

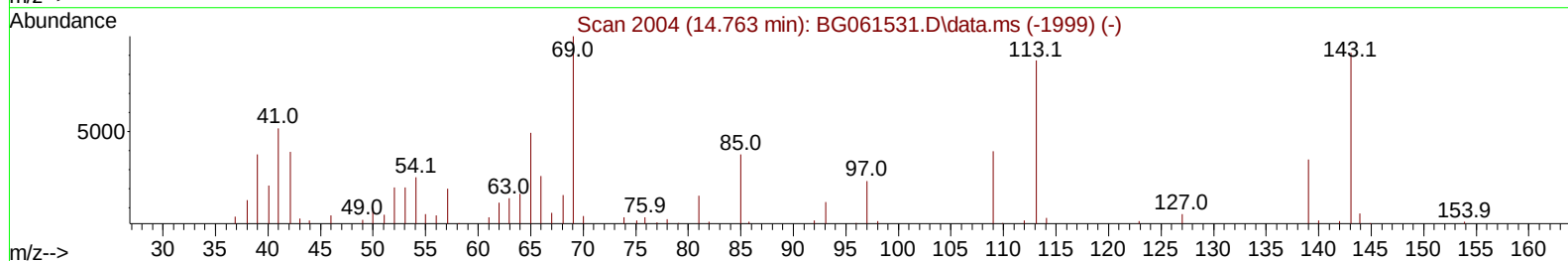
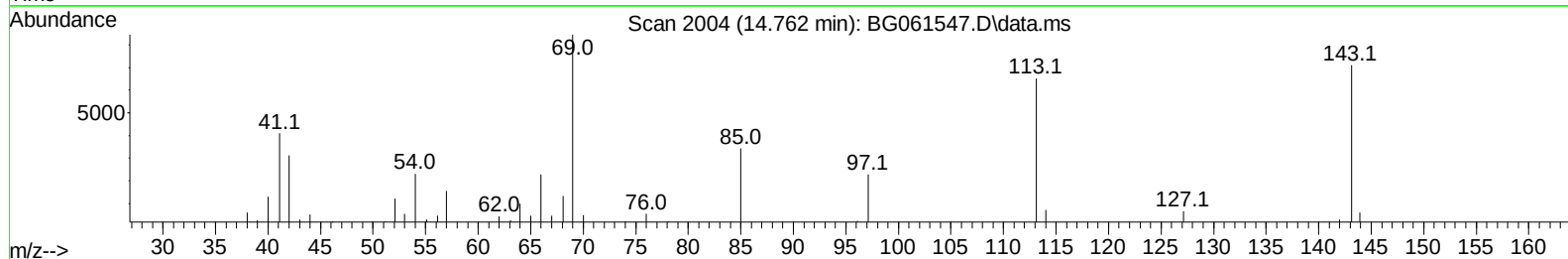
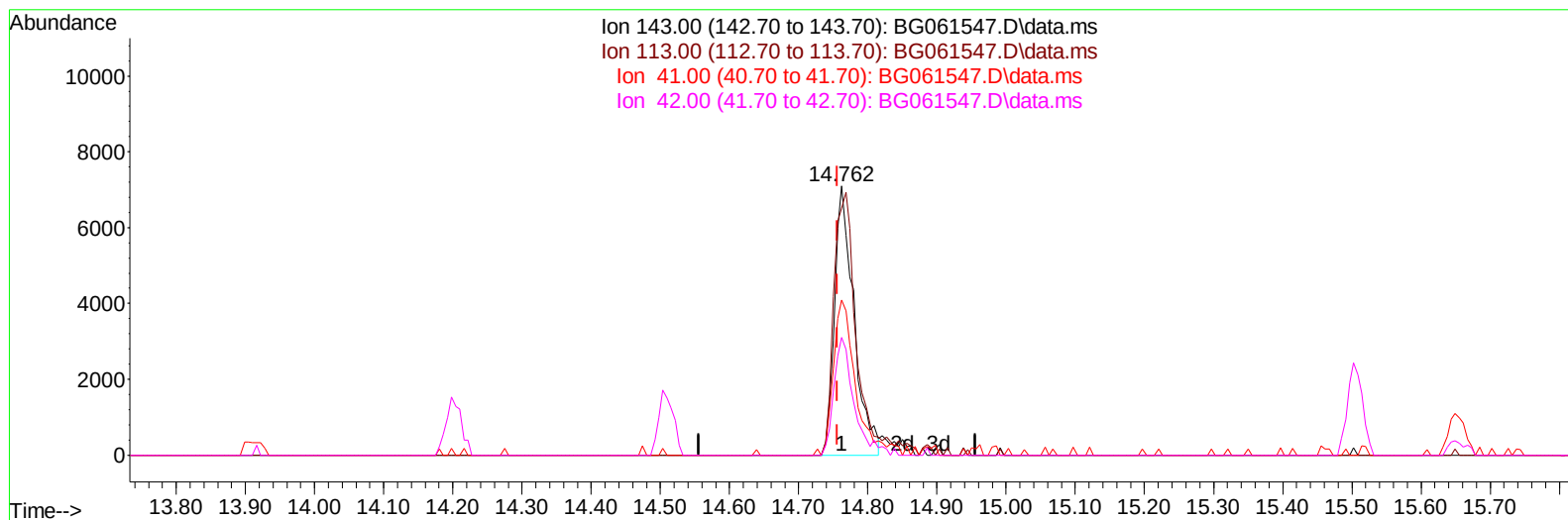
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061547.D
Acq On : 8 Jun 2024 00:27
Operator : MA/JU
Sample : P2640-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C35

Manual IntegrationsAPPROVED

Quant Time: Jun 08 01:10:37 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 :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061547.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.762min (+ 0.006) 20.87 ng/ul

response 13811

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	91.91#
41.00	77.10	57.75#
42.00	49.50	43.83

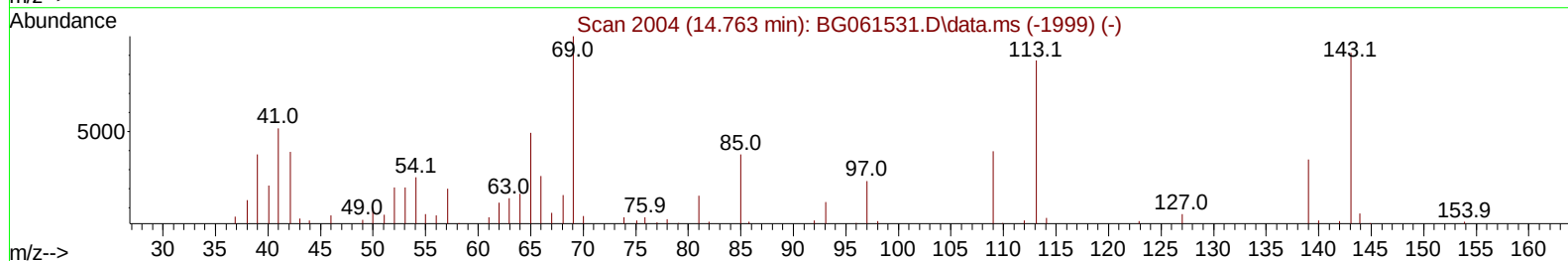
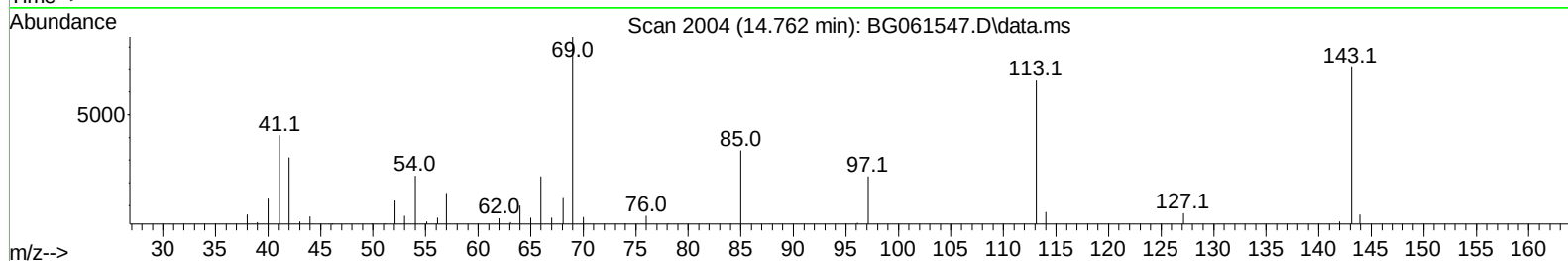
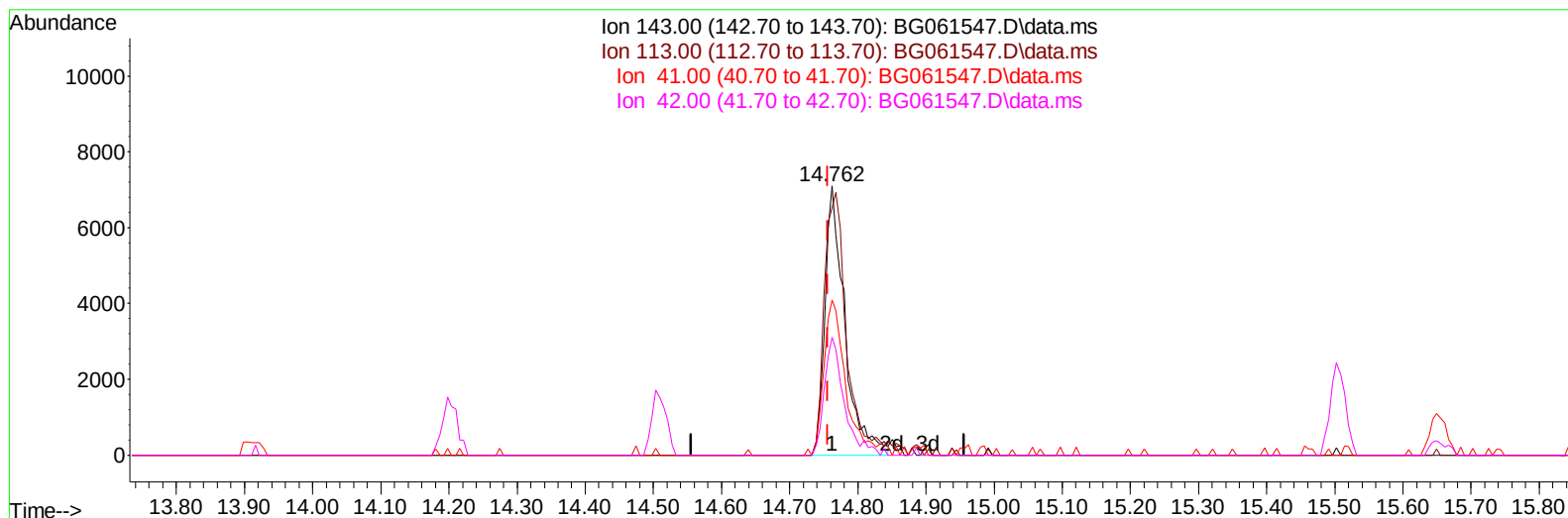
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061547.D
Acq On : 8 Jun 2024 00:27
Operator : MA/JU
Sample : P2640-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jun 08 01:10:37 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
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Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061547.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.762min (+ 0.006) 21.80 ng/ul m

response 14430

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	91.91#
41.00	77.10	57.75#
42.00	49.50	43.83

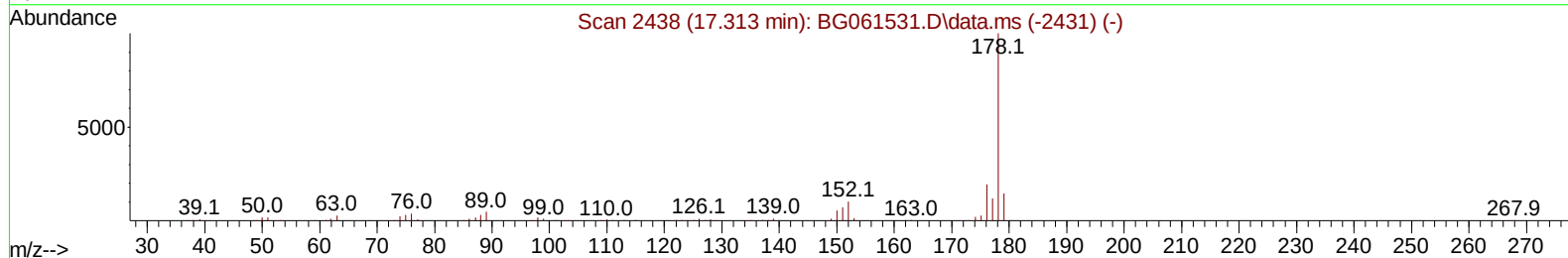
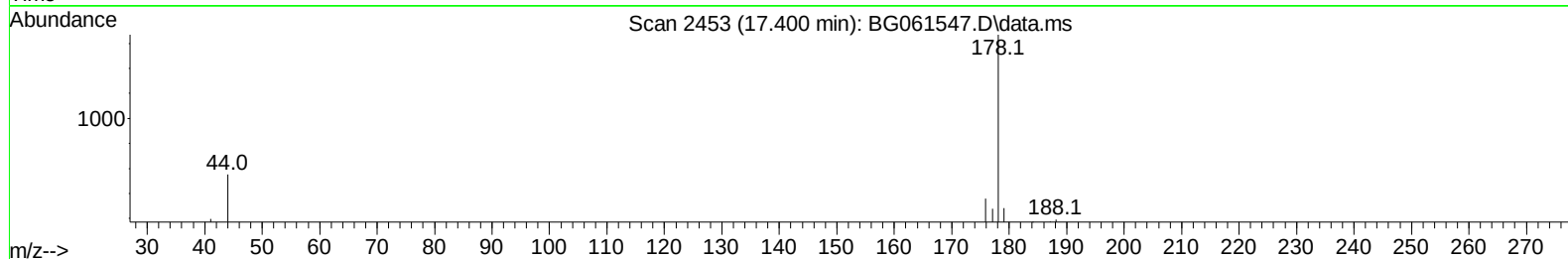
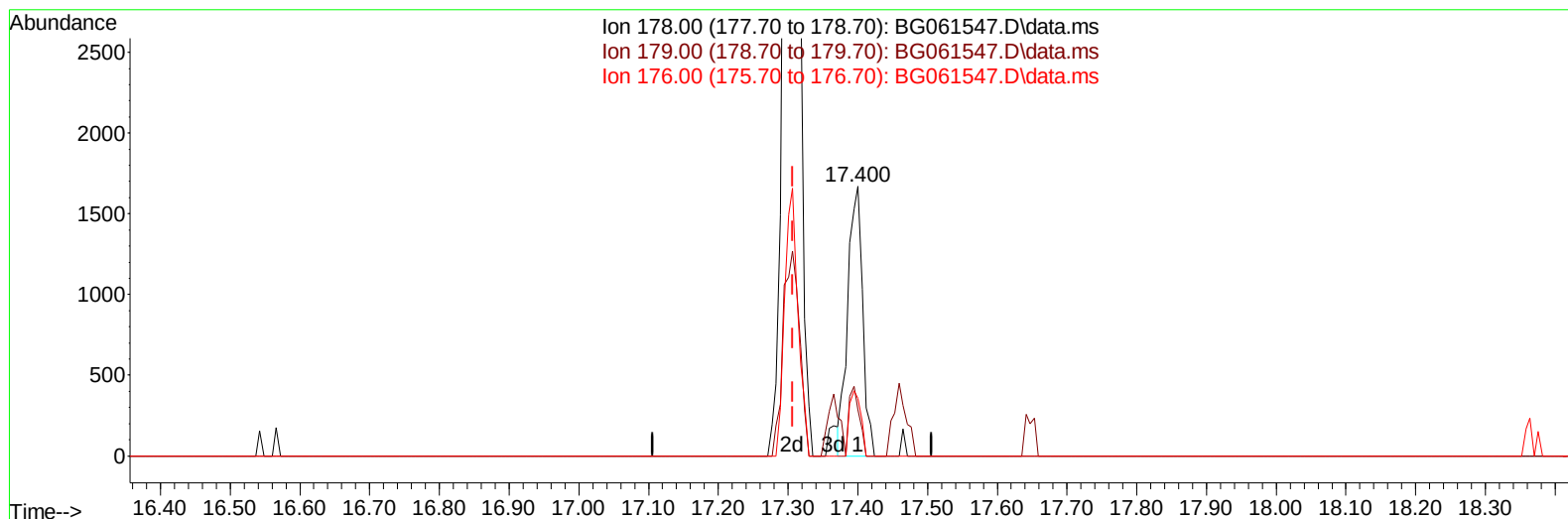
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061547.D
 Acq On : 8 Jun 2024 00:27
 Operator : MA/JU
 Sample : P2640-22
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4C35

Manual IntegrationsAPPROVED

Quant Time: Jun 08 01:11:16 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 :Yogesh Patel 06/08/2024
 Supervised By :mohammad ahmed 06/10/2024



TIC: BG061547.D\data.ms

(72) Phenanthrene

17.400min (+ 0.094) 0.30 ng/u1

response 2462

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	17.08
176.00	19.40	21.45
0.00	0.00	0.00

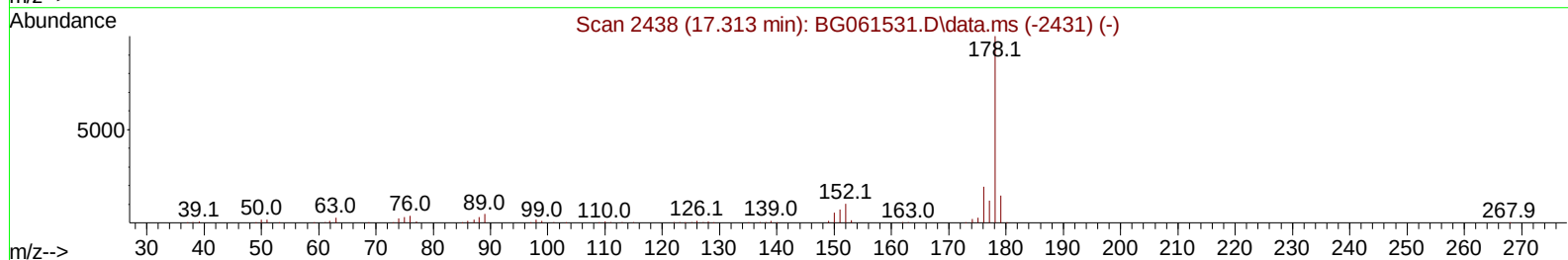
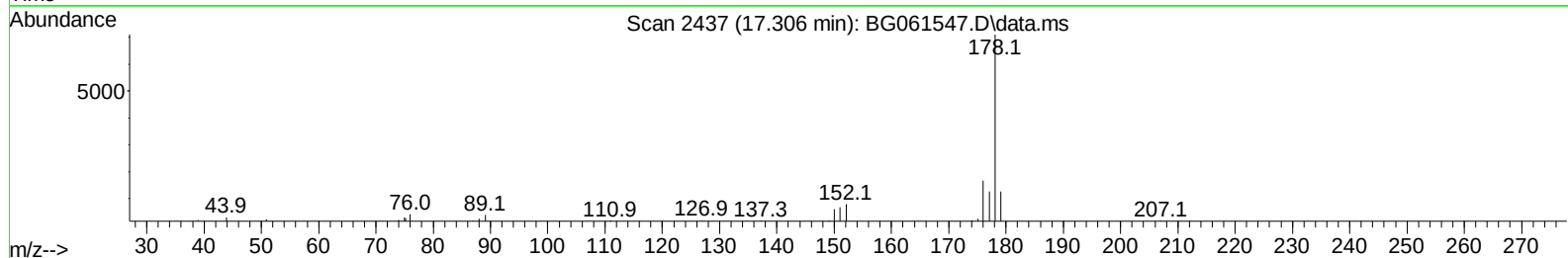
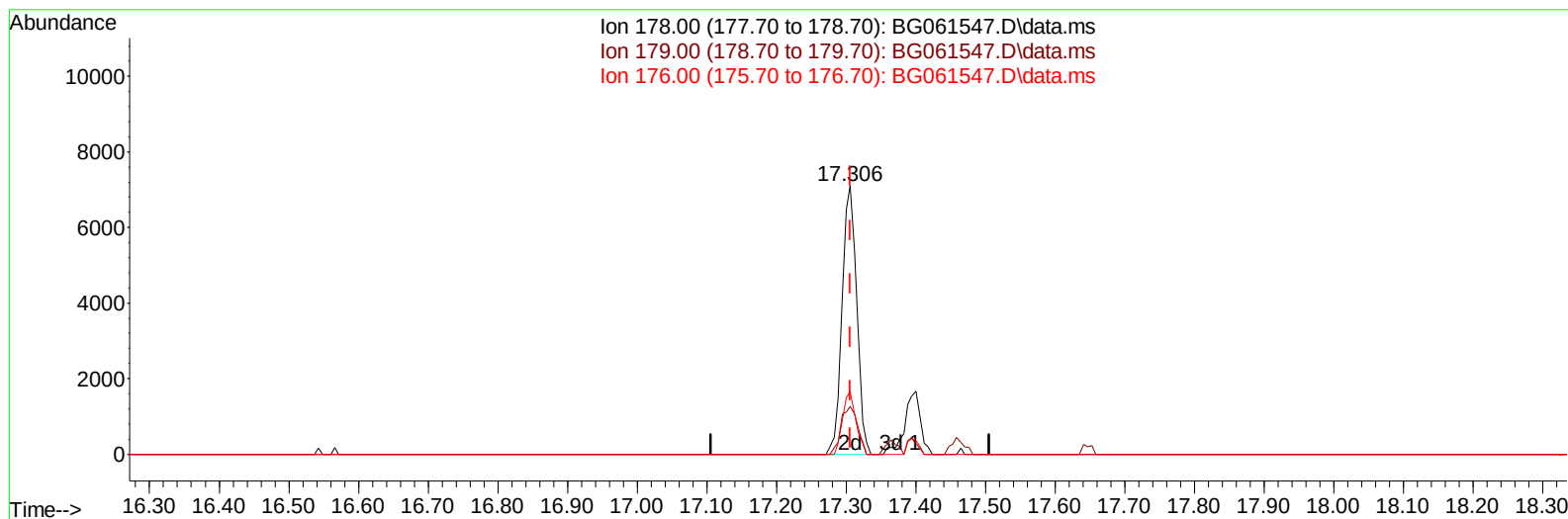
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061547.D
 Acq On : 8 Jun 2024 00:27
 Operator : MA/JU
 Sample : P2640-22
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4C35

Manual IntegrationsAPPROVED

Quant Time: Jun 08 01:11:16 2024
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 12:15:45 2024
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Reviewed By :Yogesh Patel 06/08/2024
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TIC: BG061547.D\data.ms

(72) Phenanthrene

17.306min (-0.000) 1.29 ng/ul m

response 10471

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	17.87
176.00	19.40	23.34#
0.00	0.00	0.00

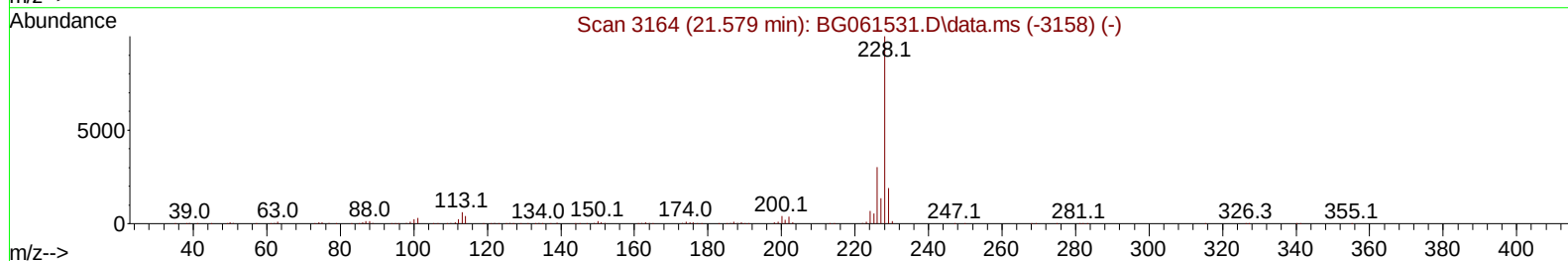
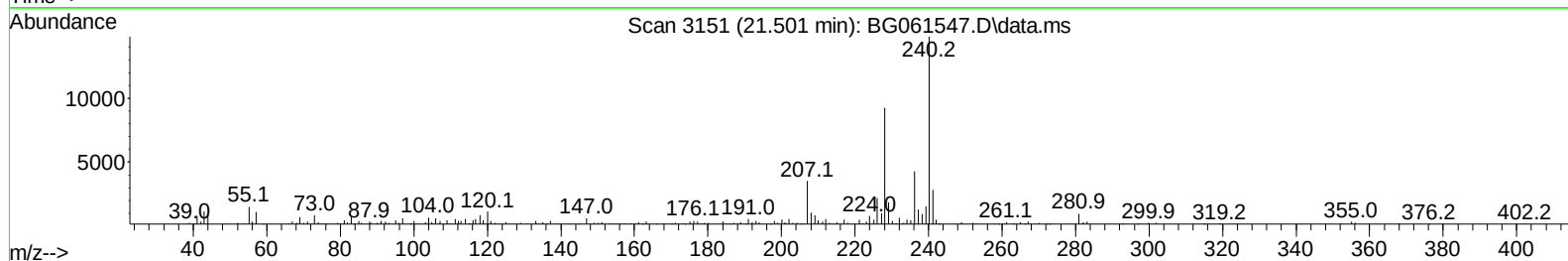
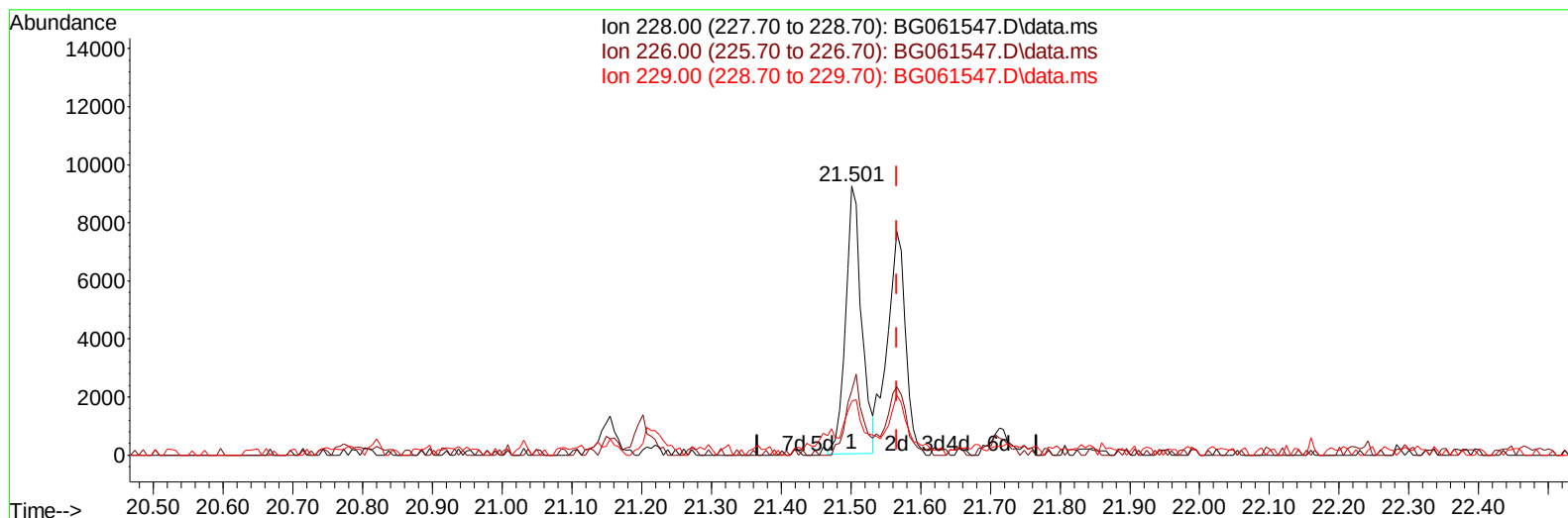
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061547.D
 Acq On : 8 Jun 2024 00:27
 Operator : MA/JU
 Sample : P2640-22
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4C35

Manual IntegrationsAPPROVED

Quant Time: Jun 08 01:11:16 2024
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TIC: BG061547.D\data.ms

(87) Chrysene

21.501min (-0.065) 1.28 ng/ul

response 14566

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.20	23.88
229.00	19.30	20.05
0.00	0.00	0.00

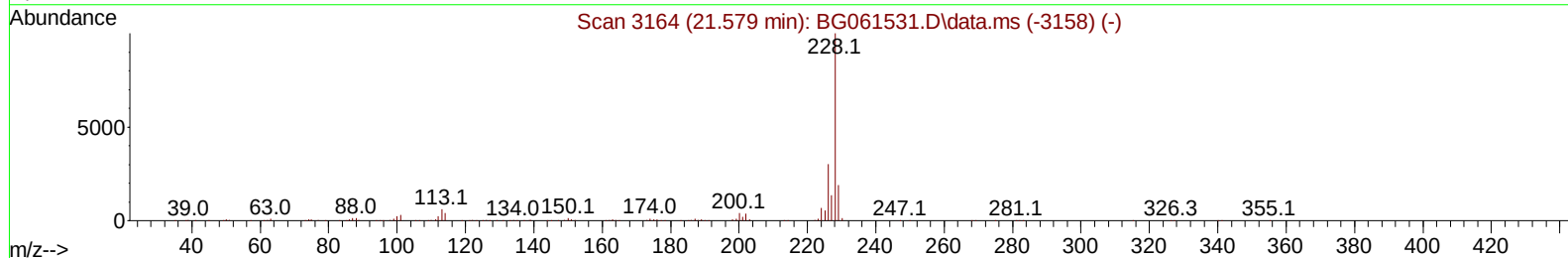
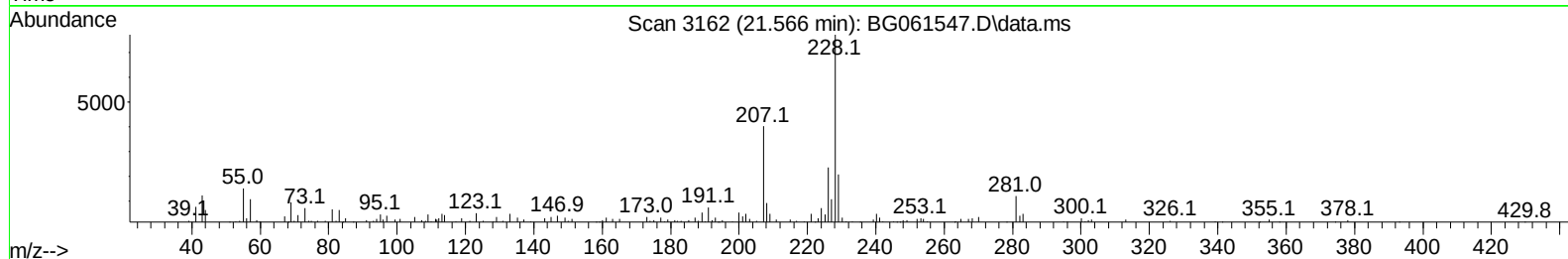
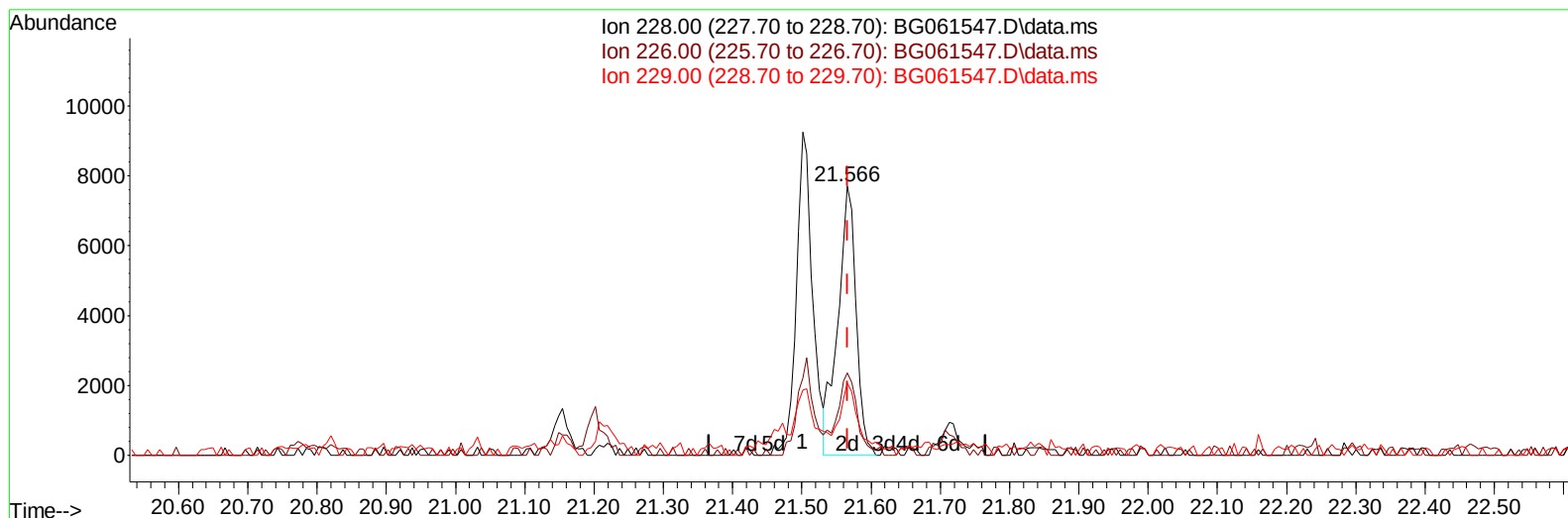
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061547.D
 Acq On : 8 Jun 2024 00:27
 Operator : MA/JU
 Sample : P2640-22
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4C35

Manual IntegrationsAPPROVED

Quant Time: Jun 08 01:11:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
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 QLast Update : Thu Jun 06 12:15:45 2024
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Reviewed By :Yogesh Patel 06/08/2024
 Supervised By :mohammad ahmed 06/10/2024



TIC: BG061547.D\data.ms

(87) Chrysene

21.566min (-0.000) 1.24 ng/ul m

response 14155

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.20	30.52
229.00	19.30	26.89#
0.00	0.00	0.00

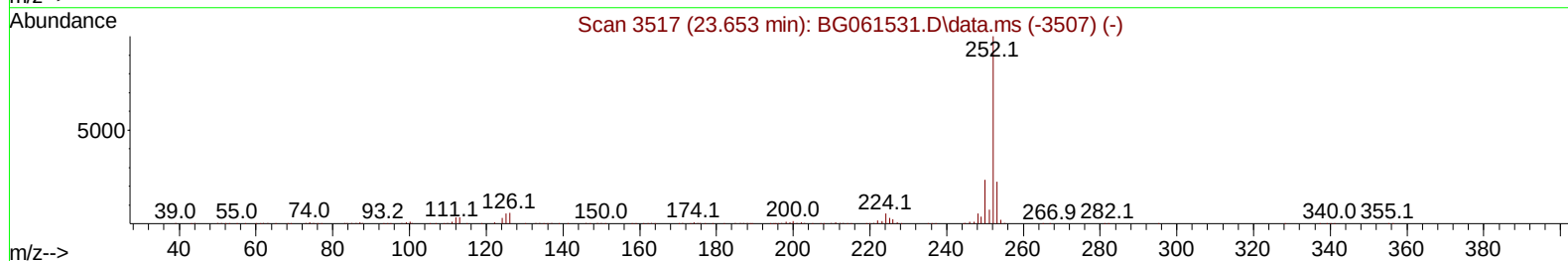
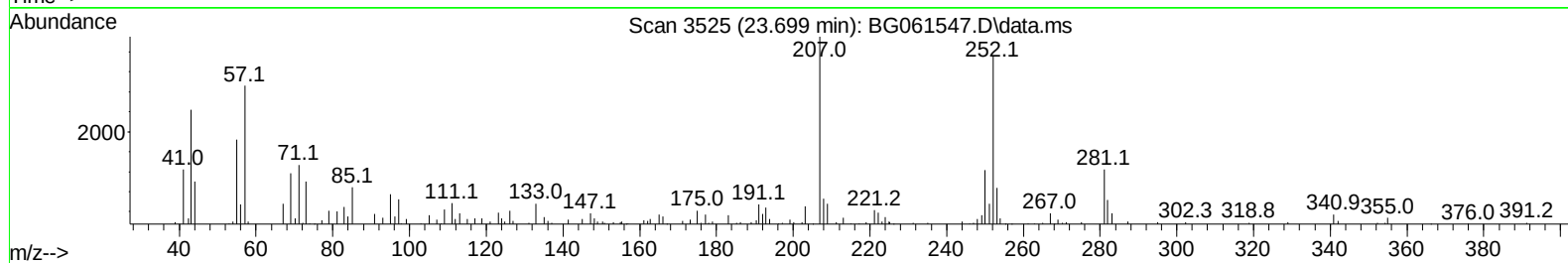
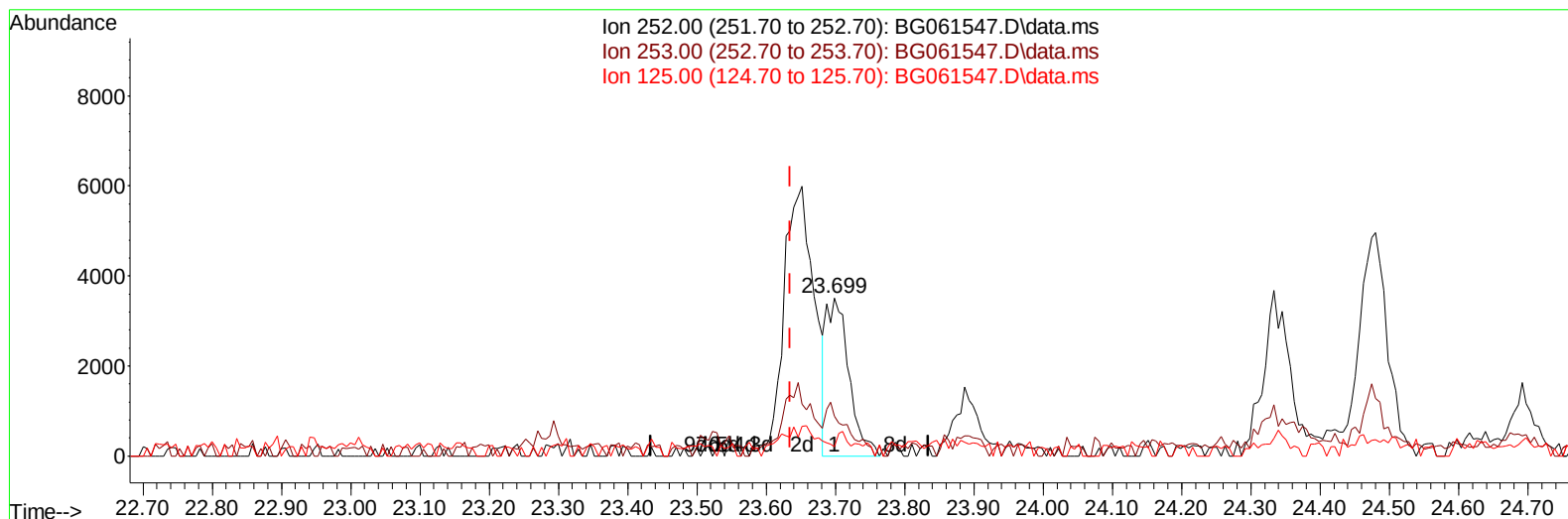
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061547.D
Acq On : 8 Jun 2024 00:27
Operator : MA/JU
Sample : P2640-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C35

Manual IntegrationsAPPROVED

Quant Time: Jun 08 01:13:06 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 :Yogesh Patel 06/08/2024
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TIC: BG061547.D\data.ms

(90) Benzo(b)fluoranthene

23.699min (+ 0.065) 0.64 ng/u1

response 7951

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	25.05
125.00	5.70	5.81
0.00	0.00	0.00

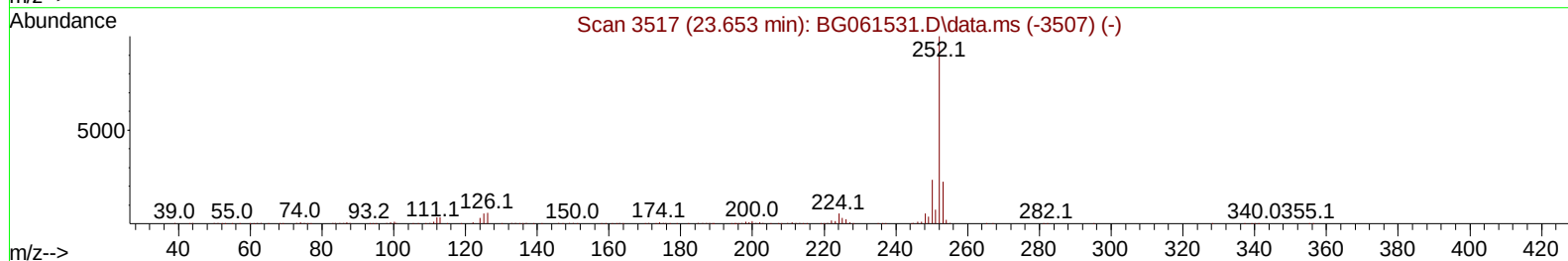
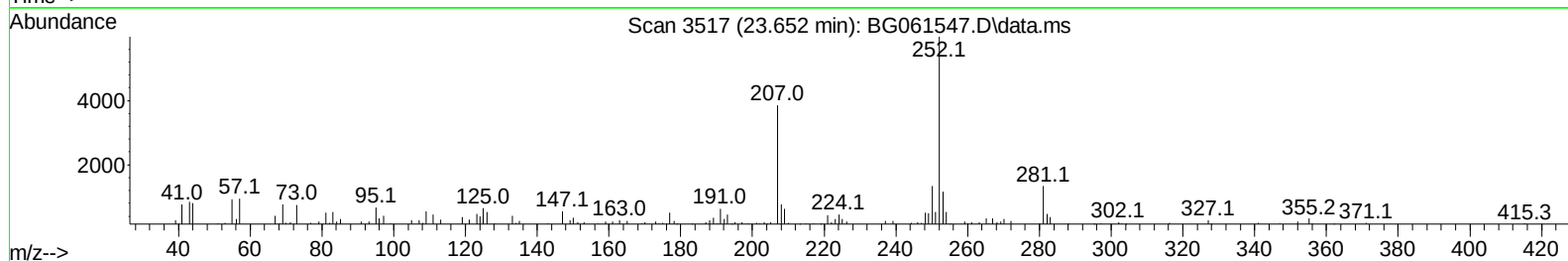
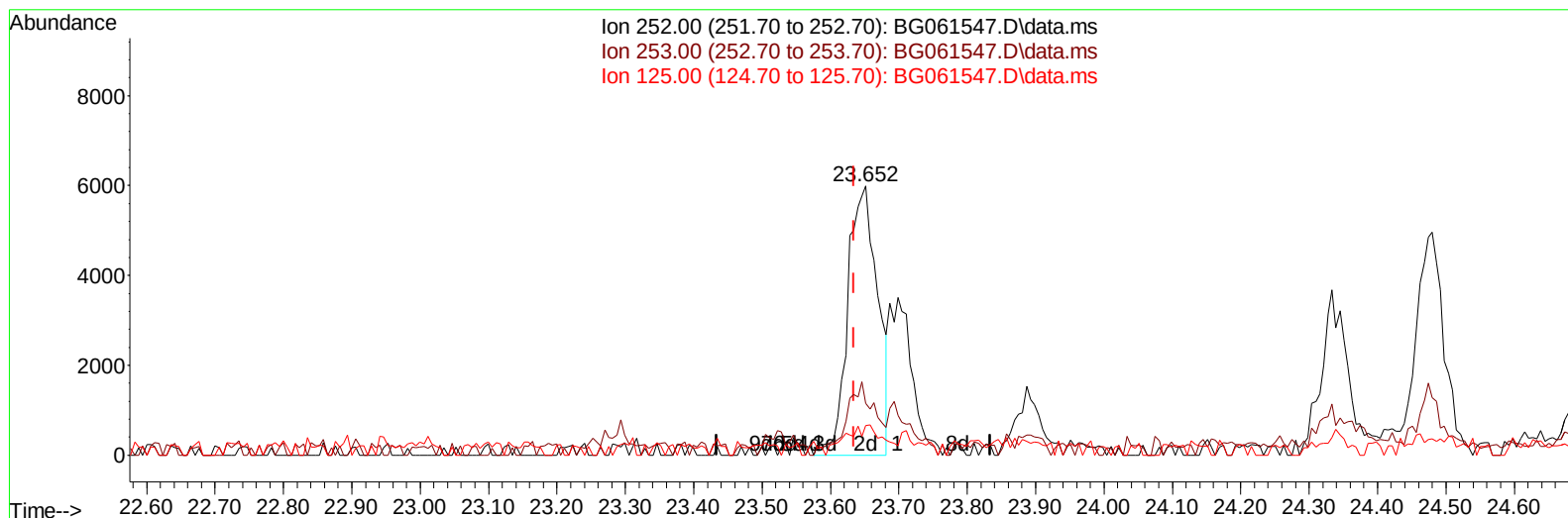
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061547.D
Acq On : 8 Jun 2024 00:27
Operator : MA/JU
Sample : P2640-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C35

Manual IntegrationsAPPROVED

Quant Time: Jun 08 01:13:06 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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Supervised By :mohammad ahmed 06/10/2024



TIC: BG061547.D\data.ms

(90) Benzo(b)fluoranthene

23.652min (+ 0.018) 1.46 ng/u l m

response 18174

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	19.27
125.00	5.70	10.89#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061547.D
 Acq On : 8 Jun 2024 00:27
 Operator : MA/JU
 Sample : P2640-22
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4C35

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/08/2024
 Supervised By :mohammad ahmed 06/10/2024

Quant Time: Jun 08 01:14:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.870	152	22935	20.000	ng/ul	0.00
20) Naphthalene-d8	10.661	136	89932	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.510	164	69025	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	167612	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.519	240	179628	20.000	ng/ul	0.00
88) Perylene-d12	24.621	264	209305	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	1773	4.326	ng/uL	-0.02
4) Pyridine-d5	3.740	84	29475	20.216	ng/ul	-0.03
7) Phenol-d5	7.065	99	41626	22.101	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.200	67	23711	20.029	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.412	132	33241	23.848	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	36189	22.534	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	18223	26.318	ng/ul	0.00
24) 2-Nitrophenol-d4	9.756	143	22006	27.156	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	43277	27.394	ng/ul	0.00
31) 4-Chloroaniline-d4	10.808	131	46794	22.640	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	148185	27.680	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	158633	28.502	ng/ul	0.00
54) 4-Nitrophenol-d4	14.762	143	14430m	21.802	ng/ul	0.00
60) Fluorene-d10	15.508	176	129930	28.112	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.655	200	20941	20.657	ng/ul	0.00
73) Anthracene-d10	17.359	188	212025	28.693	ng/ul	0.00
81) Pyrene-d10	19.656	212	267658	29.020	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.416	264	292071	29.026	ng/ul	0.02
Target Compounds						
72) Phenanthrene	17.306	178	10471m	1.287	ng/ul	Qvalue
80) Fluoranthene	19.322	202	22988	2.078	ng/ul#	97
82) Pyrene	19.686	202	21775	1.896	ng/ul#	96
85) Benzo(a)anthracene	21.501	228	14754	1.190	ng/ul	96
87) Chrysene	21.566	228	14155m	1.240	ng/ul	
90) Benzo(b)fluoranthene	23.652	252	18174m	1.458	ng/ul	
93) Benzo(a)pyrene	24.480	252	13978	1.181	ng/ul#	90

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

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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