

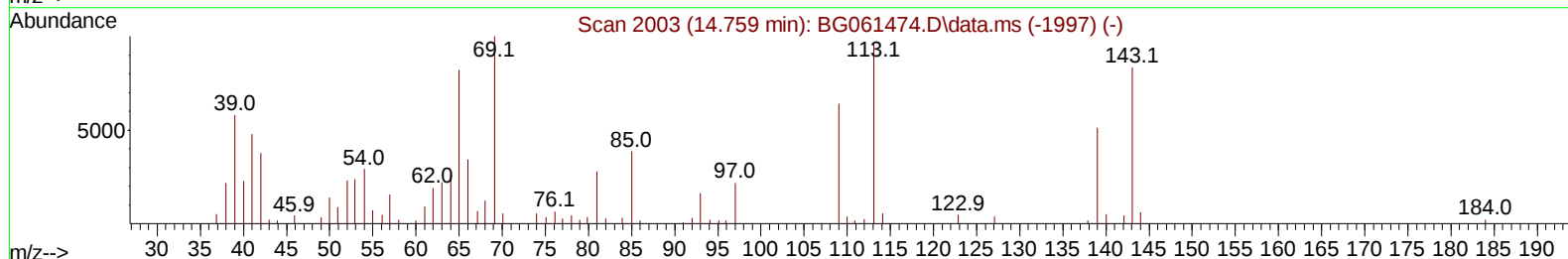
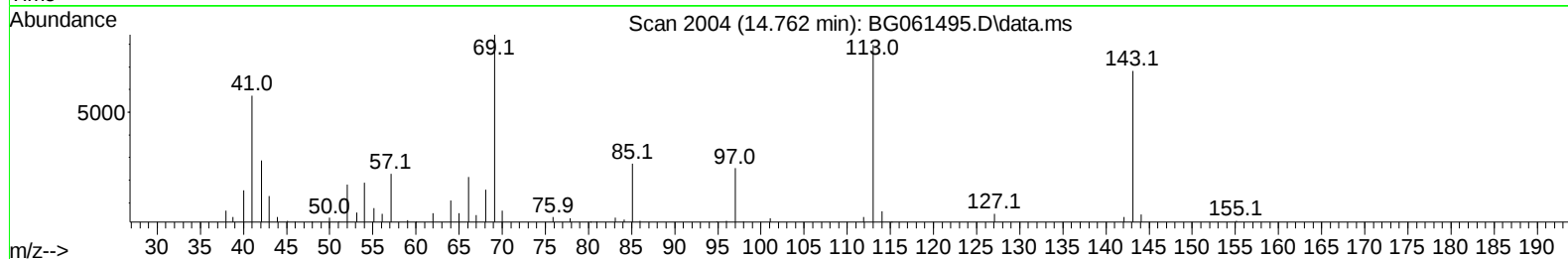
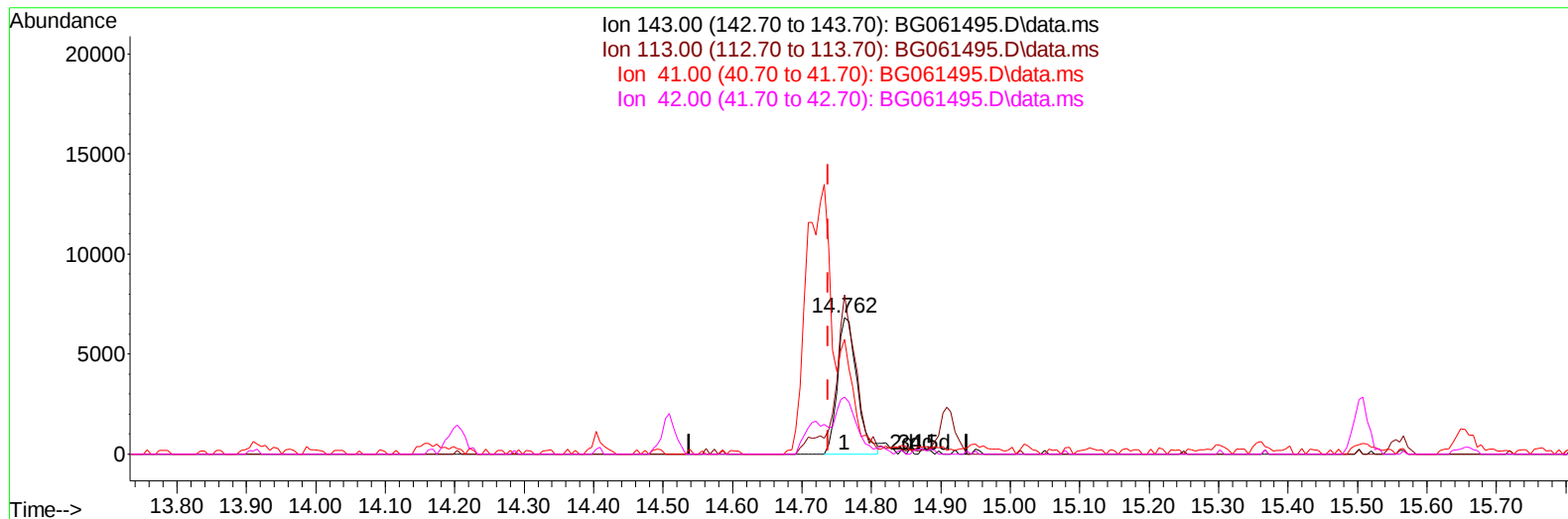
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061495.D
Acq On : 5 Jun 2024 20:40
Operator : MA/JU
Sample : P2623-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBR6

Manual IntegrationsAPPROVED

Quant Time: Jun 05 22:53:57 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 06/06/2024
Supervised By :mohammad ahmed 06/07/2024



TIC: BG061495.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.762min (+ 0.024) 18.99 ng/u1

response 13371

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	116.63
41.00	77.10	83.91
42.00	49.50	41.89

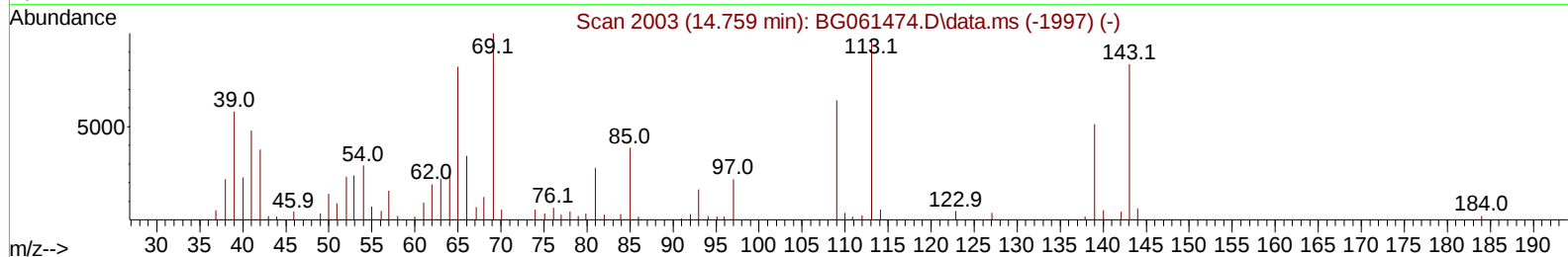
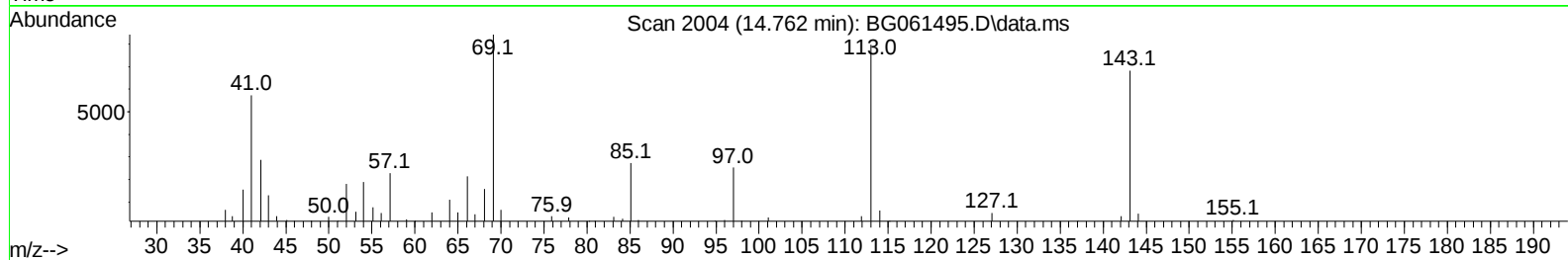
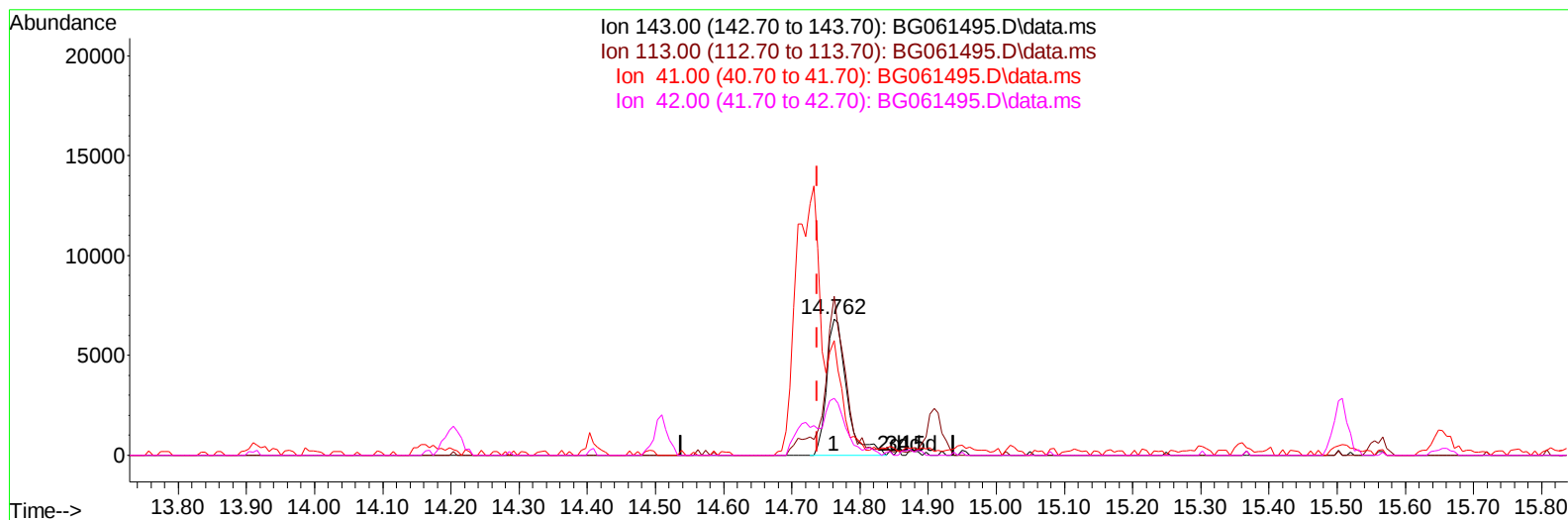
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061495.D
Acq On : 5 Jun 2024 20:40
Operator : MA/JU
Sample : P2623-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jun 05 22:53:57 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
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Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024



TIC: BG061495.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.762min (+ 0.024) 19.83 ng/ul m

response 13958

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	116.63
41.00	77.10	83.91
42.00	49.50	41.89

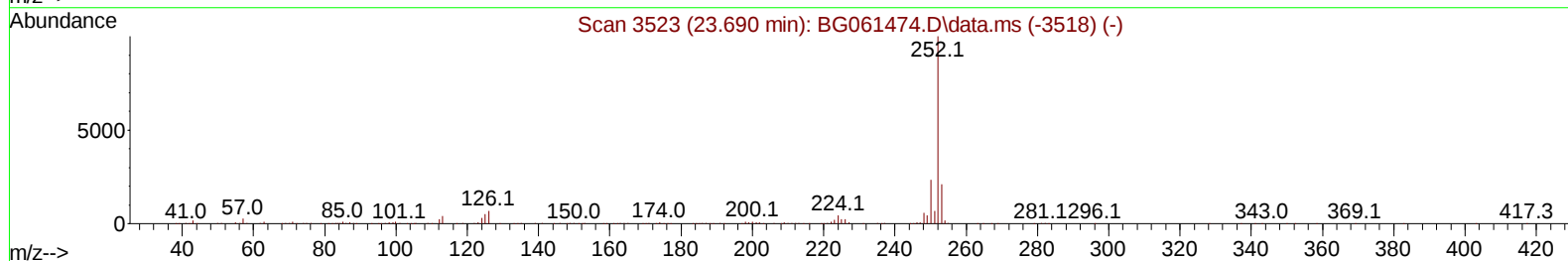
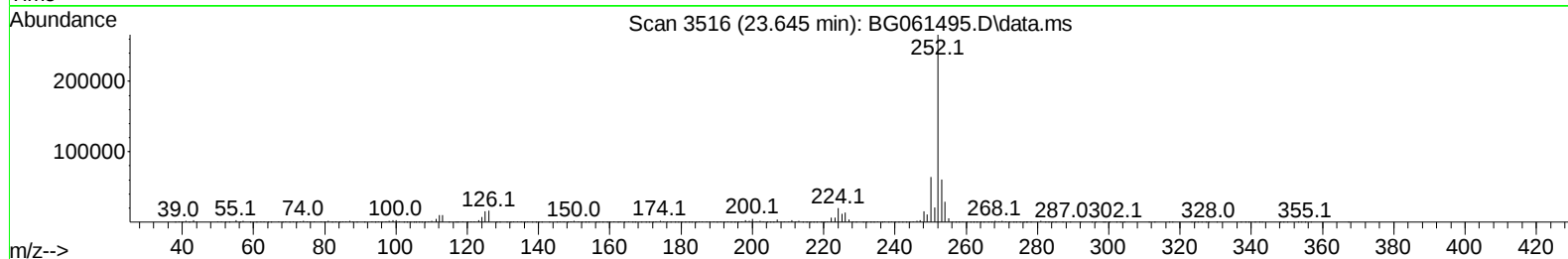
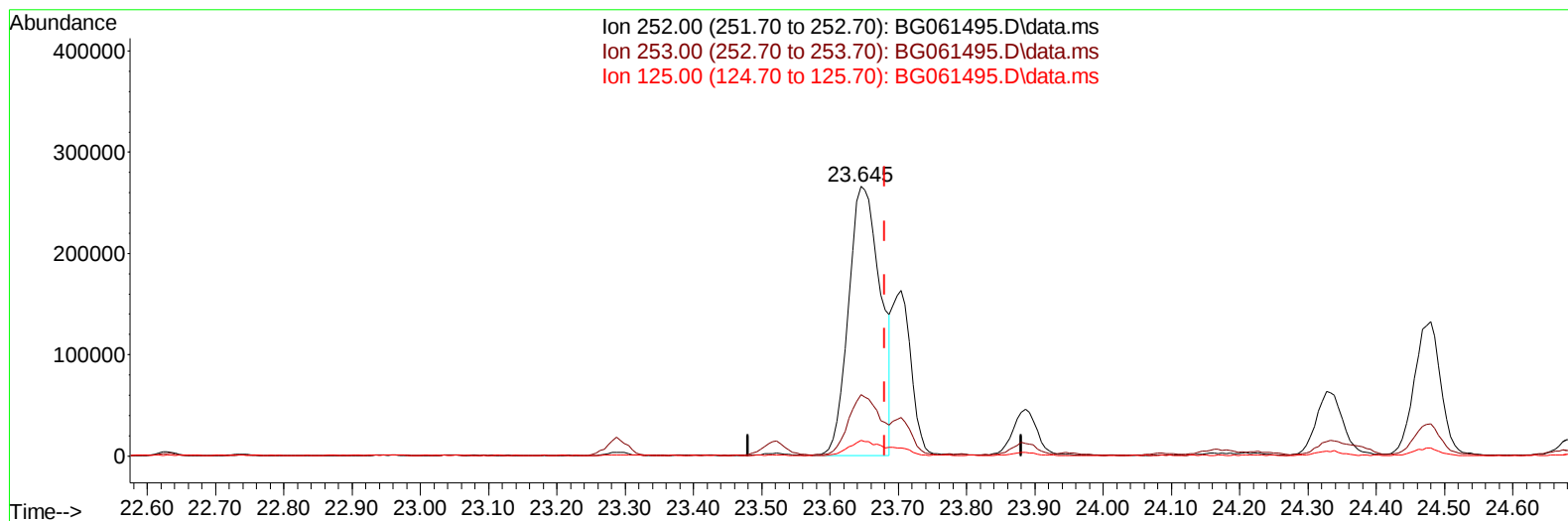
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061495.D
Acq On : 5 Jun 2024 20:40
Operator : MA/JU
Sample : P2623-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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TIC: BG061495.D\data.ms

(91) Benzo(k)fluoranthene

23.645min (-0.035) 69.59 ng/u1

response 867742

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	22.83
125.00	5.40	5.69
0.00	0.00	0.00

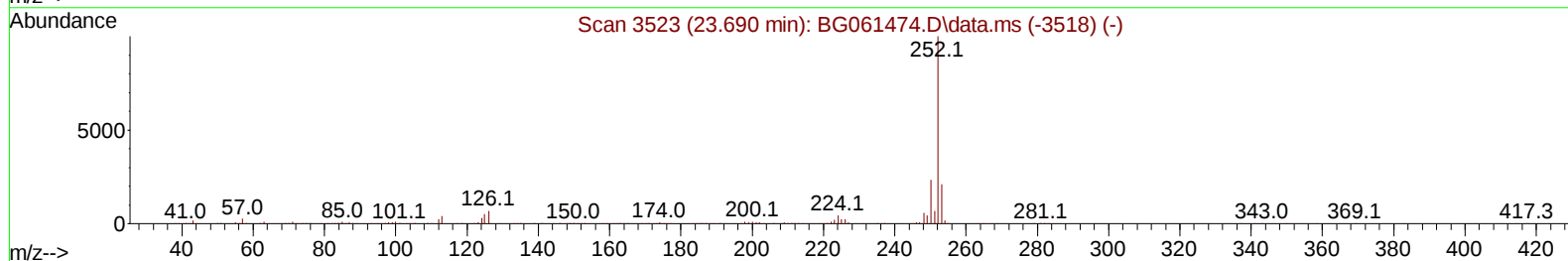
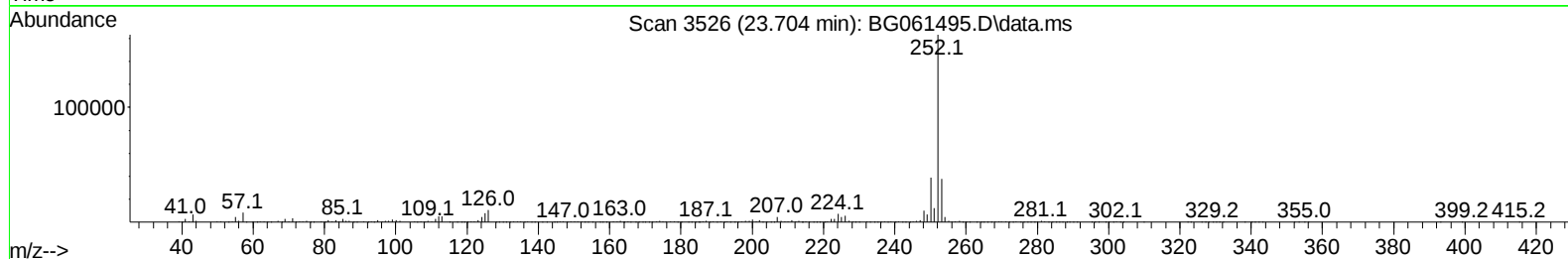
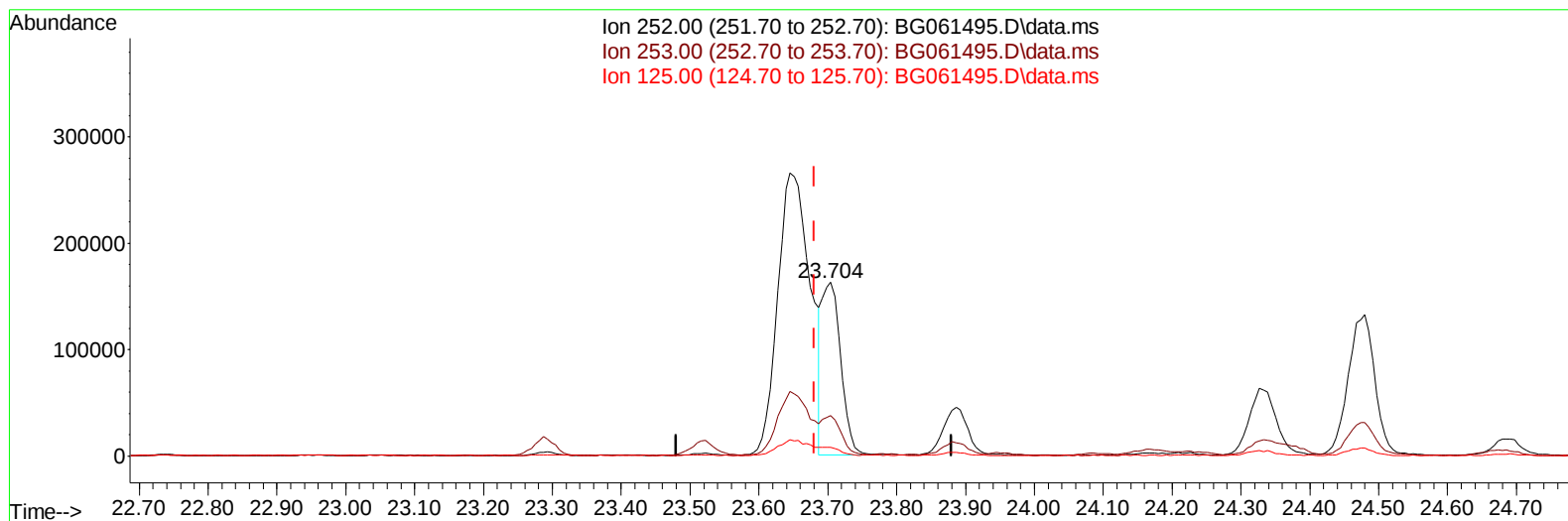
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061495.D
Acq On : 5 Jun 2024 20:40
Operator : MA/JU
Sample : P2623-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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TIC: BG061495.D\data.ms

(91) Benzo(k)fluoranthene

23.704min (+ 0.024) 24.60 ng/ul m

response 306716

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	23.21
125.00	5.40	4.88
0.00	0.00	0.00

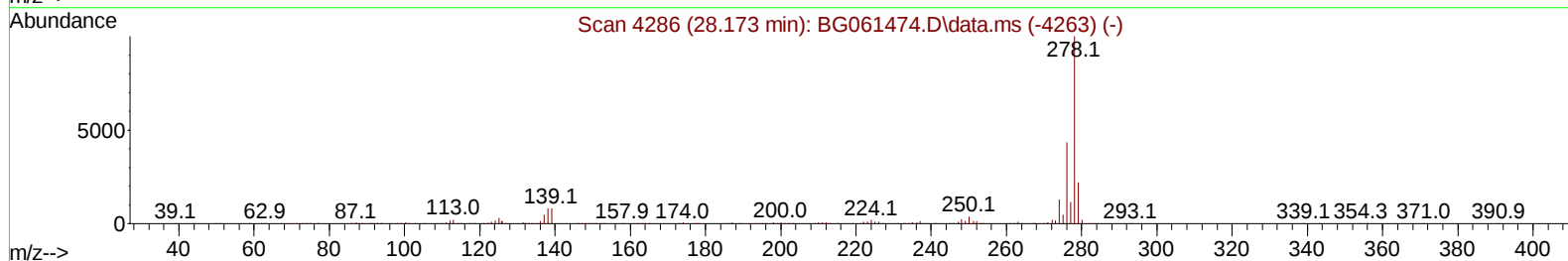
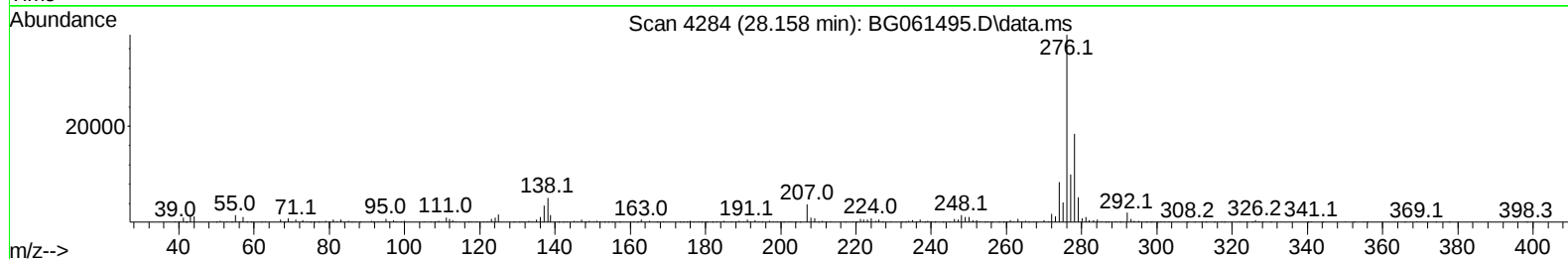
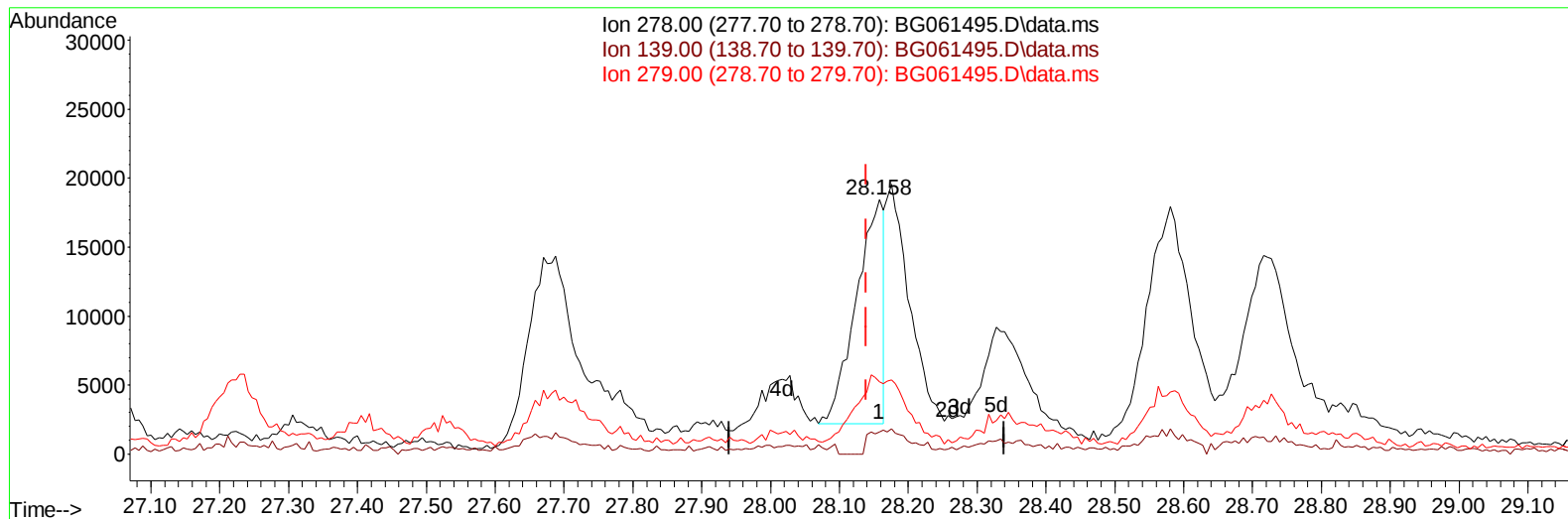
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061495.D
Acq On : 5 Jun 2024 20:40
Operator : MA/JU
Sample : P2623-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBR6

Manual IntegrationsAPPROVED

Quant Time: Jun 05 23:09:38 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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TIC: BG061495.D\data.ms

(95) Dibenzo(a,h)anthracene

28.158min (+ 0.018) 3.88 ng/u1

response 45105

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	8.74
279.00	24.90	28.30
0.00	0.00	0.00

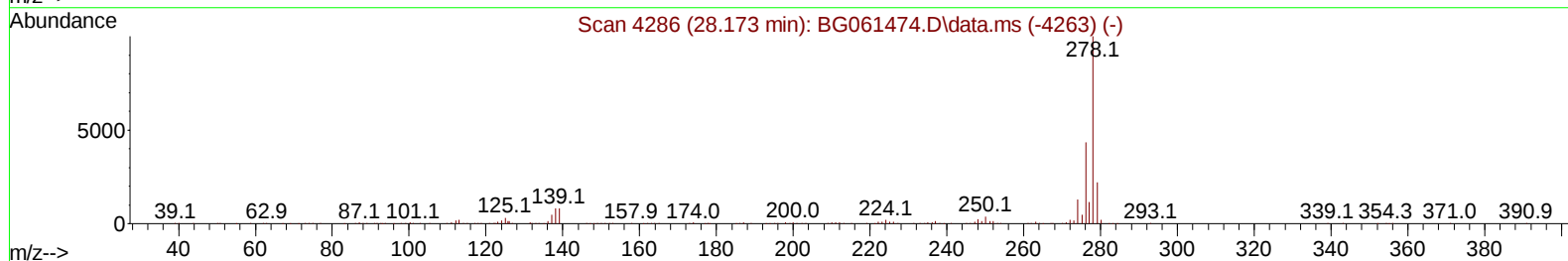
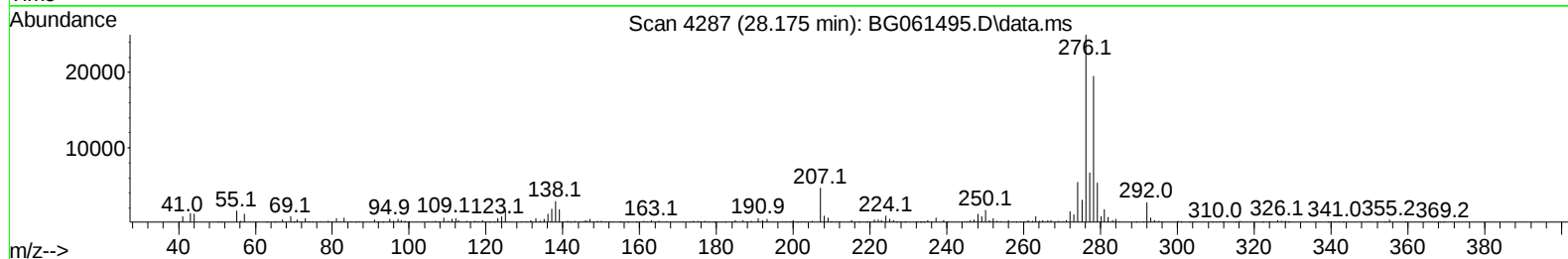
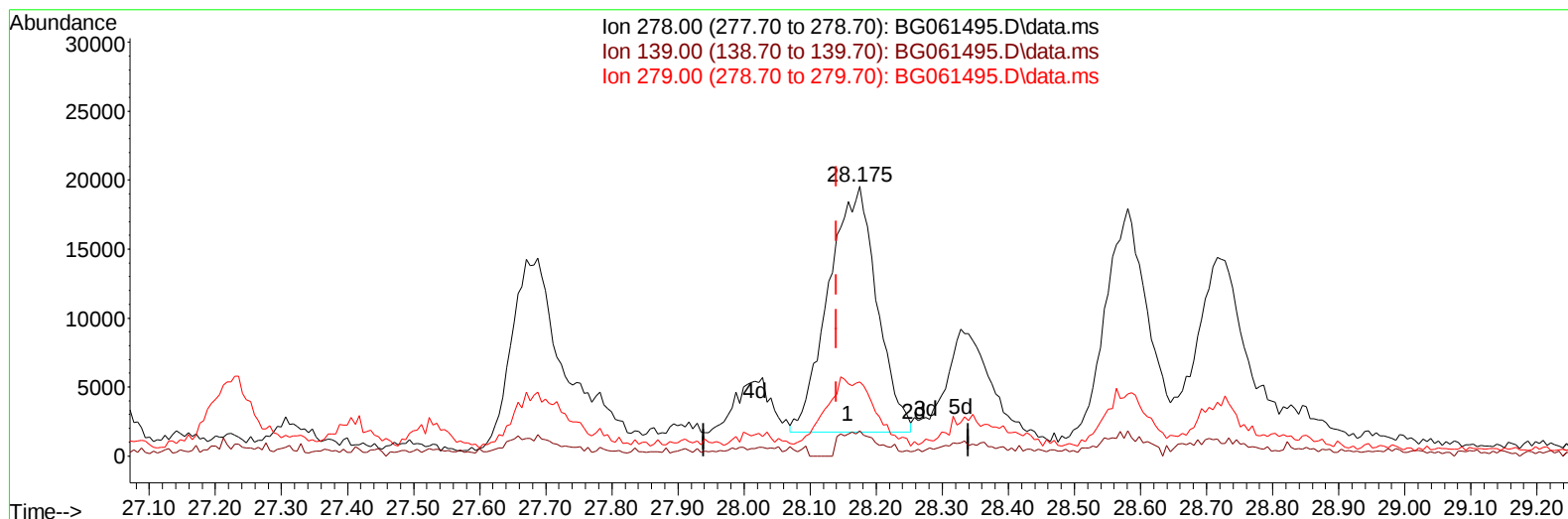
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061495.D
Acq On : 5 Jun 2024 20:40
Operator : MA/JU
Sample : P2623-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBR6

Manual IntegrationsAPPROVED

Quant Time: Jun 05 23:09:38 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: BG061495.D\data.ms

(95) Dibenzo(a,h)anthracene

28.175min (+ 0.036) 7.78 ng/ul m

response 90430

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	9.41
279.00	24.90	27.52
0.00	0.00	0.00

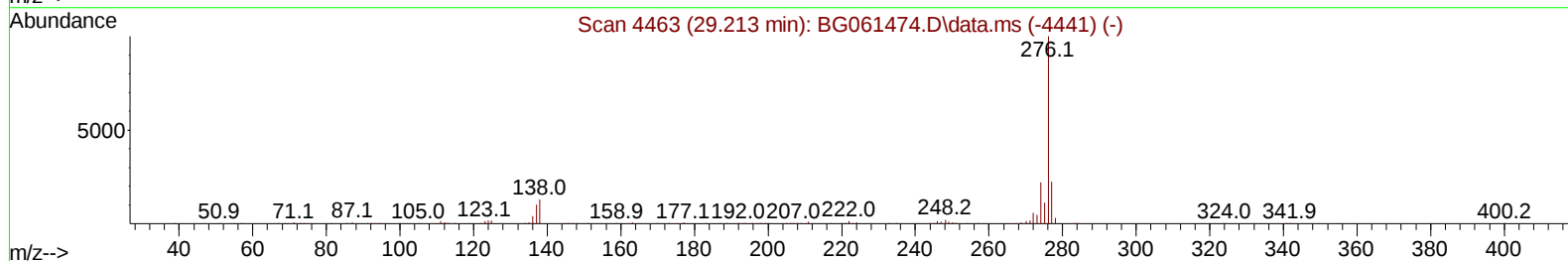
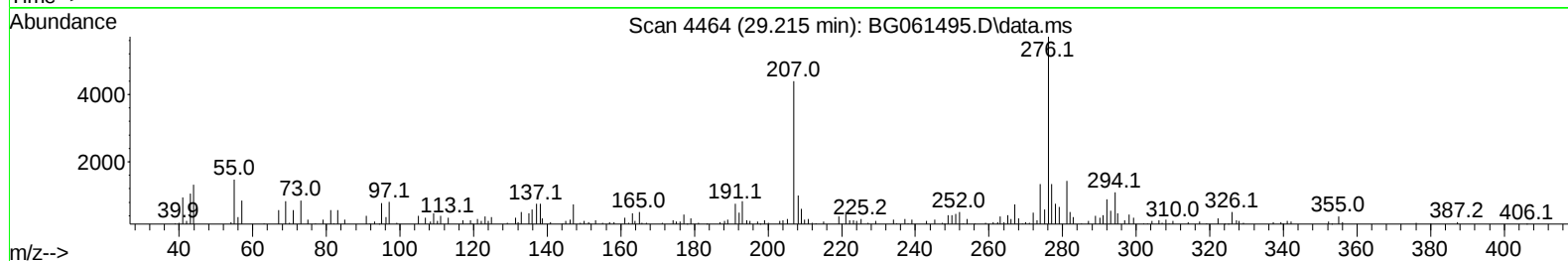
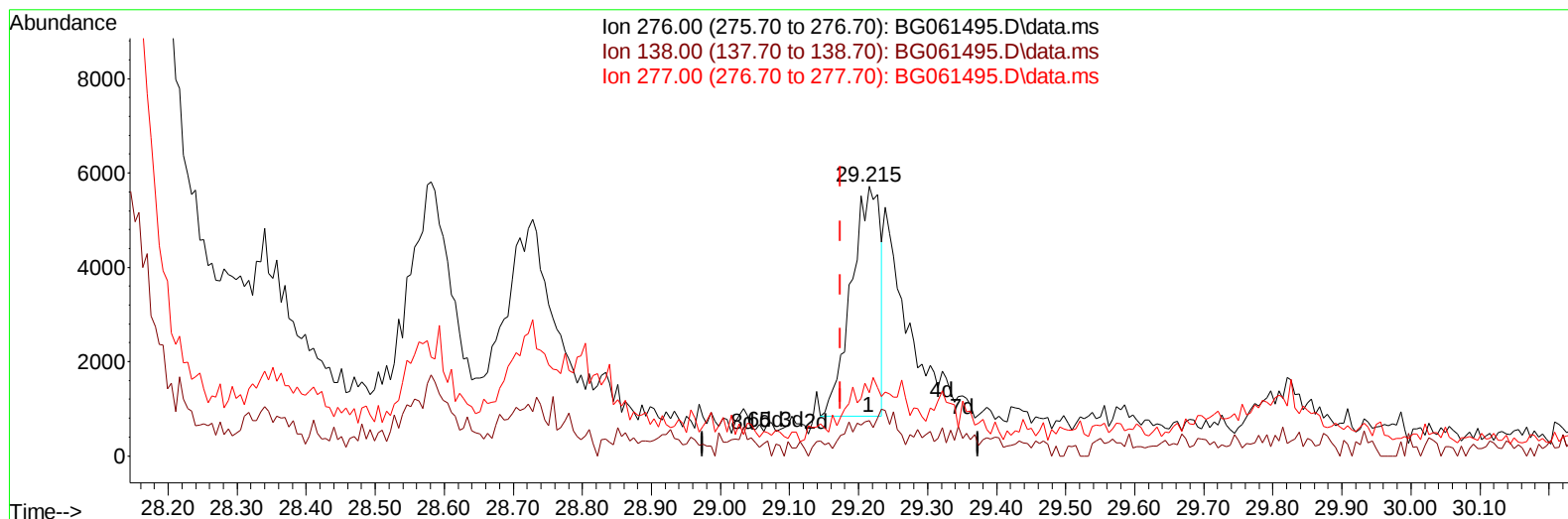
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061495.D
 Acq On : 5 Jun 2024 20:40
 Operator : MA/JU
 Sample : P2623-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBR6

Manual IntegrationsAPPROVED

Quant Time: Jun 05 23:09:38 2024
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 QLast Update : Thu May 30 22:54:48 2024
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Reviewed By :Jagrut Upadhyay 06/06/2024
 Supervised By :mohammad ahmed 06/07/2024



TIC: BG061495.D\data.ms

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

29.215min (+ 0.042) 1.26 ng/u1

response 14163

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	18.62#
277.00	22.70	23.39
0.00	0.00	0.00

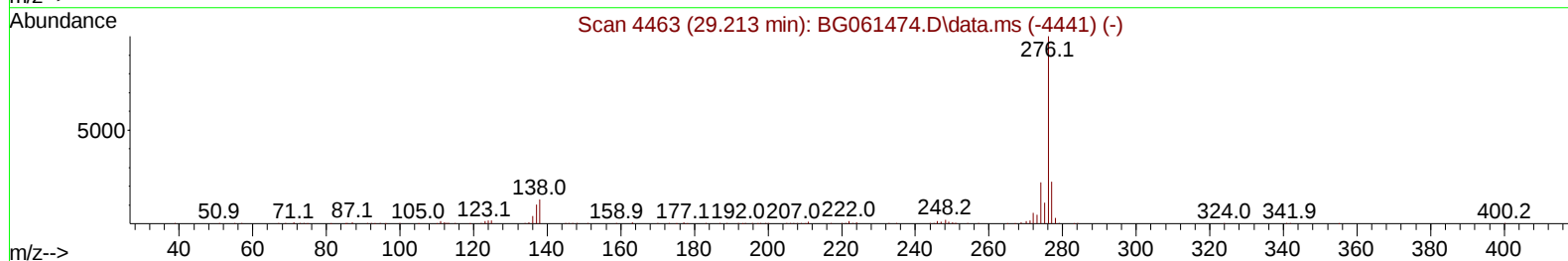
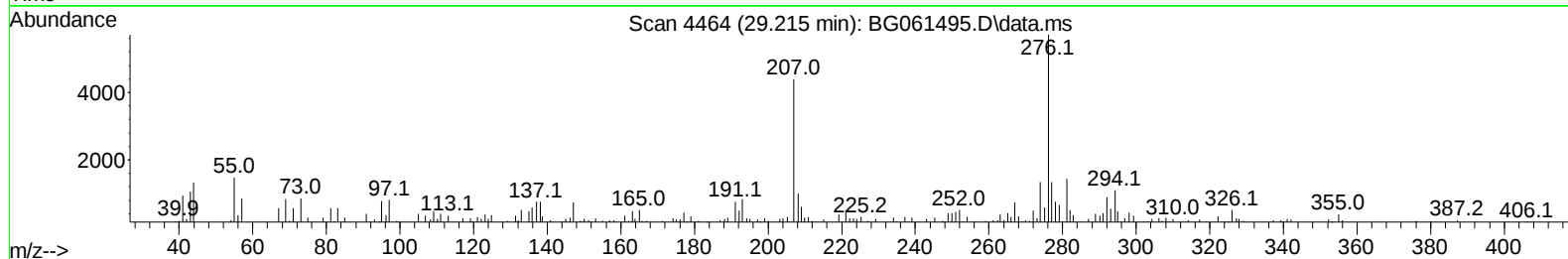
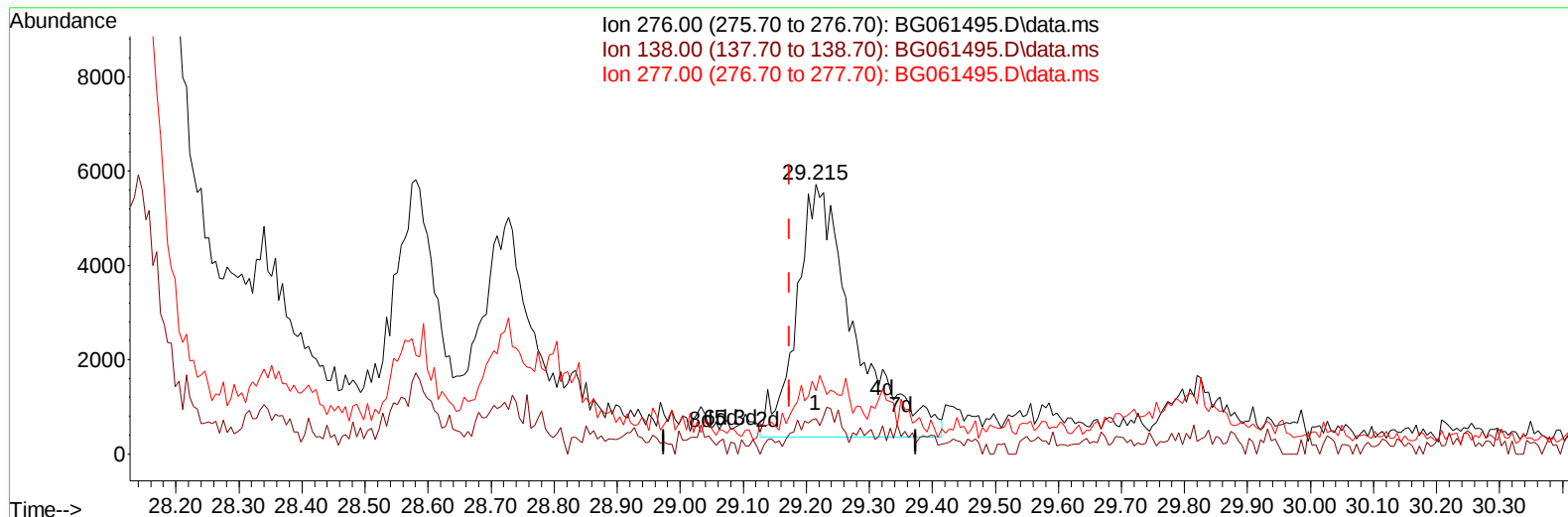
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061495.D
Acq On : 5 Jun 2024 20:40
Operator : MA/JU
Sample : P2623-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBR6

Manual IntegrationsAPPROVED

Quant Time: Jun 05 23:09:38 2024
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Quant Title : SVOA CALIBRATION
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TIC: BG061495.D\data.ms

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

29.215min (+ 0.042) 3.02 ng/ul m

response 33852

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	13.11#
277.00	22.70	23.39
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061495.D
 Acq On : 5 Jun 2024 20:40
 Operator : MA/JU
 Sample : P2623-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBR6

Manual IntegrationsAPPROVED

Quant Time: Jun 05 23:10:50 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	7.876	152	29385	20.000	ng/ul	0.00
20) Naphthalene-d8	10.666	136	116656	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.509	164	73414	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	166637	20.000	ng/ul	0.00
79) Chrysene-d12	21.524	240	181253	20.000	ng/ul	0.01
88) Perylene-d12	24.621	264	206285	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	2078	3.957	ng/uL	0.00
4) Pyridine-d5	3.745	84	17310	9.266	ng/ul	0.00
7) Phenol-d5	7.065	99	51849	21.486	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.206	67	32668	21.538	ng/ul	0.00
11) 2-Chlorophenol-d4	7.417	132	42975	24.064	ng/ul	0.00
15) 4-Methylphenol-d8	8.598	113	39059	18.982	ng/ul	0.00
21) Nitrobenzene-d5	9.033	128	22475	25.023	ng/ul	0.00
24) 2-Nitrophenol-d4	9.756	143	26312	25.031	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.308	165	49873	24.337	ng/ul	0.00
31) 4-Chloroaniline-d4	10.813	131	26796	9.995	ng/ul	0.01
46) Dimethylphthalate-d6	13.916	166	164945	28.969	ng/ul	0.00
49) Acenaphthylene-d8	14.203	160	155845	26.327	ng/ul	0.00
54) 4-Nitrophenol-d4	14.762	143	13958m	19.828	ng/ul	0.02
60) Fluorene-d10	15.508	176	125646	25.560	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.655	200	15266	15.147	ng/ul	0.02
73) Anthracene-d10	17.364	188	203400	27.687	ng/ul	0.00
81) Pyrene-d10	19.656	212	230304	24.747	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.403	264	203199	20.489	ng/ul	0.02
Target Compounds						
					Qvalue	
16) Acetophenone	8.698	105	5682	1.618	ng/ul	85
30) Naphthalene	10.719	128	36120	5.866	ng/ul	96
36) 2-Methylnaphthalene	12.329	142	13336	2.987	ng/ul	100
37) 1-Methylnaphthalene	12.547	142	10409	2.271	ng/ul#	92
43) 1,1'-Biphenyl	13.340	154	5867	1.236	ng/ul#	89
52) Acenaphthene	14.574	153	40439	9.391	ng/ul	98
56) Dibenzofuran	14.909	168	58196	9.452	ng/ul	99
61) Fluorene	15.561	166	53501	10.043	ng/ul	98
72) Phenanthrene	17.312	178	1047217	129.480	ng/ul	98
74) Anthracene	17.400	178	232211	27.768	ng/ul	99
77) Carbazole	17.670	167	100130	14.721	ng/ul	98
78) Di-n-butylphthalate	18.222	149	9804	1.150	ng/ul	97
80) Fluoranthene	19.333	202	1553955	139.188	ng/ul	99
82) Pyrene	19.691	202	1046085	90.268	ng/ul	99
85) Benzo(a)anthracene	21.507	228	802871	64.196	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.407	149	49662	8.428	ng/ul#	93
87) Chrysene	21.571	228	693472	60.219	ng/ul	98
90) Benzo(b)fluoranthene	23.645	252	867742	70.651	ng/ul	99
91) Benzo(k)fluoranthene	23.704	252	306716m	24.599	ng/ul	
93) Benzo(a)pyrene	24.480	252	355031	30.442	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	28.134	276	244963	17.369	ng/ul	99
95) Dibenzo(a,h)anthracene	28.175	278	90430m	7.776	ng/ul	
96) Benzo(g,h,i)perylene	29.215	276	33852m	3.017	ng/ul	

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/06/2024
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Quant Time: Jun 05 23:10:50 2024
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Quant Title : SVOA CALIBRATION
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev	(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
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