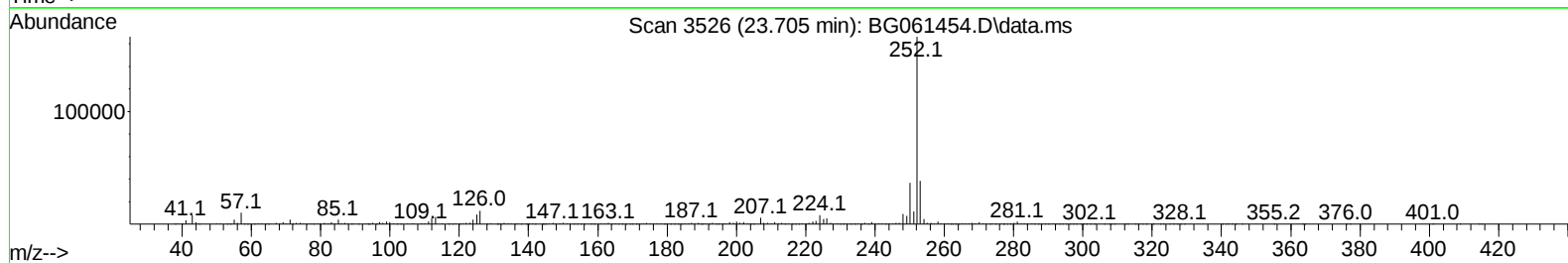
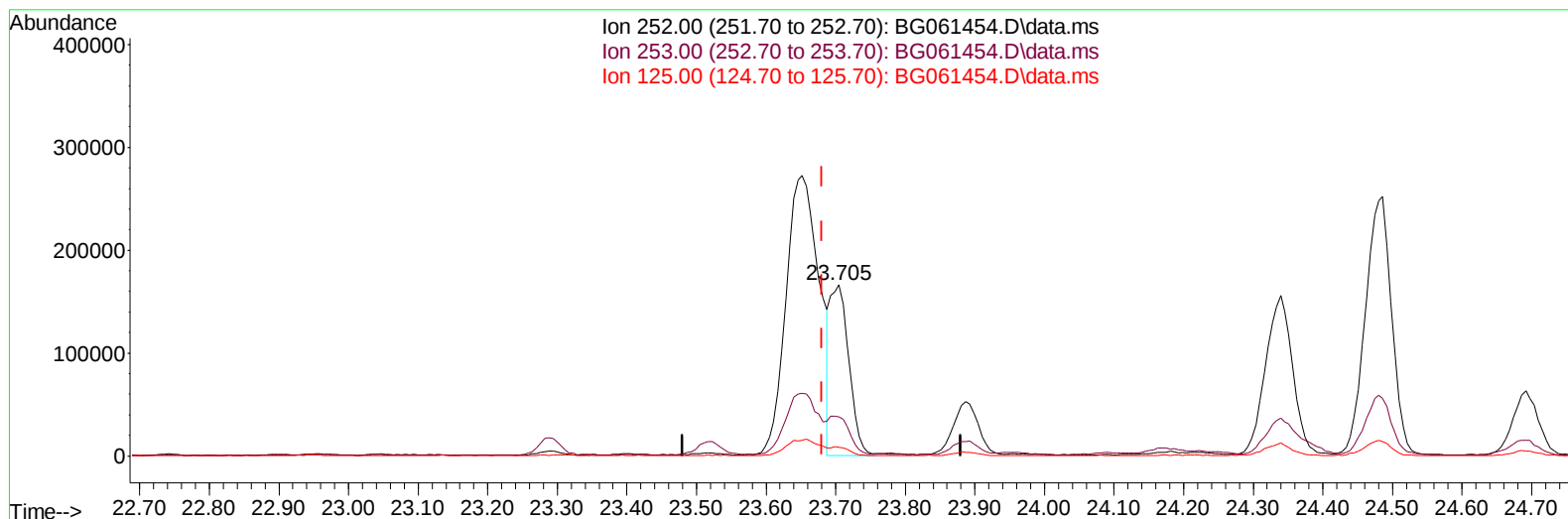
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061454.D
Acq On : 4 Jun 2024 14:07
Operator : MA/JU
Sample : P2590-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL7

Manual IntegrationsAPPROVED

Quant Time: Jun 04 14:59:23 2024
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Supervised By :mohammad ahmed 06/07/2024



TIC: BG061454.D\data.ms

(91) Benzo(k)fluoranthene

23.705min (+ 0.025) 18.36 ng/ul m

response 310057

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	23.04
125.00	5.40	5.06
0.00	0.00	0.00

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 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	26731	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136	114281	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.510	164	91807	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	222989	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.525	240	242221	20.000	ng/ul	0.01
88) Perylene-d12	24.621	264	279424	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	1765	3.695	ng/uL	0.00
4) Pyridine-d5	3.740	84	16379	9.639	ng/ul	0.00
7) Phenol-d5	7.065	99	47009	21.415	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.200	67	29715	21.536	ng/ul	0.00
11) 2-Chlorophenol-d4	7.412	132	38090	23.446	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	39425	21.063	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	21941	24.936	ng/ul	0.00
24) 2-Nitrophenol-d4	9.750	143	24956	24.235	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	50407	25.109	ng/ul	0.00
31) 4-Chloroaniline-d4	10.808	131	33013	12.570	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	168284	23.634	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	180558	24.391	ng/ul	0.00
54) 4-Nitrophenol-d4	14.762	143	14519m	16.493	ng/ul	0.02
60) Fluorene-d10	15.508	176	147924	24.063	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.655	200	24481	18.152	ng/ul	0.02
73) Anthracene-d10	17.365	188	254516	25.889	ng/ul	0.00
81) Pyrene-d10	19.662	212	324150	26.063	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.410	264	356787	26.559	ng/ul	0.02
Target Compounds						
					Qvalue	
30) Naphthalene	10.720	128	30707	5.091	ng/ul	99
36) 2-Methylnaphthalene	12.330	142	22958	5.248	ng/ul	93
37) 1-Methylnaphthalene	12.547	142	19043	4.242	ng/ul	90
43) 1,1'-Biphenyl	13.340	154	8833	1.488	ng/ul#	85
50) Acenaphthylene	14.233	152	13108m	1.597	ng/ul	
52) Acenaphthene	14.574	153	46909	8.711	ng/ul	99
56) Dibenzofuran	14.909	168	62869	8.166	ng/ul	96
61) Fluorene	15.561	166	72193	10.837	ng/ul	98
72) Phenanthrene	17.312	178	1175007	108.566	ng/ul	98
74) Anthracene	17.400	178	256101	22.886	ng/ul	99
77) Carbazole	17.671	167	82496	9.064	ng/ul	98
80) Fluoranthene	19.327	202	1615712	108.293	ng/ul	99
82) Pyrene	19.692	202	1450480	93.659	ng/ul	100
85) Benzo(a)anthracene	21.507	228	803703	48.087	ng/ul	96
87) Chrysene	21.572	228	761879	49.507	ng/ul	96
90) Benzo(b)fluoranthene	23.652	252	894350	53.757	ng/ul	100
91) Benzo(k)fluoranthene	23.705	252	310057m	18.358	ng/ul	
93) Benzo(a)pyrene	24.486	252	654977	41.460	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.147	276	432523	22.640	ng/ul	98
95) Dibenzo(a,h)anthracene	28.164	278	114877	7.293	ng/ul#	89
96) Benzo(g,h,i)perylene	29.233	276	357339	23.512	ng/ul	97

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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