

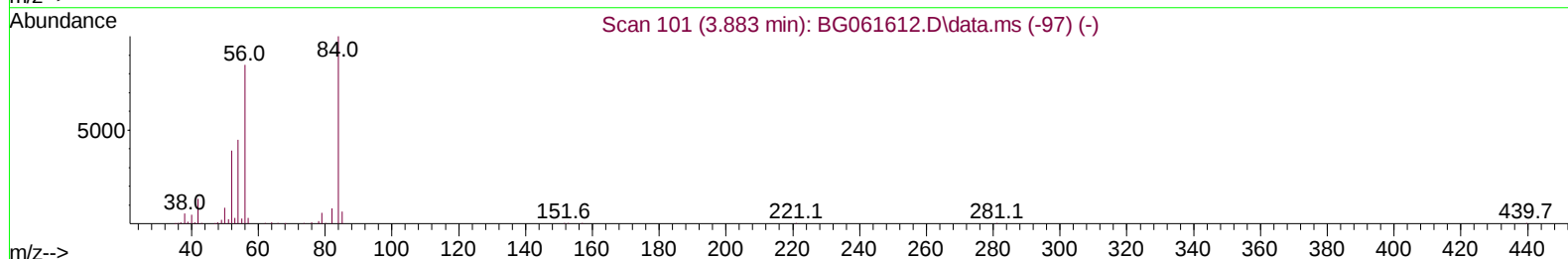
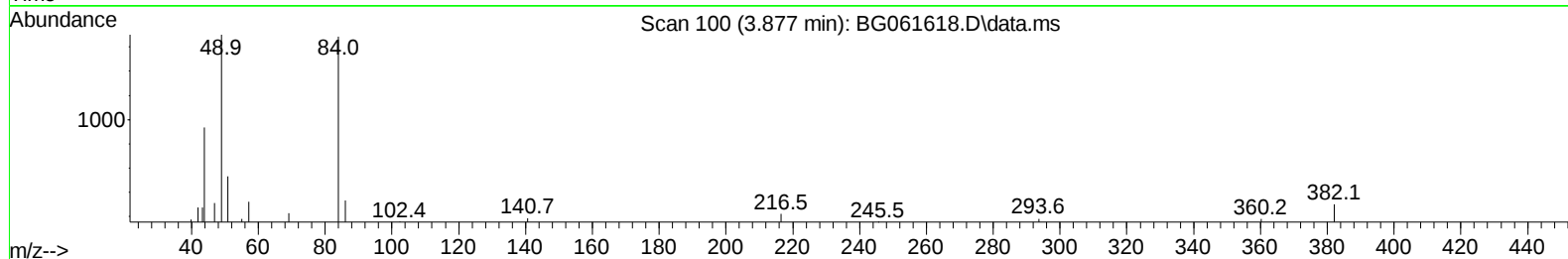
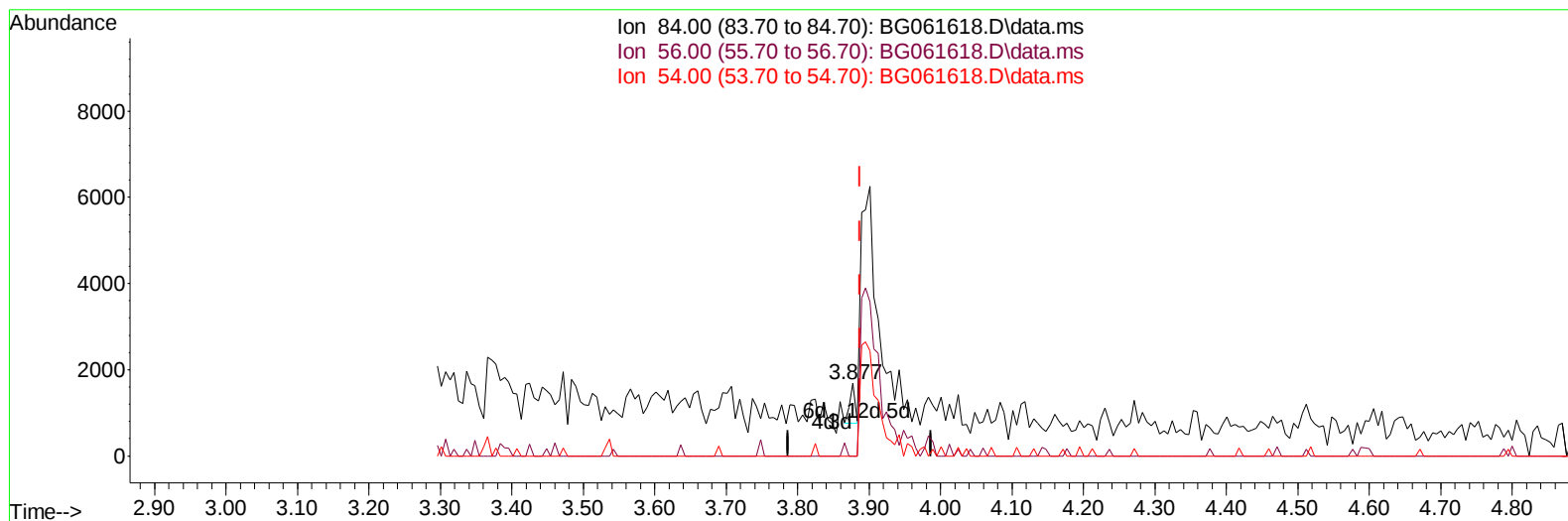
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
Data File : BG061618.D
Acq On : 21 Jun 2024 13:26
Operator : MA/JU
Sample : P2754-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BP4

Manual IntegrationsAPPROVED

Quant Time: Jun 21 14:32:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



TIC: BG061618.D\data.ms

(4) Pyridine-d5 (S)

3.877min (-0.010) 0.13 ng/u1

response 465

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	82.60	0.00#
54.00	43.00	0.00#
0.00	0.00	0.00

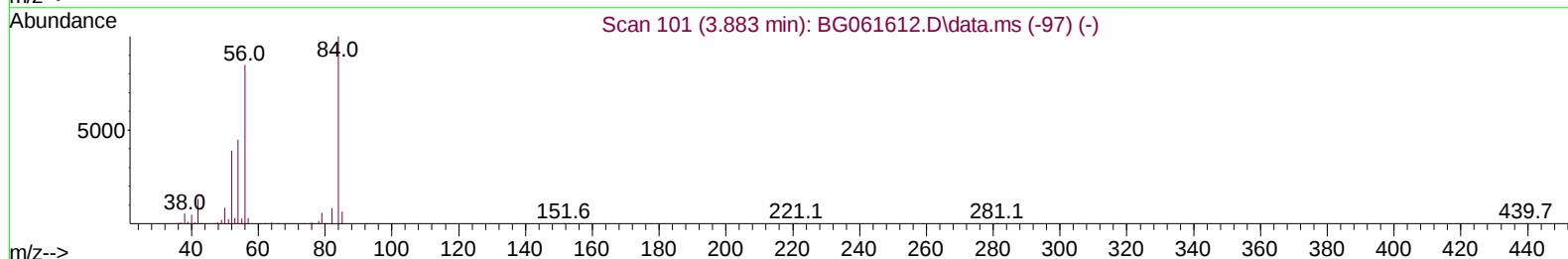
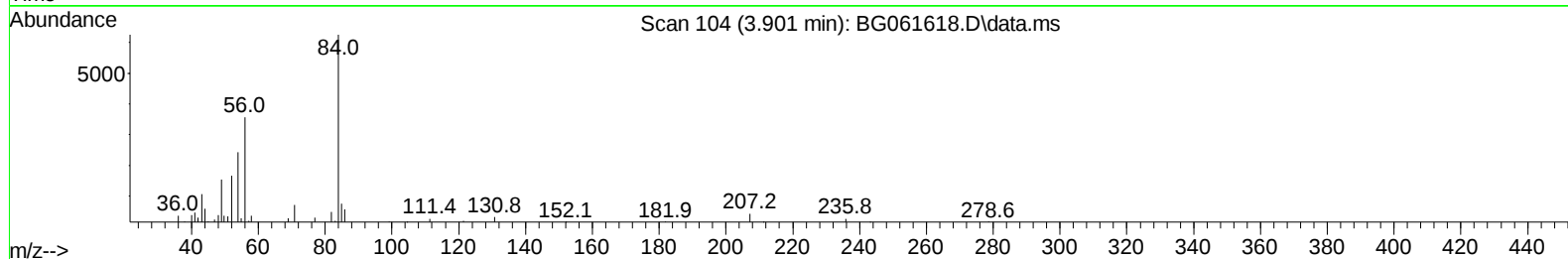
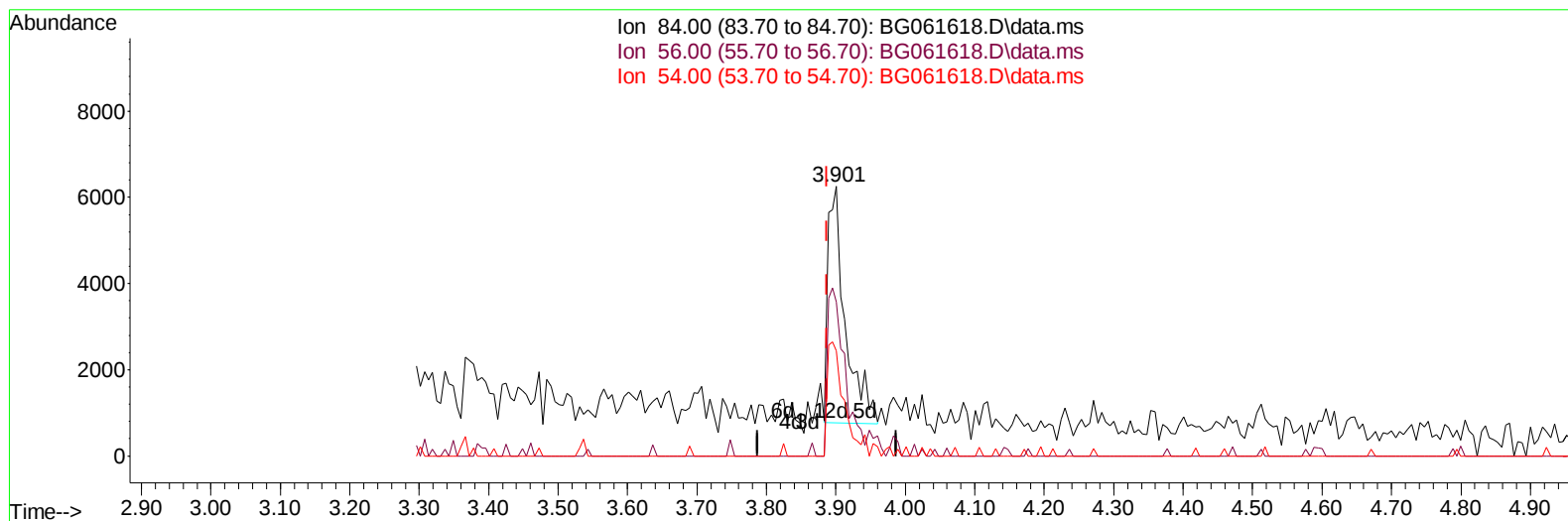
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
Data File : BG061618.D
Acq On : 21 Jun 2024 13:26
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Misc :
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Instrument :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



TIC: BG061618.D\data.ms

(4) Pyridine-d5 (S)

3.901min (+ 0.014) 2.59 ng/u1 m

response 9550

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	82.60	57.08#
54.00	43.00	39.02
0.00	0.00	0.00

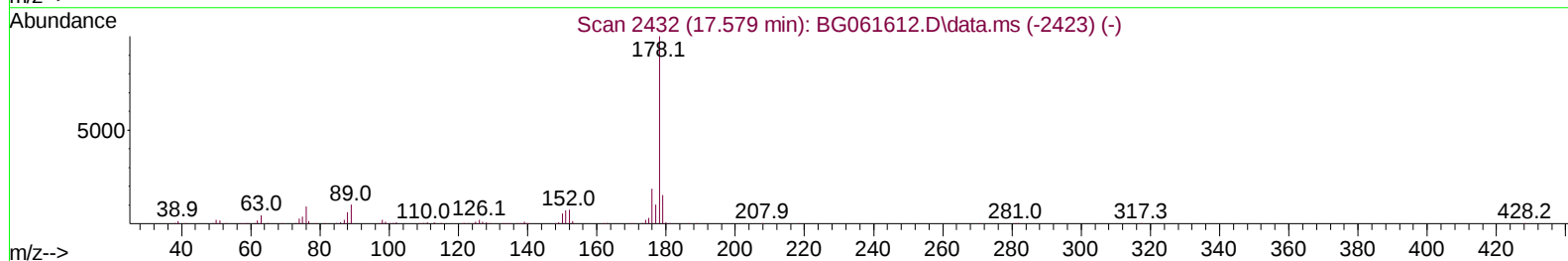
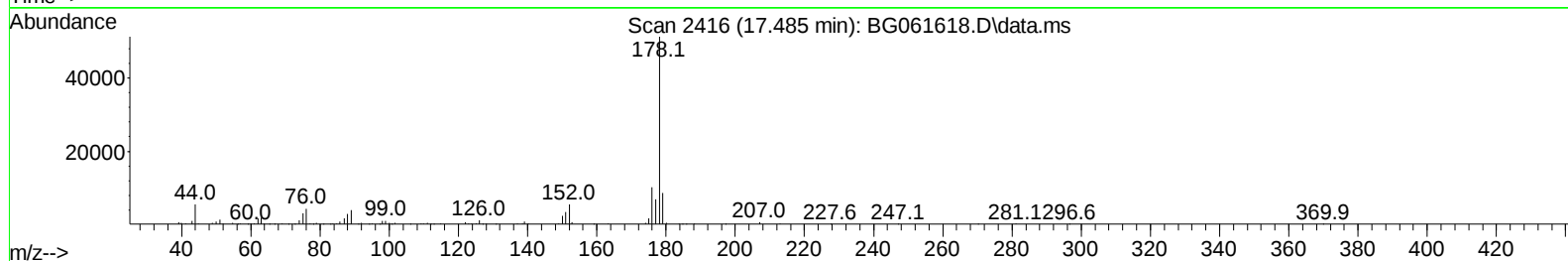
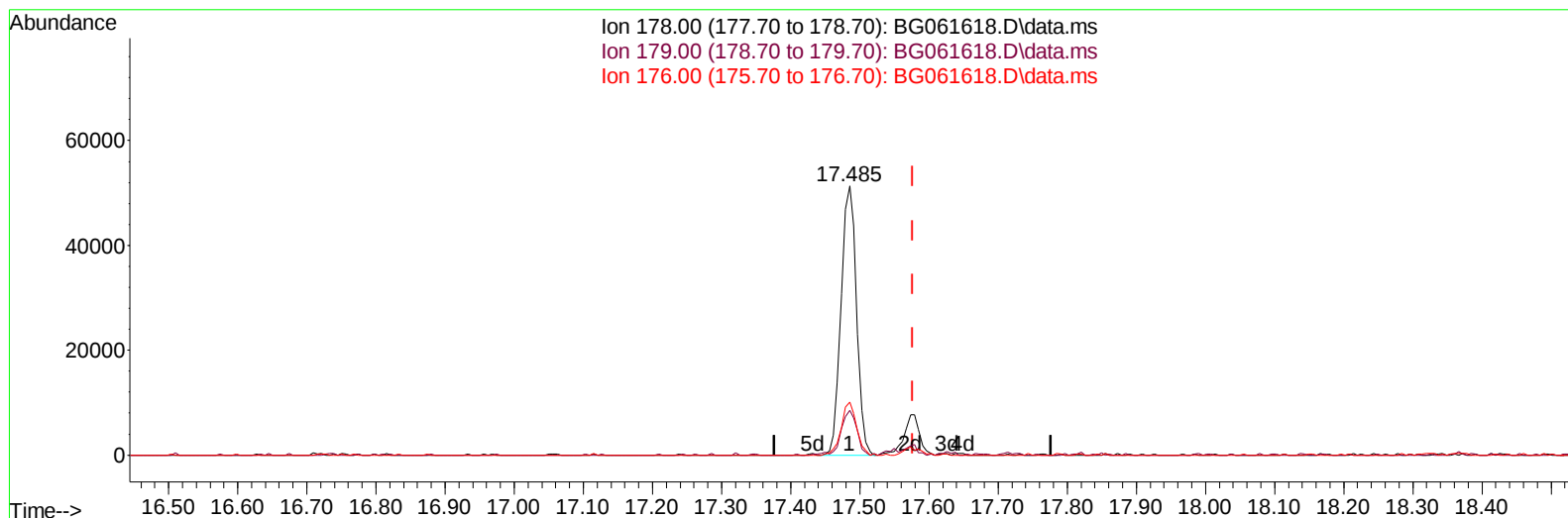
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
Data File : BG061618.D
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG061618.D\data.ms

(74) Anthracene

17.485min (-0.092) 4.00 ng/u1

response 79764

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.30	16.75
176.00	18.40	19.76
0.00	0.00	0.00

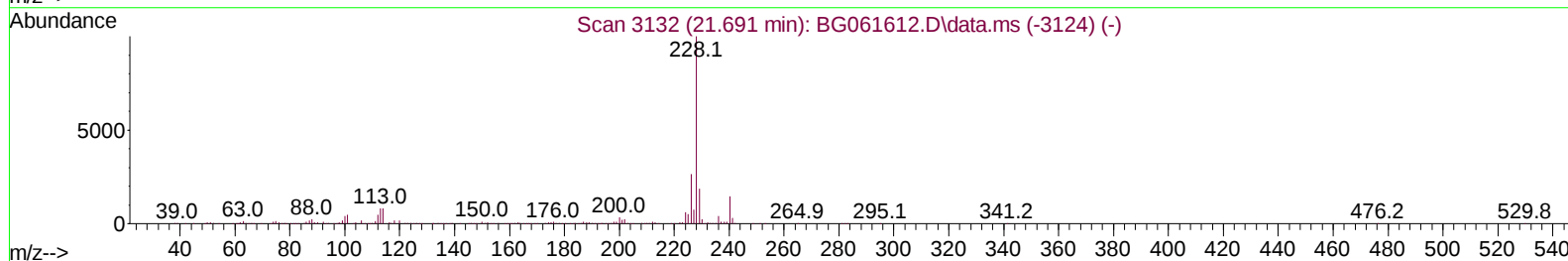
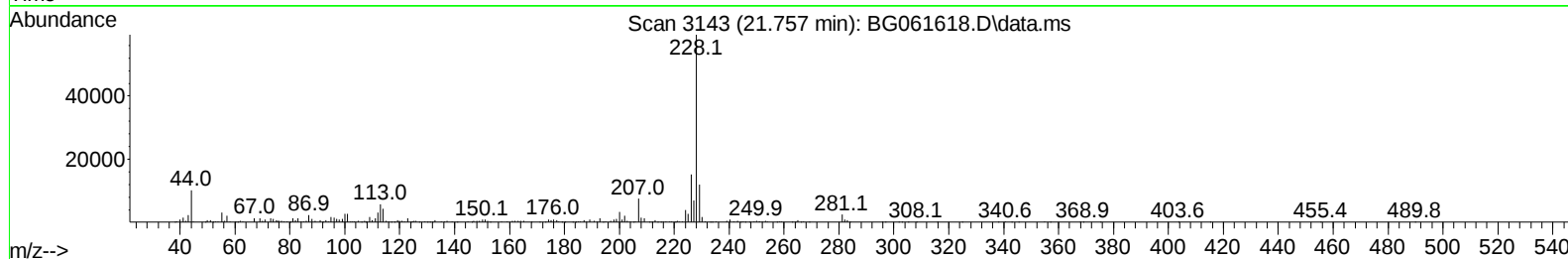
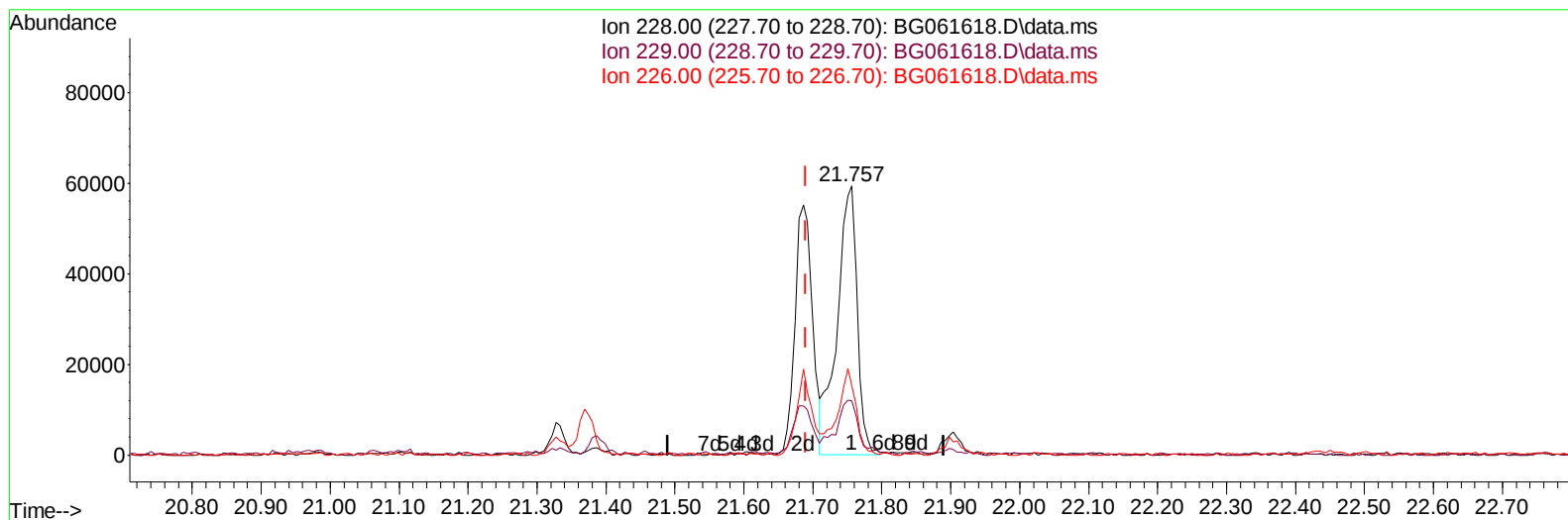
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
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 Acq On : 21 Jun 2024 13:26
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Instrument :
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Manual IntegrationsAPPROVED

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TIC: BG061618.D\data.ms

(85) Benzo(a)anthracene

21.757min (+ 0.067) 5.23 ng/u1

response 119845

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.80	20.11
226.00	26.80	25.77
0.00	0.00	0.00

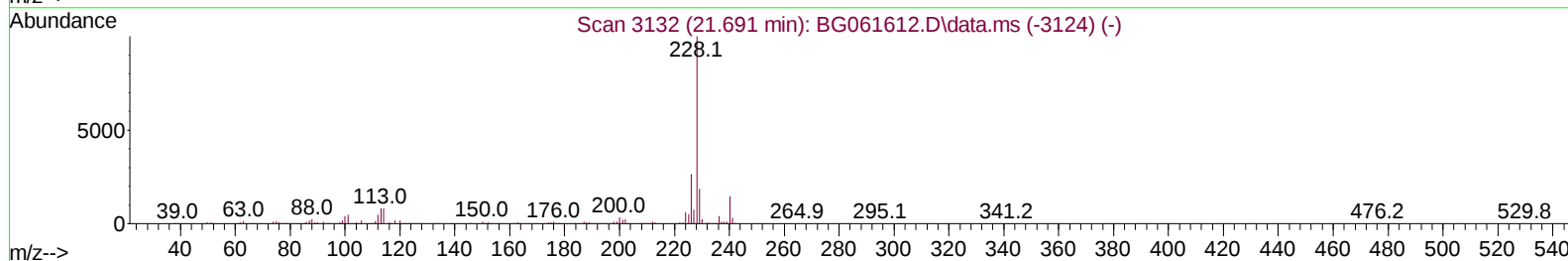
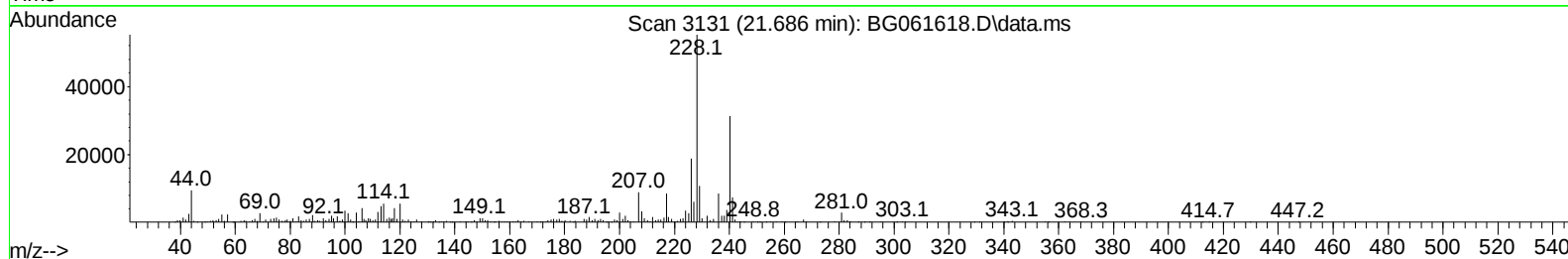
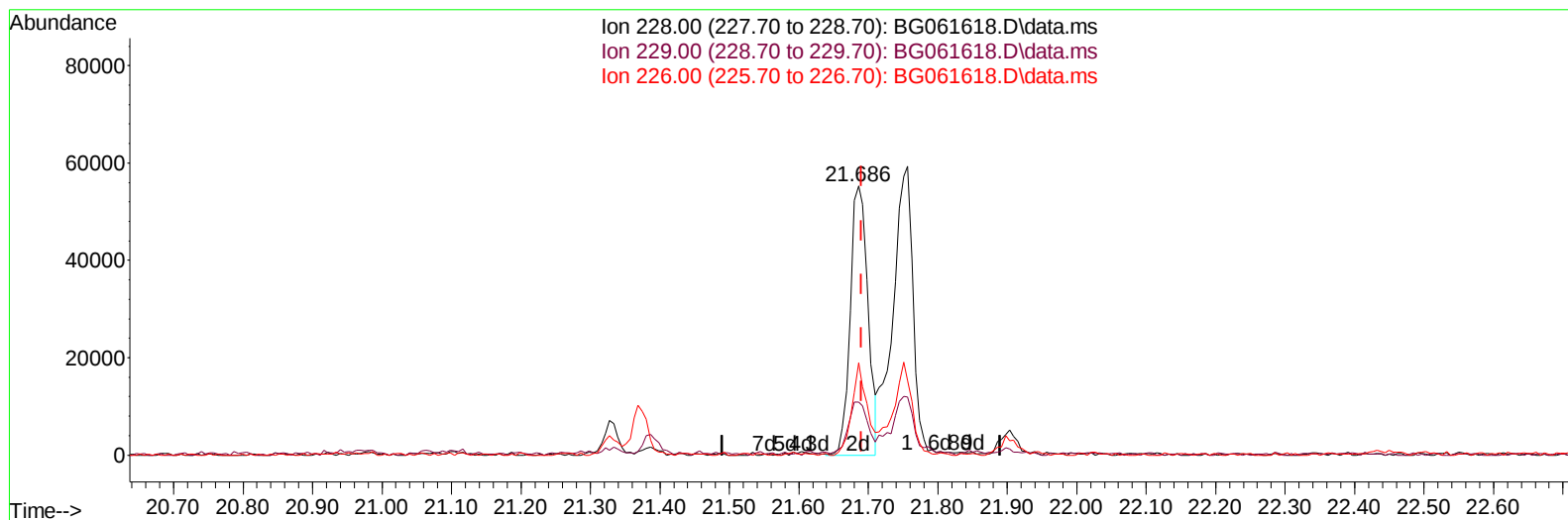
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
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Instrument :
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TIC: BG061618.D\data.ms

(85) Benzo(a)anthracene

21.686min (-0.004) 4.25 ng/u1 m

response 97383

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.80	19.64
226.00	26.80	34.23#
0.00	0.00	0.00

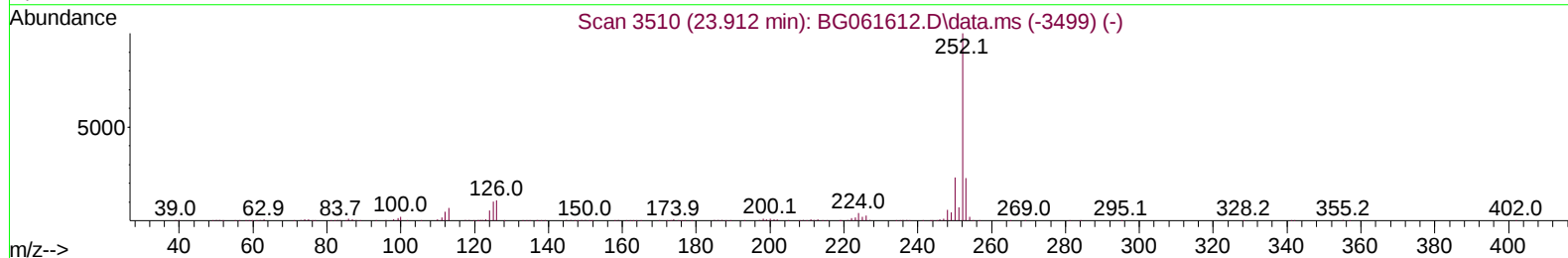
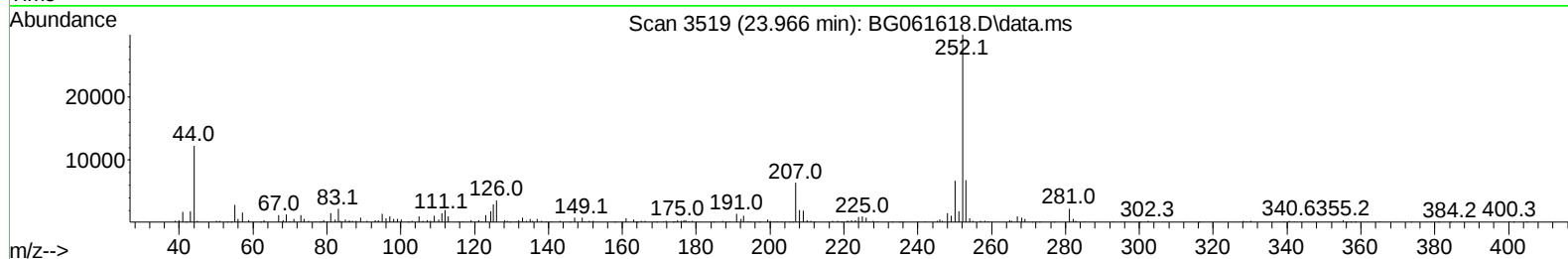
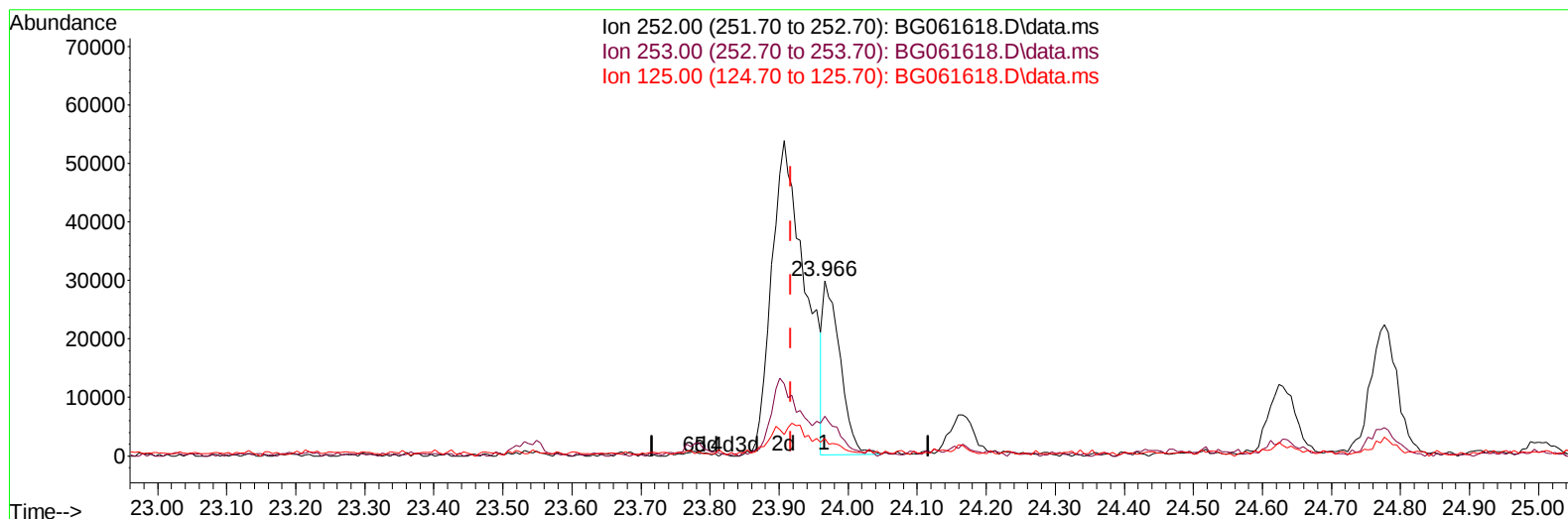
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
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Sample : P2754-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BP4

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



TIC: BG061618.D\data.ms

(90) Benzo(b)fluoranthene

23.966min (+ 0.049) 2.21 ng/u1

response 50640

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.20	22.84
125.00	8.80	9.99
0.00	0.00	0.00

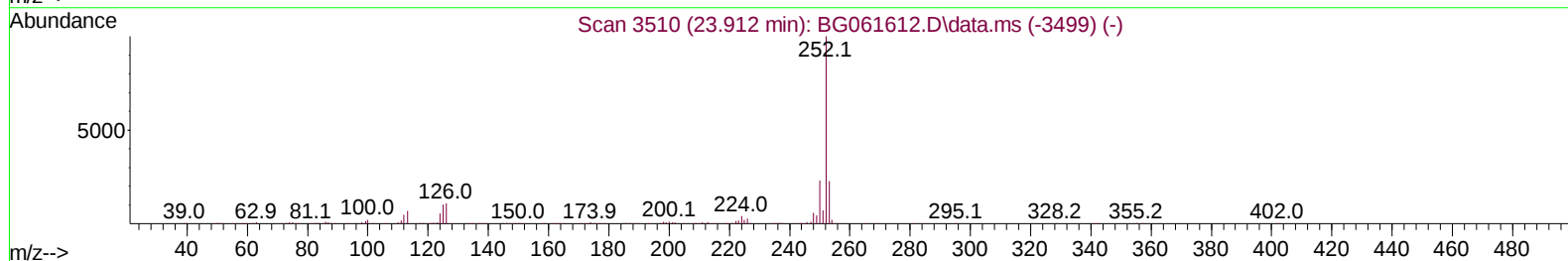
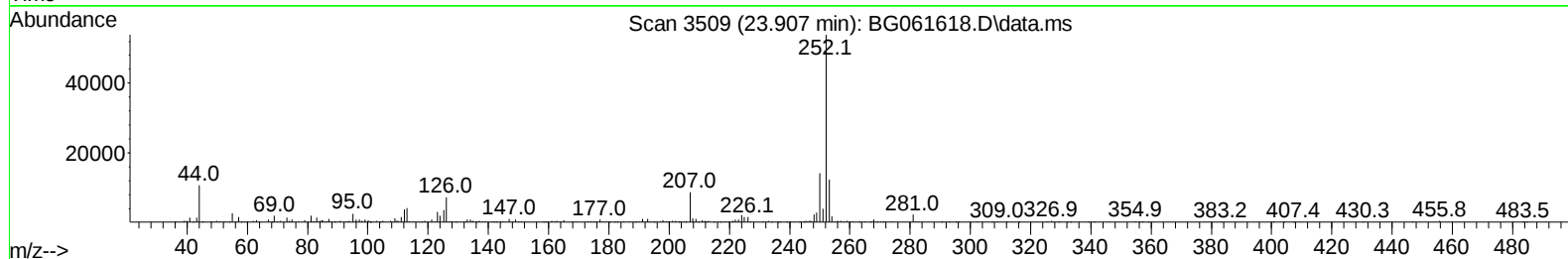
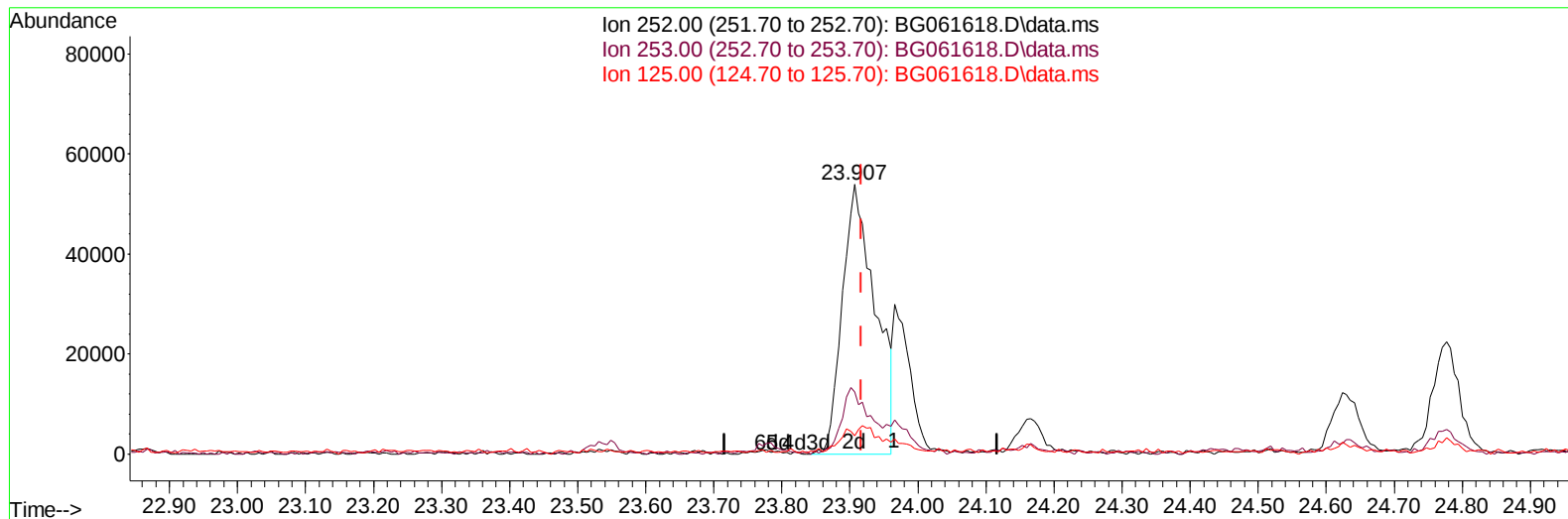
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
Data File : BG061618.D
Acq On : 21 Jun 2024 13:26
Operator : MA/JU
Sample : P2754-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BP4

Manual IntegrationsAPPROVED

Quant Time: Jun 21 14:32:37 2024
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Reviewed By :Yogesh Patel 06/24/2024
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TIC: BG061618.D\data.ms

(90) Benzo(b)fluoranthene

23.907min (-0.010) 7.88 ng/u1 m

response 180664

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.20	22.90
125.00	8.80	6.72#
0.00	0.00	0.00

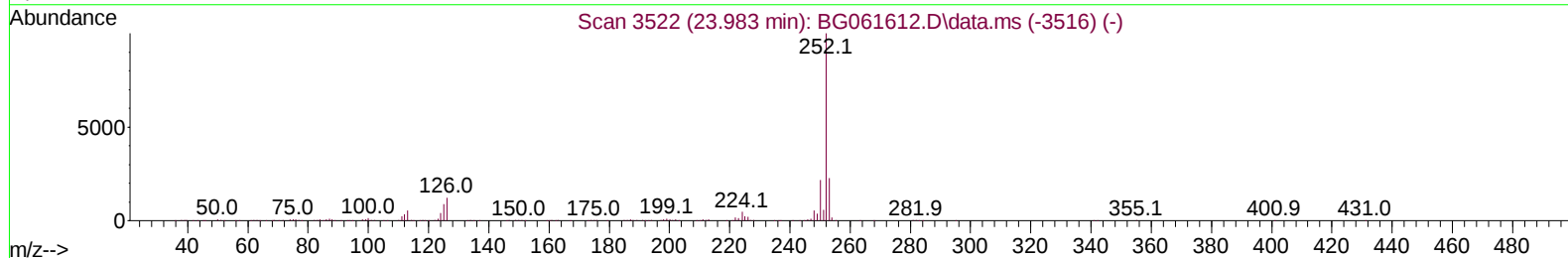
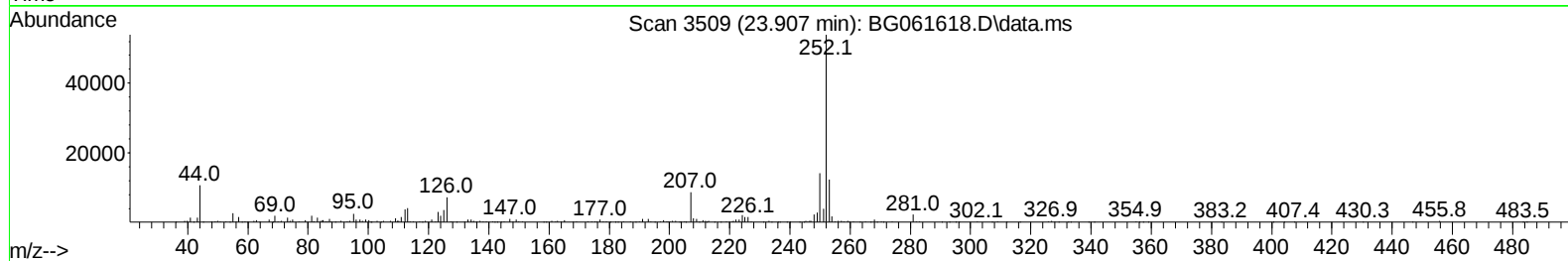
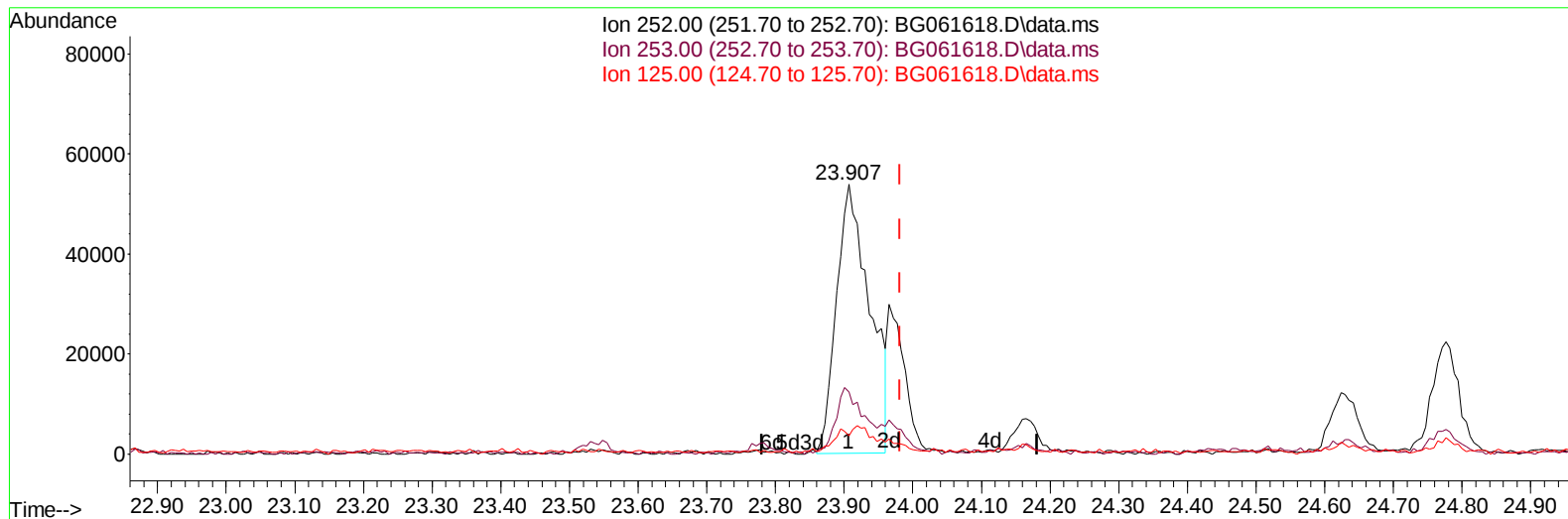
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
Data File : BG061618.D
Acq On : 21 Jun 2024 13:26
Operator : MA/JU
Sample : P2754-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BP4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 21 14:32:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration



TIC: BG061618.D\data.ms

(91) Benzo(k)fluoranthene

23.907min (-0.074) 7.60 ng/u1

response 179235

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.20	22.90
125.00	7.70	6.72
0.00	0.00	0.00

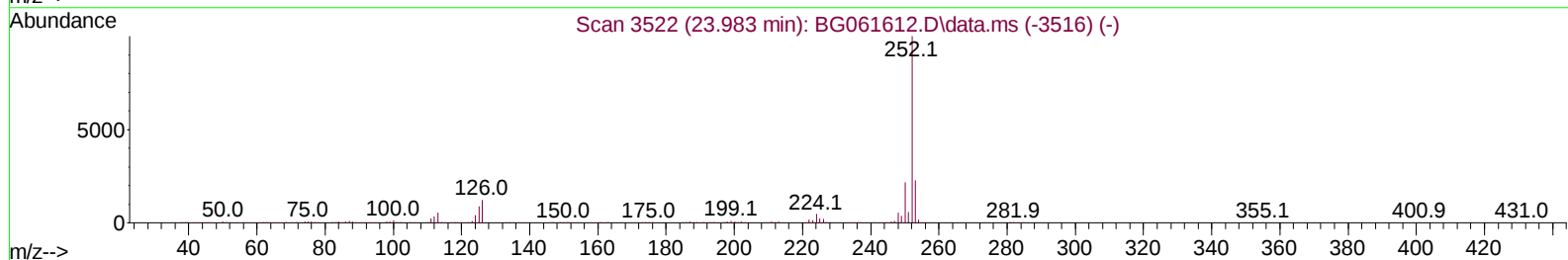
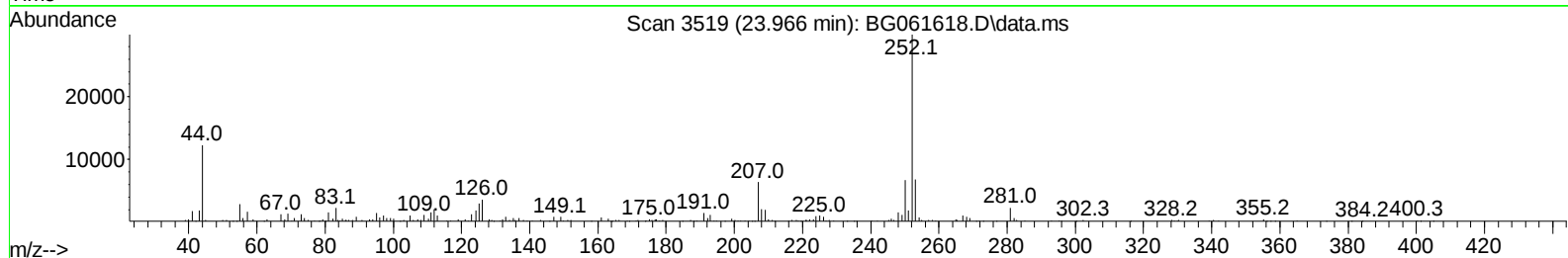
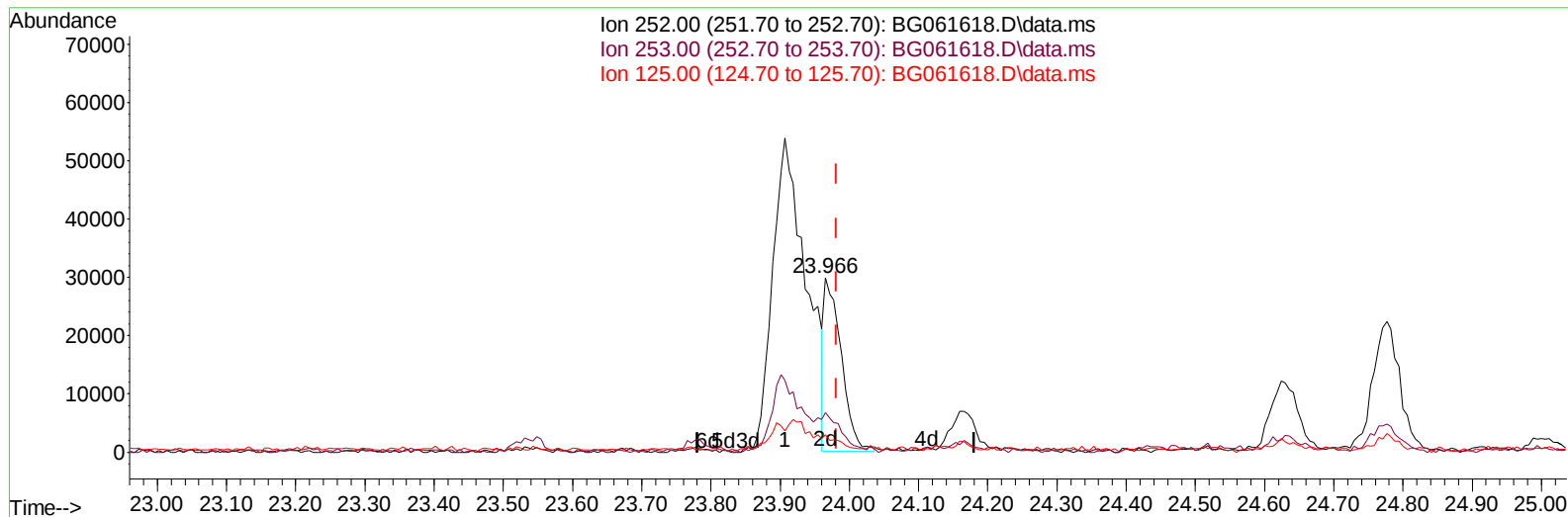
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Sample : P2754-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BP4

Manual IntegrationsAPPROVED

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TIC: BG061618.D\data.ms

(91) Benzo(k)fluoranthene

23.966min (-0.016) 2.16 ng/u1 m

response 50902

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.20	22.84
125.00	7.70	9.99#
0.00	0.00	0.00

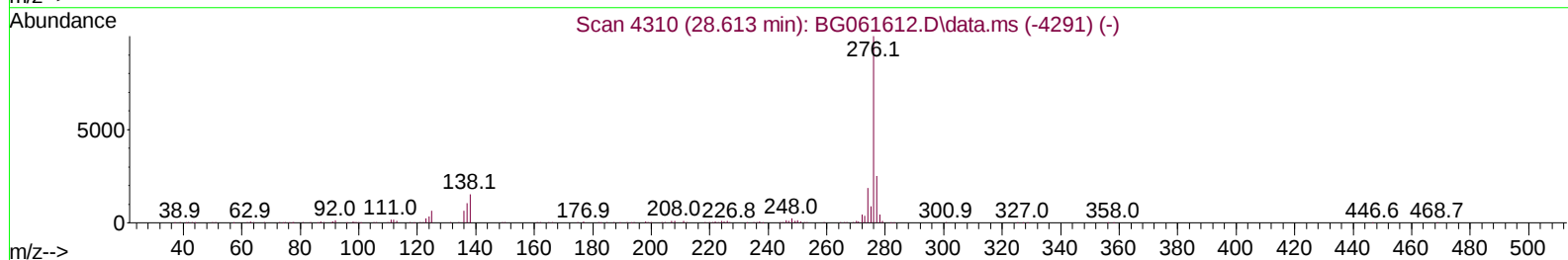
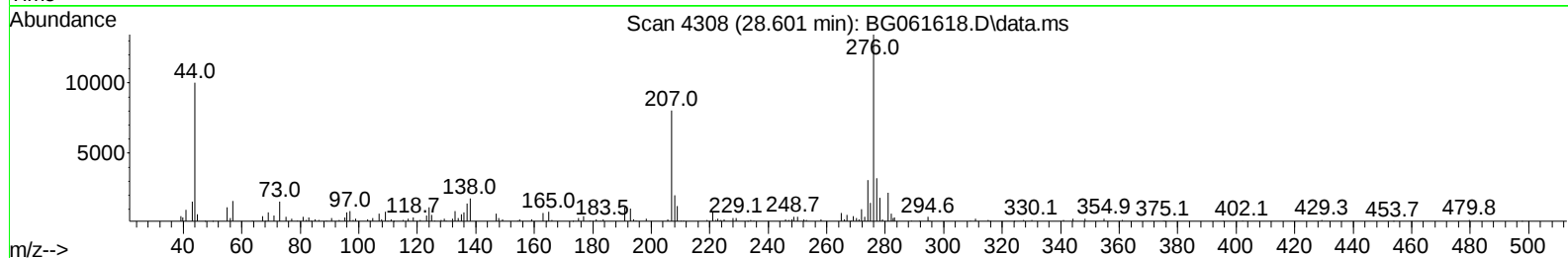
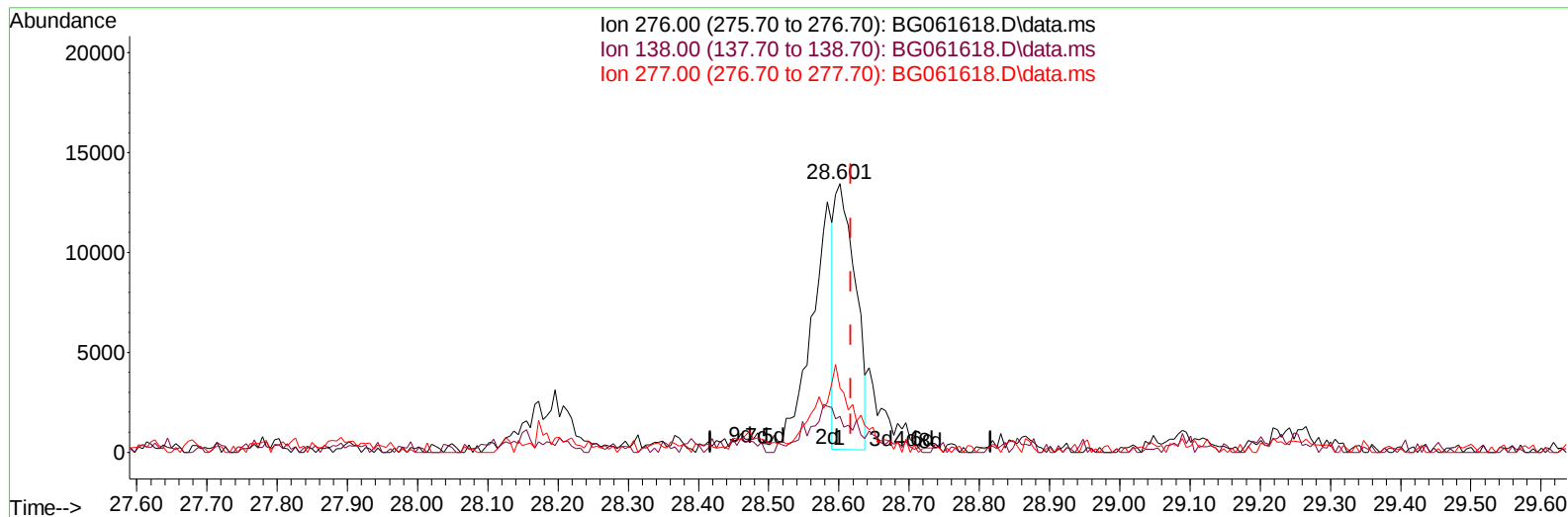
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Manual IntegrationsAPPROVED

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TIC: BG061618.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.601min (-0.016) 0.99 ng/u1

response 27184

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	13.26
277.00	24.60	23.98
0.00	0.00	0.00

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 Acq On : 21 Jun 2024 13:26
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 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BP4

Manual IntegrationsAPPROVED

Quant Time: Jun 21 14:38:11 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	44039	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	207917	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.700	164	153824	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.444	188	371092	20.000	ng/ul	0.00
79) Chrysene-d12	21.704	240	326707	20.000	ng/ul	0.00
88) Perylene-d12	24.929	264	381361	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.466	96	6744	5.532	ng/uL	0.00
4) Pyridine-d5	3.901	84	9550m	2.591	ng/ul	0.01
7) Phenol-d5	7.209	99	125116	26.170	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.397	67	79163	26.562	ng/ul	0.00
11) 2-Chlorophenol-d4	7.597	132	88657	27.023	ng/ul	0.00
15) 4-Methylphenol-d8	8.760	113	85317	23.084	ng/ul	0.00
21) Nitrobenzene-d5	9.236	128	40497	28.686	ng/ul	0.00
24) 2-Nitrophenol-d4	9.959	143	43749	30.597	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	96209	28.417	ng/ul	0.00
31) 4-Chloroaniline-d4	11.016	131	74755	14.584	ng/ul	0.00
46) Dimethylphthalate-d6	14.107	166	340146	28.735	ng/ul	0.00
49) Acenaphthylene-d8	14.395	160	379149	29.227	ng/ul	0.00
54) 4-Nitrophenol-d4	14.865	143	51705	25.433	ng/ul	0.00
60) Fluorene-d10	15.687	176	320819	30.958	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.793	200	39759	25.056	ng/ul	0.00
73) Anthracene-d10	17.538	188	503386	29.718	ng/ul	0.00
81) Pyrene-d10	19.823	212	527696	28.916	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.706	264	398619	21.885	ng/ul	-0.02
Target Compounds						
					Qvalue	
16) Acetophenone	8.895	105	14166	2.328	ng/ul#	90
72) Phenanthrene	17.485	178	79764	4.086	ng/ul	98
80) Fluoranthene	19.489	202	227408	10.740	ng/ul	97
82) Pyrene	19.847	202	165929	7.370	ng/ul	95
85) Benzo(a)anthracene	21.686	228	97383m	4.246	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.616	149	37867	3.143	ng/ul	98
87) Chrysene	21.757	228	118488	5.460	ng/ul	95
90) Benzo(b)fluoranthene	23.907	252	180664m	7.881	ng/ul	
91) Benzo(k)fluoranthene	23.966	252	50902m	2.159	ng/ul	
93) Benzo(a)pyrene	24.776	252	59446	2.693	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	28.601	276	58089m	2.112	ng/ul	

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

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 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 A4BP4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/24/2024

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