

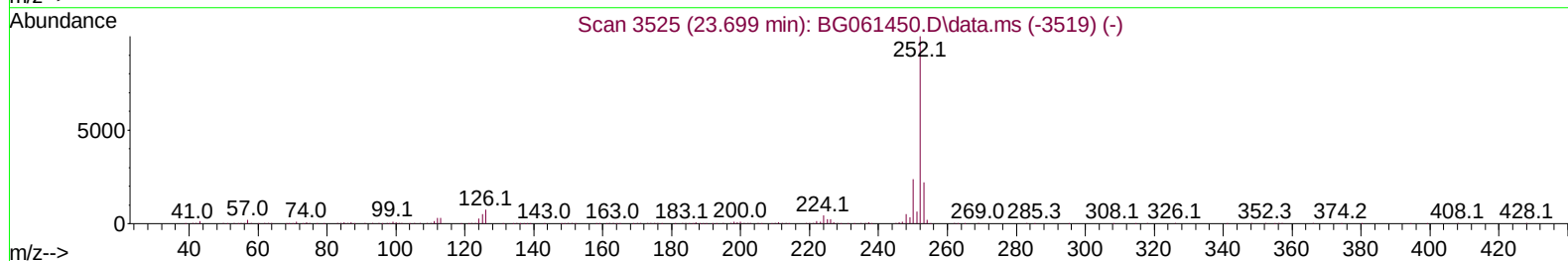
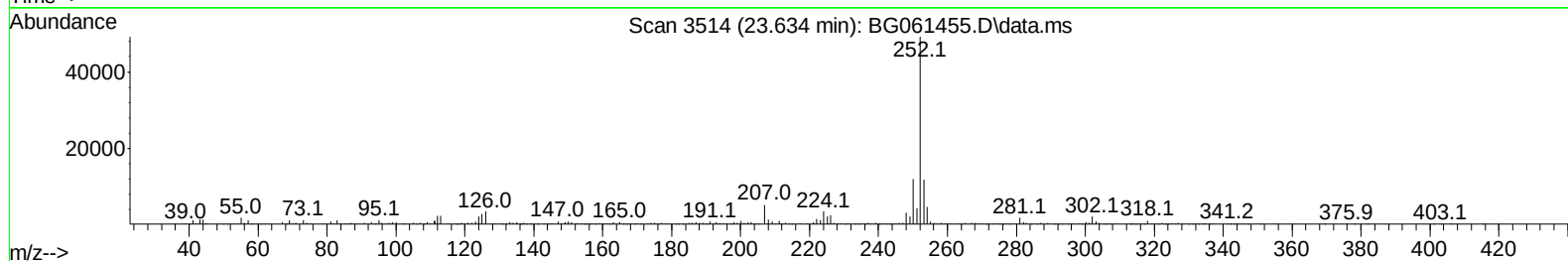
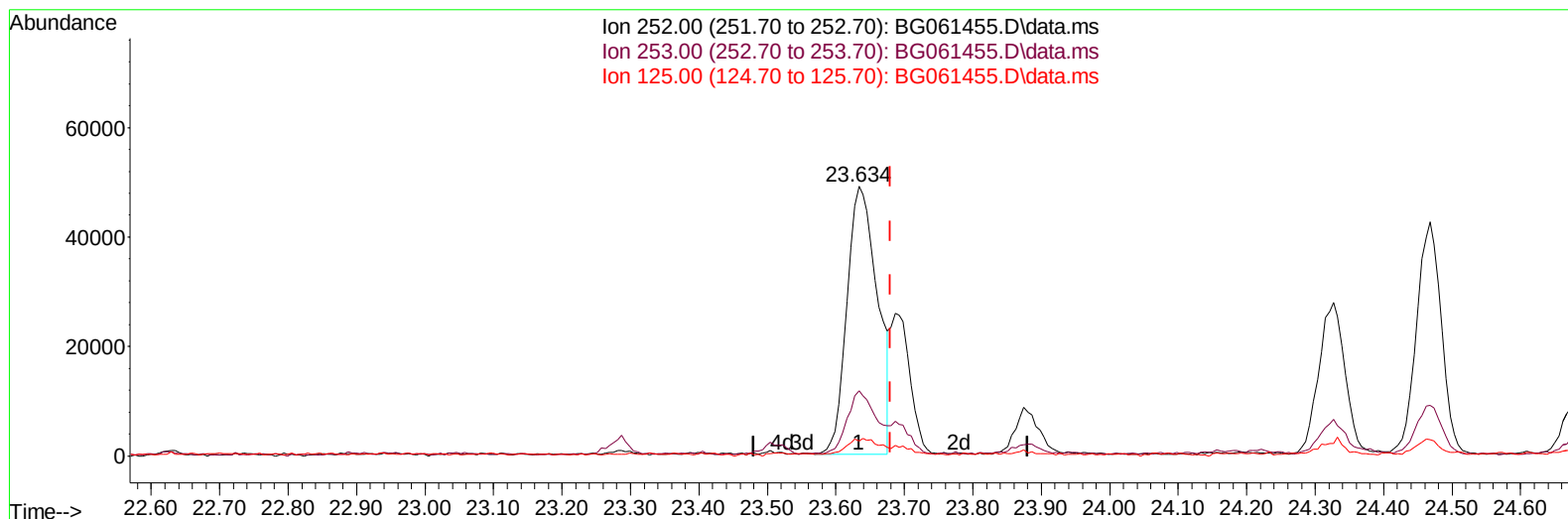
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061455.D
Acq On : 4 Jun 2024 14:49
Operator : MA/JU
Sample : P2590-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL9

Manual IntegrationsAPPROVED

Quant Time: Jun 04 15:24:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



TIC: BG061455.D\data.ms

(91) Benzo(k)fluoranthene

23.634min (-0.047) 10.34 ng/u1

response 151632

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	24.11#
125.00	5.40	5.64
0.00	0.00	0.00

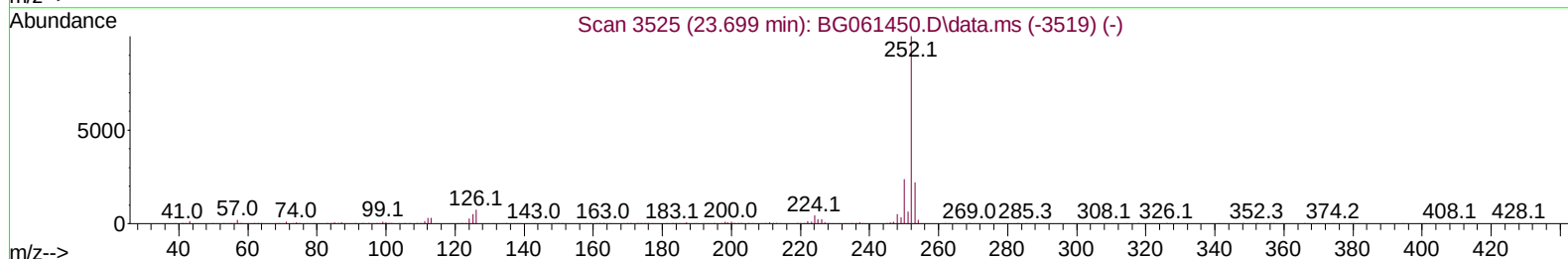
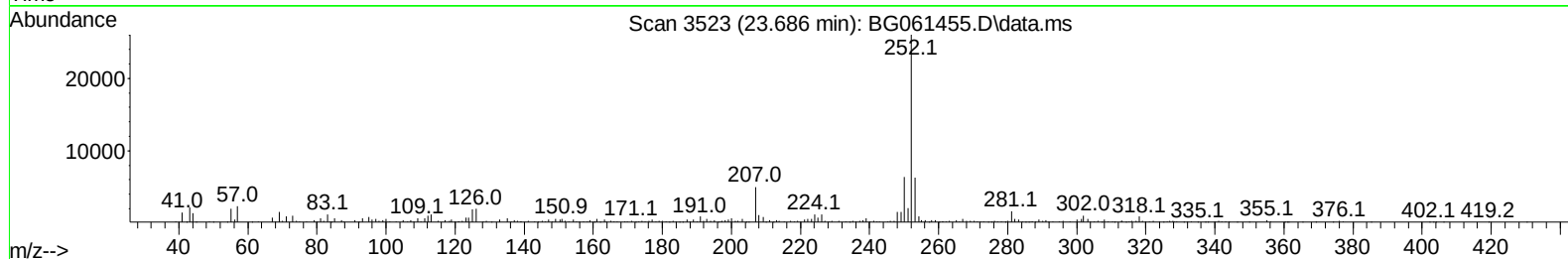
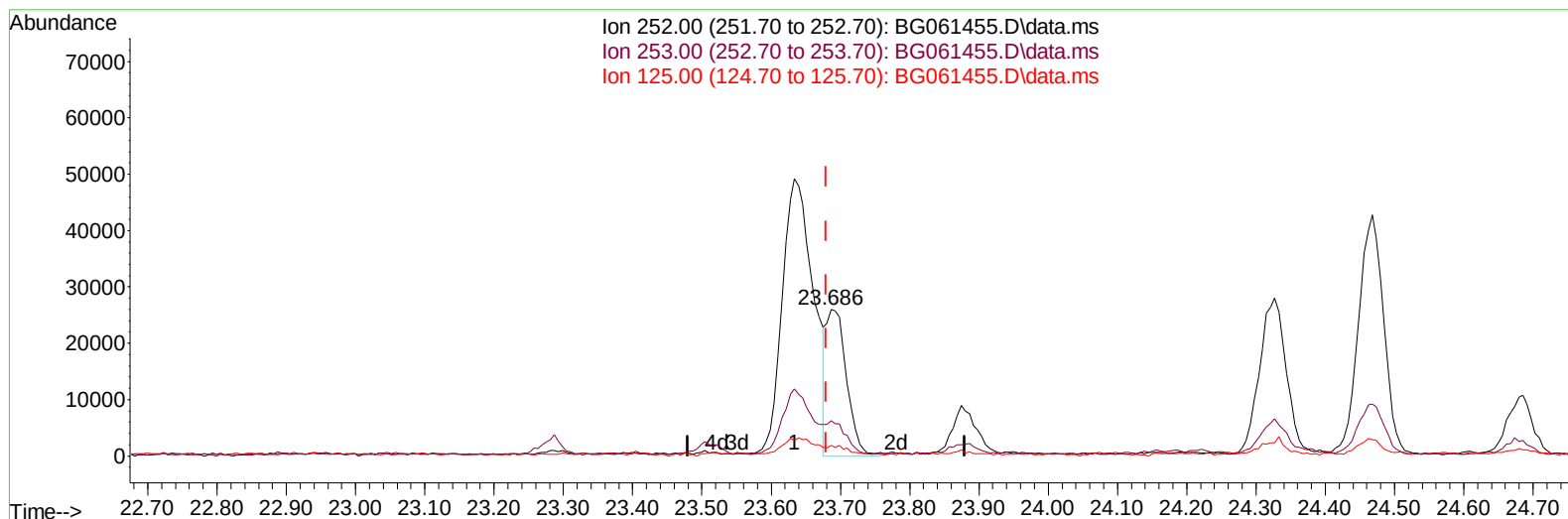
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TIC: BG061455.D\data.ms

(91) Benzo(k)fluoranthene

23.686min (+ 0.006) 3.60 ng/u1 m

response 52850

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	24.26#
125.00	5.40	7.25#
0.00	0.00	0.00

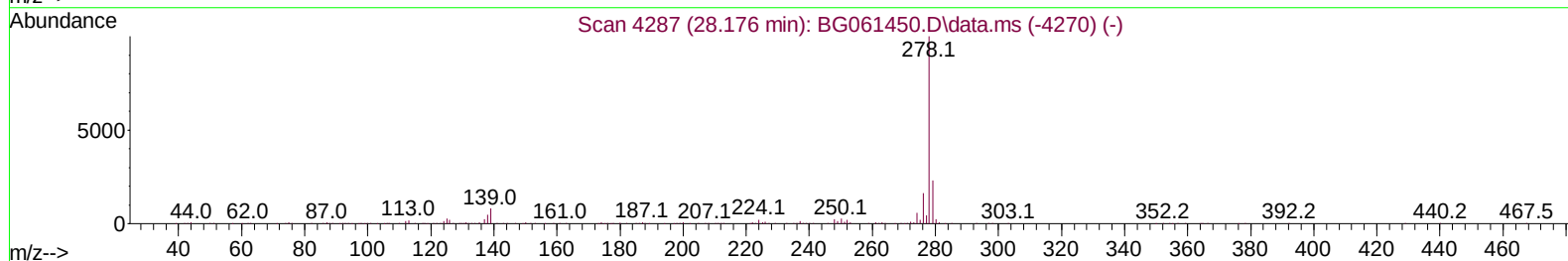
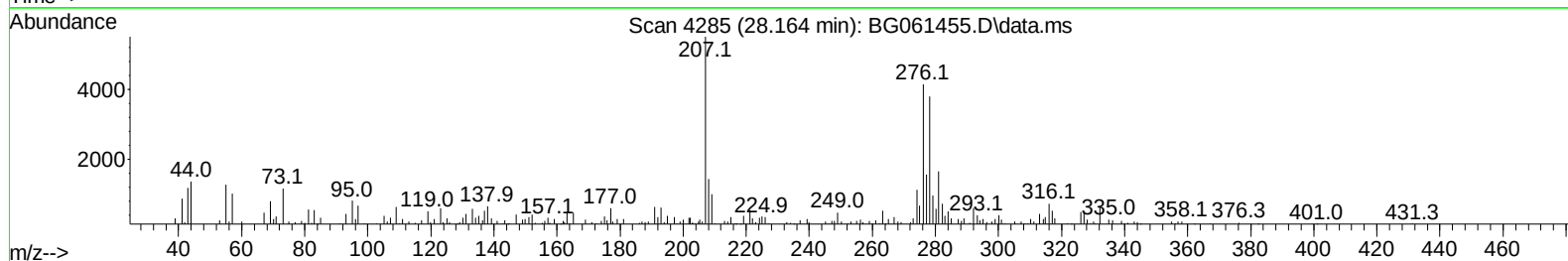
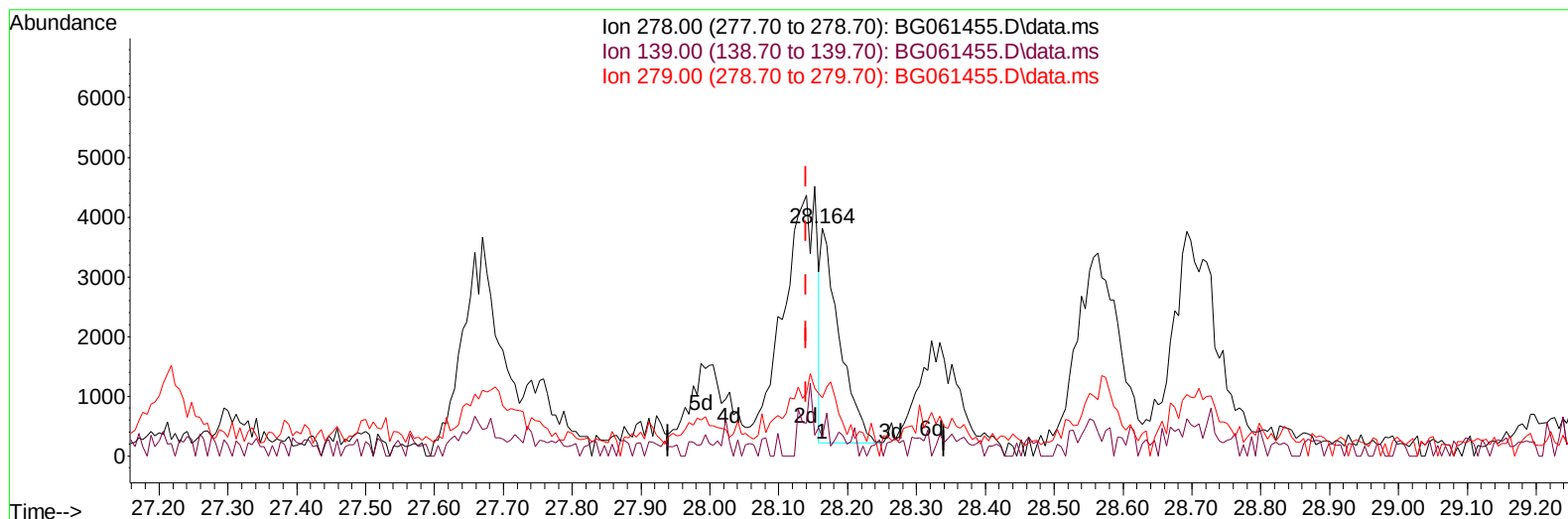
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Data File : BG061455.D
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Operator : MA/JU
Sample : P2590-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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TIC: BG061455.D\data.ms

(95) Dibenzo(a,h)anthracene

28.164min (+ 0.024) 0.49 ng/u1

response 6703

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	8.23
279.00	24.90	25.43
0.00	0.00	0.00

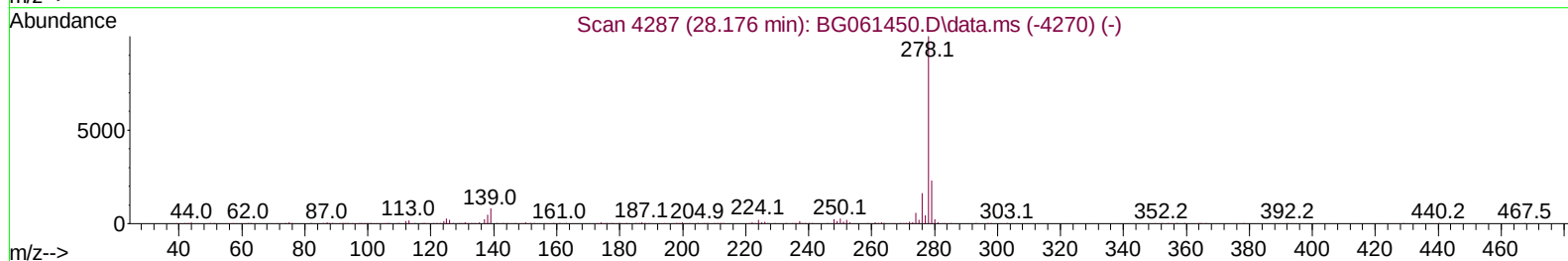
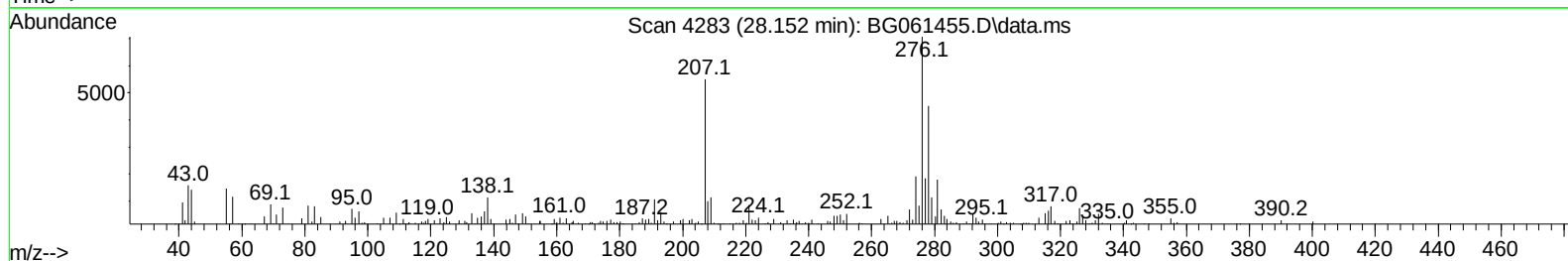
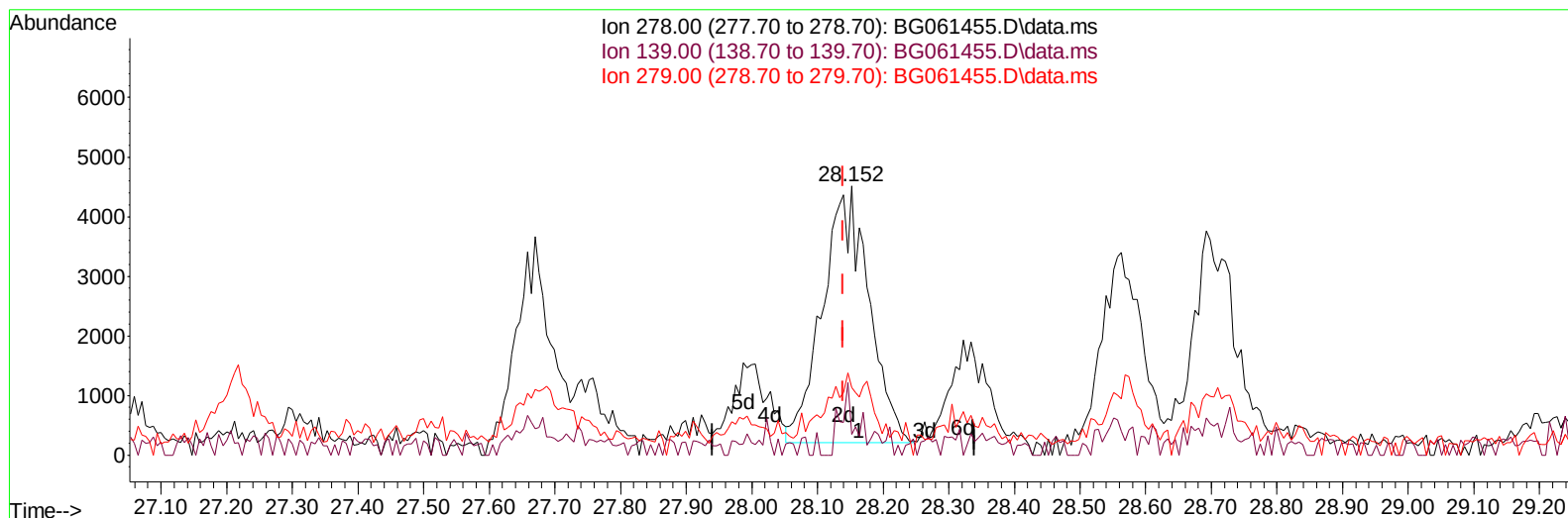
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061455.D
 Acq On : 4 Jun 2024 14:49
 Operator : MA/JU
 Sample : P2590-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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TIC: BG061455.D\data.ms

(95) Dibenzo(a,h)anthracene

28.152min (+ 0.012) 1.53 ng/ul m

response 20961

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	7.76
279.00	24.90	25.18
0.00	0.00	0.00

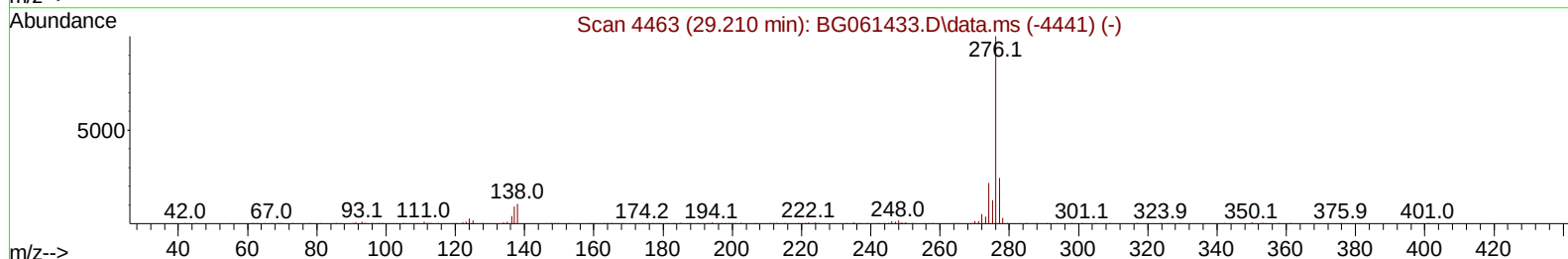
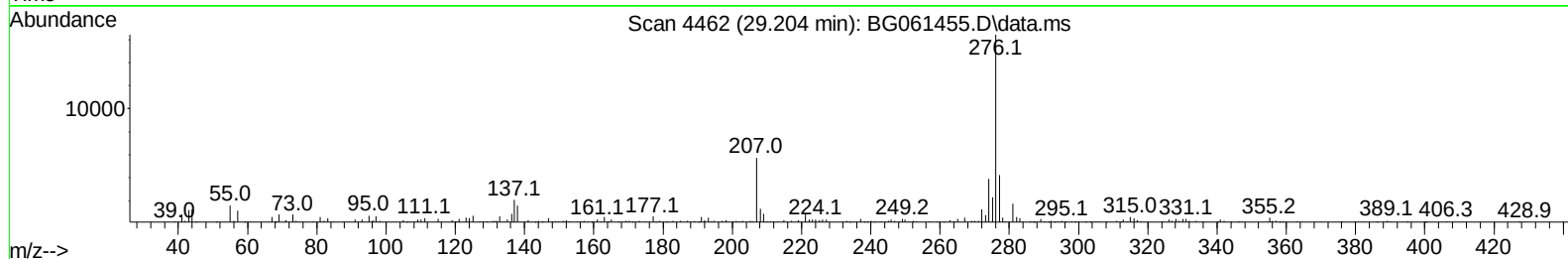
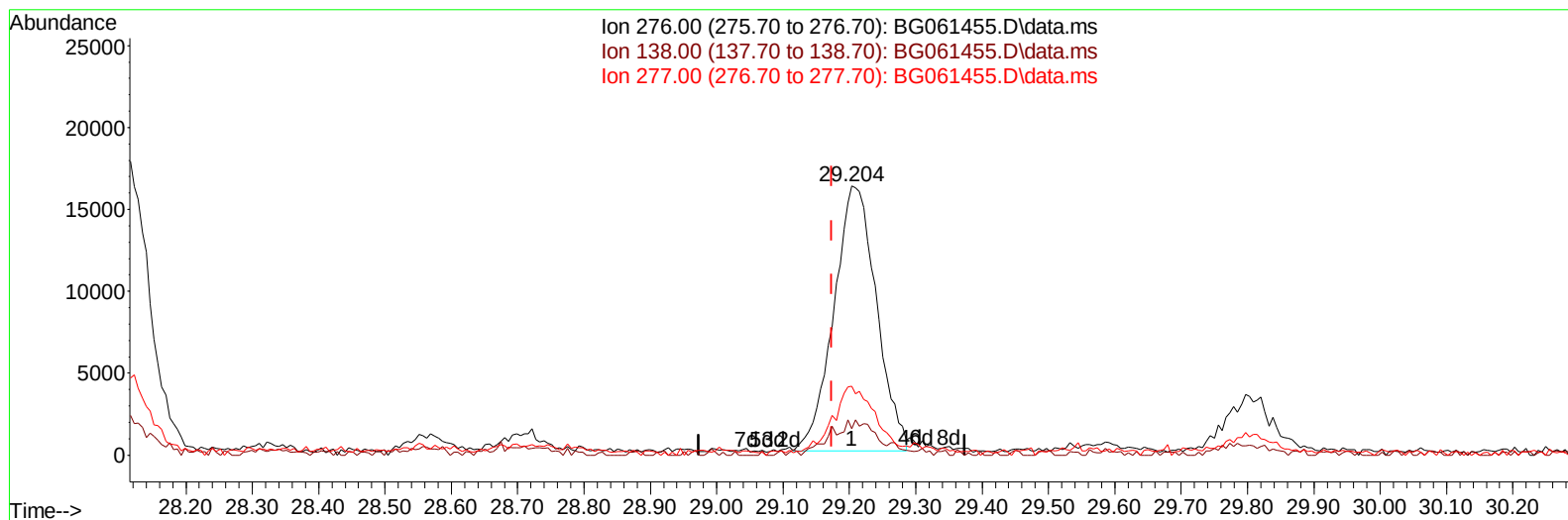
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061455.D
Acq On : 4 Jun 2024 14:49
Operator : MA/JU
Sample : P2590-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL9

Manual IntegrationsAPPROVED

Quant Time: Jun 04 15:29:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
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TIC: BG061455.D\data.ms

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

29.204min (+ 0.030) 5.48 ng/u1

response 72336

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	9.72
277.00	22.70	25.72
0.00	0.00	0.00

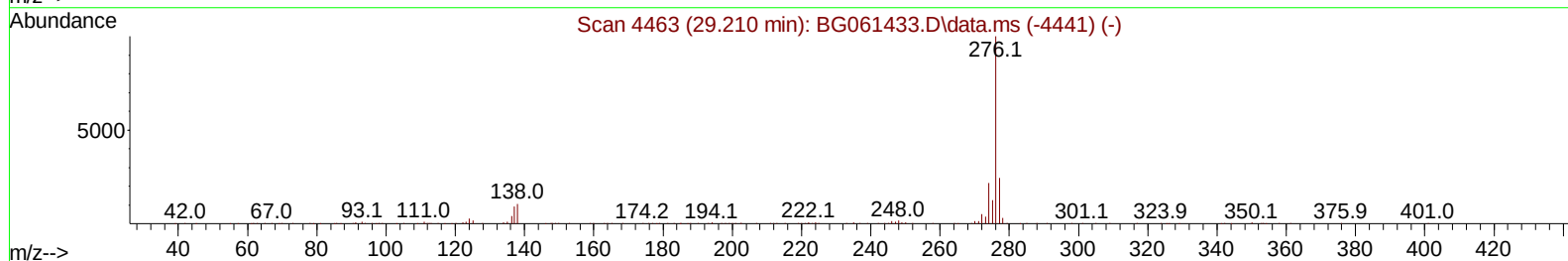
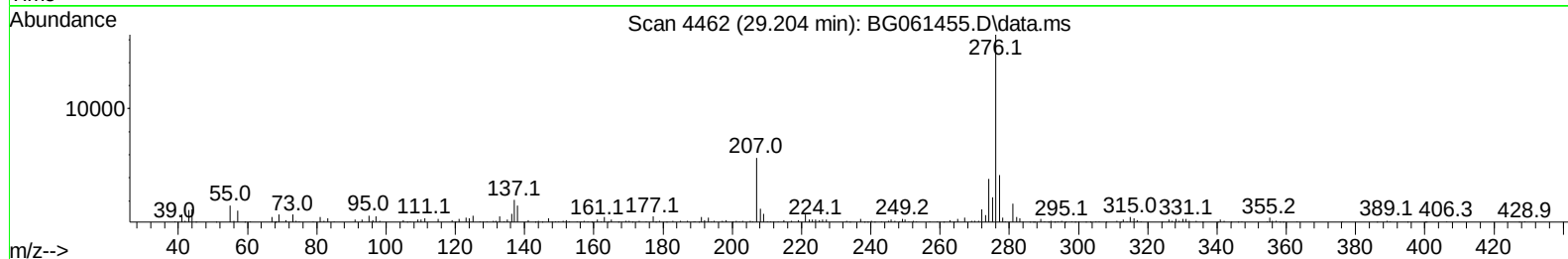
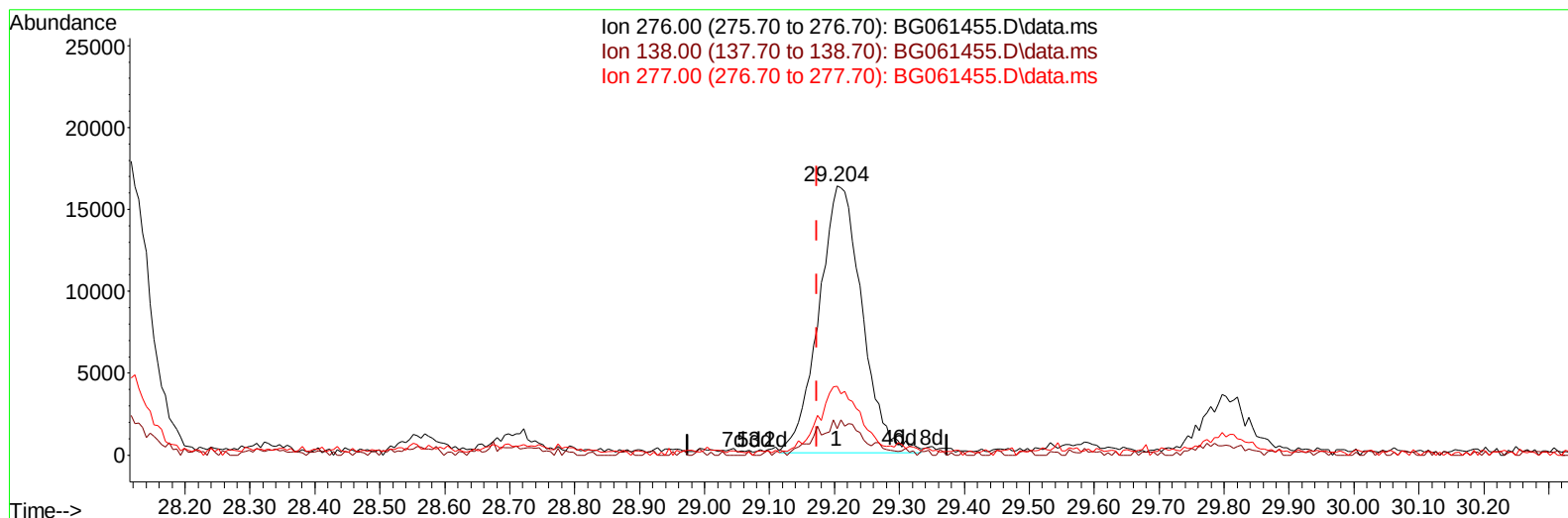
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061455.D
Acq On : 4 Jun 2024 14:49
Operator : MA/JU
Sample : P2590-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBL9

Manual IntegrationsAPPROVED

Quant Time: Jun 04 15:29:26 2024
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Supervised By :mohammad ahmed 06/07/2024



TIC: BG061455.D\data.ms

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

29.204min (+ 0.030) 5.70 ng/u1 m

response 75237

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	9.72
277.00	22.70	25.72
0.00	0.00	0.00

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	23980	20.000	ng/ul	0.00
20) Naphthalene-d8	10.672	136	103824	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.509	164	82596	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	195988	20.000	ng/ul	0.00
79) Chrysene-d12	21.518	240	211226	20.000	ng/ul	0.00
88) Perylene-d12	24.609	264	242682	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	1555	3.629	ng/uL	0.00
4) Pyridine-d5	3.739	84	15650	10.266	ng/ul	0.00
7) Phenol-d5	7.065	99	46889	23.811	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.200	67	29692	23.988	ng/ul	0.00
11) 2-Chlorophenol-d4	7.411	132	38646	26.517	ng/ul	0.00
15) 4-Methylphenol-d8	8.598	113	40426	24.075	ng/ul	0.00
21) Nitrobenzene-d5	9.033	128	22313	27.913	ng/ul	0.00
24) 2-Nitrophenol-d4	9.756	143	25828	27.608	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.308	165	51124	28.031	ng/ul	0.00
31) 4-Chloroaniline-d4	10.807	131	40383	16.924	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	177656	27.733	ng/ul	0.00
49) Acenaphthylene-d8	14.203	160	192339	28.880	ng/ul	0.00
54) 4-Nitrophenol-d4	14.762	143	14507	18.317	ng/ul	0.02
60) Fluorene-d10	15.508	176	156735	28.339	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	25215	21.272	ng/ul	0.01
73) Anthracene-d10	17.359	188	243008	28.124	ng/ul	0.00
81) Pyrene-d10	19.656	212	314878	29.033	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.397	264	345735	29.633	ng/ul	0.01
Target Compounds						
						Qvalue
72) Phenanthrene	17.306	178	70410	7.402	ng/ul	99
80) Fluoranthene	19.321	202	191589	14.726	ng/ul	99
82) Pyrene	19.685	202	176612	13.077	ng/ul	99
85) Benzo(a)anthracene	21.501	228	102862	7.058	ng/ul	97
87) Chrysene	21.560	228	112139	8.356	ng/ul	96
90) Benzo(b)fluoranthene	23.634	252	151632	10.494	ng/ul	97
91) Benzo(k)fluoranthene	23.686	252	52850m	3.603	ng/ul	
93) Benzo(a)pyrene	24.468	252	107557	7.839	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.111	276	76883	4.634	ng/ul	97
95) Dibenzo(a,h)anthracene	28.152	278	20961m	1.532	ng/ul	
96) Benzo(g,h,i)perylene	29.204	276	75237m	5.700	ng/ul	

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

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