

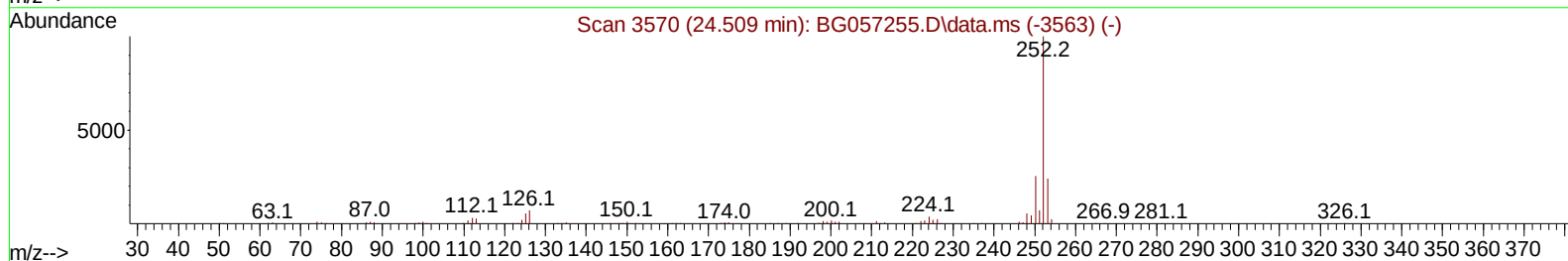
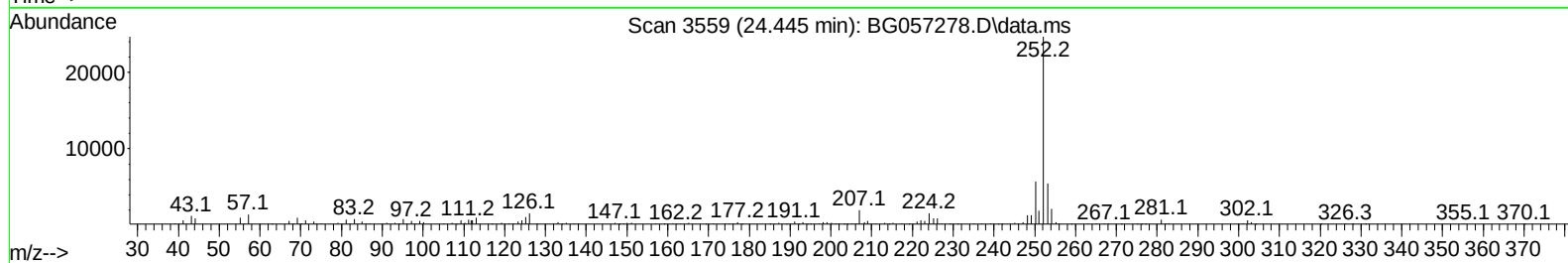
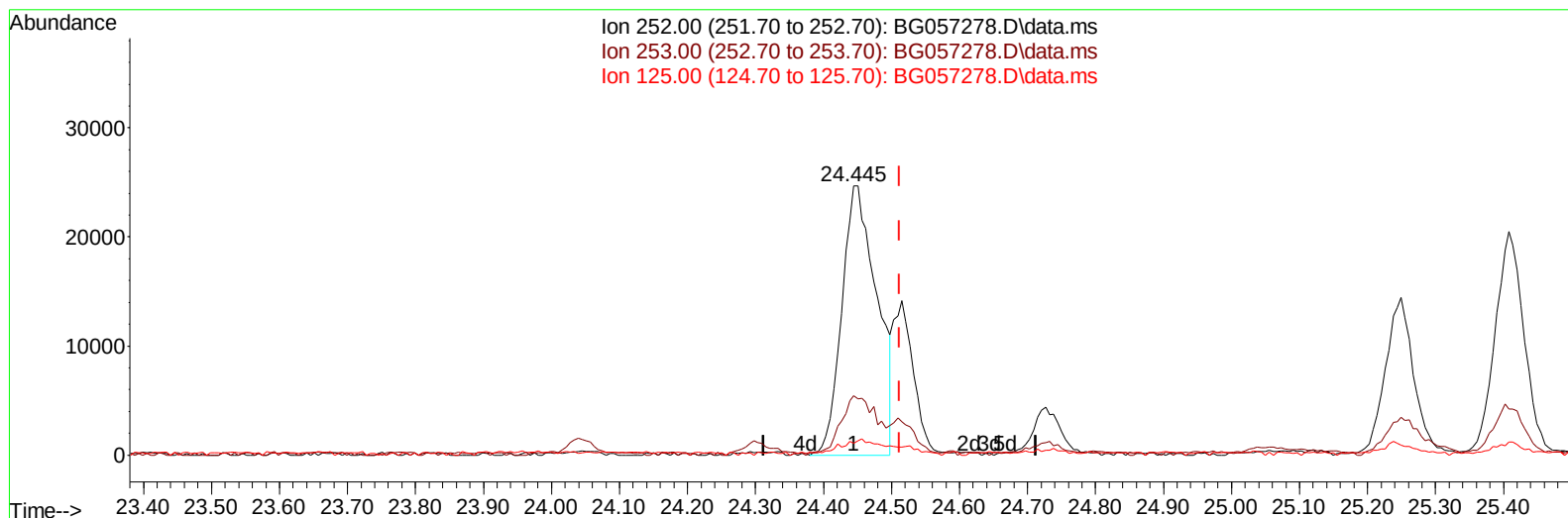
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057278.D
 Acq On : 2 May 2023 14:24
 Operator : CG/JU
 Sample : 02417-17DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8Y3DL

Manual IntegrationsAPPROVED

Quant Time: May 03 01:05:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 01 12:45:38 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/03/2023



TIC: BG057278.D\data.ms

(91) Benzo(k)fluoranthene

24.445min (-0.068) 12.94 ng/u1

response 88331

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.07
125.00	5.60	4.41#
0.00	0.00	0.00

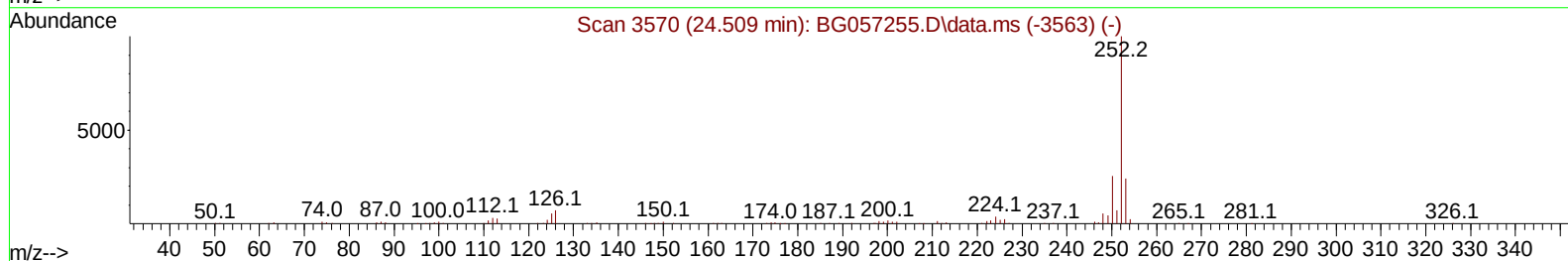
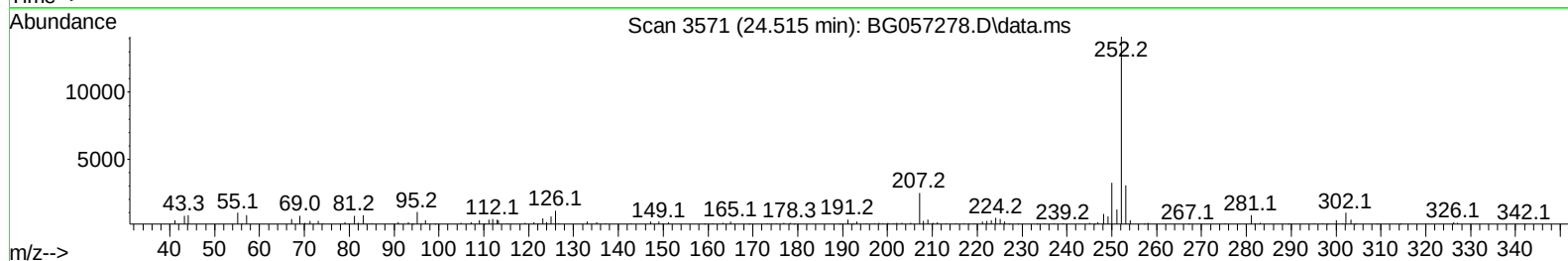
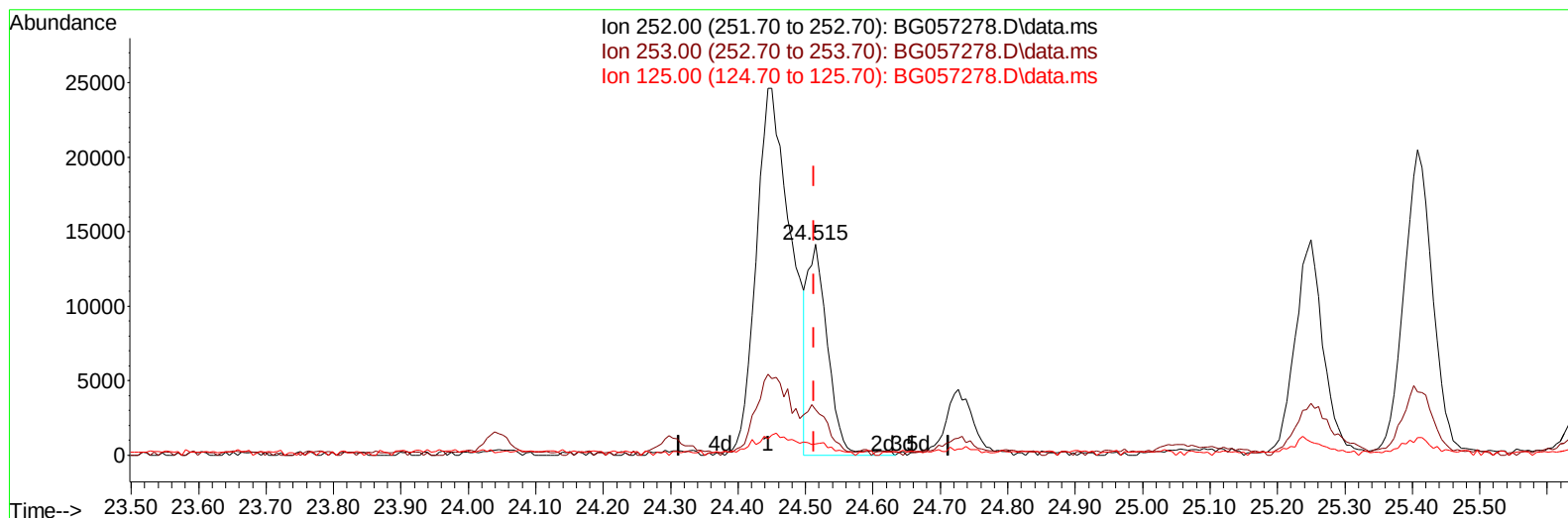
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Manual IntegrationsAPPROVED

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TIC: BG057278.D\data.ms

(91) Benzo(k)fluoranthene

24.515min (+ 0.003) 4.32 ng/ul m

response 29471

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	21.52
125.00	5.60	5.19
0.00	0.00	0.00

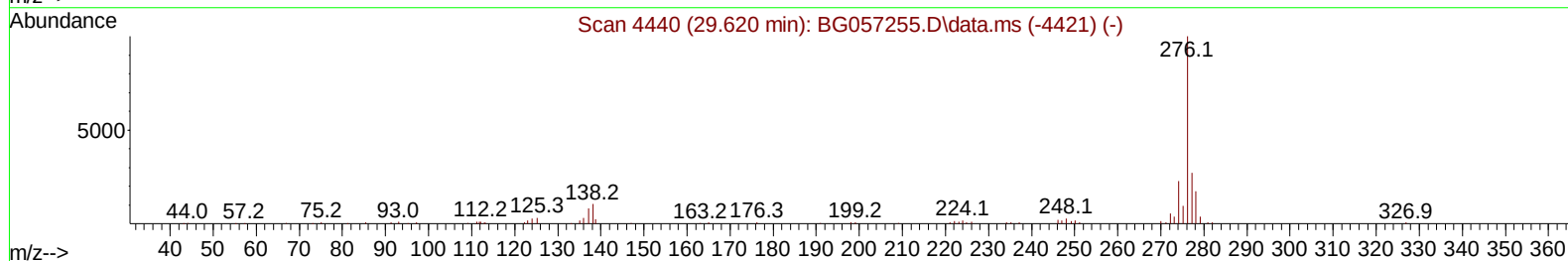
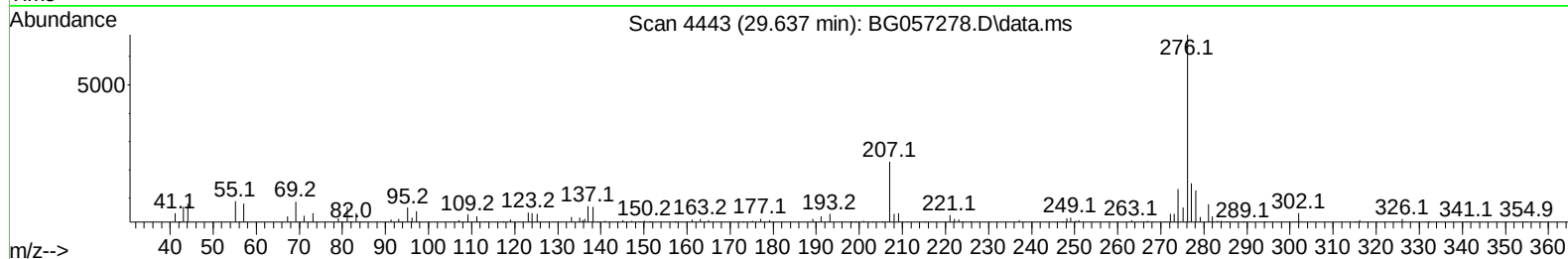
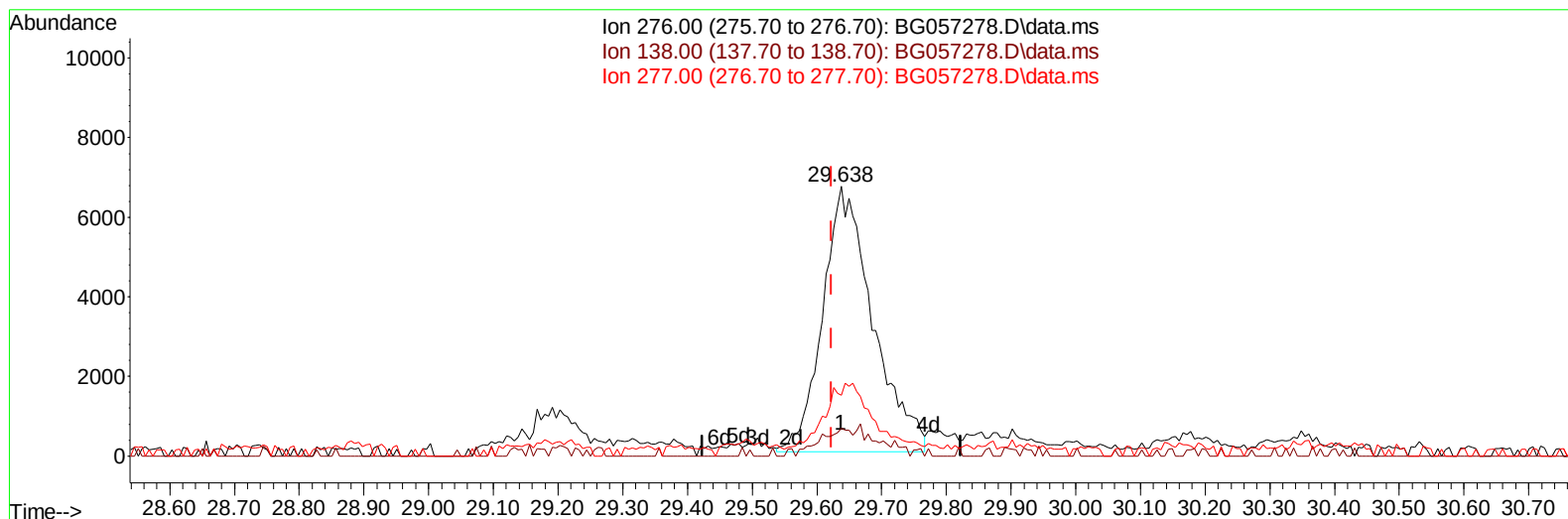
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
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 Acq On : 2 May 2023 14:24
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 Sample : 02417-17DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8Y3DL

Manual IntegrationsAPPROVED

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TIC: BG057278.D\data.ms

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

29.637min (+ 0.015) 4.75 ng/ul m

response 35955

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.80	10.32
277.00	23.30	22.47
0.00	0.00	0.00

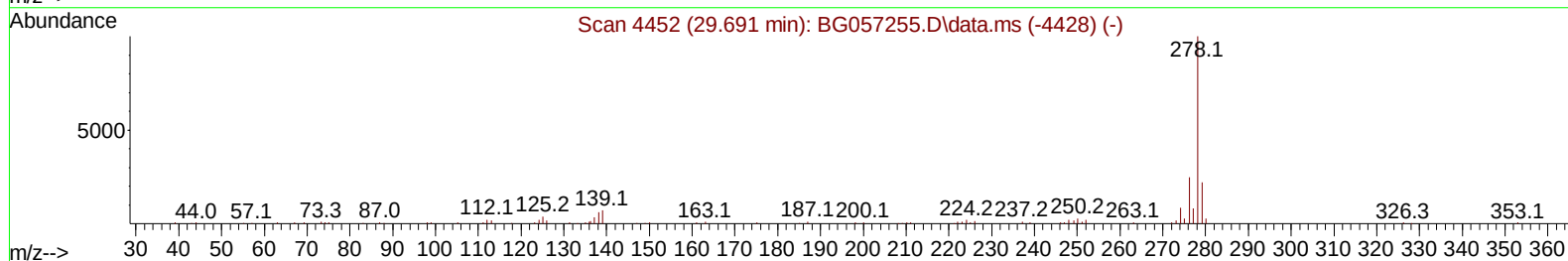
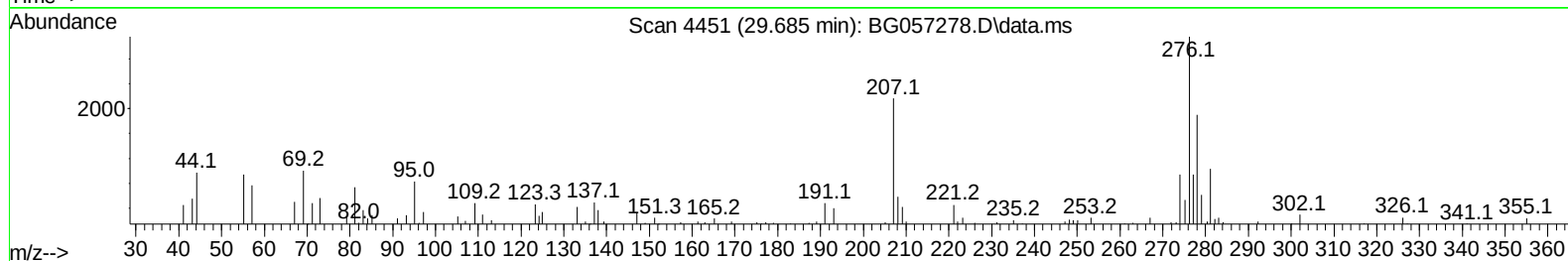
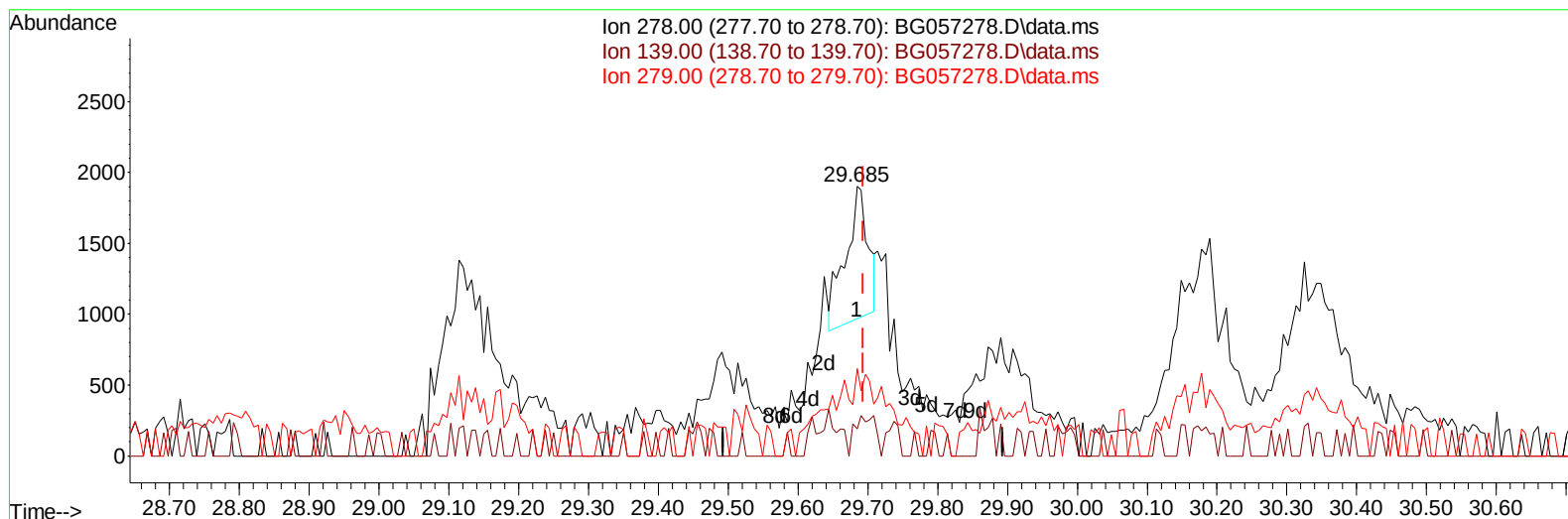
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057278.D
Acq On : 2 May 2023 14:24
Operator : CG/JU
Sample : 02417-17DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y3DL

Manual IntegrationsAPPROVED

Quant Time: May 03 02:10:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 12:45:38 2023
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Reviewed By :Christian Giraldo 05/03/2023
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TIC: BG057278.D\data.ms

(95) Dibenzo(a,h)anthracene

29.685min (-0.009) 0.33 ng/u1

response 2090

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.20	9.94#
279.00	22.90	32.35#
0.00	0.00	0.00

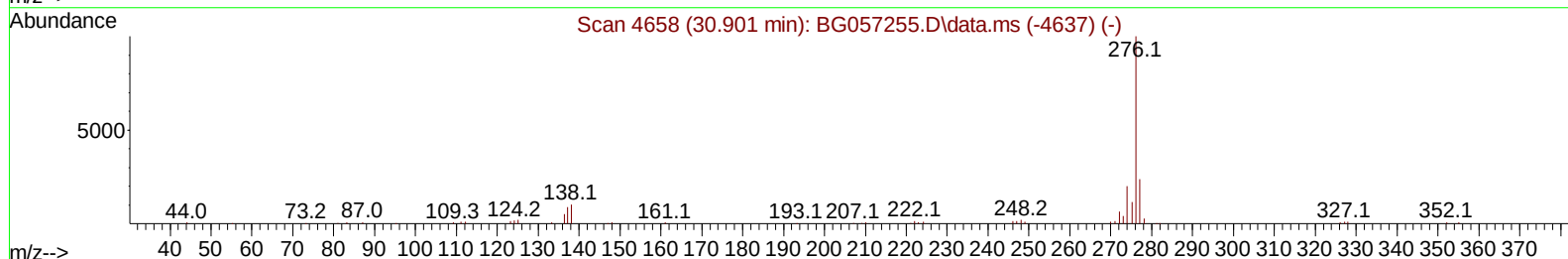
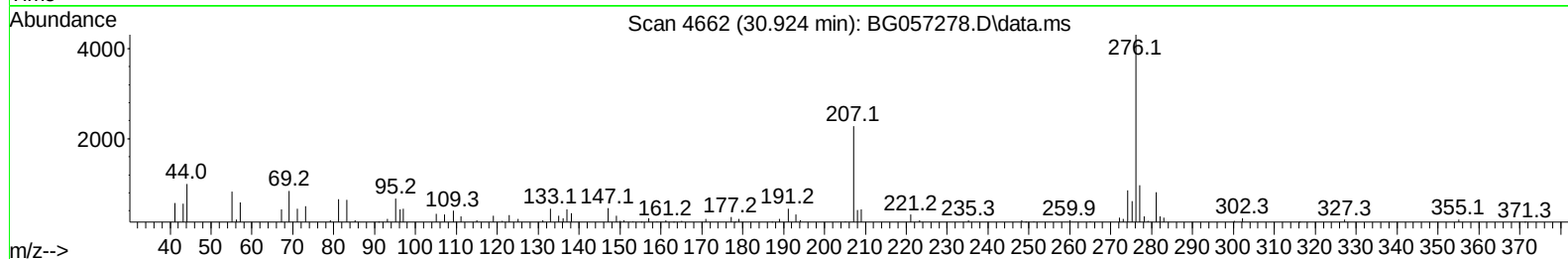
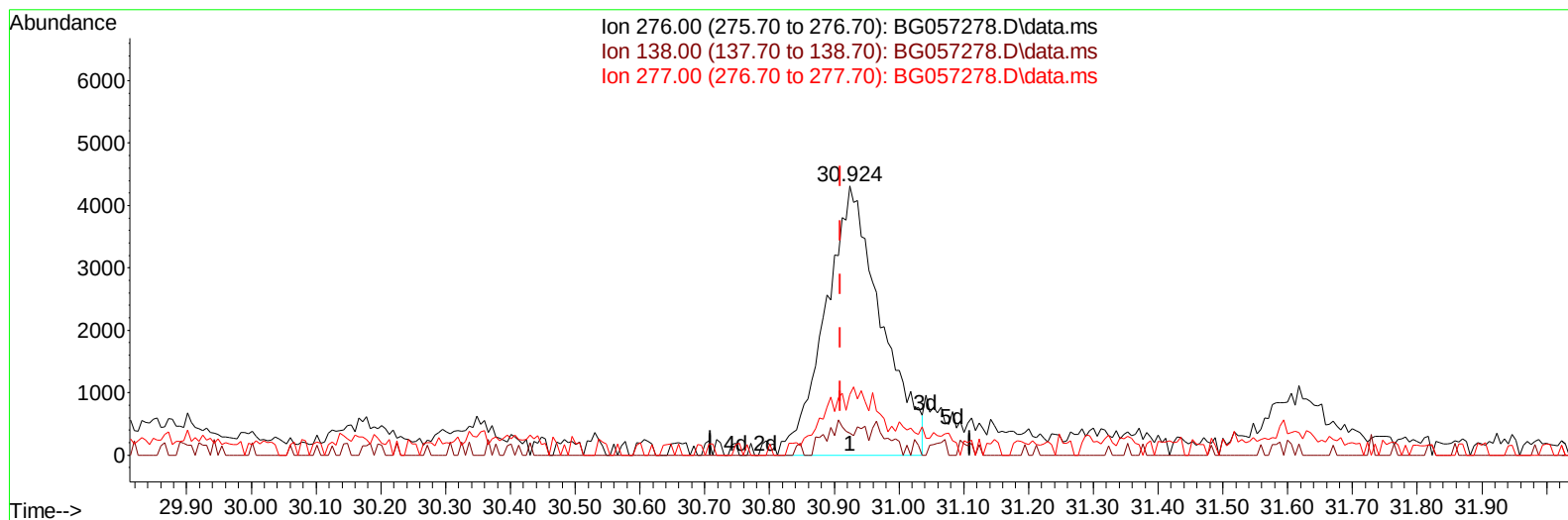
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057278.D
Acq On : 2 May 2023 14:24
Operator : CG/JU
Sample : 02417-17DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Y3DL

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

Quant Time: May 03 02:10:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 12:45:38 2023
Response via : Initial Calibration



TIC: BG057278.D\data.ms

(96) Benzo(g,h,i)perylene**30.924min (+ 0.015) 4.19 ng/u1****response 25688**

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	8.17#
277.00	23.00	22.55
0.00	0.00	0.00

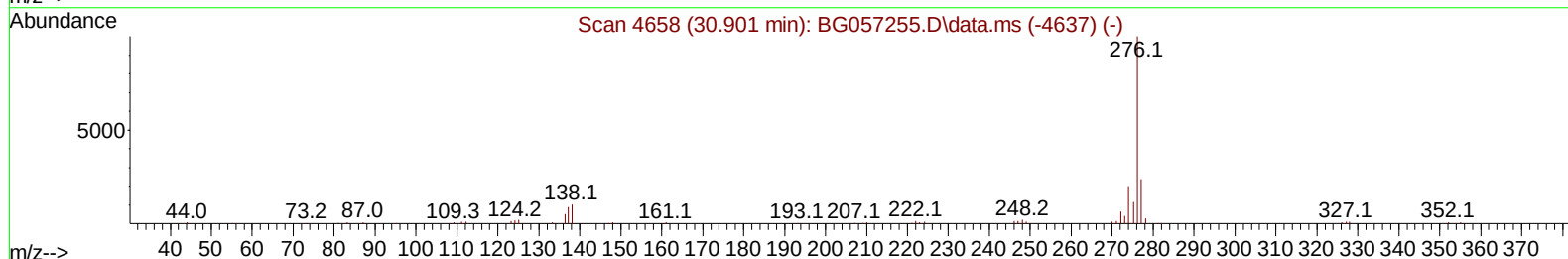
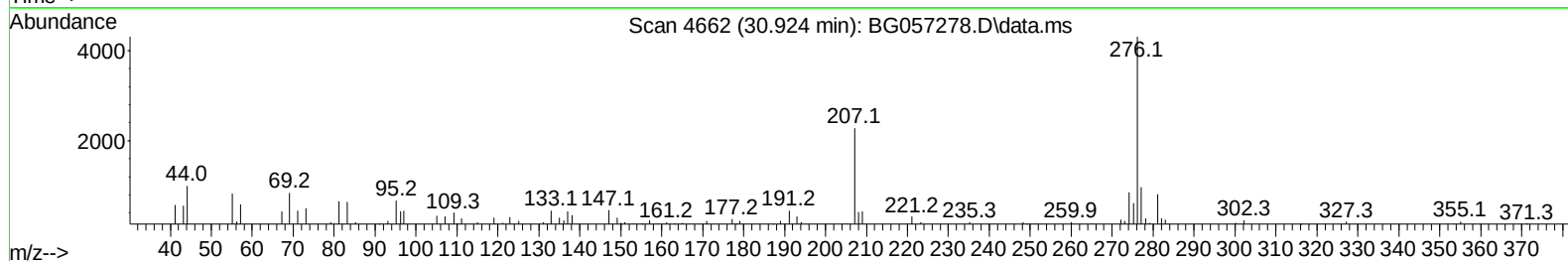
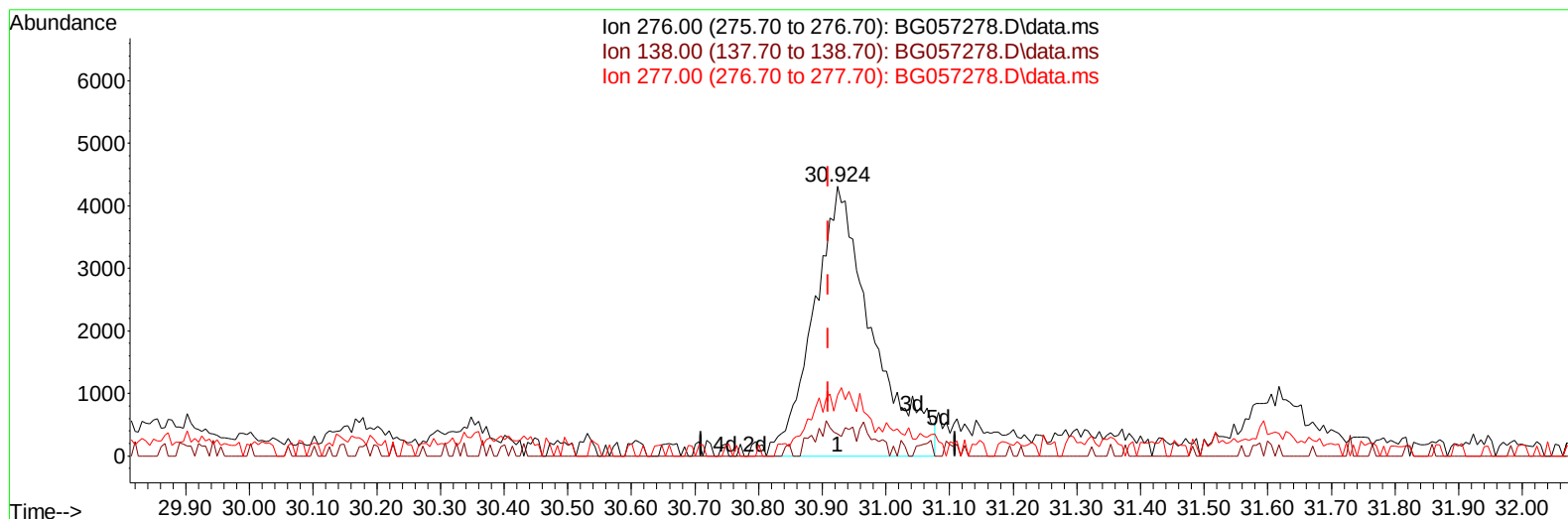
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057278.D
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 Sample : 02417-17DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: May 03 02:10:42 2023
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TIC: BG057278.D\data.ms

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

30.924min (+ 0.015) 4.47 ng/ul m

response 27409

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	8.17#
277.00	23.00	22.55
0.00	0.00	0.00

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 ALS Vial : 35 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/03/2023

Quant Time: May 03 02:11:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.384	152	18269	20.000	ng/ul	0.00
20) Naphthalene-d8	11.221	136	73513	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.999	164	53764	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.736	188	116963	20.000	ng/ul	0.00
79) Chrysene-d12	22.054	240	94595	20.000	ng/ul	# 0.00
88) Perylene-d12	25.572	264	101315	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.673	96	127	0.306	ng/uL	0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.520	99	4628	2.679	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.691	67	2891	2.845	ng/ul	0.00
11) 2-Chlorophenol-d4	7.914	132	3457	3.036	ng/ul	0.00
15) 4-Methylphenol-d8	9.083	113	2956	2.251	ng/ul	0.00
21) Nitrobenzene-d5	9.565	128	1841	3.145	ng/ul	0.00
24) 2-Nitrophenol-d4	10.293	143	2142	3.135	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.839	165	4310	3.270	ng/ul	0.00
31) 4-Chloroaniline-d4	11.351	131	1981	1.134	ng/ul	0.00
46) Dimethylphthalate-d6	14.376	166	14437	3.389	ng/ul	0.00
49) Acenaphthylene-d8	14.693	160	15911	3.323	ng/ul	0.00
54) 4-Nitrophenol-d4	15.204	143	813	1.311	ng/ul	0.03
60) Fluorene-d10	15.980	176	12422	3.130	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.836	188	18824	3.526	ng/ul	0.00
81) Pyrene-d10	20.097	212	21508	3.831	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.337	264	19355	3.750	ng/ul	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.777	178	73250	12.026	ng/ul	97
74) Anthracene	17.871	178	14618	2.389	ng/ul	96
77) Carbazole	18.135	167	5243	1.025	ng/ul	94
80) Fluoranthene	19.769	202	156971	23.535	ng/ul#	97
82) Pyrene	20.127	202	127455	18.876	ng/ul	98
85) Benzo(a)anthracene	22.030	228	71048	10.620	ng/ul	99
87) Chrysene	22.101	228	65186	10.327	ng/ul	93
90) Benzo(b)fluoranthene	24.445	252	88331	12.590	ng/ul#	97
91) Benzo(k)fluoranthene	24.515	252	29471m	4.318	ng/ul	
93) Benzo(a)pyrene	25.408	252	59353	9.799	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.637	276	35955m	4.749	ng/ul	
95) Dibenzo(a,h)anthracene	29.685	278	11886m	1.893	ng/ul	
96) Benzo(g,h,i)perylene	30.924	276	27409m	4.473	ng/ul	

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

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