

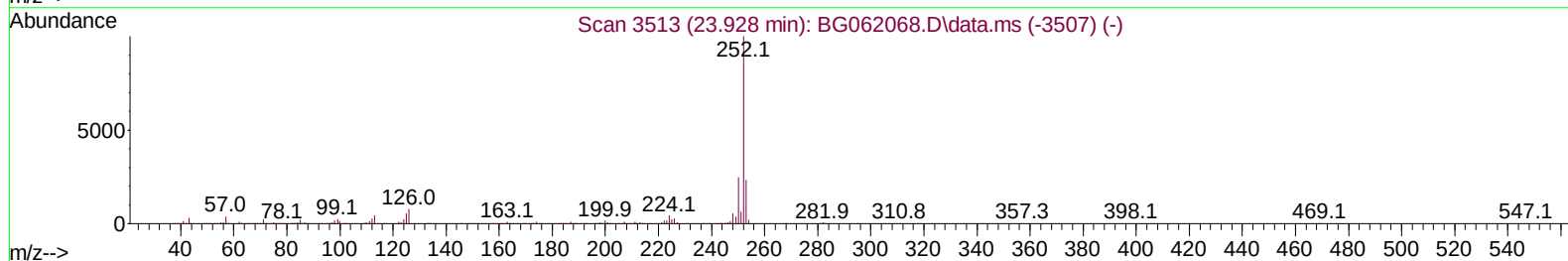
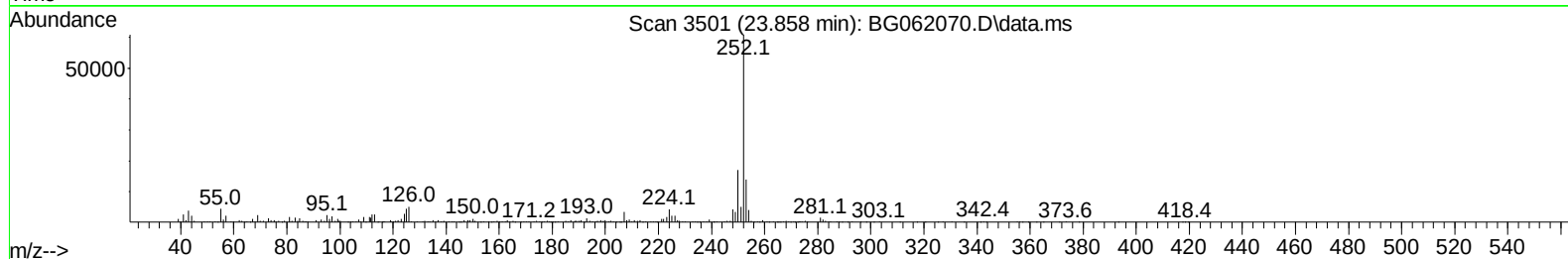
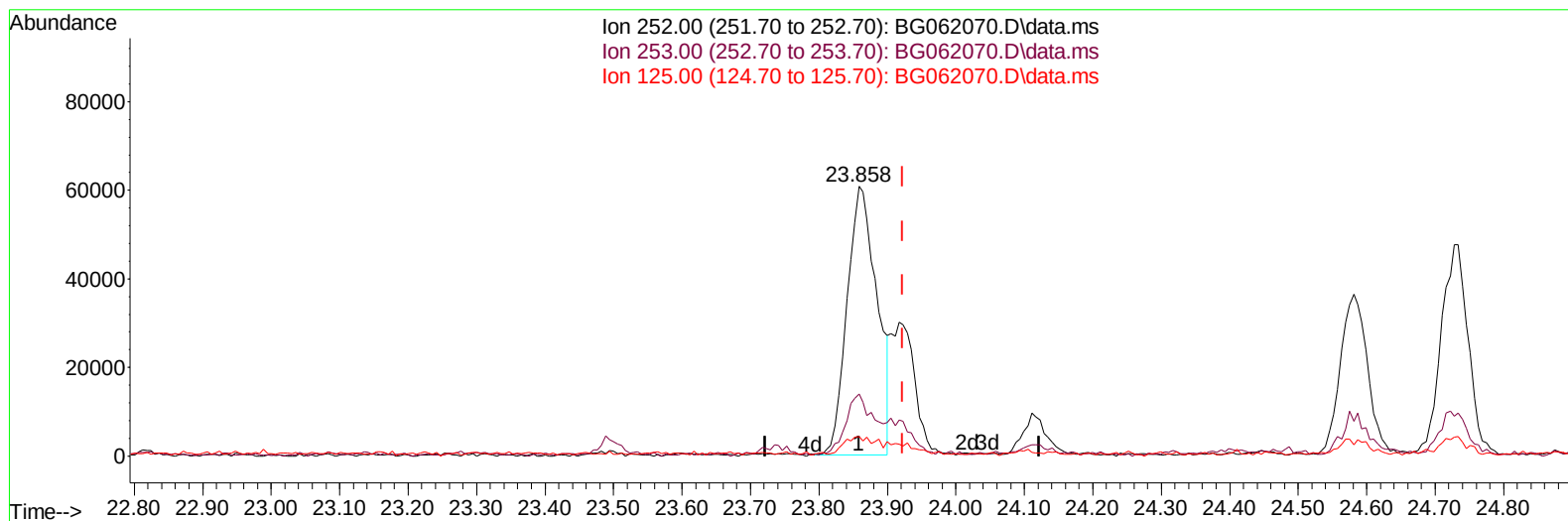
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
 Data File : BG062070.D
 Acq On : 15 Jul 2024 15:56
 Operator : MA/JU
 Sample : P3100-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BX0

Manual IntegrationsAPPROVED

Quant Time: Jul 15 16:53:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 11 12:11:32 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/20/2024



TIC: BG062070.D\data.ms

(91) Benzo(k)fluoranthene

23.858min (-0.064) 6.73 ng/u1

response 184437

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	23.08
125.00	7.90	7.23
0.00	0.00	0.00

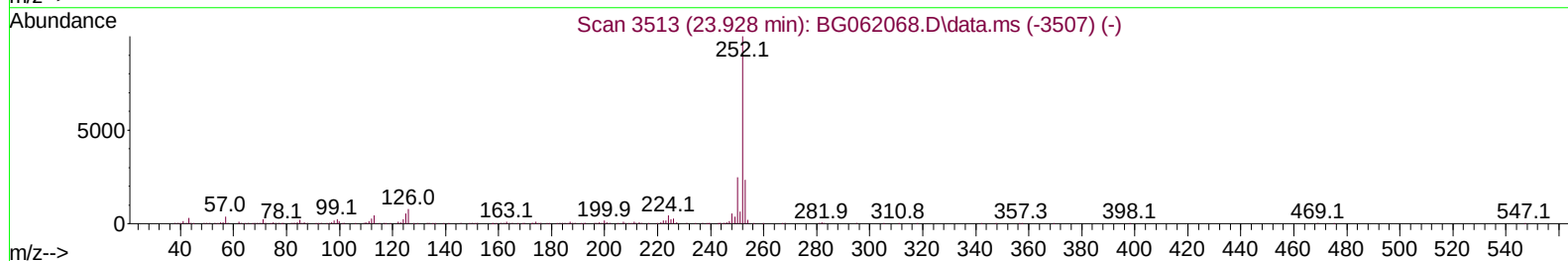
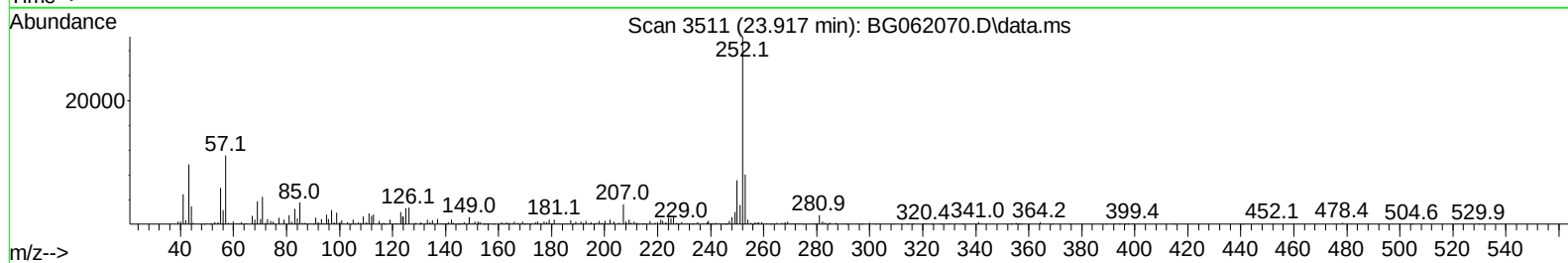
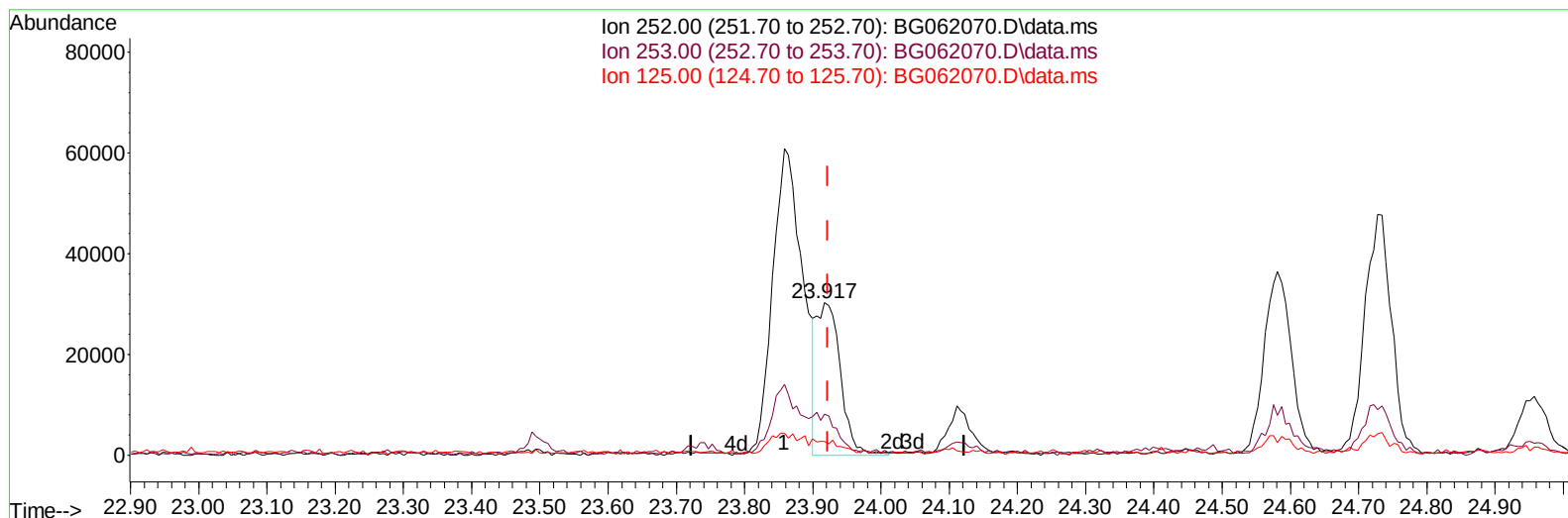
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TIC: BG062070.D\data.ms

(91) Benzo(k)fluoranthene

23.917min (-0.005) 2.70 ng/ul m

response 74015

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	26.78
125.00	7.90	9.04
0.00	0.00	0.00

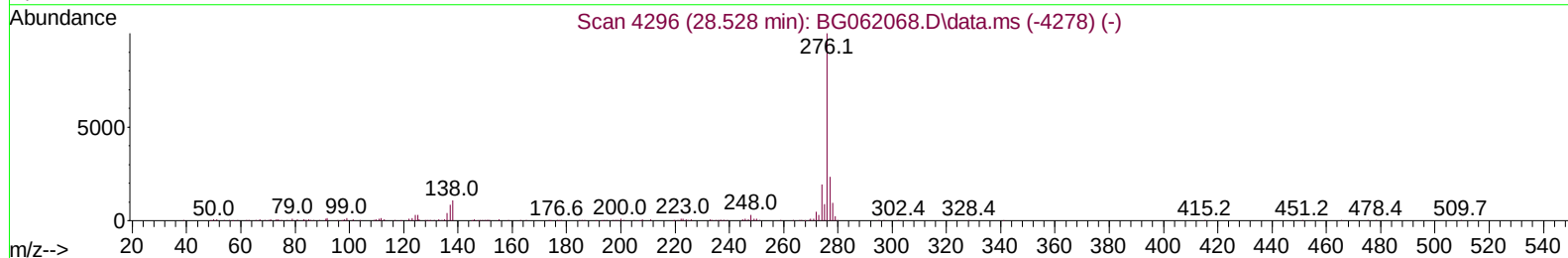
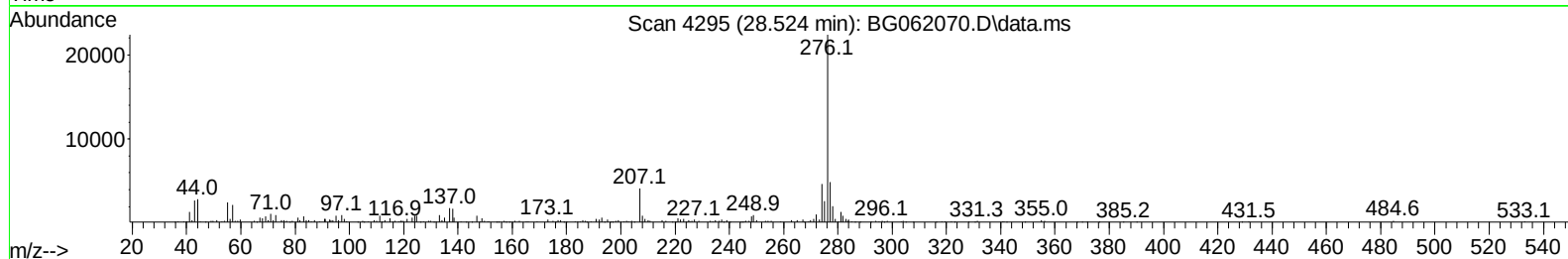
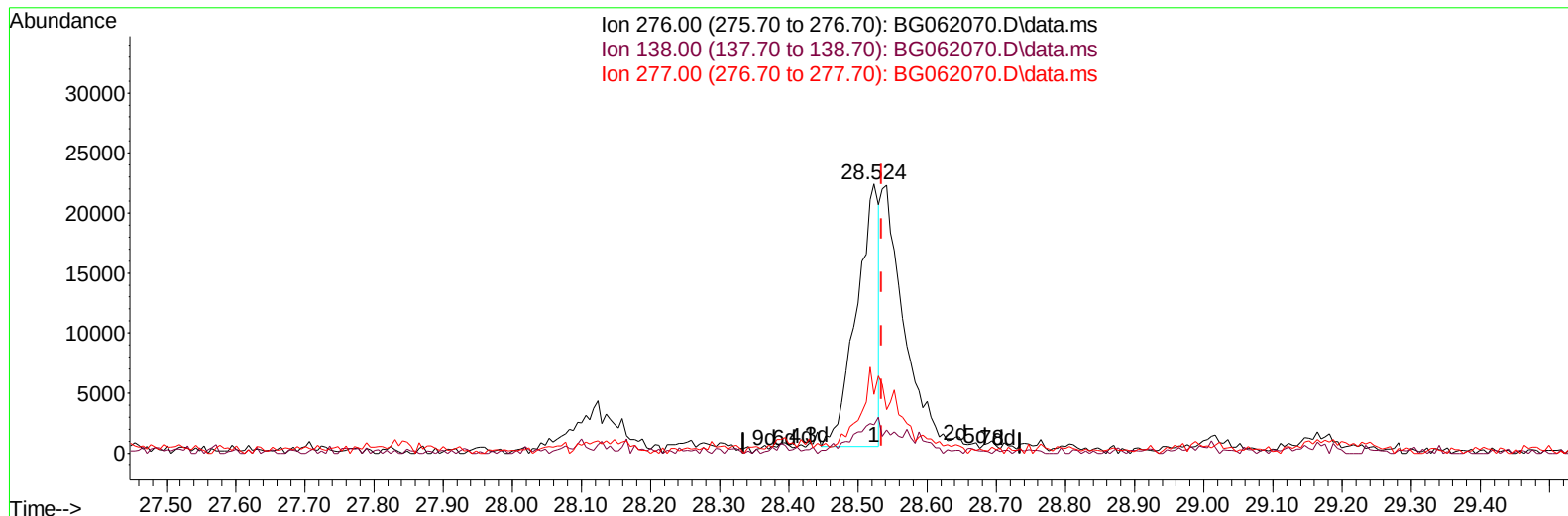
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062070.D
Acq On : 15 Jul 2024 15:56
Operator : MA/JU
Sample : P3100-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BX0

Manual IntegrationsAPPROVED

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TIC: BG062070.D\data.ms

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

28.524min (-0.011) 1.47 ng/uL

response 49058

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	10.51#
277.00	24.10	21.76
0.00	0.00	0.00

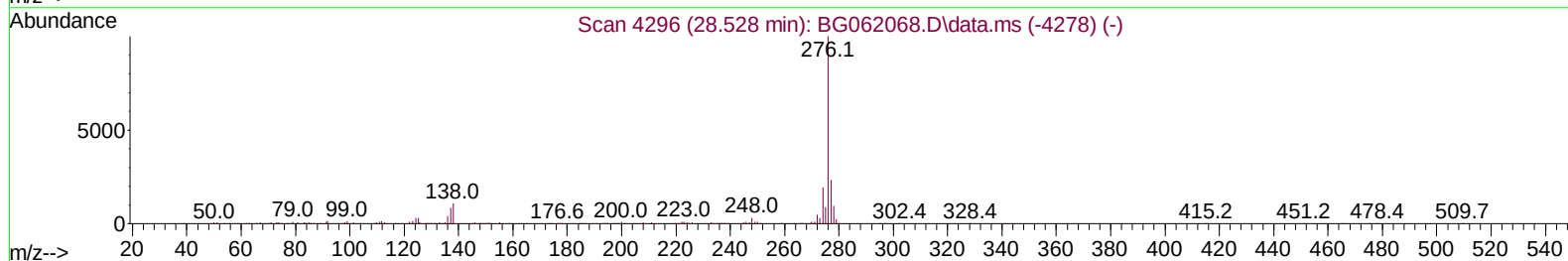
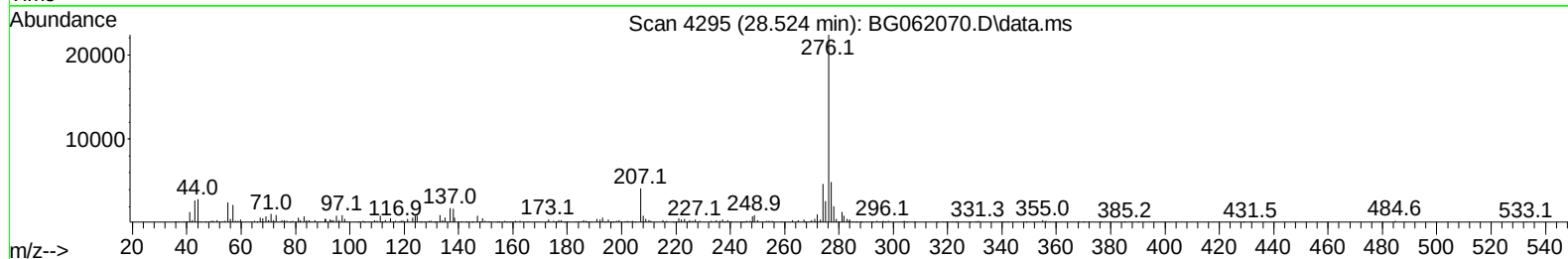
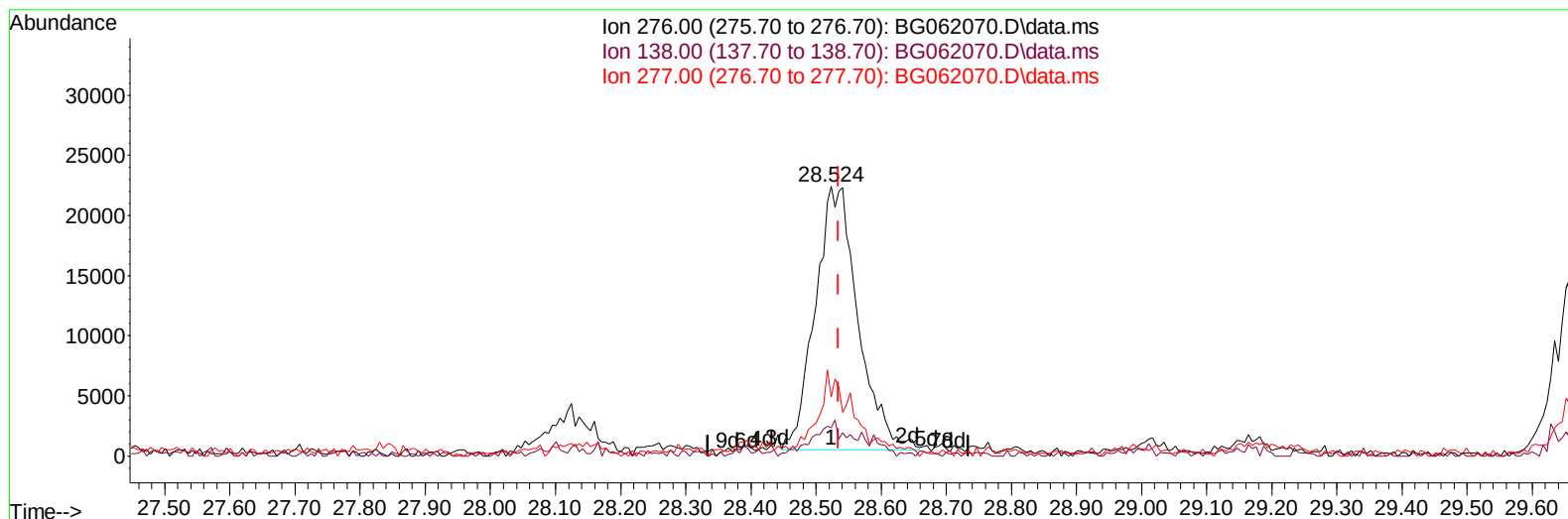
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062070.D
Acq On : 15 Jul 2024 15:56
Operator : MA/JU
Sample : P3100-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BX0

Manual IntegrationsAPPROVED

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TIC: BG062070.D\data.ms

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

28.524min (-0.011) 3.00 ng/ul m

response 99896

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	7.62#
277.00	24.10	21.76
0.00	0.00	0.00

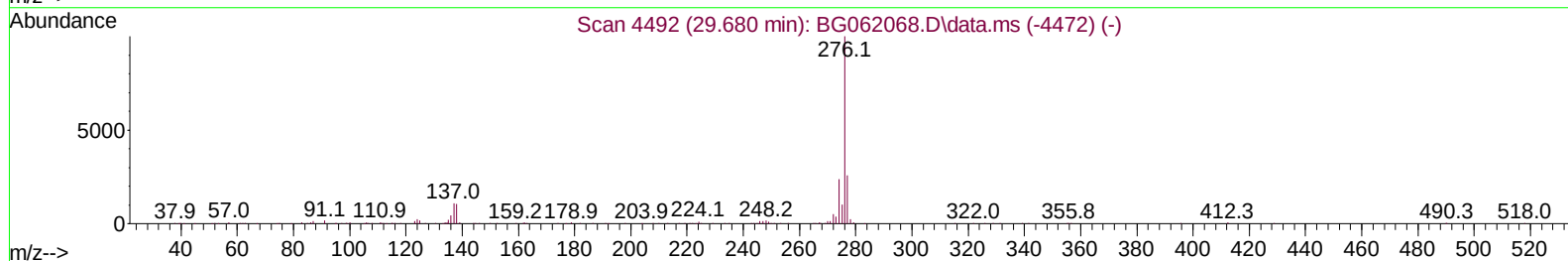
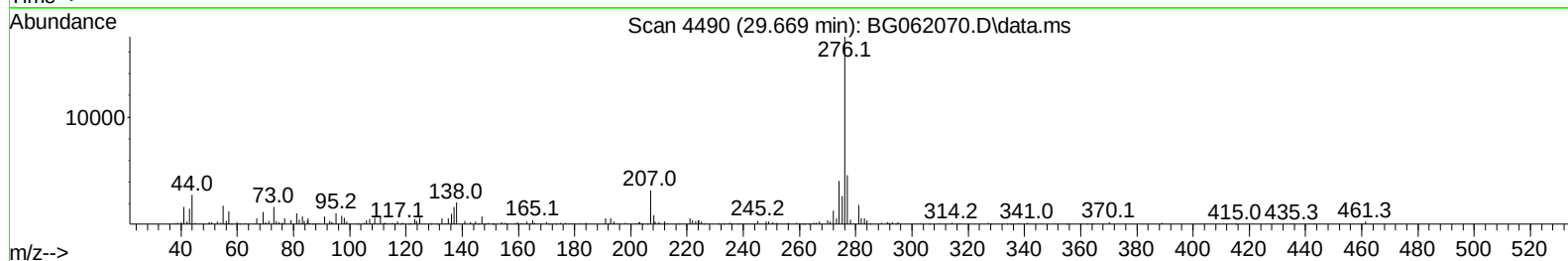
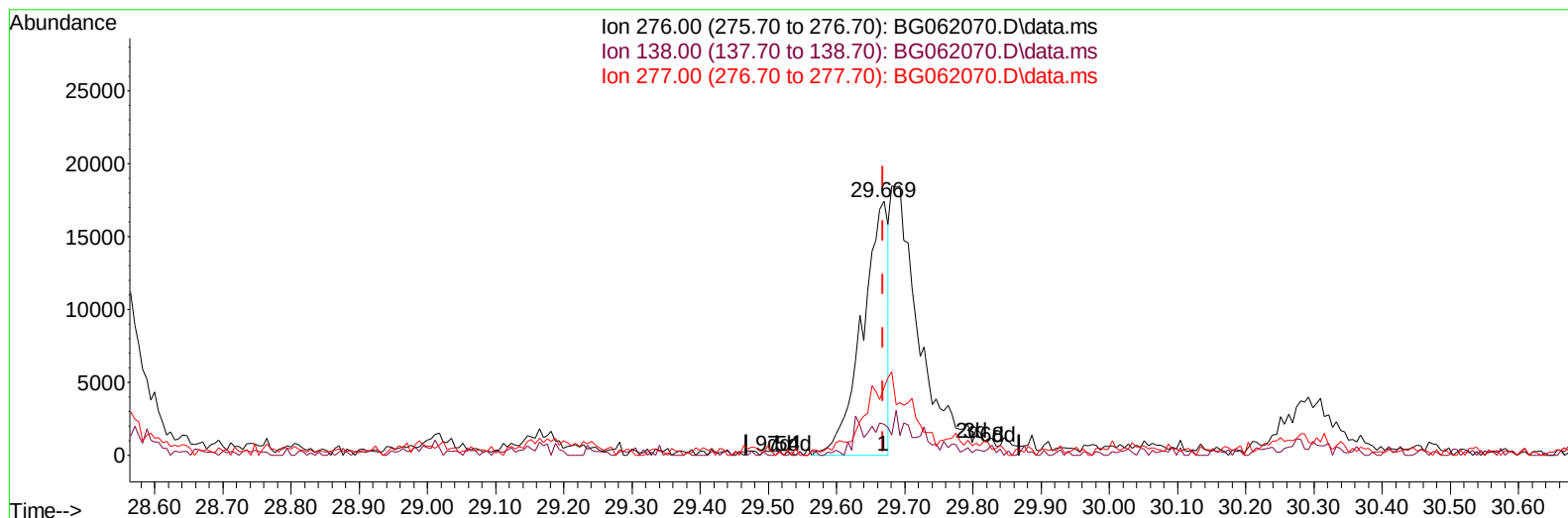
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Data File : BG062070.D
Acq On : 15 Jul 2024 15:56
Operator : MA/JU
Sample : P3100-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BX0

Manual IntegrationsAPPROVED

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TIC: BG062070.D\data.ms

(96) Benzo(g,h,i)perylene

29.669min (+ 0.001) 1.73 ng/u1

response 45826

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.90	12.21
277.00	23.50	26.61
0.00	0.00	0.00

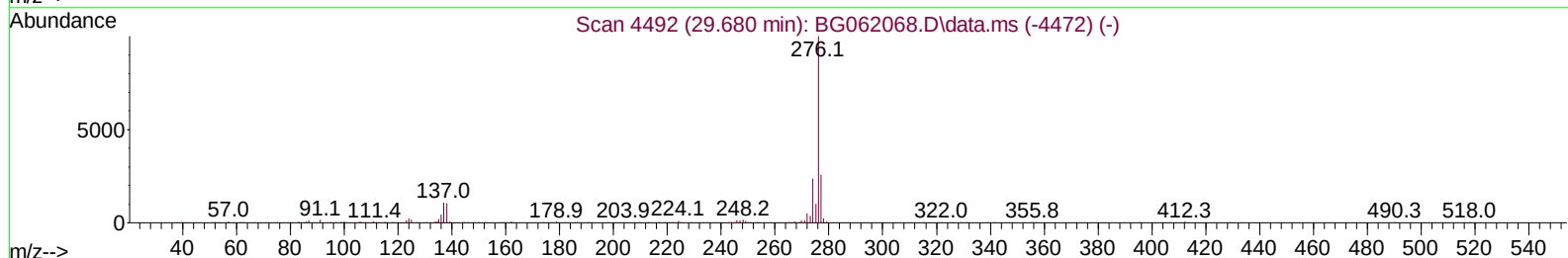
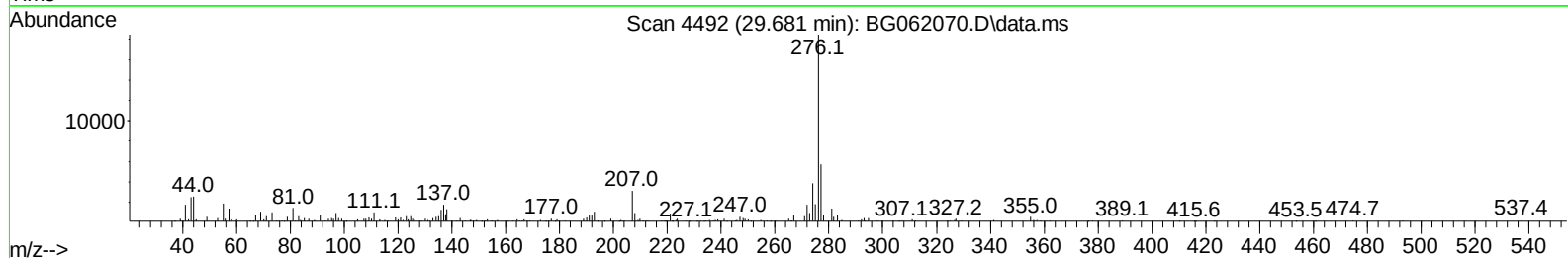
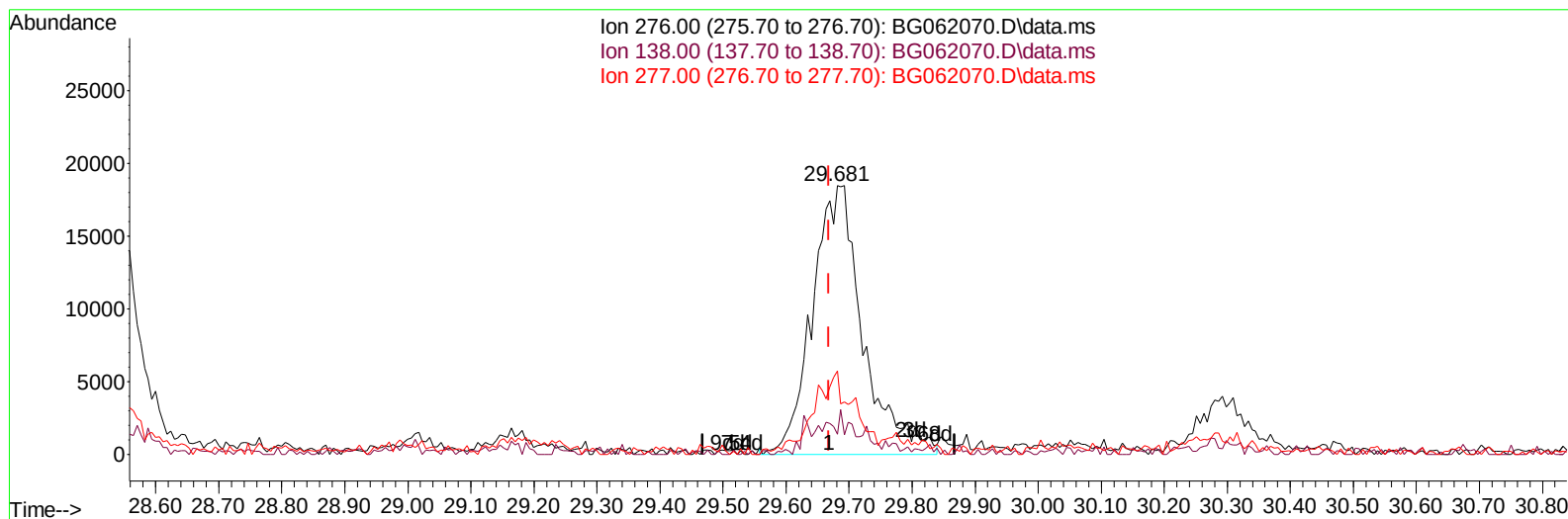
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062070.D
Acq On : 15 Jul 2024 15:56
Operator : MA/JU
Sample : P3100-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BX0

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/20/2024

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TIC: BG062070.D\data.ms

(96) Benzo(g,h,i)perylene

29.681min (+ 0.013) 3.87 ng/u1 m

response 102559

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.90	7.33#
277.00	23.50	31.09#
0.00	0.00	0.00

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 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/16/2024
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Quant Time: Jul 15 16:57:22 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.042	152	47068	20.000	ng/ul	0.00
20) Naphthalene-d8	10.850	136	218905	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.669	164	167930	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.413	188	385593	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.673	240	349080	20.000	ng/ul	0.00
88) Perylene-d12	24.887	264	436498	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.435	96	1696	1.354	ng/uL	0.00
4) Pyridine-d5	3.858	84	25721	6.679	ng/ul	0.00
7) Phenol-d5	7.201	99	52584	10.209	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.360	67	29369	9.004	ng/ul	0.00
11) 2-Chlorophenol-d4	7.566	132	38578	10.918	ng/ul	0.00
15) 4-Methylphenol-d8	8.747	113	40358	9.951	ng/ul	0.00
21) Nitrobenzene-d5	9.205	128	19730	11.851	ng/ul	0.00
24) 2-Nitrophenol-d4	9.928	143	22223	11.689	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.468	165	50401	13.744	ng/ul	0.00
31) 4-Chloroaniline-d4	10.979	131	30398	5.710	ng/ul	0.00
46) Dimethylphthalate-d6	14.070	166	167637	12.142	ng/ul	0.00
49) Acenaphthylene-d8	14.364	160	188441	13.053	ng/ul	0.00
54) 4-Nitrophenol-d4	14.881	143	16878	7.655	ng/ul	0.00
60) Fluorene-d10	15.662	176	157630	13.562	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.780	200	21892	10.810	ng/ul	0.00
73) Anthracene-d10	17.513	188	252477	14.024	ng/ul	0.00
81) Pyrene-d10	19.798	212	291522	14.198	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.657	264	313901	14.500	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.460	178	103149	5.073	ng/ul	96
80) Fluoranthene	19.464	202	254953	10.492	ng/ul#	92
82) Pyrene	19.822	202	220716	8.793	ng/ul#	94
83) Butylbenzylphthalate	20.697	149	13481	1.280	ng/ul#	88
85) Benzo(a)anthracene	21.655	228	118484	4.688	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.549	149	32629	2.159	ng/ul#	98
87) Chrysene	21.720	228	135132	5.711	ng/ul	98
90) Benzo(b)fluoranthene	23.858	252	184437	6.707	ng/ul	97
91) Benzo(k)fluoranthene	23.917	252	74015m	2.699	ng/ul	
93) Benzo(a)pyrene	24.728	252	129200	4.961	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.524	276	99896m	3.002	ng/ul	
96) Benzo(g,h,i)perylene	29.681	276	102559m	3.874	ng/ul	

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

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