

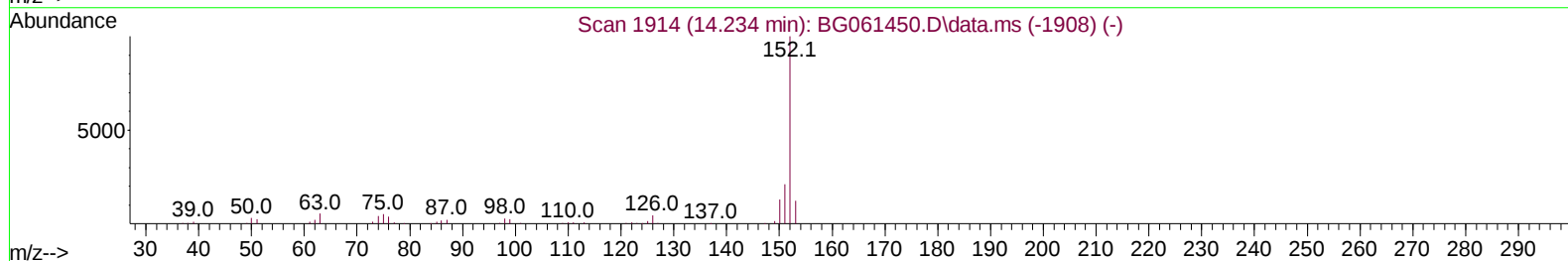
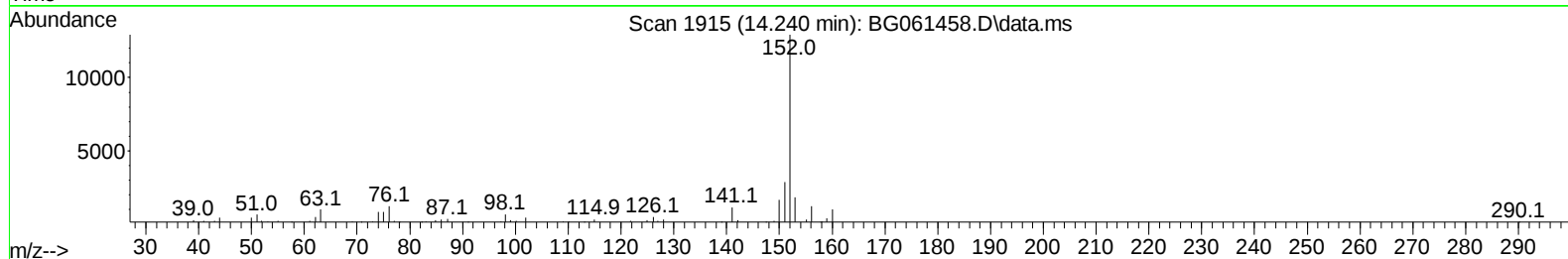
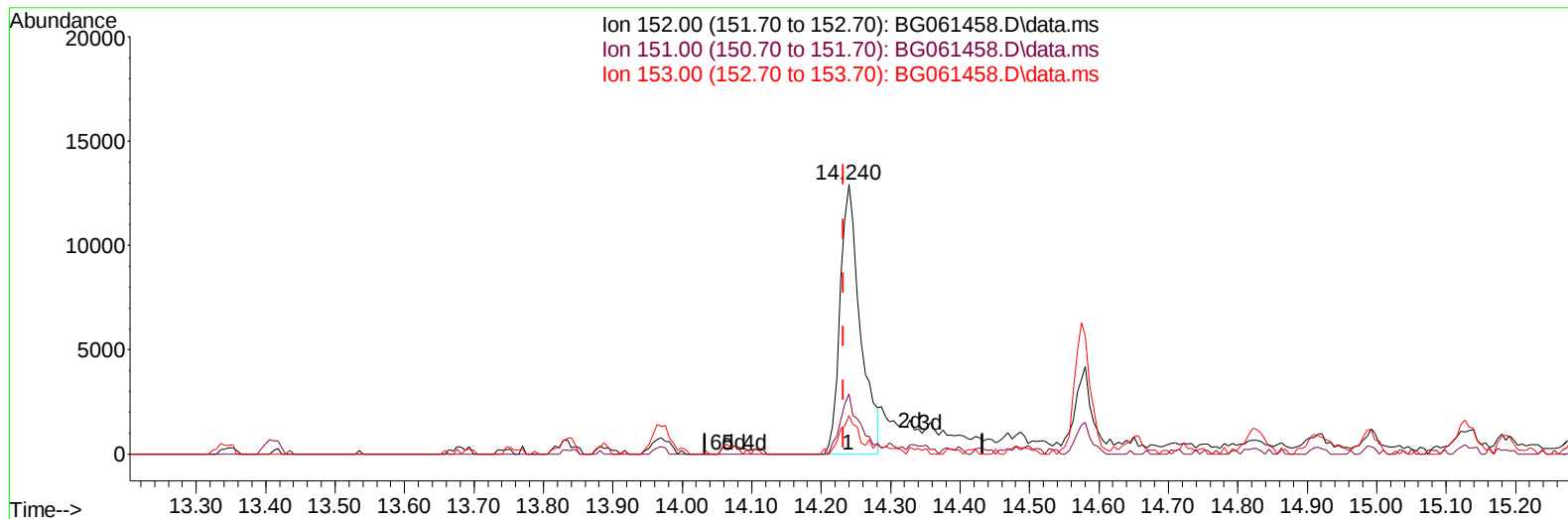
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061458.D
Acq On : 4 Jun 2024 16:53
Operator : MA/JU
Sample : P2590-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM6

Manual IntegrationsAPPROVED

Quant Time: Jun 04 17:34:16 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: BG061458.D\data.ms

(50) Acenaphthylene

14.240min (+ 0.007) 3.16 ng/u1

response 26073

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.20	22.41
153.00	12.80	14.31
0.00	0.00	0.00

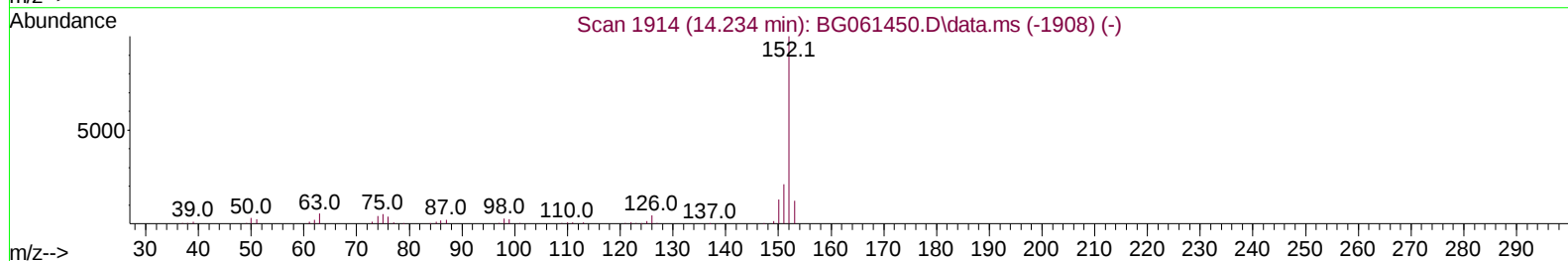
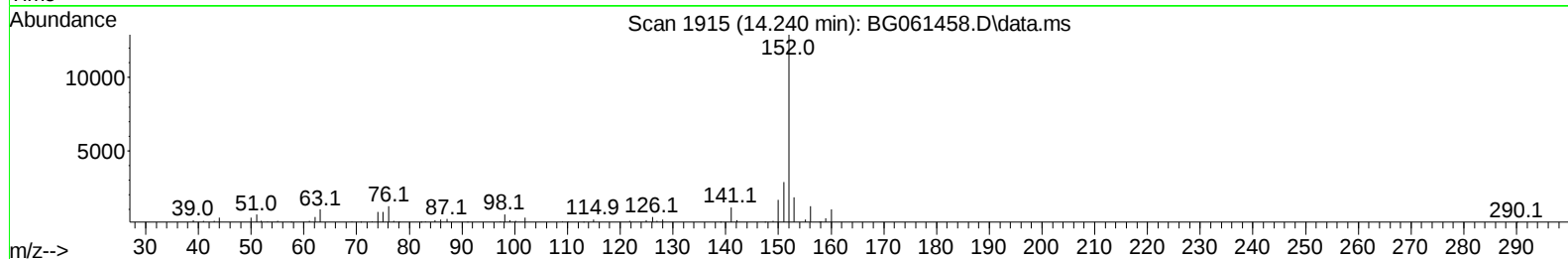
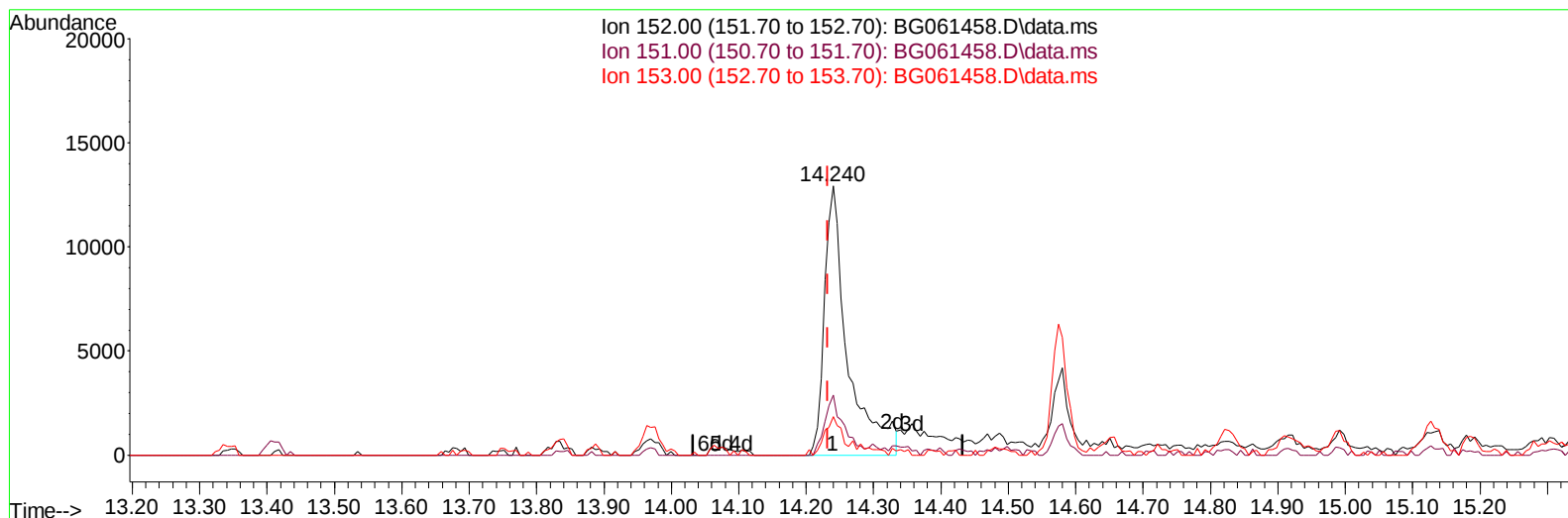
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061458.D
Acq On : 4 Jun 2024 16:53
Operator : MA/JU
Sample : P2590-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
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TIC: BG061458.D\data.ms

(50) Acenaphthylene

14.240min (+ 0.007) 3.75 ng/ul m

response 30956

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.20	22.41
153.00	12.80	14.31
0.00	0.00	0.00

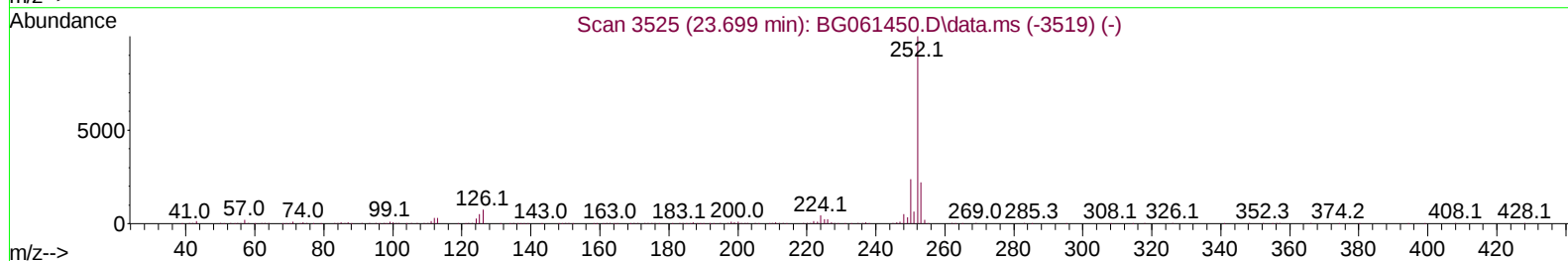
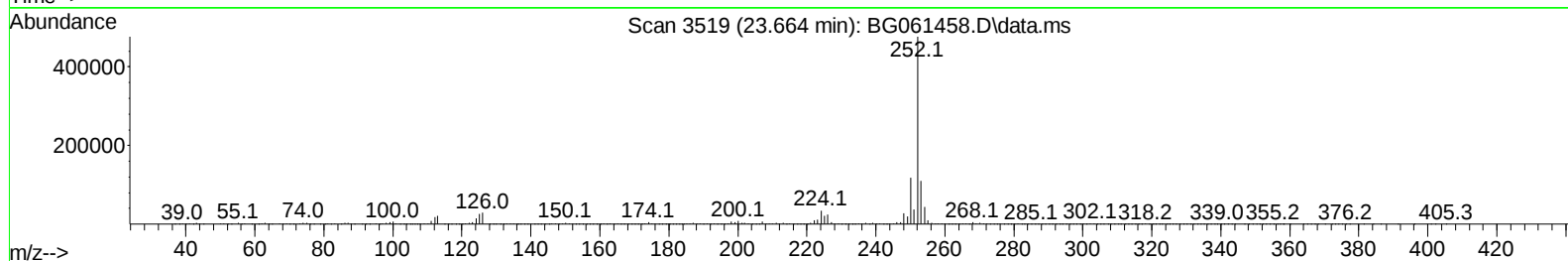
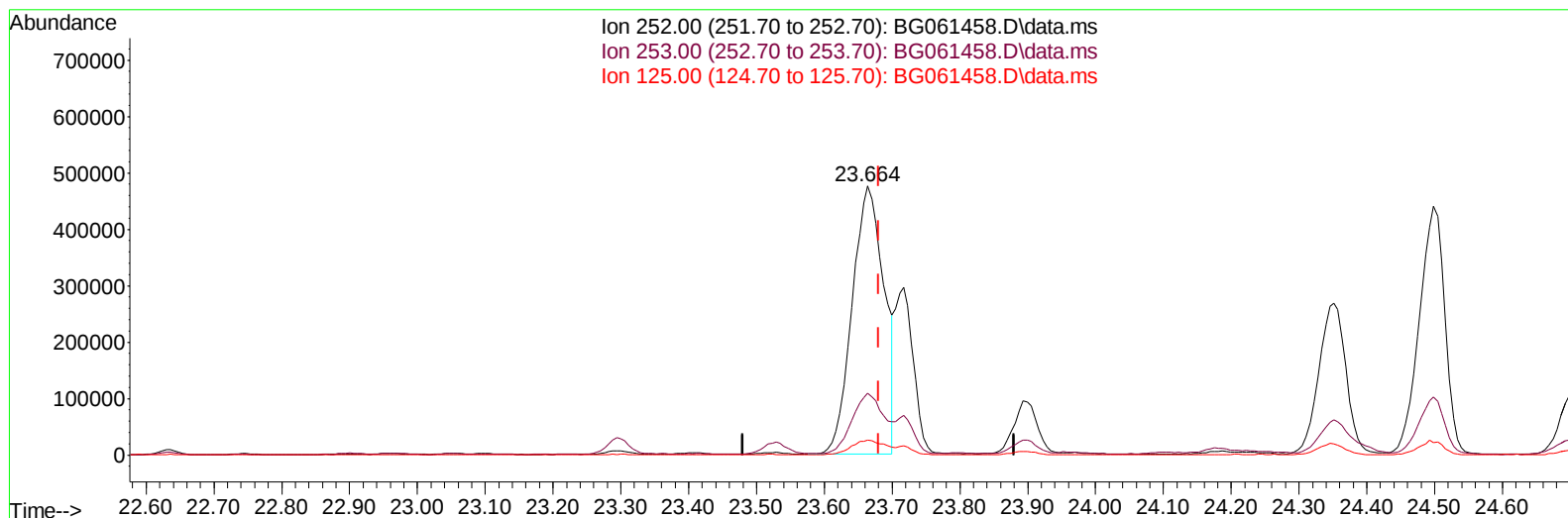
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Data File : BG061458.D
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Operator : MA/JU
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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TIC: BG061458.D\data.ms

(91) Benzo(k)fluoranthene

23.664min (-0.016) 98.80 ng/u1

response 1547790

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	23.10
125.00	5.40	5.60
0.00	0.00	0.00

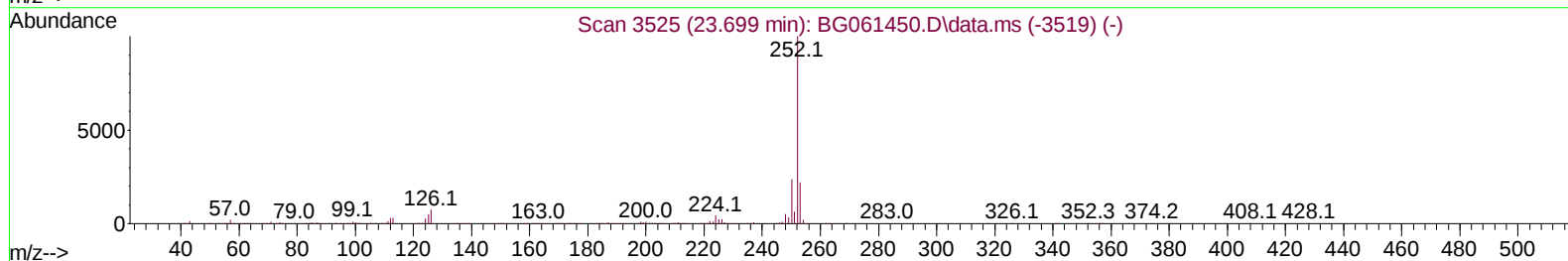
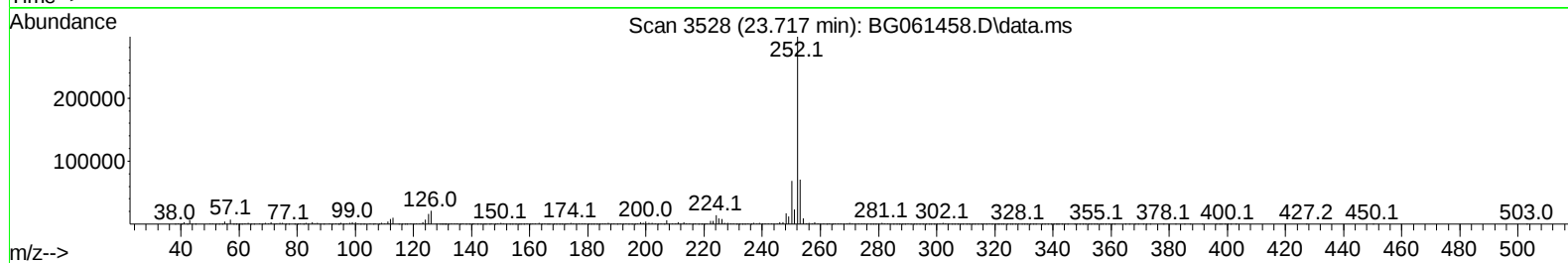
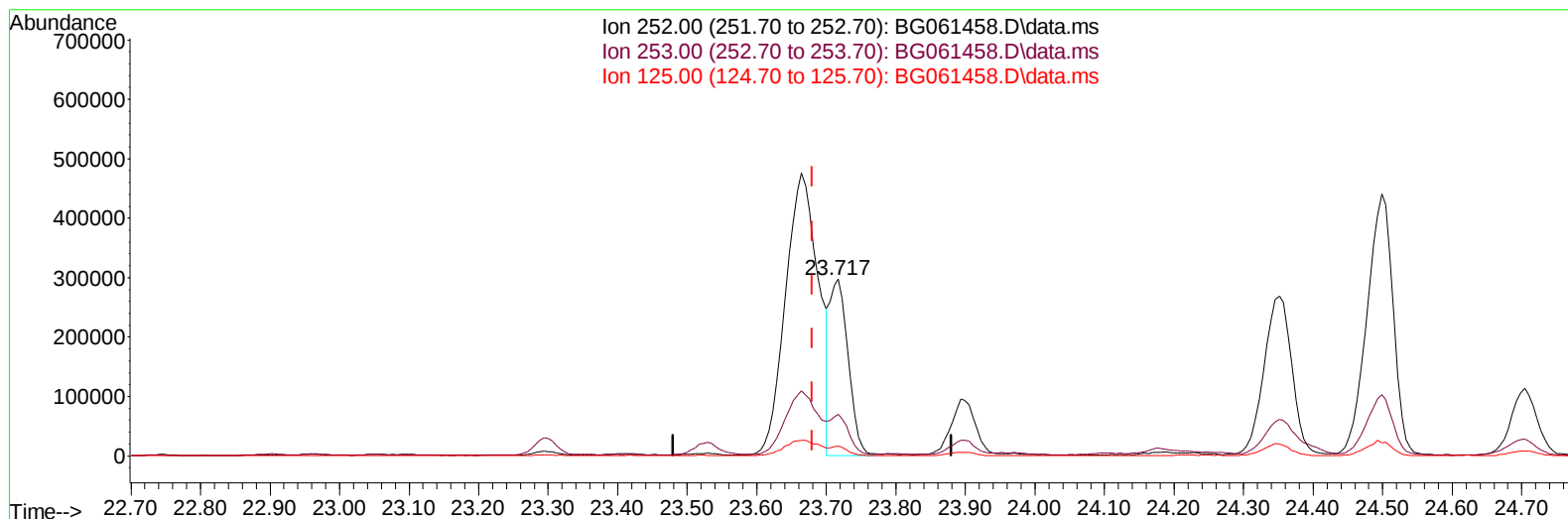
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
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Acq On : 4 Jun 2024 16:53
Operator : MA/JU
Sample : P2590-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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TIC: BG061458.D\data.ms

(91) Benzo(k)fluoranthene

23.717min (+ 0.037) 35.18 ng/ul m

response 551214

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	23.72
125.00	5.40	5.45
0.00	0.00	0.00

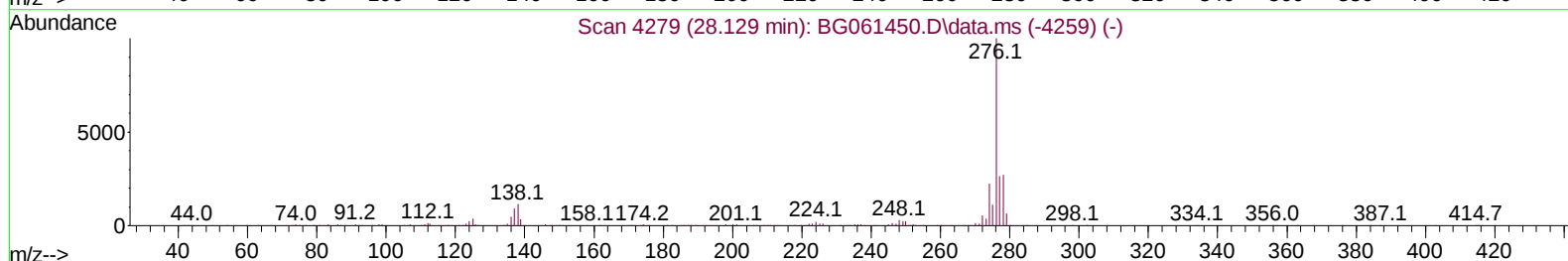
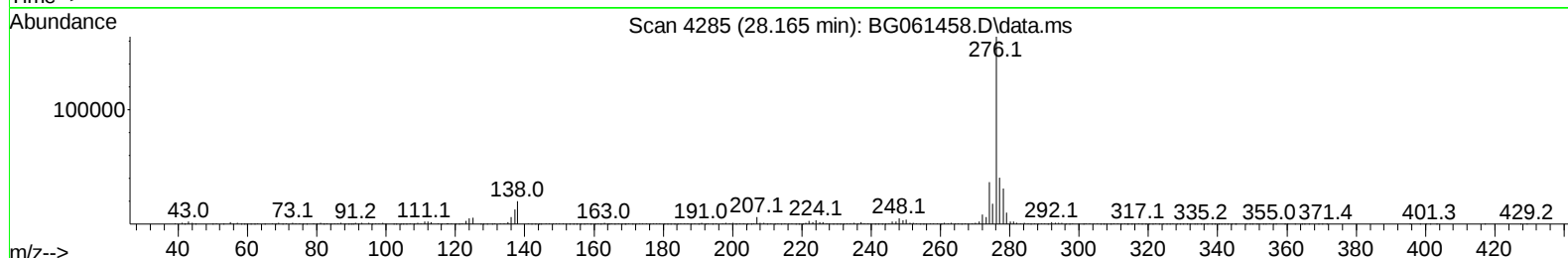
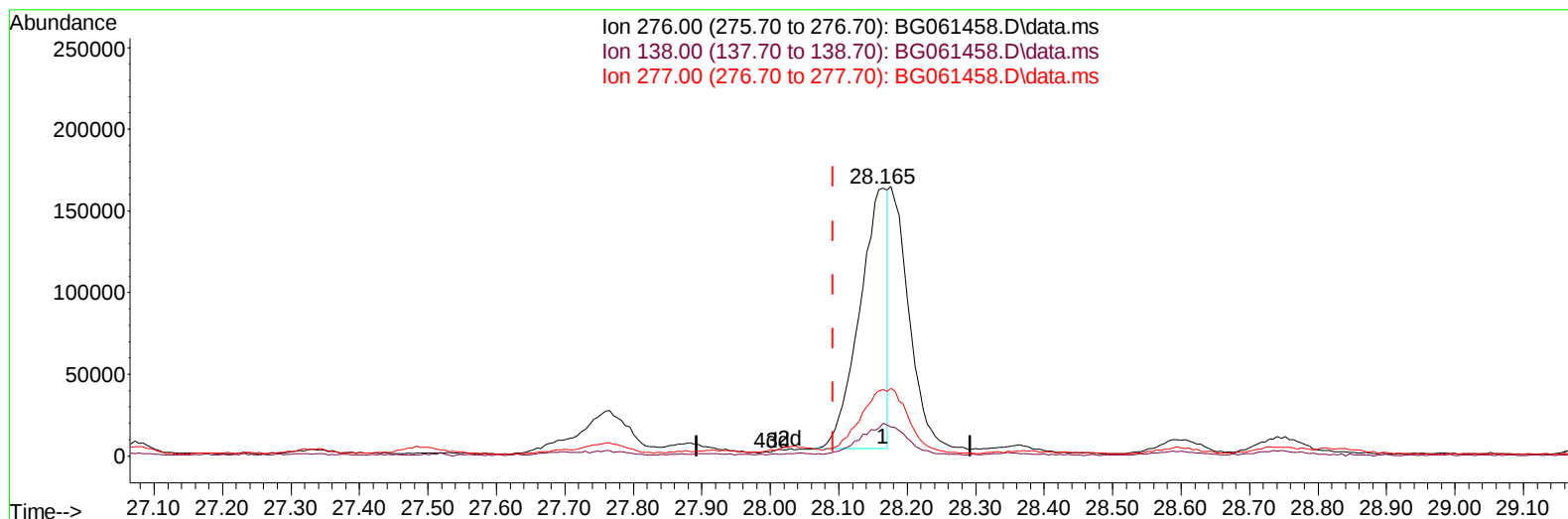
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061458.D
 Acq On : 4 Jun 2024 16:53
 Operator : MA/JU
 Sample : P2590-22
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBM6

Manual IntegrationsAPPROVED

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TIC: BG061458.D\data.ms

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

28.165min (+ 0.072) 25.52 ng/u1

response 452269

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	12.19
277.00	24.60	24.88
0.00	0.00	0.00

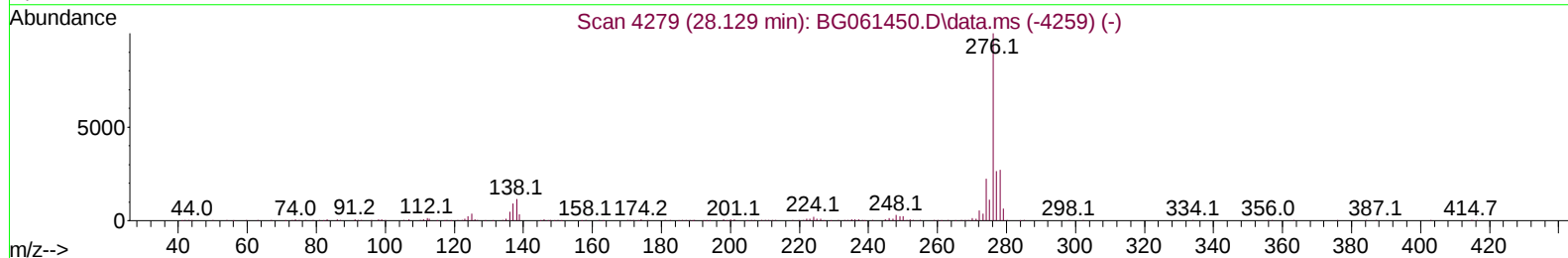
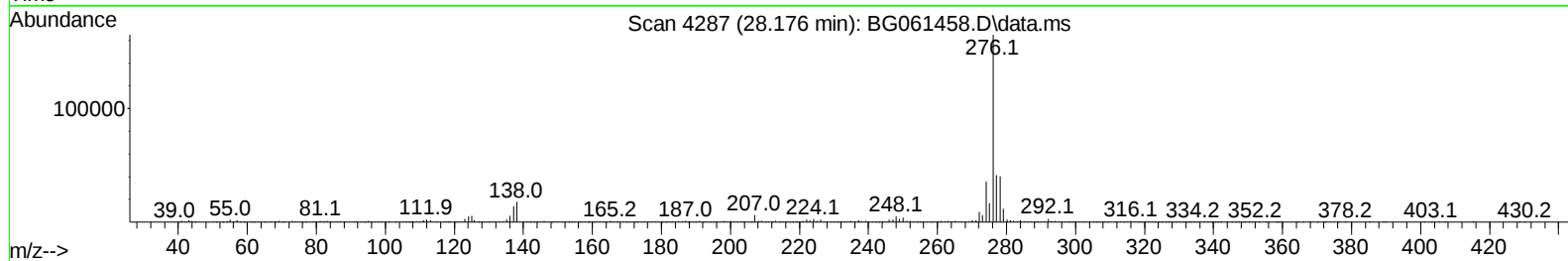
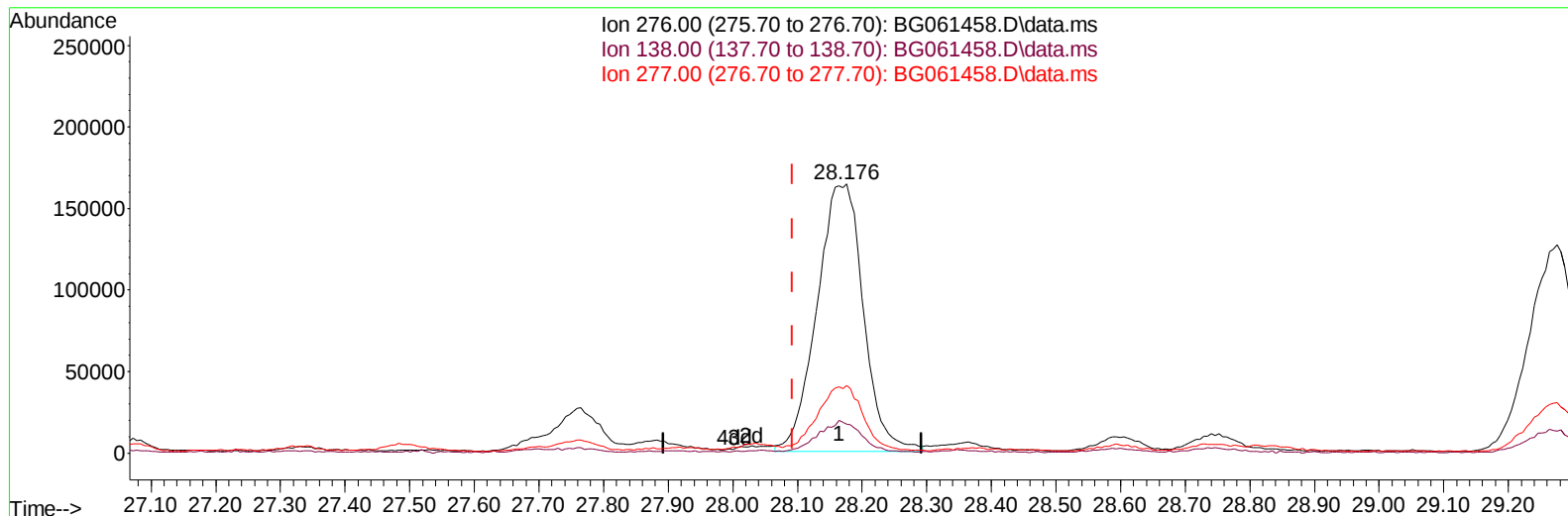
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061458.D
Acq On : 4 Jun 2024 16:53
Operator : MA/JU
Sample : P2590-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM6

Manual IntegrationsAPPROVED

Quant Time: Jun 04 17:34:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
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TIC: BG061458.D\data.ms

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

28.176min (+ 0.084) 46.14 ng/ul m

response 817738

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	10.85
277.00	24.60	25.17
0.00	0.00	0.00

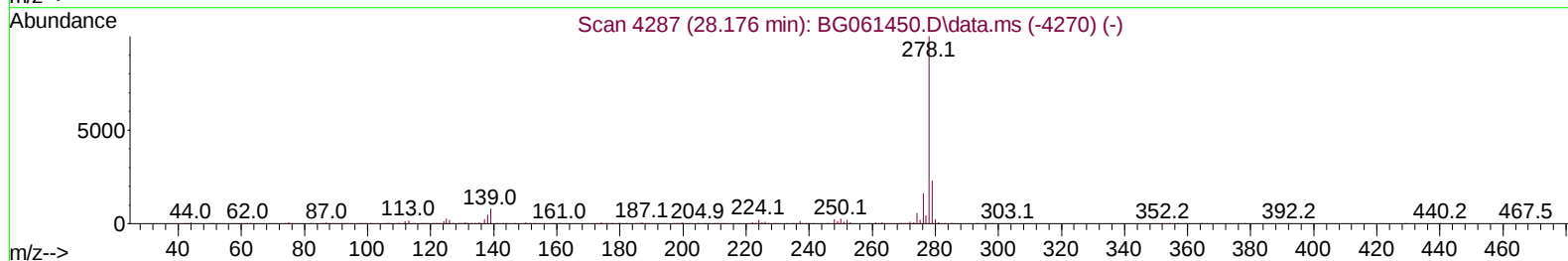
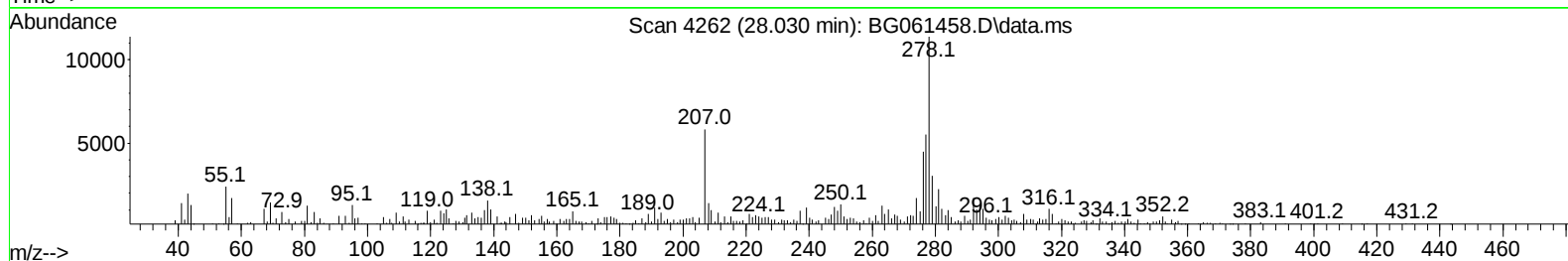
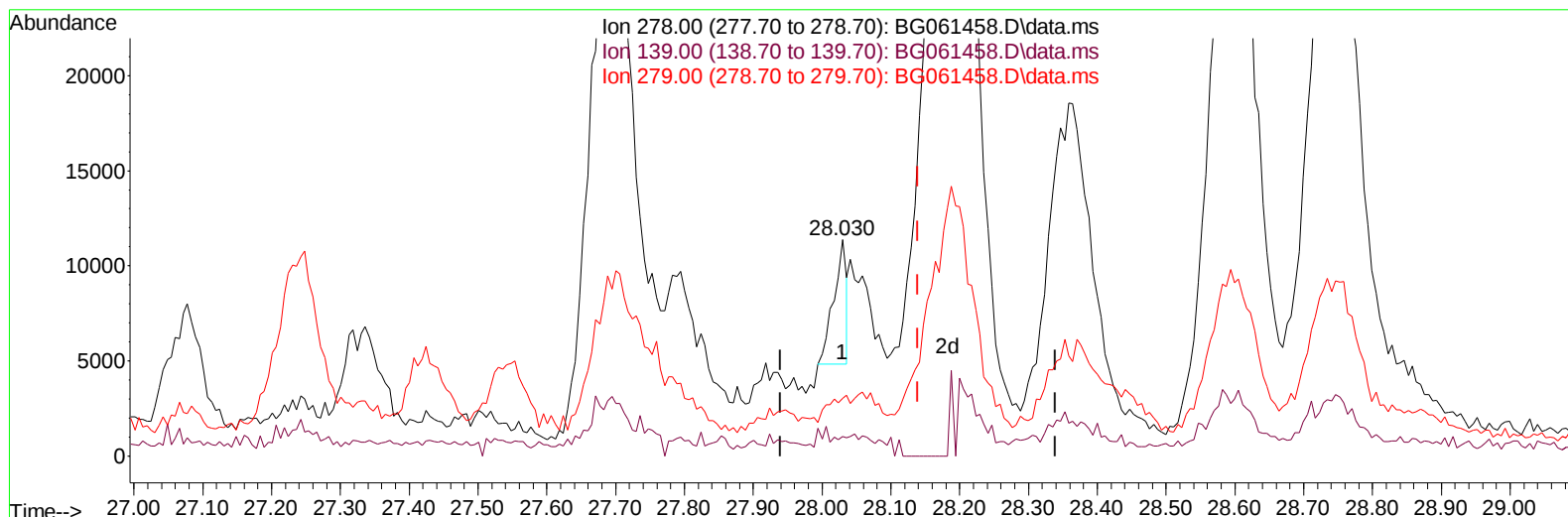
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 Acq On : 4 Jun 2024 16:53
 Operator : MA/JU
 Sample : P2590-22
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jun 04 17:34:16 2024
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TIC: BG061458.D\data.ms

(95) Dibenzo(a,h)anthracene

28.030min (-0.110) 0.57 ng/u1

response 8347

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	9.10
279.00	24.90	26.72
0.00	0.00	0.00

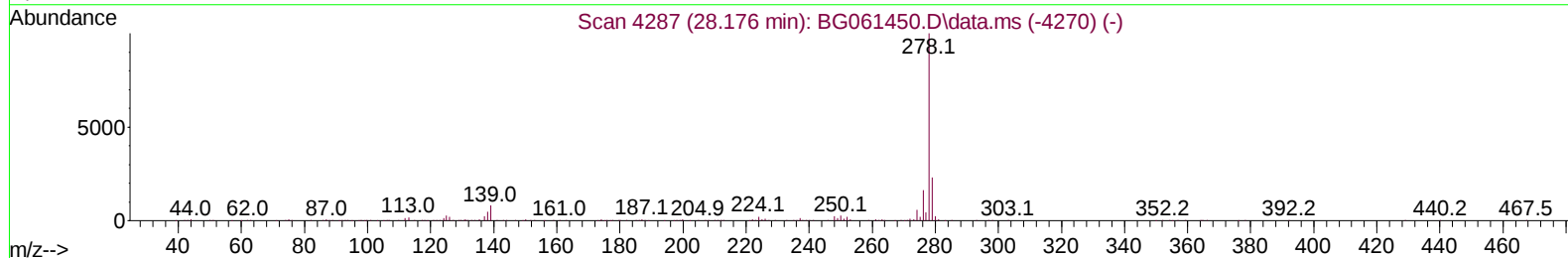
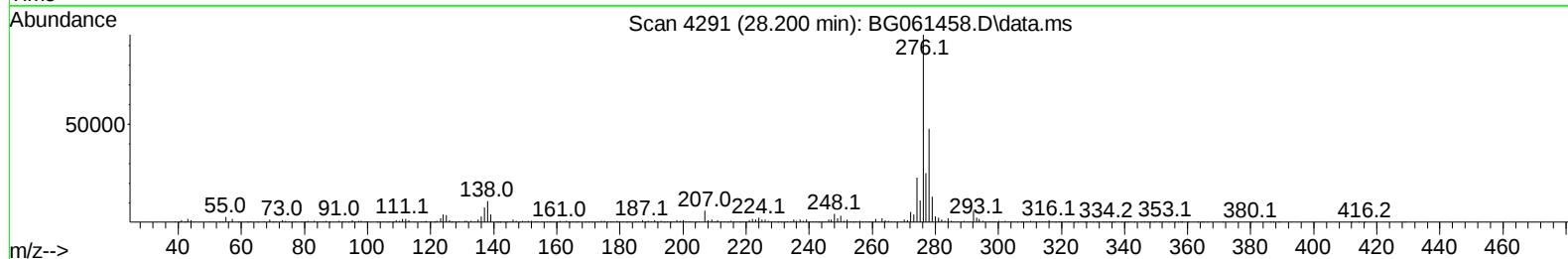
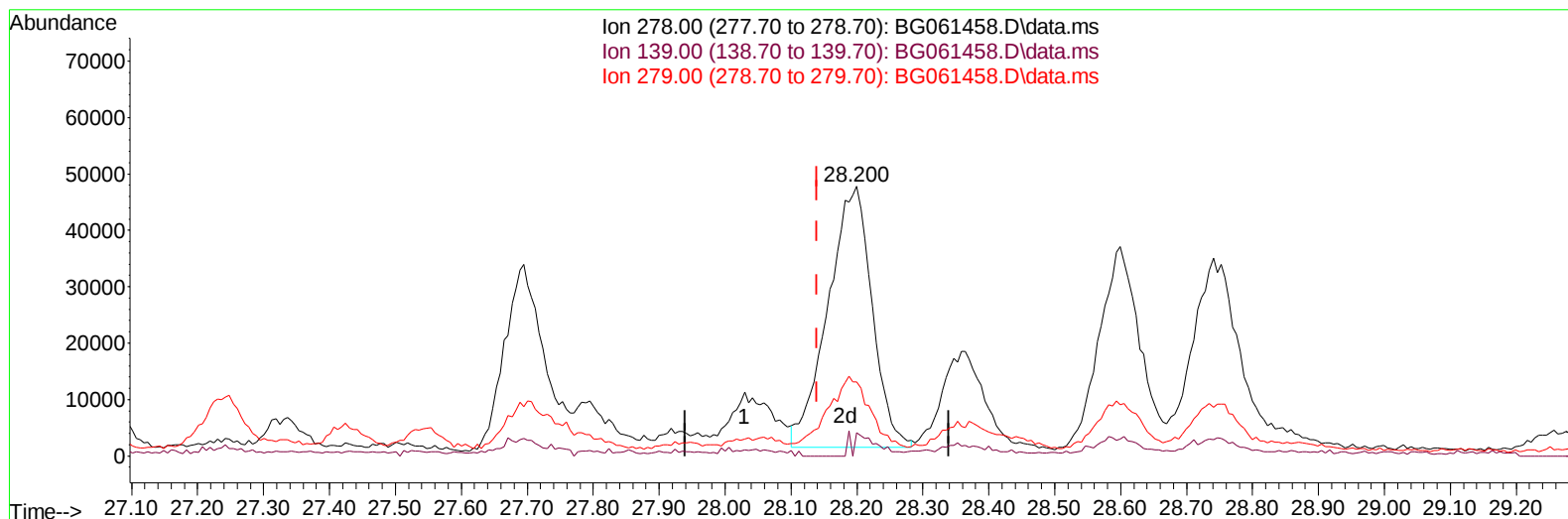
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061458.D
Acq On : 4 Jun 2024 16:53
Operator : MA/JU
Sample : P2590-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM6

Manual IntegrationsAPPROVED

Quant Time: Jun 04 17:34:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
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TIC: BG061458.D\data.ms

(95) Dibenzo(a,h)anthracene

28.200min (+ 0.060) 14.66 ng/ul m

response 214268

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	8.58
279.00	24.90	27.48
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061458.D
 Acq On : 4 Jun 2024 16:53
 Operator : MA/JU
 Sample : P2590-22
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBM6

Manual IntegrationsAPPROVED

Quant Time: Jun 04 17:38:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.877	152	30078	20.000	ng/ul	0.00
20) Naphthalene-d8	10.668	136	124701	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.516	164	92291	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.266	188	207237	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.531	240	224770	20.000	ng/ul	0.02
88) Perylene-d12	24.634	264	259193	20.000	ng/ul	# 0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	1956	3.639	ng/uL	0.00
4) Pyridine-d5	3.740	84	14131	7.390	ng/ul	0.00
7) Phenol-d5	7.066	99	65324	26.447	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.207	67	39940	25.726	ng/ul	0.00
11) 2-Chlorophenol-d4	7.418	132	52968	28.976	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	52006	24.692	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	27210	28.341	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	31592	28.115	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	63699	29.078	ng/ul	0.00
31) 4-Chloroaniline-d4	10.809	131	36947	12.892	ng/ul	0.00
46) Dimethylphthalate-d6	13.923	166	200067	27.951	ng/ul	0.00
49) Acenaphthylene-d8	14.205	160	220404	29.618	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143	15385	17.385	ng/ul	0.03
60) Fluorene-d10	15.509	176	176297	28.528	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.656	200	24289	19.378	ng/ul	0.02
73) Anthracene-d10	17.366	188	275292	30.131	ng/ul	0.00
81) Pyrene-d10	19.663	212	337158	29.214	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.422	264	372823	29.919	ng/ul	0.04
Target Compounds						
					Qvalue	
30) Naphthalene	10.715	128	7877	1.197	ng/ul	96
50) Acenaphthylene	14.240	152	30956m	3.751	ng/ul	
52) Acenaphthene	14.575	153	10050	1.857	ng/ul#	89
56) Dibenzofuran	14.915	168	8601	1.111	ng/ul	98
61) Fluorene	15.562	166	18376	2.744	ng/ul#	94
72) Phenanthrene	17.313	178	564897	56.162	ng/ul	98
74) Anthracene	17.401	178	74257	7.140	ng/ul	98
77) Carbazole	17.671	167	38960	4.606	ng/ul	97
78) Di-n-butylphthalate	18.229	149	23488	2.216	ng/ul	99
80) Fluoranthene	19.334	202	1728236	124.829	ng/ul	99
82) Pyrene	19.698	202	1645630	114.510	ng/ul	100
85) Benzo(a)anthracene	21.514	228	1128951	72.792	ng/ul	96
87) Chrysene	21.578	228	1122744	78.620	ng/ul	96
90) Benzo(b)fluoranthene	23.664	252	1547790	100.296	ng/ul	99
91) Benzo(k)fluoranthene	23.717	252	551214m	35.185	ng/ul	
93) Benzo(a)pyrene	24.498	252	1147503	78.307	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.176	276	817738m	46.145	ng/ul	
95) Dibenzo(a,h)anthracene	28.200	278	214268m	14.664	ng/ul	
96) Benzo(g,h,i)perylene	29.275	276	653211	46.334	ng/ul	97

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

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