

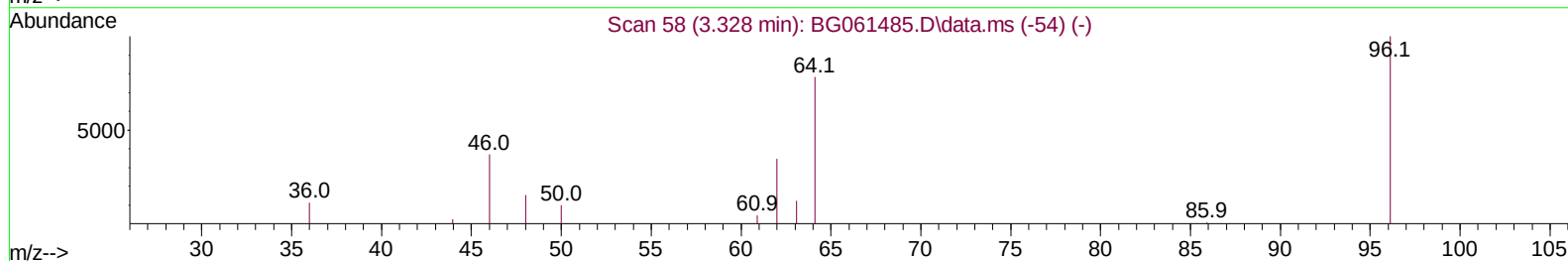
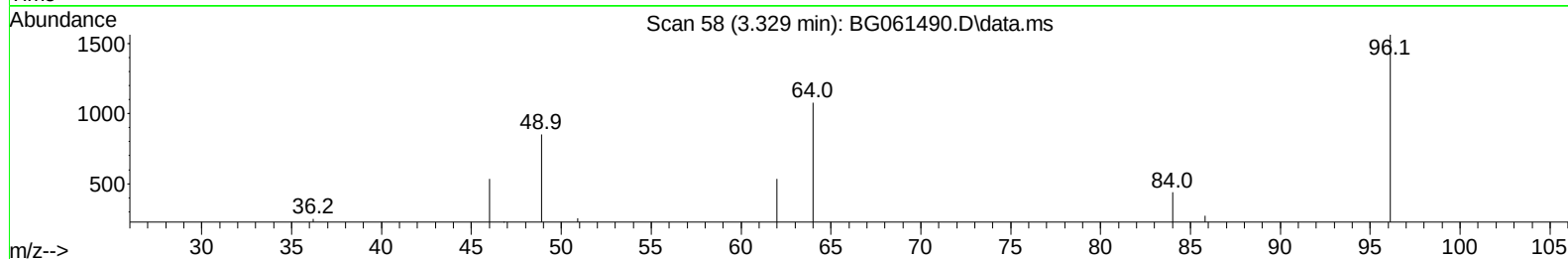
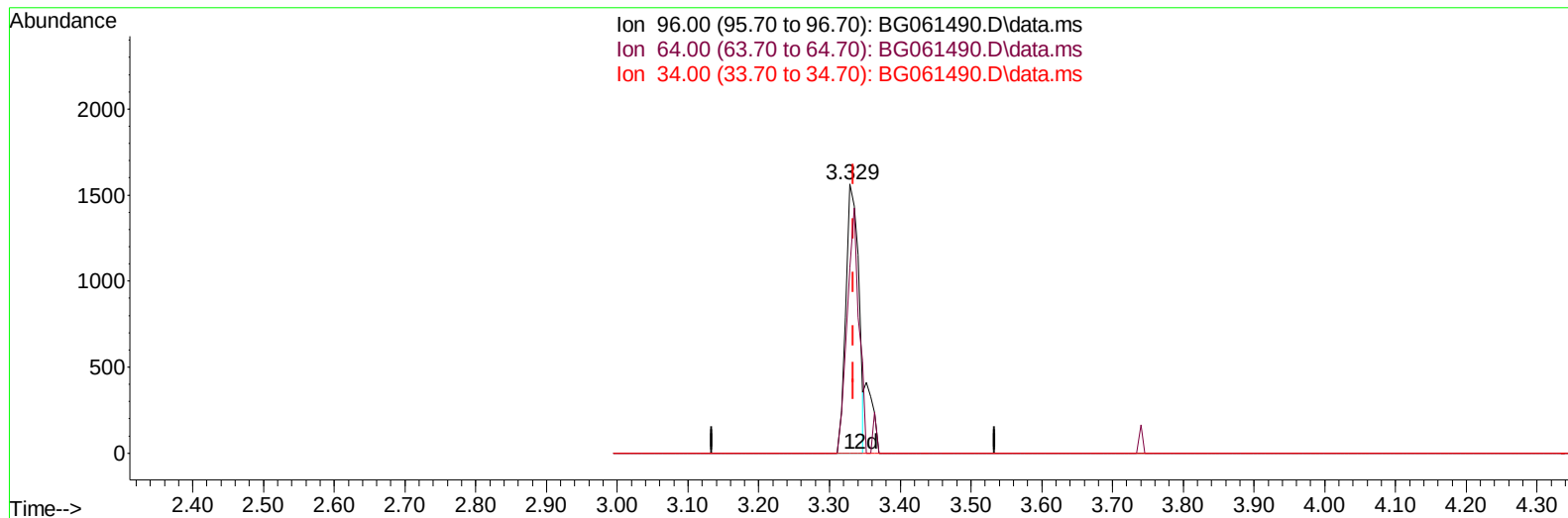
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061490.D
Acq On : 5 Jun 2024 17:15
Operator : MA/JU
Sample : P2623-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBR4

Manual IntegrationsAPPROVED

Quant Time: Jun 05 18:01:08 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: BG061490.D\data.ms

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

3.329min (-0.005) 3.47 ng/uL

response 1953

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	91.80	69.03#
34.00	0.00	0.00
0.00	0.00	0.00

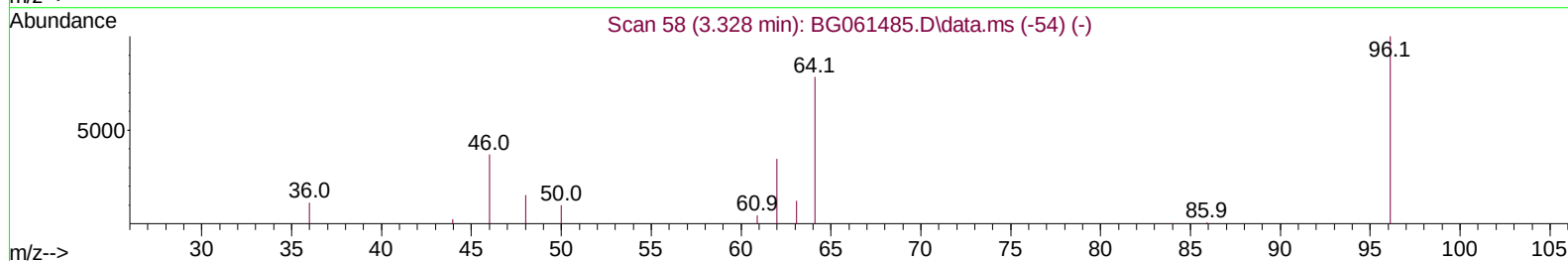
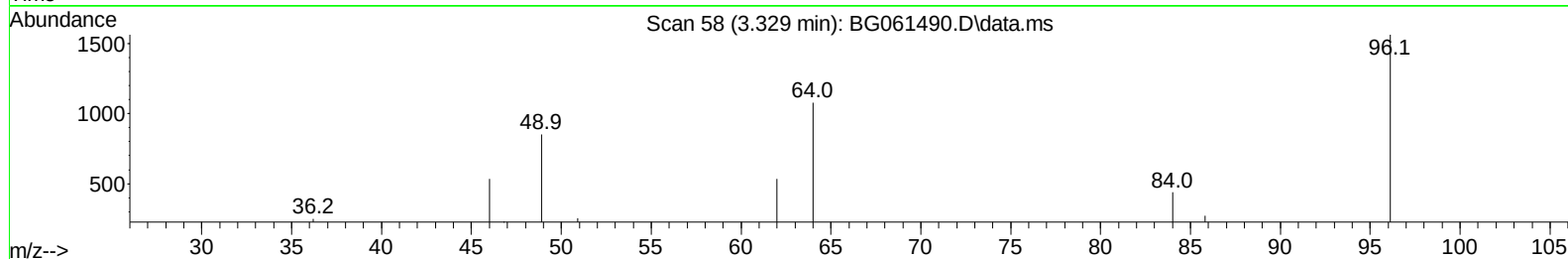
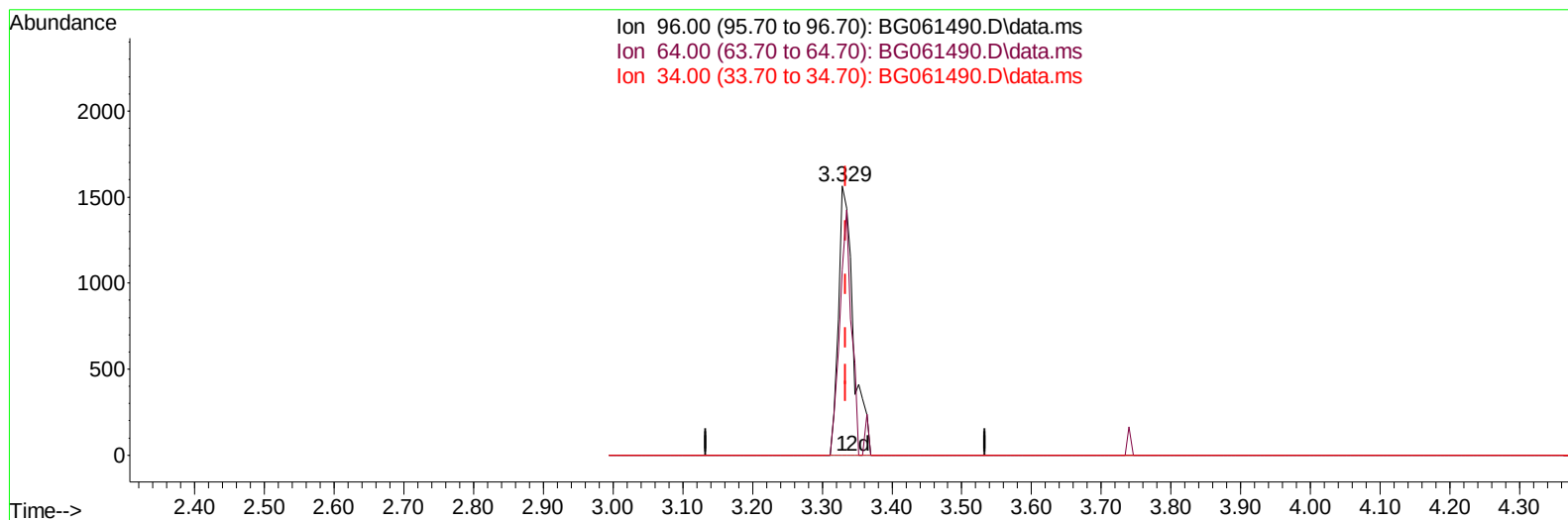
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061490.D
 Acq On : 5 Jun 2024 17:15
 Operator : MA/JU
 Sample : P2623-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jun 05 18:01:08 2024
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
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 Supervised By :mohammad ahmed 06/07/2024



TIC: BG061490.D\data.ms

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

3.329min (-0.005) 4.09 ng/uL m

response 2296

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	91.80	69.03#
34.00	0.00	0.00
0.00	0.00	0.00

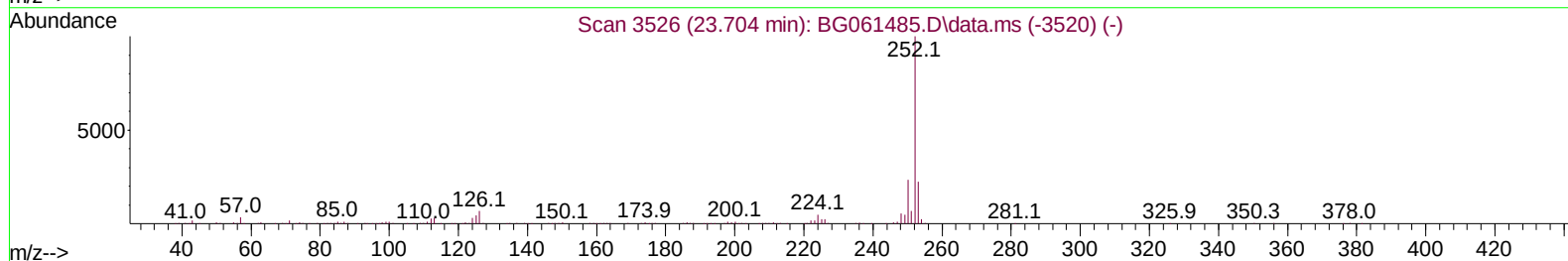
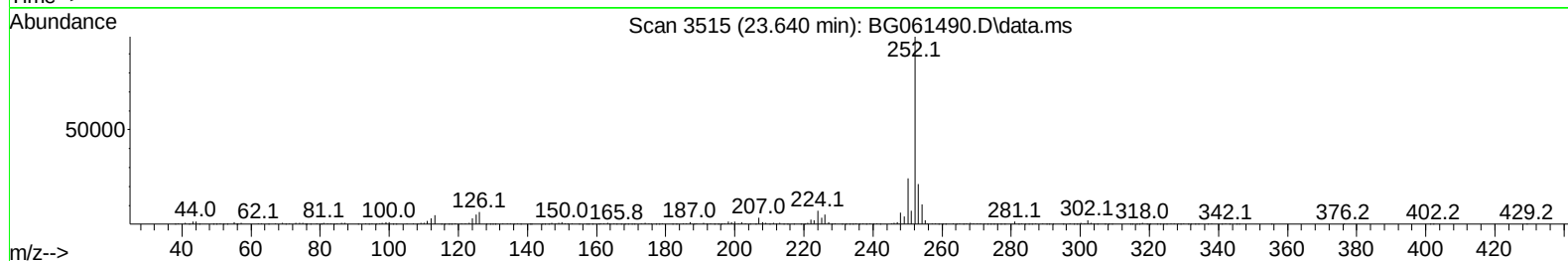
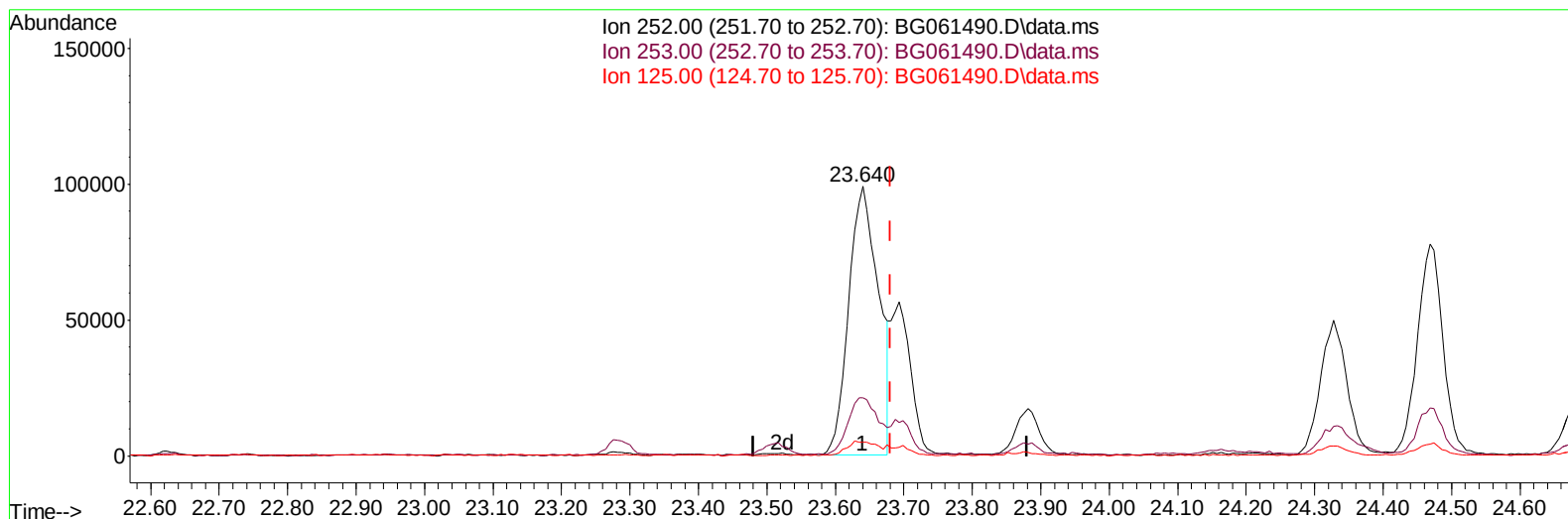
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Instrument :
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TIC: BG061490.D\data.ms

(91) Benzo(k)fluoranthene

23.640min (-0.040) 20.90 ng/u1

response 298537

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	21.50
125.00	5.40	5.09
0.00	0.00	0.00

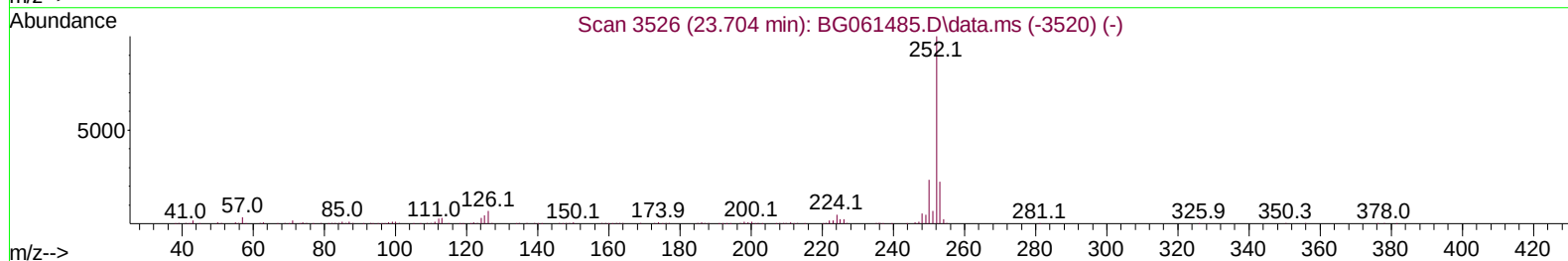
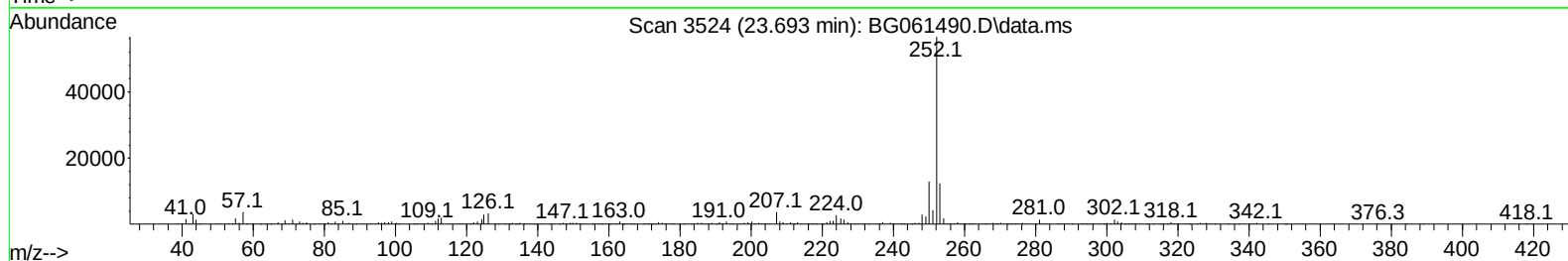
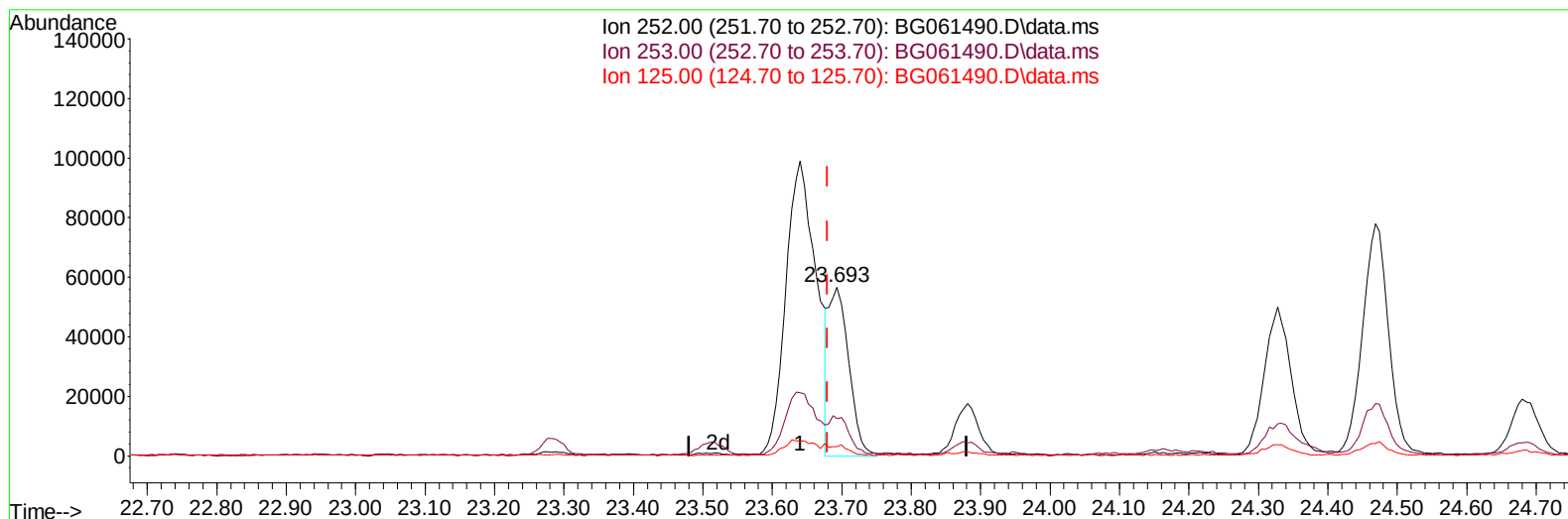
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061490.D
Acq On : 5 Jun 2024 17:15
Operator : MA/JU
Sample : P2623-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG061490.D\data.ms

(91) Benzo(k)fluoranthene

23.693min (+ 0.013) 8.04 ng/ul m

response 114771

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	21.90
125.00	5.40	5.48
0.00	0.00	0.00

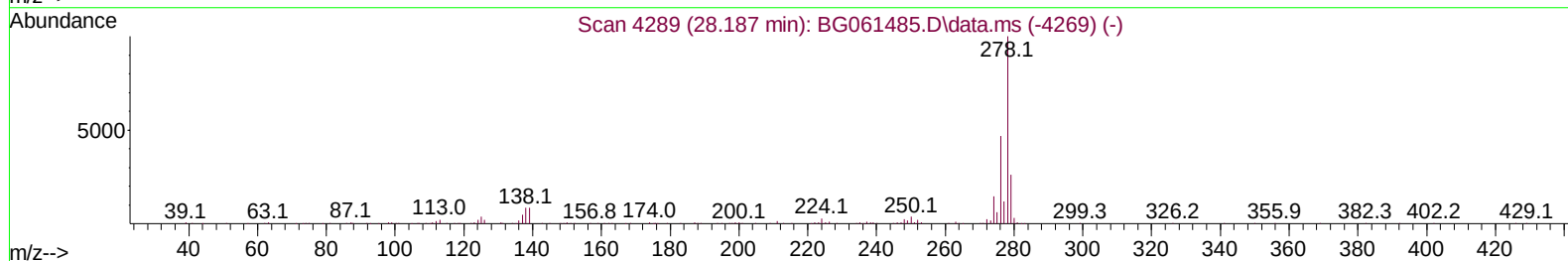
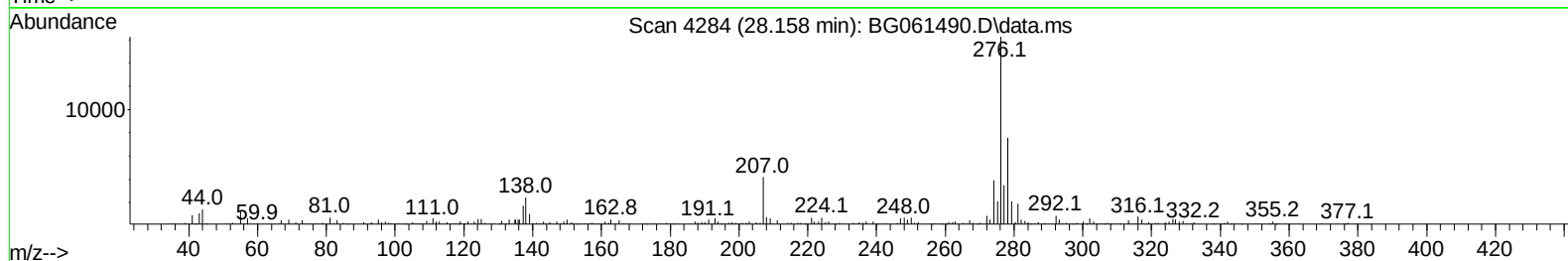
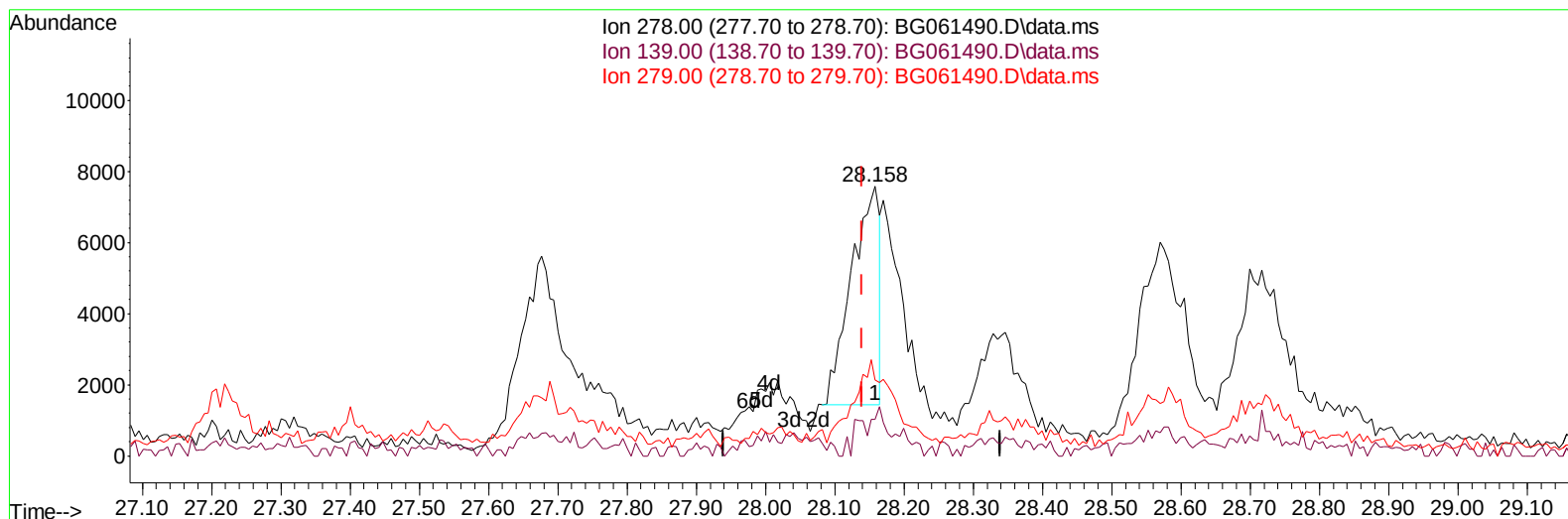
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061490.D
Acq On : 5 Jun 2024 17:15
Operator : MA/JU
Sample : P2623-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG061490.D\data.ms

(95) Dibenzo(a,h)anthracene

28.158min (+ 0.019) 1.29 ng/u1

response 17226

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	13.47#
279.00	24.90	28.23
0.00	0.00	0.00

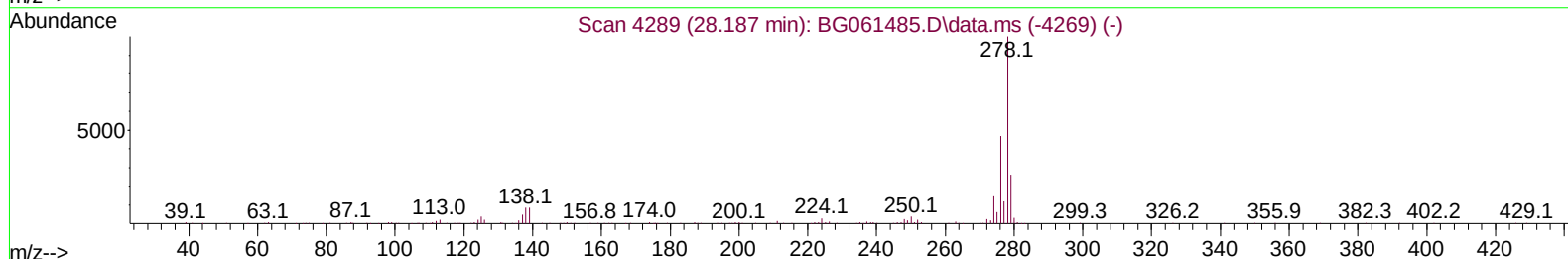
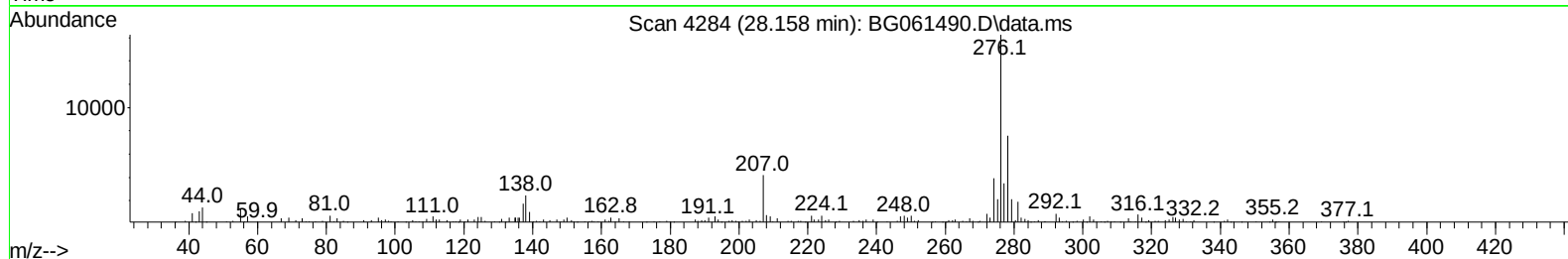
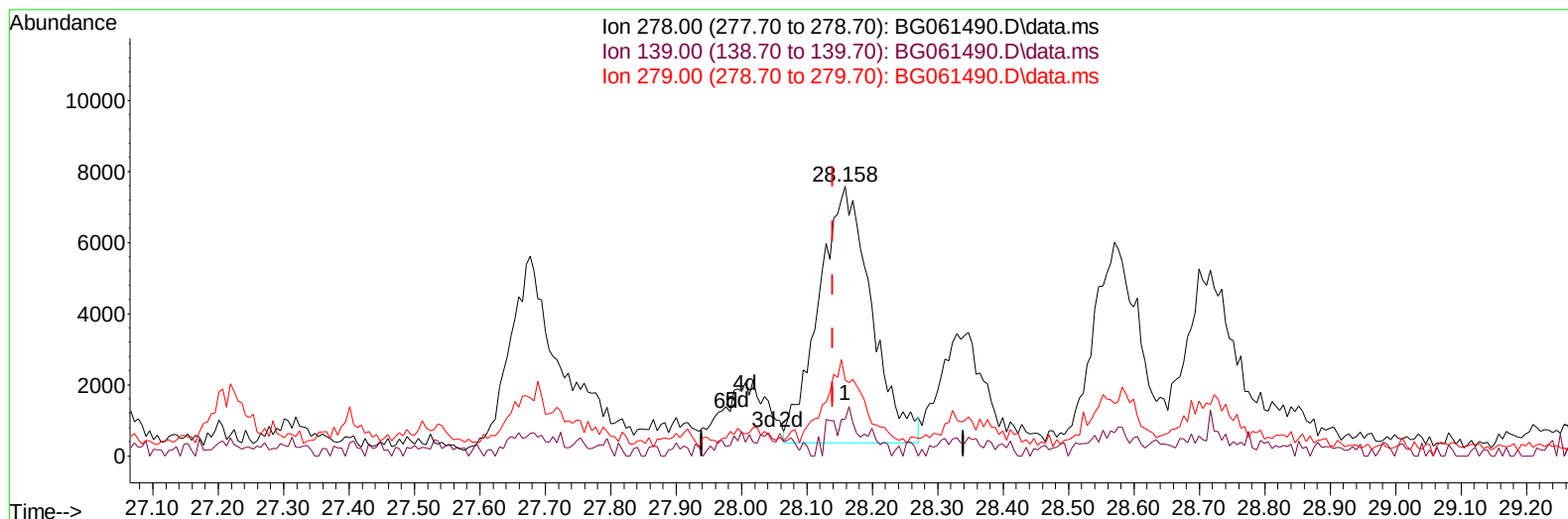
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061490.D
 Acq On : 5 Jun 2024 17:15
 Operator : MA/JU
 Sample : P2623-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBR4

Manual IntegrationsAPPROVED

Quant Time: Jun 05 18:01:08 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: BG061490.D\data.ms

(95) Dibenzo(a,h)anthracene

28.158min (+ 0.019) 3.04 ng/ul m

response 40429

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	13.47#
279.00	24.90	28.23
0.00	0.00	0.00

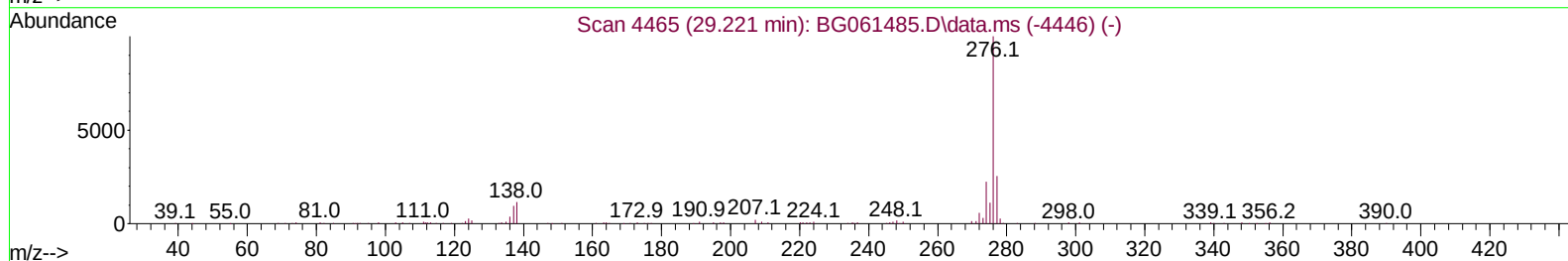
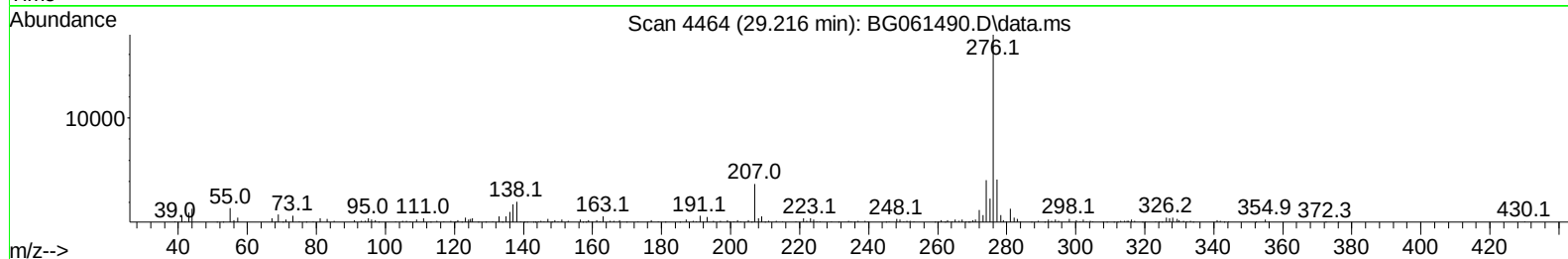
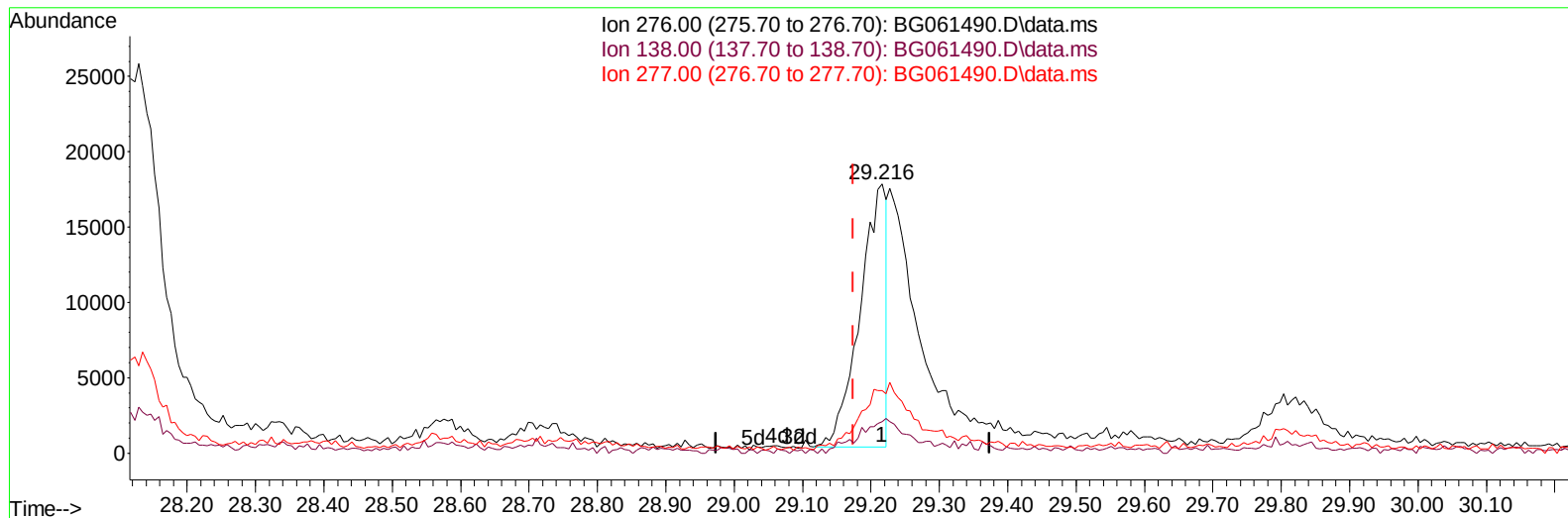
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061490.D
Acq On : 5 Jun 2024 17:15
Operator : MA/JU
Sample : P2623-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBR4

Manual IntegrationsAPPROVED

Quant Time: Jun 05 18:01:08 2024
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TIC: BG061490.D\data.ms

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

29.216min (+ 0.042) 3.63 ng/u1

response 46628

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	11.63
277.00	22.70	23.32
0.00	0.00	0.00

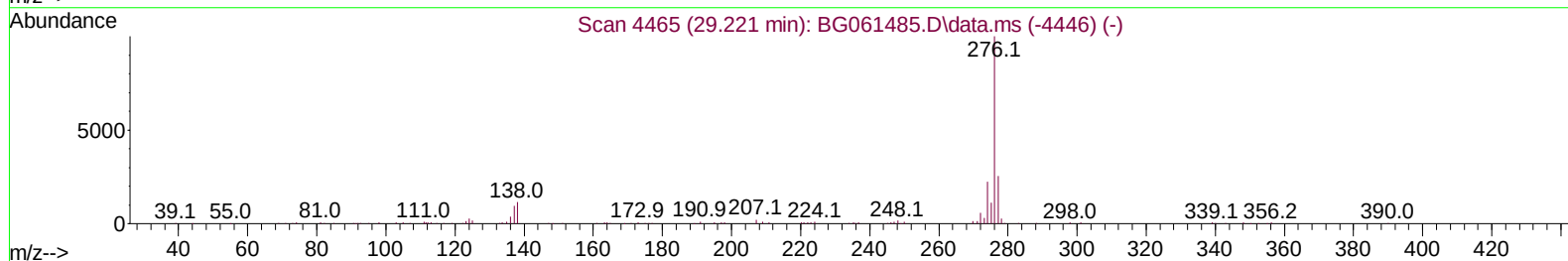
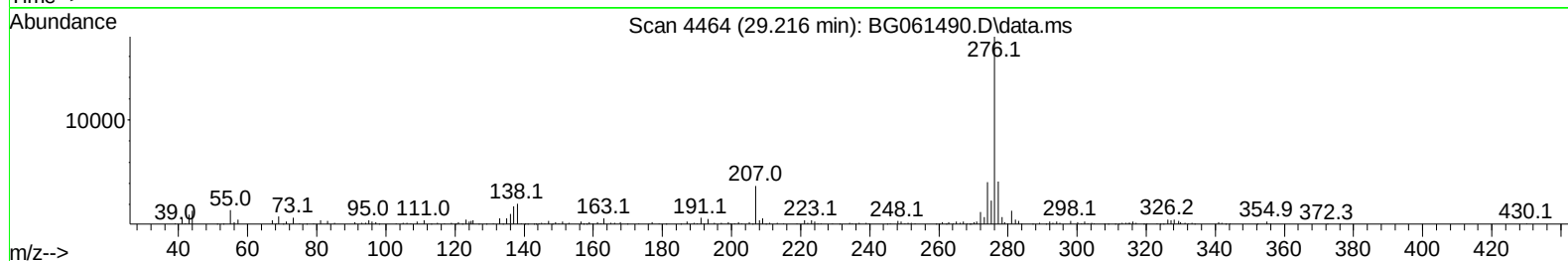
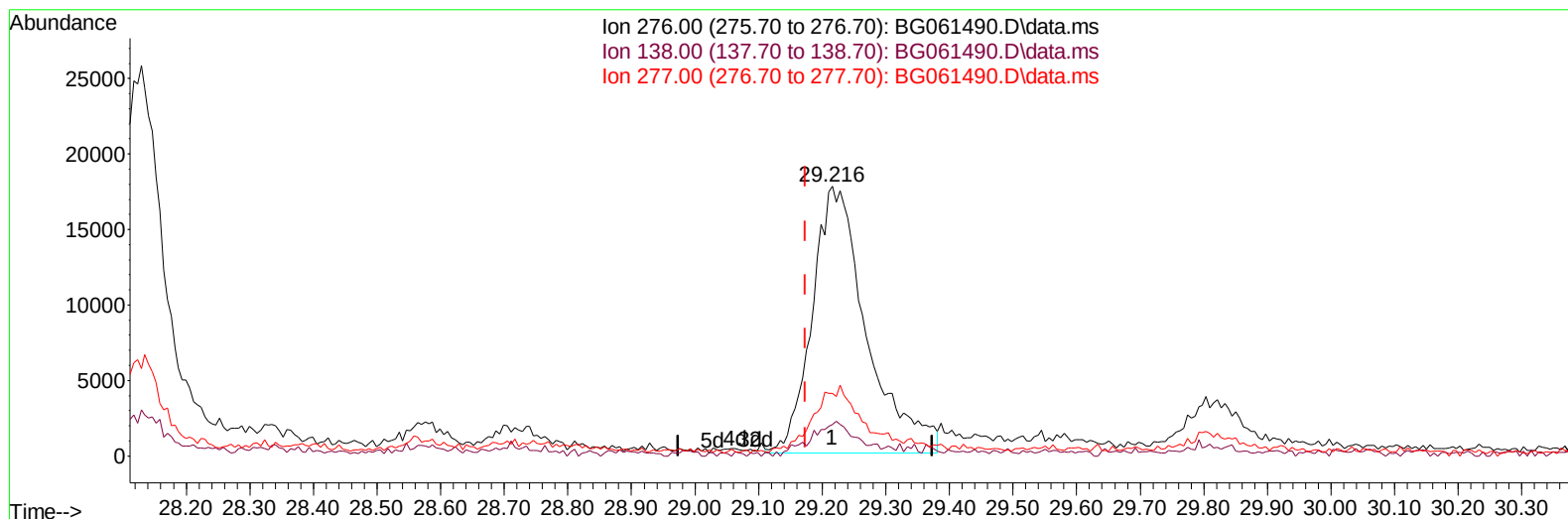
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061490.D
 Acq On : 5 Jun 2024 17:15
 Operator : MA/JU
 Sample : P2623-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBR4

Manual IntegrationsAPPROVED

Quant Time: Jun 05 18:01:08 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
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 Supervised By :mohammad ahmed 06/07/2024



TIC: BG061490.D\data.ms

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

29.216min (+ 0.042) 8.18 ng/u l m

response 105181

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	11.63
277.00	22.70	23.32
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061490.D
 Acq On : 5 Jun 2024 17:15
 Operator : MA/JU
 Sample : P2623-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBR4

Manual IntegrationsAPPROVED

Quant Time: Jun 05 18:09:40 2024
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.876	152		31453	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136		116026	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164		86295	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188		197559	20.000	ng/ul	0.00
79) Chrysene-d12	21.519	240		211646	20.000	ng/ul	0.00
88) Perylene-d12	24.610	264		236275	20.000	ng/ul	0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.329	96		2296m	4.085	ng/uL	0.00
4) Pyridine-d5	3.740	84		26943	13.475	ng/ul	0.00
7) Phenol-d5	7.066	99		53554	20.734	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.207	67		33245	20.478	ng/ul	0.00
11) 2-Chlorophenol-d4	7.412	132		42473	22.219	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113		39818	18.079	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128		21236	23.772	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143		25519	24.409	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.309	165		50125	24.593	ng/ul	0.00
31) 4-Chloroaniline-d4	10.808	131		41815	15.681	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166		154921	23.147	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160		173335	24.911	ng/ul	0.00
54) 4-Nitrophenol-d4	14.768	143		14062	16.994	ng/ul	0.03
60) Fluorene-d10	15.503	176		133701	23.138	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.655	200		17348	14.519	ng/ul	0.02
73) Anthracene-d10	17.359	188		213315	24.491	ng/ul	0.00
81) Pyrene-d10	19.657	212		256178	23.574	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.404	264		274953	24.205	ng/ul	0.02
Target Compounds							
						Qvalue	
30) Naphthalene	10.720	128		7794	1.273	ng/ul	97
52) Acenaphthene	14.574	153		10017	1.979	ng/ul	94
56) Dibenzofuran	14.909	168		13078	1.807	ng/ul	88
61) Fluorene	15.561	166		12601	2.012	ng/ul#	92
72) Phenanthrene	17.306	178		285597	29.785	ng/ul	100
74) Anthracene	17.395	178		55340	5.582	ng/ul	99
77) Carbazole	17.671	167		31834	3.948	ng/ul	99
78) Di-n-butylphthalate	18.223	149		12400	1.227	ng/ul#	95
80) Fluoranthene	19.322	202		499130	38.287	ng/ul	99
82) Pyrene	19.686	202		397743	29.393	ng/ul	98
85) Benzo(a)anthracene	21.502	228		253689	17.372	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.408	149		17196	2.499	ng/ul#	97
87) Chrysene	21.566	228		237228	17.642	ng/ul	97
90) Benzo(b)fluoranthene	23.640	252		298537	21.221	ng/ul	98
91) Benzo(k)fluoranthene	23.693	252		114771m	8.037	ng/ul	
93) Benzo(a)pyrene	24.469	252		199934	14.967	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.129	276		119691	7.409	ng/ul#	93
95) Dibenzo(a,h)anthracene	28.158	278		40429m	3.035	ng/ul	
96) Benzo(g,h,i)perylene	29.216	276		105181m	8.185	ng/ul	

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

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