

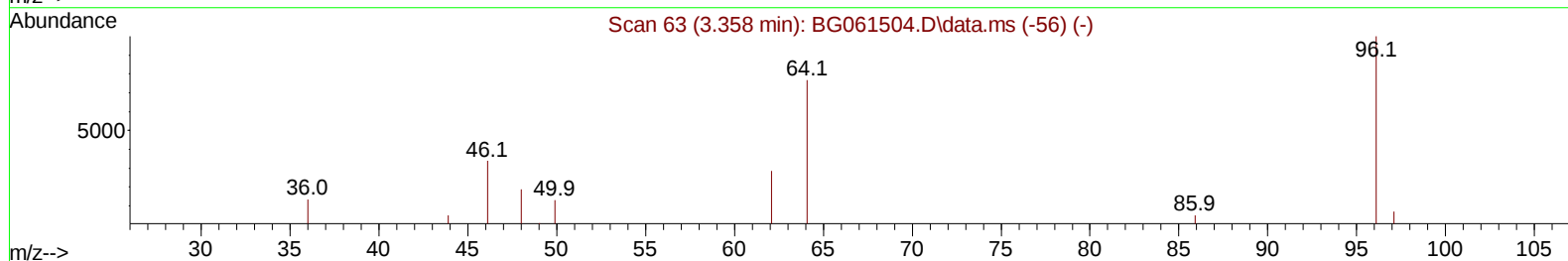
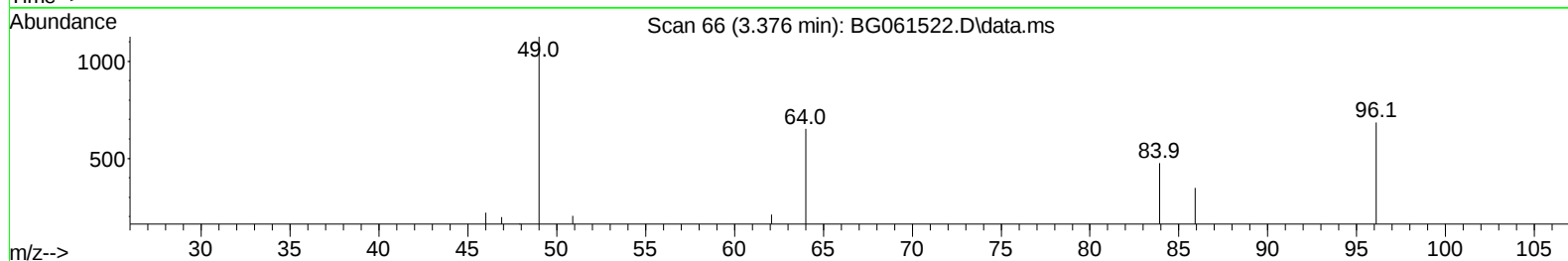
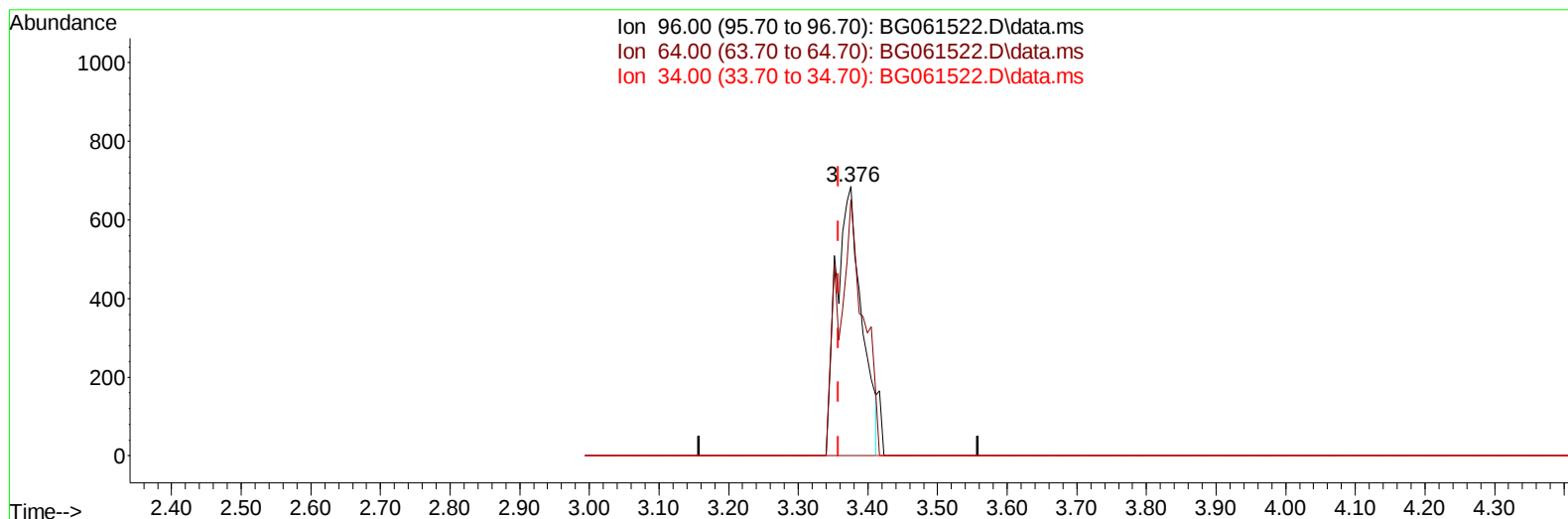
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061522.D
Acq On : 6 Jun 2024 23:13
Operator : MA/JU
Sample : P2634-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBW9

Manual IntegrationsAPPROVED

Quant Time: Jun 07 00:11:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



TIC: BG061522.D\data.ms

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

3.376min (+ 0.018) 2.71 ng/uL

response 1723

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	91.80	95.18
34.00	0.00	0.00
0.00	0.00	0.00

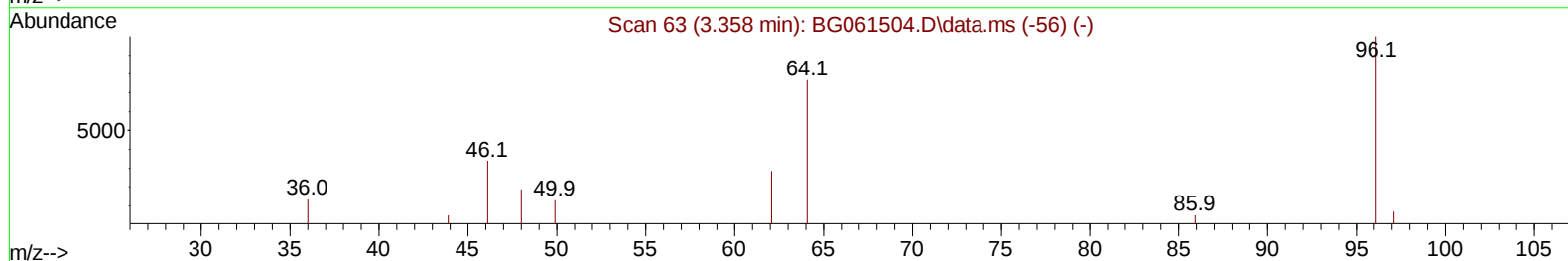
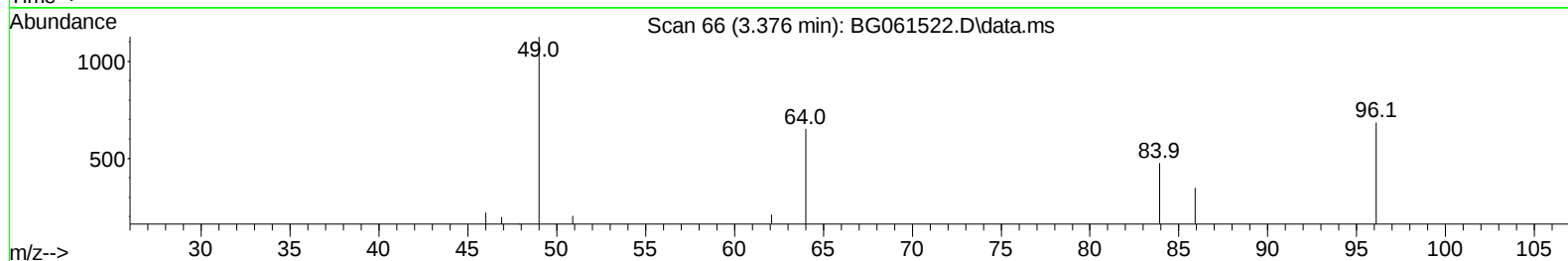
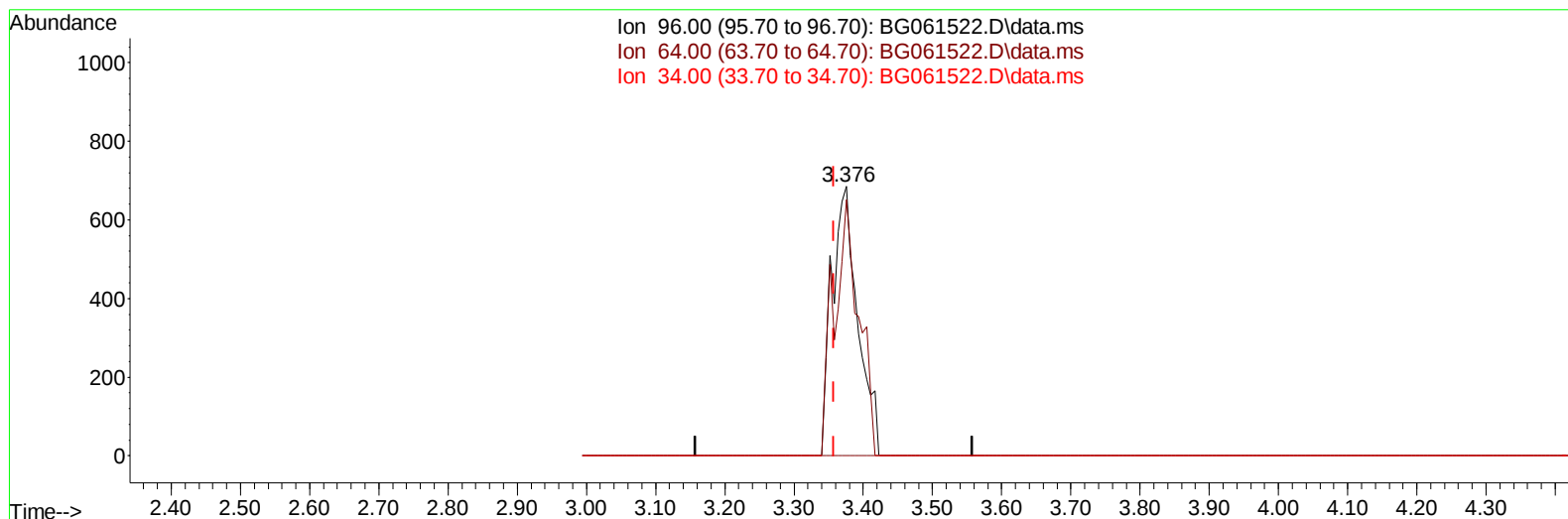
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061522.D
Acq On : 6 Jun 2024 23:13
Operator : MA/JU
Sample : P2634-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

Quant Time: Jun 07 00:11:16 2024
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Quant Title : SVOA CALIBRATION
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TIC: BG061522.D\data.ms

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

3.376min (+ 0.018) 2.80 ng/uL m

response 1781

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	91.80	95.18
34.00	0.00	0.00
0.00	0.00	0.00

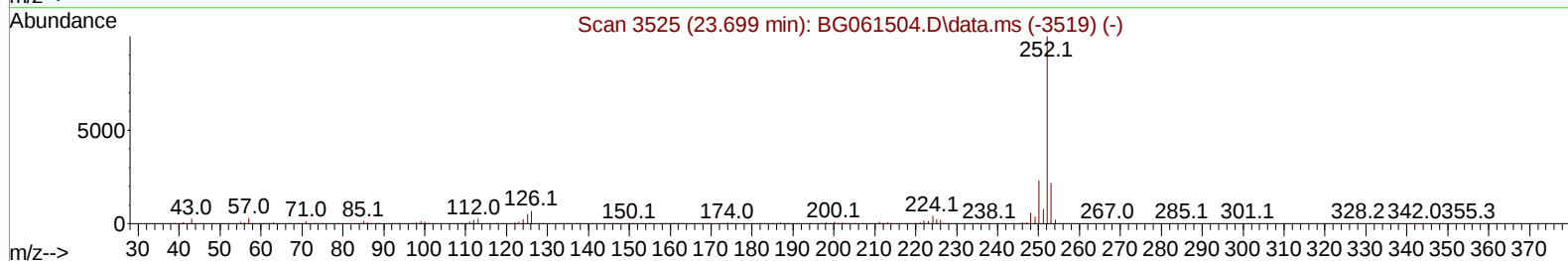
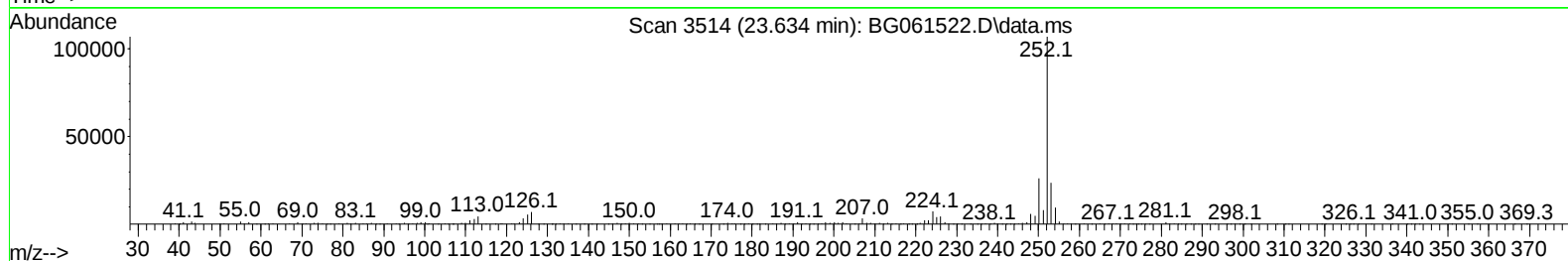
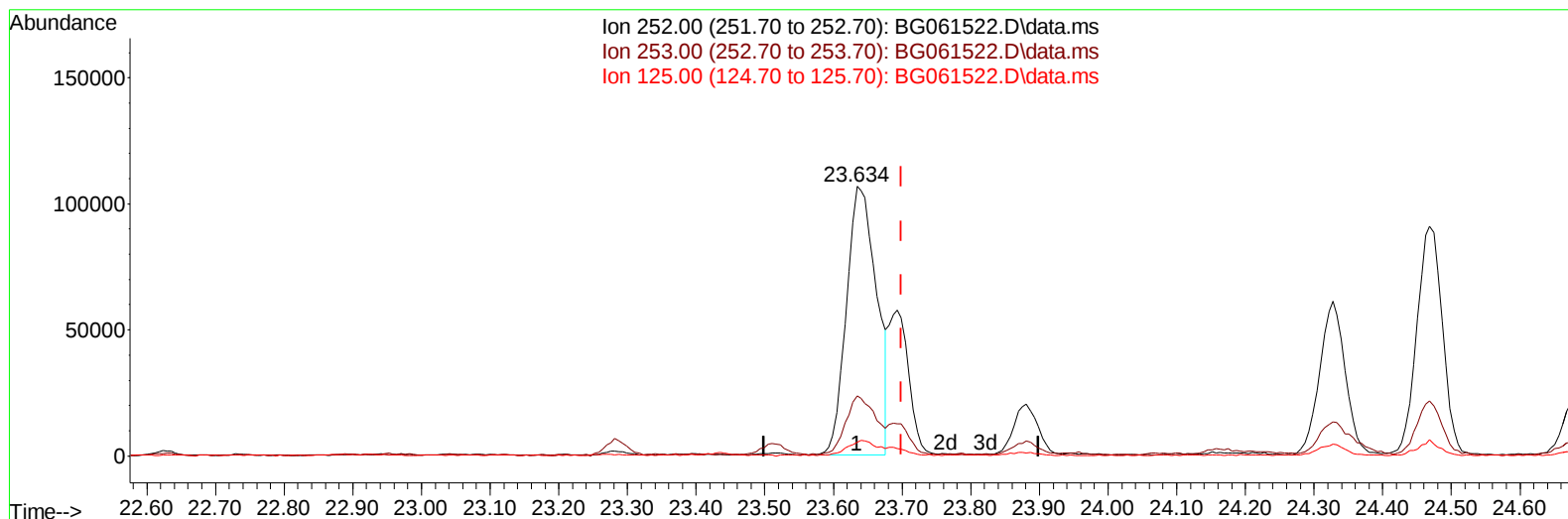
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Instrument :
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TIC: BG061522.D\data.ms

(91) Benzo(k)fluoranthene

23.634min (-0.065) 22.82 ng/u1

response 325396

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	22.32
125.00	5.40	5.08
0.00	0.00	0.00

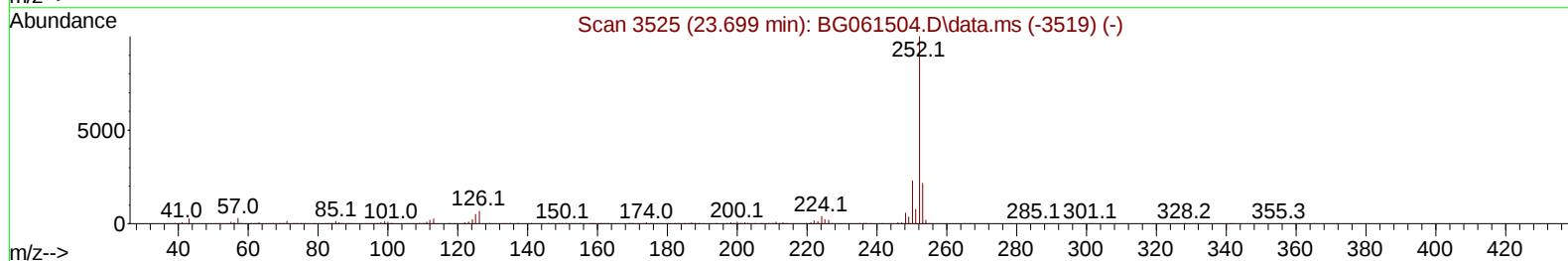
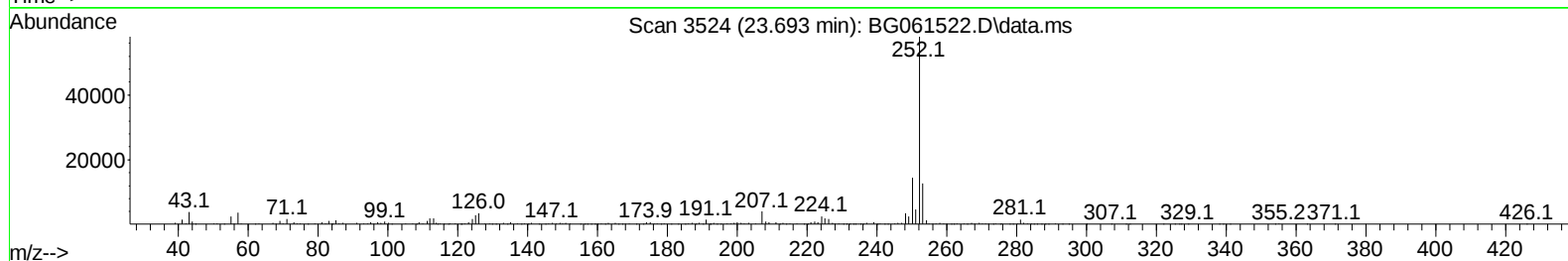
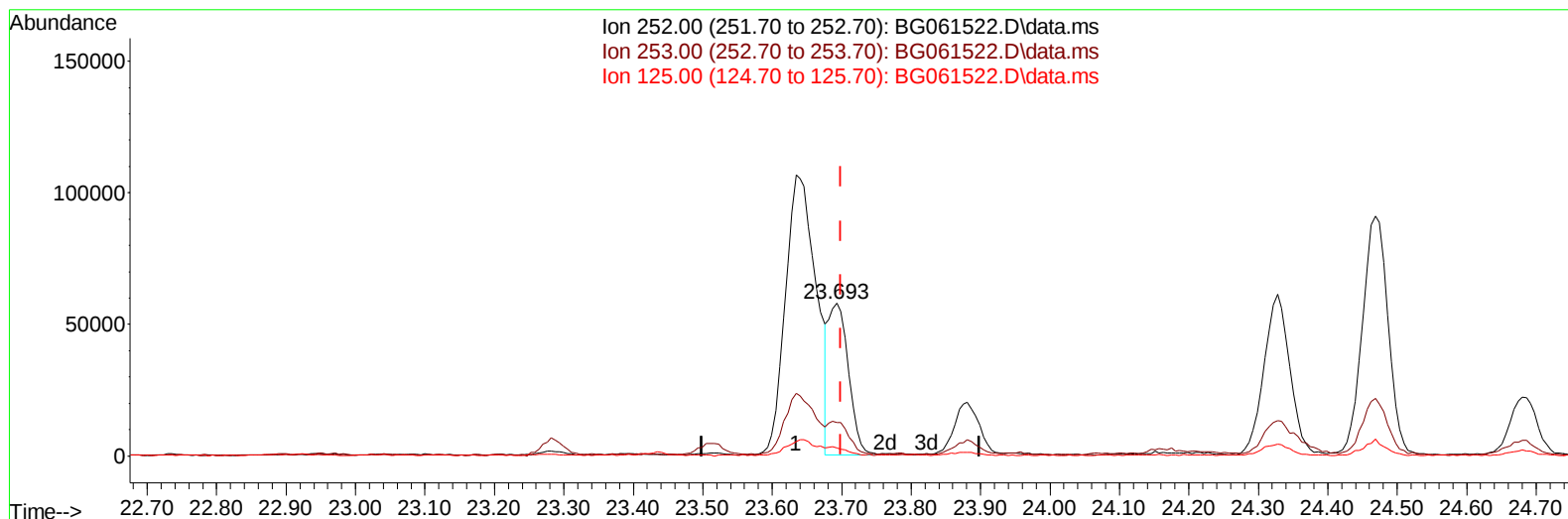
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061522.D
Acq On : 6 Jun 2024 23:13
Operator : MA/JU
Sample : P2634-03
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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TIC: BG061522.D\data.ms

(91) Benzo(k)fluoranthene

23.693min (-0.006) 8.15 ng/u1 m

response 116220

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	22.01
125.00	5.40	5.12
0.00	0.00	0.00

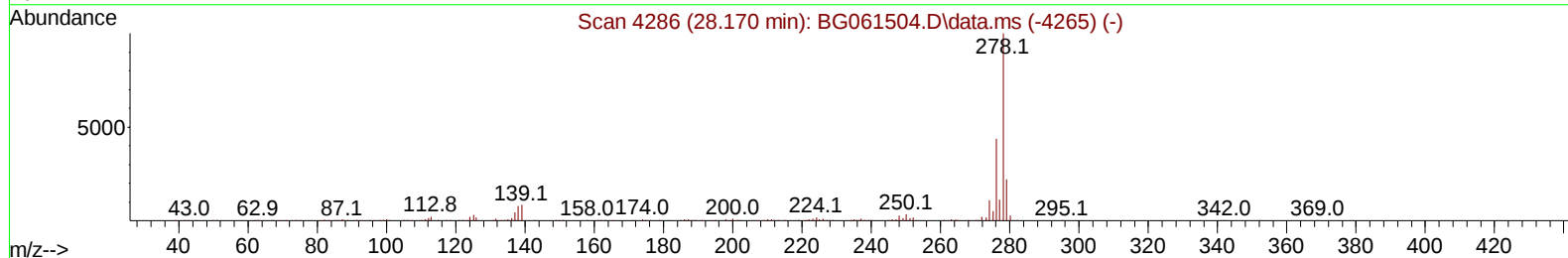
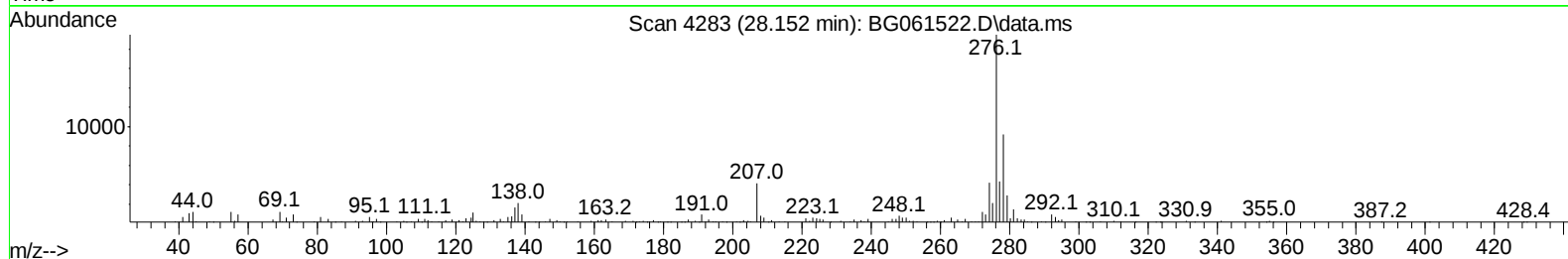
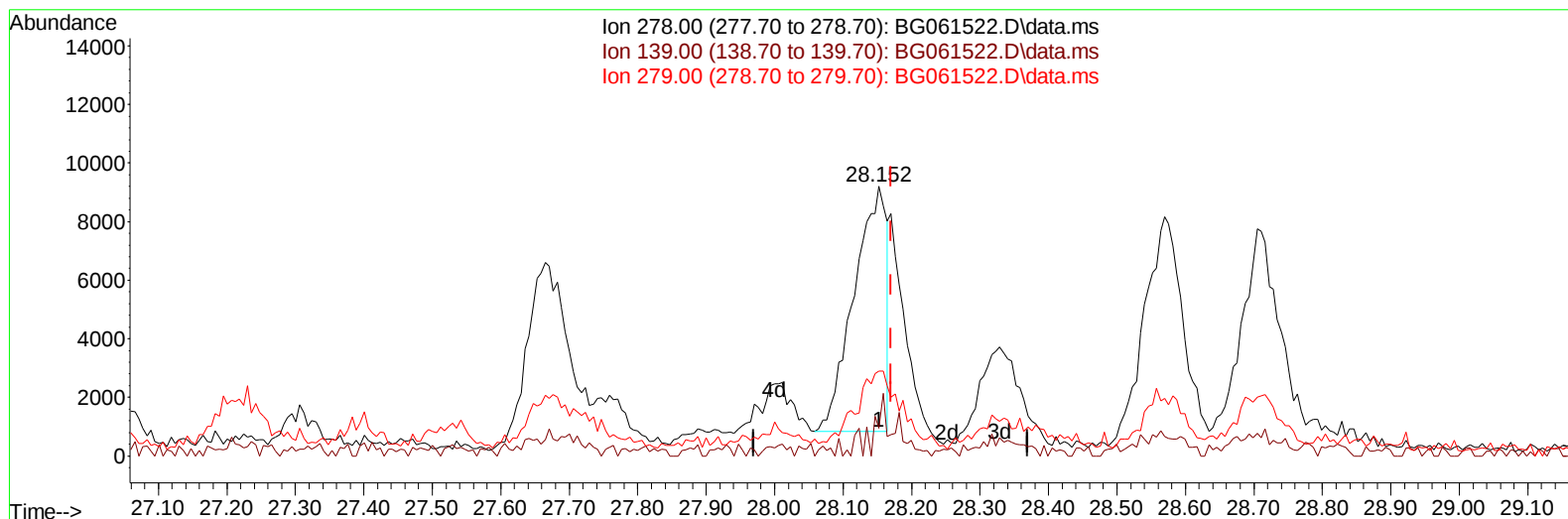
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061522.D
Acq On : 6 Jun 2024 23:13
Operator : MA/JU
Sample : P2634-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG061522.D\data.ms

(95) Dibenzo(a,h)anthracene

28.152min (-0.018) 2.08 ng/u1

response 27604

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	10.27#
279.00	24.90	31.43#
0.00	0.00	0.00

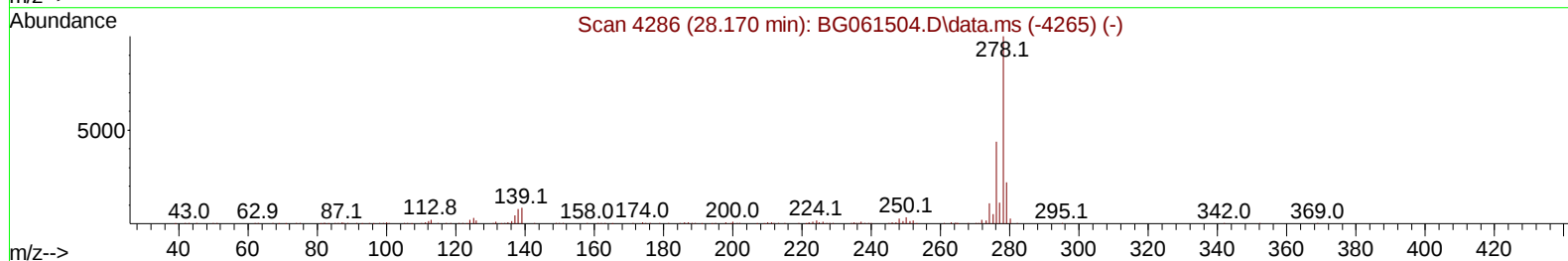
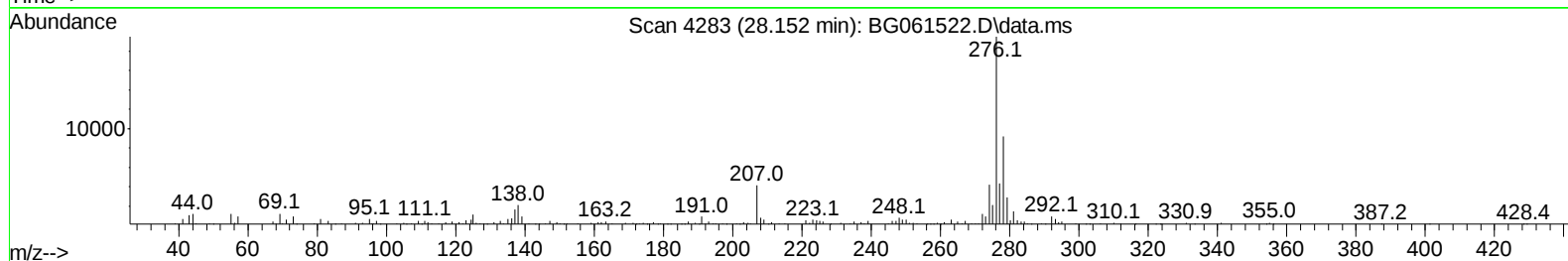
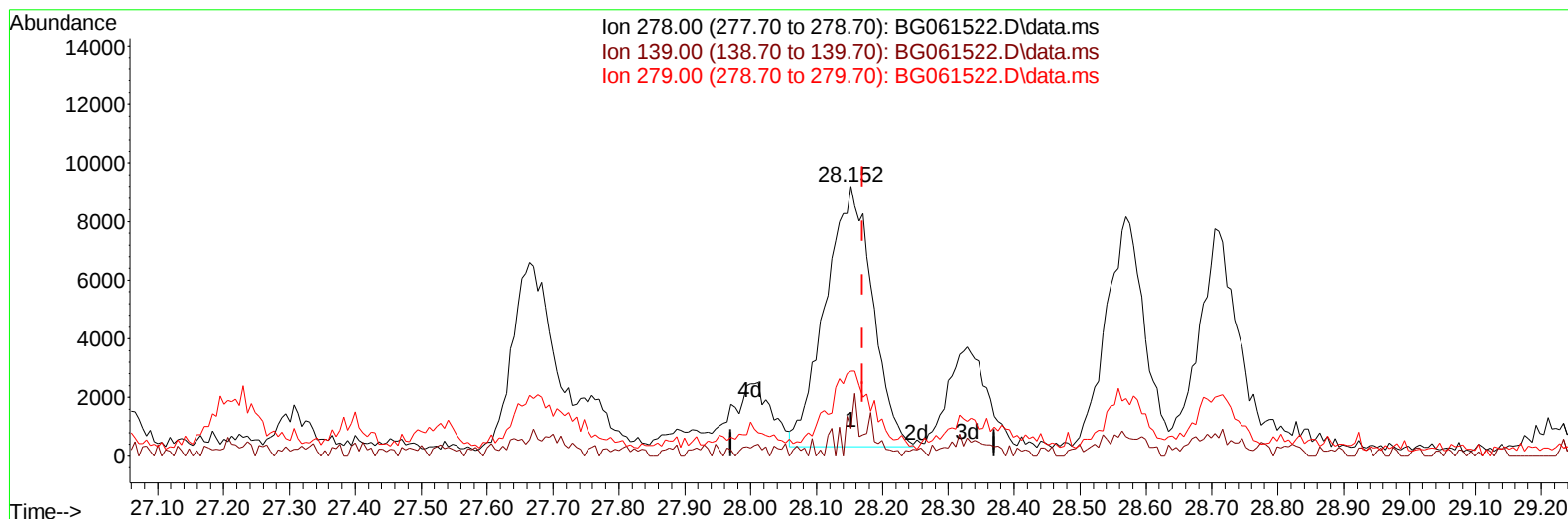
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061522.D
Acq On : 6 Jun 2024 23:13
Operator : MA/JU
Sample : P2634-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBW9

Manual IntegrationsAPPROVED

Quant Time: Jun 07 00:11:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



TIC: BG061522.D\data.ms

(95) Dibenzo(a,h)anthracene

28.152min (-0.018) 3.32 ng/ul m

response 44089

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	10.27#
279.00	24.90	31.43#
0.00	0.00	0.00

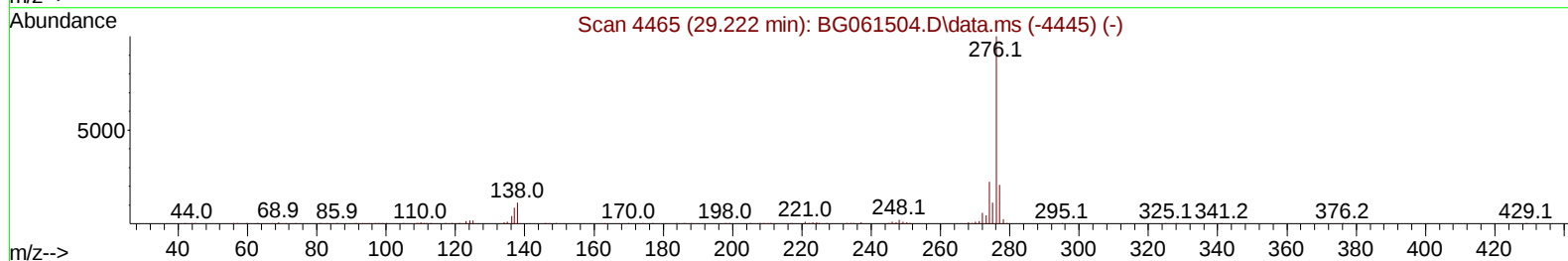
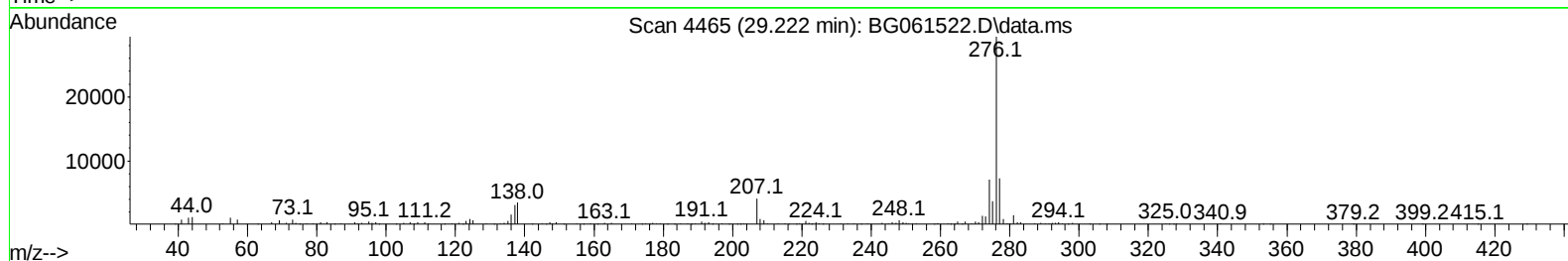
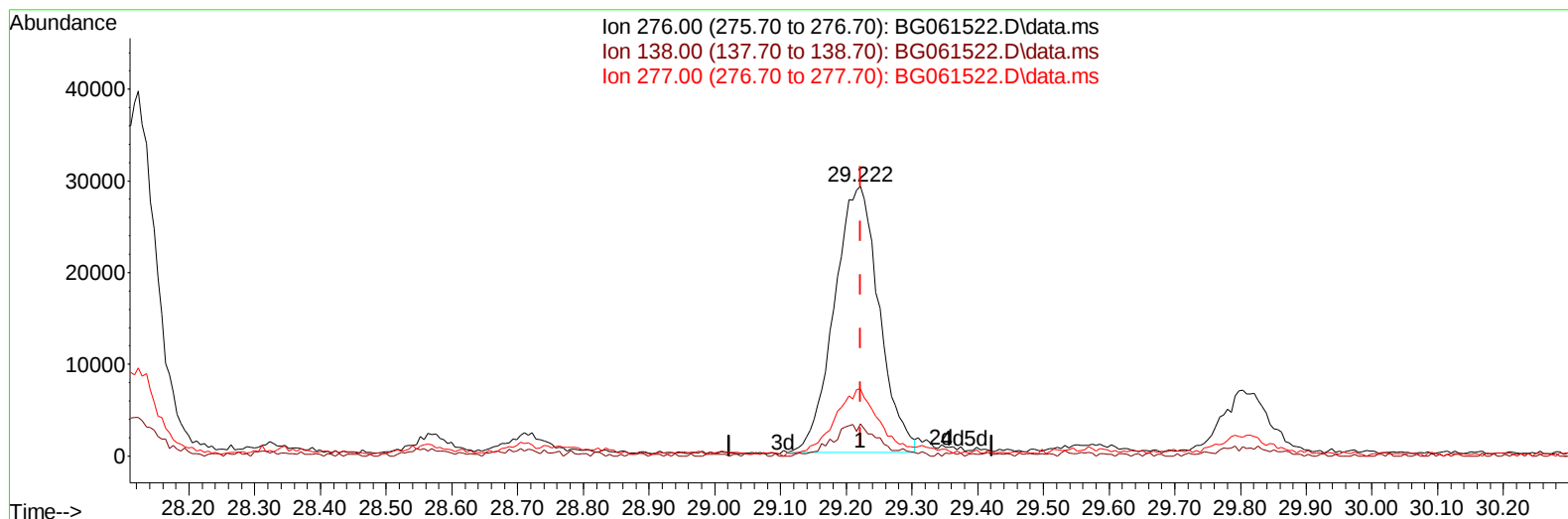
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
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Acq On : 6 Jun 2024 23:13
Operator : MA/JU
Sample : P2634-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jun 07 00:11:16 2024
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Reviewed By :Jagrut Upadhyay 06/07/2024
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TIC: BG061522.D\data.ms

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

29.222min (-0.000) 10.71 ng/u1

response 137419

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	11.89
277.00	22.70	24.87
0.00	0.00	0.00

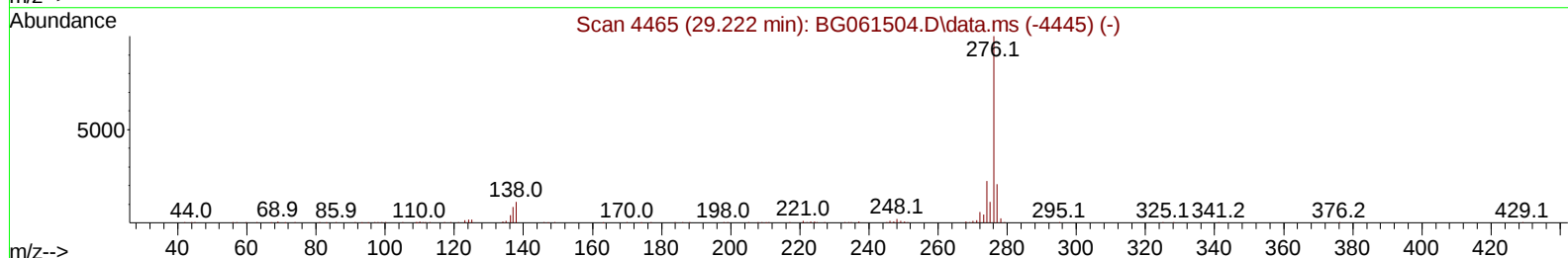
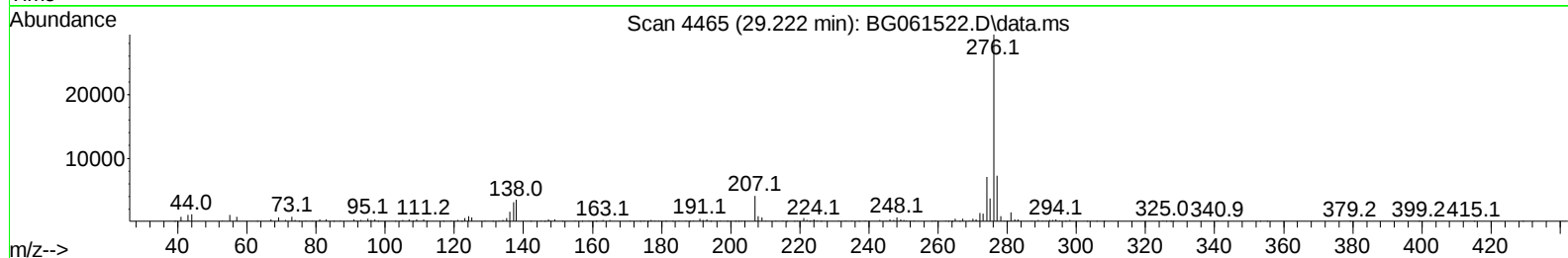
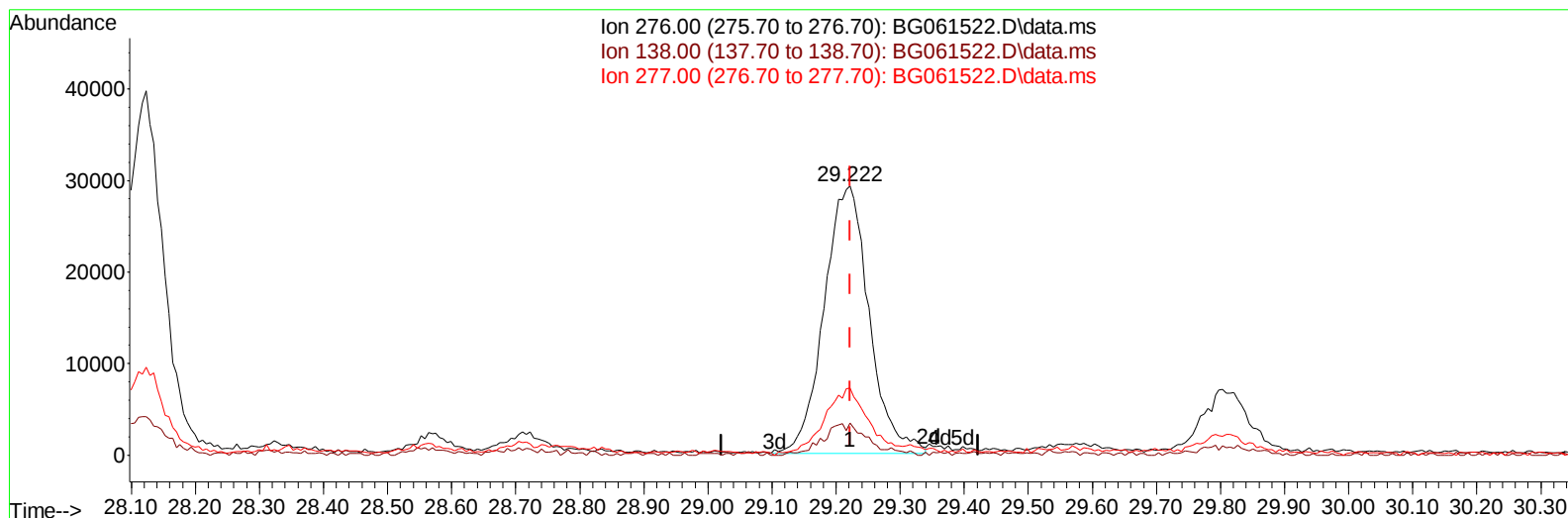
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Data File : BG061522.D
Acq On : 6 Jun 2024 23:13
Operator : MA/JU
Sample : P2634-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBW9

Manual IntegrationsAPPROVED

Quant Time: Jun 07 00:11:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
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Supervised By :mohammad ahmed 06/08/2024



TIC: BG061522.D\data.ms

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

29.222min (-0.000) 11.12 ng/ul m

response 142620

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	11.89
277.00	22.70	24.87
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
 Data File : BG061522.D
 Acq On : 6 Jun 2024 23:13
 Operator : MA/JU
 Sample : P2634-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBW9

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024

Quant Time: Jun 07 00:13:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 12:15:45 2024
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.882	152		35575	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136		122254	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.510	164		85190	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.259	188		191072	20.000	ng/ul	0.00
79) Chrysene-d12	21.519	240		205968	20.000	ng/ul	0.00
88) Perylene-d12	24.615	264		235884	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.376	96		1781m	2.802	ng/uL	0.02
4) Pyridine-d5	3.775	84		33189	14.675	ng/ul	0.00
7) Phenol-d5	7.071	99		62388	21.355	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.212	67		36038	19.626	ng/ul	0.00
11) 2-Chlorophenol-d4	7.424	132		50655	23.429	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113		49977	20.062	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128		27476	29.190	ng/ul	0.00
24) 2-Nitrophenol-d4	9.756	143		32749	29.728	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.309	165		60807	28.314	ng/ul	0.00
31) 4-Chloroaniline-d4	10.808	131		52000	18.508	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166		186593	28.241	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160		205402	29.903	ng/ul	0.00
54) 4-Nitrophenol-d4	14.762	143		18519	22.671	ng/ul	0.00
60) Fluorene-d10	15.503	176		163929	28.738	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200		15134	13.096	ng/ul	0.00
73) Anthracene-d10	17.359	188		259121	30.761	ng/ul	0.00
81) Pyrene-d10	19.657	212		314238	29.714	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.404	264		341106	30.079	ng/ul	0.00
Target Compounds							
						Qvalue	
50) Acenaphthylene	14.233	152		15201	1.996	ng/ul	92
72) Phenanthrene	17.300	178		127551	13.754	ng/ul	99
74) Anthracene	17.394	178		17073	1.781	ng/ul	96
77) Carbazole	17.671	167		11194	1.435	ng/ul	93
80) Fluoranthene	19.322	202		367635	28.978	ng/ul	98
82) Pyrene	19.686	202		355375	26.986	ng/ul	98
83) Butylbenzylphthalate	20.573	149		463929	102.551	ng/ul	99
85) Benzo(a)anthracene	21.501	228		225120	15.840	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.407	149		52408	7.826	ng/ul#	96
87) Chrysene	21.566	228		238541	18.229	ng/ul	98
90) Benzo(b)fluoranthene	23.634	252		325396	23.169	ng/ul	100
91) Benzo(k)fluoranthene	23.693	252		116220m	8.151	ng/ul	
93) Benzo(a)pyrene	24.469	252		231487	17.358	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	28.123	276		158950	9.856	ng/ul	99
95) Dibenzo(a,h)anthracene	28.152	278		44089m	3.315	ng/ul	
96) Benzo(g,h,i)perylene	29.222	276		142620m	11.116	ng/ul	

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

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