

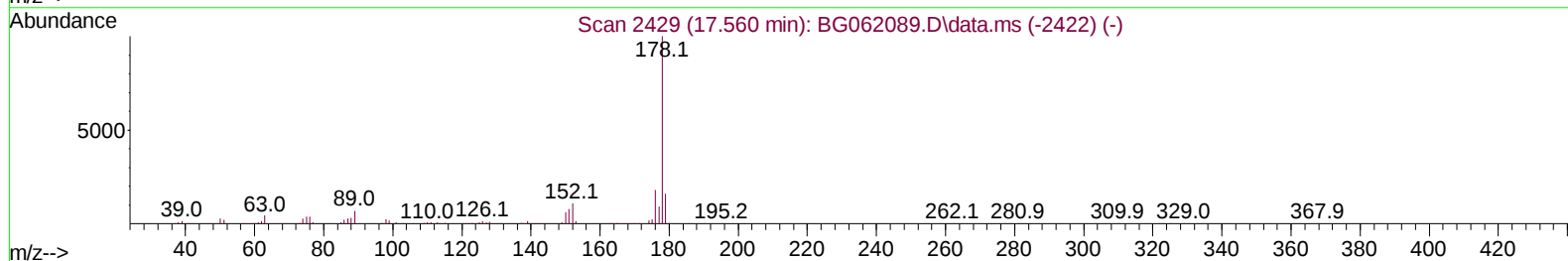
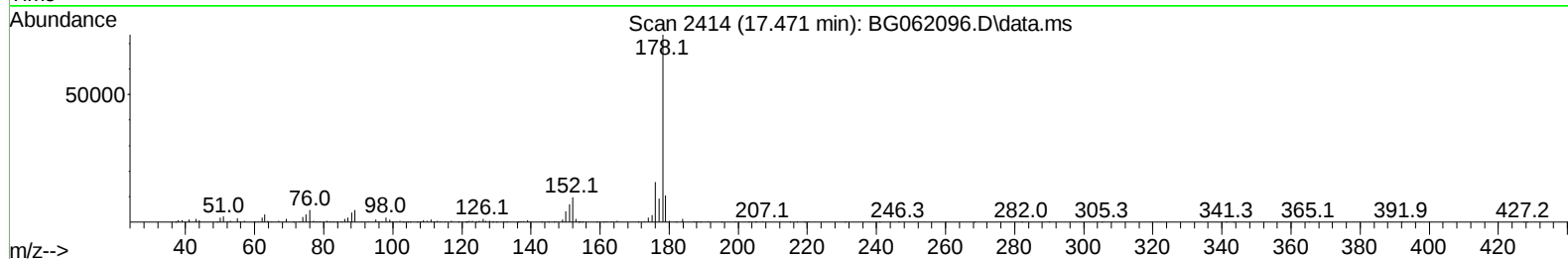
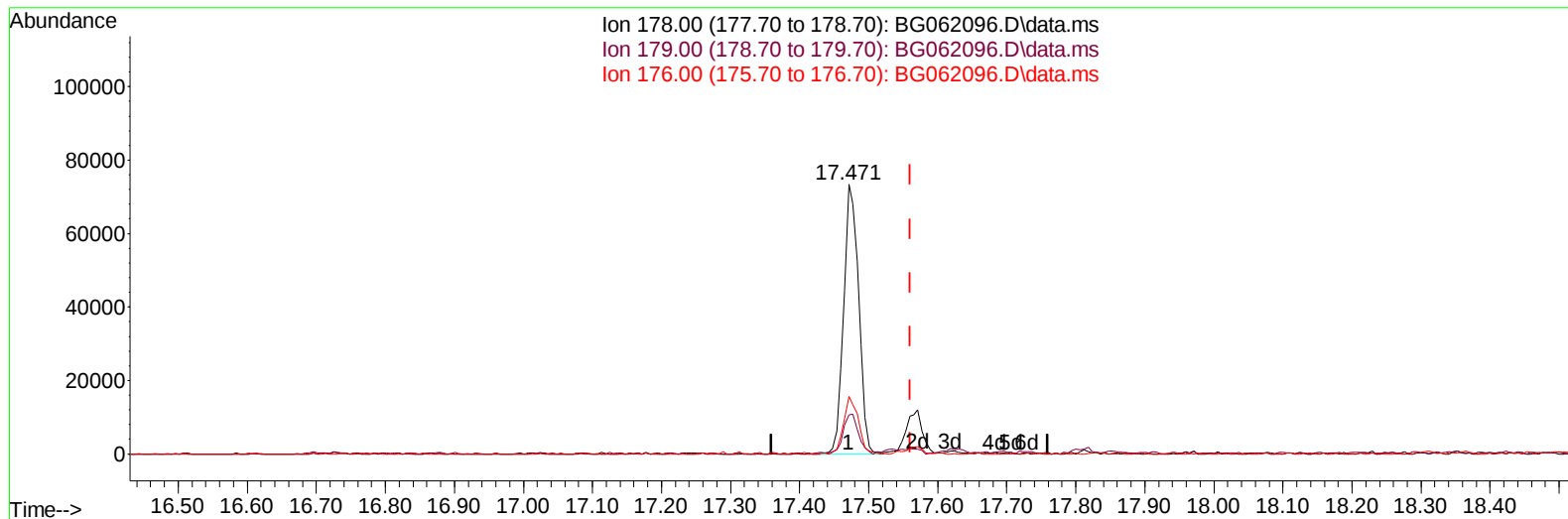
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
Data File : BG062096.D
Acq On : 16 Jul 2024 16:15
Operator : MA/JU
Sample : P3177-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BR9

Manual IntegrationsAPPROVED

Quant Time: Jul 16 16:55:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 16 12:23:16 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/17/2024
Supervised By :mohammad ahmed 07/18/2024



TIC: BG062096.D\data.ms

(74) Anthracene

17.471min (-0.089) 5.58 ng/u1

response 110428

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.90	14.46
176.00	18.40	21.46
0.00	0.00	0.00

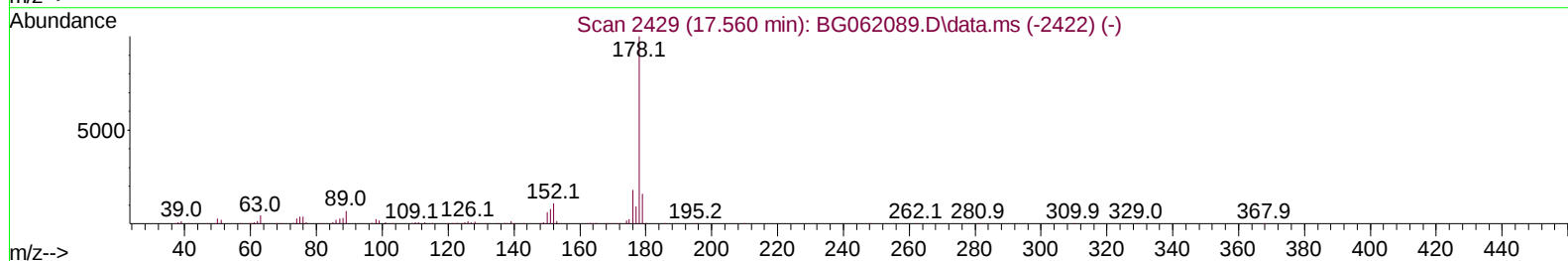
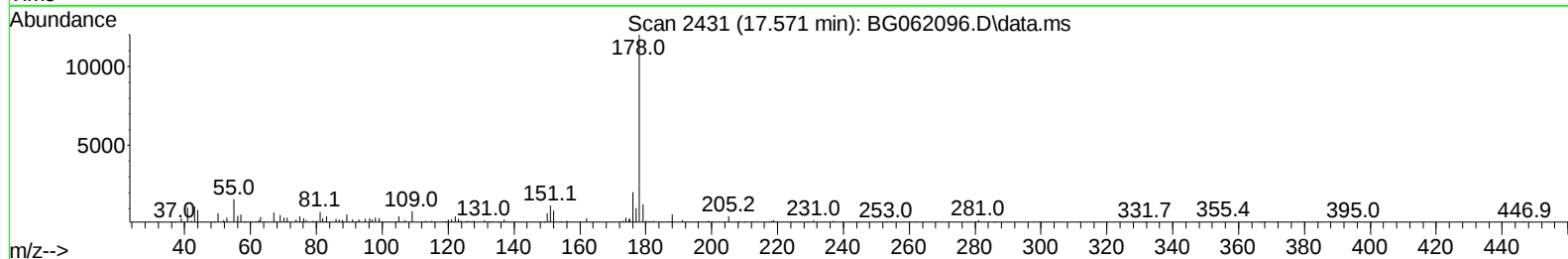
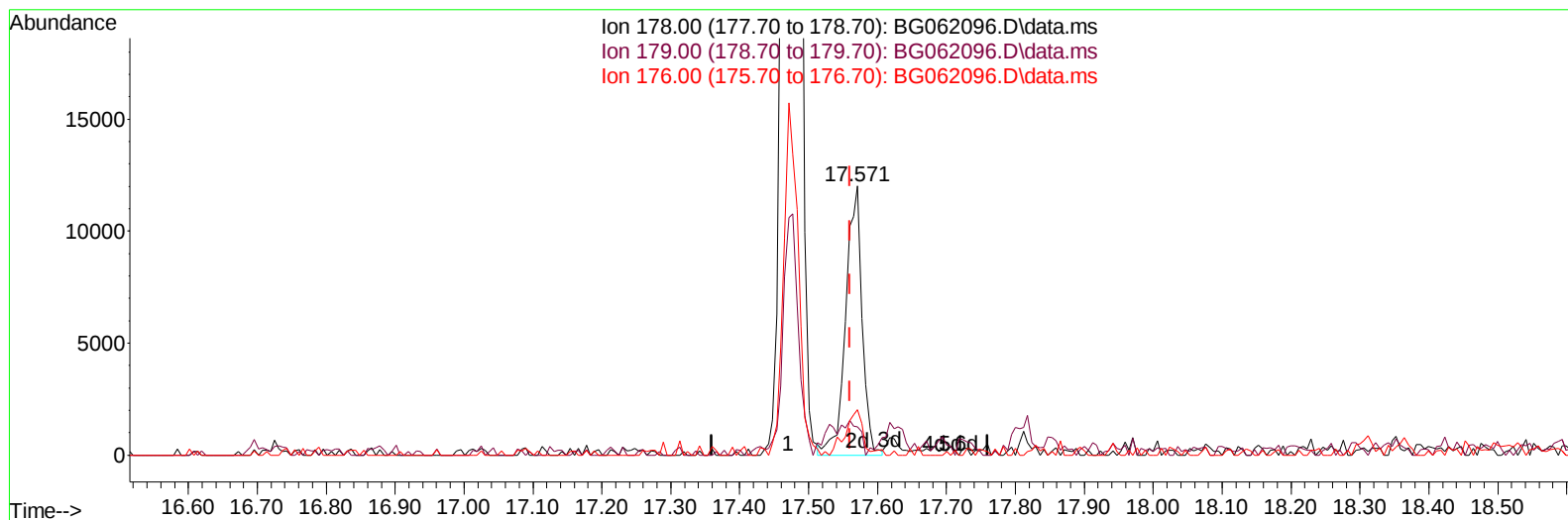
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
Data File : BG062096.D
Acq On : 16 Jul 2024 16:15
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Instrument :
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Manual IntegrationsAPPROVED

Quant Time: Jul 16 16:55:22 2024
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TIC: BG062096.D\data.ms

(74) Anthracene

17.571min (+ 0.011) 1.00 ng/ul m

response 19852

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.90	10.56#
176.00	18.40	16.85
0.00	0.00	0.00

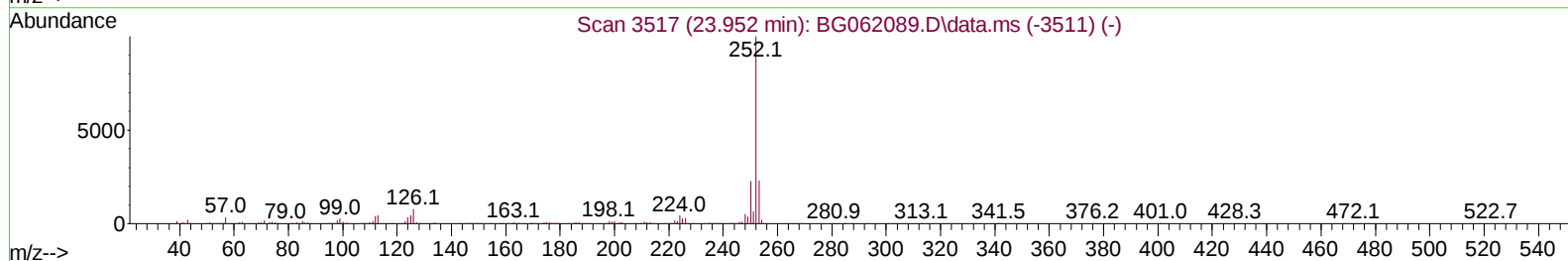
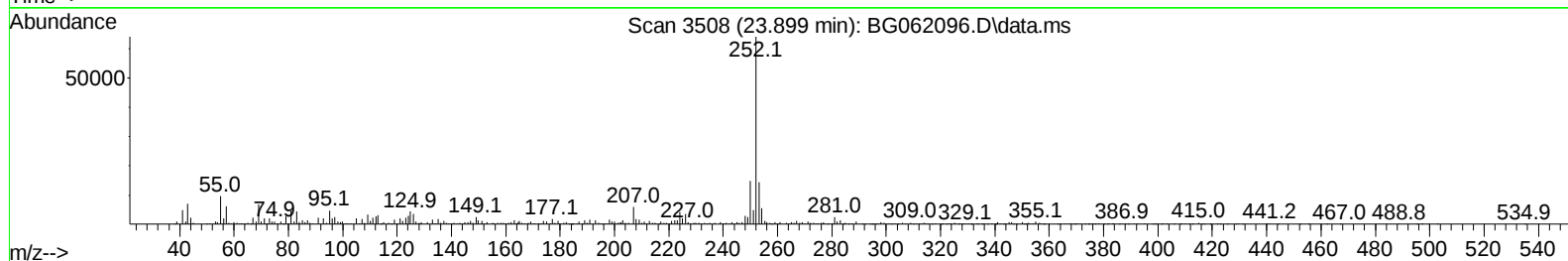
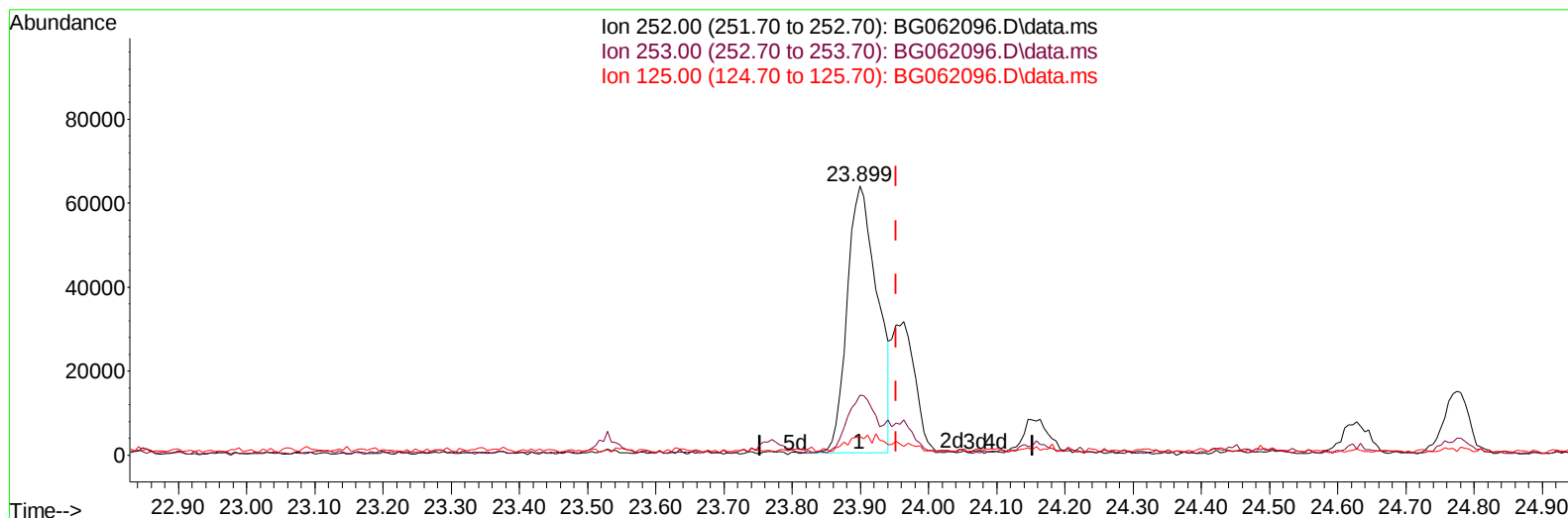
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Data File : BG062096.D
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Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG062096.D\data.ms

(91) Benzo(k)fluoranthene

23.899min (-0.053) 10.52 ng/u1

response 196244

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	22.41
125.00	7.90	6.87
0.00	0.00	0.00

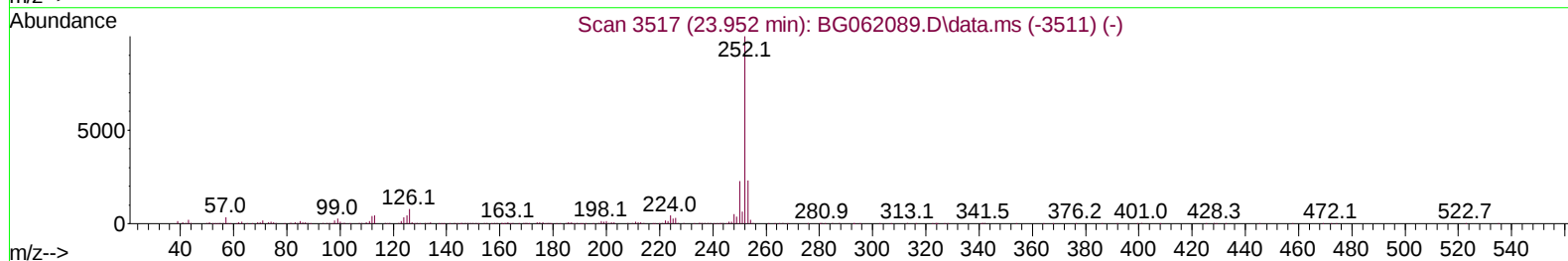
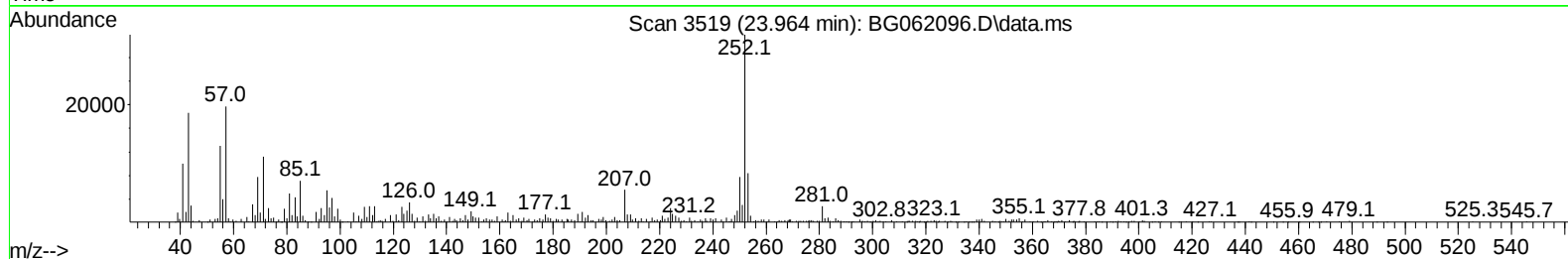
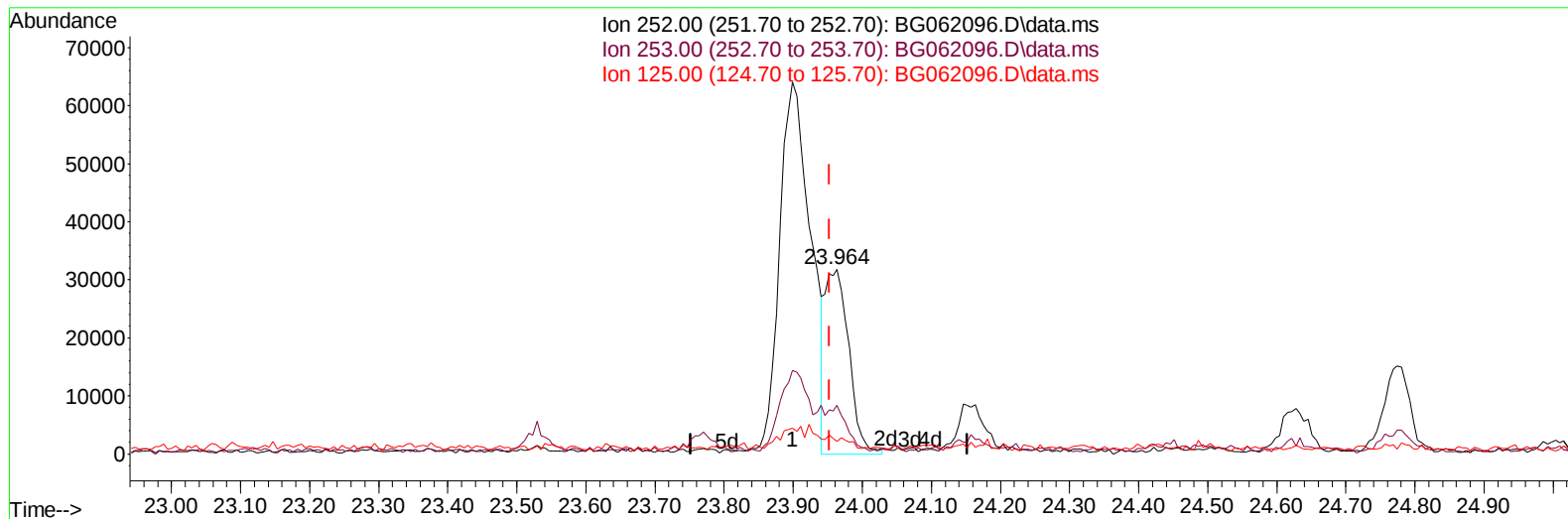
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
Data File : BG062096.D
Acq On : 16 Jul 2024 16:15
Operator : MA/JU
Sample : P3177-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/17/2024
Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 16 16:55:22 2024
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Quant Title : SVOA CALIBRATION
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TIC: BG062096.D\data.ms

(91) Benzo(k)fluoranthene

23.964min (+ 0.011) 4.07 ng/ul m

response 76025

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	26.49
125.00	7.90	6.64
0.00	0.00	0.00

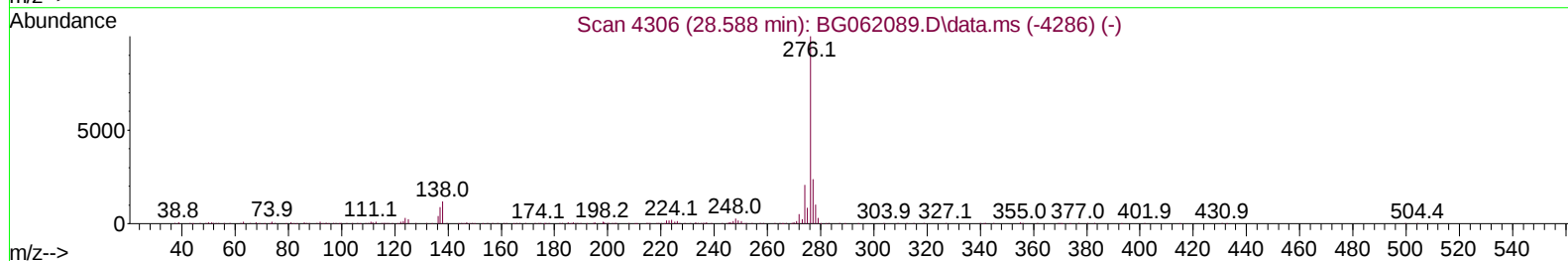
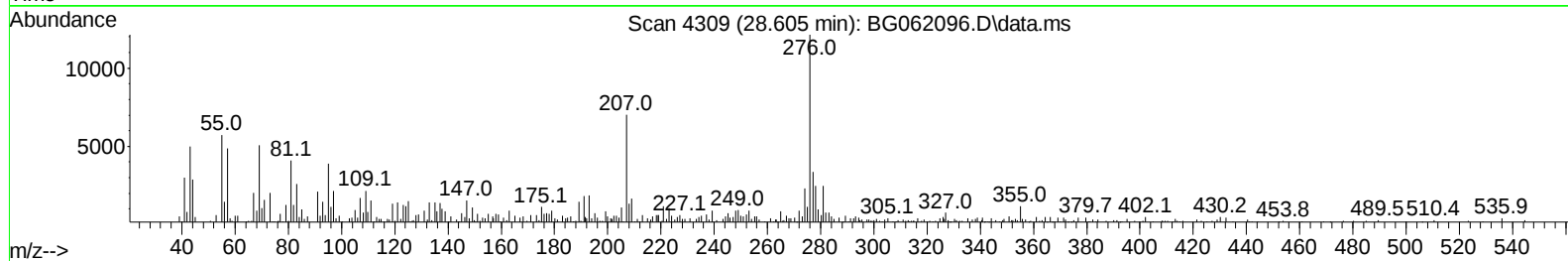
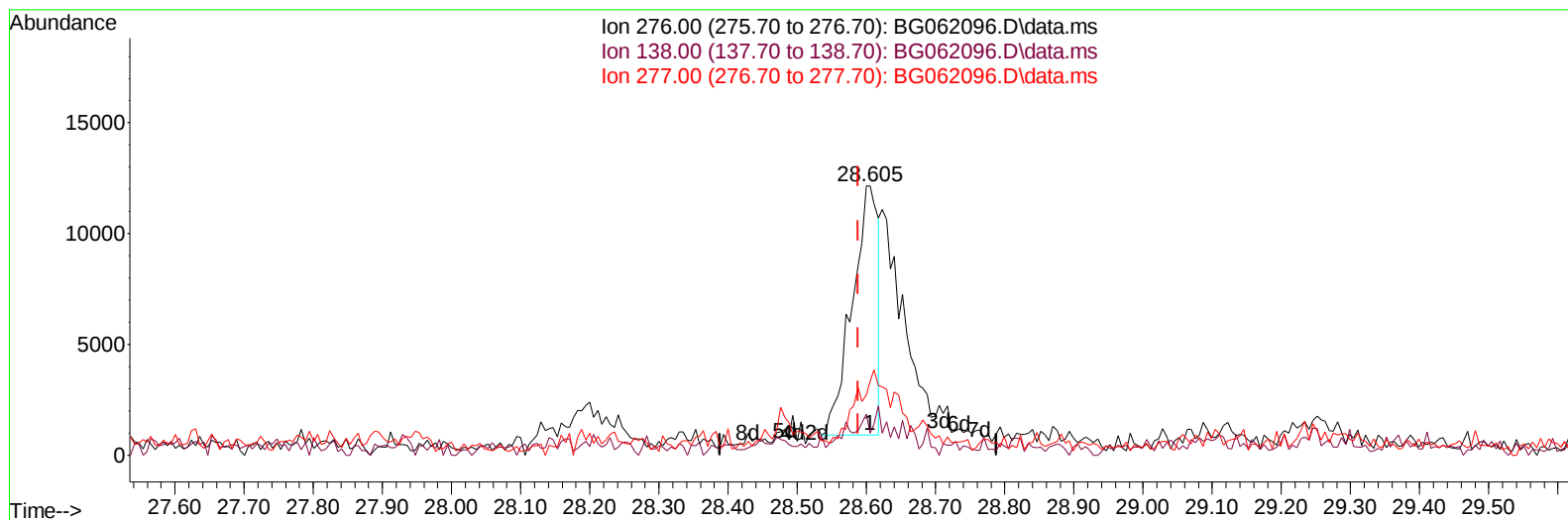
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
 Data File : BG062096.D
 Acq On : 16 Jul 2024 16:15
 Operator : MA/JU
 Sample : P3177-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BR9

Manual IntegrationsAPPROVED

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TIC: BG062096.D\data.ms

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

28.605min (+ 0.017) 1.28 ng/u1

response 29021

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	8.12#
277.00	24.10	27.60
0.00	0.00	0.00

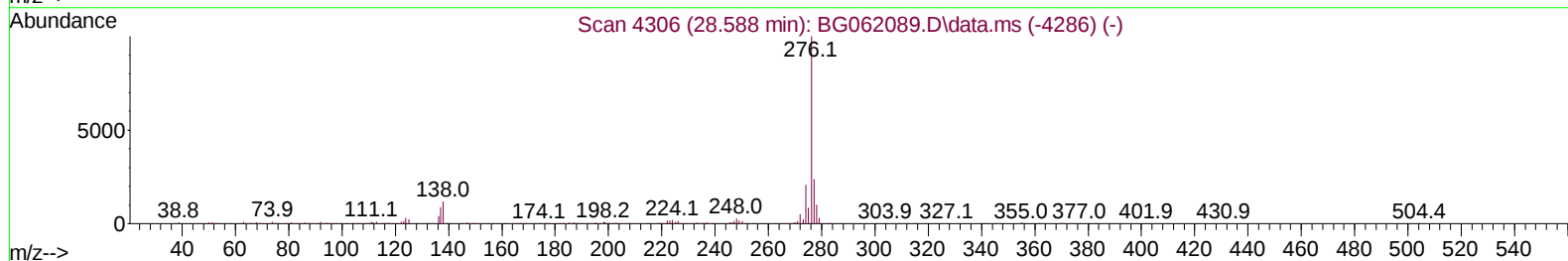
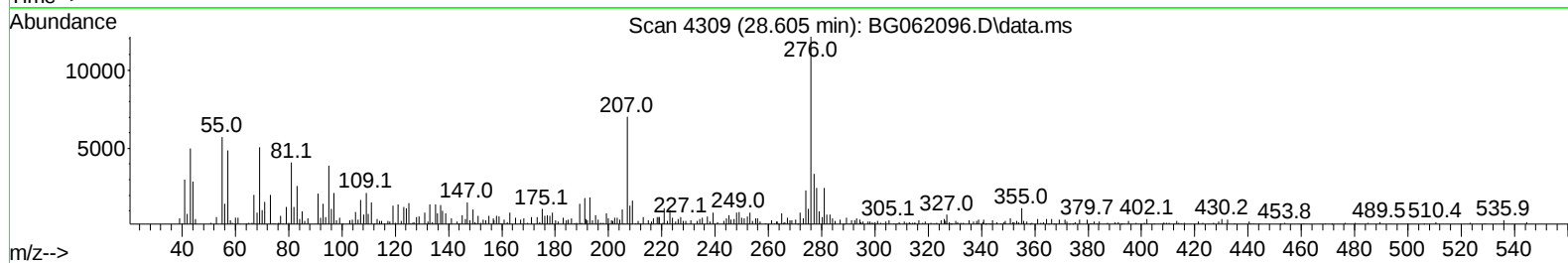
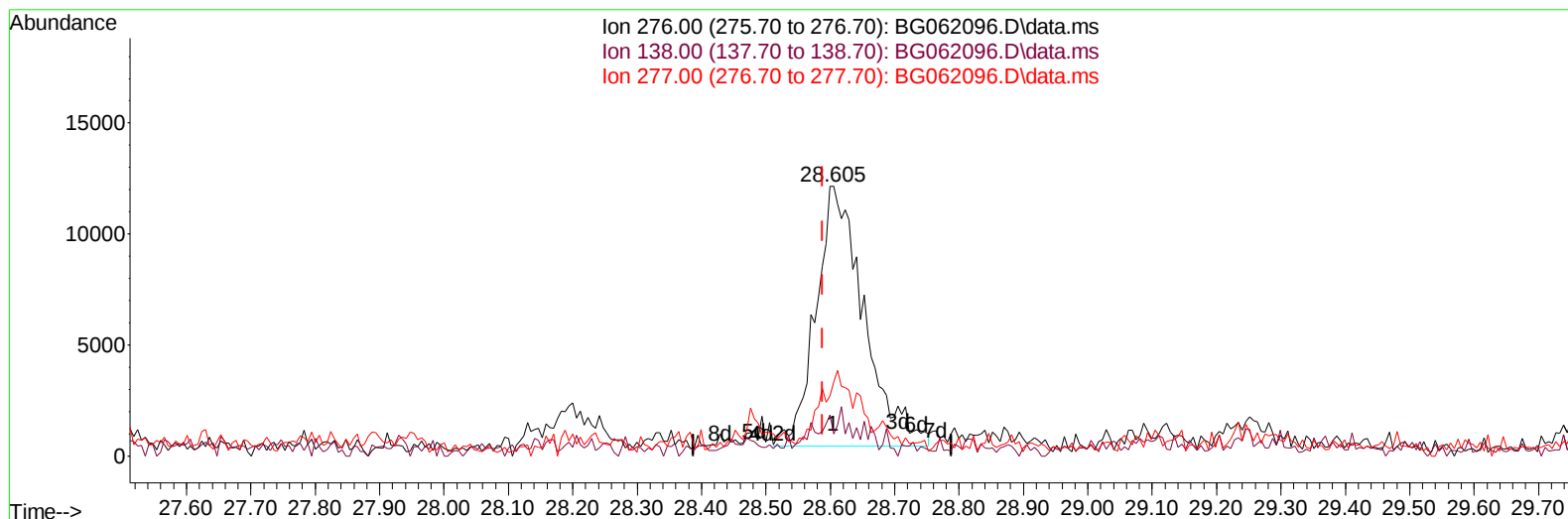
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
 Data File : BG062096.D
 Acq On : 16 Jul 2024 16:15
 Operator : MA/JU
 Sample : P3177-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BR9

Manual IntegrationsAPPROVED

Quant Time: Jul 16 16:55:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
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 QLast Update : Tue Jul 16 12:23:16 2024
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TIC: BG062096.D\data.ms

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

28.605min (+ 0.017) 2.68 ng/ul m

response 60646

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	8.12#
277.00	24.10	27.60
0.00	0.00	0.00

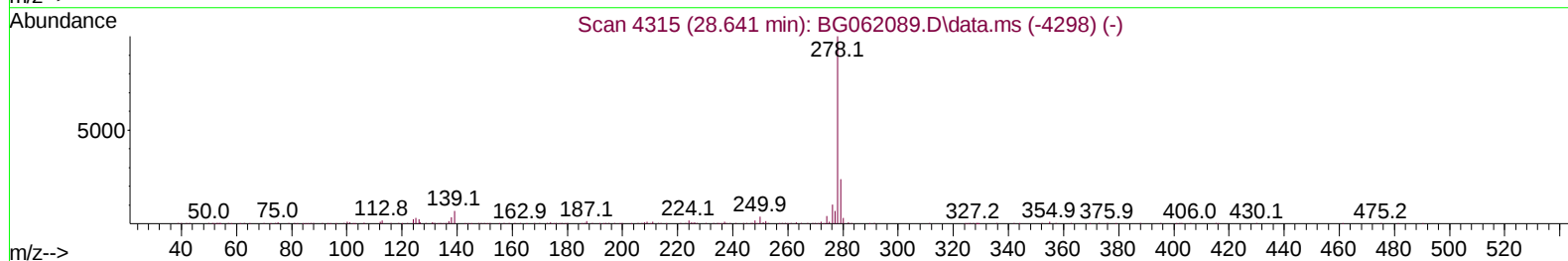
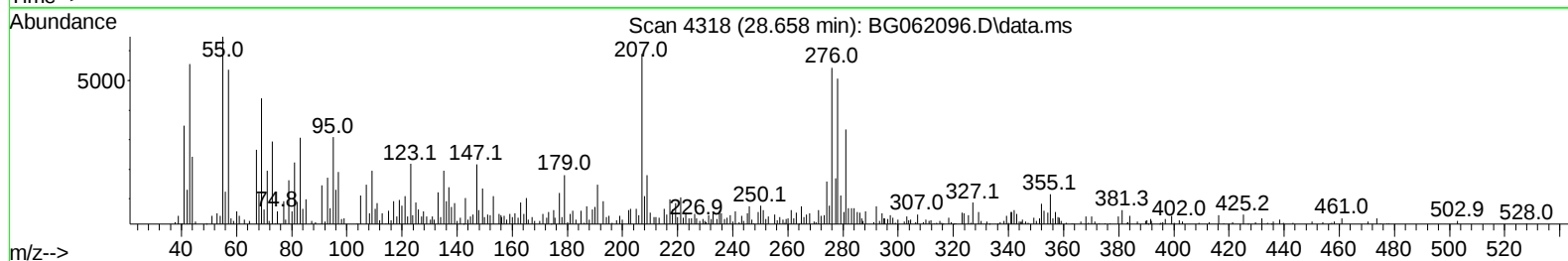
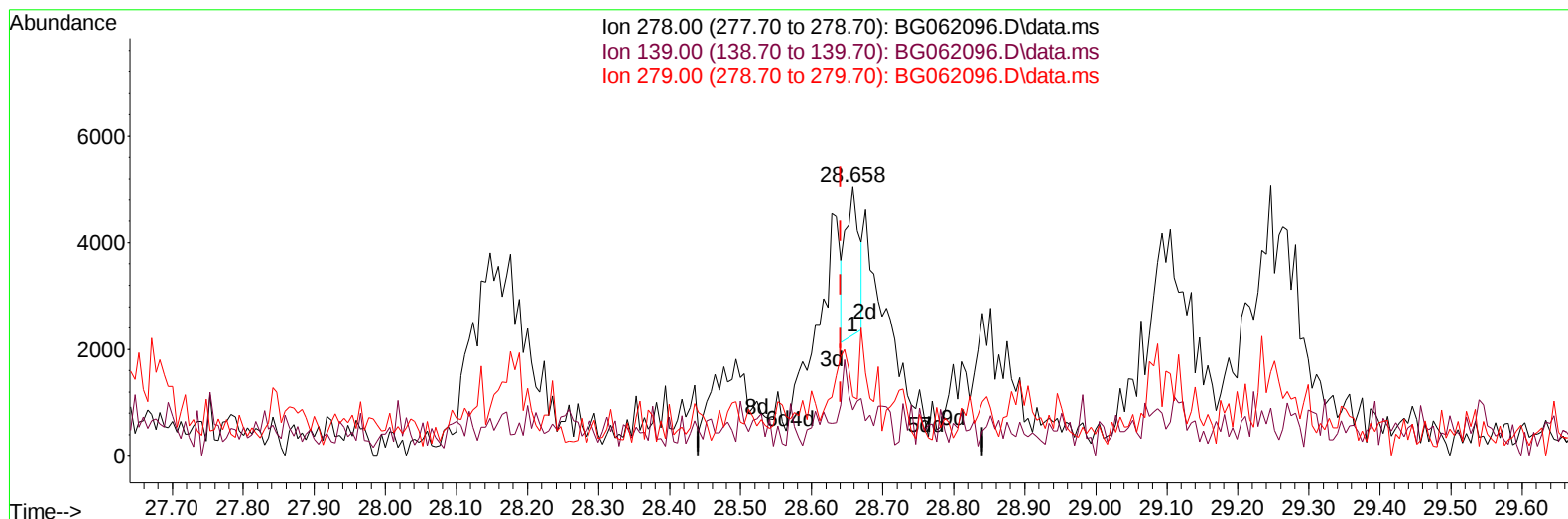
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
 Data File : BG062096.D
 Acq On : 16 Jul 2024 16:15
 Operator : MA/JU
 Sample : P3177-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BR9

Manual IntegrationsAPPROVED

Quant Time: Jul 16 16:58:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 16 12:23:16 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/17/2024
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TIC: BG062096.D\data.ms

(95) Dibenzo(a,h)anthracene

28.658min (+ 0.017) 0.20 ng/u1

response 3739

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.50	17.14#
279.00	23.50	22.07
0.00	0.00	0.00

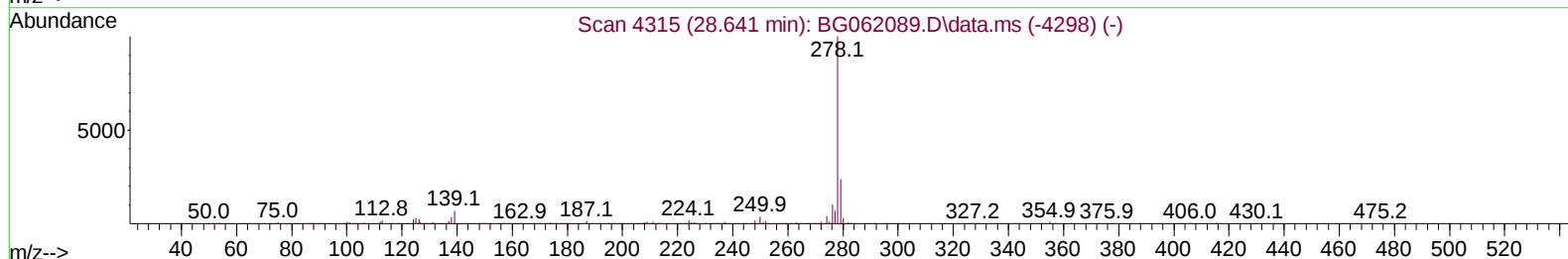
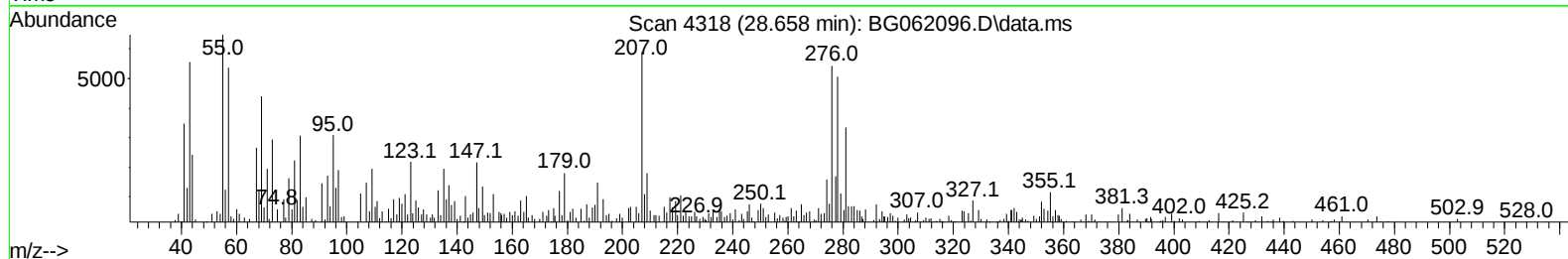
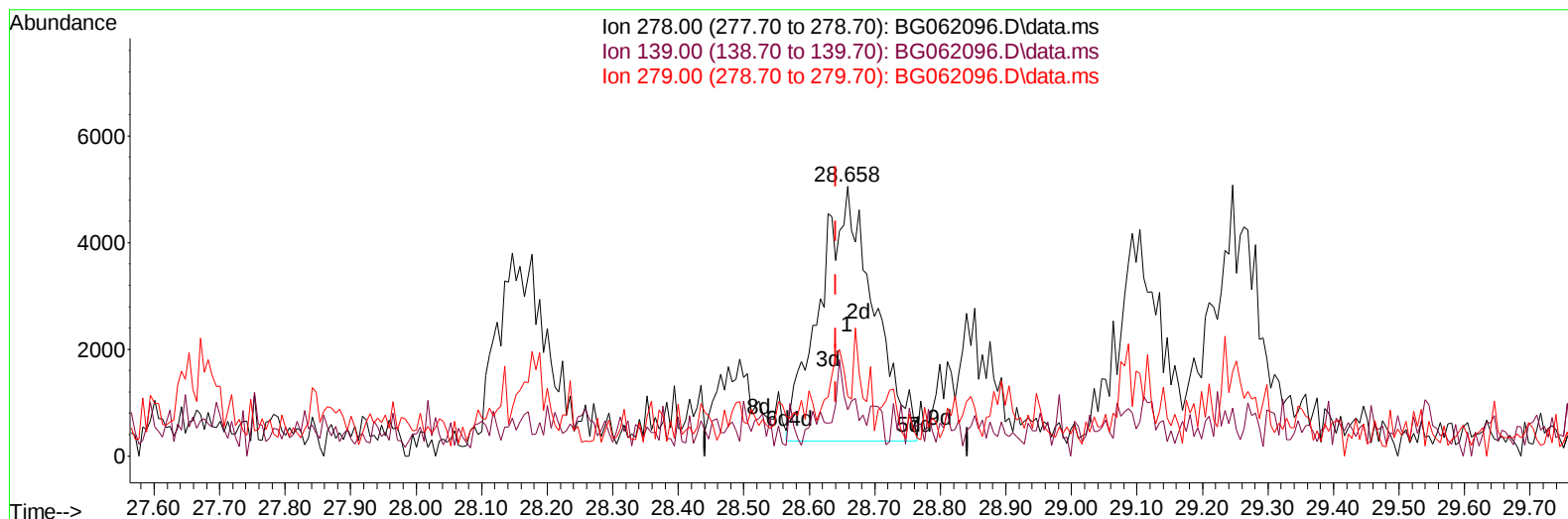
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
 Data File : BG062096.D
 Acq On : 16 Jul 2024 16:15
 Operator : MA/JU
 Sample : P3177-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BR9

Manual IntegrationsAPPROVED

Quant Time: Jul 16 16:58:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 16 12:23:16 2024
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 Supervised By :mohammad ahmed 07/18/2024



TIC: BG062096.D\data.ms

(95) Dibenzo(a,h)anthracene

28.658min (+ 0.017) 1.46 ng/ul m

response 27361

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.50	17.14#
279.00	23.50	22.07
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
 Data File : BG062096.D
 Acq On : 16 Jul 2024 16:15
 Operator : MA/JU
 Sample : P3177-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BR9

Manual IntegrationsAPPROVED

Quant Time: Jul 16 16:59:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	46872	20.000	ng/ul	0.00
20) Naphthalene-d8	10.867	136	209280	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.686	164	170837	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.430	188	362896	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.696	240	288074	20.000	ng/ul	# 0.00
88) Perylene-d12	24.933	264	296978	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.441	96	2189	1.755	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.224	99	73628	14.354	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.371	67	42937	13.218	ng/ul	0.00
11) 2-Chlorophenol-d4	7.589	132	56768	16.134	ng/ul	0.00
15) 4-Methylphenol-d8	8.770	113	48620	12.038	ng/ul	0.00
21) Nitrobenzene-d5	9.222	128	30104	18.914	ng/ul	0.00
24) 2-Nitrophenol-d4	9.951	143	36713	20.198	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.491	165	59948	17.099	ng/ul	0.00
31) 4-Chloroaniline-d4	11.002	131	40251	7.908	ng/ul	0.00
46) Dimethylphthalate-d6	14.087	166	236255	16.821	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	247101	16.825	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	27359	12.198	ng/ul	0.00
60) Fluorene-d10	15.679	176	163672	13.843	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.797	200	26034	13.660	ng/ul	0.00
73) Anthracene-d10	17.530	188	299809	17.695	ng/ul	0.00
81) Pyrene-d10	19.816	212	253149	14.940	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.704	264	134954	9.163	ng/ul	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.471	178	110428	5.771	ng/ul	97
74) Anthracene	17.571	178	19852m	1.004	ng/ul	
80) Fluoranthene	19.481	202	256948	12.814	ng/ul#	91
82) Pyrene	19.845	202	150612	7.271	ng/ul#	94
85) Benzo(a)anthracene	21.678	228	111569	5.349	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.561	149	52526	4.211	ng/ul#	98
87) Chrysene	21.743	228	126487	6.478	ng/ul	97
90) Benzo(b)fluoranthene	23.899	252	196244	10.488	ng/ul	98
91) Benzo(k)fluoranthene	23.964	252	76025m	4.075	ng/ul	
93) Benzo(a)pyrene	24.774	252	38558	2.176	ng/ul#	88
94) Indeno(1,2,3-cd)pyrene	28.605	276	60646m	2.678	ng/ul	
95) Dibenzo(a,h)anthracene	28.658	278	27361m	1.463	ng/ul	

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

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