

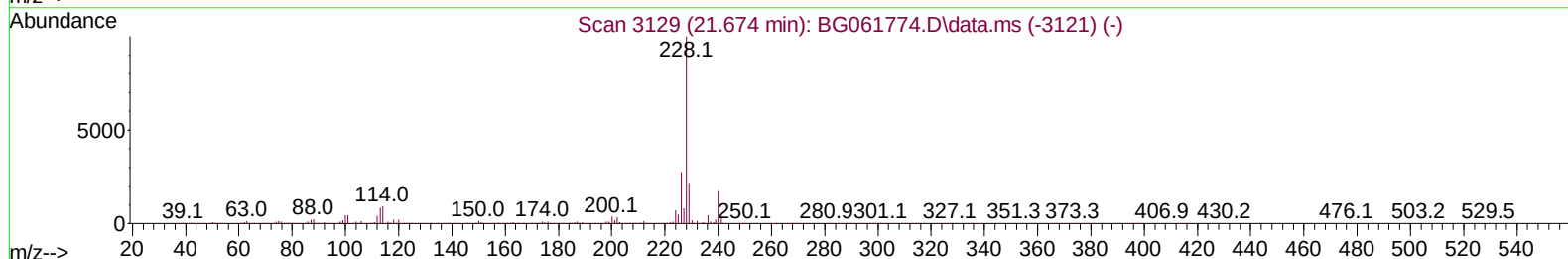
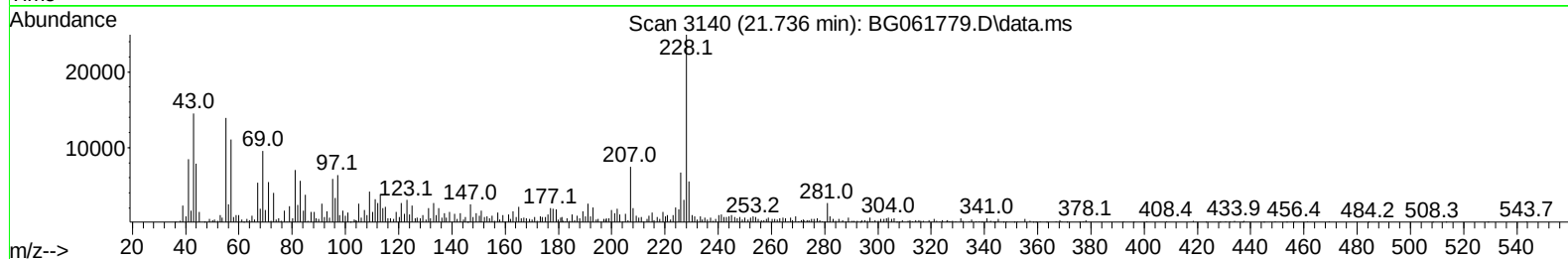
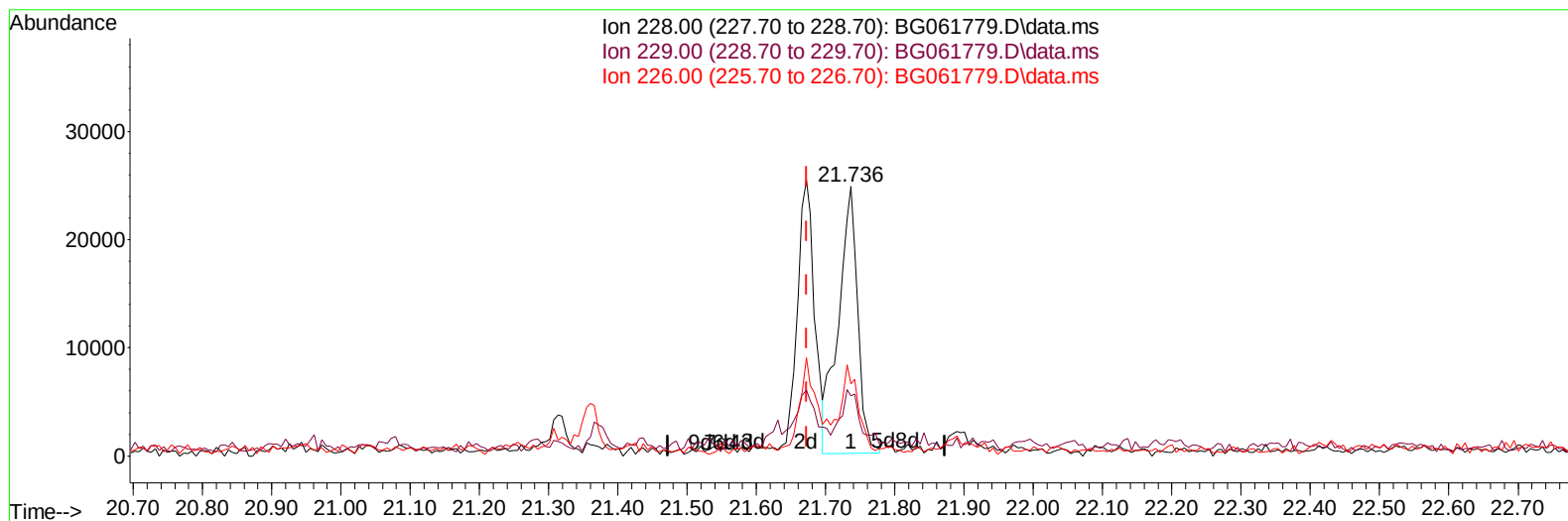
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062824\
Data File : BG061779.D
Acq On : 28 Jun 2024 19:43
Operator : MA/JU
Sample : P2934-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ2

Manual IntegrationsAPPROVED

Quant Time: Jun 29 01:11:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



TIC: BG061779.D\data.ms

(85) Benzo(a)anthracene

21.736min (+ 0.064) 1.80 ng/u1

response 48057

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.80	22.32
226.00	26.80	26.80
0.00	0.00	0.00

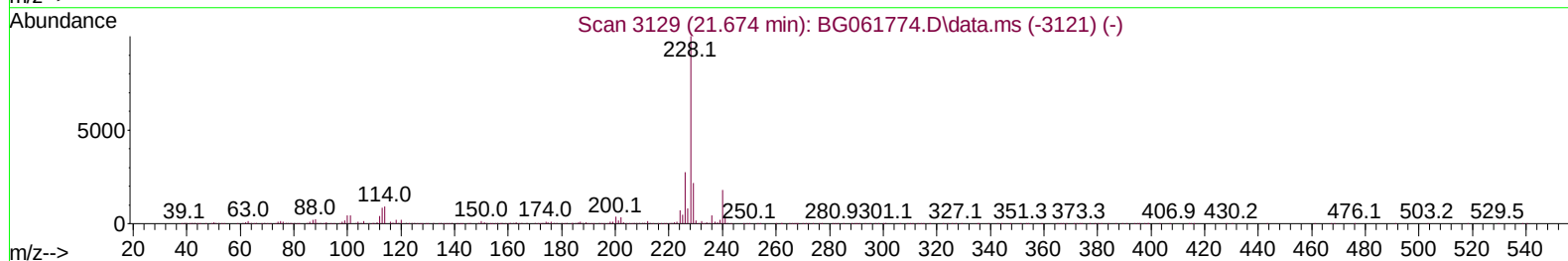
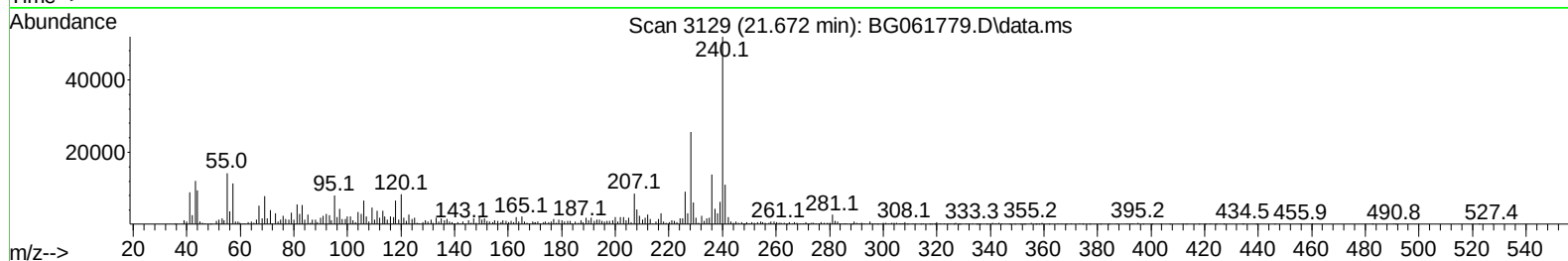
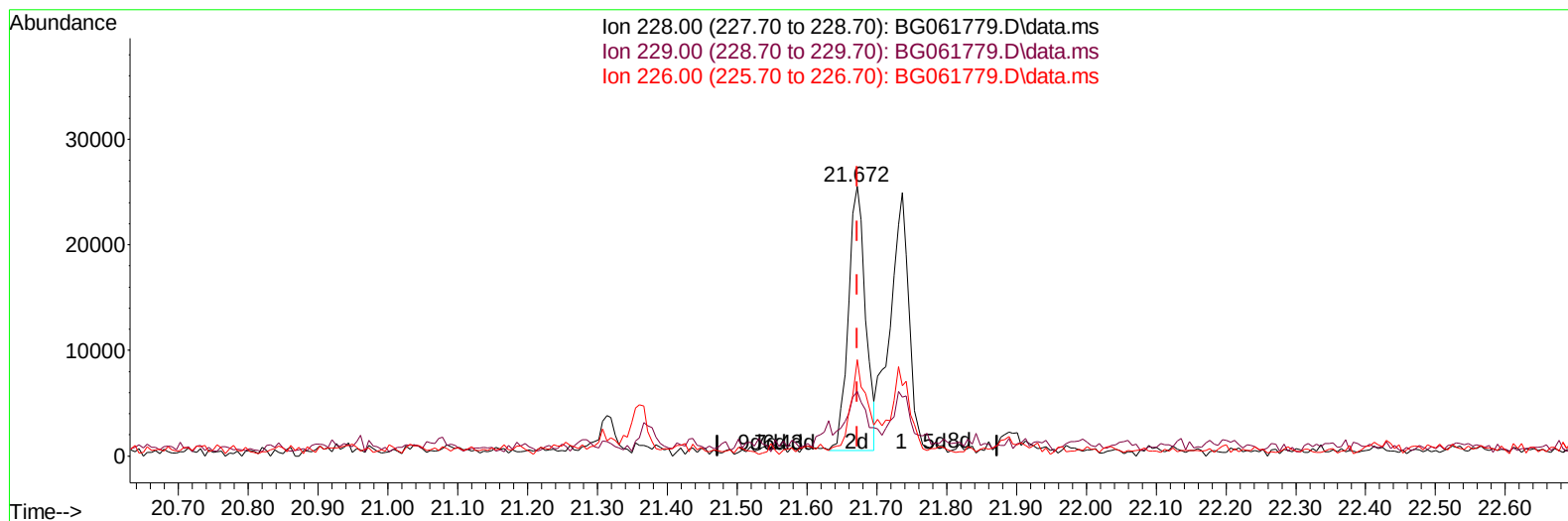
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062824\
Data File : BG061779.D
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Operator : MA/JU
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Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 06/29/2024



TIC: BG061779.D\data.ms

(85) Benzo(a)anthracene

21.672min (-0.001) 1.60 ng/ul m

response 42751

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.80	23.94#
226.00	26.80	35.65#
0.00	0.00	0.00

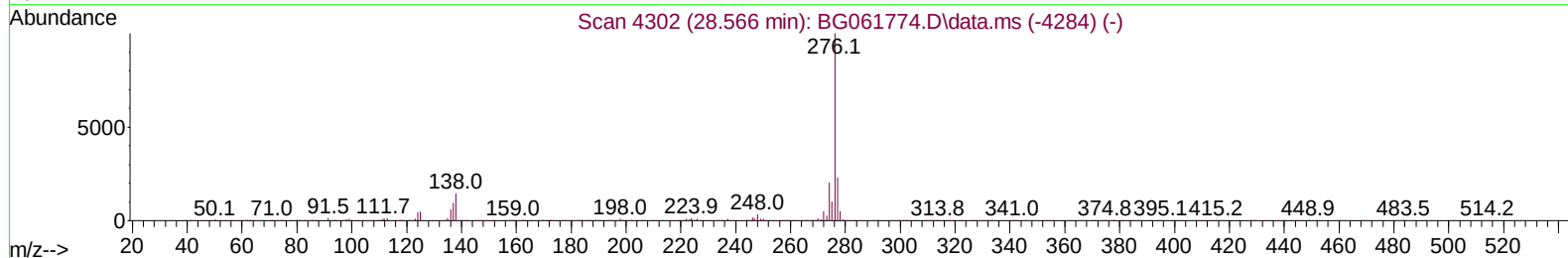
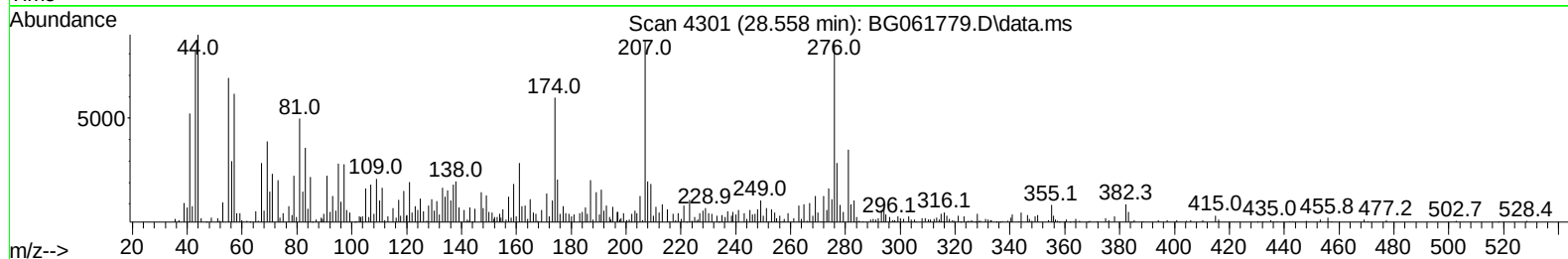
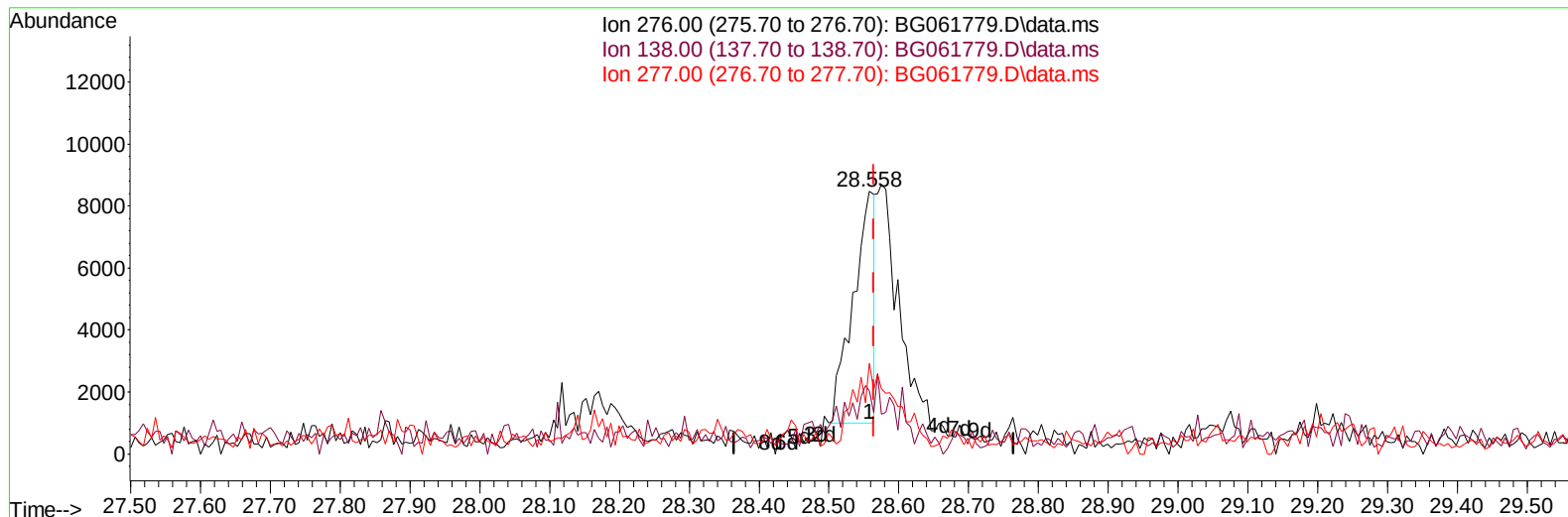
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062824\
Data File : BG061779.D
Acq On : 28 Jun 2024 19:43
Operator : MA/JU
Sample : P2934-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ2

Manual IntegrationsAPPROVED

Quant Time: Jun 29 01:11:17 2024
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TIC: BG061779.D\data.ms

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

28.558min (-0.007) 0.49 ng/u1

response 15765

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	24.19#
277.00	24.60	34.50#
0.00	0.00	0.00

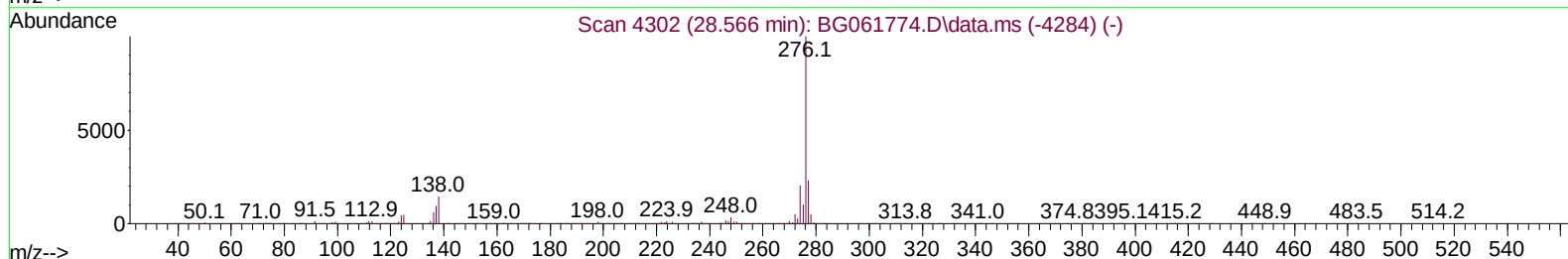
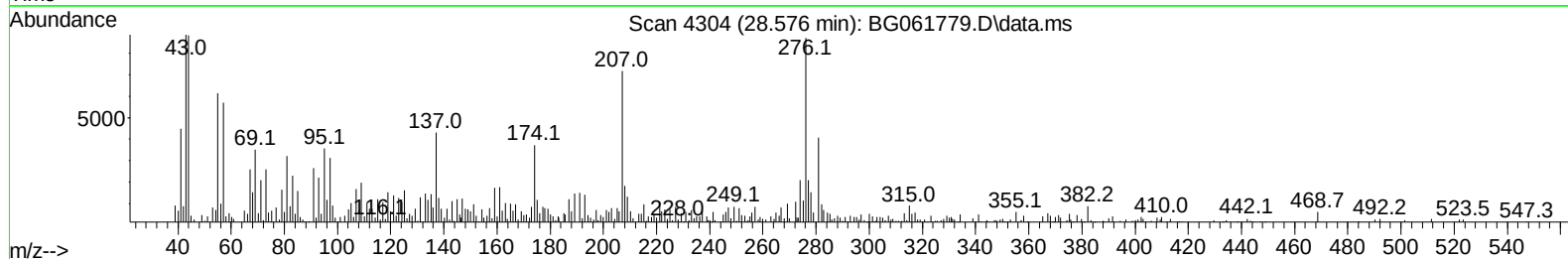
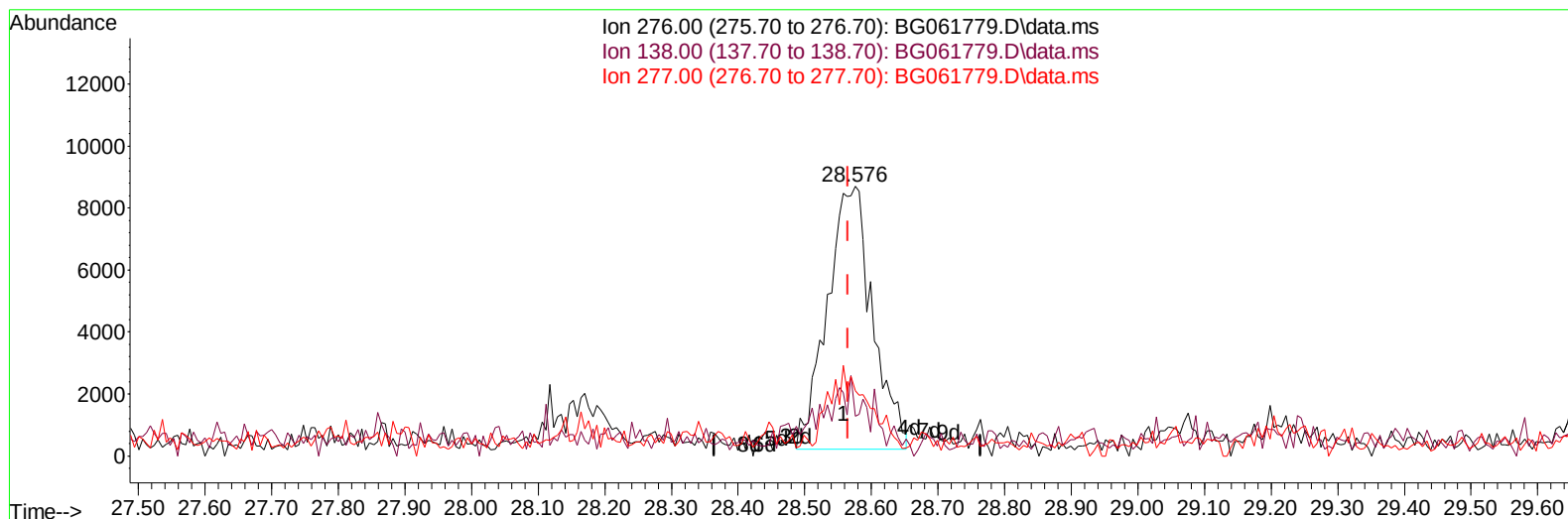
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062824\
Data File : BG061779.D
Acq On : 28 Jun 2024 19:43
Operator : MA/JU
Sample : P2934-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ2

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:36:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
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Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



TIC: BG061779.D\data.ms

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

28.576min (+ 0.011) 1.25 ng/ul m

response 39941

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	14.73
277.00	24.60	24.19
0.00	0.00	0.00

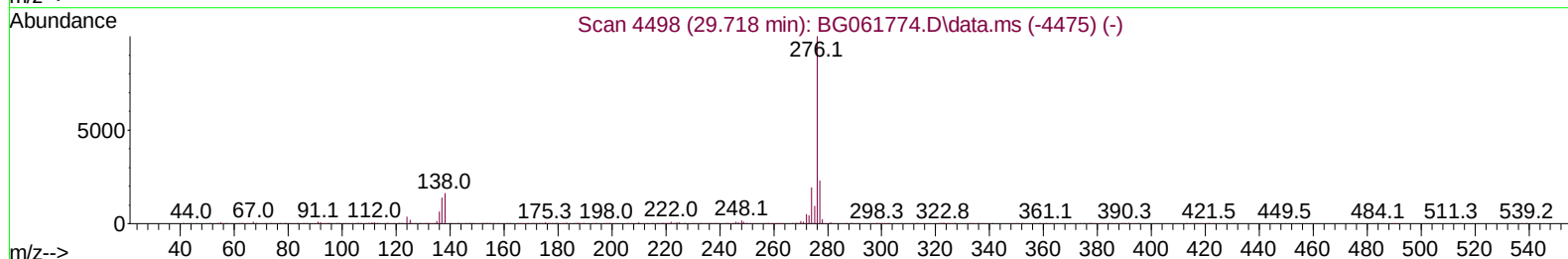
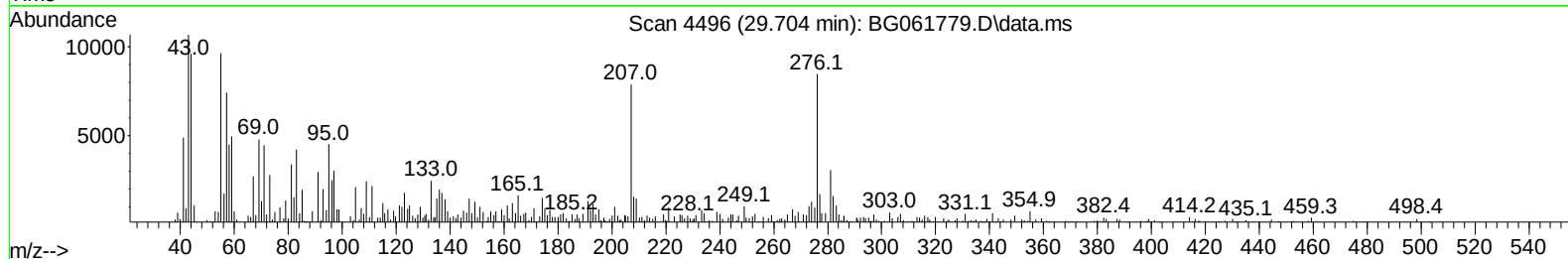
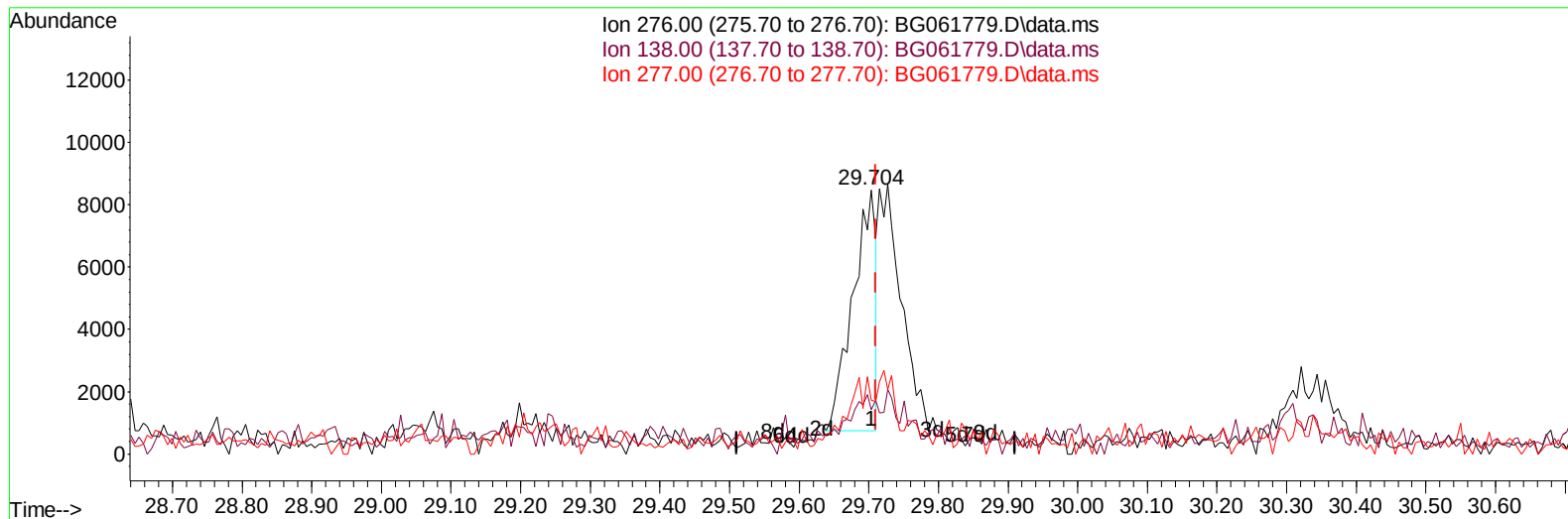
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Data File : BG061779.D
Acq On : 28 Jun 2024 19:43
Operator : MA/JU
Sample : P2934-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ2

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:36:41 2024
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TIC: BG061779.D\data.ms

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

29.704min (-0.007) 0.68 ng/u1

response 17436

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	16.75
277.00	23.20	20.44
0.00	0.00	0.00

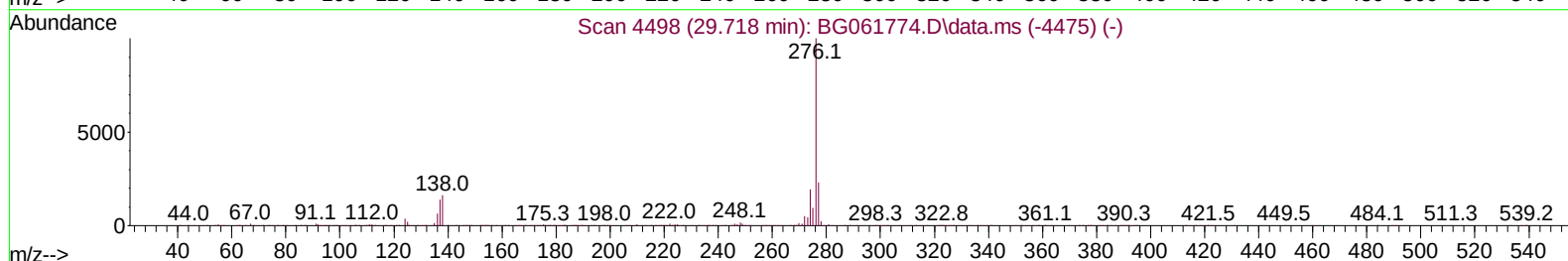
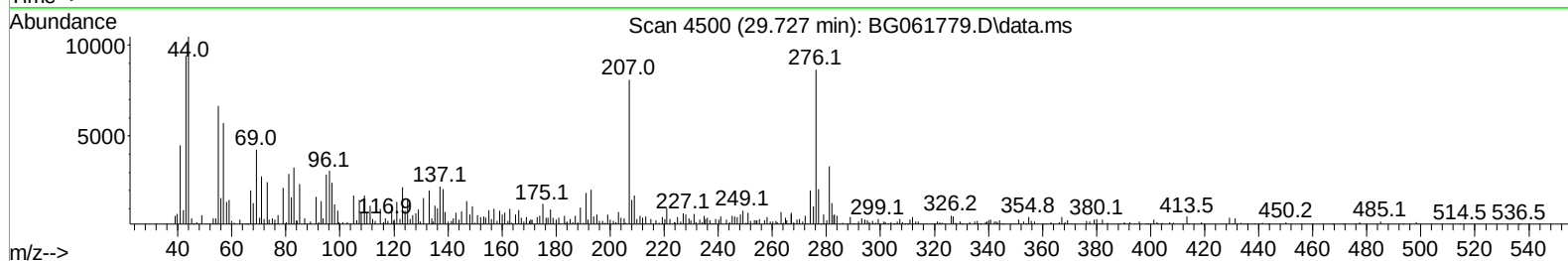
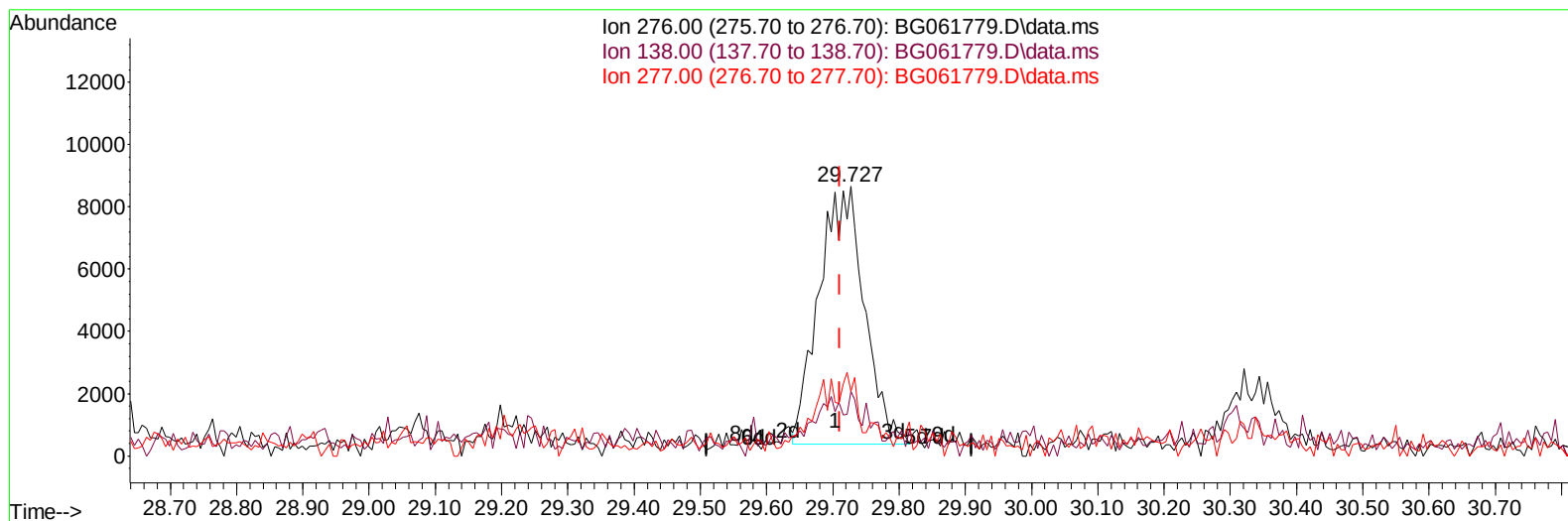
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062824\
Data File : BG061779.D
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Operator : MA/JU
Sample : P2934-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ2

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:37:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
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Supervised By :mohammad ahmed 06/29/2024



TIC: BG061779.D\data.ms

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

29.727min (+ 0.017) 1.52 ng/ul m

response 39112

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	23.96#
277.00	23.20	24.04
0.00	0.00	0.00

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 Sample : P2934-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CQ2

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:39:46 2024
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 12:23:53 2024
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Reviewed By :Yogesh Patel 06/29/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	82572	20.000	ng/ul	0.00
20) Naphthalene-d8	10.867	136	375819	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.686	164	238754	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.430	188	505837	20.000	ng/ul	0.00
79) Chrysene-d12	21.689	240	380665	20.000	ng/ul	0.00
88) Perylene-d12	24.909	264	442391	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	8260	3.614	ng/uL	0.01
4) Pyridine-d5	3.881	84	90024	13.026	ng/ul	0.01
7) Phenol-d5	7.206	99	182315	20.339	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.377	67	113478	20.308	ng/ul	0.00
11) 2-Chlorophenol-d4	7.582	132	127711	20.762	ng/ul	0.00
15) 4-Methylphenol-d8	8.752	113	136396	19.683	ng/ul	0.00
21) Nitrobenzene-d5	9.222	128	65900	25.825	ng/ul	0.00
24) 2-Nitrophenol-d4	9.939	143	72012	27.863	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.479	165	133029	21.738	ng/ul	0.00
31) 4-Chloroaniline-d4	10.996	131	60474	6.527	ng/ul	0.00
46) Dimethylphthalate-d6	14.087	166	391306	21.298	ng/ul	0.00
49) Acenaphthylene-d8	14.380	160	452518	22.474	ng/ul	0.00
54) 4-Nitrophenol-d4	14.862	143	56266	17.831	ng/ul	0.00
60) Fluorene-d10	15.673	176	340018	21.139	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.785	200	30520	14.110	ng/ul	0.00
73) Anthracene-d10	17.524	188	494086	21.399	ng/ul	0.00
81) Pyrene-d10	19.809	212	517237	24.325	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.686	264	474716	22.467	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.471	178	47384	1.781	ng/ul	95
80) Fluoranthene	19.474	202	80695	3.271	ng/ul#	94
82) Pyrene	19.839	202	78420	2.989	ng/ul	99
85) Benzo(a)anthracene	21.672	228	42751m	1.600	ng/ul	
87) Chrysene	21.736	228	46201	1.827	ng/ul	95
90) Benzo(b)fluoranthene	23.893	252	67706	2.546	ng/ul#	95
93) Benzo(a)pyrene	24.756	252	45054	1.760	ng/ul#	90
94) Indeno(1,2,3-cd)pyrene	28.576	276	39941m	1.252	ng/ul	
96) Benzo(g,h,i)perylene	29.727	276	39112m	1.521	ng/ul	

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

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