

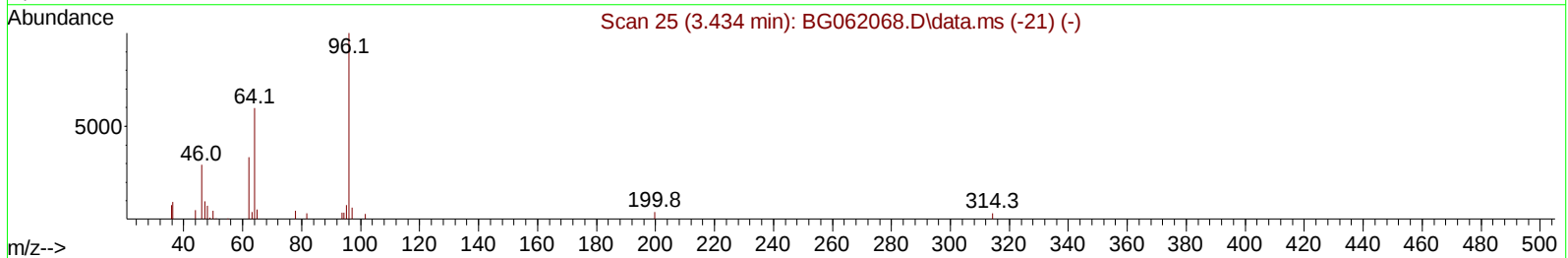
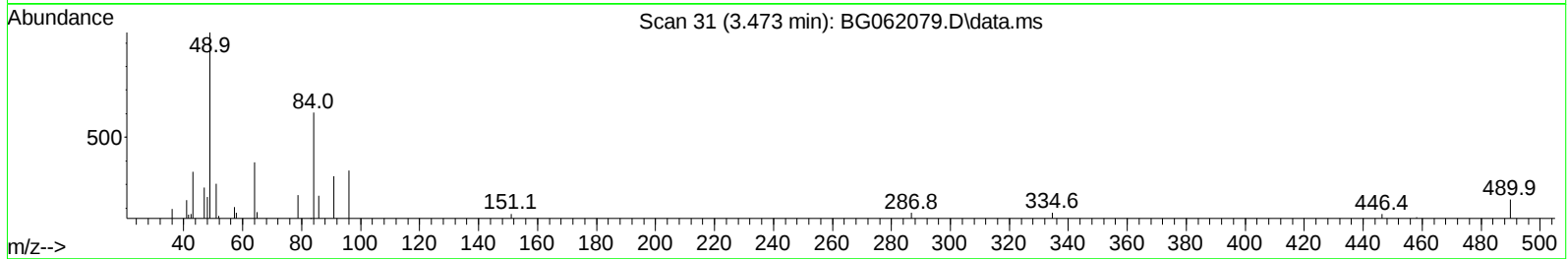
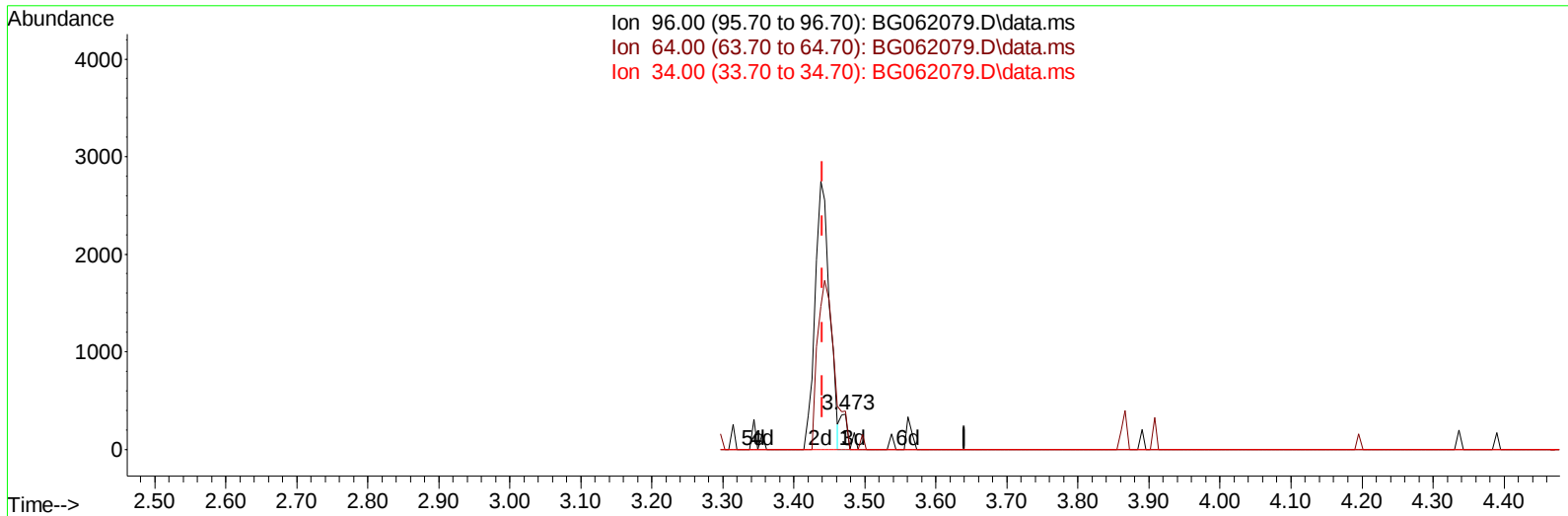
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062079.D
Acq On : 15 Jul 2024 22:07
Operator : MA/JU
Sample : P3100-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BW6

Manual IntegrationsAPPROVED

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

Quant Time: Jul 15 23:28:20 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



TIC: BG062079.D\data.ms

(3) 1,4-Dioxane-d8 (S)**3.473min (+ 0.033) 0.21 ng/uL****response 250**

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	104.80	110.34
34.00	0.00	0.00
0.00	0.00	0.00

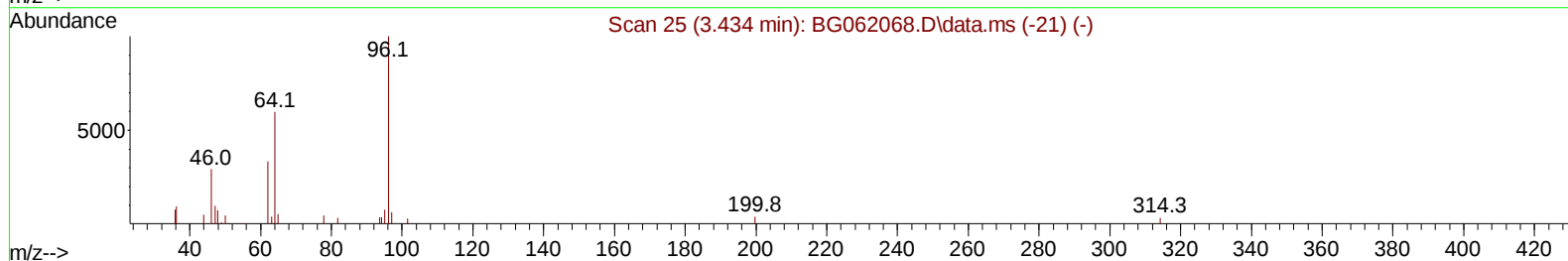
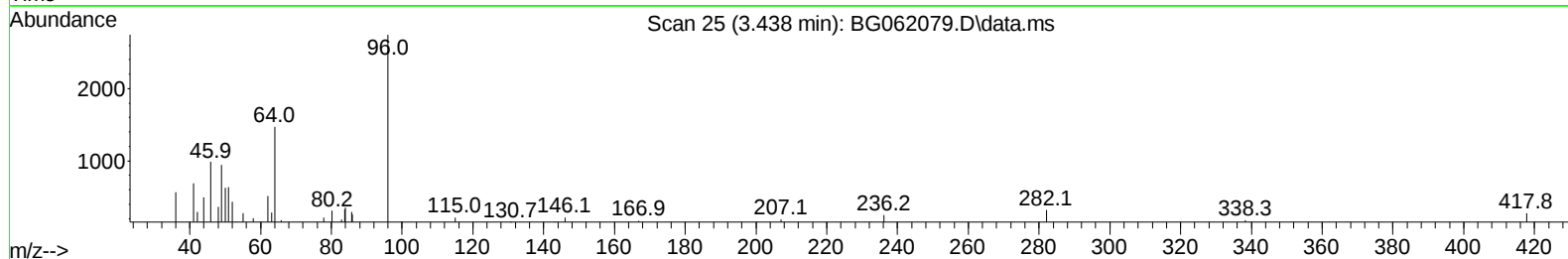
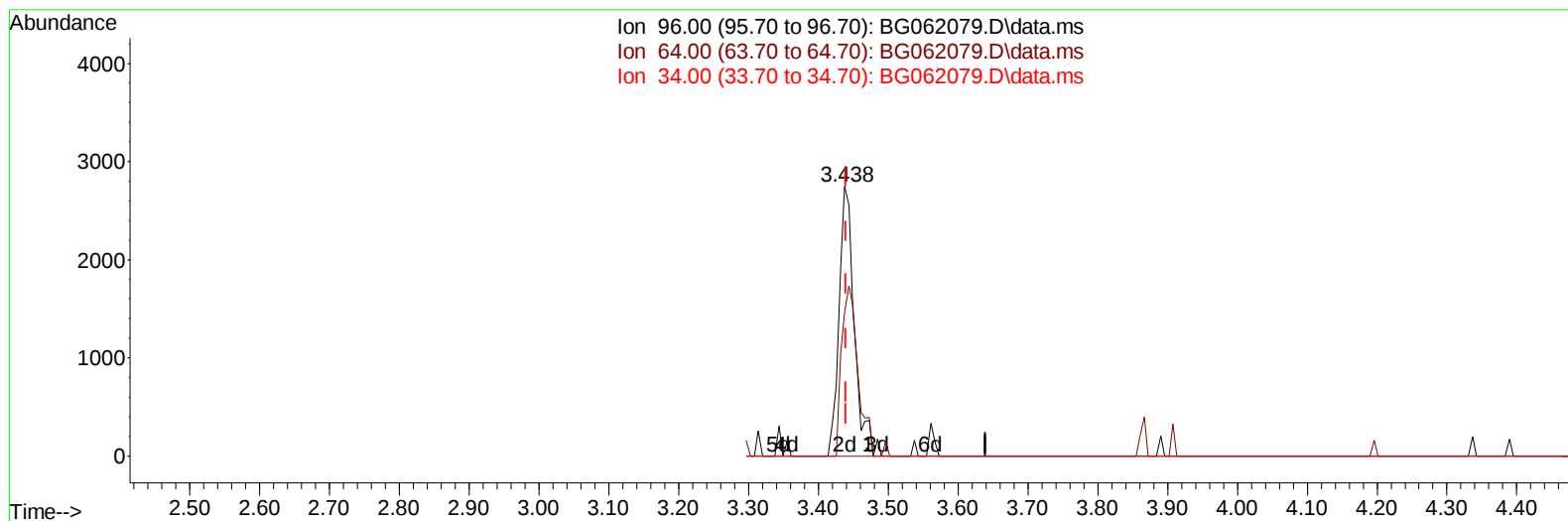
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
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TIC: BG062079.D\data.ms

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

3.438min (-0.003) 3.47 ng/uL m

response 4147

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	104.80	53.46#
34.00	0.00	0.00
0.00	0.00	0.00

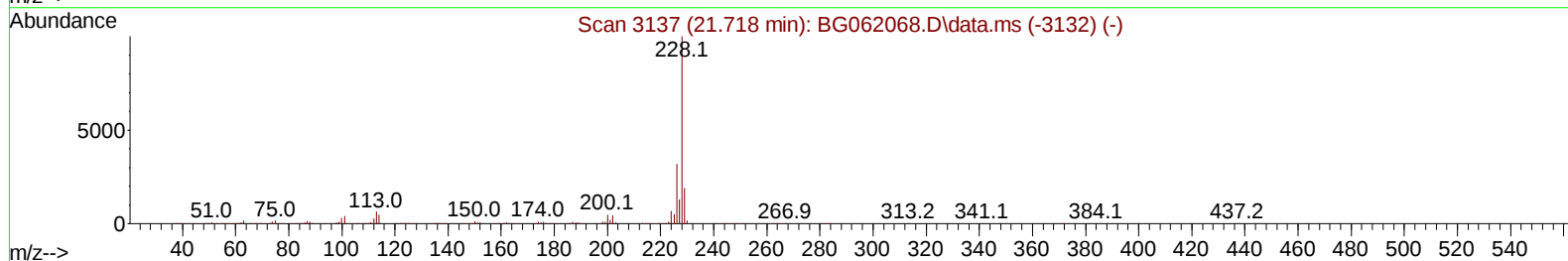
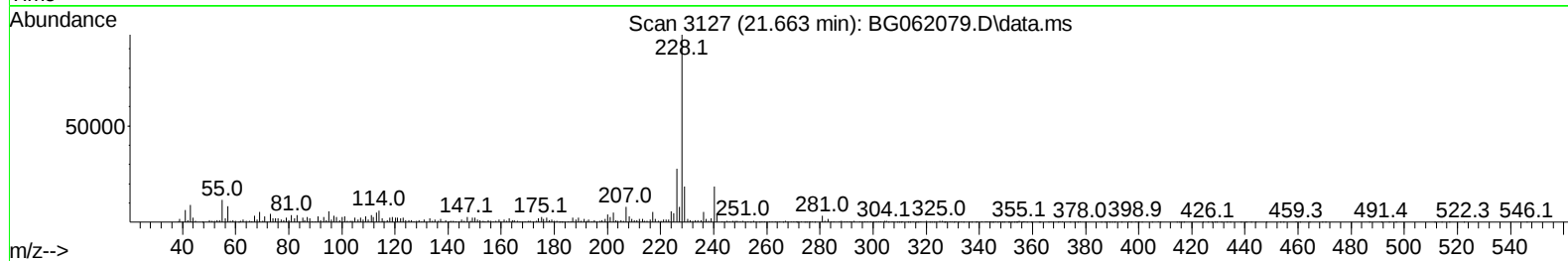
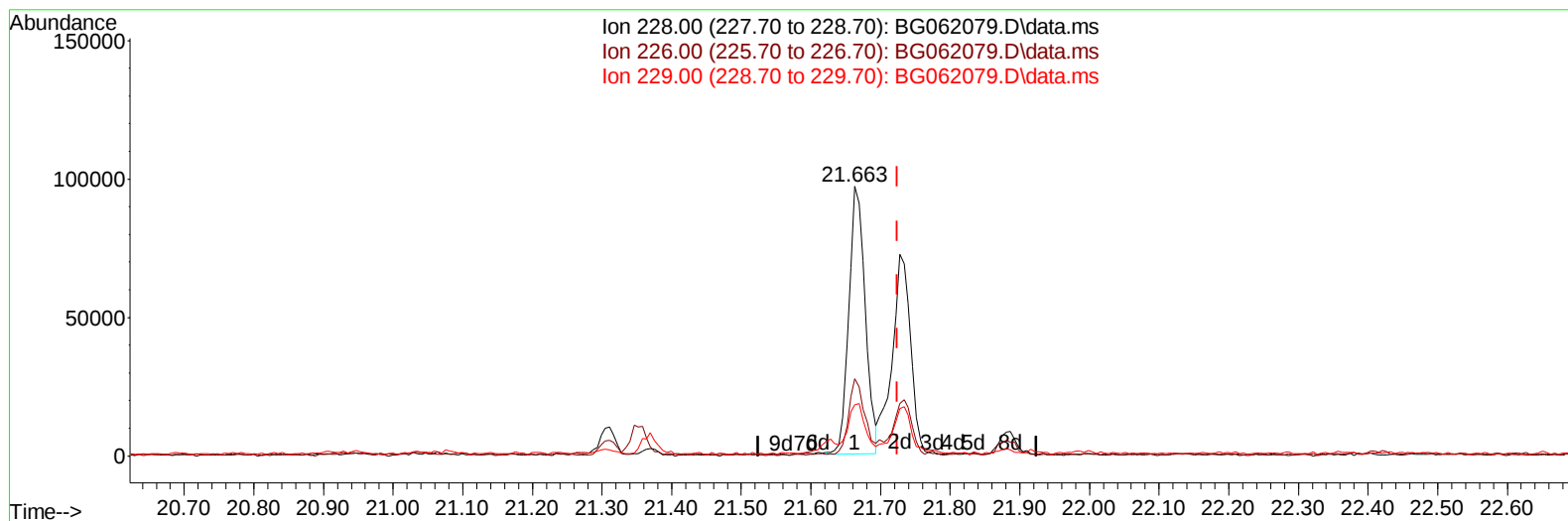
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
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 Acq On : 15 Jul 2024 22:07
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Instrument :
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Manual IntegrationsAPPROVED

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TIC: BG062079.D\data.ms

(87) Chrysene

21.663min (-0.061) 8.09 ng/u1

response 158394

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.10	28.63
229.00	19.40	19.06
0.00	0.00	0.00

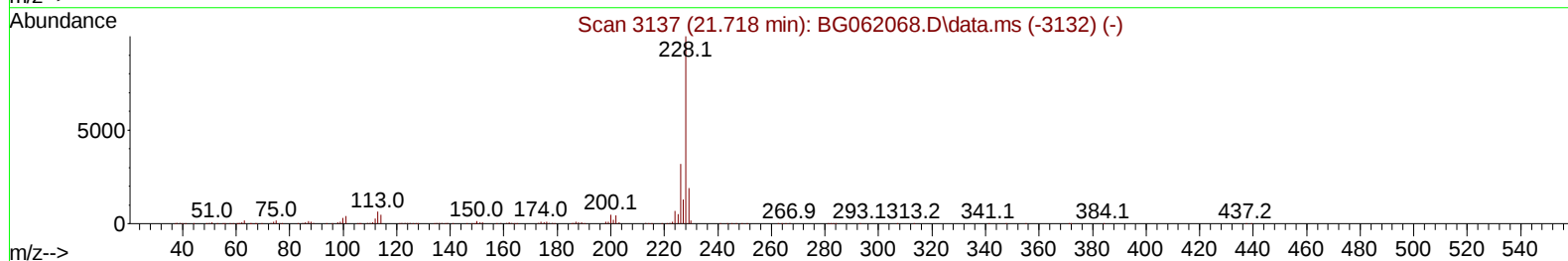
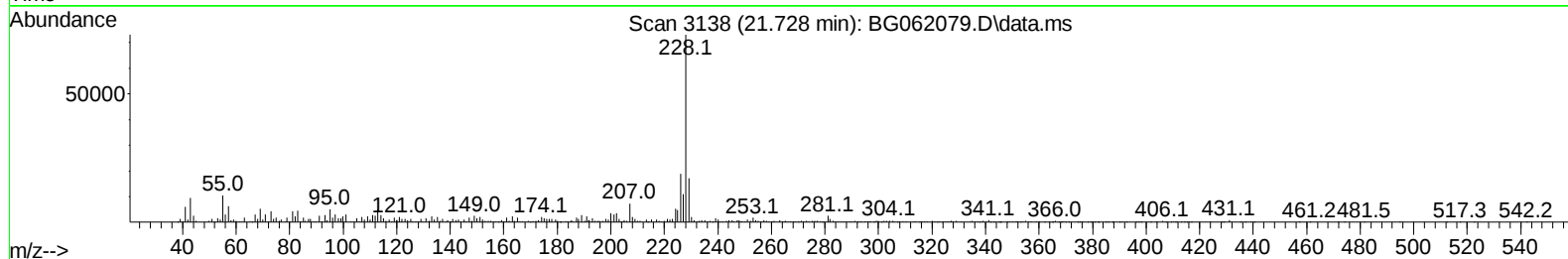
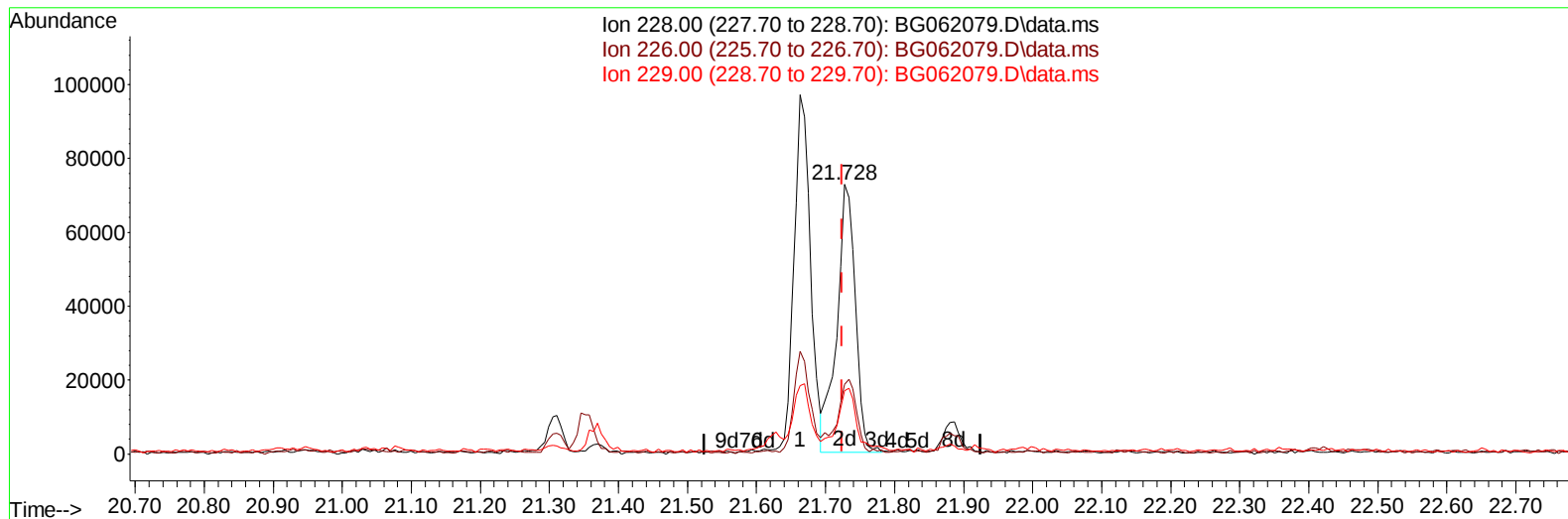
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Instrument :
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/20/2024



TIC: BG062079.D\data.ms

(87) Chrysene

21.728min (+ 0.003) 6.90 ng/ul m

response 135044

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.10	25.86
229.00	19.40	23.40#
0.00	0.00	0.00

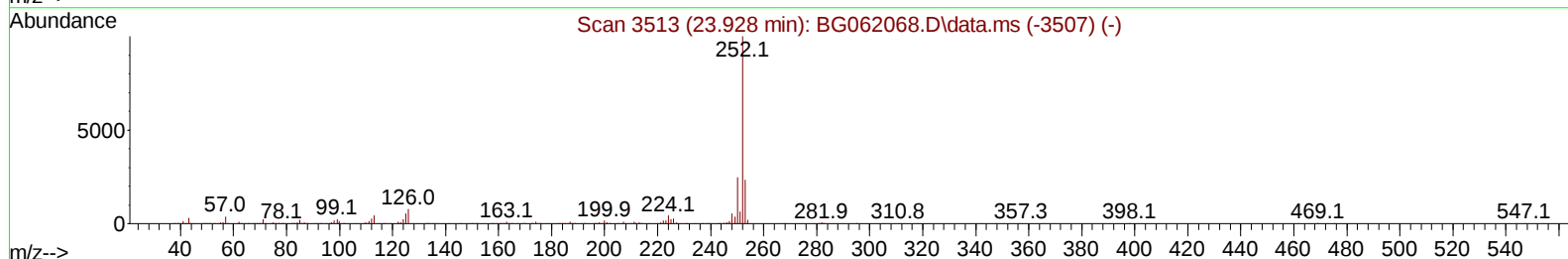
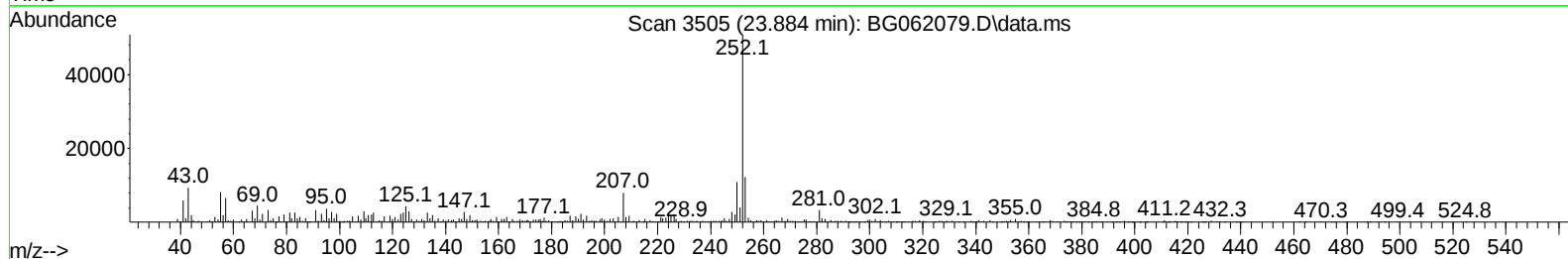
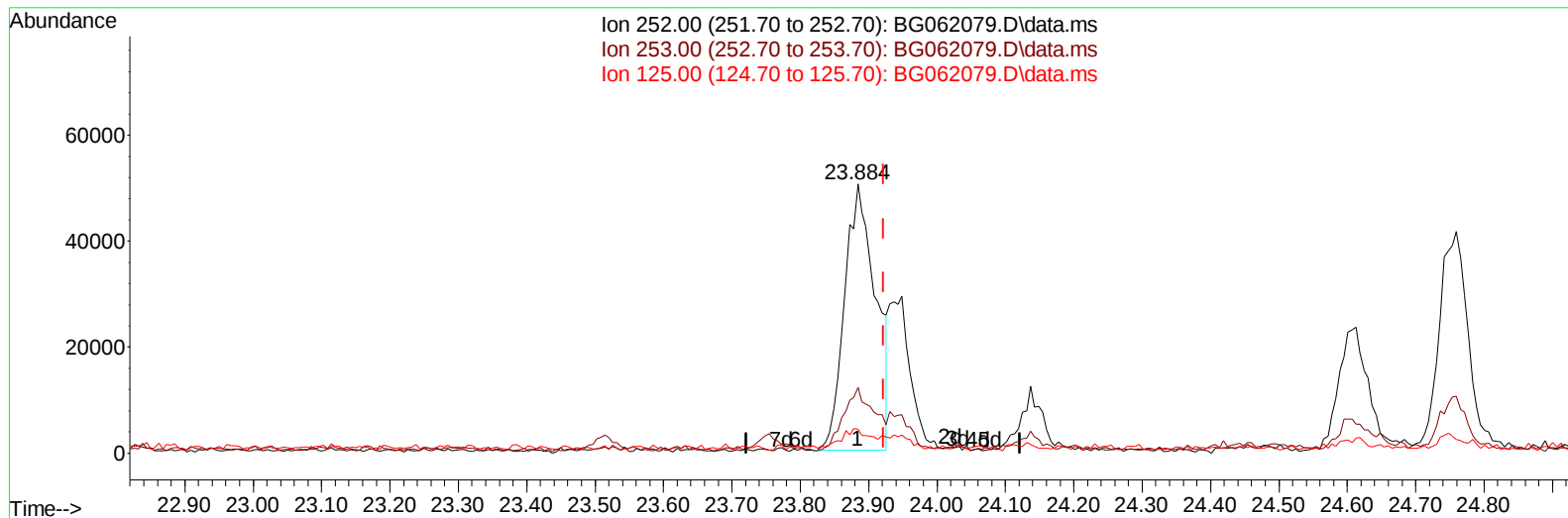
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Acq On : 15 Jul 2024 22:07
Operator : MA/JU
Sample : P3100-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BW6

Manual IntegrationsAPPROVED

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TIC: BG062079.D\data.ms

(91) Benzo(k)fluoranthene

23.884min (-0.038) 7.43 ng/u1

response 157890

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	24.36
125.00	7.90	8.87
0.00	0.00	0.00

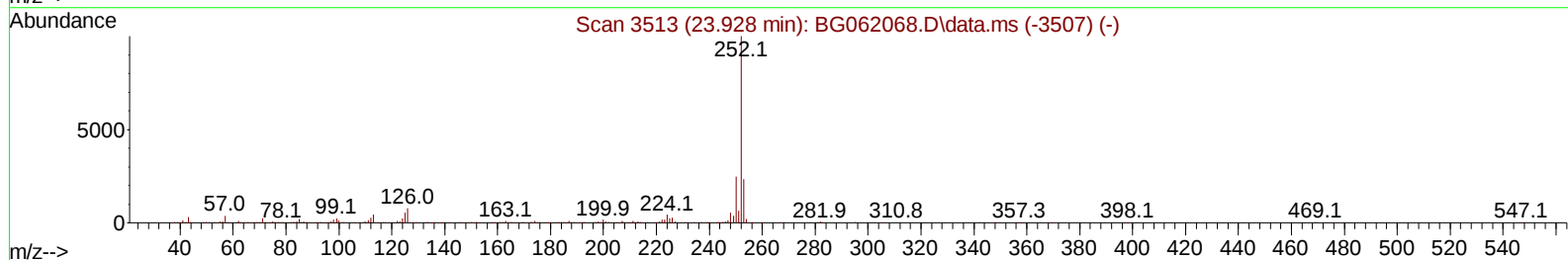
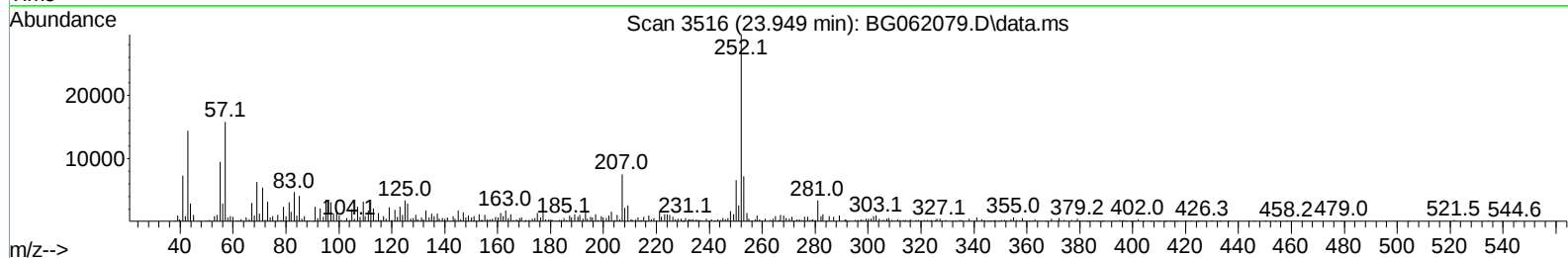
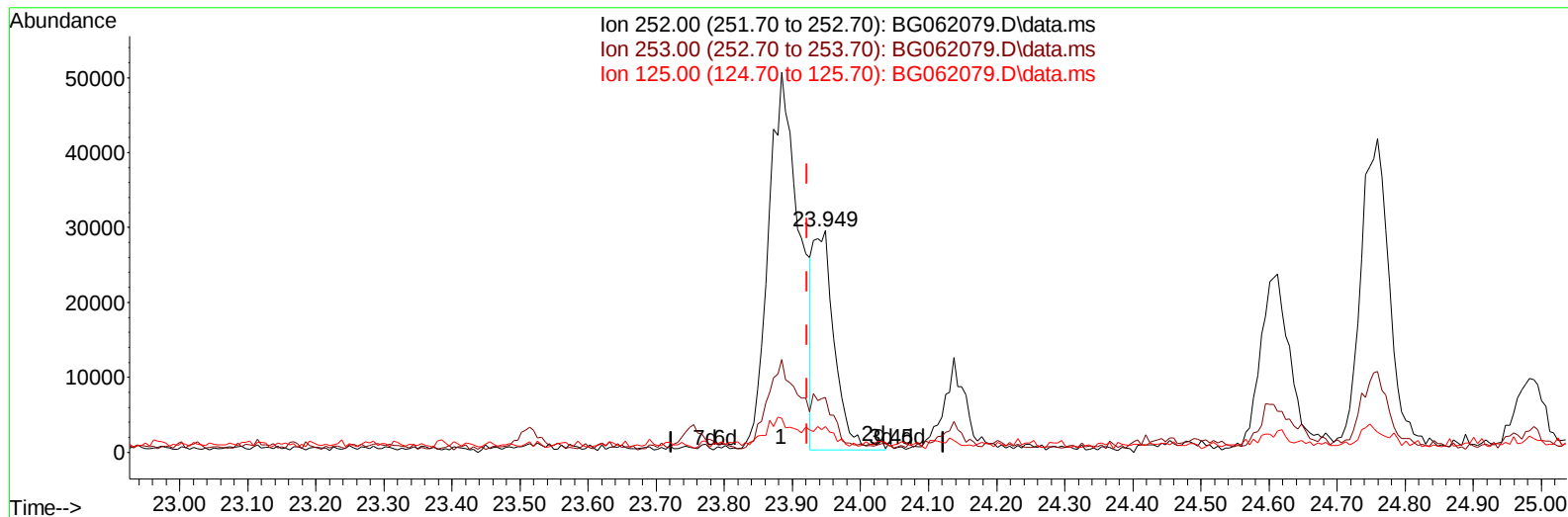
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062079.D
Acq On : 15 Jul 2024 22:07
Operator : MA/JU
Sample : P3100-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BW6

Manual IntegrationsAPPROVED

Quant Time: Jul 15 23:28:20 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
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Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/20/2024



TIC: BG062079.D\data.ms

(91) Benzo(k)fluoranthene

23.949min (+ 0.027) 3.01 ng/u1 m

response 63887

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	24.62
125.00	7.90	11.51#
0.00	0.00	0.00

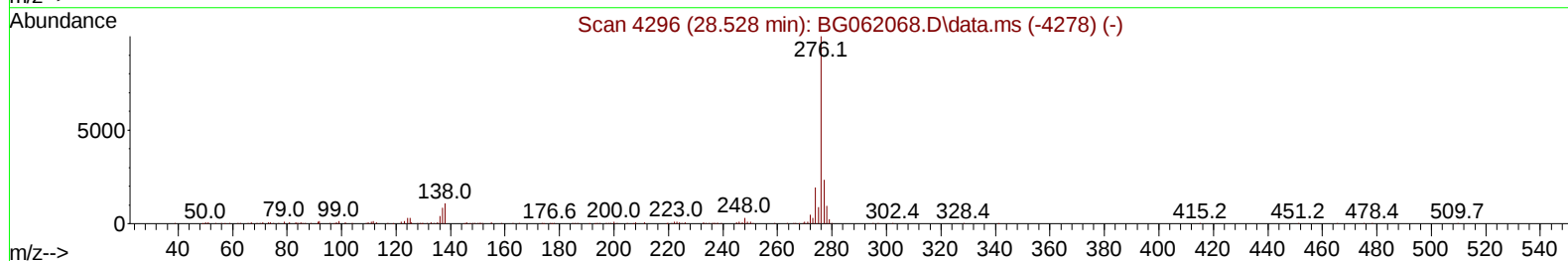
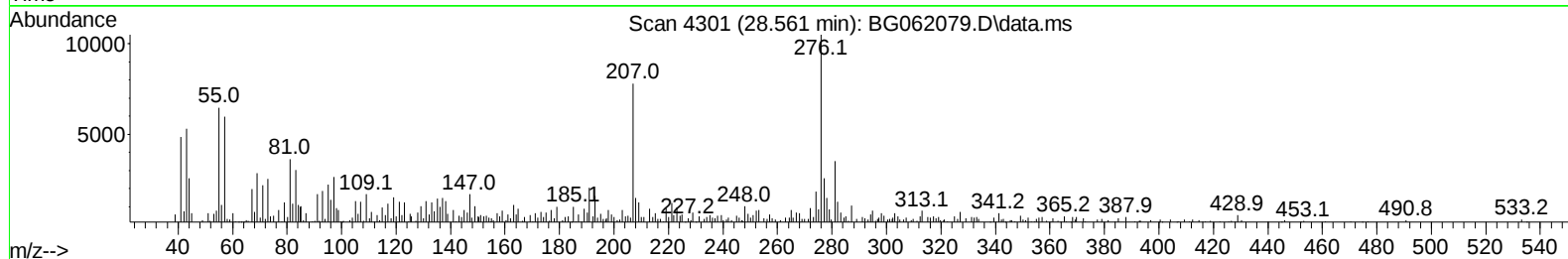
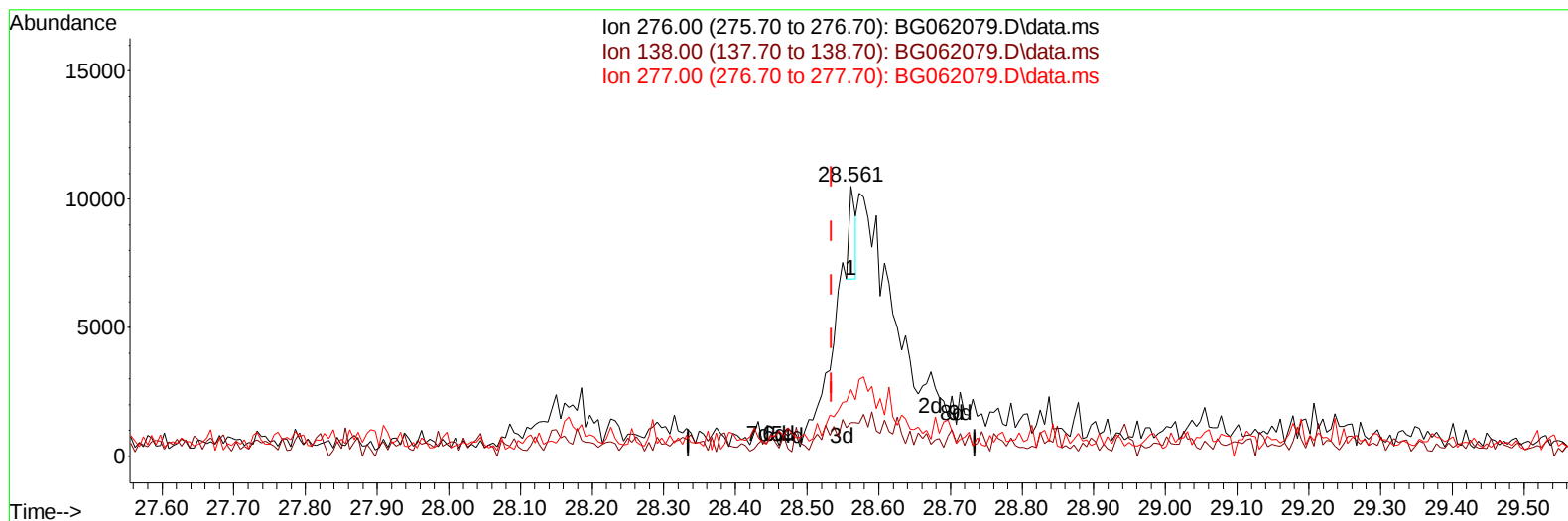
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062079.D
Acq On : 15 Jul 2024 22:07
Operator : MA/JU
Sample : P3100-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BW6

Manual IntegrationsAPPROVED

Quant Time: Jul 15 23:28:20 2024
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TIC: BG062079.D\data.ms

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

28.561min (+ 0.027) 0.08 ng/u1

response 2132

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	12.47
277.00	24.10	24.64
0.00	0.00	0.00

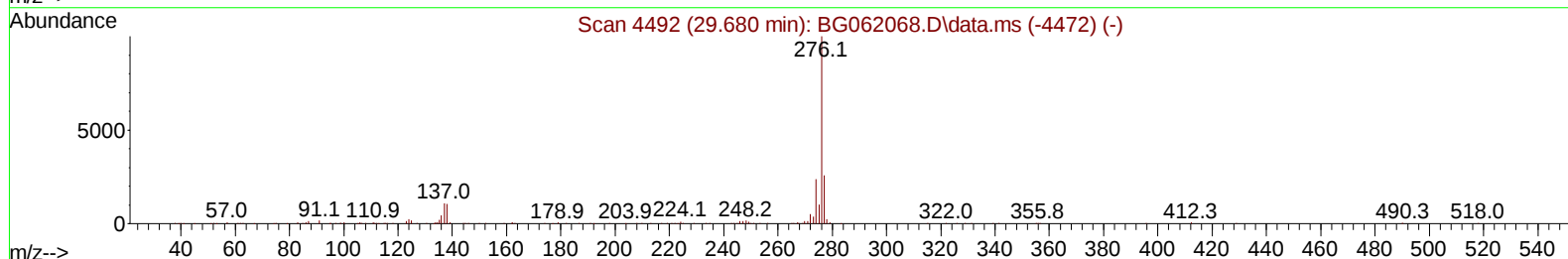
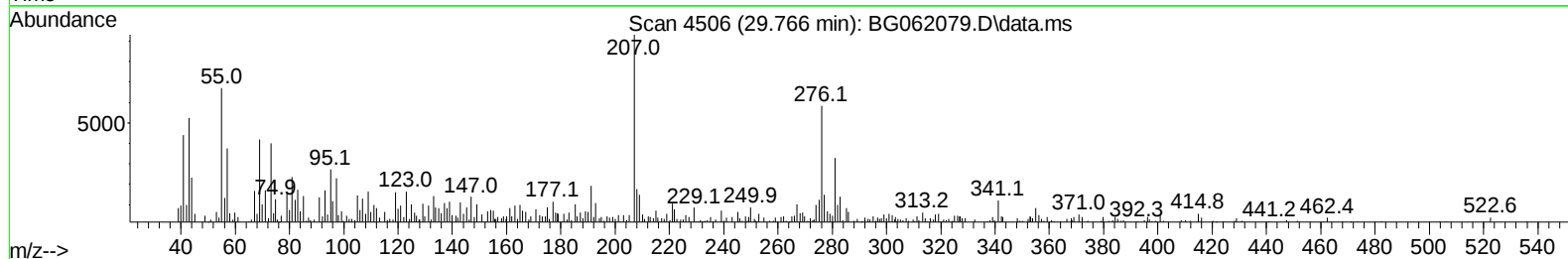
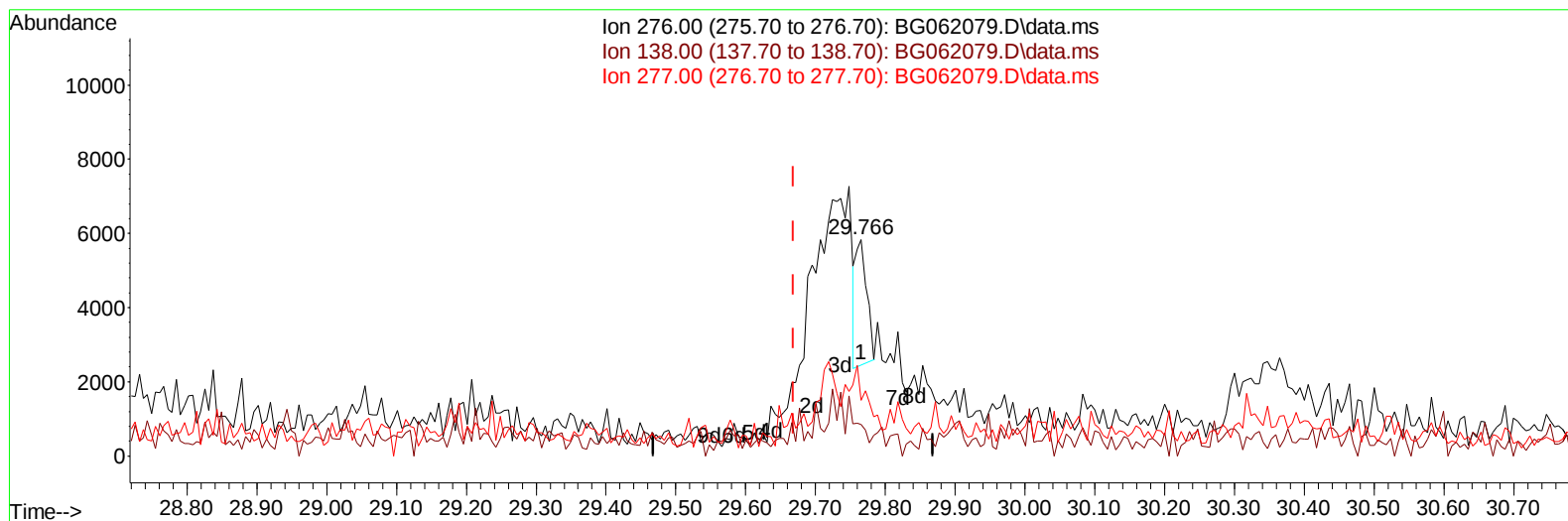
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062079.D
Acq On : 15 Jul 2024 22:07
Operator : MA/JU
Sample : P3100-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BW6

Manual IntegrationsAPPROVED

Quant Time: Jul 16 00:04:35 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: BG062079.D\data.ms

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

29.766min (+ 0.097) 0.18 ng/u1

response 3633

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.90	14.49
277.00	23.50	25.64
0.00	0.00	0.00

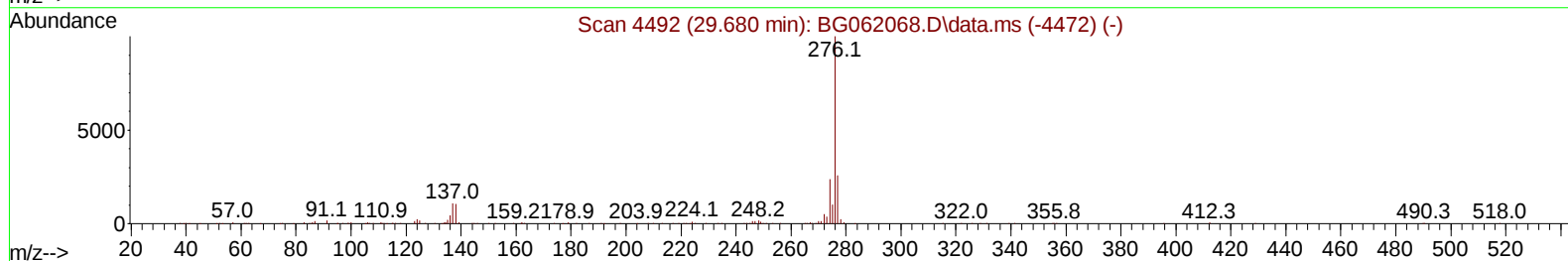
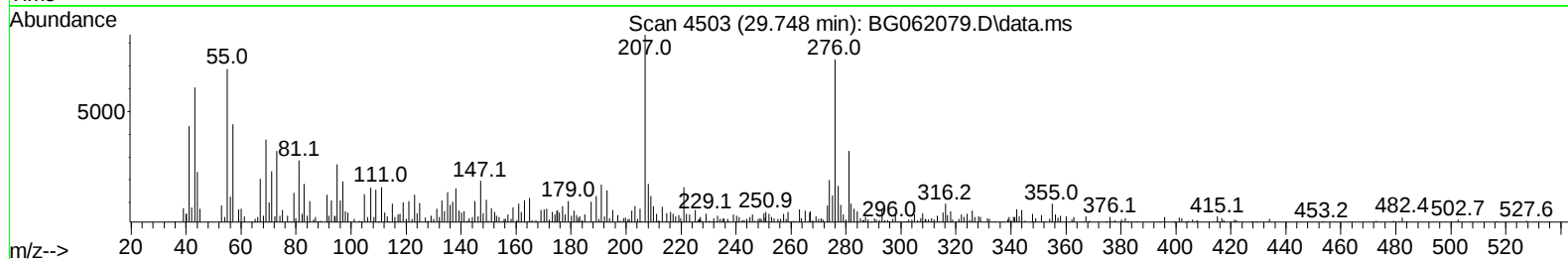
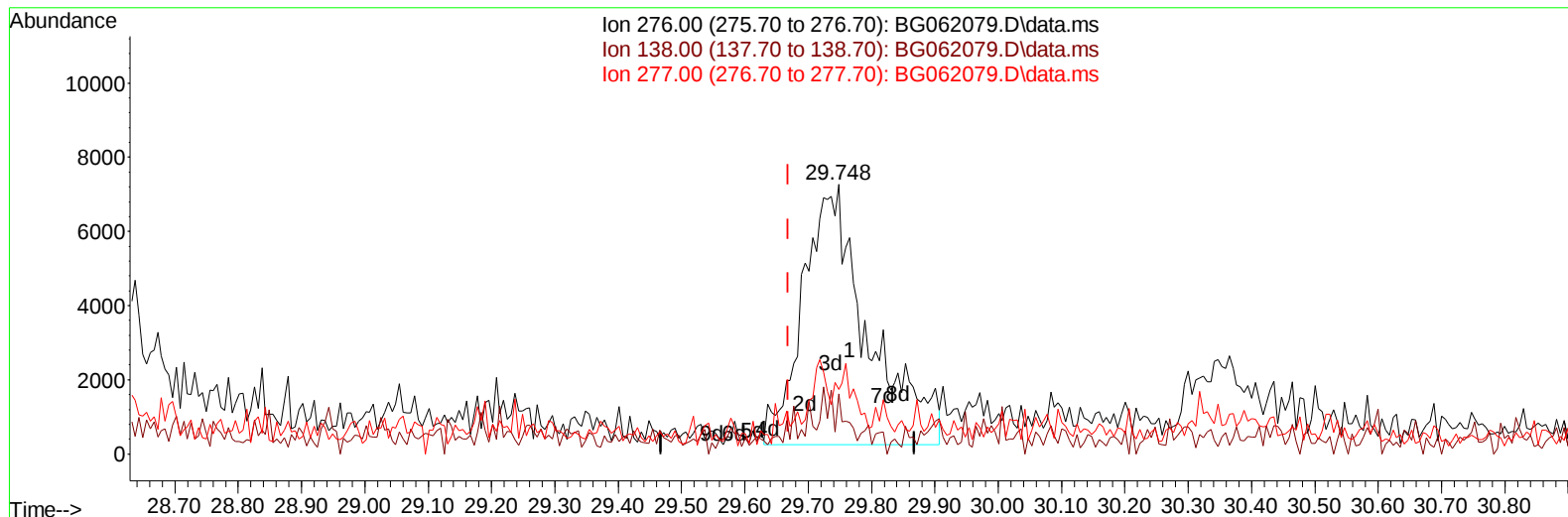
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

Quant Time: Jul 16 00:04:35 2024
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TIC: BG062079.D\data.ms

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

29.748min (+ 0.080) 2.42 ng/ul m

response 49747

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.90	22.35#
277.00	23.50	23.94
0.00	0.00	0.00

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 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 07/20/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.044	152	44881	20.000	ng/ul	0.00
20) Naphthalene-d8	10.858	136	216583	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.677	164	146651	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.427	188	323359	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.687	240	288702	20.000	ng/ul	# 0.00
88) Perylene-d12	24.907	264	338279	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.438	96	4147m	3.472	ng/uL	0.00
4) Pyridine-d5	3.866	84	57357	15.619	ng/ul	0.00
7) Phenol-d5	7.221	99	104601	21.297	ng/ul	0.03
9) Bis-(2-Chloroethyl)eth...	7.368	67	58664	18.861	ng/ul	0.00
11) 2-Chlorophenol-d4	7.580	132	77577	23.026	ng/ul	0.00
15) 4-Methylphenol-d8	8.761	113	85667	22.152	ng/ul	0.02
21) Nitrobenzene-d5	9.213	128	40486	24.579	ng/ul	0.00
24) 2-Nitrophenol-d4	9.936	143	48812	25.949	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.488	165	96835	26.689	ng/ul	0.02
31) 4-Chloroaniline-d4	10.993	131	114631	21.762	ng/ul	0.00
46) Dimethylphthalate-d6	14.078	166	293350	24.331	ng/ul	0.00
49) Acenaphthylene-d8	14.378	160	328470	26.054	ng/ul	0.00
54) 4-Nitrophenol-d4	14.901	143	38052	19.763	ng/ul	0.03
60) Fluorene-d10	15.670	176	256131	25.235	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.788	200	27258	16.051	ng/ul	0.00
73) Anthracene-d10	17.521	188	392147	25.975	ng/ul	0.00
81) Pyrene-d10	19.807	212	426979	25.144	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.689	264	447595	26.679	ng/ul	0.03
Target Compounds						
					Qvalue	
61) Fluorene	15.723	166	12902	1.123	ng/ul#	96
72) Phenanthrene	17.468	178	204724	12.007	ng/ul	99
74) Anthracene	17.556	178	50833	2.885	ng/ul	96
80) Fluoranthene	19.472	202	329117	16.377	ng/ul#	92
82) Pyrene	19.836	202	260451	12.547	ng/ul#	90
85) Benzo(a)anthracene	21.663	228	159678	7.639	ng/ul	98
87) Chrysene	21.728	228	135044m	6.901	ng/ul	
90) Benzo(b)fluoranthene	23.884	252	157890	7.408	ng/ul	95
91) Benzo(k)fluoranthene	23.949	252	63887m	3.006	ng/ul	
93) Benzo(a)pyrene	24.760	252	114504	5.674	ng/ul#	90
94) Indeno(1,2,3-cd)pyrene	28.561	276	61669m	2.391	ng/ul	
96) Benzo(g,h,i)perylene	29.748	276	49747m	2.425	ng/ul	

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

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Manual IntegrationsAPPROVED

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