

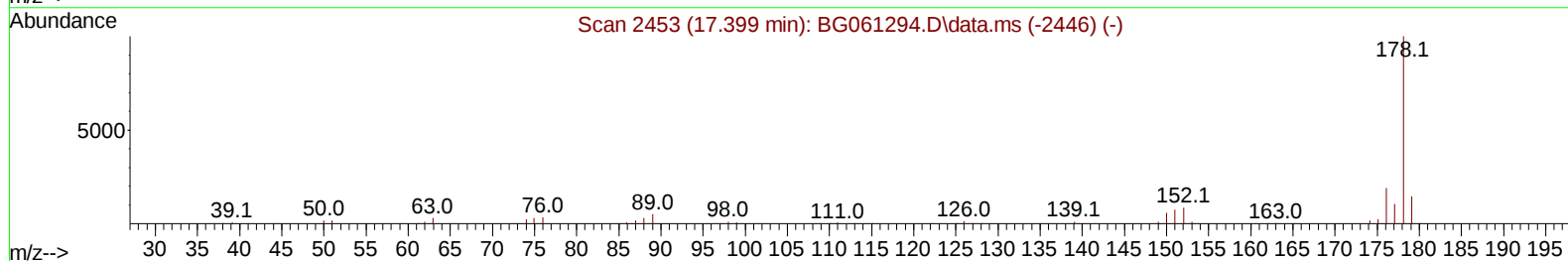
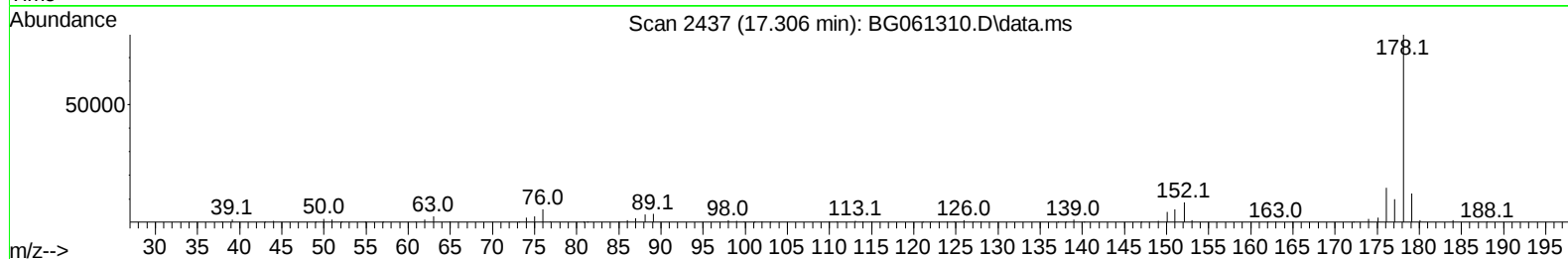
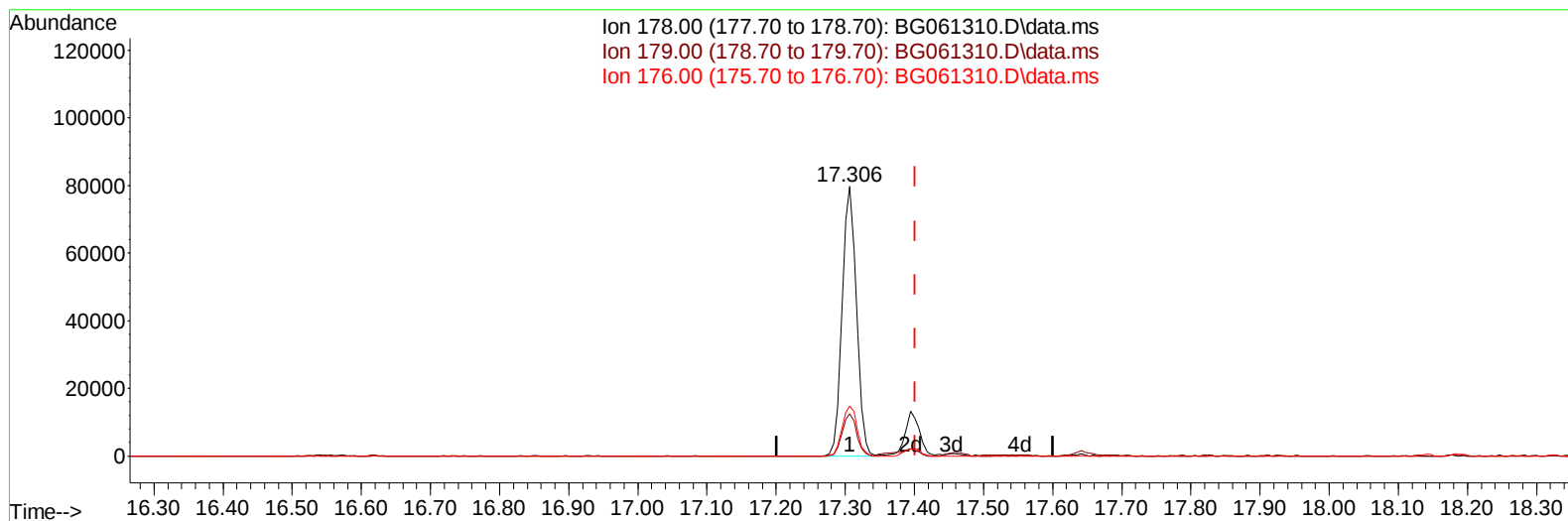
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
Data File : BG061310.D
Acq On : 28 May 2024 22:07
Operator : MA/JU
Sample : P2568-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH633

Manual IntegrationsAPPROVED

Quant Time: May 28 23:16:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



TIC: BG061310.D\data.ms

(74) Anthracene

17.306min (-0.095) 10.57 ng/u1

response 114292

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.70	15.59
176.00	18.60	18.48
0.00	0.00	0.00

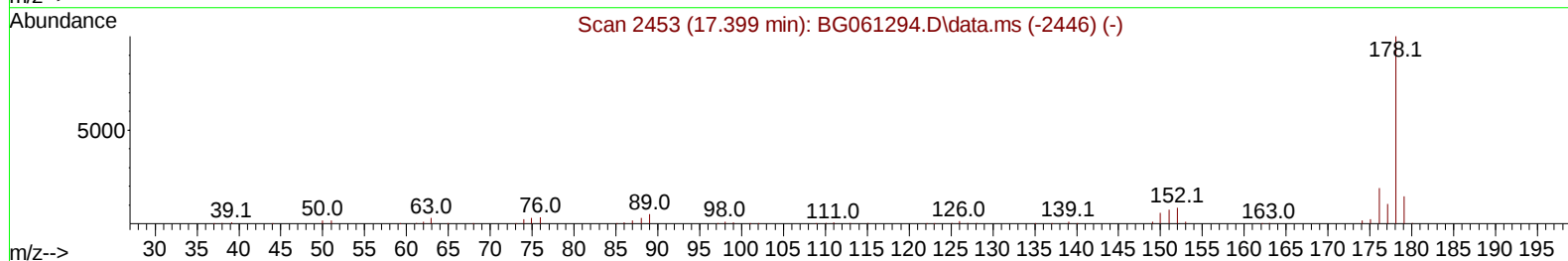
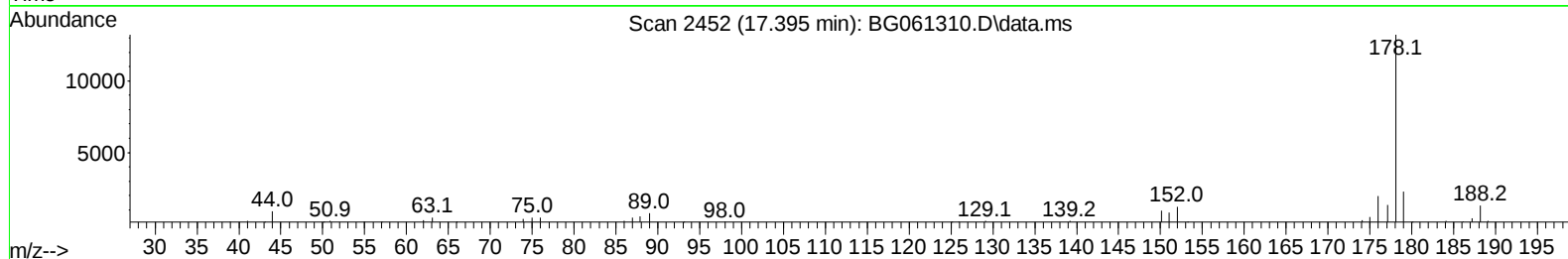
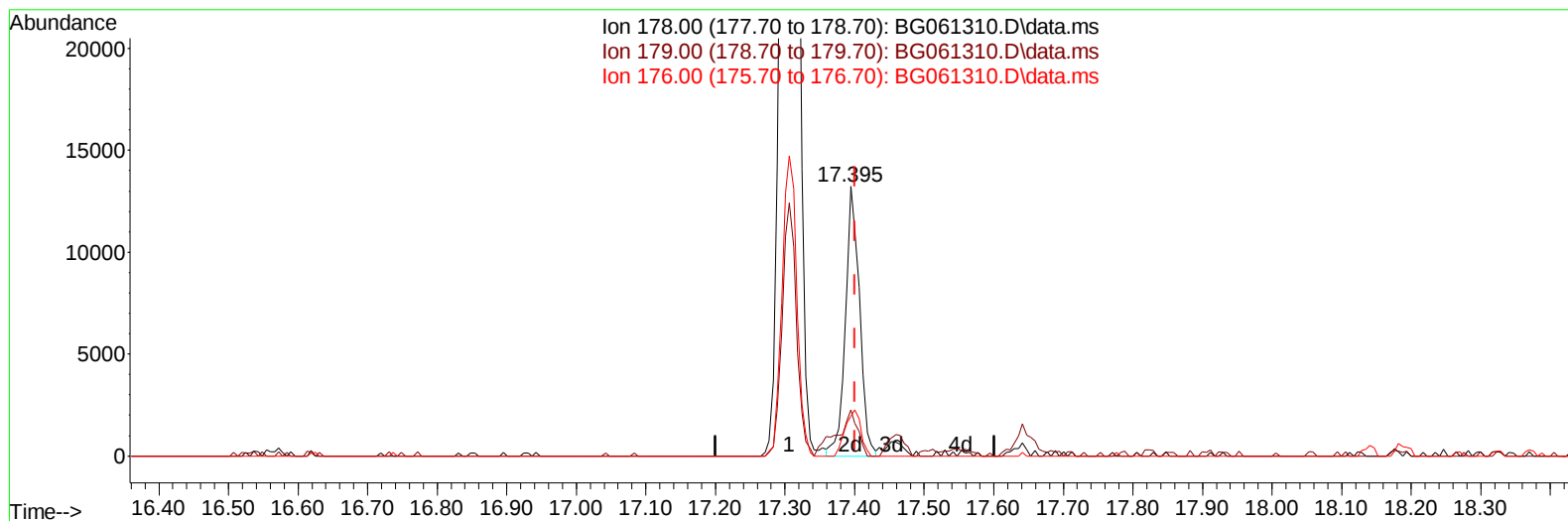
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
Data File : BG061310.D
Acq On : 28 May 2024 22:07
Operator : MA/JU
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Supervised By :mohammad ahmed 05/30/2024



TIC: BG061310.D\data.ms

(74) Anthracene

17.395min (-0.006) 1.74 ng/ul m

response 18796

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.70	17.20
176.00	18.60	14.87#
0.00	0.00	0.00

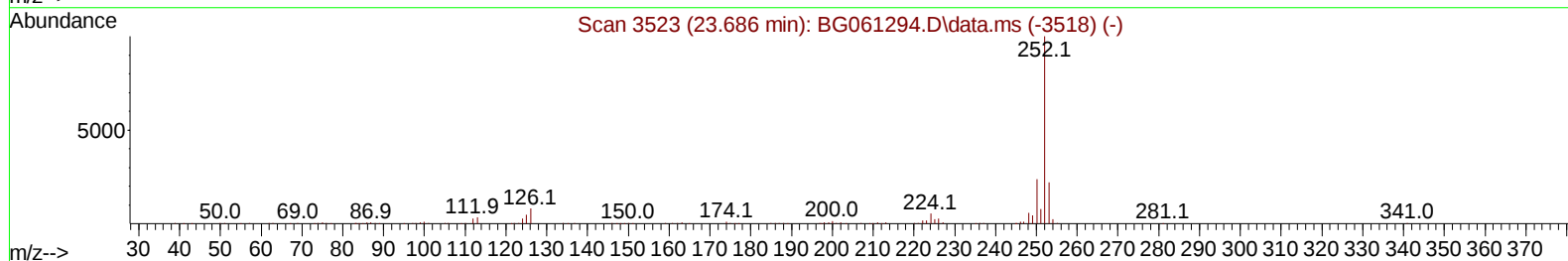
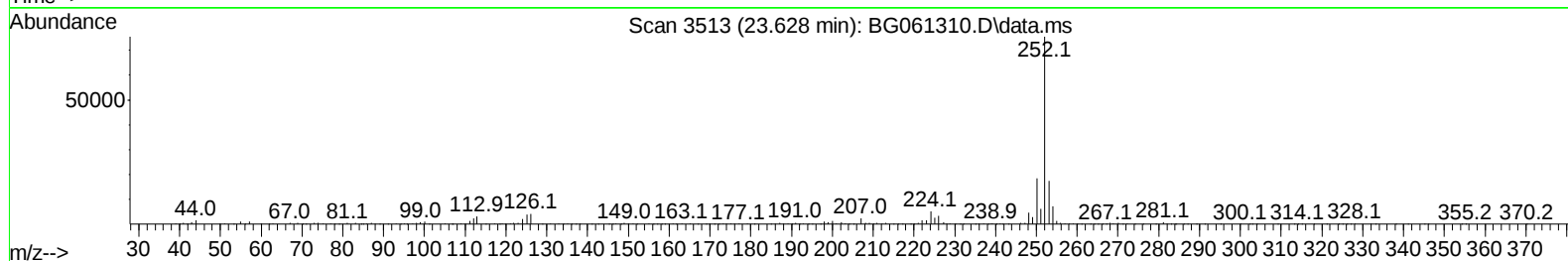
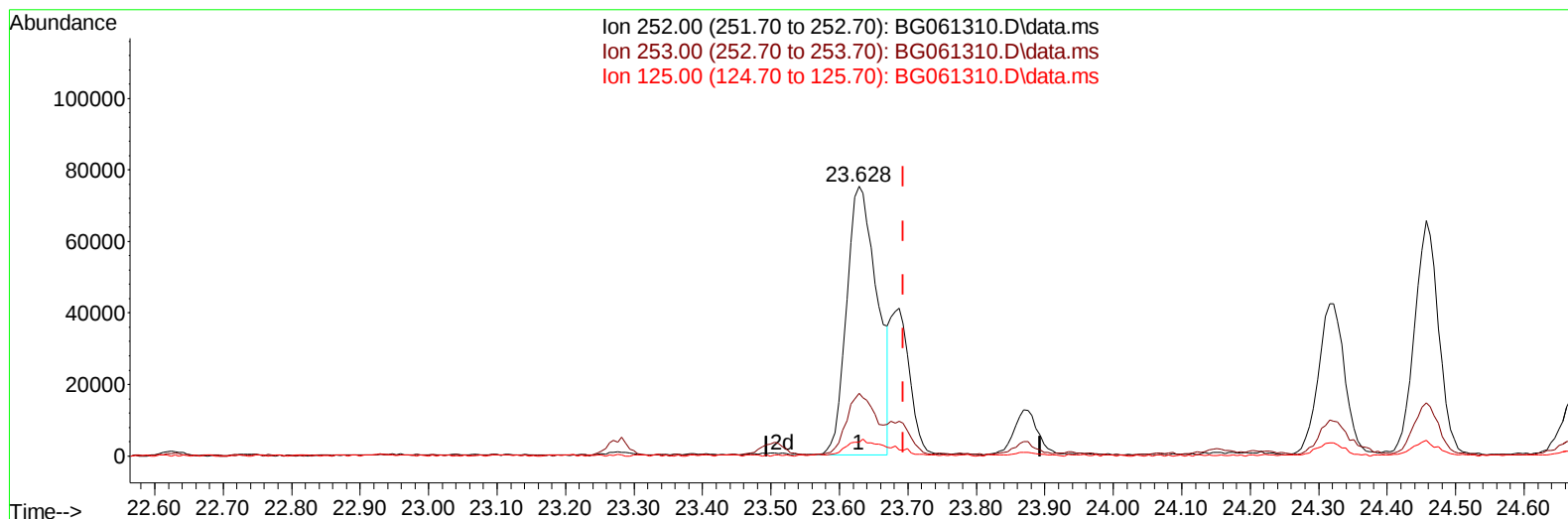
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
Data File : BG061310.D
Acq On : 28 May 2024 22:07
Operator : MA/JU
Sample : P2568-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BH633

Manual IntegrationsAPPROVED

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TIC: BG061310.D\data.ms

(91) Benzo(k)fluoranthene

23.628min (-0.065) 15.49 ng/u1

response 233079

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	23.15
125.00	5.40	5.14
0.00	0.00	0.00

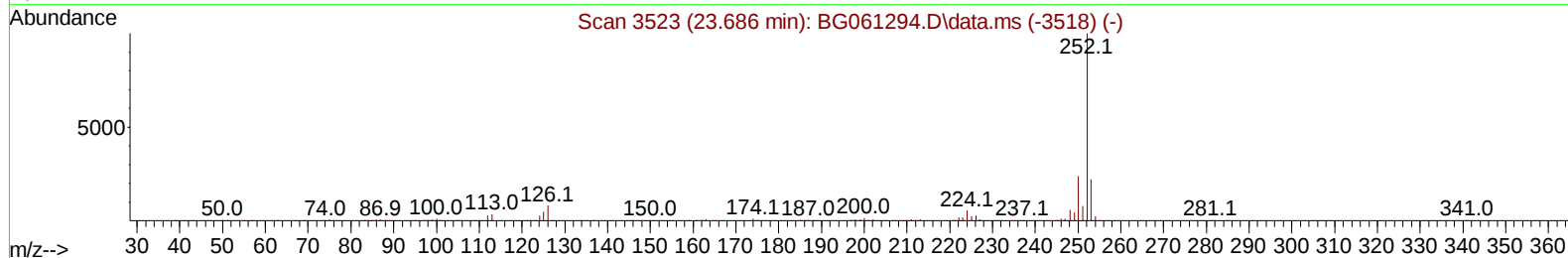
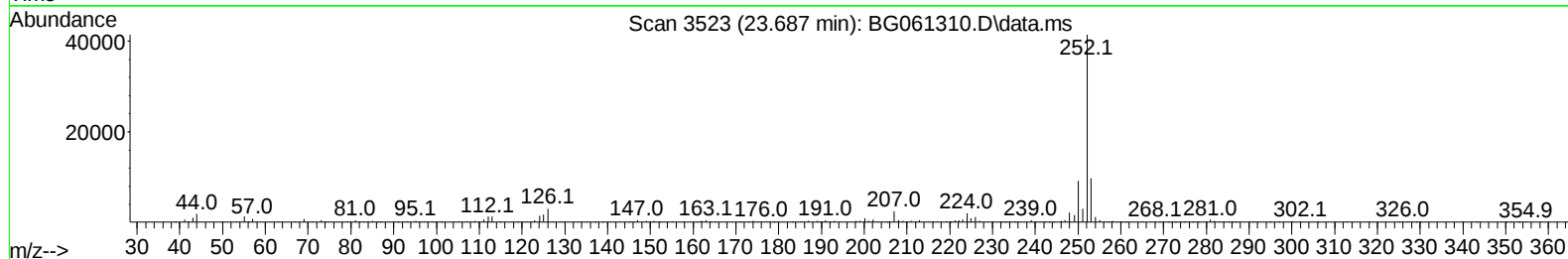
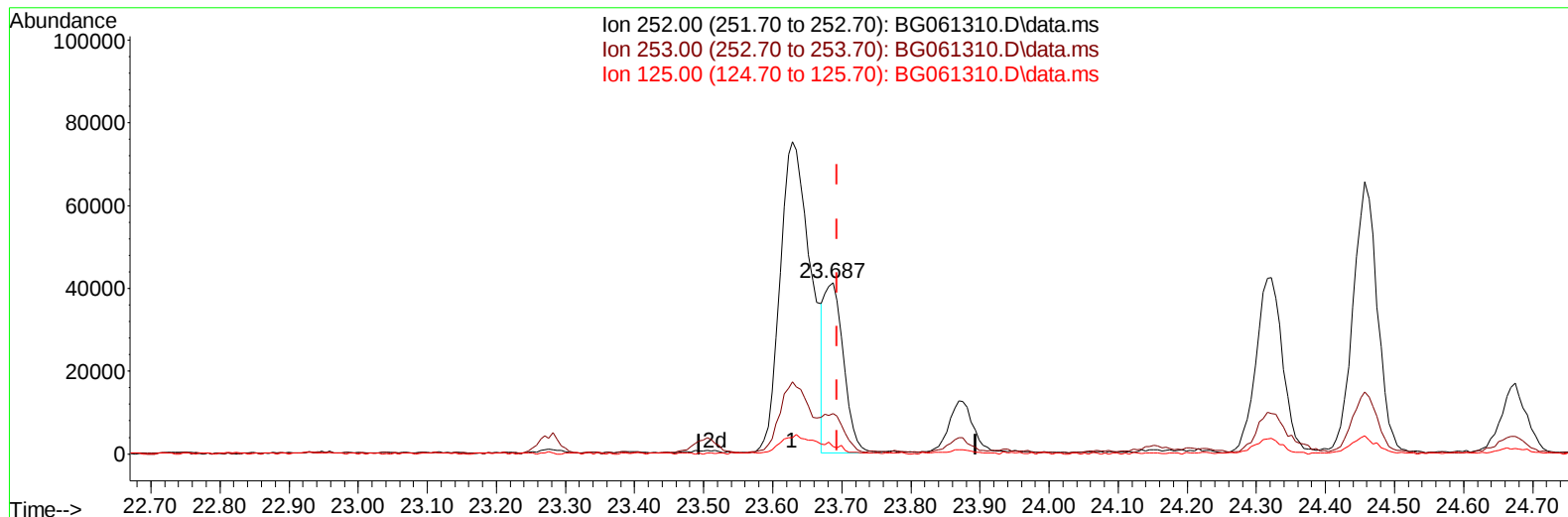
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG061310.D\data.ms

(91) Benzo(k)fluoranthene

23.687min (-0.006) 5.32 ng/u1 m

response 80099

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	23.61
125.00	5.40	4.29#
0.00	0.00	0.00

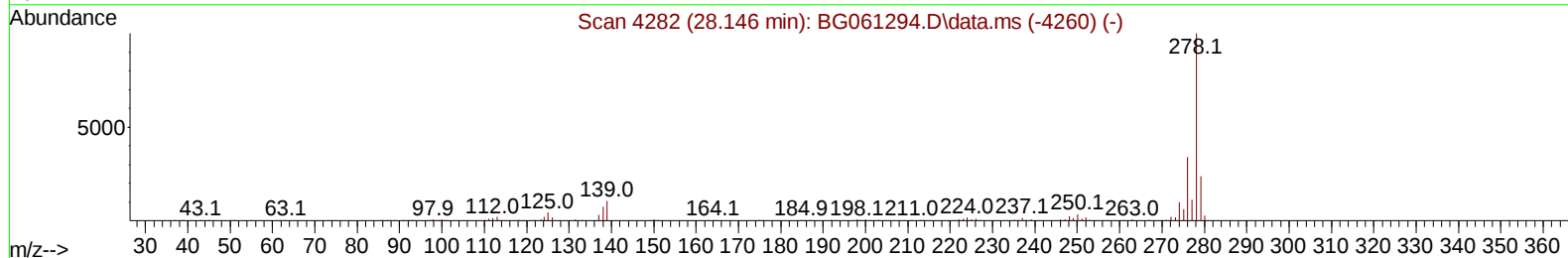
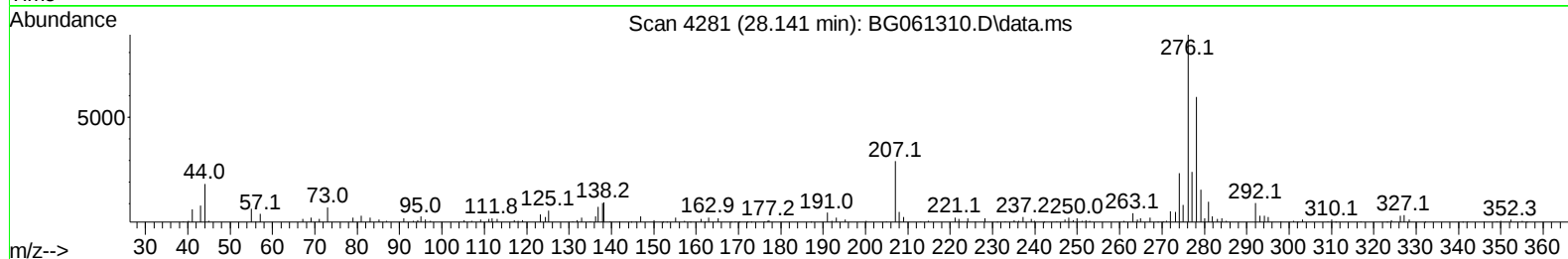
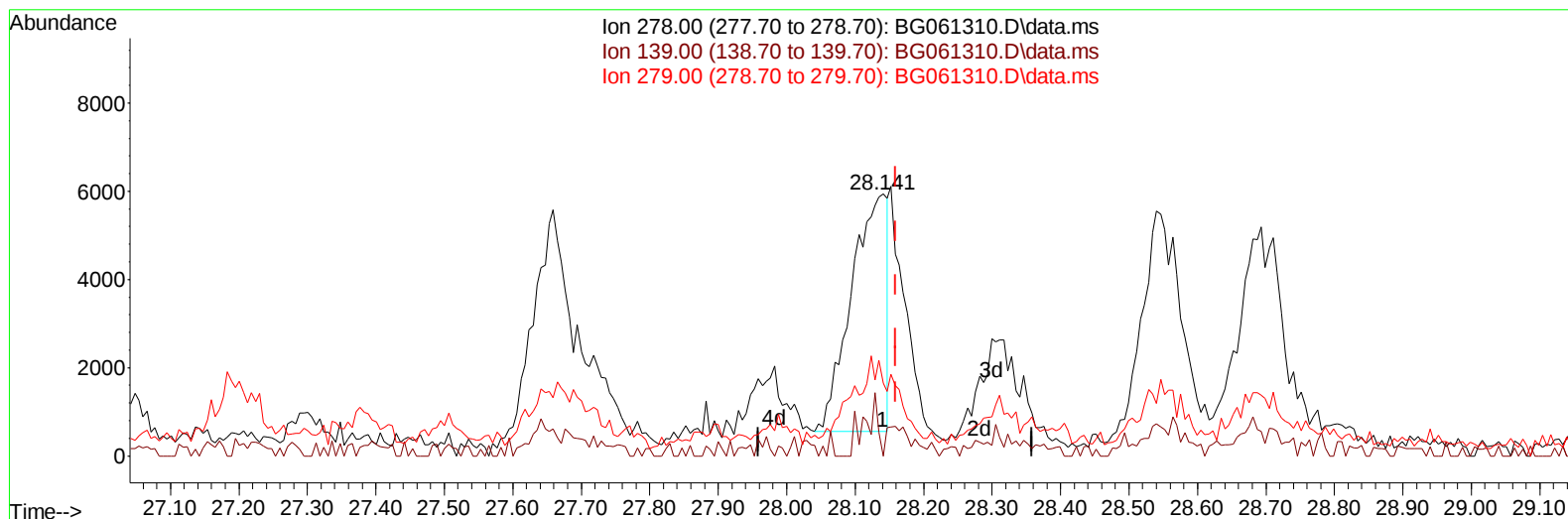
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
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Sample : P2568-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
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TIC: BG061310.D\data.ms

(95) Dibenzo(a,h)anthracene

28.141min (-0.018) 1.39 ng/u1

response 19570

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	2.91#
279.00	24.90	27.80
0.00	0.00	0.00

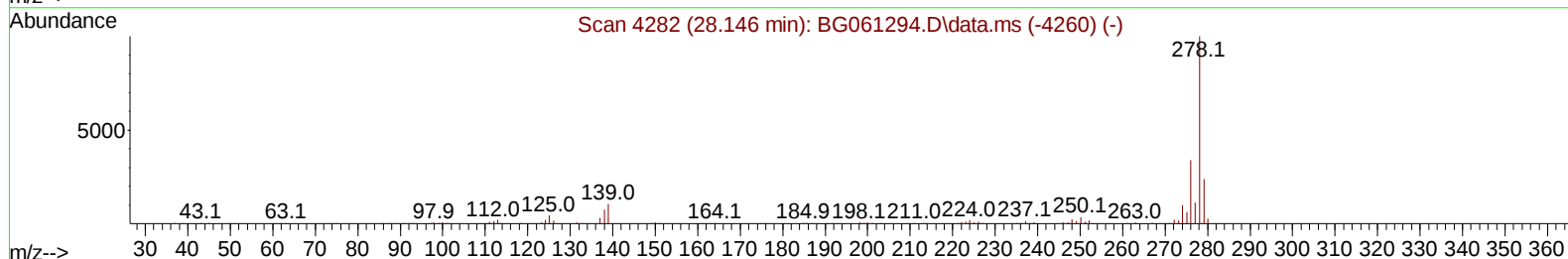
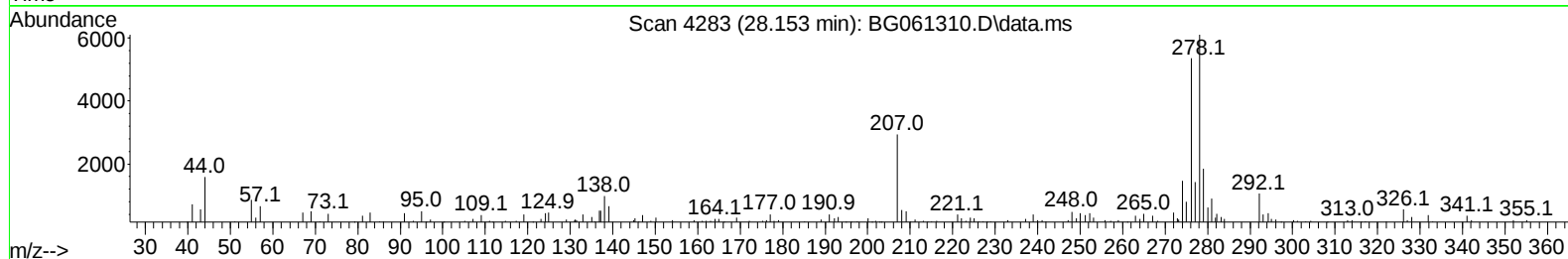
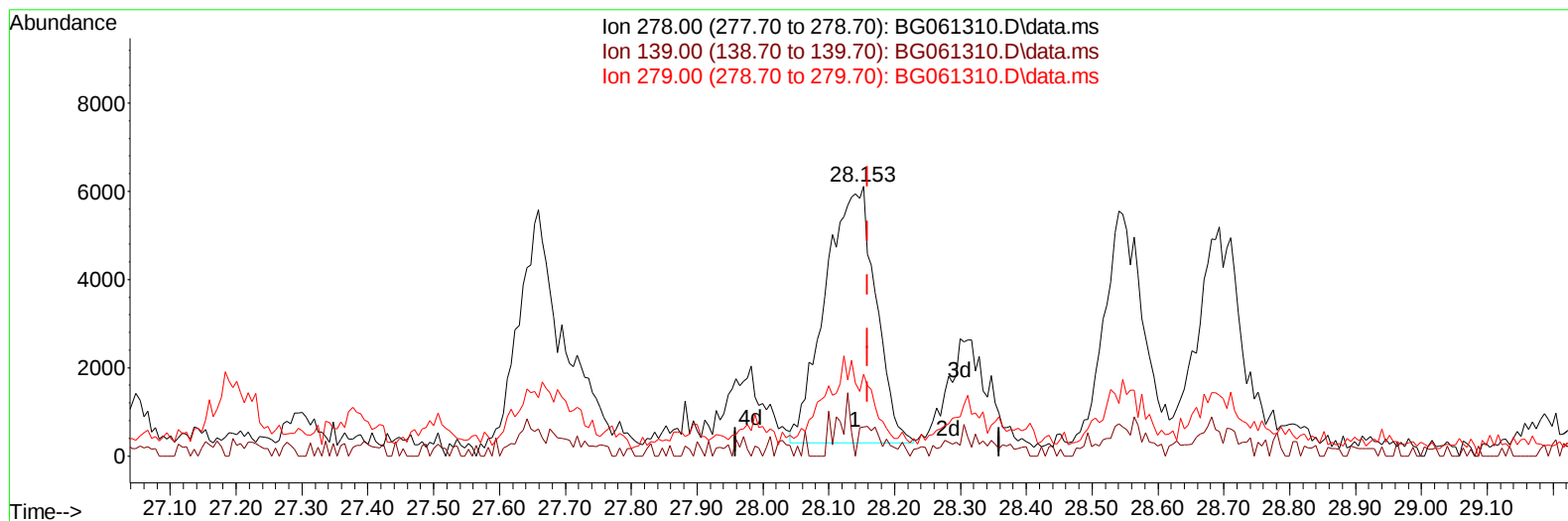
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
Data File : BG061310.D
Acq On : 28 May 2024 22:07
Operator : MA/JU
Sample : P2568-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH633

Manual IntegrationsAPPROVED

Quant Time: May 28 23:16:04 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
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Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



TIC: BG061310.D\data.ms

(95) Dibenzo(a,h)anthracene

28.153min (-0.006) 2.20 ng/u1 m

response 30836

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	10.72#
279.00	24.90	30.27#
0.00	0.00	0.00

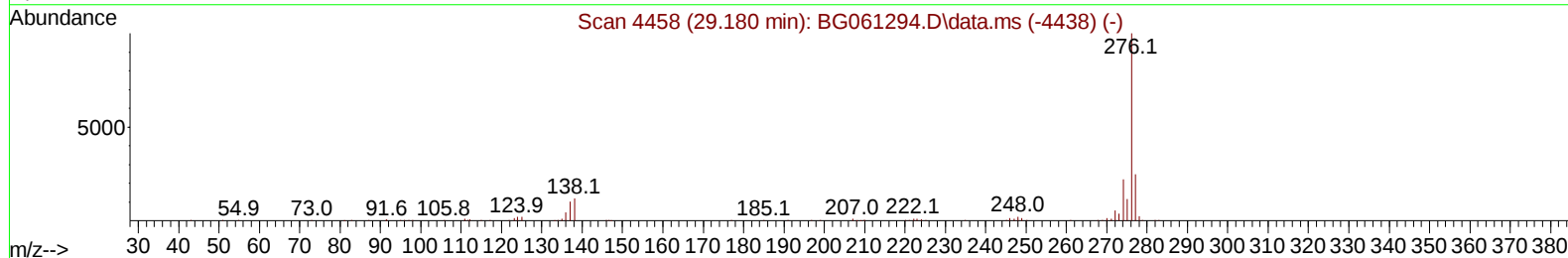
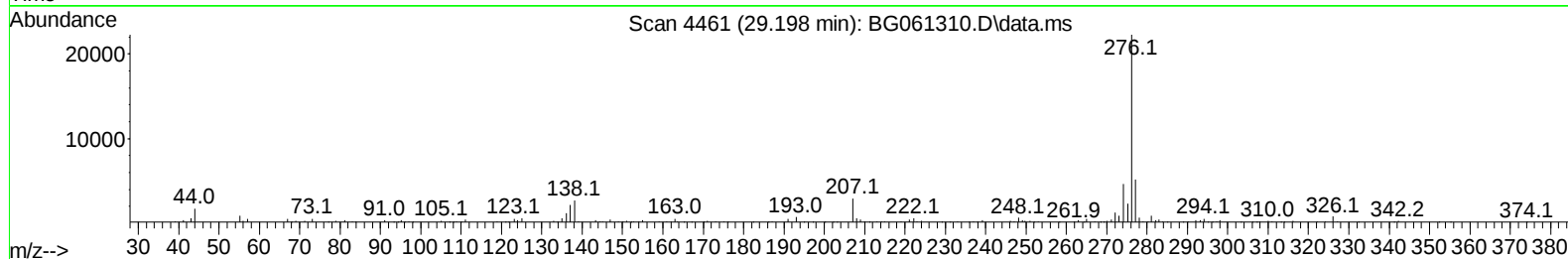
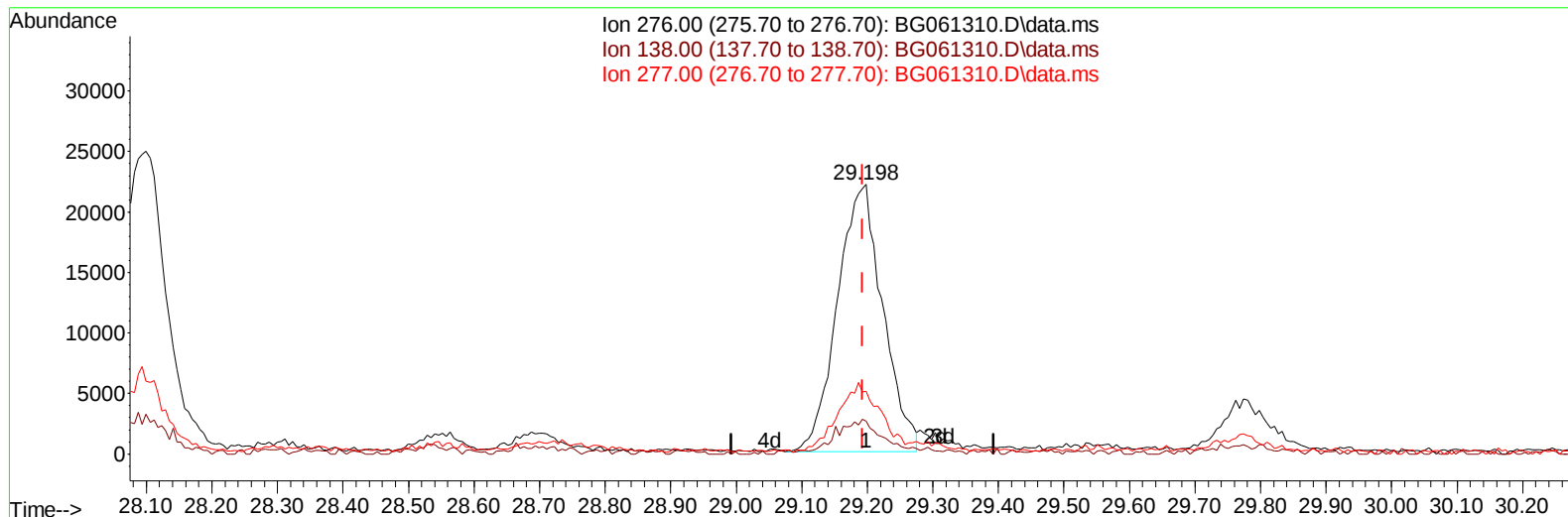
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
Data File : BG061310.D
Acq On : 28 May 2024 22:07
Operator : MA/JU
Sample : P2568-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH633

Manual IntegrationsAPPROVED

Quant Time: May 28 23:18:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
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Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



TIC: BG061310.D\data.ms

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

29.198min (+ 0.005) 7.88 ng/u1

response 106632

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	12.22
277.00	22.70	23.29
0.00	0.00	0.00

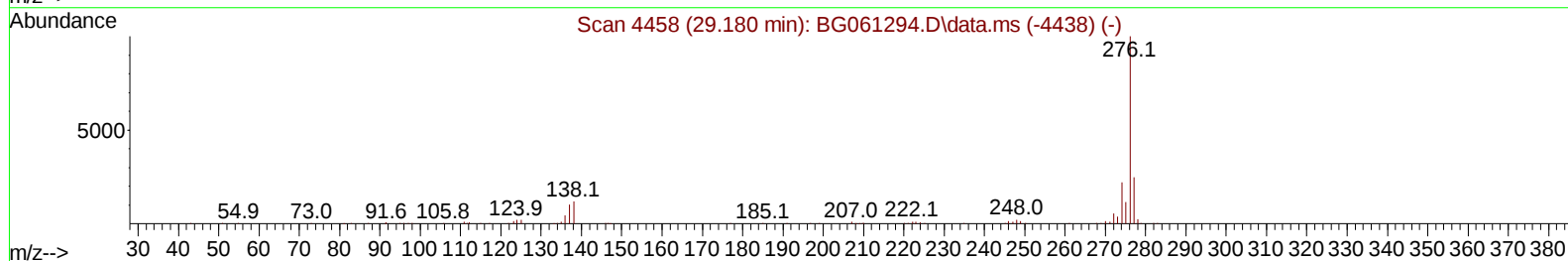
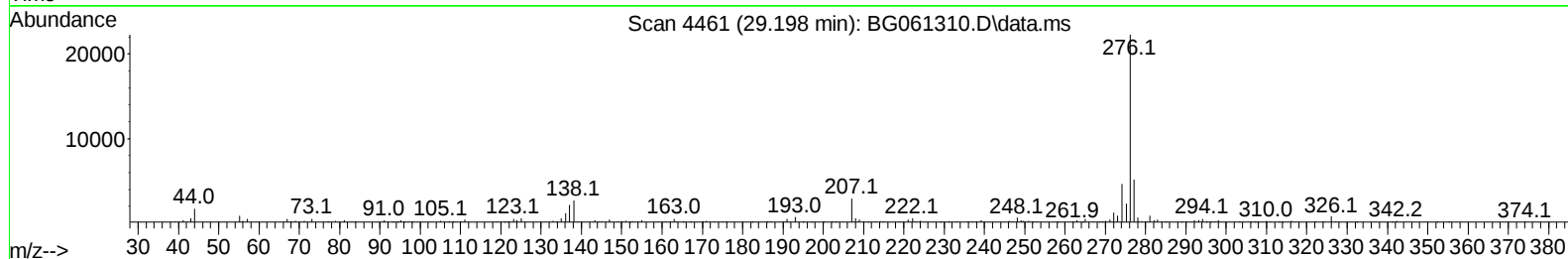
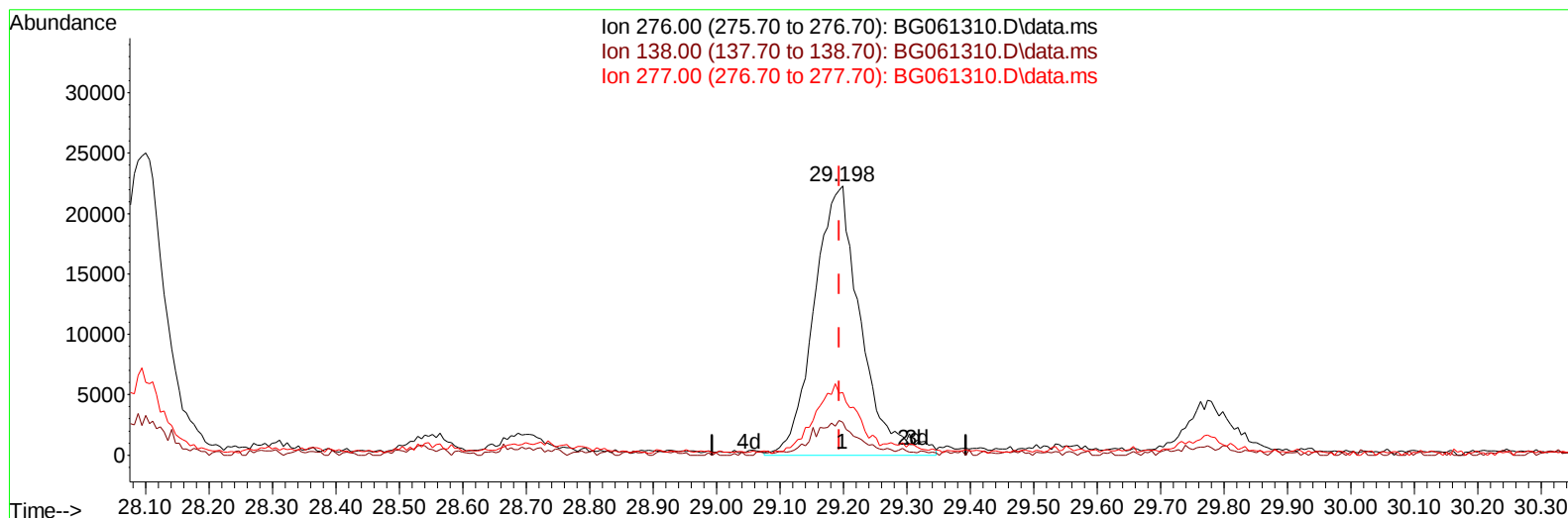
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
Data File : BG061310.D
Acq On : 28 May 2024 22:07
Operator : MA/JU
Sample : P2568-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH633

Manual IntegrationsAPPROVED

Quant Time: May 28 23:18:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
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TIC: BG061310.D\data.ms

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

29.198min (+ 0.005) 8.41 ng/u1 m

response 113861

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	12.22
277.00	22.70	23.29
0.00	0.00	0.00

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 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.882	152	27852	20.000	ng/ul	0.00
20) Naphthalene-d8	10.679	136	122623	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.516	164	93203	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	215508	20.000	ng/ul	0.00
79) Chrysene-d12	21.513	240	218781	20.000	ng/ul	0.00
88) Perylene-d12	24.604	264	248897	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	2550	5.124	ng/uL	0.00
4) Pyridine-d5	3.746	84	30088	16.993	ng/ul	0.00
7) Phenol-d5	7.066	99	56841	24.852	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.212	67	35796	24.900	ng/ul	0.00
11) 2-Chlorophenol-d4	7.418	132	45586	26.930	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	45651	23.407	ng/ul	0.00
21) Nitrobenzene-d5	9.040	128	22879	24.233	ng/ul	0.00
24) 2-Nitrophenol-d4	9.762	143	26674	24.141	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	54207	25.165	ng/ul	0.00
31) 4-Chloroaniline-d4	10.814	131	51488	18.270	ng/ul	0.00
46) Dimethylphthalate-d6	13.922	166	183978	25.451	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	203250	27.045	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	19763	22.114	ng/ul	0.00
60) Fluorene-d10	15.509	176	162148	25.982	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	26632	20.432	ng/ul	0.00
73) Anthracene-d10	17.365	188	257844	27.138	ng/ul	0.00
81) Pyrene-d10	19.657	212	307310	27.357	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.392	264	330949	27.658	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.306	178	114292	10.927	ng/ul	99
74) Anthracene	17.395	178	18796m	1.738	ng/ul	
77) Carbazole	17.671	167	11546	1.313	ng/ul	99
78) Di-n-butylphthalate	18.229	149	13772	1.249	ng/ul	98
80) Fluoranthene	19.322	202	309485	22.966	ng/ul	99
82) Pyrene	19.686	202	285899	20.439	ng/ul	100
83) Butylbenzylphthalate	20.573	149	11847	2.465	ng/ul#	85
85) Benzo(a)anthracene	21.496	228	171407	11.354	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.413	149	65138	9.158	ng/ul#	98
87) Chrysene	21.560	228	182707	13.144	ng/ul	97
90) Benzo(b)fluoranthene	23.628	252	233079	15.728	ng/ul	98
91) Benzo(k)fluoranthene	23.687	252	80099m	5.324	ng/ul	
93) Benzo(a)pyrene	24.457	252	158061	11.232	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.100	276	112043	6.584	ng/ul#	94
95) Dibenzo(a,h)anthracene	28.153	278	30836m	2.198	ng/ul	
96) Benzo(g,h,i)perylene	29.198	276	113861m	8.411	ng/ul	

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

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