

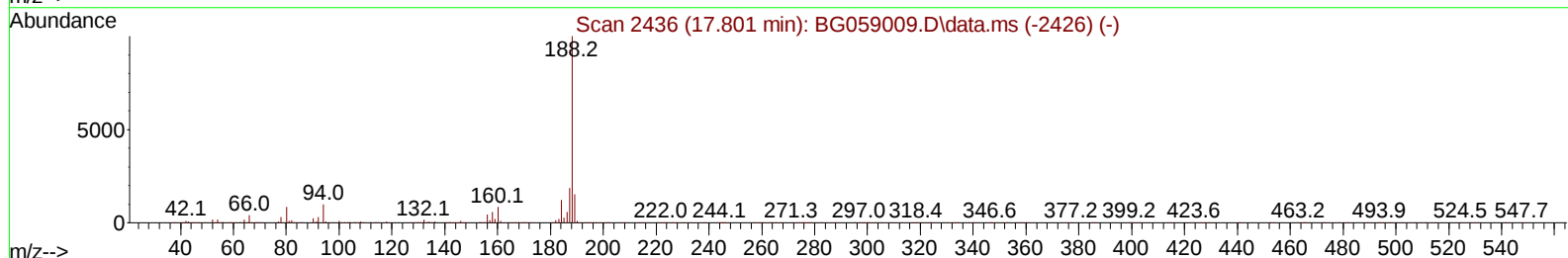
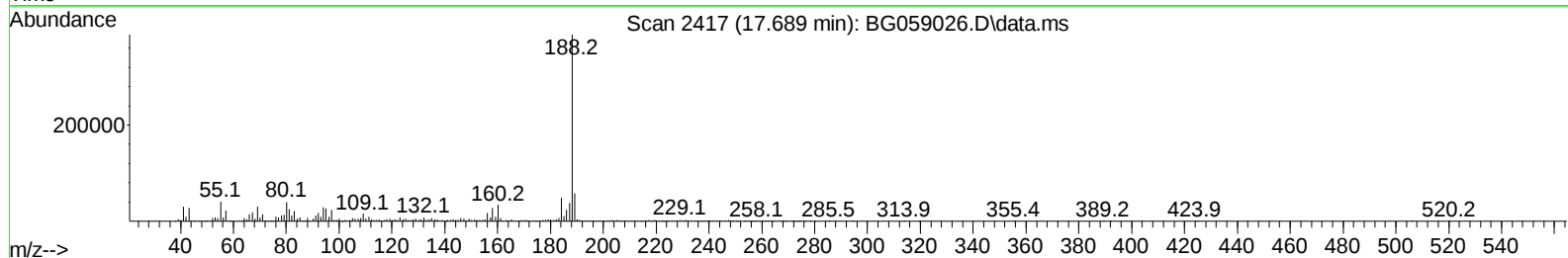
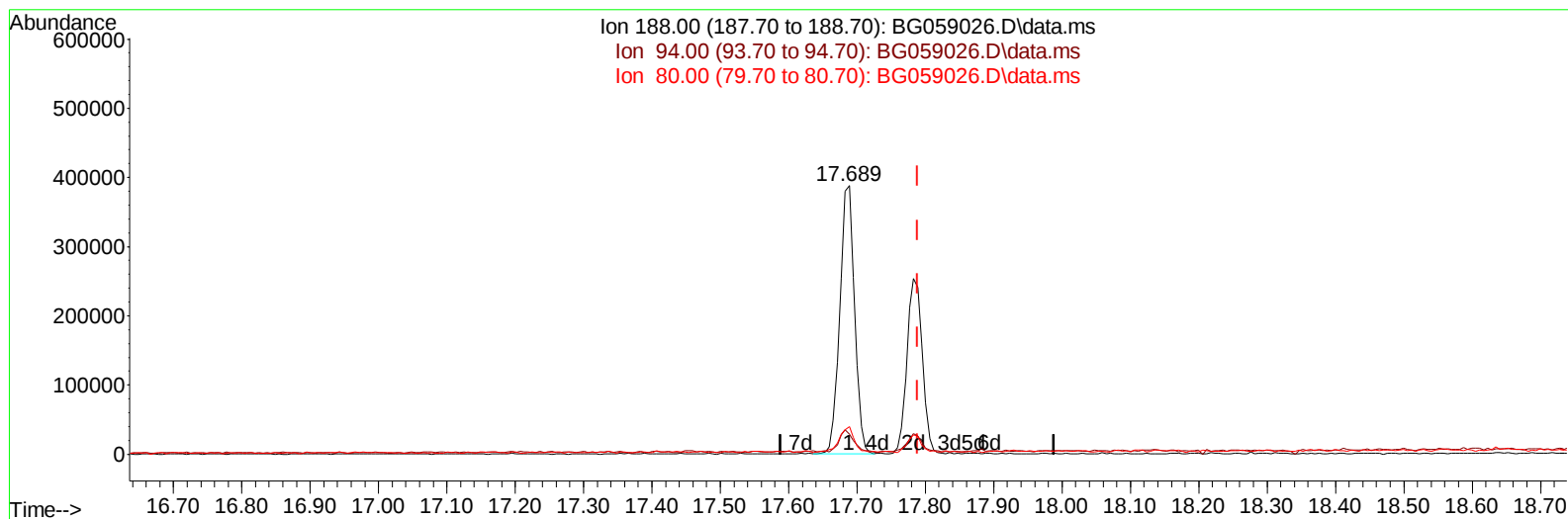
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
 Data File : BG059026.D
 Acq On : 13 Sep 2023 2:11
 Operator : MA/JU
 Sample : 04175-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYD3

Manual IntegrationsAPPROVED

Quant Time: Sep 13 03:12:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 12 23:54:19 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/13/2023
 Supervised By :mohammad ahmed 09/14/2023



TIC: BG059026.D\data.ms

(73) Anthracene-d10 (S)

17.689min (-0.100) 22.54 ng/u1

response 582160

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	8.50	7.47
80.00	8.80	10.21
0.00	0.00	0.00

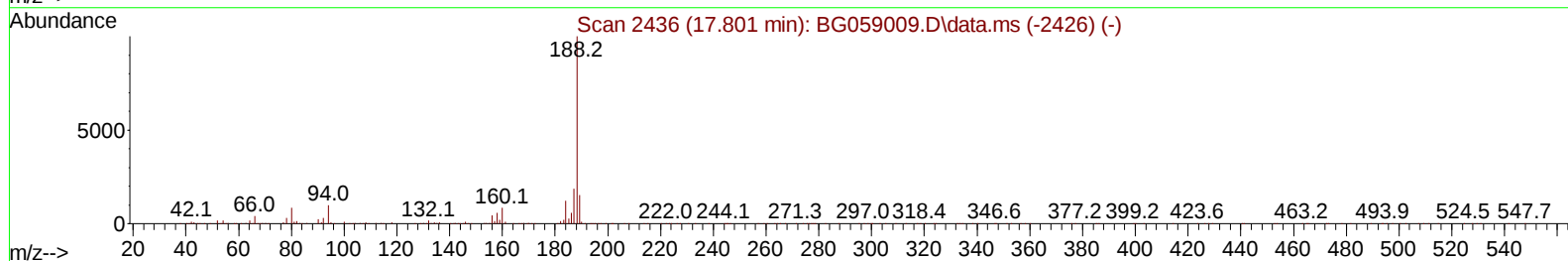
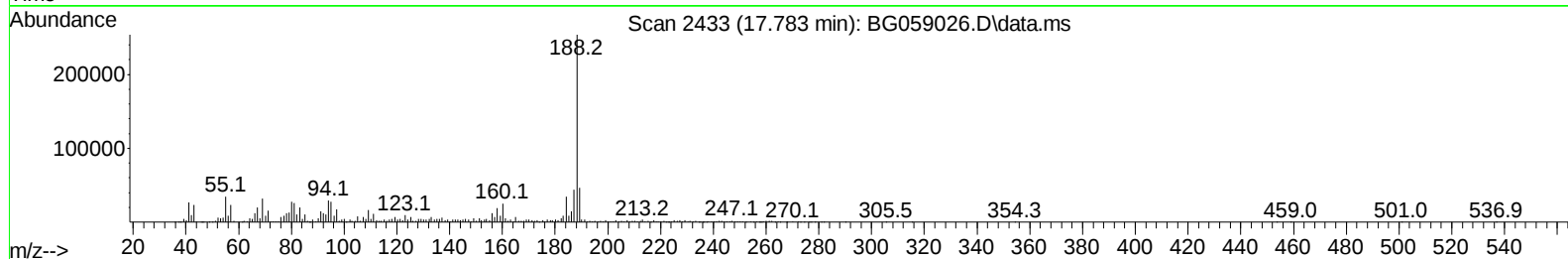
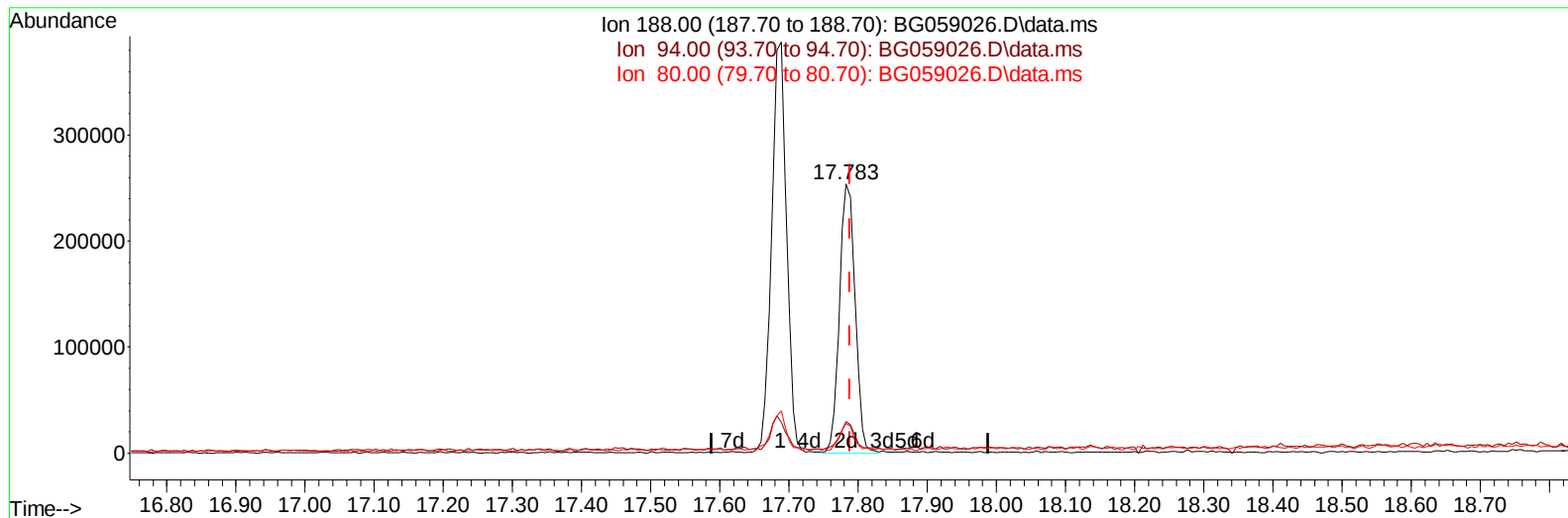
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
 Data File : BG059026.D
 Acq On : 13 Sep 2023 2:11
 Operator : MA/JU
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 Misc :
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Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 09/13/2023
 Supervised By :mohammad ahmed 09/14/2023



TIC: BG059026.D\data.ms

(73) Anthracene-d10 (S)

17.783min (-0.006) 15.50 ng/ul m

response 400341

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	8.50	11.59#
80.00	8.80	10.99#
0.00	0.00	0.00

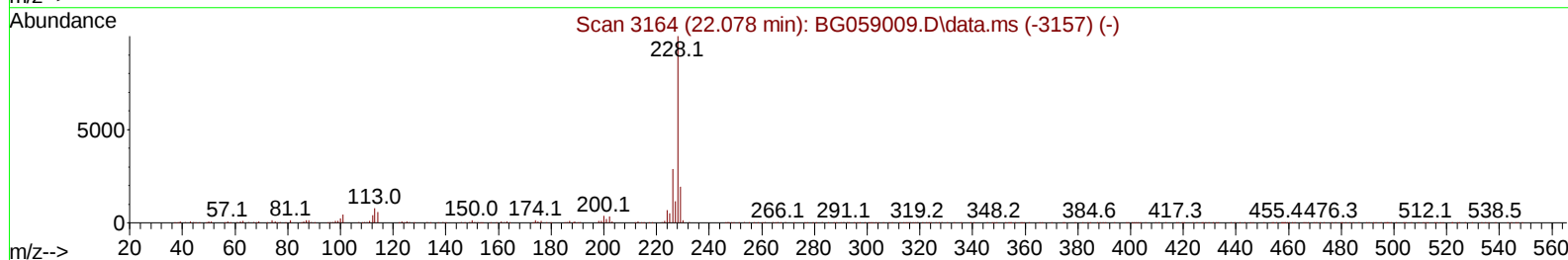
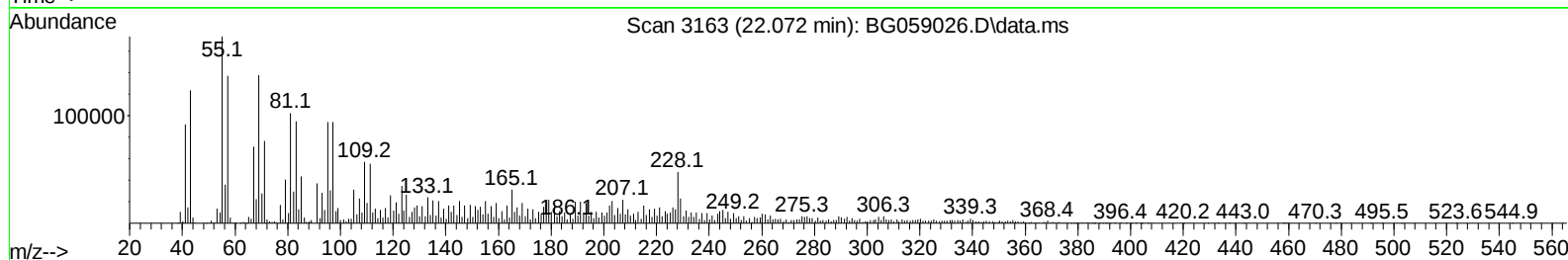
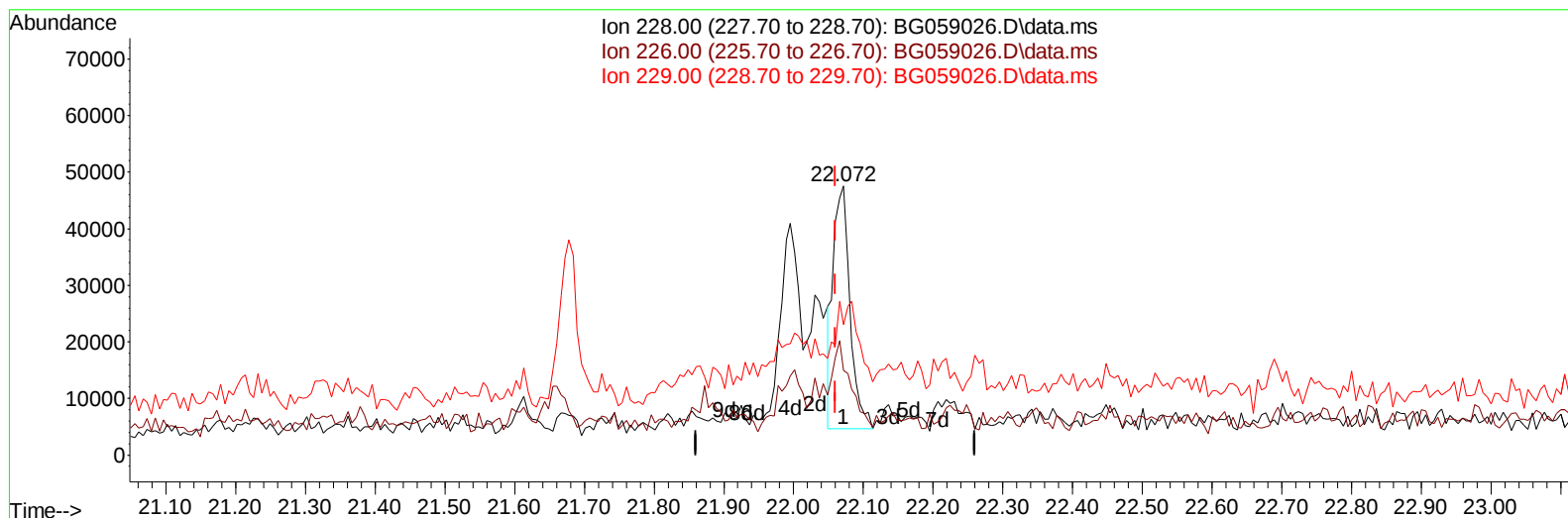
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
 Data File : BG059026.D
 Acq On : 13 Sep 2023 2:11
 Operator : MA/JU
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 Supervised By :mohammad ahmed 09/14/2023



TIC: BG059026.D\data.ms

(87) Chrysene

22.072min (+ 0.012) 2.26 ng/u1

response 72181

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.00	31.55
229.00	19.10	48.49#
0.00	0.00	0.00

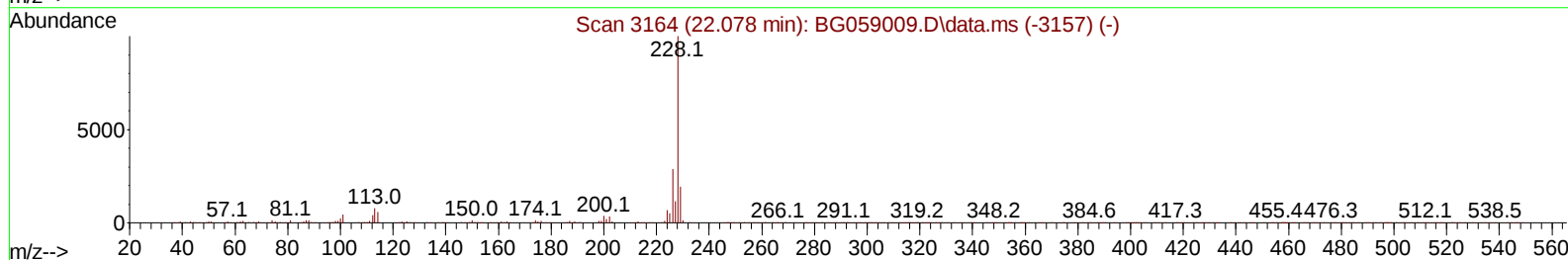
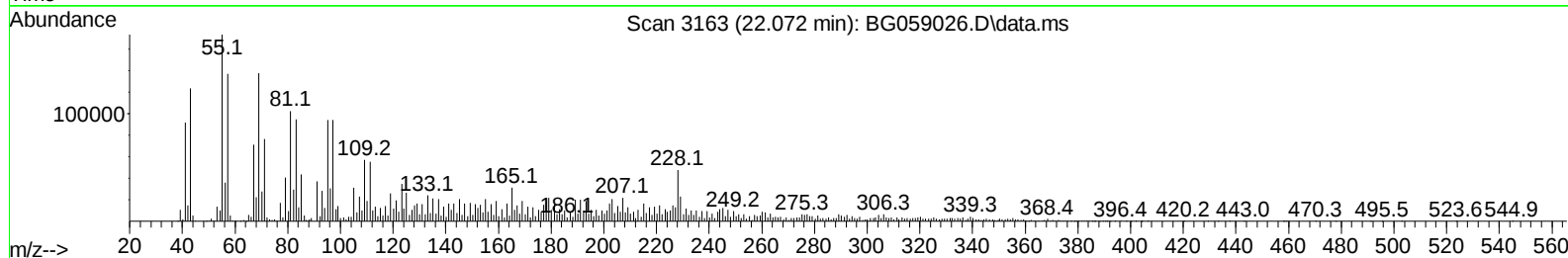
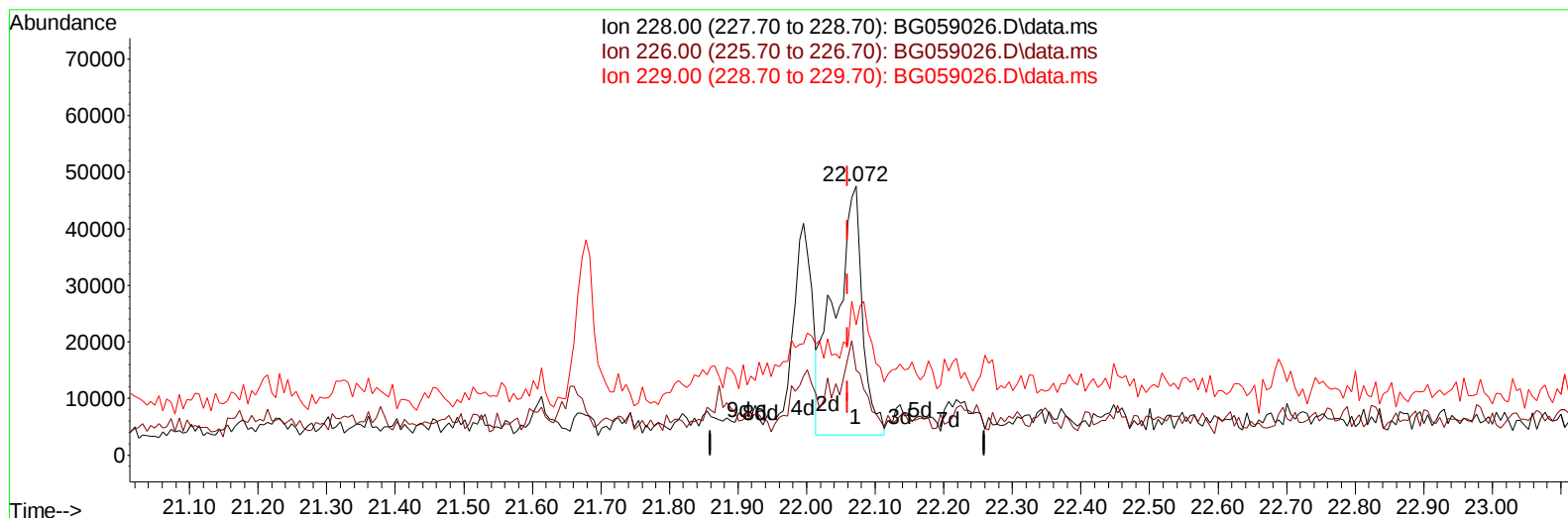
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
Data File : BG059026.D
Acq On : 13 Sep 2023 2:11
Operator : MA/JU
Sample : 04175-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Sep 13 03:12:08 2023
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 12 23:54:19 2023
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Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/14/2023



TIC: BG059026.D\data.ms

(87) Chrysene

22.072min (+ 0.012) 3.79 ng/ul m

response 120809

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.00	31.55
229.00	19.10	48.49#
0.00	0.00	0.00

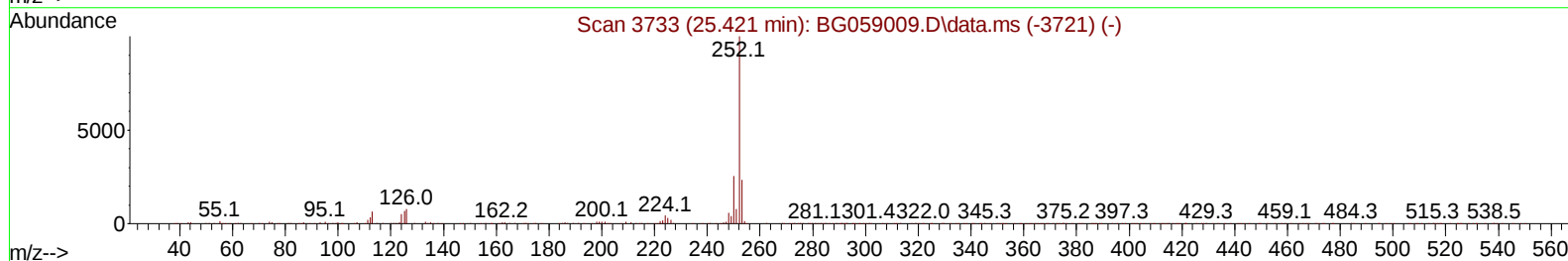
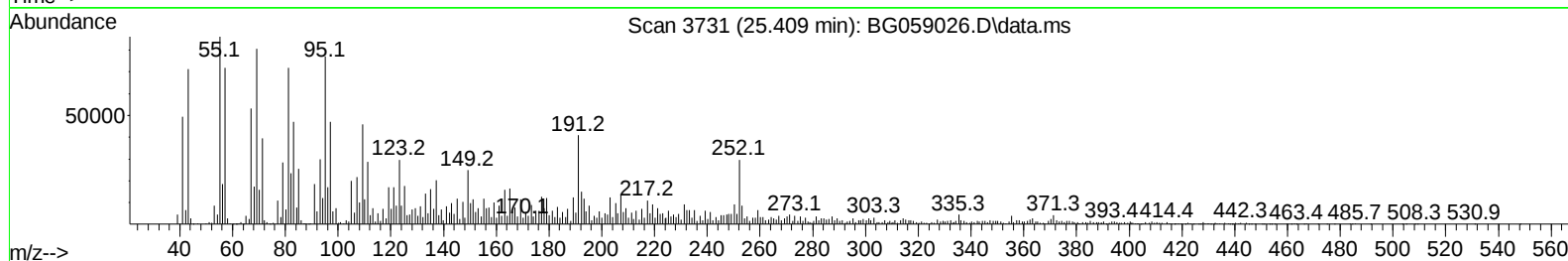
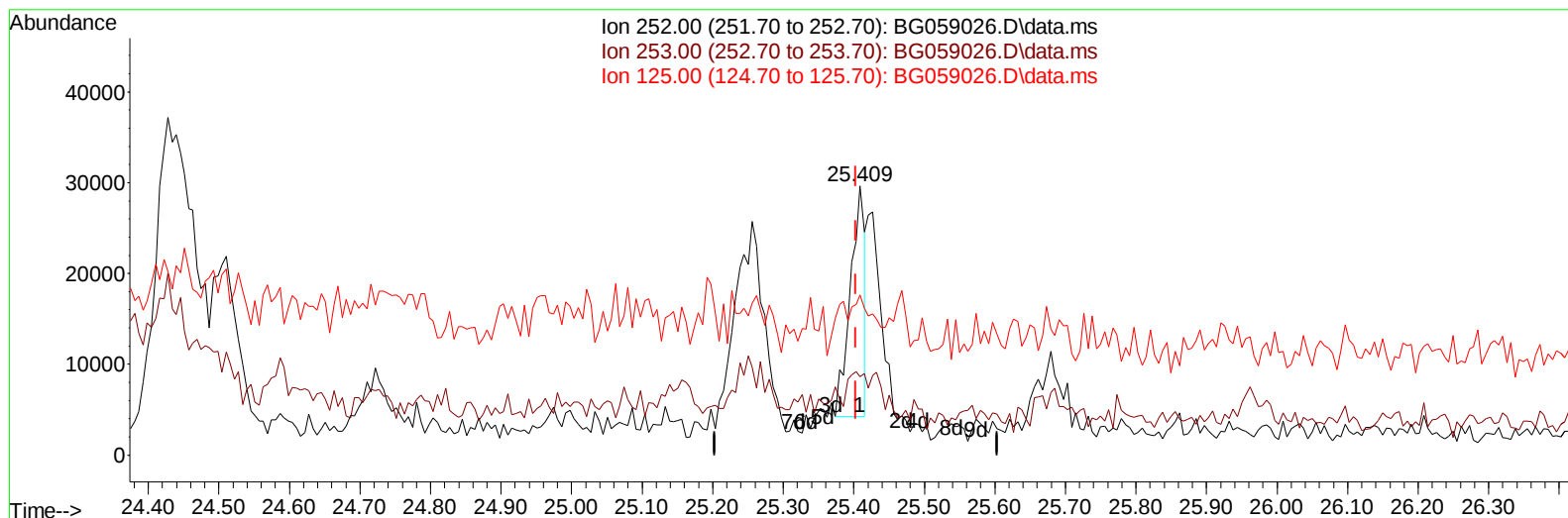
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Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Sep 13 03:13:41 2023
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 12 23:54:19 2023
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TIC: BG059026.D\data.ms

(93) Benzo(a)pyrene (C)

25.409min (+ 0.006) 1.09 ng/u1

response 35982

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.40	29.18#
125.00	6.60	59.57#
0.00	0.00	0.00

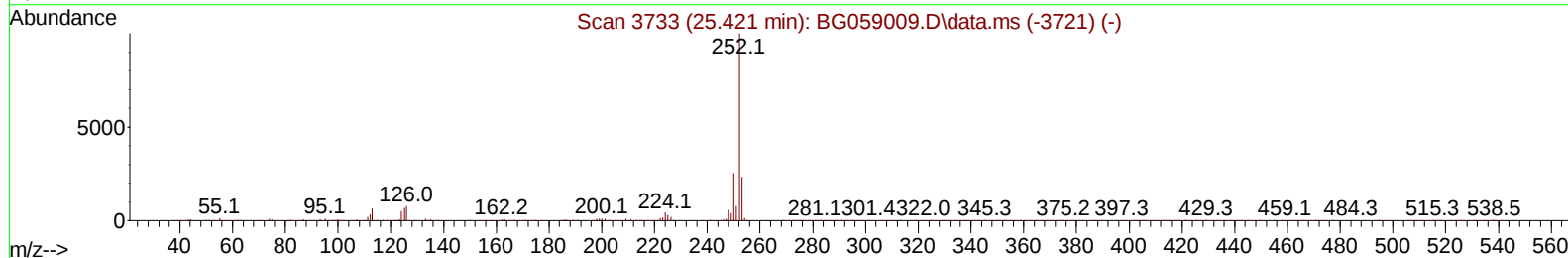
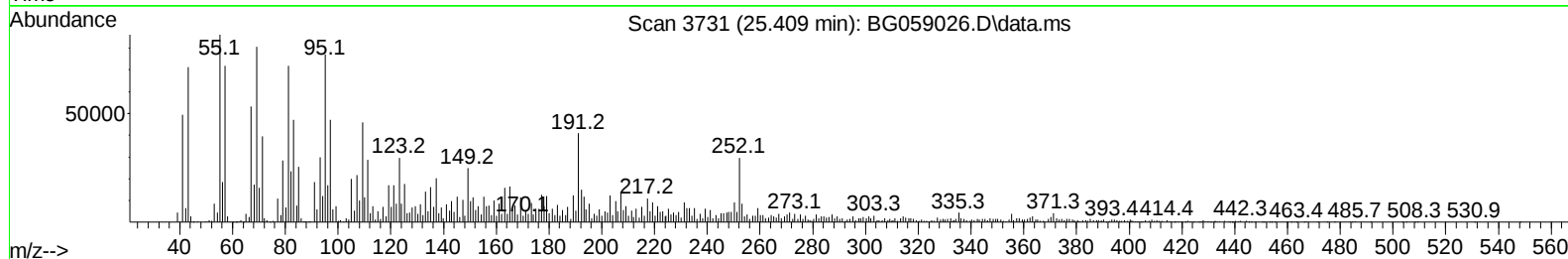
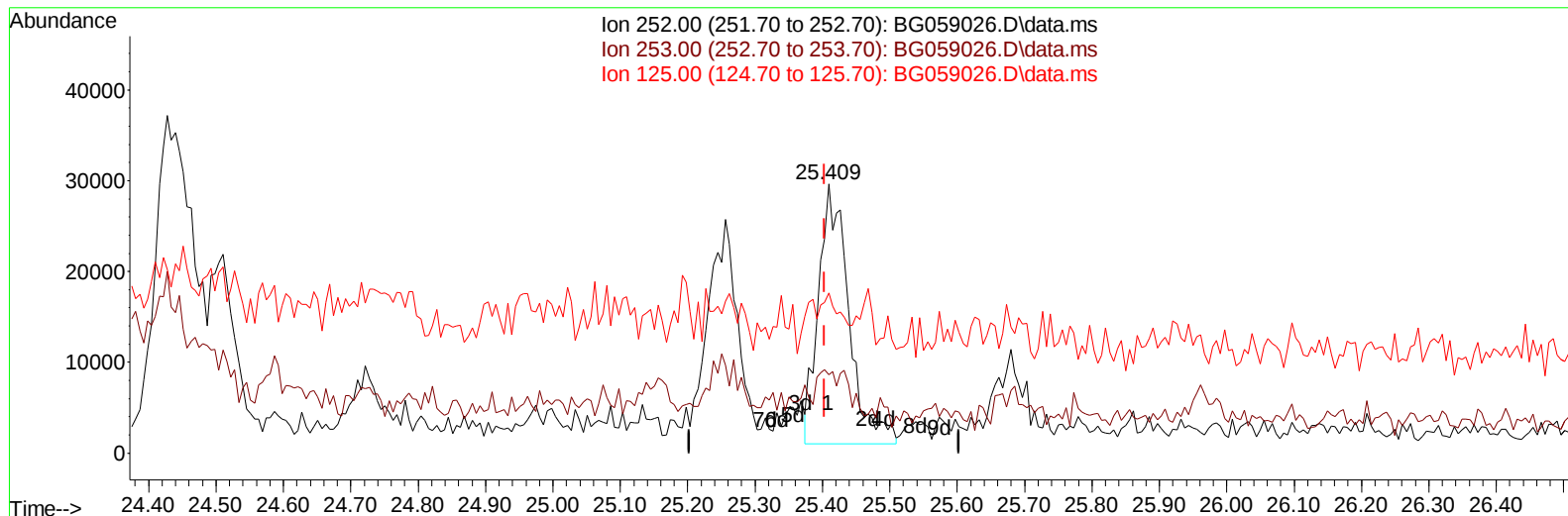
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
Data File : BG059026.D
Acq On : 13 Sep 2023 2:11
Operator : MA/JU
Sample : 04175-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EZYD3

Manual IntegrationsAPPROVED

Quant Time: Sep 13 03:13:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 12 23:54:19 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/14/2023



TIC: BG059026.D\data.ms

(93) Benzo(a)pyrene (C)

25.409min (+ 0.006) 2.70 ng/ul m

response 88895

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.40	29.18#
125.00	6.60	59.57#
0.00	0.00	0.00

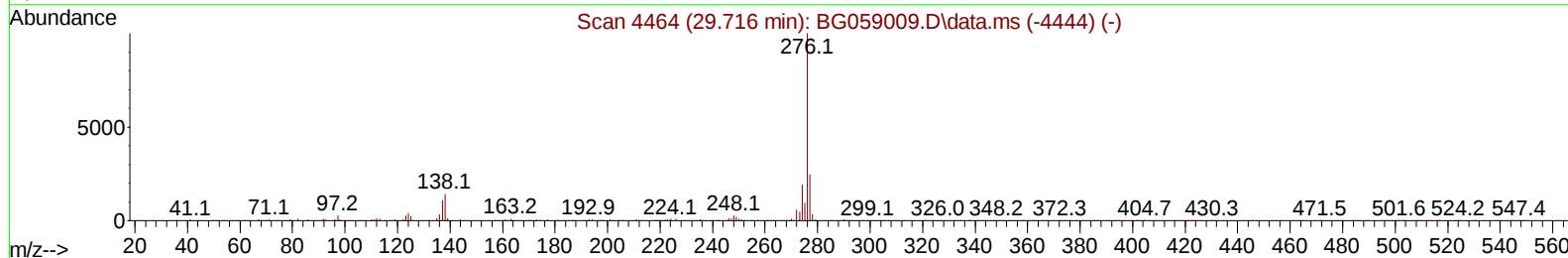
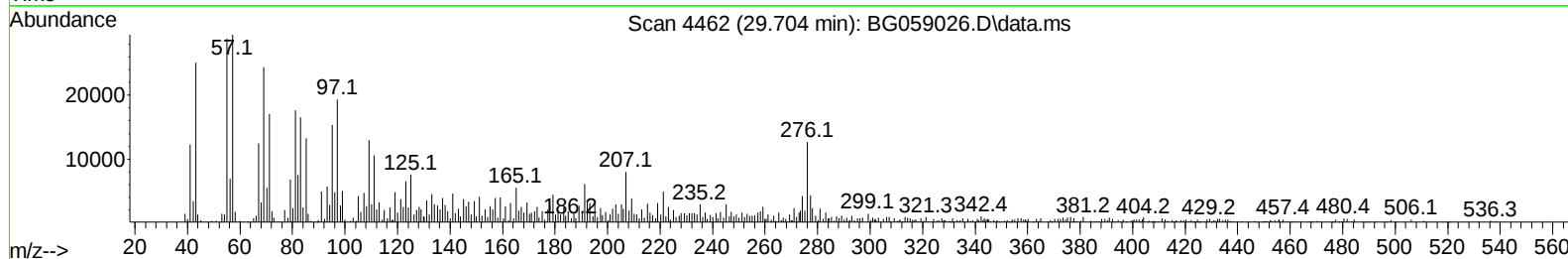
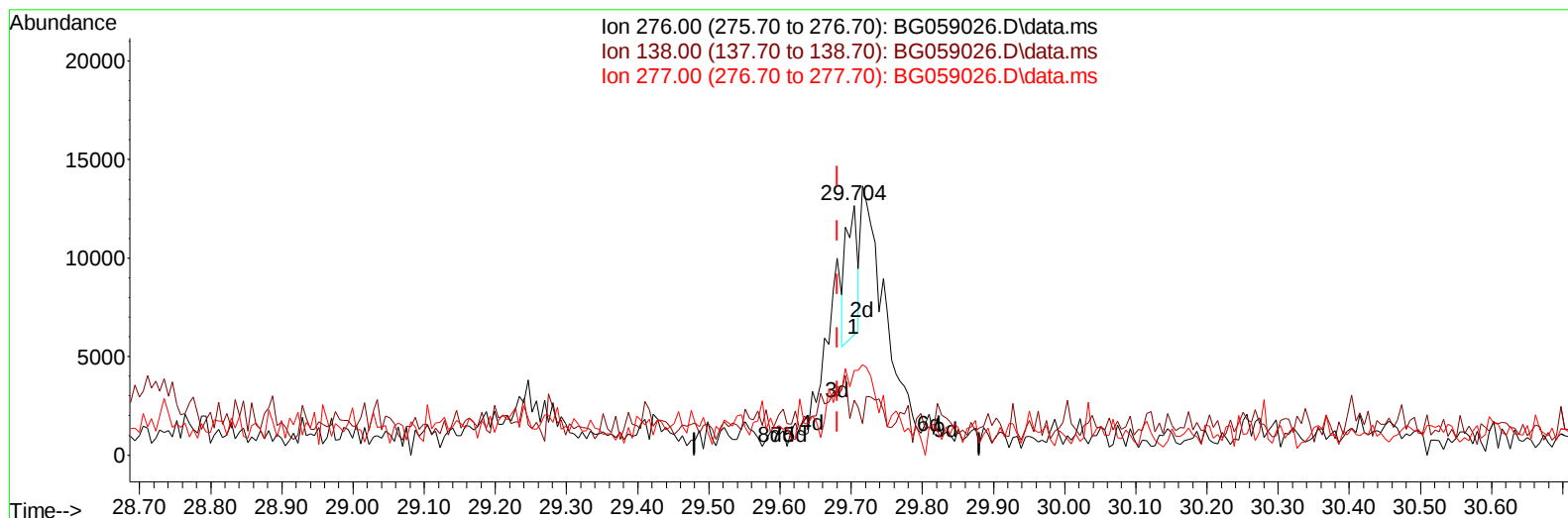
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
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 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Sep 13 03:14:18 2023
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 Supervised By :mohammad ahmed 09/14/2023



TIC: BG059026.D\data.ms

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

29.704min (+ 0.024) 0.18 ng/u1

response 7458

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.80	22.03#
277.00	25.90	33.93#
0.00	0.00	0.00

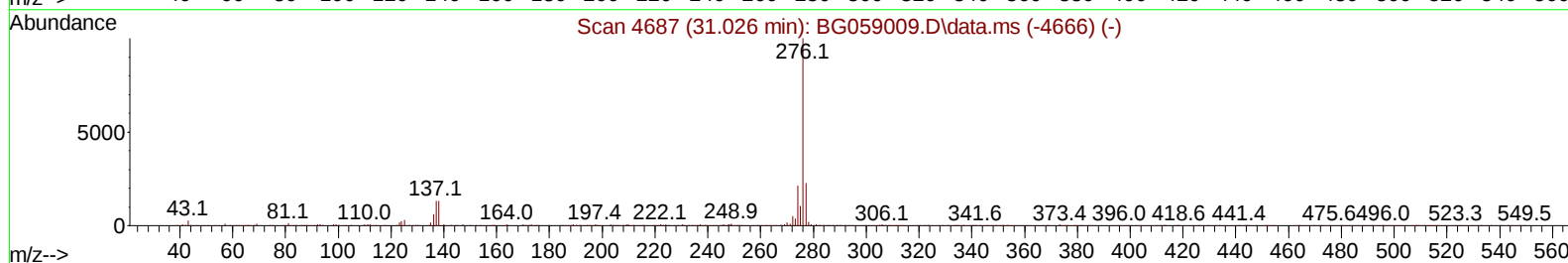
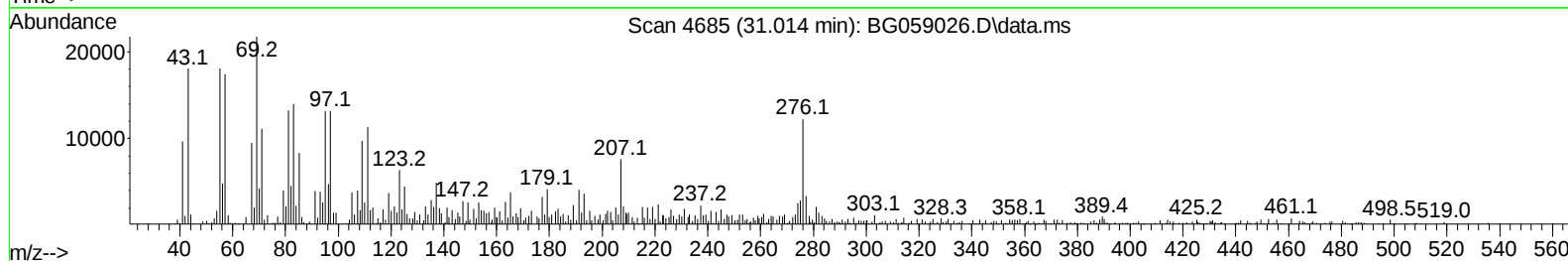
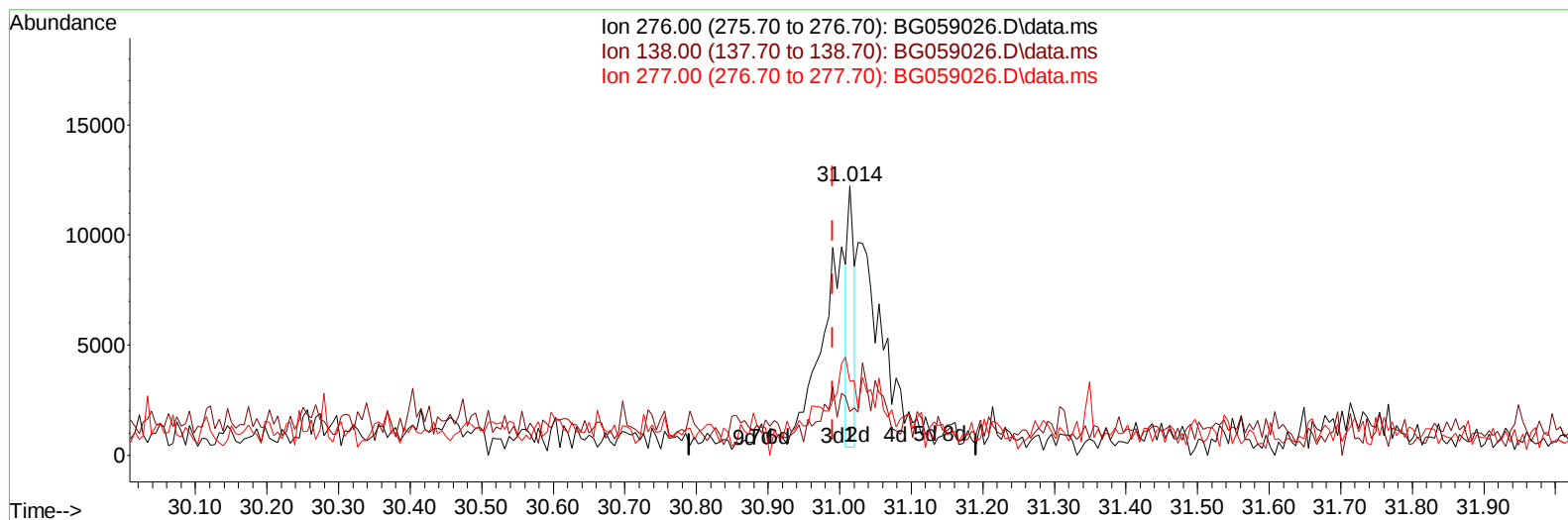
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
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Acq On : 13 Sep 2023 2:11
Operator : MA/JU
Sample : 04175-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EZYD3

Manual IntegrationsAPPROVED

Quant Time: Sep 13 03:14:18 2023
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TIC: BG059026.D\data.ms

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

31.014min (+ 0.024) 0.21 ng/u1

response 7069

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.30	16.25
277.00	21.80	27.58#
0.00	0.00	0.00

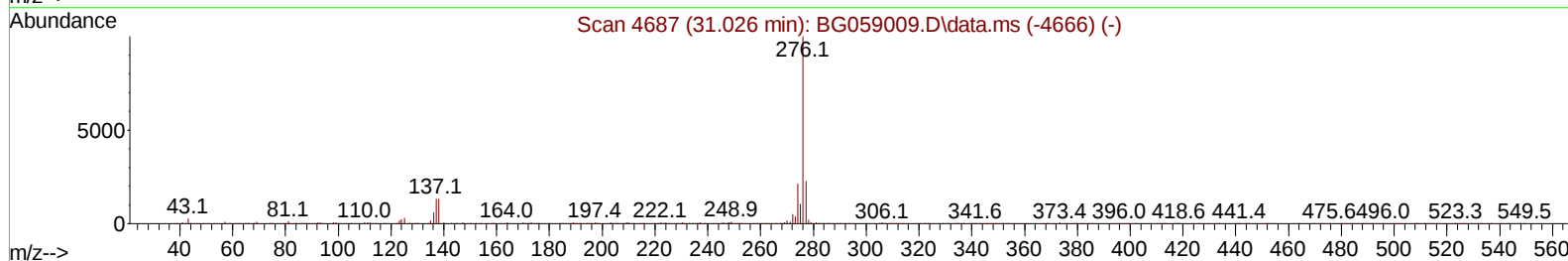
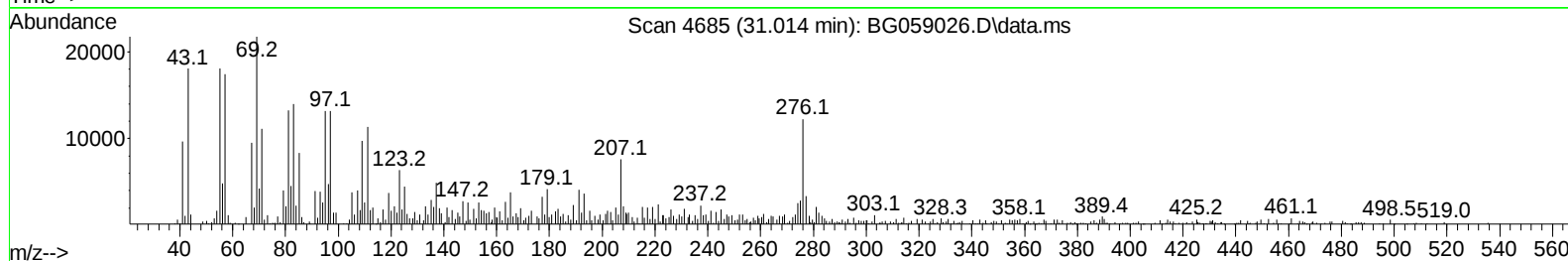
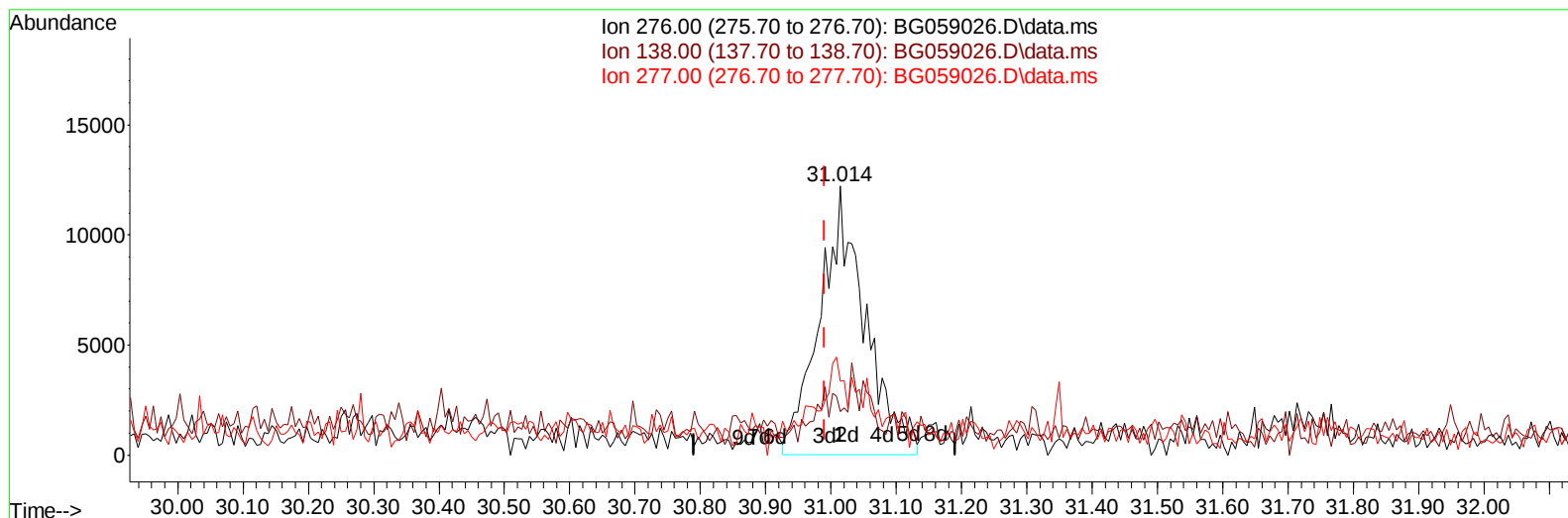
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Manual IntegrationsAPPROVED

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TIC: BG059026.D\data.ms

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

31.014min (+ 0.024) 1.78 ng/ul m

response 58744

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.30	16.25
277.00	21.80	27.58#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
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 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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 EZYD3

Manual IntegrationsAPPROVED

Quant Time: Sep 13 03:15:05 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.311	152	80365	20.000	ng/ul	0.00
20) Naphthalene-d8	11.155	136	371551	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.933	164	262339	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.689	188	581750	20.000	ng/ul	# 0.00
79) Chrysene-d12	22.019	240	511190	20.000	ng/ul	# 0.00
88) Perylene-d12	25.597	264	592909	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.635	96	3818	2.019	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.418	99	85143	10.506	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.624	67	58963	12.408	ng/ul	0.00
11) 2-Chlorophenol-d4	7.824	132	62420	12.009	ng/ul	0.00
15) 4-Methylphenol-d8	8.993	113	21553	3.442	ng/ul	0.00
21) Nitrobenzene-d5	9.504	128	33990	12.612	ng/ul	0.00
24) 2-Nitrophenol-d4	10.221	143	43519	14.716	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.750	165	66492	10.579	ng/ul	0.00
31) 4-Chloroaniline-d4	11.296	131	51018	6.036	ng/ul	0.00
46) Dimethylphthalate-d6	14.328	166	299470	14.716	ng/ul	0.00
49) Acenaphthylene-d8	14.639	160	330694	14.594	ng/ul	0.00
54) 4-Nitrophenol-d4	15.103	143	31581	9.343	ng/ul	0.00
60) Fluorene-d10	15.920	176	290110	16.065	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.026	200	32377	11.338	ng/ul	0.00
73) Anthracene-d10	17.783	188	400341m	15.502	ng/ul	0.00
81) Pyrene-d10	20.062	212	457095	16.880	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.339	264	444217	15.284	ng/ul	0.02
Target Compounds						
					Qvalue	
16) Acetophenone	9.157	105	16272	1.568	ng/ul#	89
30) Naphthalene	11.202	128	20404	1.042	ng/ul#	91
72) Phenanthrene	17.730	178	63350	2.146	ng/ul#	86
78) Di-n-butylphthalate	18.605	149	170192	6.109	ng/ul#	95
80) Fluoranthene	19.722	202	132184	4.204	ng/ul#	96
82) Pyrene	20.092	202	133369	4.080	ng/ul	99
85) Benzo(a)anthracene	21.995	228	63248	1.845	ng/ul#	64
86) Bis(2-ethylhexyl)phtha...	21.837	149	1086853	70.248	ng/ul	99
87) Chrysene	22.072	228	120809m	3.791	ng/ul	
90) Benzo(b)fluoranthene	24.428	252	135208	3.828	ng/ul#	17
91) Benzo(k)fluoranthene	24.510	252	46690	1.294	ng/ul#	2
93) Benzo(a)pyrene	25.409	252	88895m	2.698	ng/ul	
94) Indeno(1,2,3-cd)pyrene	29.716	276	68087m	1.635	ng/ul	
96) Benzo(g,h,i)perylene	31.014	276	58744m	1.782	ng/ul	

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

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Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 09/14/2023

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