

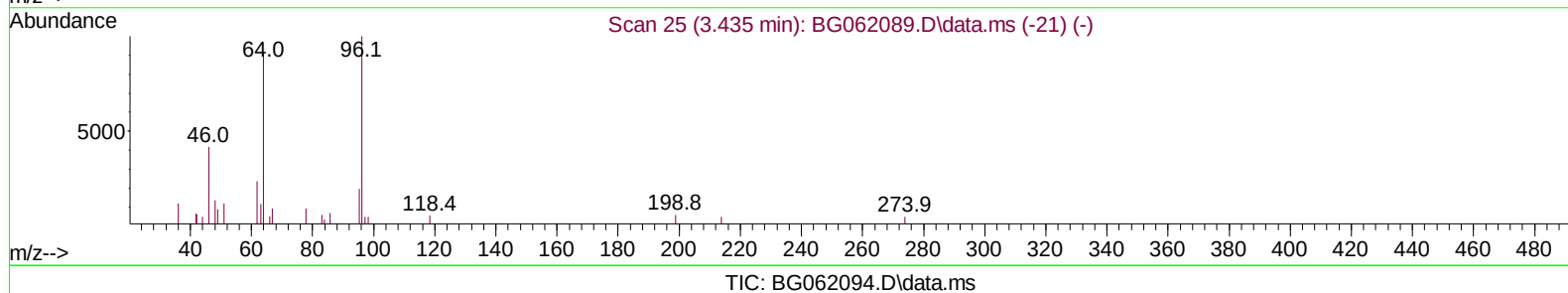
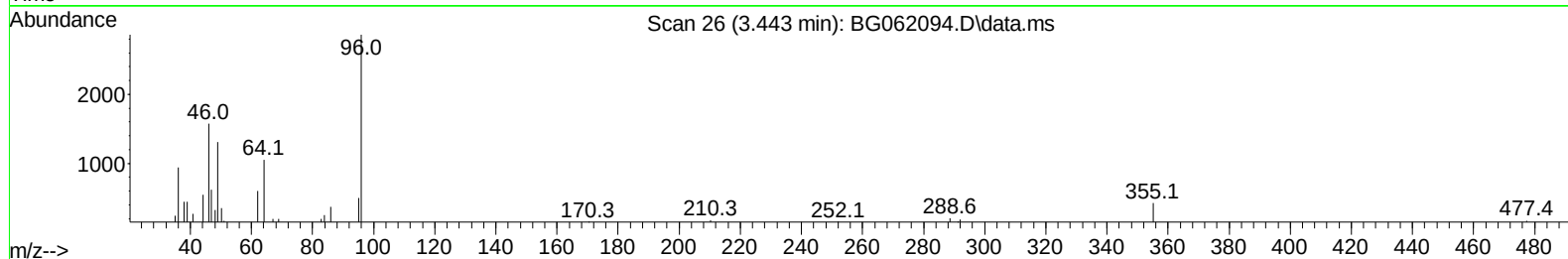
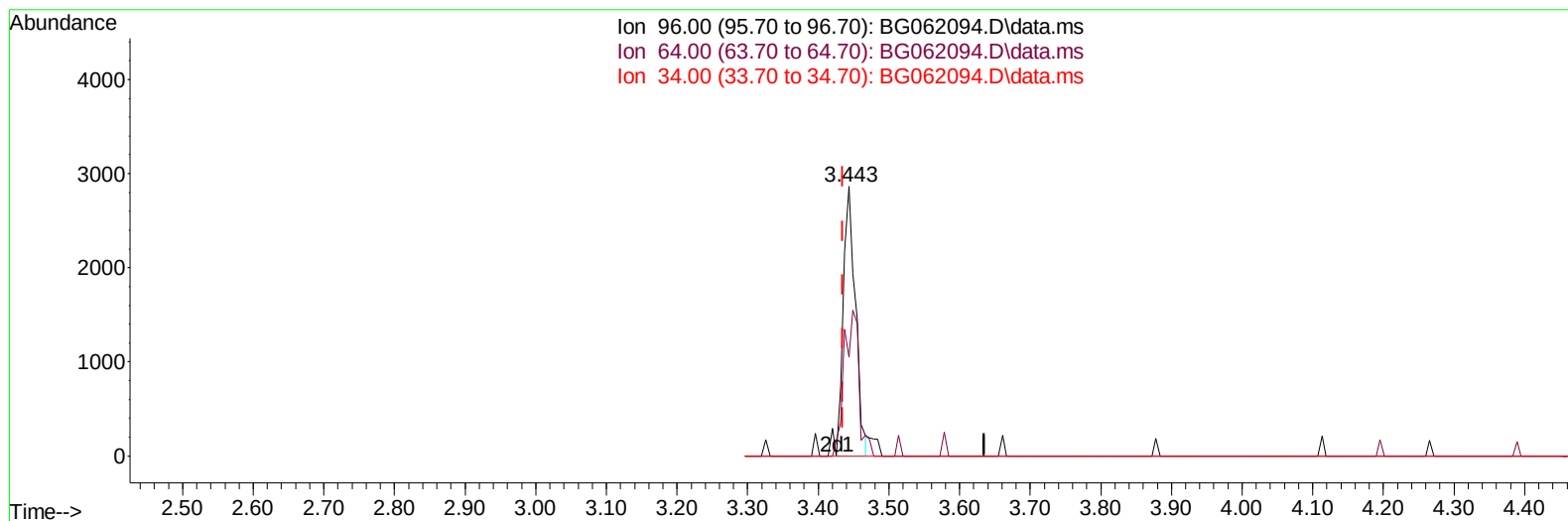
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
Data File : BG062094.D
Acq On : 16 Jul 2024 14:54
Operator : MA/JU
Sample : P3177-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BX4

Manual IntegrationsAPPROVED

Quant Time: Jul 16 15:29:21 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



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

3.443min (+ 0.008) 2.64 ng/uL

response 3431

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	104.80	36.74#
34.00	0.00	0.00
0.00	0.00	0.00

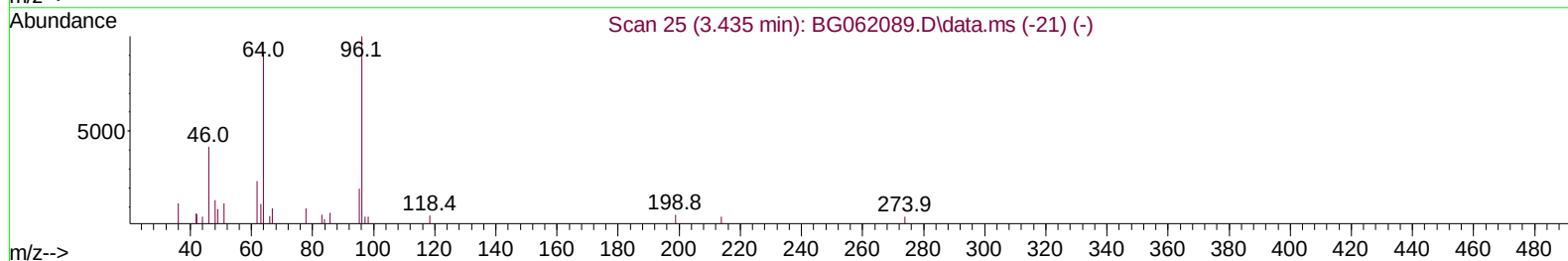
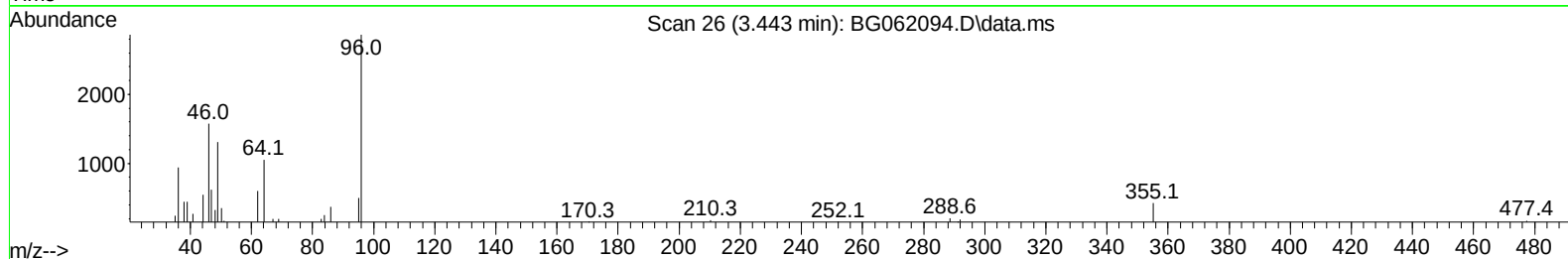
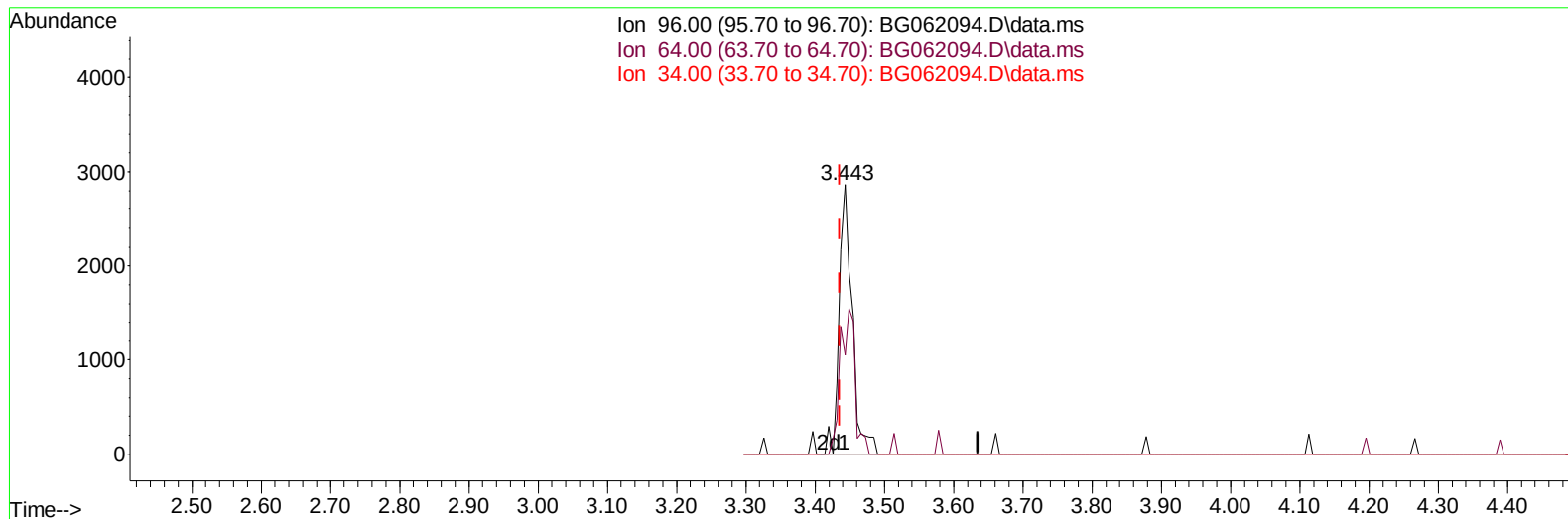
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TIC: BG062094.D\data.ms

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

3.443min (+ 0.008) 2.87 ng/uL m

response 3731

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	104.80	36.74#
34.00	0.00	0.00
0.00	0.00	0.00

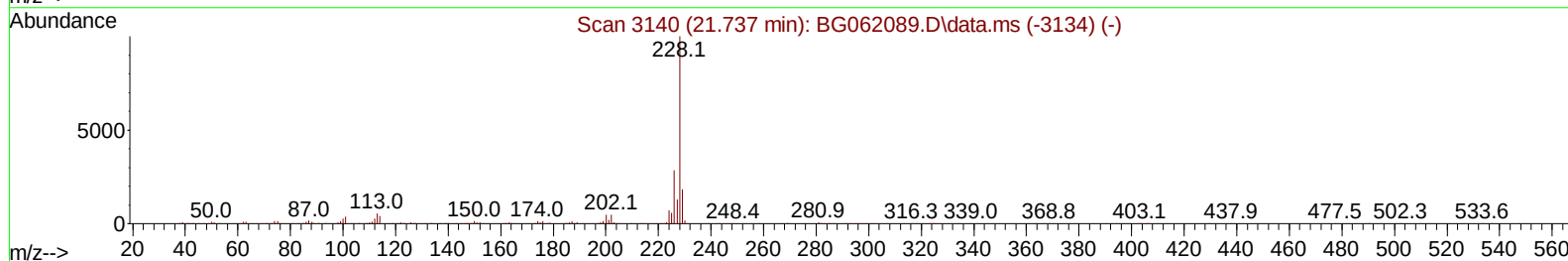
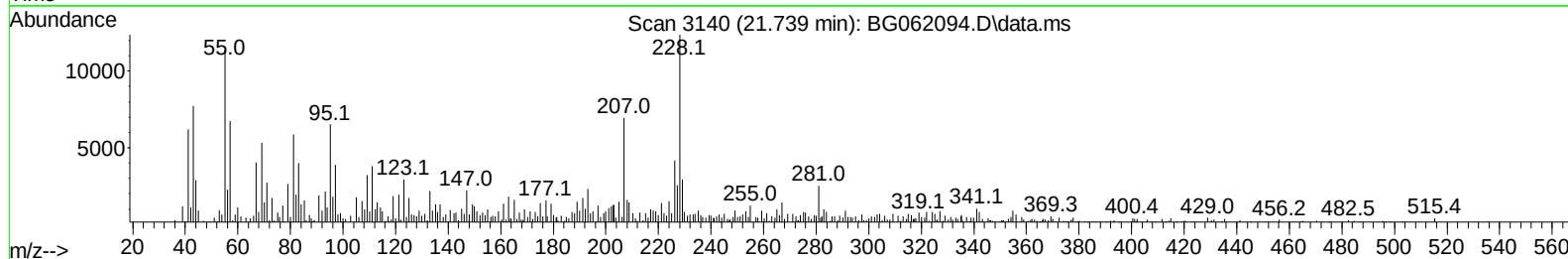
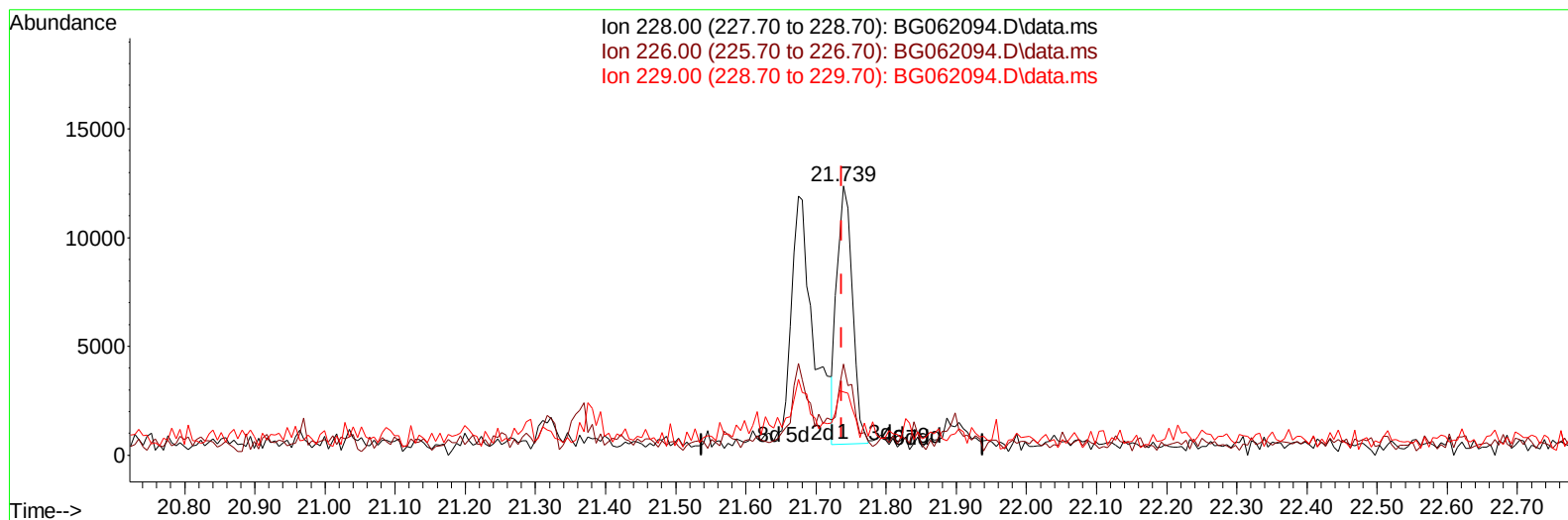
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Data File : BG062094.D
Acq On : 16 Jul 2024 14:54
Operator : MA/JU
Sample : P3177-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BX4

Manual IntegrationsAPPROVED

Quant Time: Jul 16 15:32:48 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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TIC: BG062094.D\data.ms

(87) Chrysene

21.739min (+ 0.002) 0.86 ng/u1

response 18242

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.10	33.84
229.00	19.40	23.52#
0.00	0.00	0.00

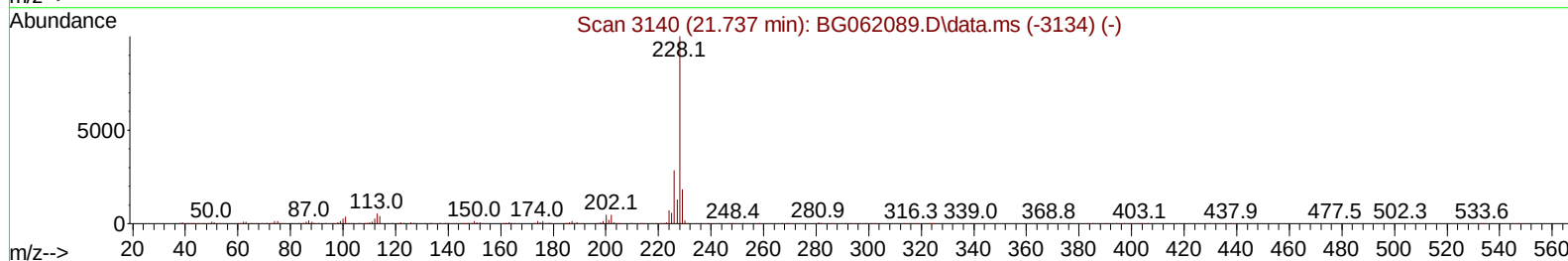
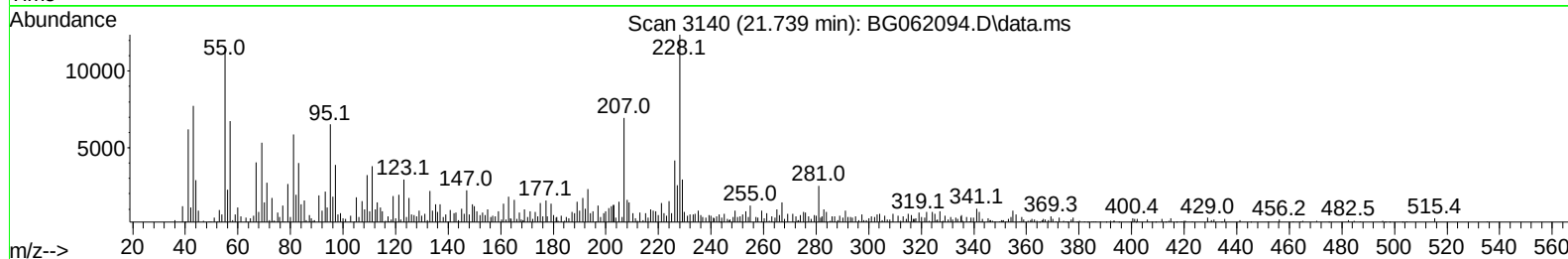
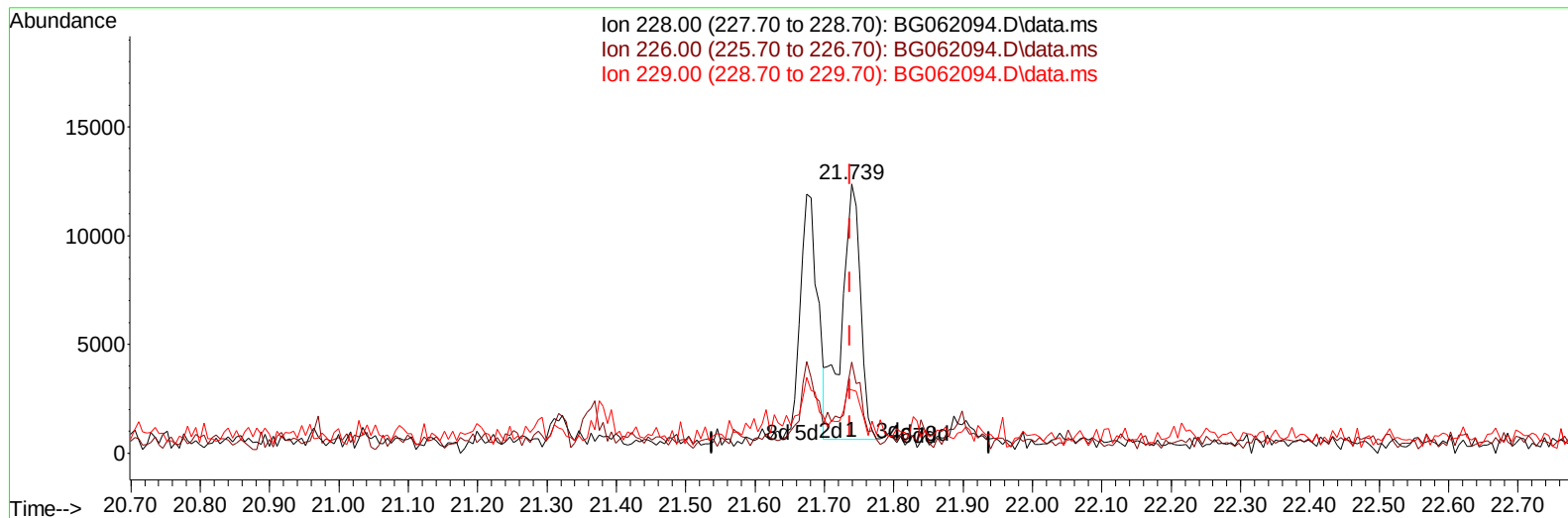
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
Data File : BG062094.D
Acq On : 16 Jul 2024 14:54
Operator : MA/JU
Sample : P3177-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BX4

Manual IntegrationsAPPROVED

Quant Time: Jul 16 15:32:48 2024
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TIC: BG062094.D\data.ms

(87) Chrysene

21.739min (+ 0.002) 1.06 ng/ul m

response 22421

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.10	33.84
229.00	19.40	23.52#
0.00	0.00	0.00

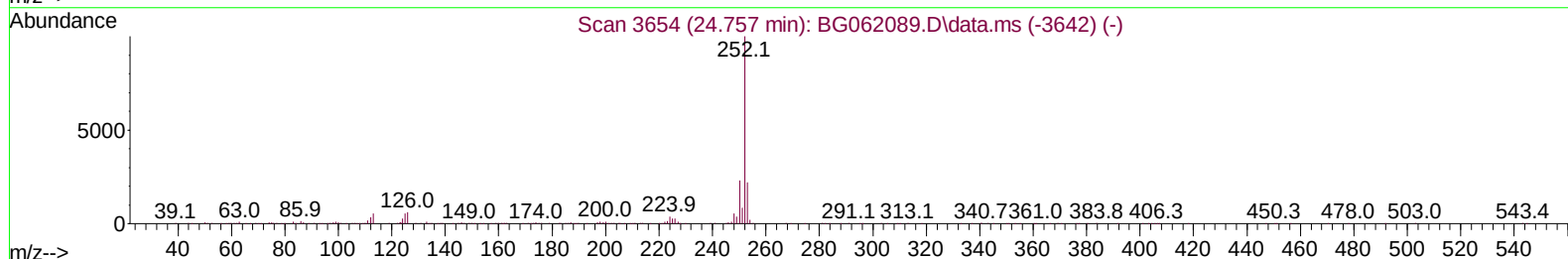
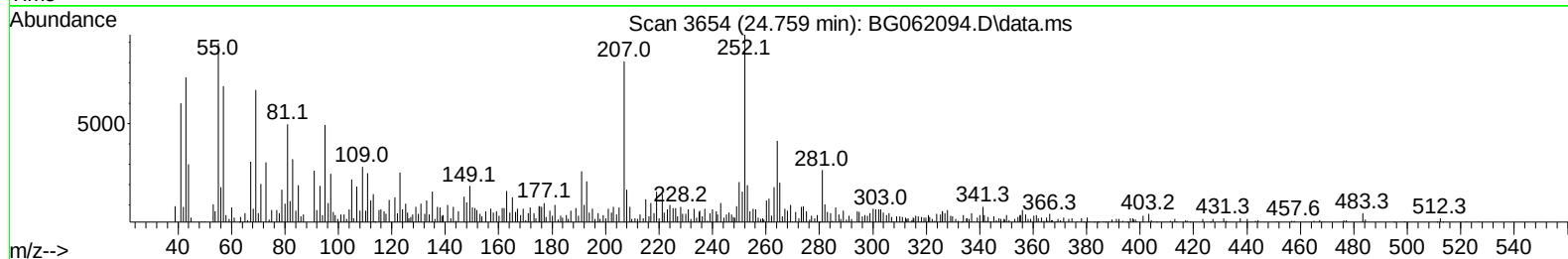
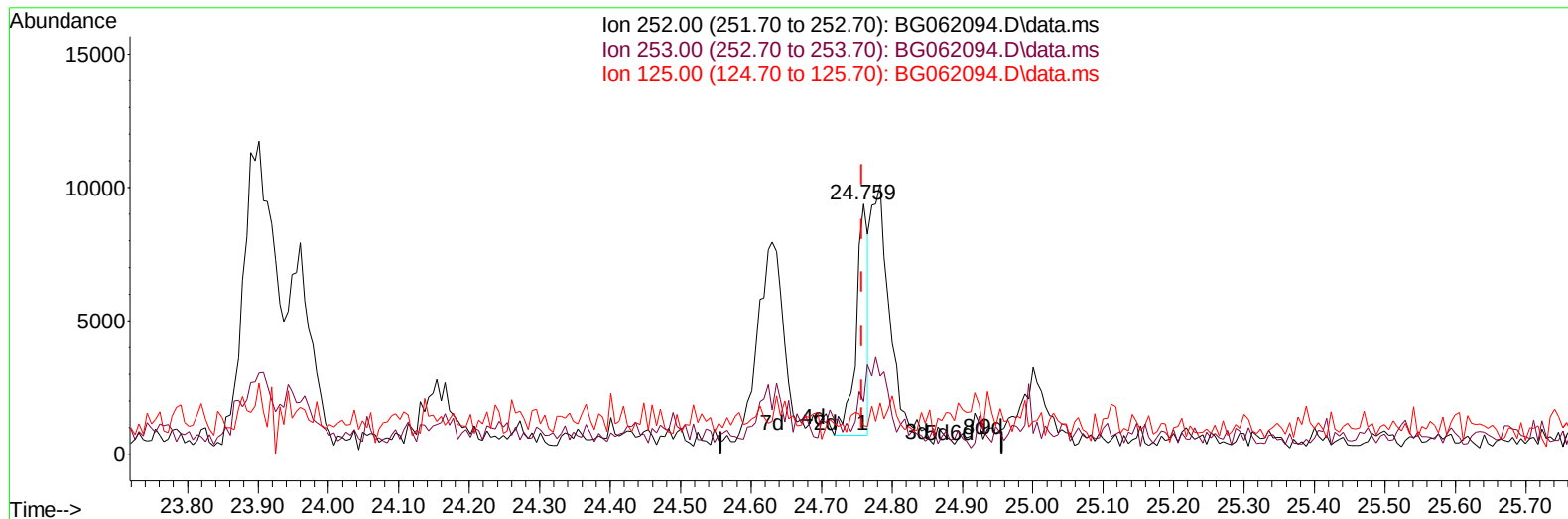
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Data File : BG062094.D
Acq On : 16 Jul 2024 14:54
Operator : MA/JU
Sample : P3177-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BX4

Manual IntegrationsAPPROVED

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TIC: BG062094.D\data.ms

(93) Benzo(a)pyrene (C)

24.759min (+ 0.002) 0.44 ng/u1

response 10483

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.60	21.12
125.00	9.30	11.30#
0.00	0.00	0.00

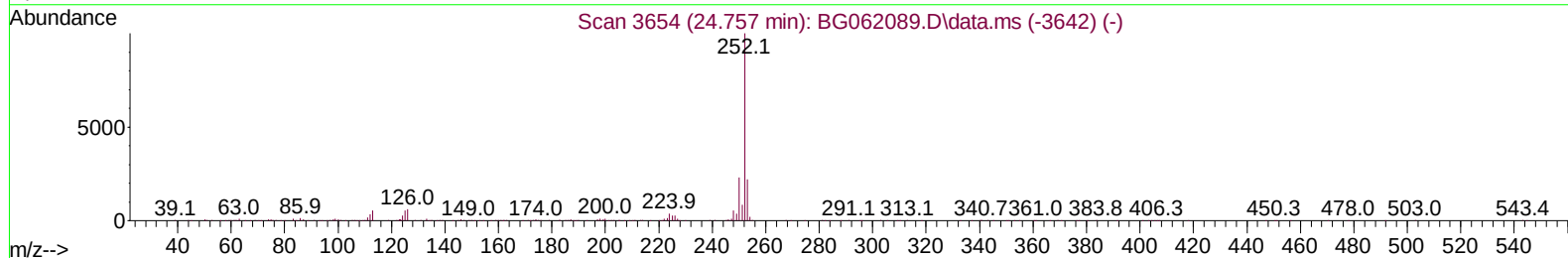
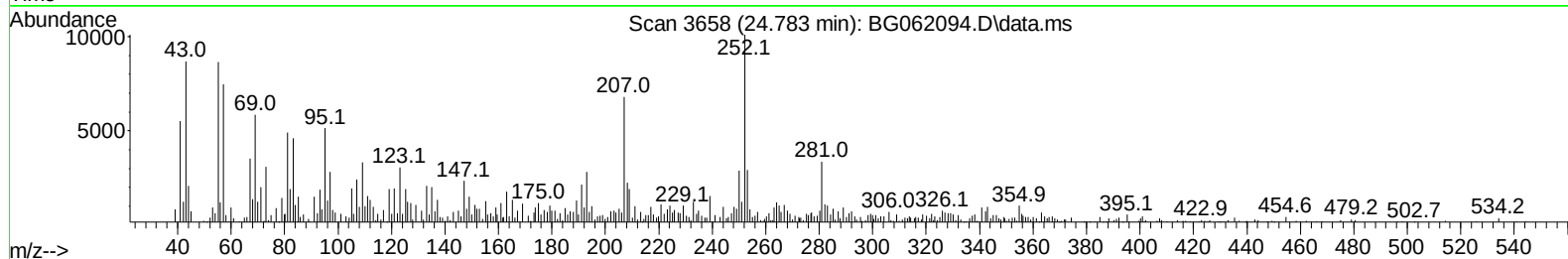
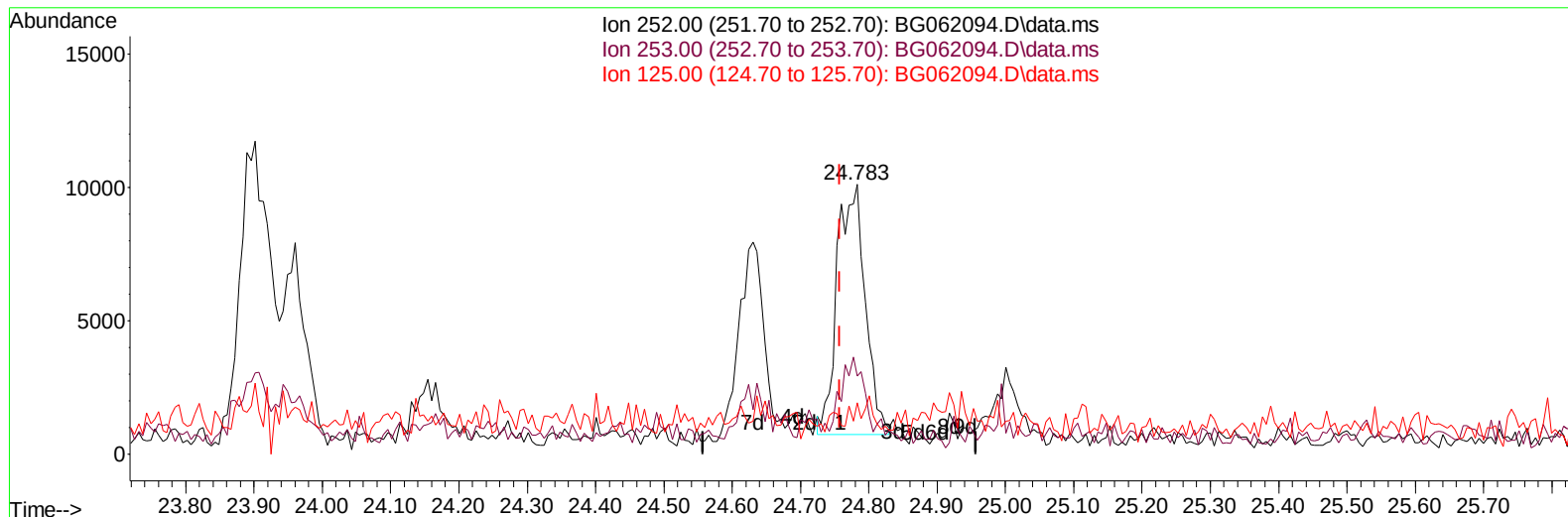
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
Data File : BG062094.D
Acq On : 16 Jul 2024 14:54
Operator : MA/JU
Sample : P3177-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BX4

Manual IntegrationsAPPROVED

Quant Time: Jul 16 15:29:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
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TIC: BG062094.D\data.ms

(93) Benzo(a)pyrene (C)

24.783min (+ 0.026) 1.12 ng/ul m

response 26746

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.60	28.97#
125.00	9.30	18.91#
0.00	0.00	0.00

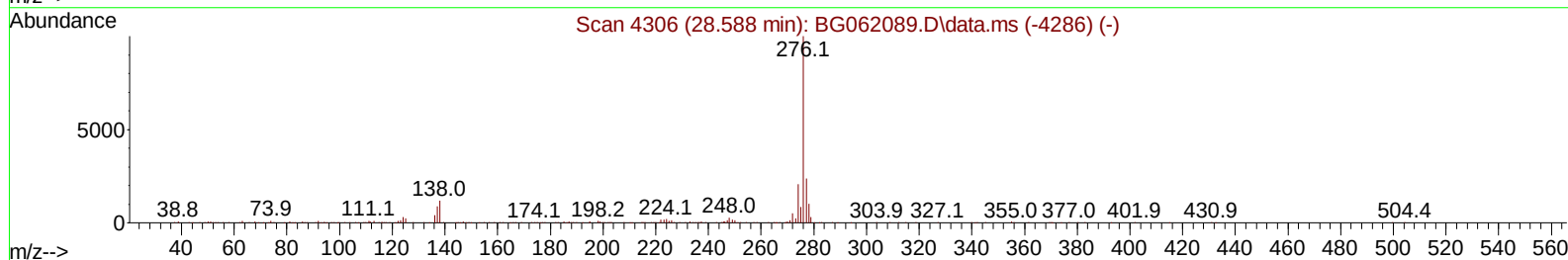
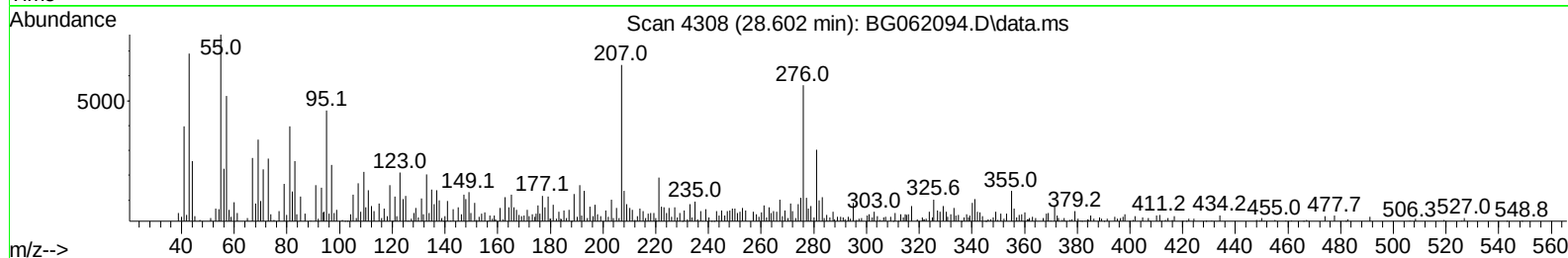
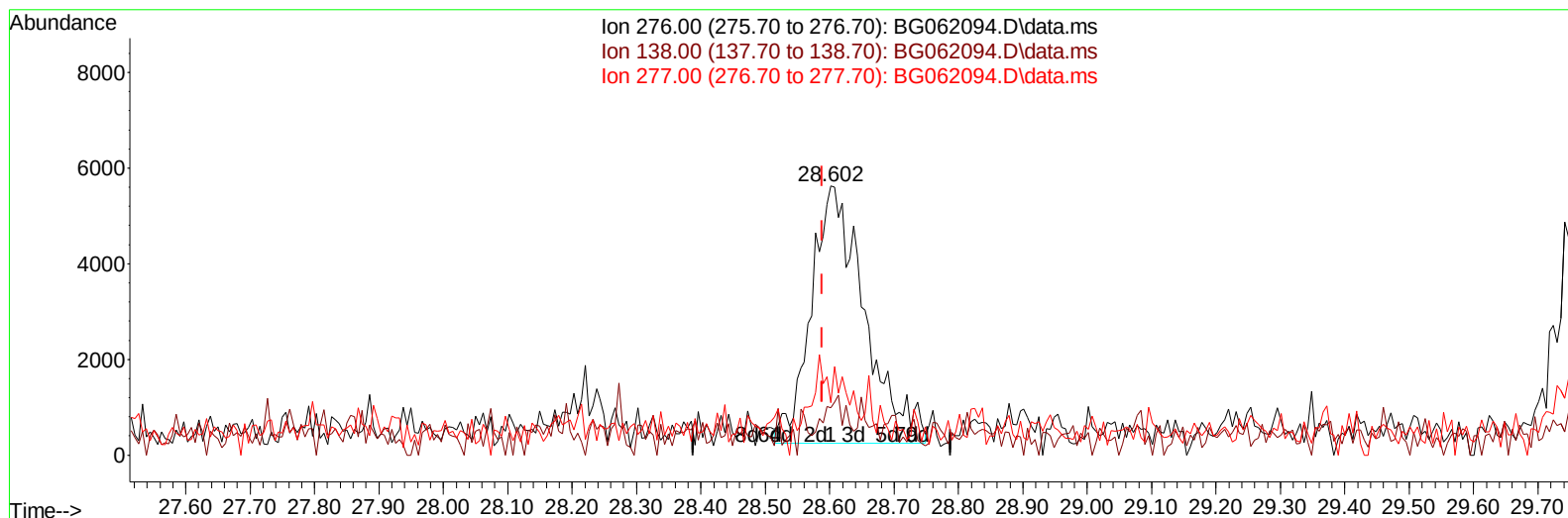
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Sample : P3177-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BX4

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TIC: BG062094.D\data.ms

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

28.602min (+ 0.014) 1.01 ng/ul m

response 30973

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	17.66
277.00	24.10	19.58
0.00	0.00	0.00

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 Sample : P3177-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BX4

Manual IntegrationsAPPROVED

Quant Time: Jul 17 02:24:14 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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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.050	152	48883	20.000	ng/ul	0.00
20) Naphthalene-d8	10.870	136	238134	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.689	164	157033	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.433	188	362412	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.698	240	312784	20.000	ng/ul	# 0.00
88) Perylene-d12	24.930	264	400862	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.443	96	3731m	2.868	ng/uL	0.00
4) Pyridine-d5	3.866	84	44016	11.005	ng/ul	0.00
7) Phenol-d5	7.233	99	114896	21.478	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.374	67	63424	18.722	ng/ul	0.00
11) 2-Chlorophenol-d4	7.591	132	82972	22.611	ng/ul	0.00
15) 4-Methylphenol-d8	8.778	113	93562	22.213	ng/ul	0.01
21) Nitrobenzene-d5	9.225	128	46011	25.405	ng/ul	0.00
24) 2-Nitrophenol-d4	9.947	143	58394	28.234	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.500	165	104130	26.103	ng/ul	0.01
31) 4-Chloroaniline-d4	11.011	131	118511	20.462	ng/ul	0.00
46) Dimethylphthalate-d6	14.090	166	358577	27.775	ng/ul	0.00
49) Acenaphthylene-d8	14.383	160	339015	25.113	ng/ul	0.00
54) 4-Nitrophenol-d4	14.912	143	40723	19.752	ng/ul	0.00
60) Fluorene-d10	15.682	176	260575	23.976	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.799	200	44370	23.312	ng/ul	0.00
73) Anthracene-d10	17.533	188	434773	25.695	ng/ul	0.00
81) Pyrene-d10	19.818	212	471248	25.615	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.707	264	516709	25.990	ng/ul	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.474	178	23084	1.208	ng/ul	95
80) Fluoranthene	19.483	202	40309	1.851	ng/ul#	95
82) Pyrene	19.848	202	37935	1.687	ng/ul#	89
86) Bis(2-ethylhexyl)phtha...	21.563	149	15194	1.122	ng/ul#	95
87) Chrysene	21.739	228	22421m	1.058	ng/ul	
90) Benzo(b)fluoranthene	23.902	252	34570	1.369	ng/ul#	82
93) Benzo(a)pyrene	24.783	252	26746m	1.118	ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.602	276	30973m	1.013	ng/ul	

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

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