

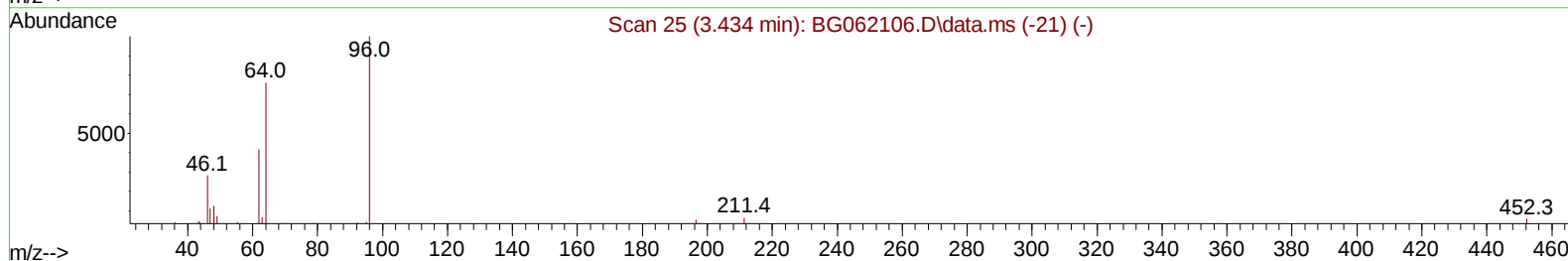
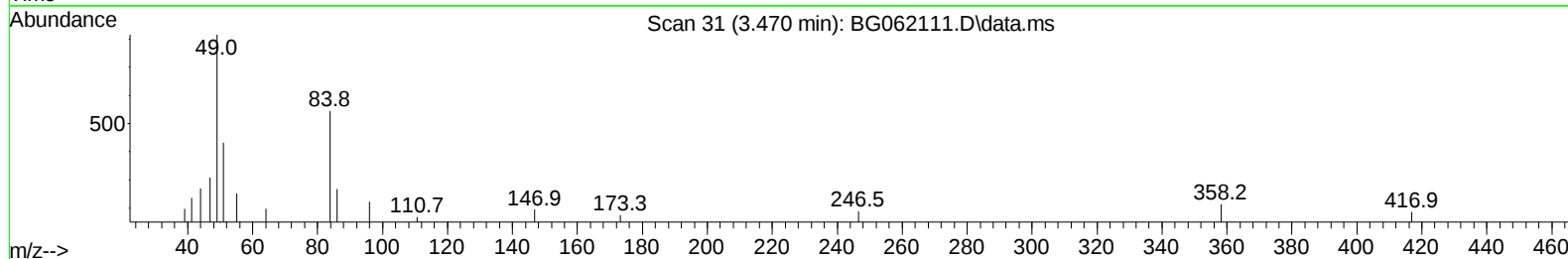
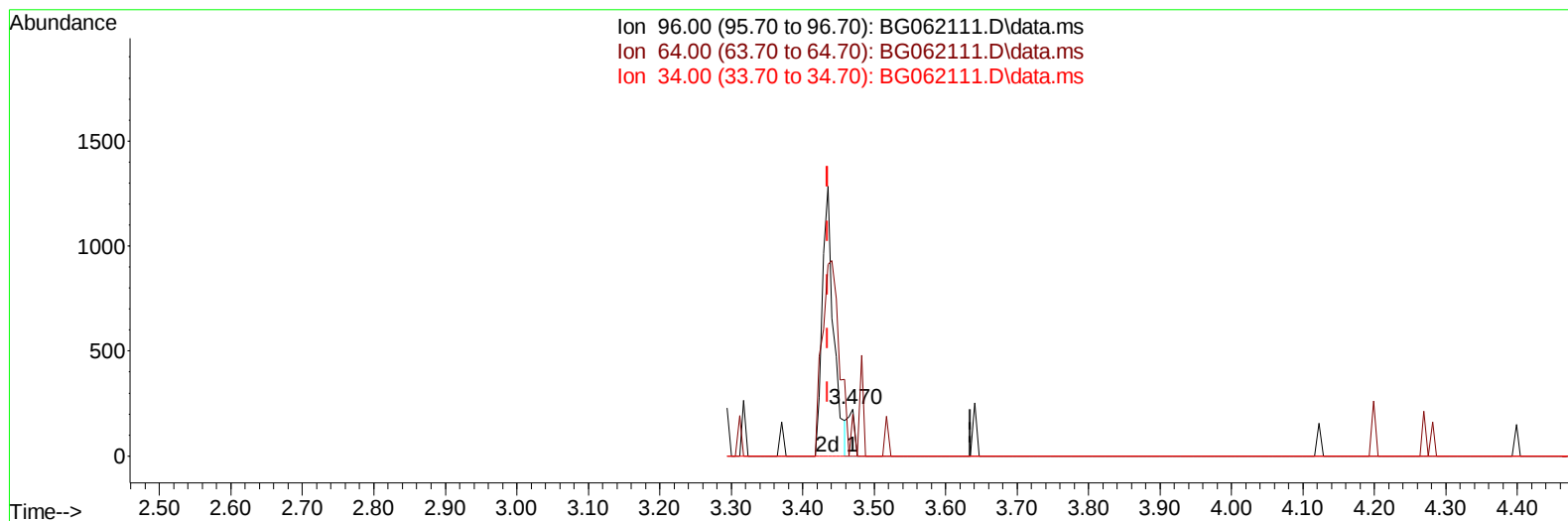
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071724\
Data File : BG062111.D
Acq On : 17 Jul 2024 13:40
Operator : MA/JU
Sample : P3177-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BX3

Manual IntegrationsAPPROVED

Quant Time: Jul 18 01:36:23 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 :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



TIC: BG062111.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.470min (+ 0.035) 0.14 ng/uL

response 145

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	104.80	88.39
34.00	0.00	0.00
0.00	0.00	0.00

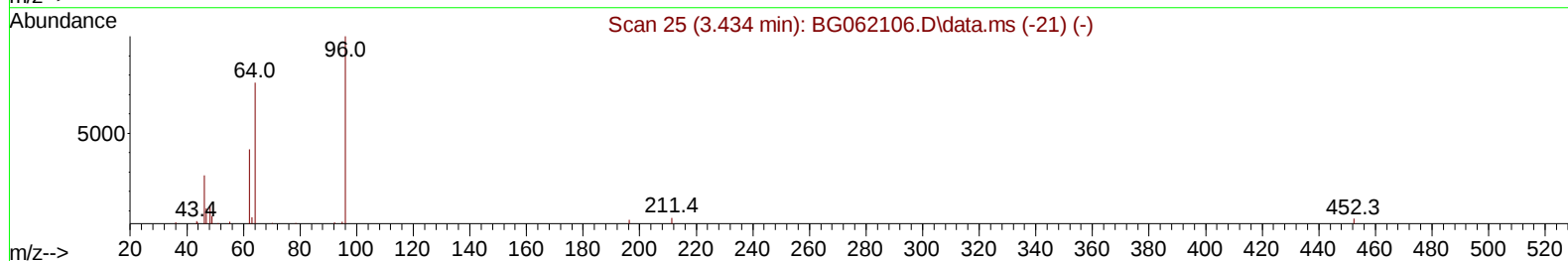
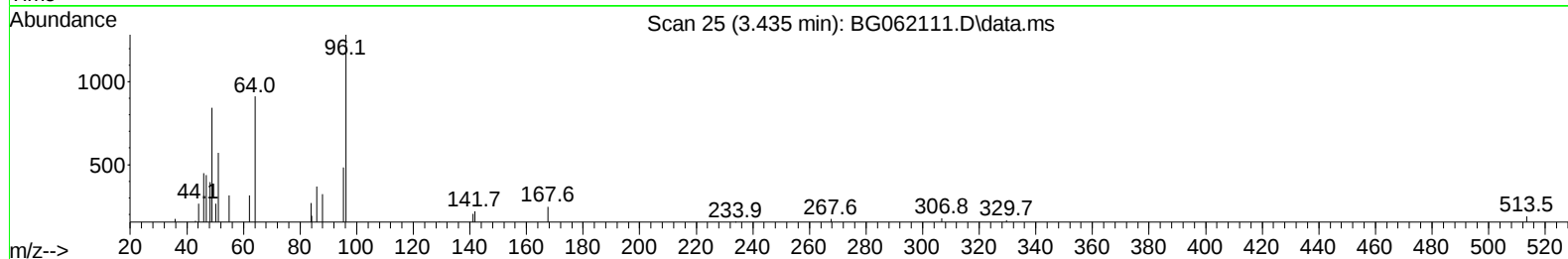
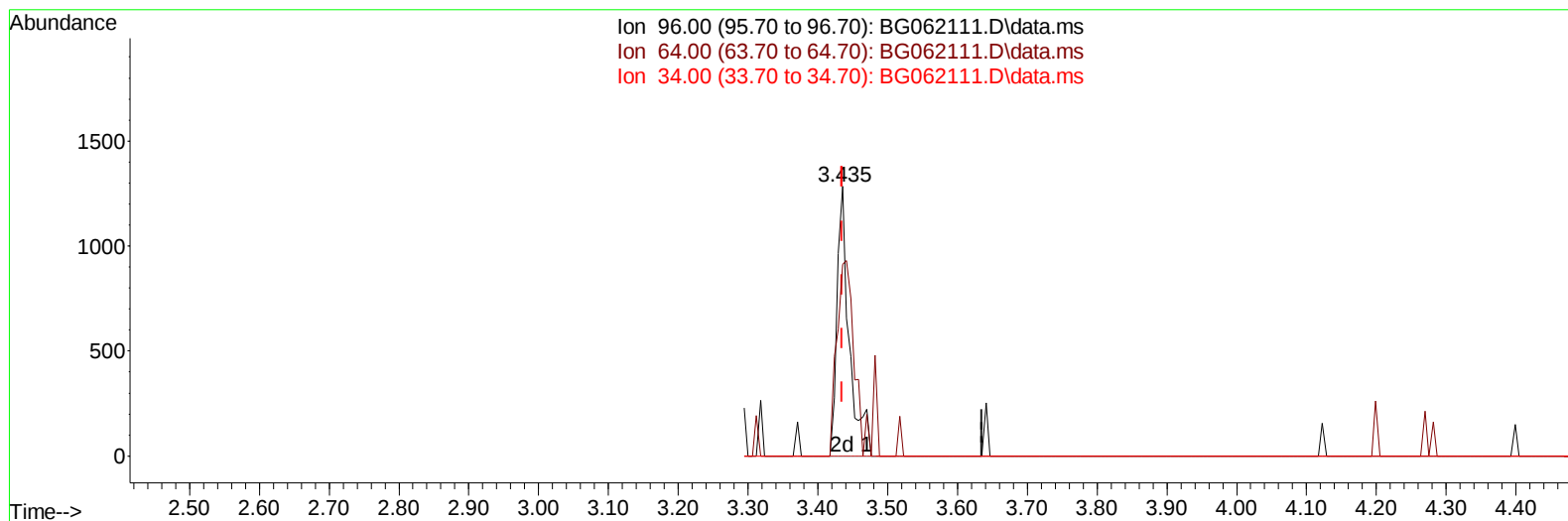
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071724\
Data File : BG062111.D
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Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
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Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



TIC: BG062111.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.435min (-0.000) 1.55 ng/uL m

response 1555

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	104.80	71.01#
34.00	0.00	0.00
0.00	0.00	0.00

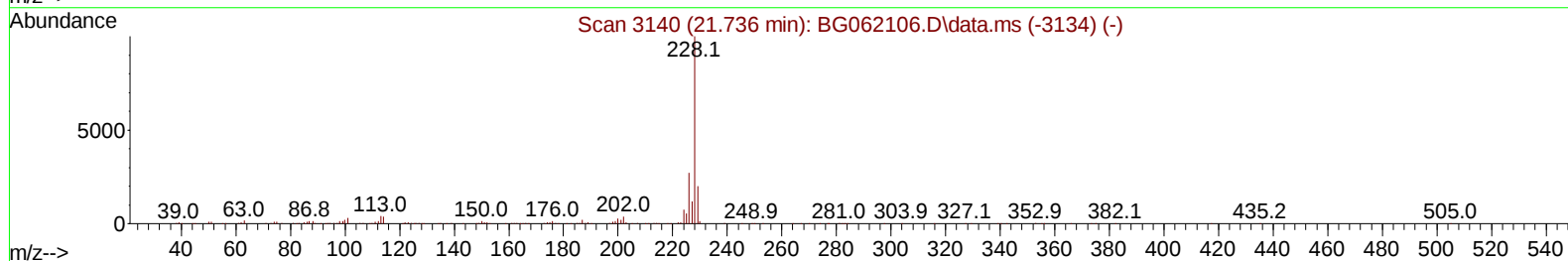
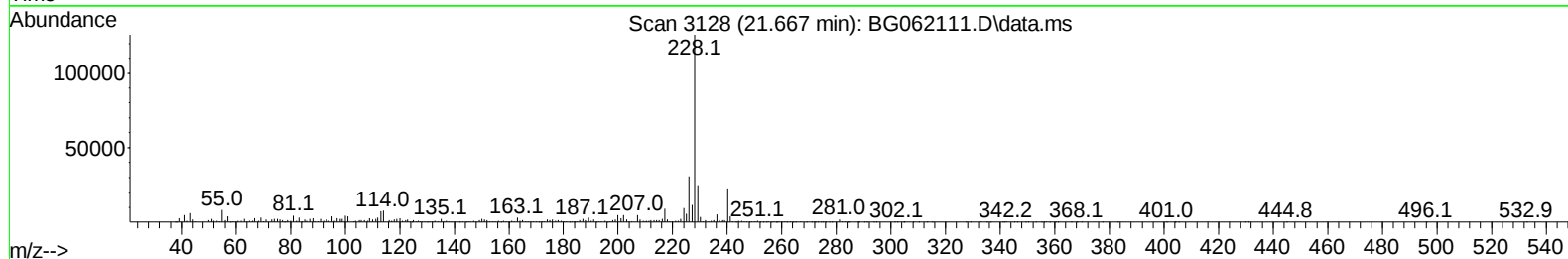
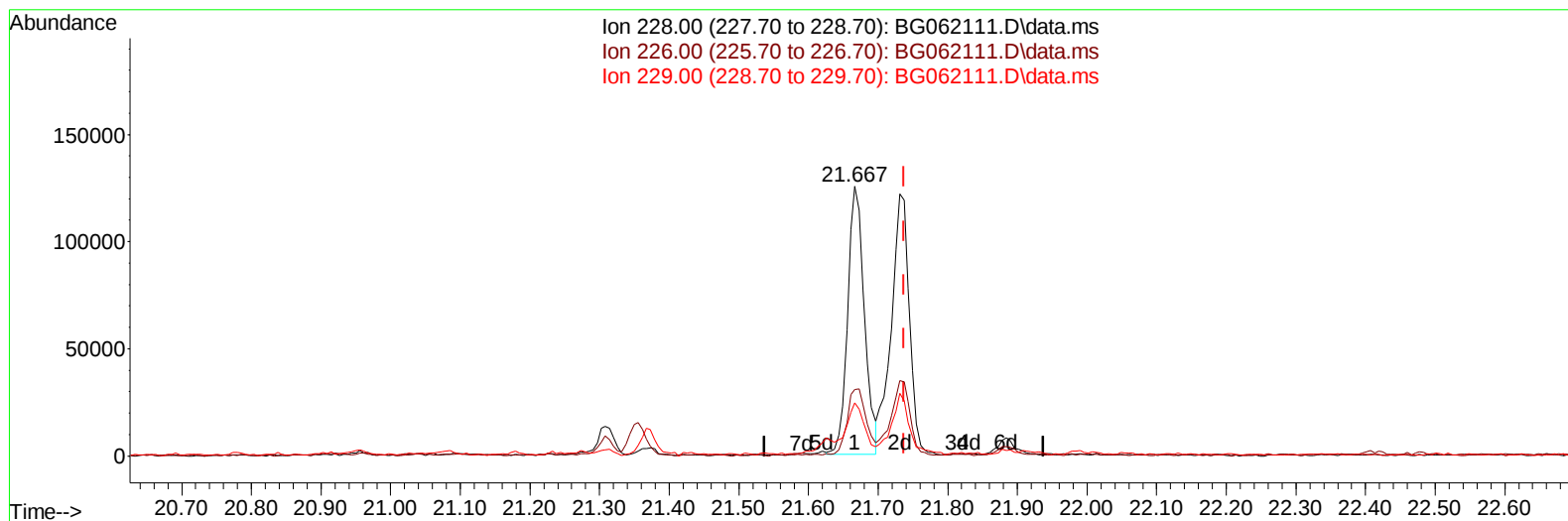
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071724\
Data File : BG062111.D
Acq On : 17 Jul 2024 13:40
Operator : MA/JU
Sample : P3177-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG062111.D\data.ms

(87) Chrysene

21.667min (-0.071) 12.01 ng/u1

response 209371

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.10	24.60
229.00	19.40	19.75
0.00	0.00	0.00

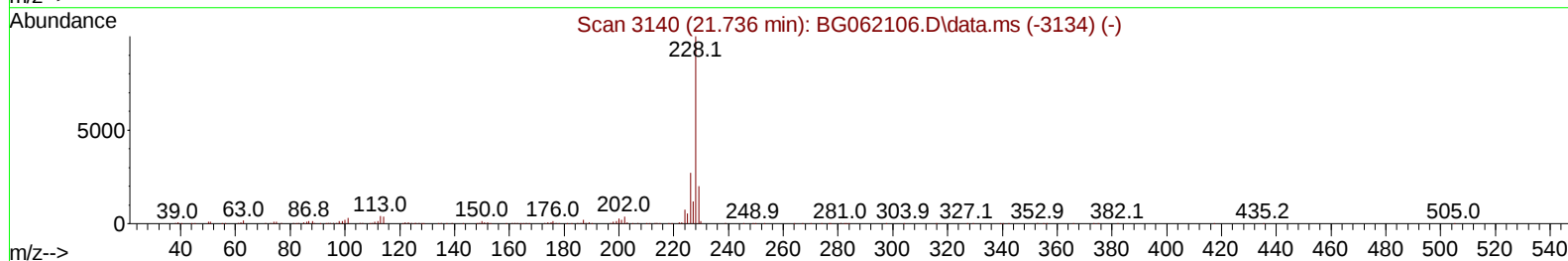
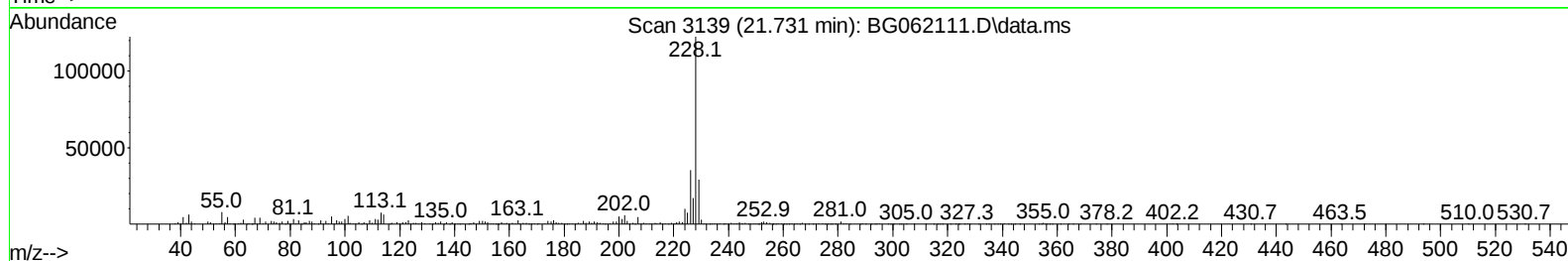
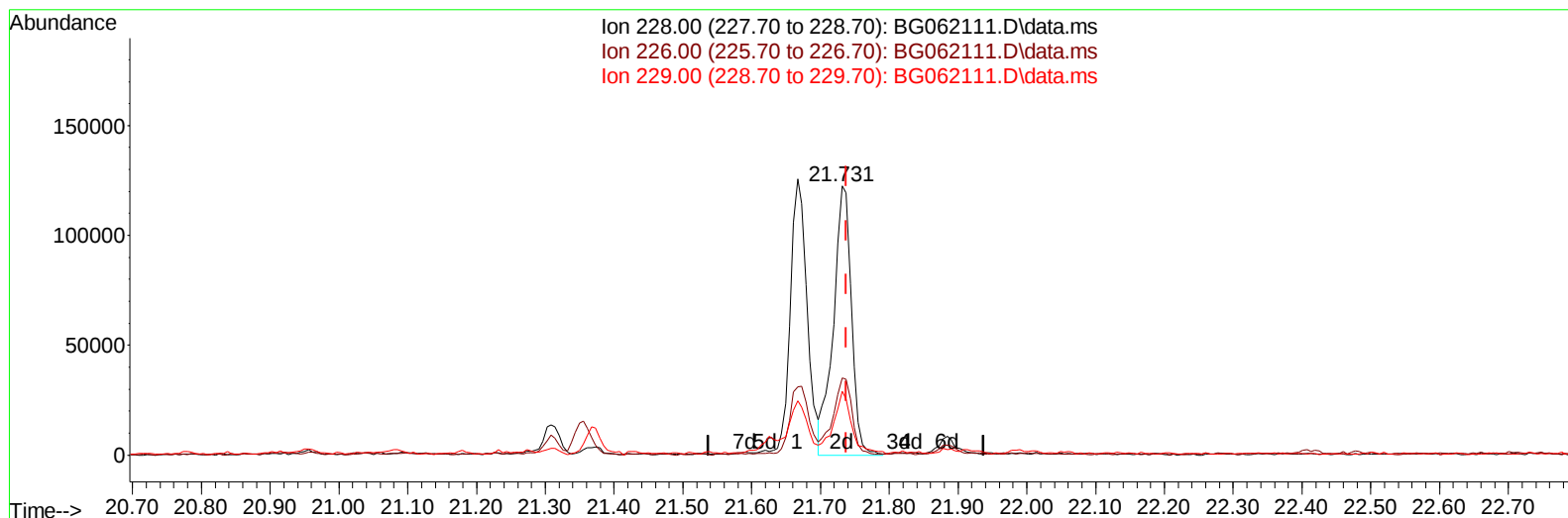
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071724\
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Sample : P3177-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/18/2024
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TIC: BG062111.D\data.ms

(87) Chrysene

21.731min (-0.006) 12.81 ng/ul m

response 223211

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.10	28.76
229.00	19.40	23.77#
0.00	0.00	0.00

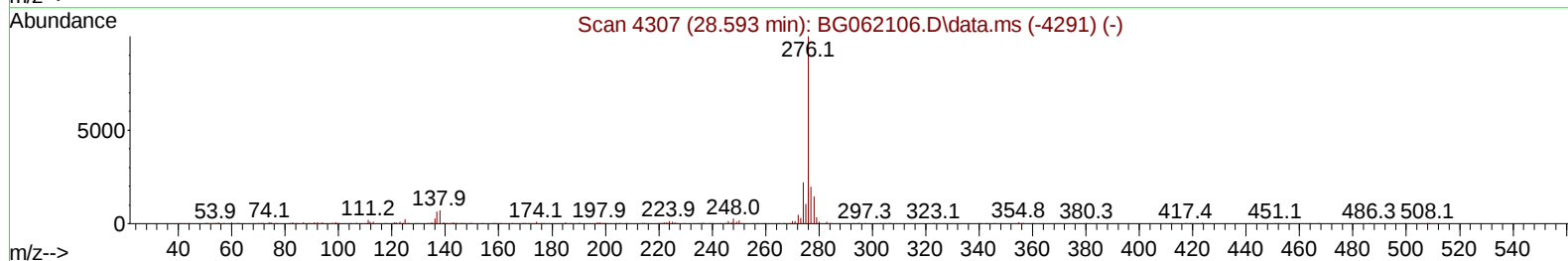
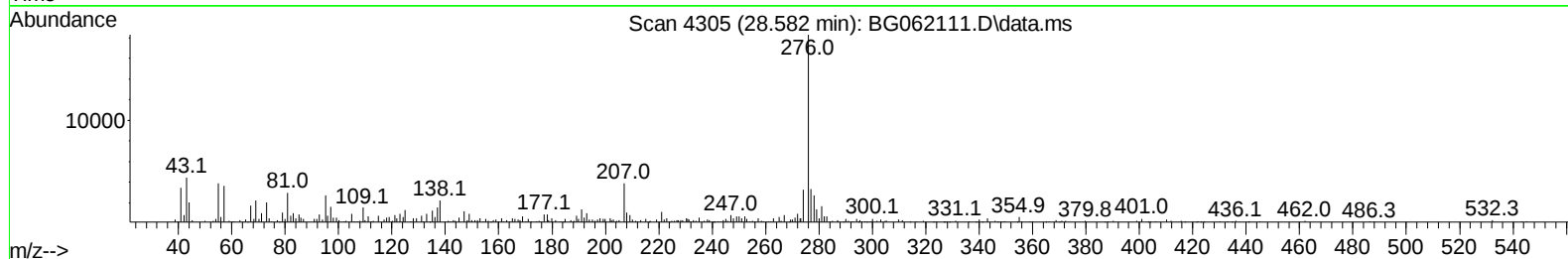
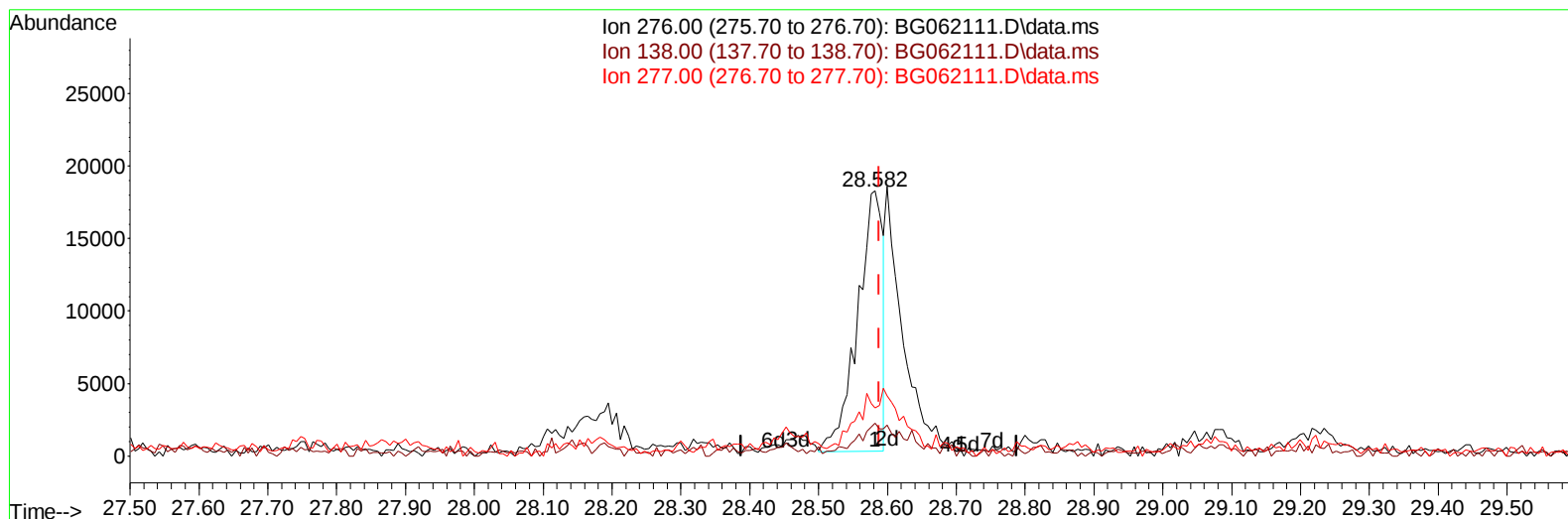
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071724\
Data File : BG062111.D
Acq On : 17 Jul 2024 13:40
Operator : MA/JU
Sample : P3177-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BX3

Manual IntegrationsAPPROVED

Quant Time: Jul 18 01:36:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
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TIC: BG062111.D\data.ms

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

28.582min (-0.006) 1.87 ng/u1

response 45669

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	12.32
277.00	24.10	18.15#
0.00	0.00	0.00

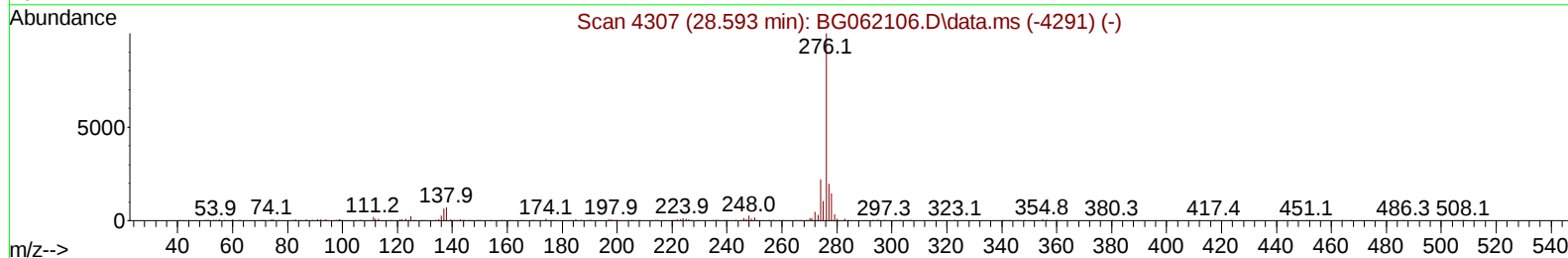
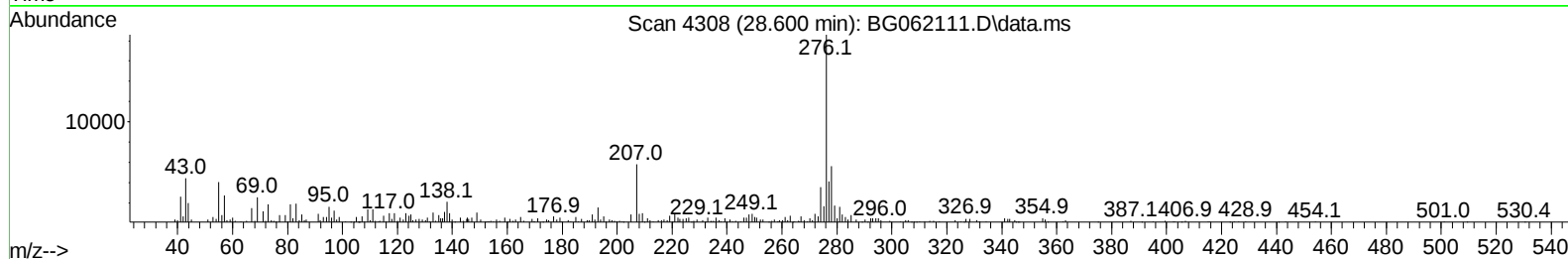
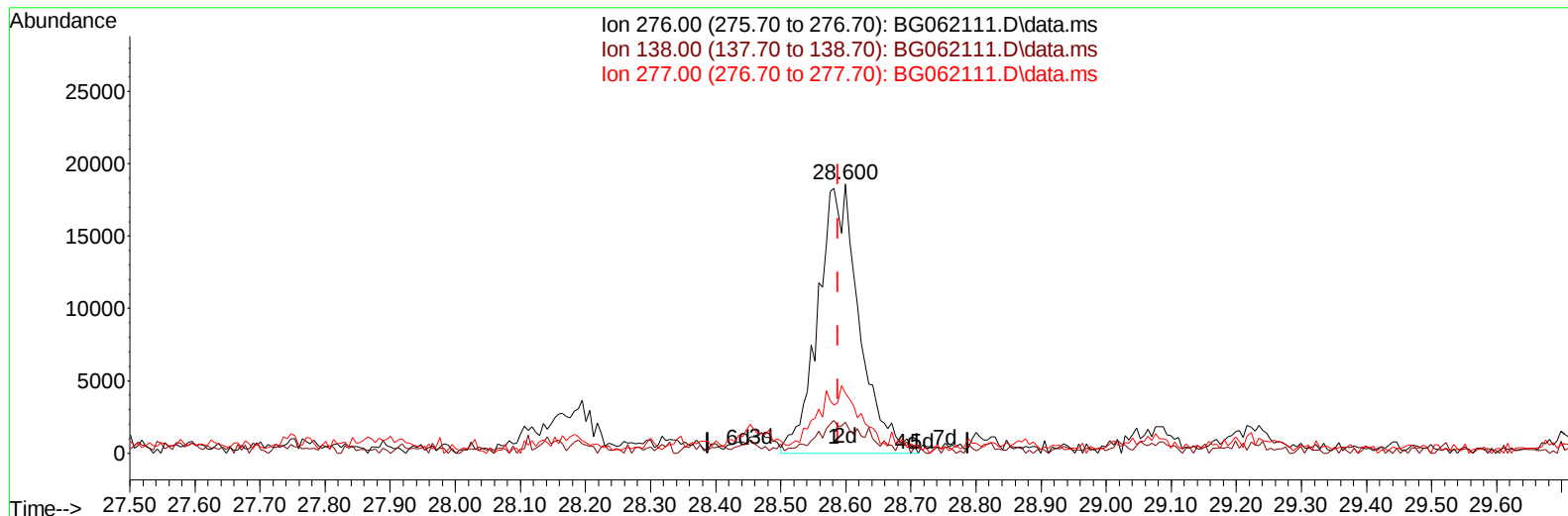
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071724\
Data File : BG062111.D
Acq On : 17 Jul 2024 13:40
Operator : MA/JU
Sample : P3177-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BX3

Manual IntegrationsAPPROVED

Quant Time: Jul 18 01:36:23 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 :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



TIC: BG062111.D\data.ms

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

28.600min (+ 0.012) 3.33 ng/ul m

response 81099

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	11.55#
277.00	24.10	22.20
0.00	0.00	0.00

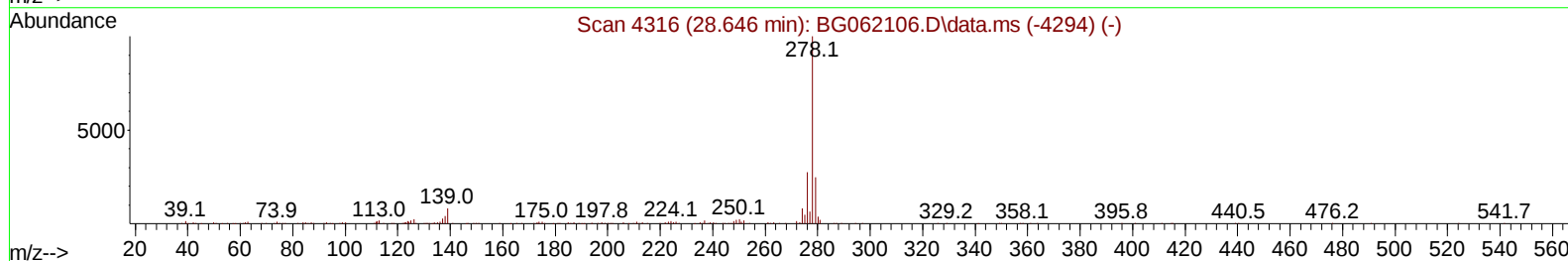
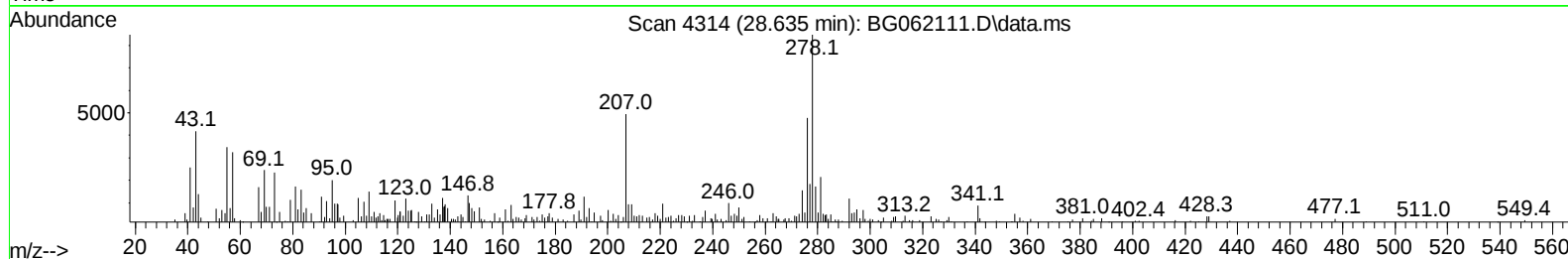
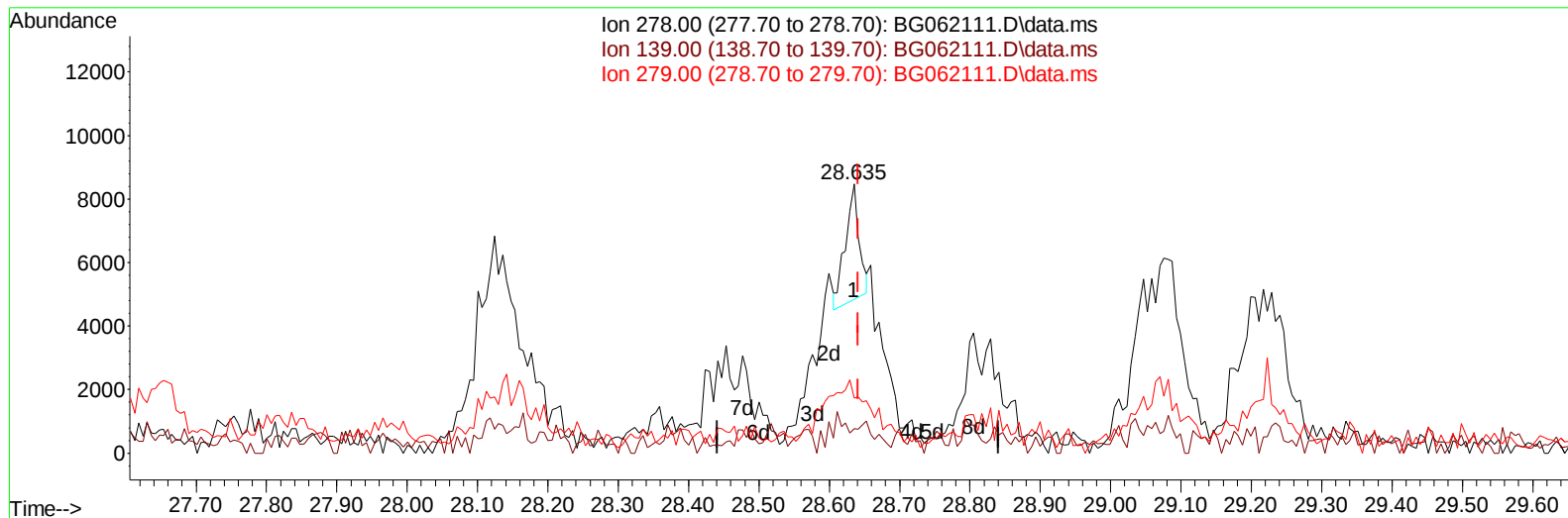
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071724\
Data File : BG062111.D
Acq On : 17 Jul 2024 13:40
Operator : MA/JU
Sample : P3177-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BX3

Manual IntegrationsAPPROVED

Quant Time: Jul 18 01:51:07 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 :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



TIC: BG062111.D\data.ms

(95) Dibenzo(a,h)anthracene

28.635min (-0.006) 0.25 ng/u1

response 4957

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.50	9.20
279.00	23.50	20.51
0.00	0.00	0.00

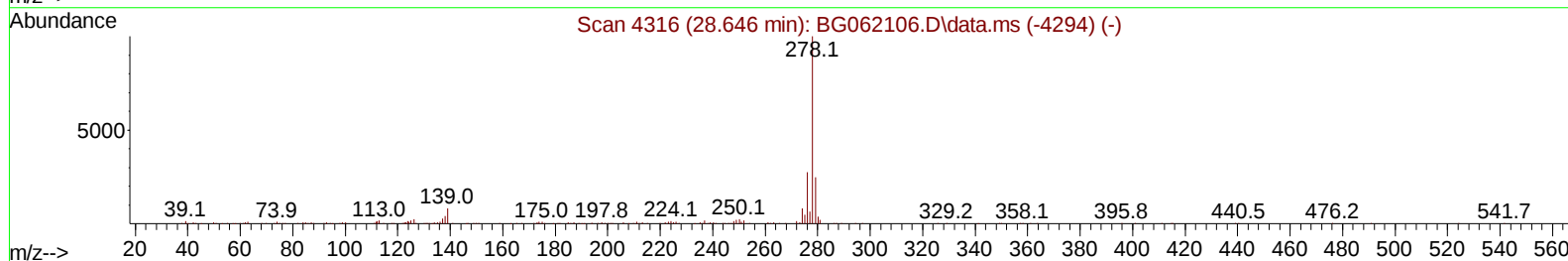
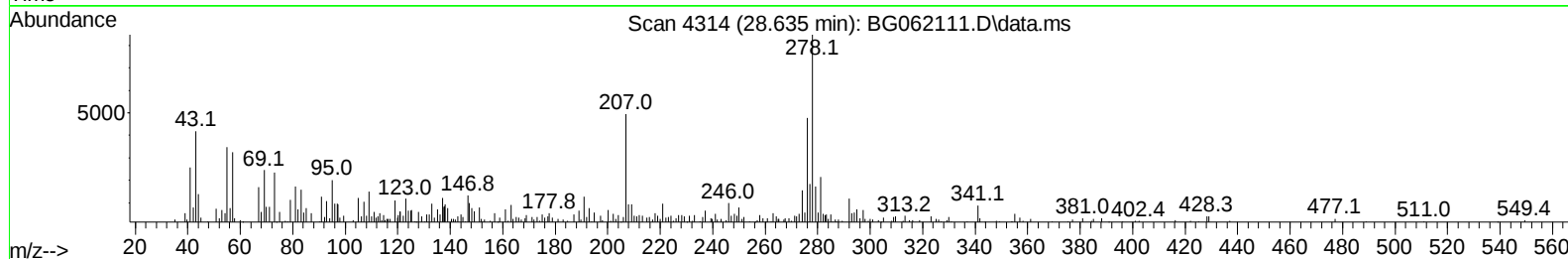
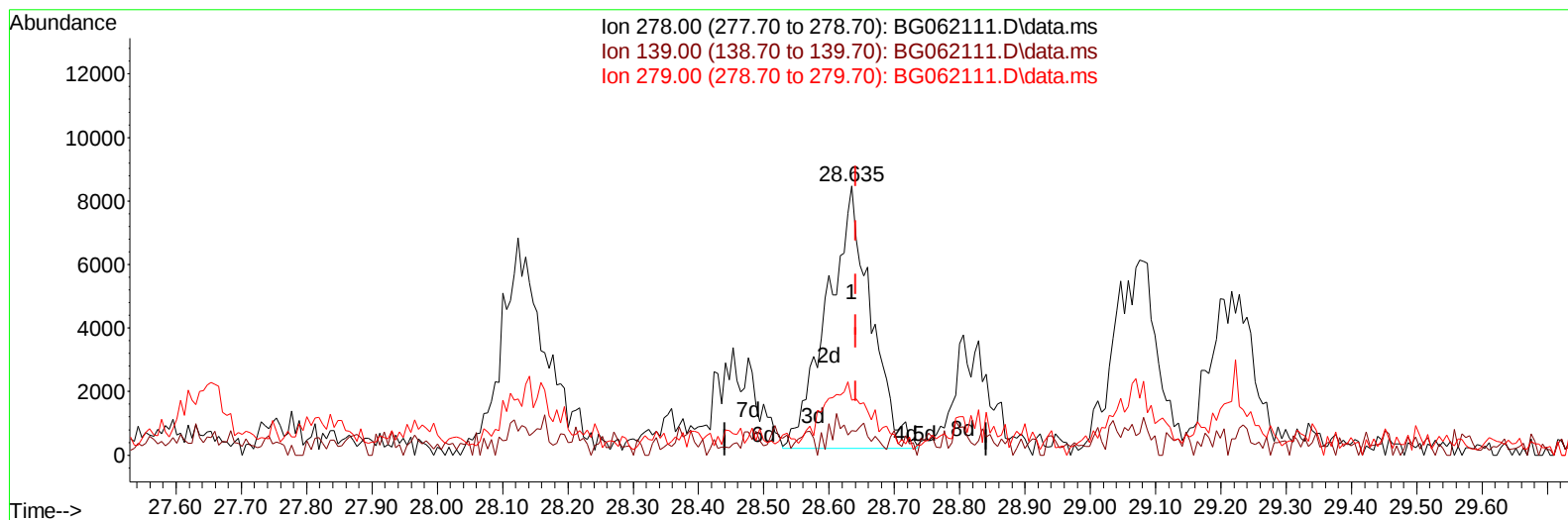
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071724\
Data File : BG062111.D
Acq On : 17 Jul 2024 13:40
Operator : MA/JU
Sample : P3177-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BX3

Manual IntegrationsAPPROVED

Quant Time: Jul 18 01:51:07 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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Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



TIC: BG062111.D\data.ms

(95) Dibenzo(a,h)anthracene

28.635min (-0.006) 1.89 ng/ul m

response 38041

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.50	9.20
279.00	23.50	20.51
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071724\
 Data File : BG062111.D
 Acq On : 17 Jul 2024 13:40
 Operator : MA/JU
 Sample : P3177-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BX3

Manual IntegrationsAPPROVED

Quant Time: Jul 18 01:51:45 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

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 Supervised By :mohammad ahmed 07/18/2024

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.042	152		37747	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.856	136		188518	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.675	164		130980	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.425	188		283645	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.690	240		257118	20.000	ng/ul	# 0.00
88) Perylene-d12	24.910	264		319578	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.435	96		1555m	1.548	ng/uL	0.00
4) Pyridine-d5	0.000	84		0d	0.000	ng/ul	
7) Phenol-d5	7.219	99		56283	13.625	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.366	67		35244	13.473	ng/ul	0.00
11) 2-Chlorophenol-d4	7.583	132		39860	14.067	ng/ul	0.00
15) 4-Methylphenol-d8	8.758	113		43080	13.245	ng/ul	0.00
21) Nitrobenzene-d5	9.211	128		23390	16.314	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.933	143		27597	16.855	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.486	165		53405	16.911	ng/ul	0.00
31) 4-Chloroaniline-d4	10.991	131		28605	6.239	ng/ul	-0.01
46) Dimethylphthalate-d6	14.076	166		183002	16.994	ng/ul	0.00
49) Acenaphthylene-d8	14.375	160		189572	16.836	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143		20263	11.783	ng/ul	0.00
60) Fluorene-d10	15.668	176		161151	17.777	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.791	200		24514	16.456	ng/ul	0.00
73) Anthracene-d10	17.525	188		222155	16.775	ng/ul	0.00
81) Pyrene-d10	19.804	212		170264	11.258	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.693	264		123069	7.765	ng/ul	0.00
Target Compounds							
						Qvalue	
30) Naphthalene	10.903	128		13713	1.324	ng/ul#	90
52) Acenaphthene	14.740	153		25107	2.942	ng/ul	97
56) Dibenzofuran	15.074	168		22443	1.861	ng/ul	100
61) Fluorene	15.721	166		25489	2.485	ng/ul#	91
72) Phenanthrene	17.472	178		440195	29.433	ng/ul	100
74) Anthracene	17.560	178		60630	3.923	ng/ul	95
77) Carbazole	17.830	167		32521	2.500	ng/ul	93
80) Fluoranthene	19.475	202		578490	32.322	ng/ul#	90
82) Pyrene	19.834	202		267947	14.493	ng/ul#	90
85) Benzo(a)anthracene	21.667	228		210746	11.321	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.555	149		43010	3.863	ng/ul#	92
87) Chrysene	21.731	228		223211m	12.808	ng/ul	
90) Benzo(b)fluoranthene	23.888	252		309105	15.352	ng/ul#	96
91) Benzo(k)fluoranthene	23.946	252		87252	4.346	ng/ul	96
93) Benzo(a)pyrene	24.757	252		70811	3.714	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.600	276		81099m	3.329	ng/ul	
95) Dibenzo(a,h)anthracene	28.635	278		38041m	1.890	ng/ul	

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

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