

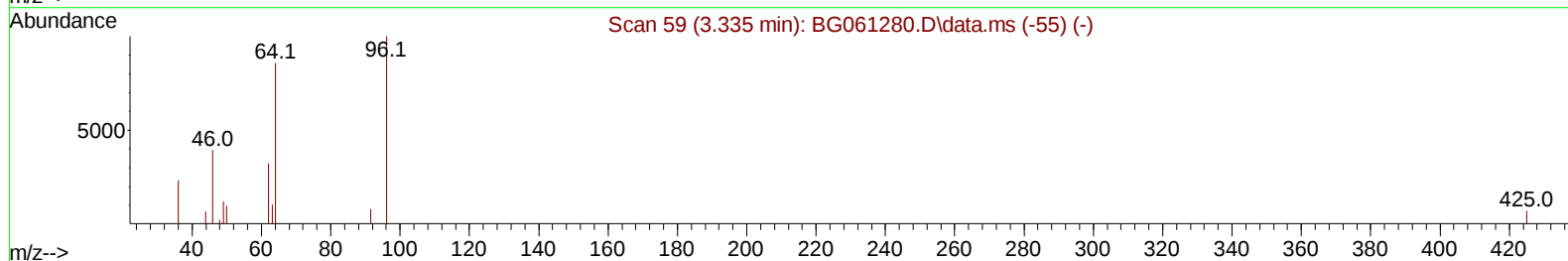
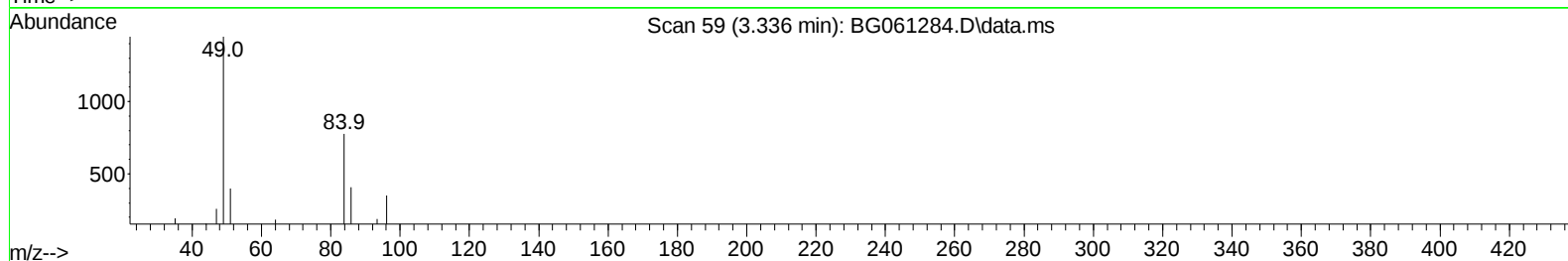
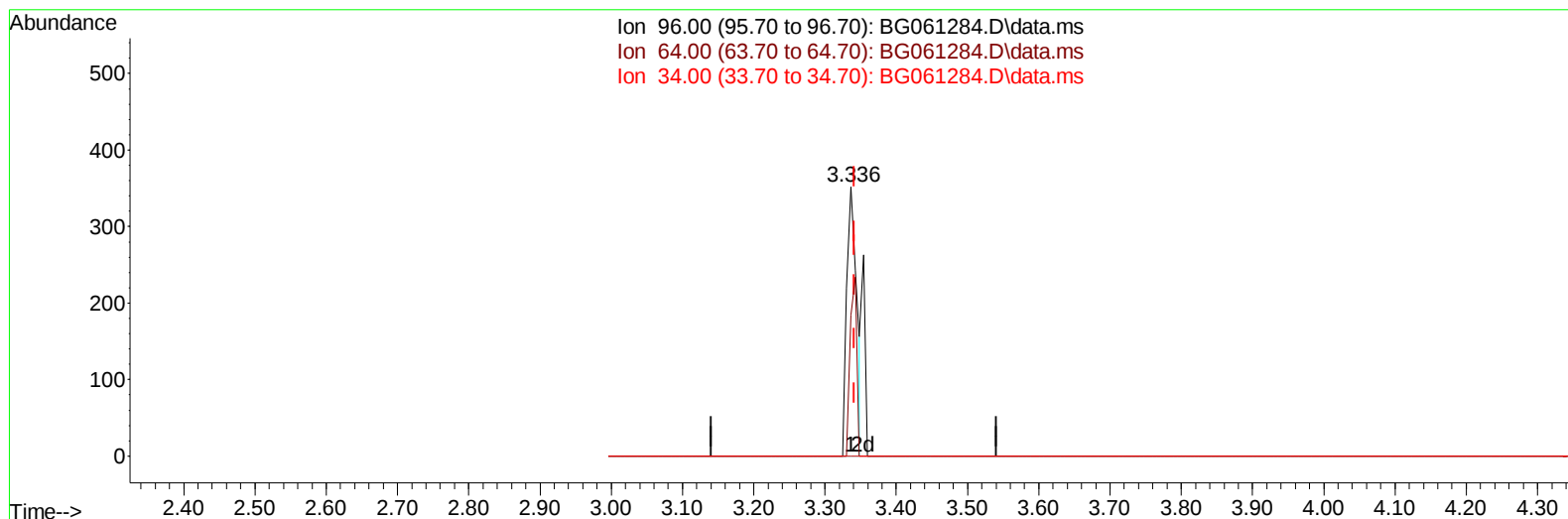
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
 Data File : BG061284.D
 Acq On : 24 May 2024 12:27
 Operator : MA/JU
 Sample : P2548-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5Y1

Manual IntegrationsAPPROVED

Quant Time: May 24 23:48:04 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 :Yogesh Patel 05/25/2024
 Supervised By :mohammad ahmed 05/27/2024



TIC: BG061284.D\data.ms

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

3.336min (-0.005) 0.80 ng/uL

response 342

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	91.80	52.27#
34.00	0.00	0.00
0.00	0.00	0.00

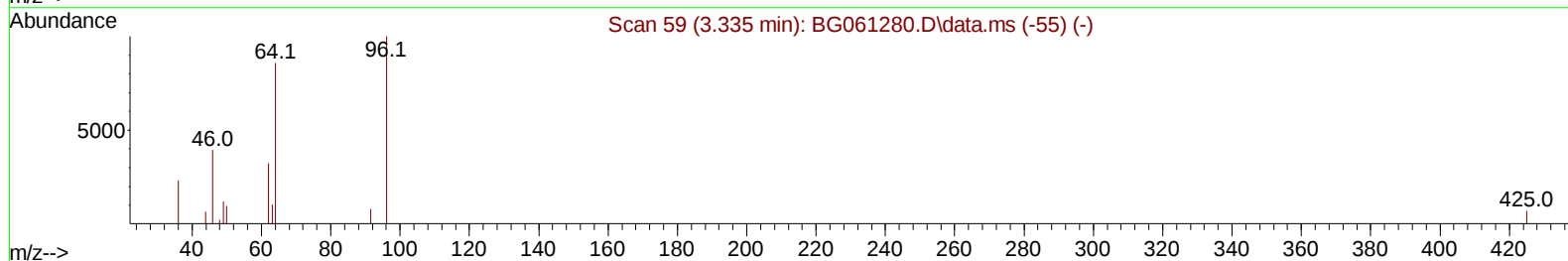
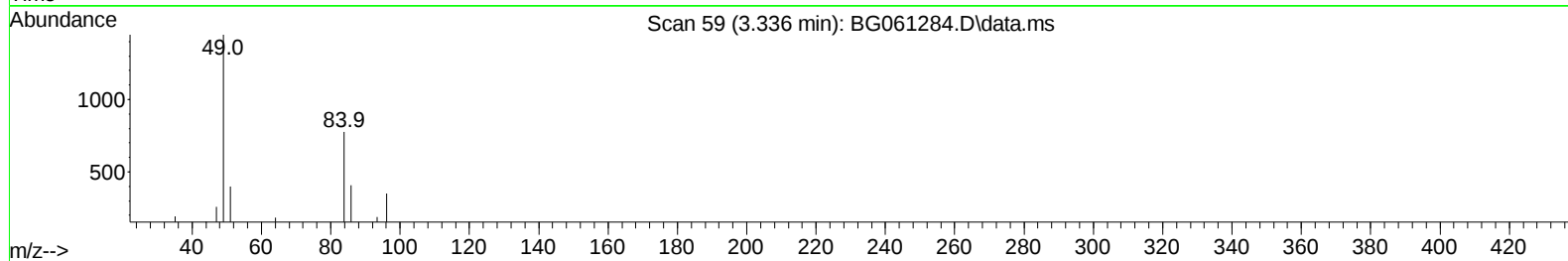
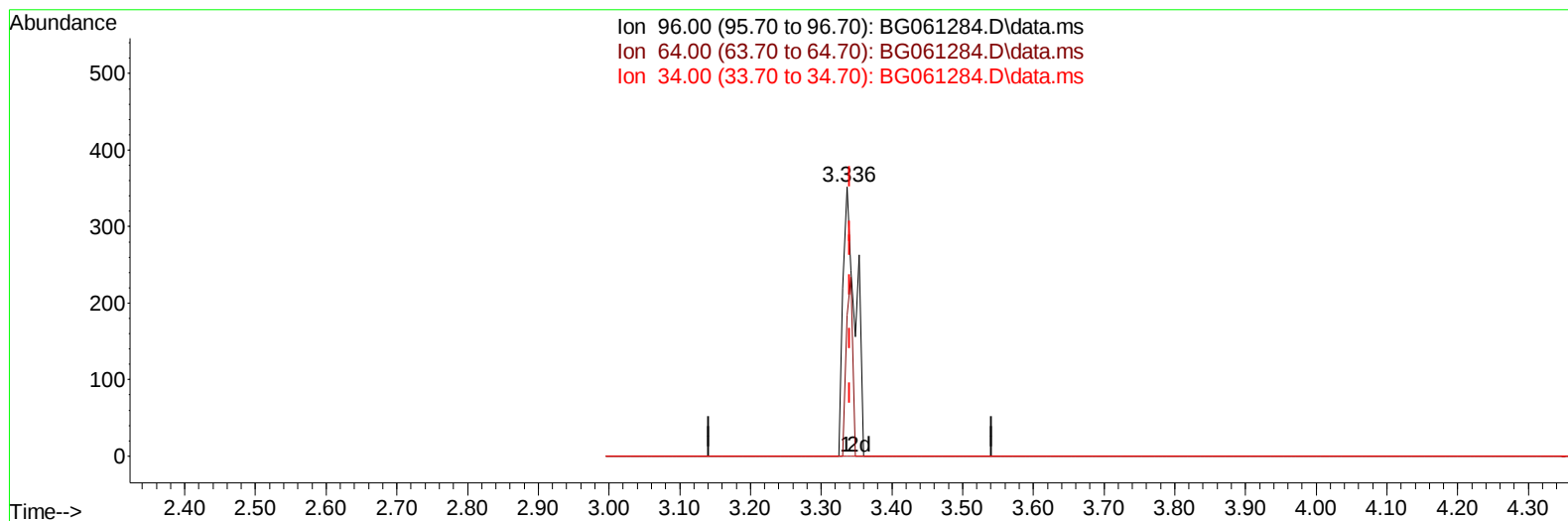
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
Data File : BG061284.D
Acq On : 24 May 2024 12:27
Operator : MA/JU
Sample : P2548-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Y1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024

Quant Time: May 24 23:48:04 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



TIC: BG061284.D\data.ms

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

3.336min (-0.005) 1.02 ng/uL m

response 435

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	91.80	52.27#
34.00	0.00	0.00
0.00	0.00	0.00

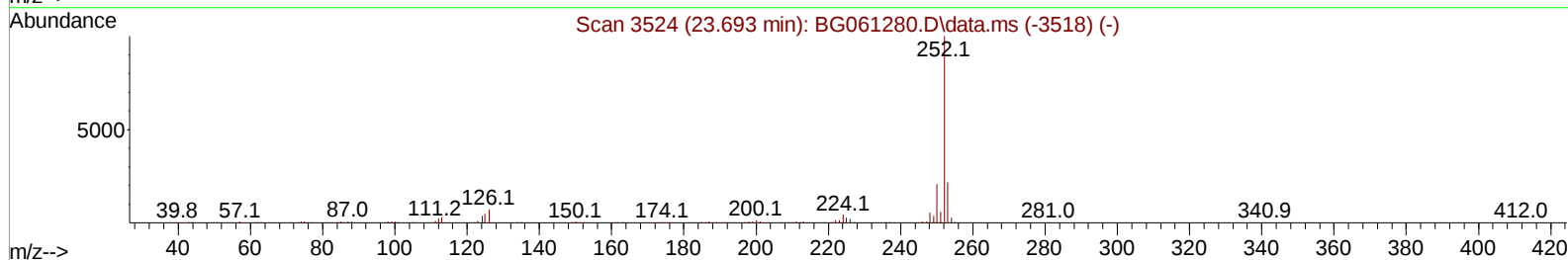
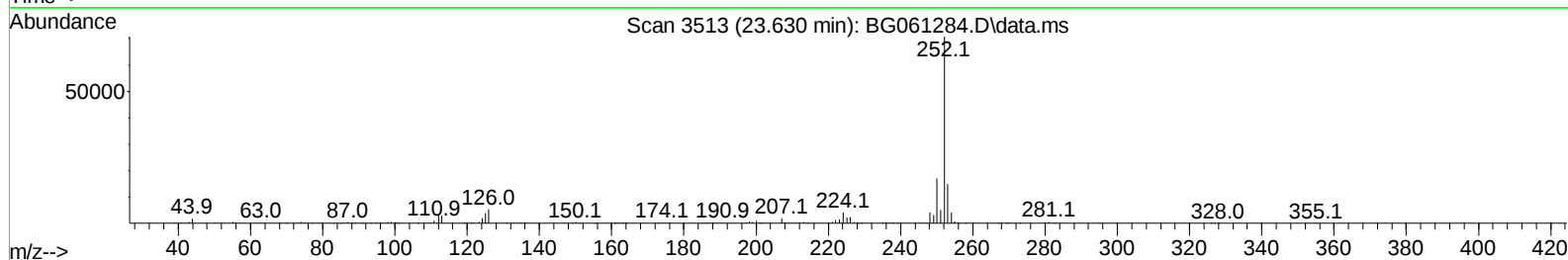
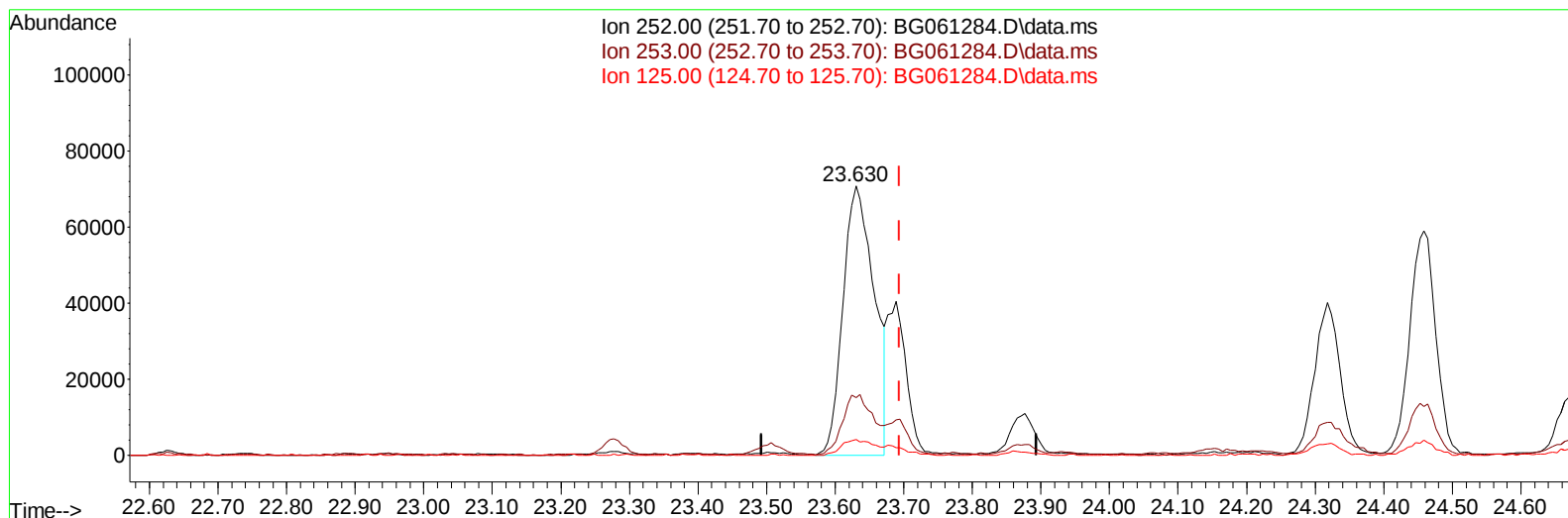
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
Data File : BG061284.D
Acq On : 24 May 2024 12:27
Operator : MA/JU
Sample : P2548-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Y1

Manual IntegrationsAPPROVED

Quant Time: May 24 23:48:04 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
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Supervised By :mohammad ahmed 05/27/2024



TIC: BG061284.D\data.ms

(91) Benzo(k)fluoranthene

23.630min (-0.063) 14.95 ng/u1

response 224156

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	21.36
125.00	5.40	5.70
0.00	0.00	0.00

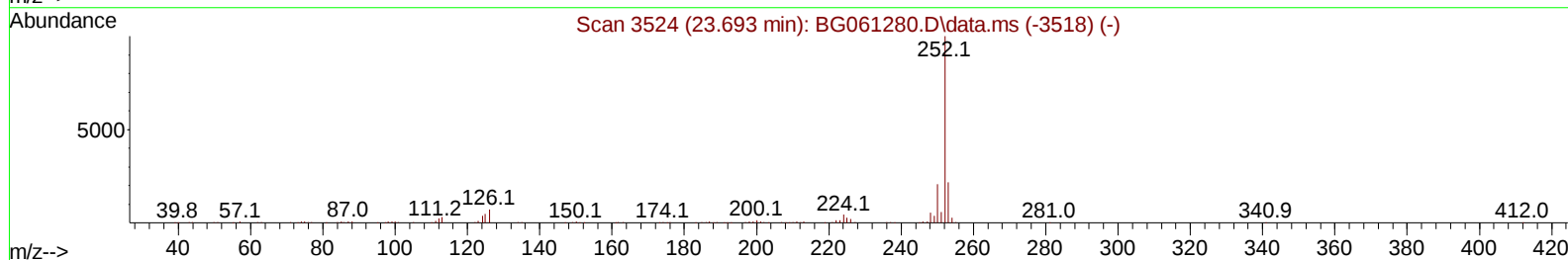
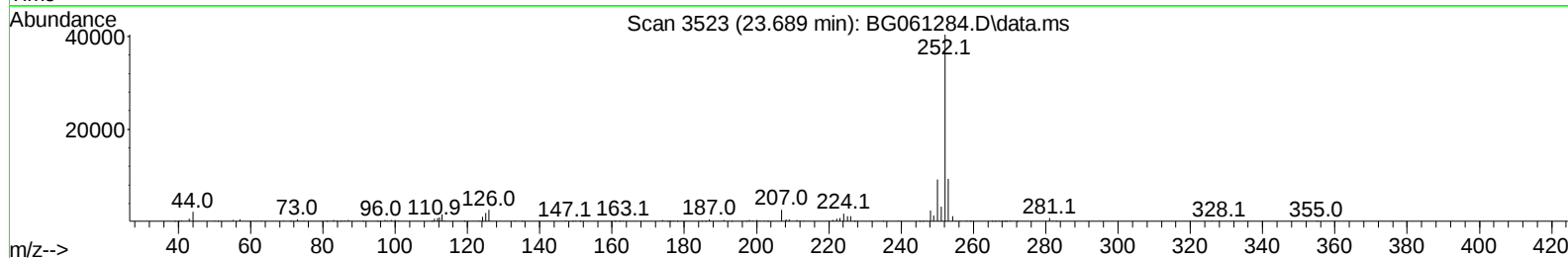
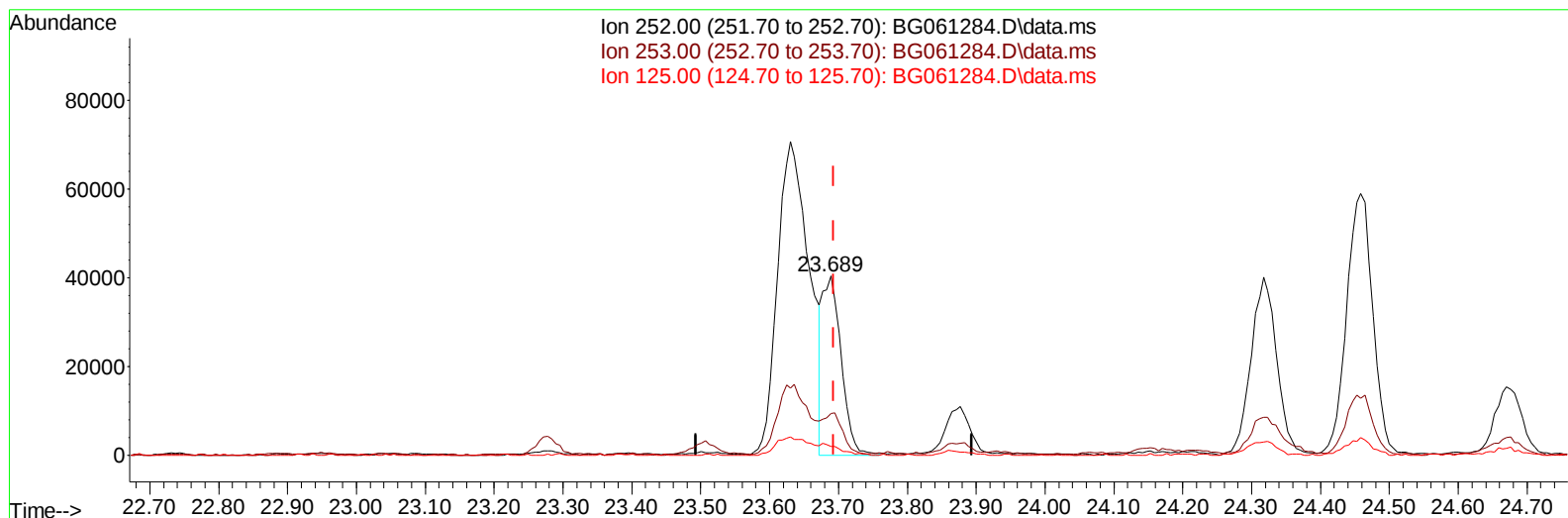
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
Data File : BG061284.D
Acq On : 24 May 2024 12:27
Operator : MA/JU
Sample : P2548-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Y1

Manual IntegrationsAPPROVED

Quant Time: May 24 23:48:04 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
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Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024



TIC: BG061284.D\data.ms

(91) Benzo(k)fluoranthene

23.689min (-0.005) 5.11 ng/u1 m

response 76689

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	23.07
125.00	5.40	4.77
0.00	0.00	0.00

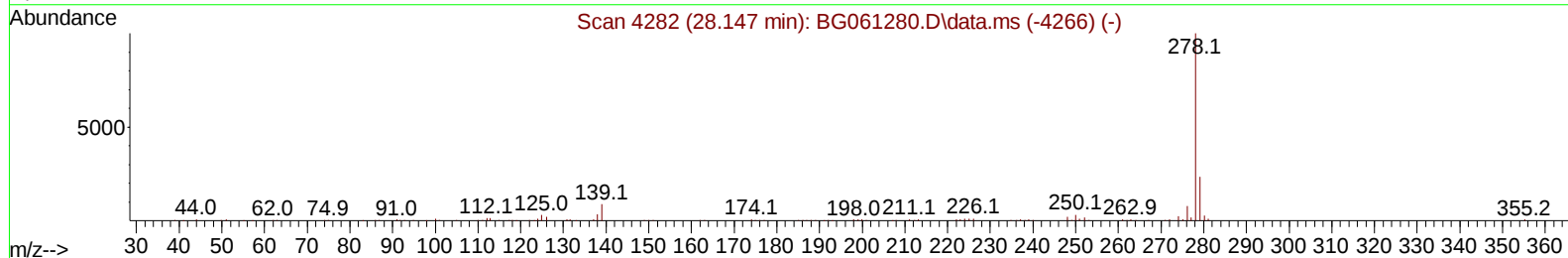
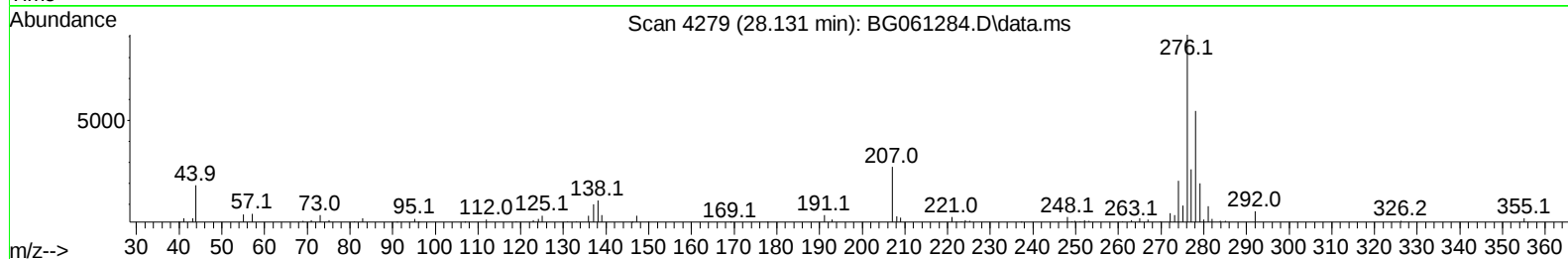
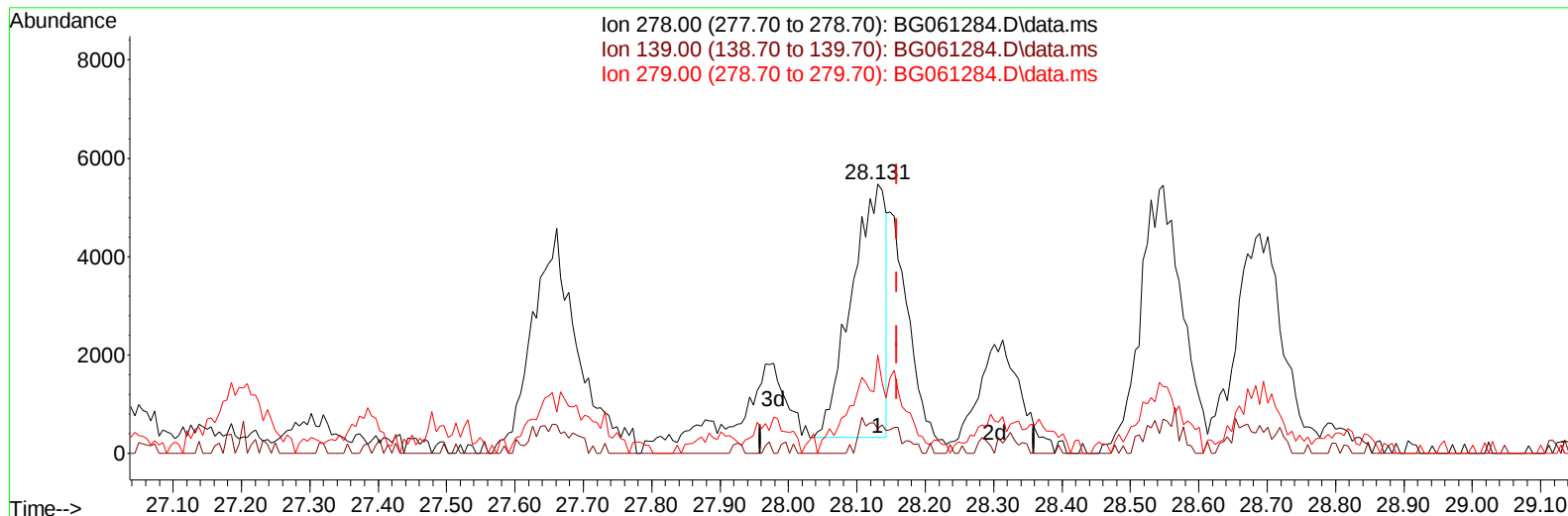
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
 Data File : BG061284.D
 Acq On : 24 May 2024 12:27
 Operator : MA/JU
 Sample : P2548-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5Y1

Manual IntegrationsAPPROVED

Quant Time: May 25 00:11:55 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 :Yogesh Patel 05/25/2024
 Supervised By :mohammad ahmed 05/27/2024



TIC: BG061284.D\data.ms

(95) Dibenzo(a,h)anthracene

28.131min (-0.028) 1.27 ng/u1

response 17785

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	9.06
279.00	24.90	36.47#
0.00	0.00	0.00

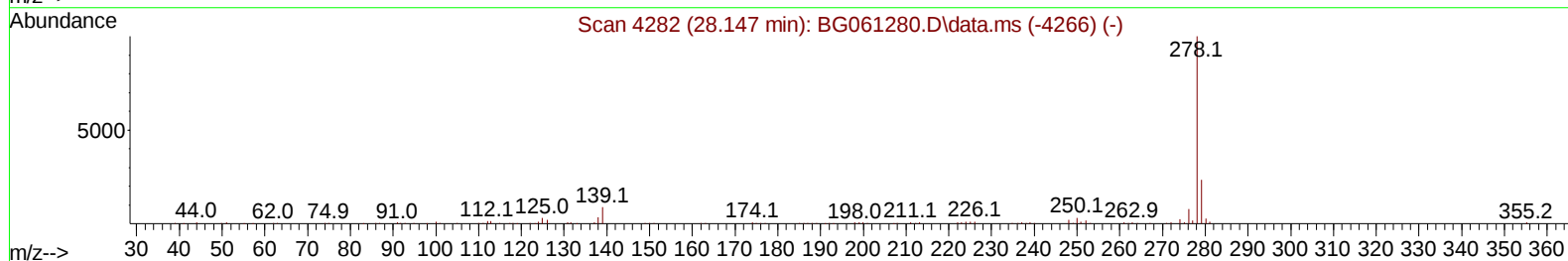
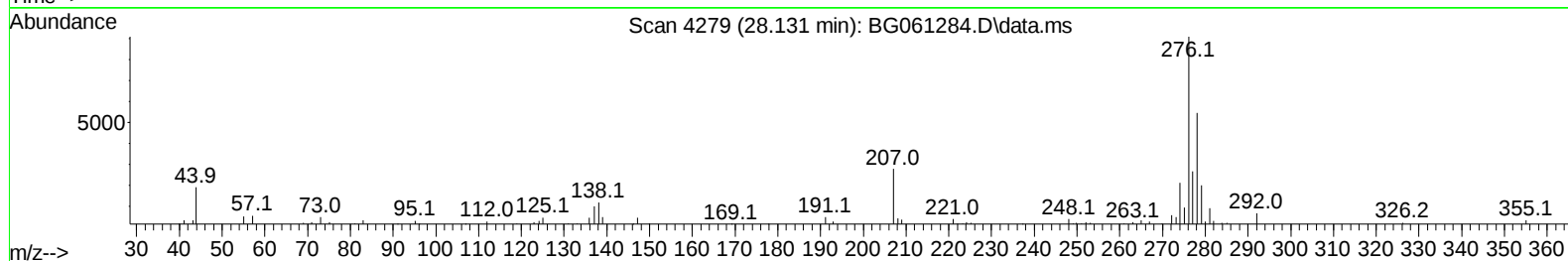
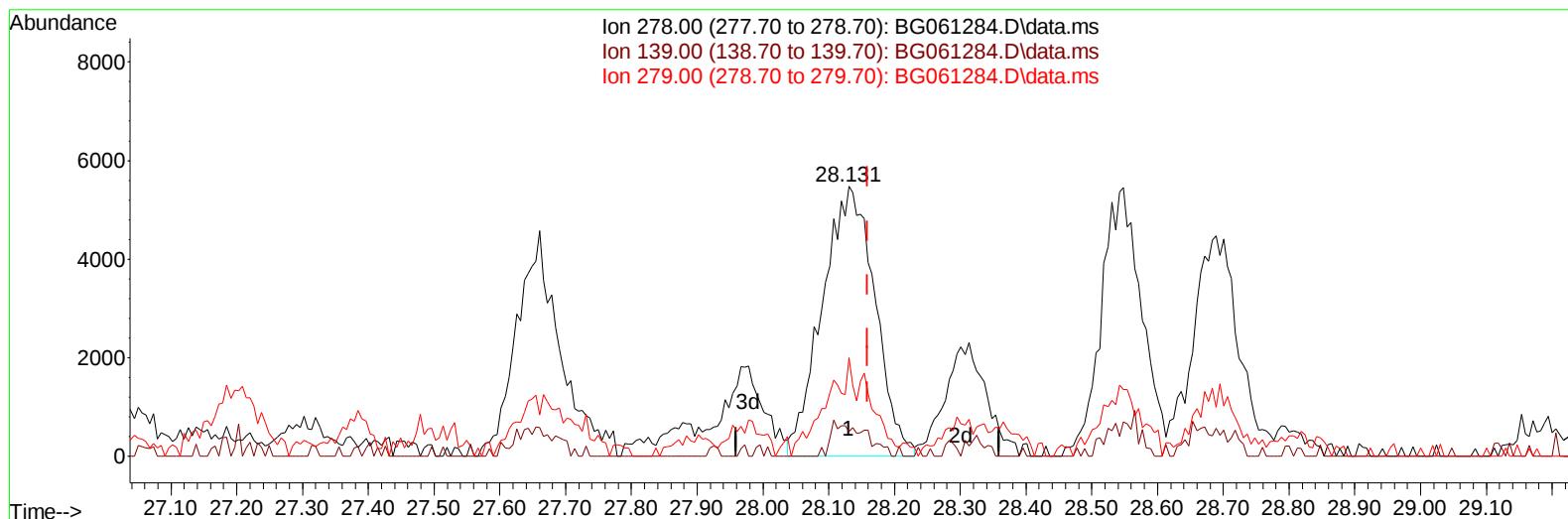
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
 Data File : BG061284.D
 Acq On : 24 May 2024 12:27
 Operator : MA/JU
 Sample : P2548-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5Y1

Manual IntegrationsAPPROVED

Quant Time: May 25 00:11:55 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 :Yogesh Patel 05/25/2024
 Supervised By :mohammad ahmed 05/27/2024



TIC: BG061284.D\data.ms

(95) Dibenzo(a,h)anthracene

28.131min (-0.028) 2.17 ng/ul m

response 30318

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	9.06
279.00	24.90	36.47#
0.00	0.00	0.00

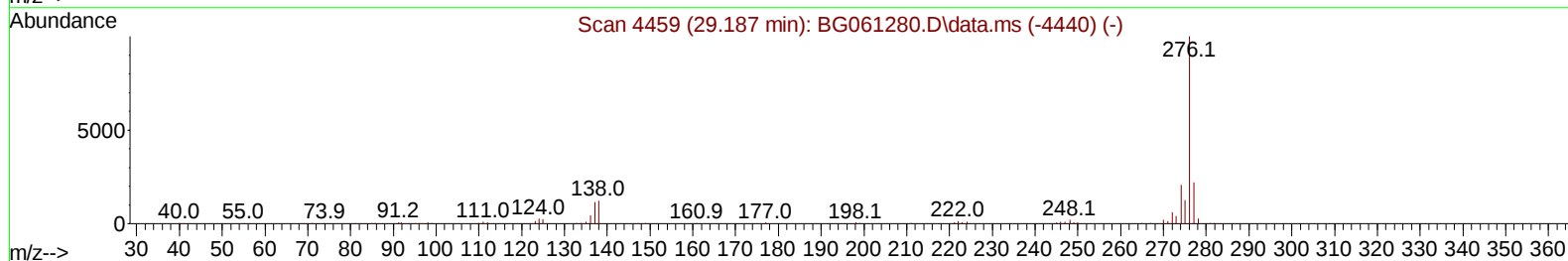
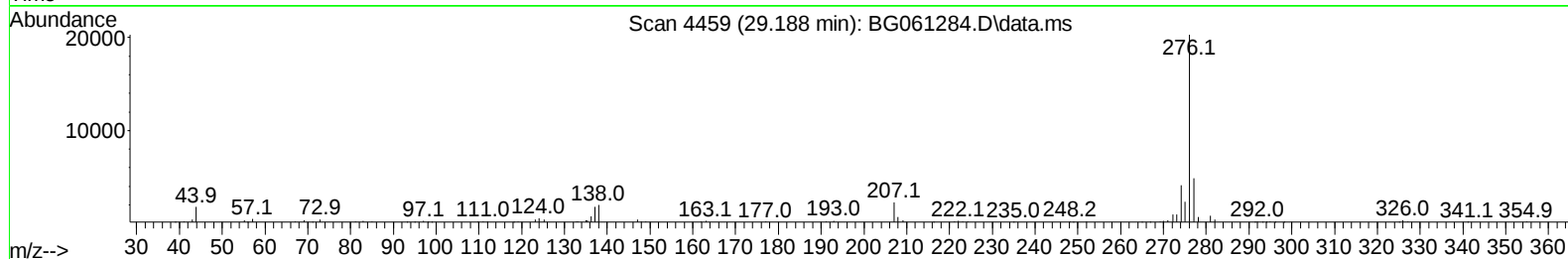
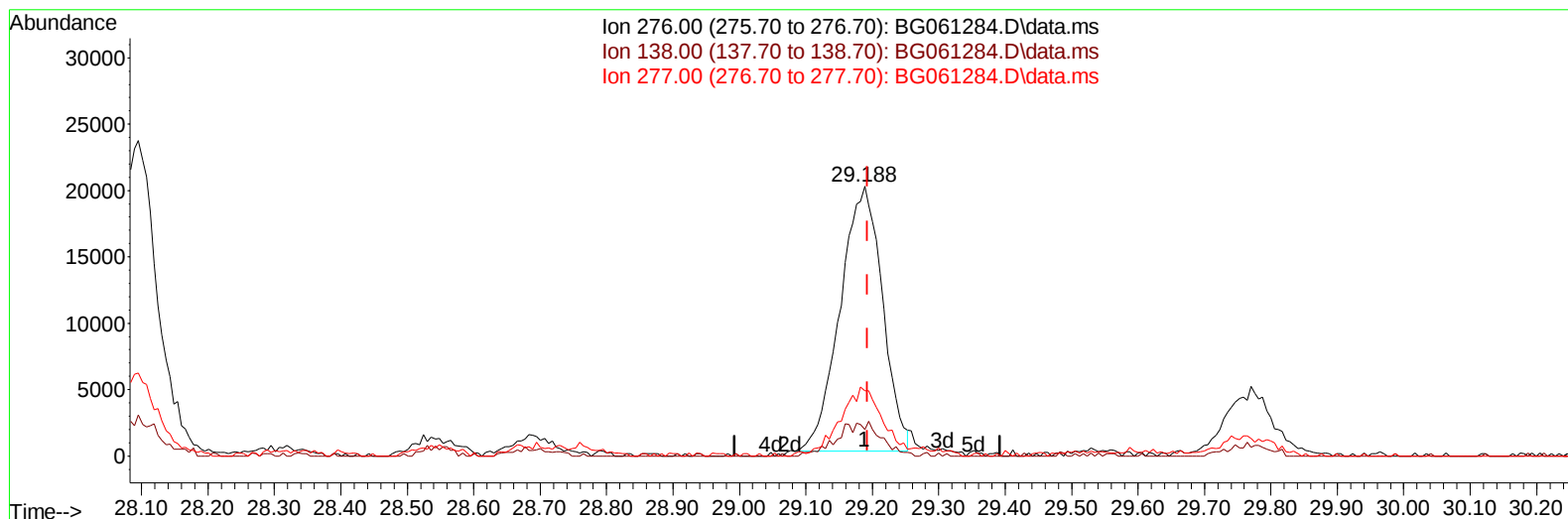
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
Data File : BG061284.D
Acq On : 24 May 2024 12:27
Operator : MA/JU
Sample : P2548-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Y1

Manual IntegrationsAPPROVED

Quant Time: May 25 00:12:26 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 :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024



TIC: BG061284.D\data.ms

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

29.188min (-0.005) 6.55 ng/u1

response 88375

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	9.79
277.00	22.70	24.12
0.00	0.00	0.00

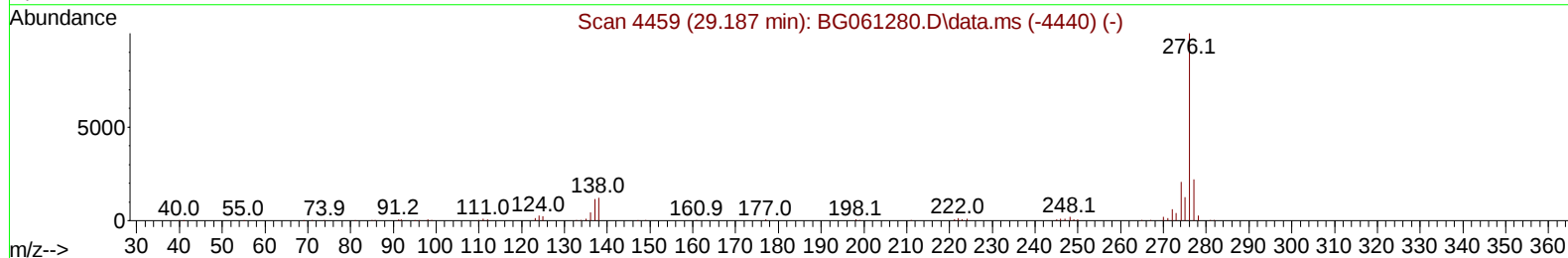
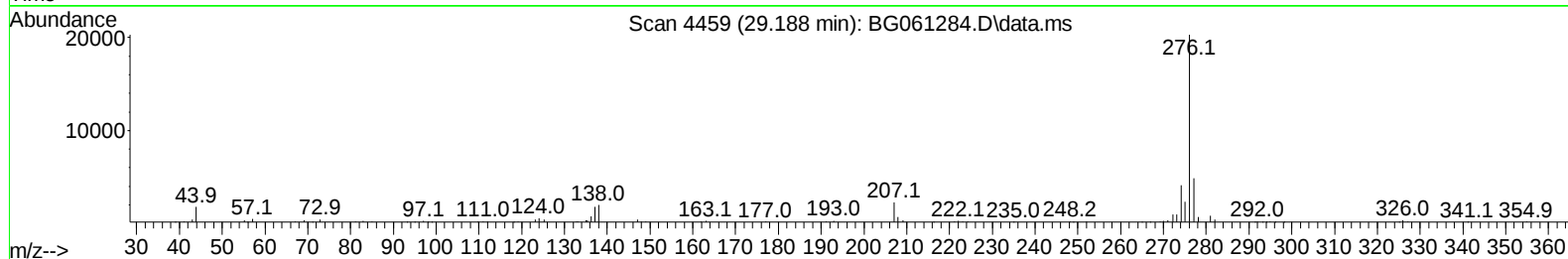
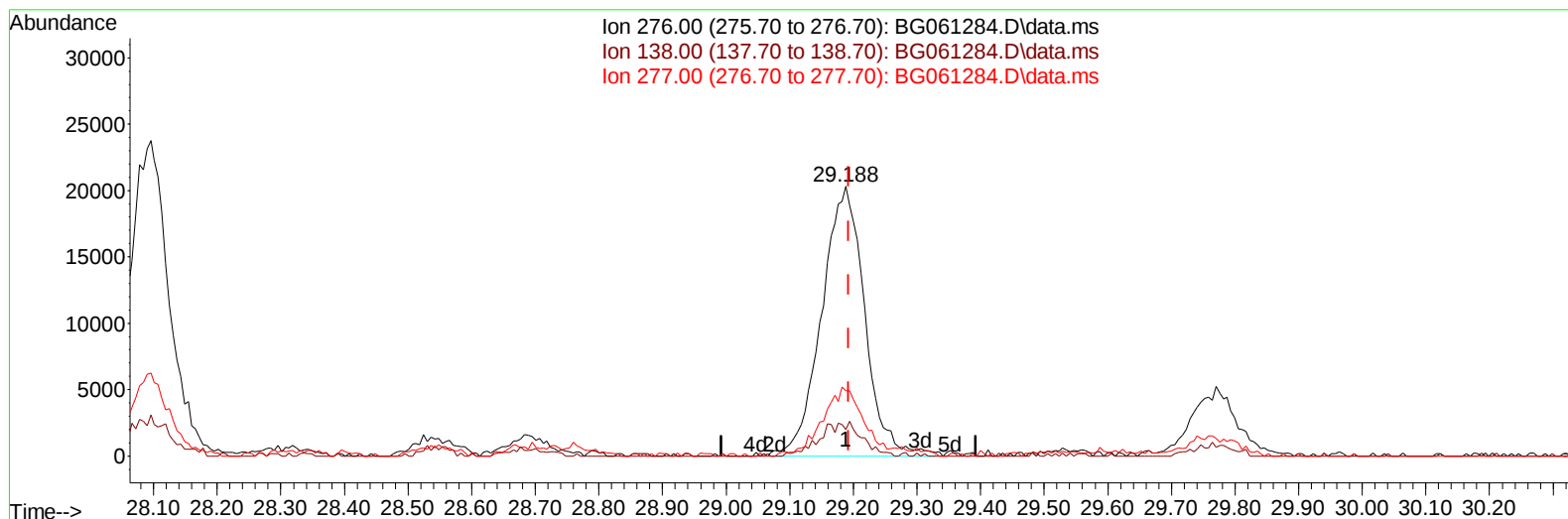
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
 Data File : BG061284.D
 Acq On : 24 May 2024 12:27
 Operator : MA/JU
 Sample : P2548-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5Y1

Manual IntegrationsAPPROVED

Quant Time: May 25 00:12:26 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 :Yogesh Patel 05/25/2024
 Supervised By :mohammad ahmed 05/27/2024



TIC: BG061284.D\data.ms

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

29.188min (-0.005) 7.06 ng/ul m

response 95286

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	9.79
277.00	22.70	24.12
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
 Data File : BG061284.D
 Acq On : 24 May 2024 12:27
 Operator : MA/JU
 Sample : P2548-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5Y1

Manual IntegrationsAPPROVED

Quant Time: May 25 00:12:50 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 :Yogesh Patel 05/25/2024
 Supervised By :mohammad ahmed 05/27/2024

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.884	152		23799	20.000	ng/ul	0.00
20) Naphthalene-d8	10.681	136		104371	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.517	164		90321	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.267	188		218938	20.000	ng/ul	0.00
79) Chrysene-d12	21.515	240		220867	20.000	ng/ul	0.00
88) Perylene-d12	24.600	264		248094	20.000	ng/ul	-0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.336	96		435m	1.023	ng/uL	0.00
4) Pyridine-d5	3.748	84		2439	1.612	ng/ul	0.00
7) Phenol-d5	7.061	99		18448	9.439	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.214	67		11652	9.485	ng/ul	0.00
11) 2-Chlorophenol-d4	7.426	132		15150	10.474	ng/ul	0.00
15) 4-Methylphenol-d8	8.601	113		14749	8.850	ng/ul	0.00
21) Nitrobenzene-d5	9.036	128		8062	10.033	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.764	143		8750	9.304	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.310	165		17864	9.743	ng/ul	0.00
31) 4-Chloroaniline-d4	10.816	131		18308	7.633	ng/ul	0.00
46) Dimethylphthalate-d6	13.924	166		66917	9.553	ng/ul	0.00
49) Acenaphthylene-d8	14.212	160		71345	9.796	ng/ul	0.00
54) 4-Nitrophenol-d4	14.746	143		6118	7.064	ng/ul	0.00
60) Fluorene-d10	15.510	176		60634	10.026	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200		8933	6.746	ng/ul	0.00
73) Anthracene-d10	17.367	188		101487	10.514	ng/ul	0.00
81) Pyrene-d10	19.658	212		119407	10.529	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.388	264		124650	10.451	ng/ul	0.00
Target Compounds							
						Qvalue	
52) Acenaphthene	14.582	153		9010	1.701	ng/ul	92
56) Dibenzofuran	14.917	168		8043	1.062	ng/ul	88
61) Fluorene	15.569	166		10225	1.560	ng/ul#	98
72) Phenanthrene	17.308	178		216903	20.412	ng/ul	99
74) Anthracene	17.396	178		38602	3.513	ng/ul	99
77) Carbazole	17.672	167		26376	2.951	ng/ul	100
80) Fluoranthene	19.323	202		356723	26.221	ng/ul	100
82) Pyrene	19.688	202		290448	20.568	ng/ul	99
85) Benzo(a)anthracene	21.497	228		180324	11.832	ng/ul	98
87) Chrysene	21.562	228		175226	12.487	ng/ul	97
90) Benzo(b)fluoranthene	23.630	252		224156	15.175	ng/ul	98
91) Benzo(k)fluoranthene	23.689	252		76689m	5.114	ng/ul	
93) Benzo(a)pyrene	24.459	252		152947	10.904	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.096	276		99778	5.882	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.131	278		30318m	2.168	ng/ul	
96) Benzo(g,h,i)perylene	29.188	276		95286m	7.061	ng/ul	

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

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Manual IntegrationsAPPROVED

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Quant Time: May 25 00:12:50 2024
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