

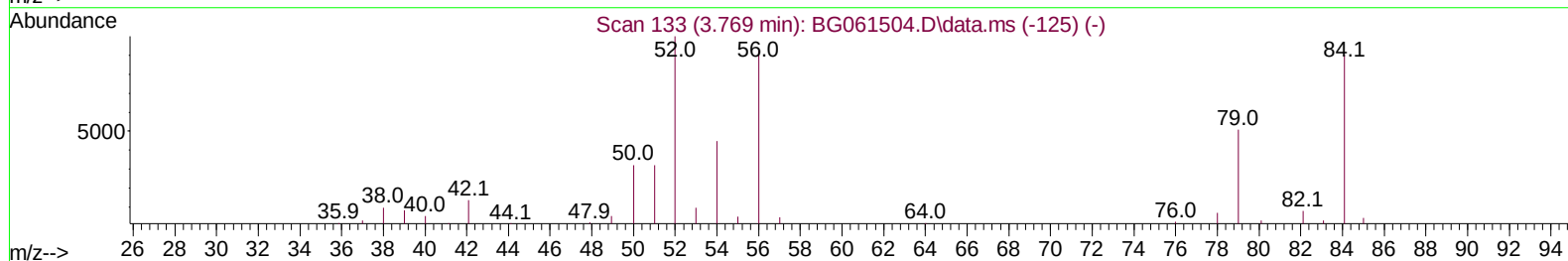
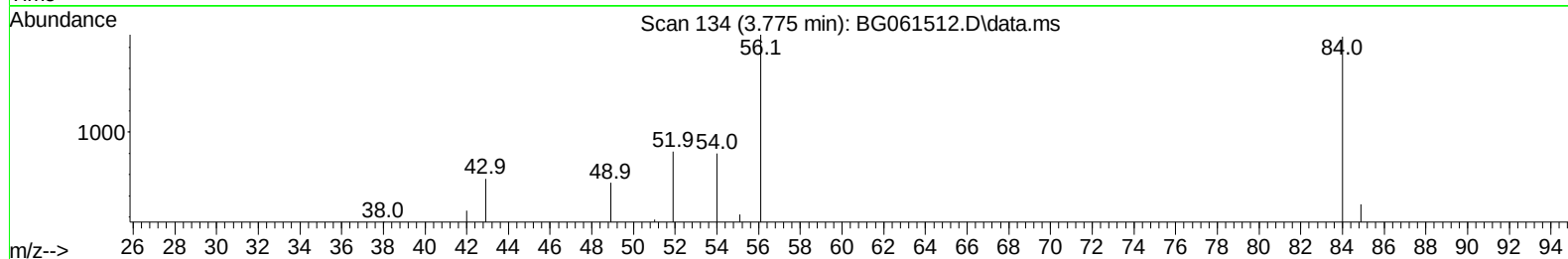
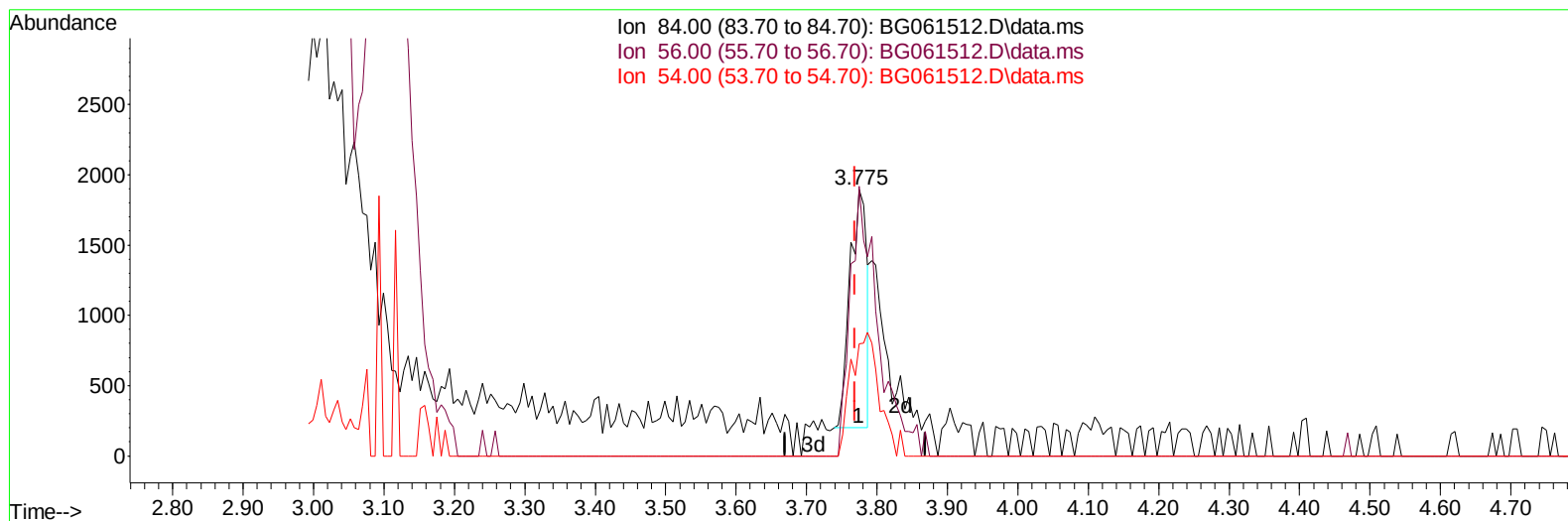
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061512.D
Acq On : 6 Jun 2024 16:19
Operator : MA/JU
Sample : P2635-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBZ2

Manual IntegrationsAPPROVED

Quant Time: Jun 06 17:21:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



TIC: BG061512.D\data.ms

(4) Pyridine-d5 (S)

3.775min (+ 0.005) 1.32 ng/u1

response 2794

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	106.50	101.05
54.00	57.50	42.01#
0.00	0.00	0.00

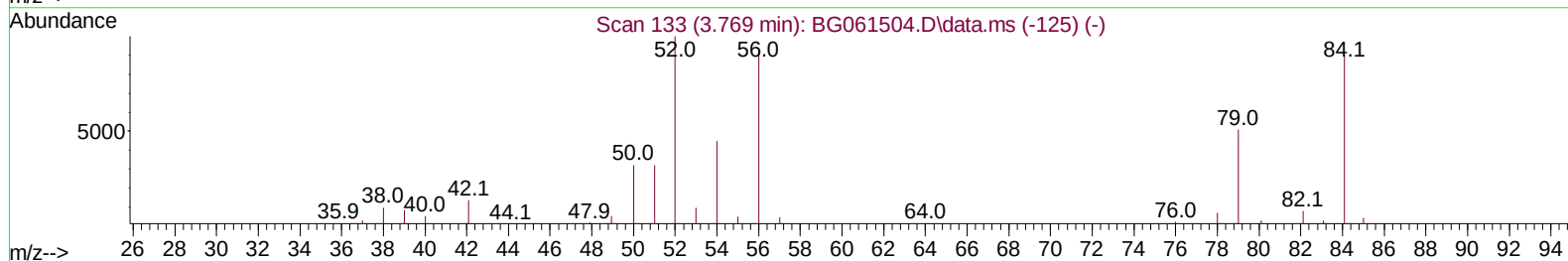
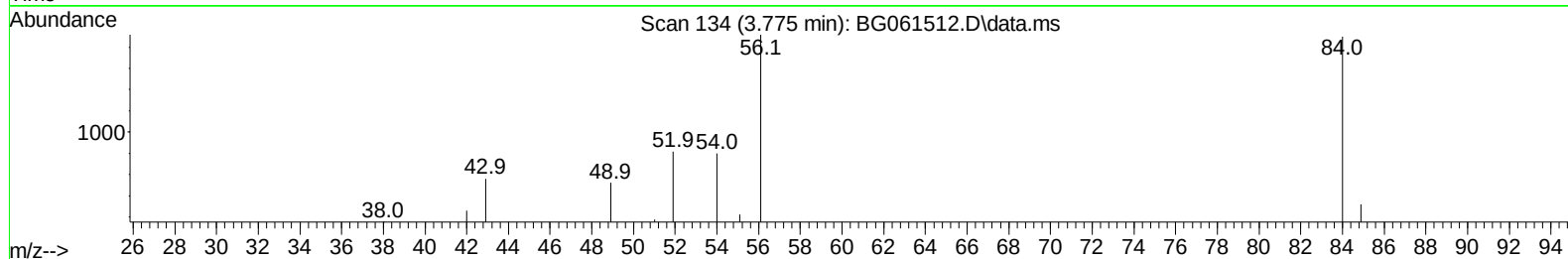
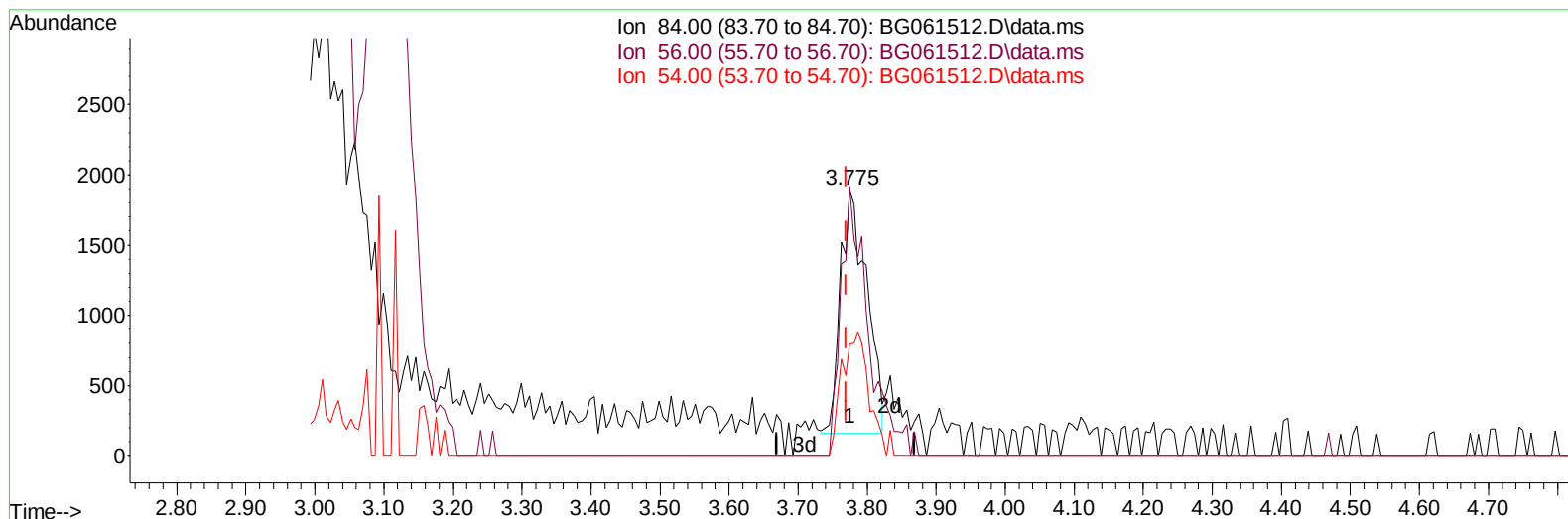
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
 Data File : BG061512.D
 Acq On : 6 Jun 2024 16:19
 Operator : MA/JU
 Sample : P2635-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jun 06 17:21:00 2024
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 12:15:45 2024
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TIC: BG061512.D\data.ms

(4) Pyridine-d5 (S)

3.775min (+ 0.005) 2.17 ng/ul m

response 4573

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	106.50	101.05
54.00	57.50	42.01#
0.00	0.00	0.00

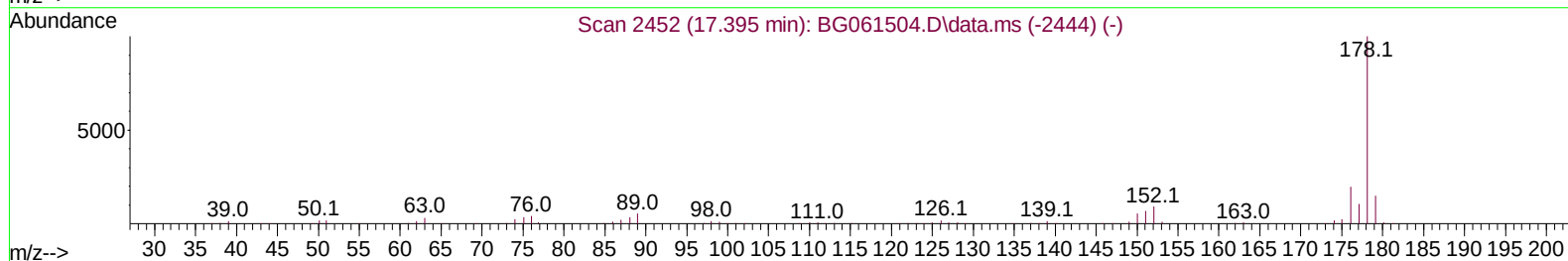
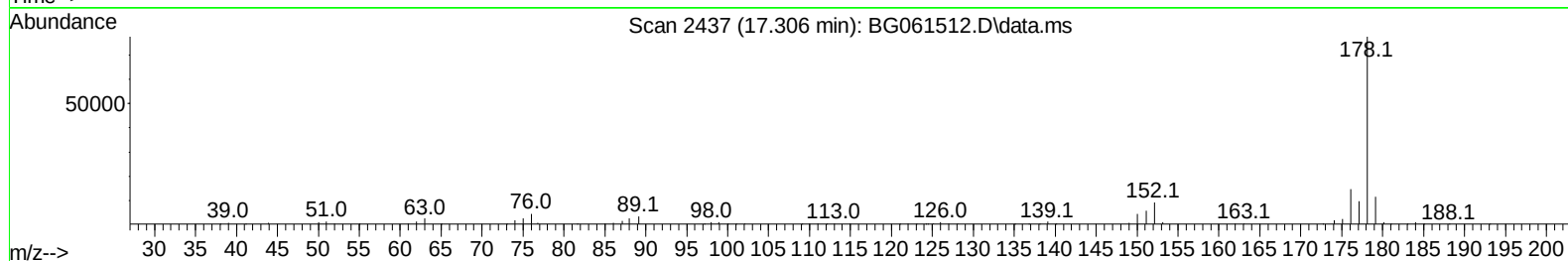
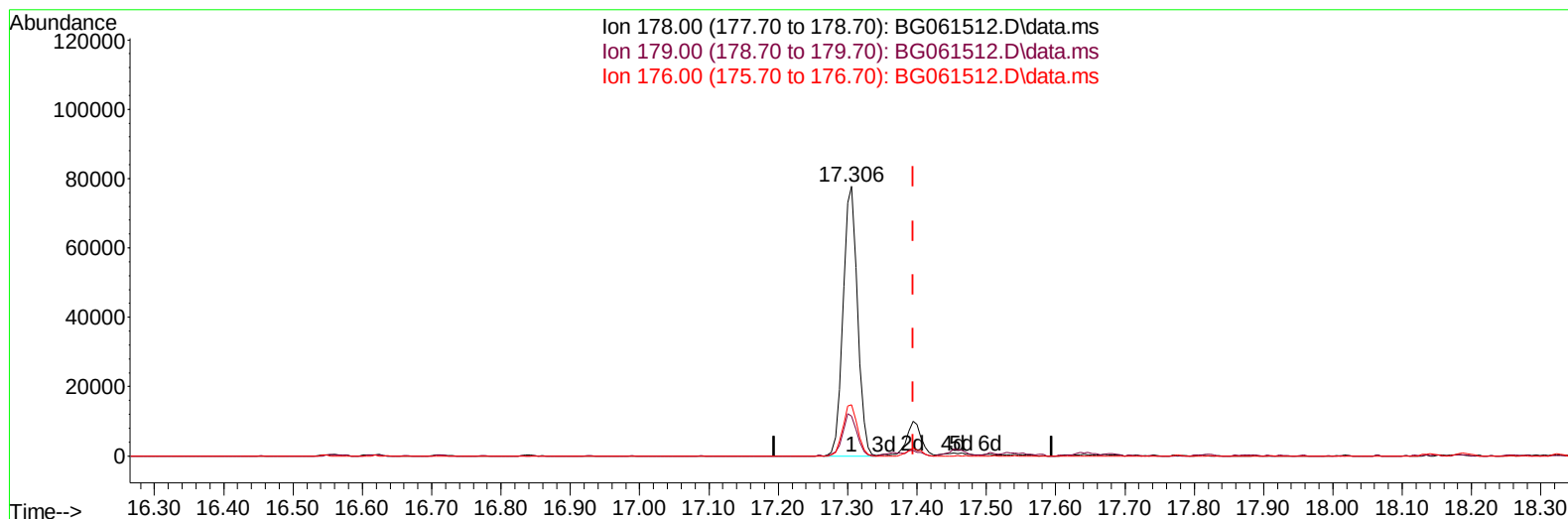
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061512.D
Acq On : 6 Jun 2024 16:19
Operator : MA/JU
Sample : P2635-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBZ2

Manual IntegrationsAPPROVED

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TIC: BG061512.D\data.ms

(74) Anthracene

17.306min (-0.089) 11.78 ng/u1

response 112629

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.70	14.86
176.00	18.60	18.92
0.00	0.00	0.00

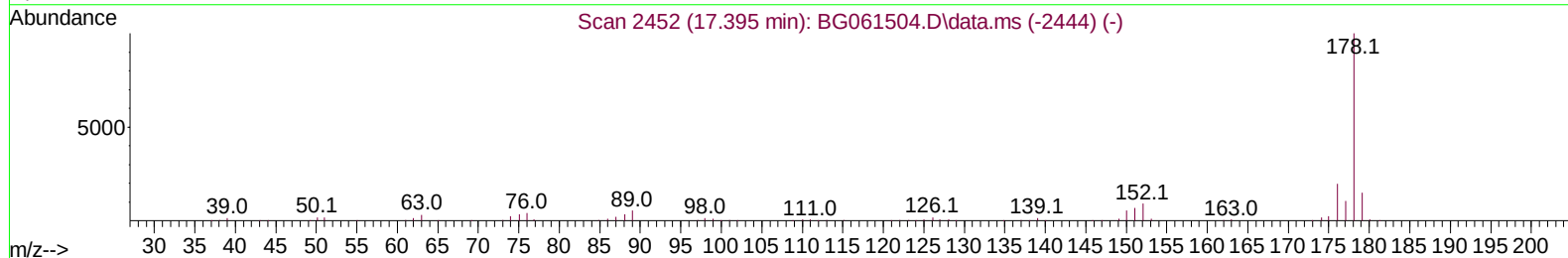
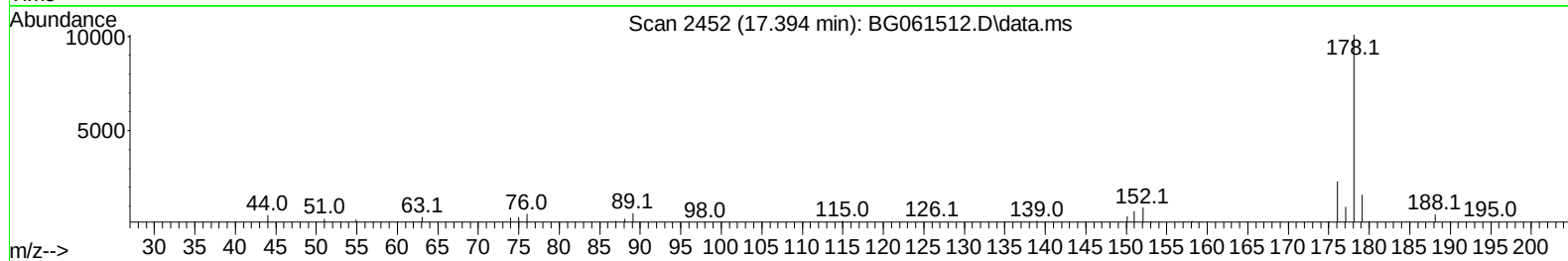
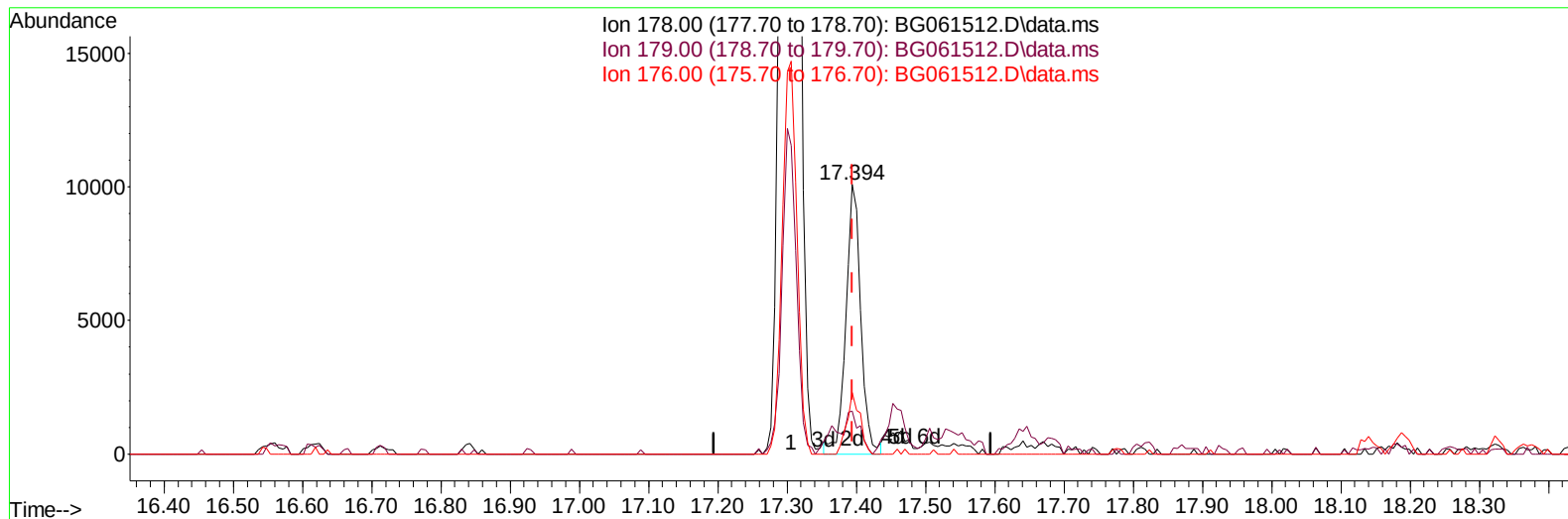
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061512.D
Acq On : 6 Jun 2024 16:19
Operator : MA/JU
Sample : P2635-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBZ2

Manual IntegrationsAPPROVED

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TIC: BG061512.D\data.ms

(74) Anthracene

17.394min (-0.000) 1.57 ng/ul m

response 15027

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.70	15.93
176.00	18.60	22.86#
0.00	0.00	0.00

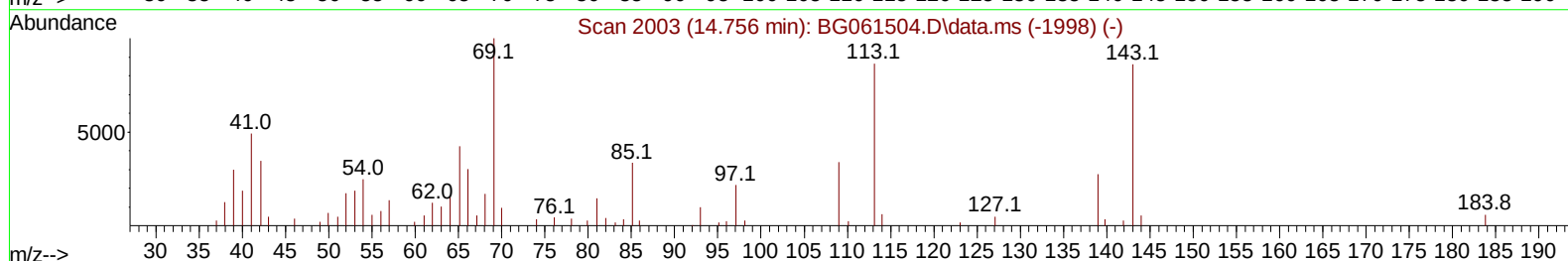
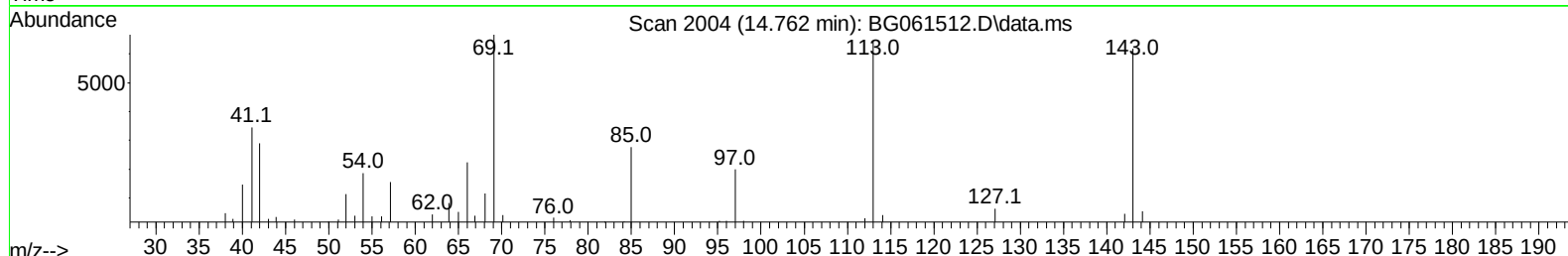
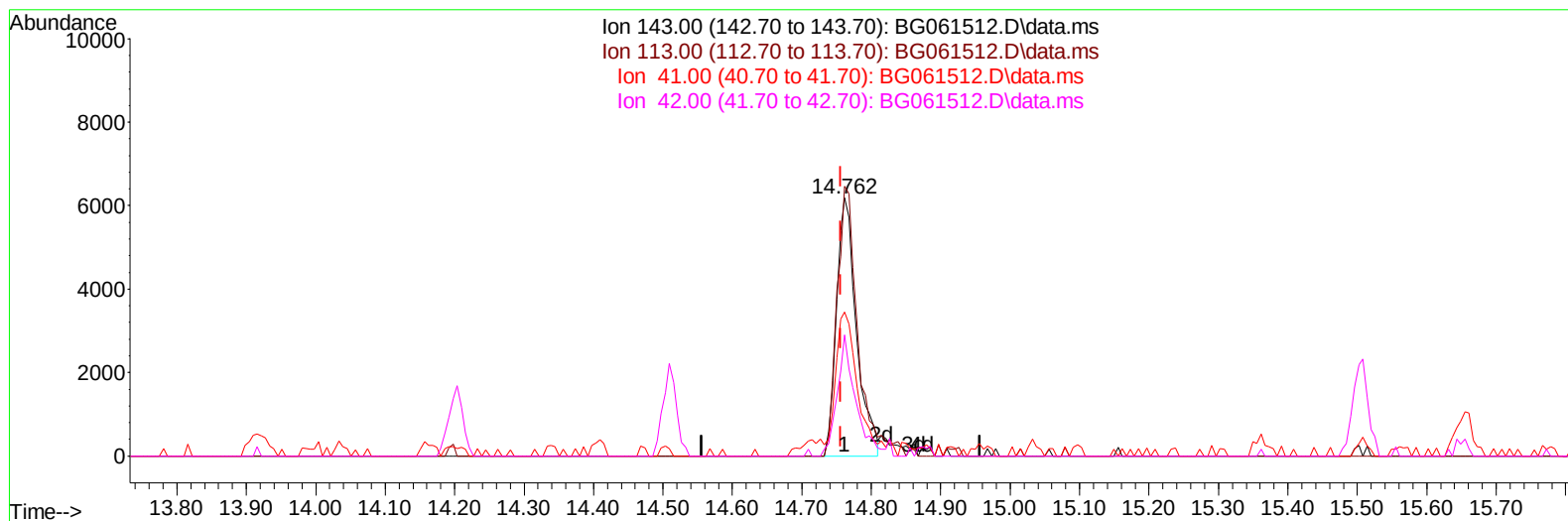
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061512.D
Acq On : 6 Jun 2024 16:19
Operator : MA/JU
Sample : P2635-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBZ2

Manual IntegrationsAPPROVED

Quant Time: Jun 06 17:24:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
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TIC: BG061512.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.762min (+ 0.005) 15.23 ng/ul

response 12359

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	104.38
41.00	77.10	55.69#
42.00	49.50	46.78

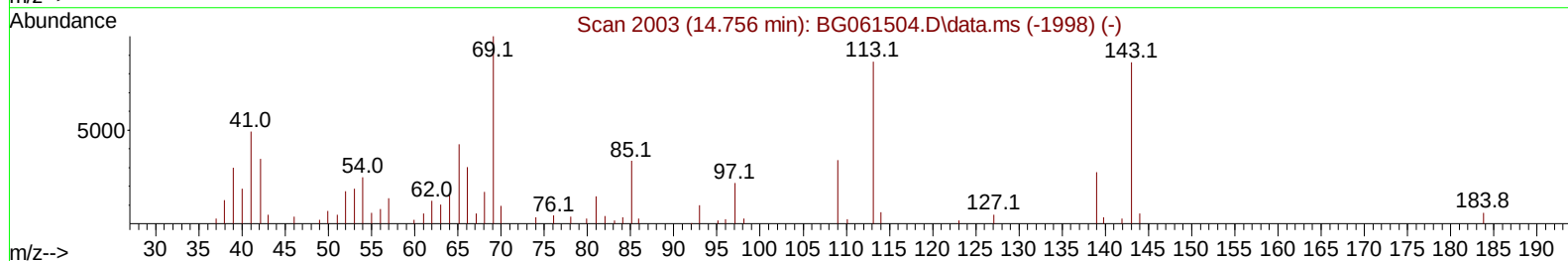
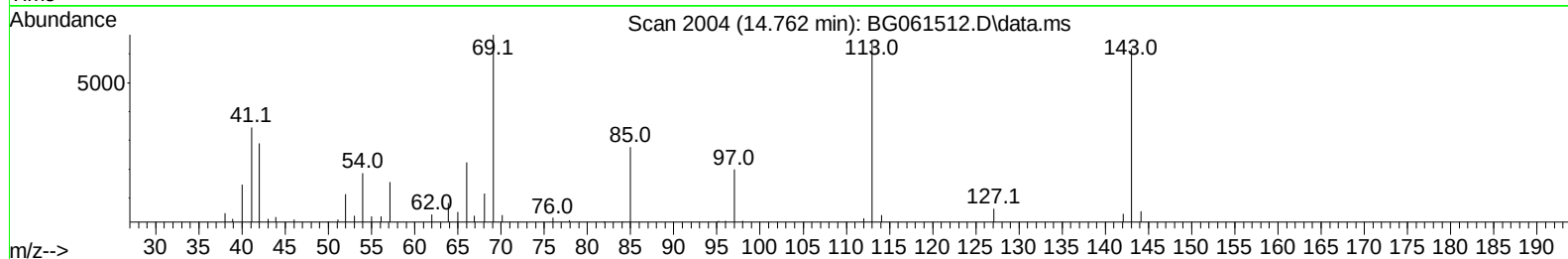
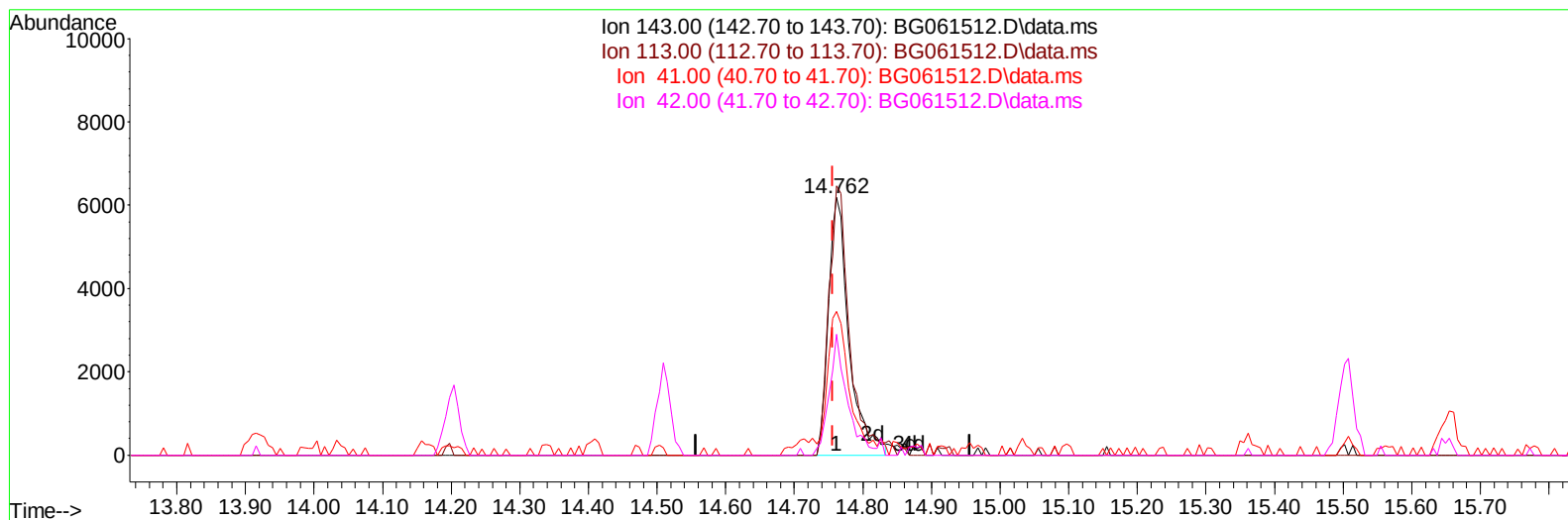
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061512.D
Acq On : 6 Jun 2024 16:19
Operator : MA/JU
Sample : P2635-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBZ2

Manual IntegrationsAPPROVED

Quant Time: Jun 06 17:24:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/07/2024
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TIC: BG061512.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.762min (+ 0.005) 15.85 ng/ul m

response 12858

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	104.38
41.00	77.10	55.69#
42.00	49.50	46.78

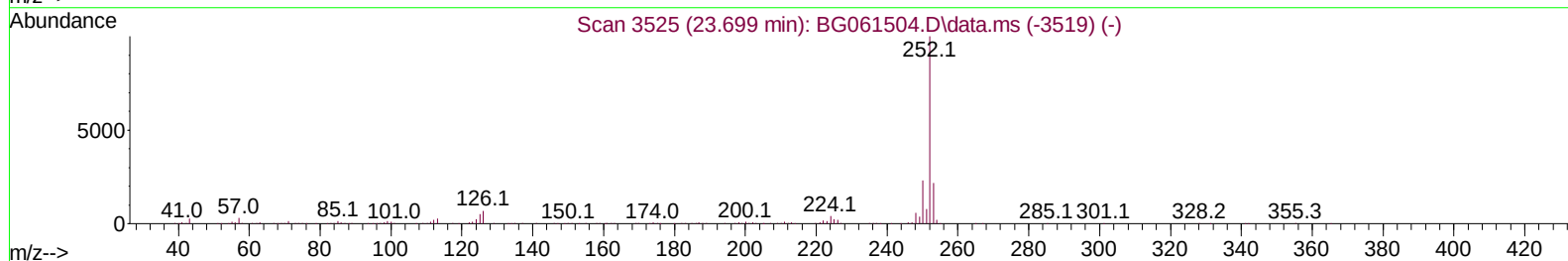
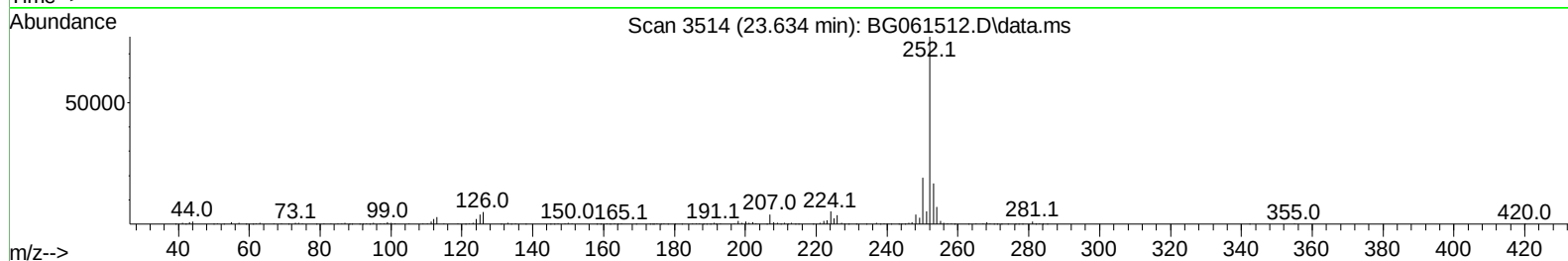
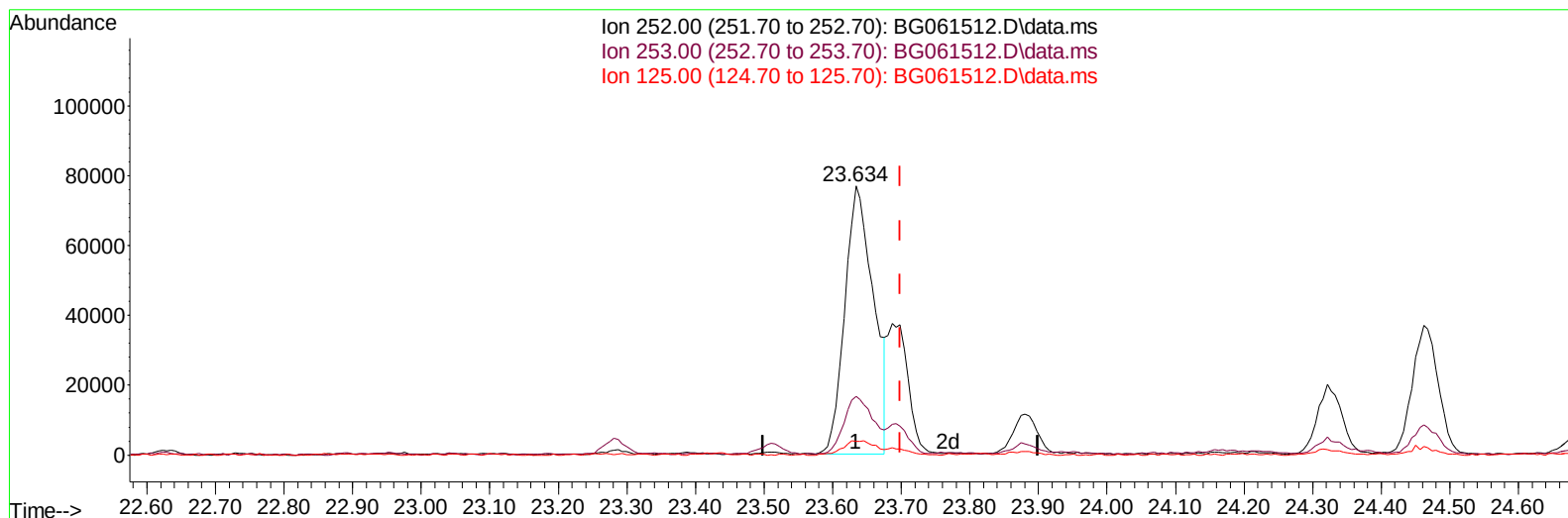
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061512.D
Acq On : 6 Jun 2024 16:19
Operator : MA/JU
Sample : P2635-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBZ2

Manual IntegrationsAPPROVED

Quant Time: Jun 06 17:21:00 2024
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TIC: BG061512.D\data.ms

(91) Benzo(k)fluoranthene

23.634min (-0.065) 15.41 ng/u l

response 223452

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	21.76
125.00	5.40	5.15
0.00	0.00	0.00

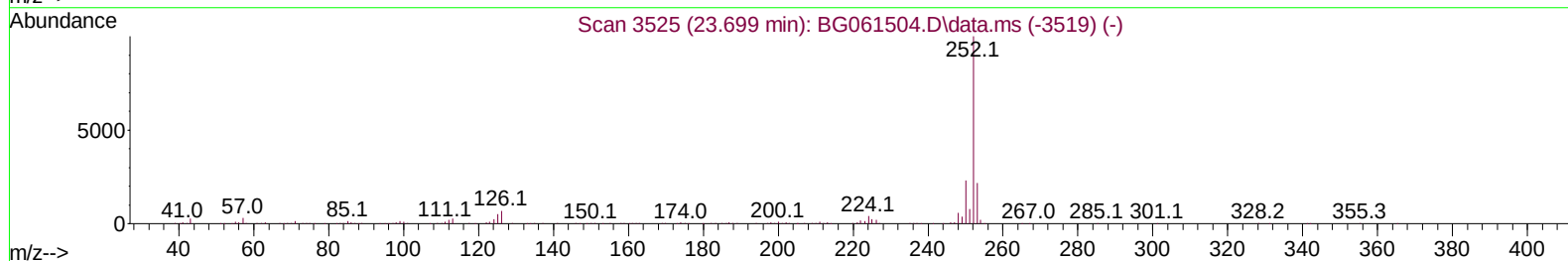
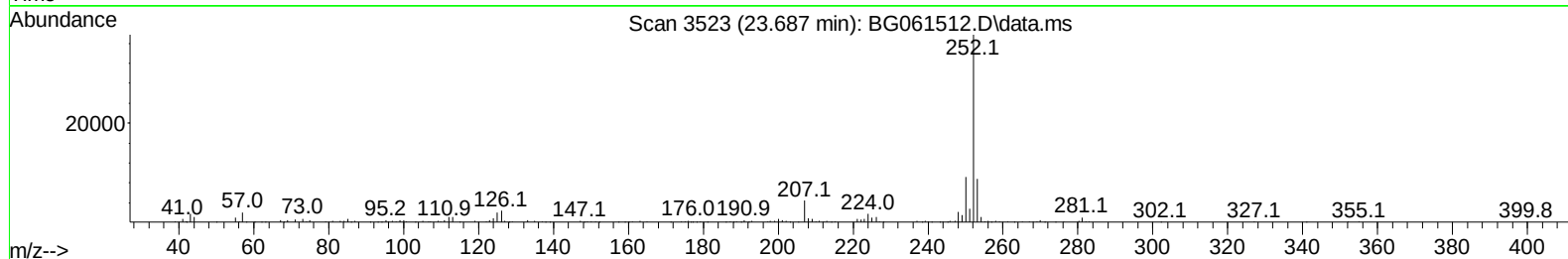
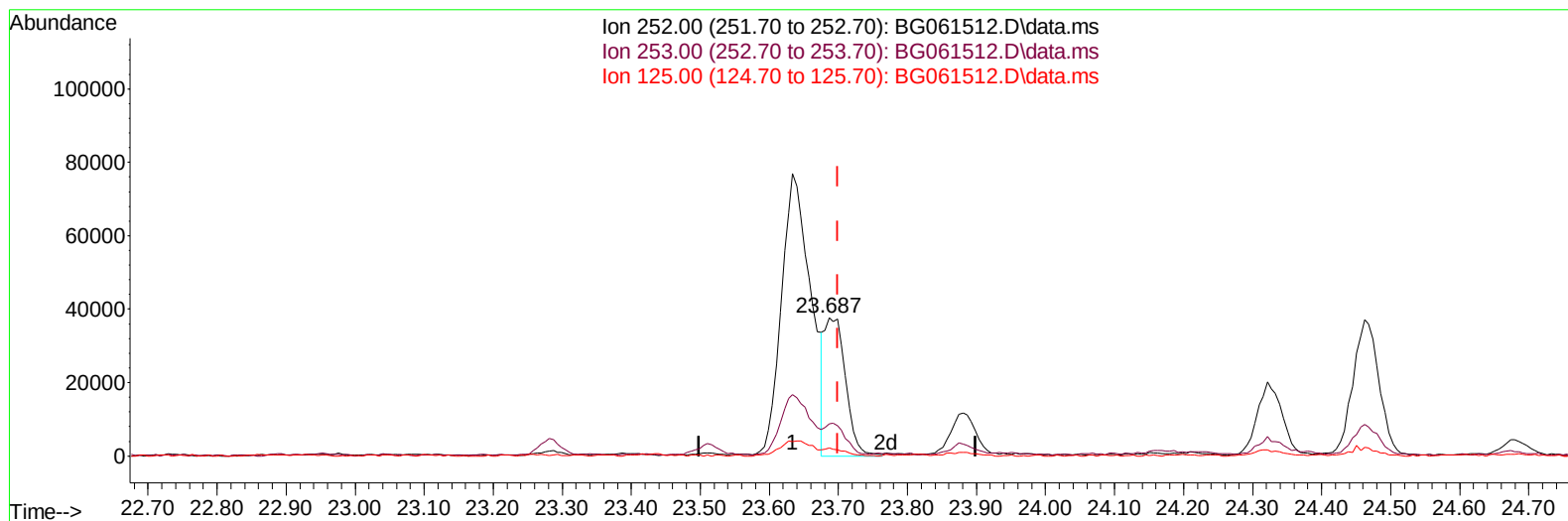
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061512.D
Acq On : 6 Jun 2024 16:19
Operator : MA/JU
Sample : P2635-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBZ2

Manual IntegrationsAPPROVED

Quant Time: Jun 06 17:21:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
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Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



TIC: BG061512.D\data.ms

(91) Benzo(k)fluoranthene

23.687min (-0.012) 5.49 ng/ul m

response 79668

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	23.29
125.00	5.40	5.57
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
 Data File : BG061512.D
 Acq On : 6 Jun 2024 16:19
 Operator : MA/JU
 Sample : P2635-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBZ2

Manual IntegrationsAPPROVED

Quant Time: Jun 06 23:25:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 12:15:45 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/07/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.882	152	33201	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136	121444	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.509	164	84614	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	190501	20.000	ng/ul	0.00
79) Chrysene-d12	21.519	240	207522	20.000	ng/ul	0.00
88) Perylene-d12	24.609	264	239966	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	1924	3.243	ng/uL	0.02
4) Pyridine-d5	3.775	84	4573m	2.167	ng/ul	0.00
7) Phenol-d5	7.071	99	48392	17.749	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.212	67	30892	18.026	ng/ul	0.00
11) 2-Chlorophenol-d4	7.417	132	40983	20.311	ng/ul	0.00
15) 4-Methylphenol-d8	8.598	113	35923	15.452	ng/ul	0.00
21) Nitrobenzene-d5	9.033	128	20852	22.301	ng/ul	0.00
24) 2-Nitrophenol-d4	9.756	143	23475	21.452	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.308	165	45508	21.331	ng/ul	0.00
31) 4-Chloroaniline-d4	10.808	131	32308	11.576	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	140882	21.468	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	149808	21.958	ng/ul	0.00
54) 4-Nitrophenol-d4	14.762	143	12858m	15.848	ng/ul	0.00
60) Fluorene-d10	15.508	176	119320	21.060	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	15163	13.160	ng/ul	0.00
73) Anthracene-d10	17.359	188	191110	22.755	ng/ul	0.00
81) Pyrene-d10	19.656	212	212800	19.971	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.398	264	193063	16.735	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.698	105	4916	1.239	ng/ul#	83
50) Acenaphthylene	14.233	152	9165	1.211	ng/ul#	96
72) Phenanthrene	17.306	178	112629	12.181	ng/ul	98
74) Anthracene	17.394	178	15027m	1.572	ng/ul	
77) Carbazole	17.670	167	9168	1.179	ng/ul#	89
80) Fluoranthene	19.321	202	291209	22.782	ng/ul	99
82) Pyrene	19.685	202	240392	18.118	ng/ul	98
85) Benzo(a)anthracene	21.501	228	164358	11.478	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.407	149	13730	2.035	ng/ul#	90
87) Chrysene	21.566	228	178161	13.513	ng/ul	95
90) Benzo(b)fluoranthene	23.634	252	223452	15.640	ng/ul	99
91) Benzo(k)fluoranthene	23.687	252	79668m	5.493	ng/ul	
93) Benzo(a)pyrene	24.462	252	97309	7.173	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.111	276	83111	5.066	ng/ul	98
95) Dibenzo(a,h)anthracene	28.158	278	29372	2.171	ng/ul	97

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

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Manual IntegrationsAPPROVED

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