

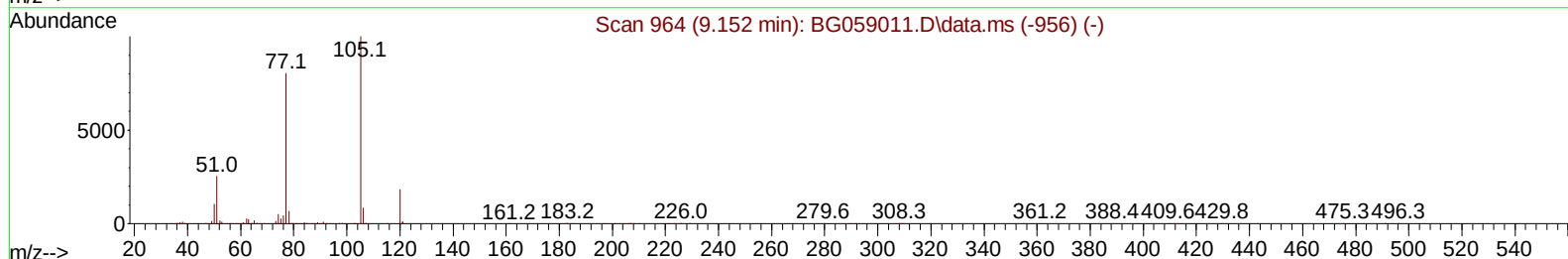
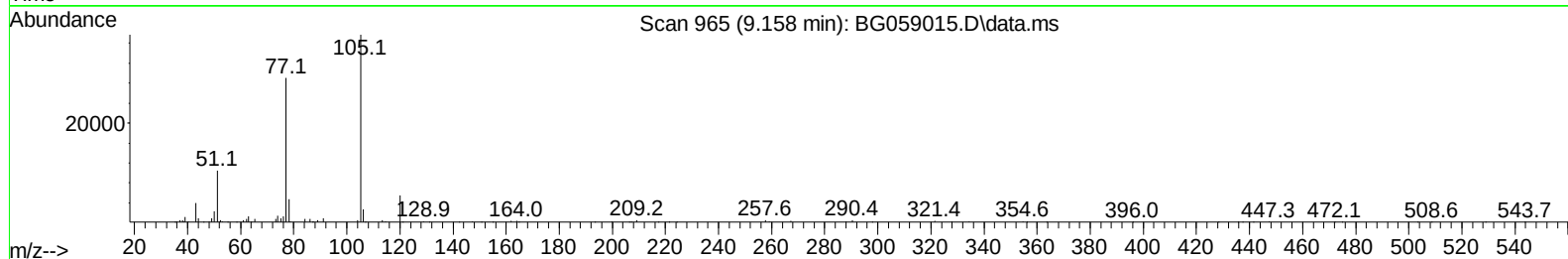
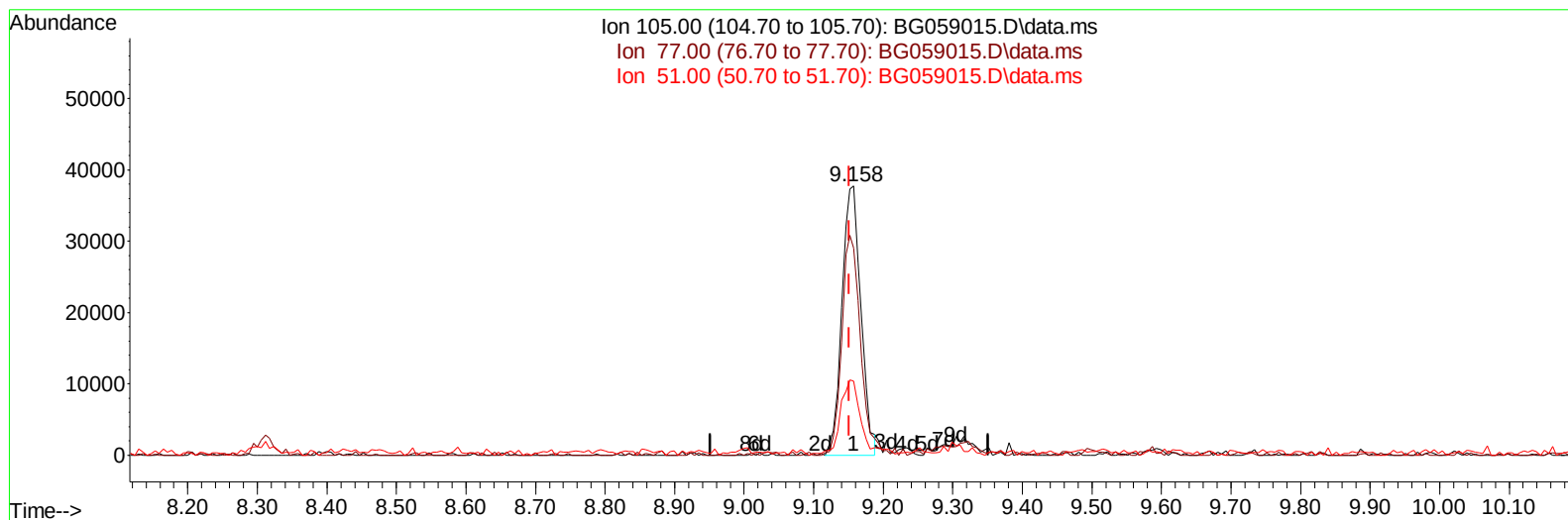
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
 Data File : BG059015.D
 Acq On : 12 Sep 2023 17:57
 Operator : MA/JU
 Sample : 04235-02RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYD9RE

Manual IntegrationsAPPROVED

Quant Time: Sep 12 23:56:49 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: BG059015.D\data.ms

(16) Acetophenone

9.158min (+ 0.006) 5.75 ng/uL

response 71667

Ion	Exp%	Act%
105.00	100.00	100.00
77.00	84.10	76.96
51.00	24.10	27.60
0.00	0.00	0.00

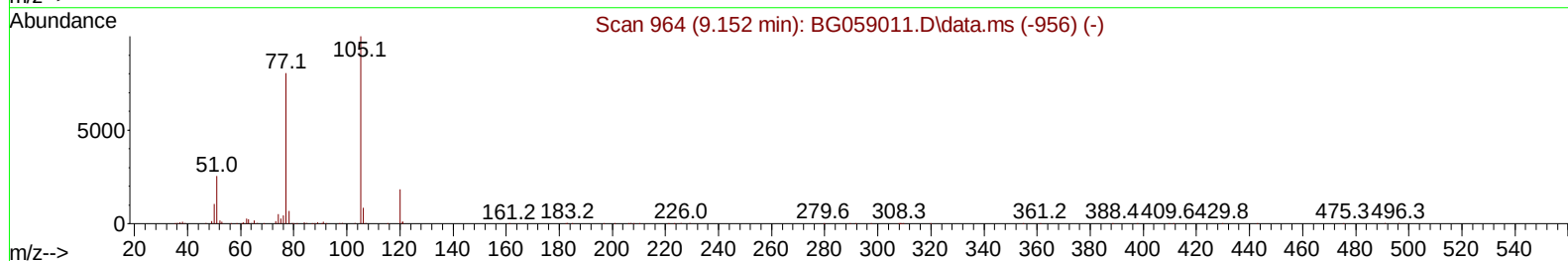
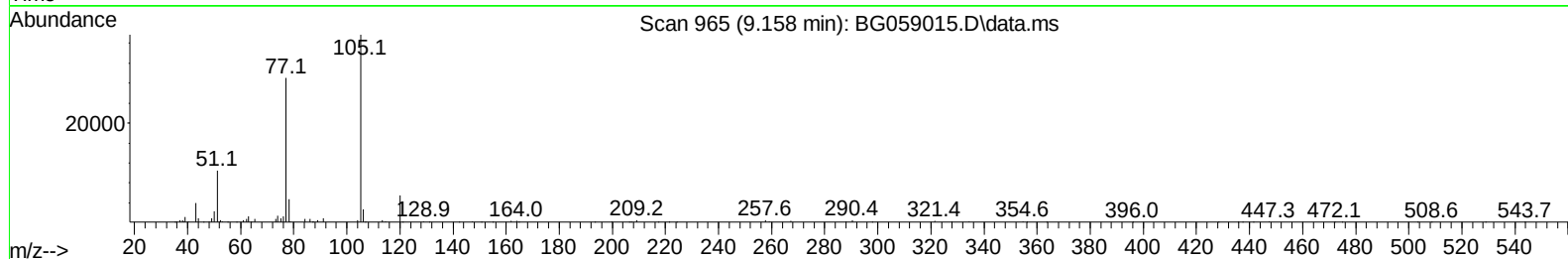
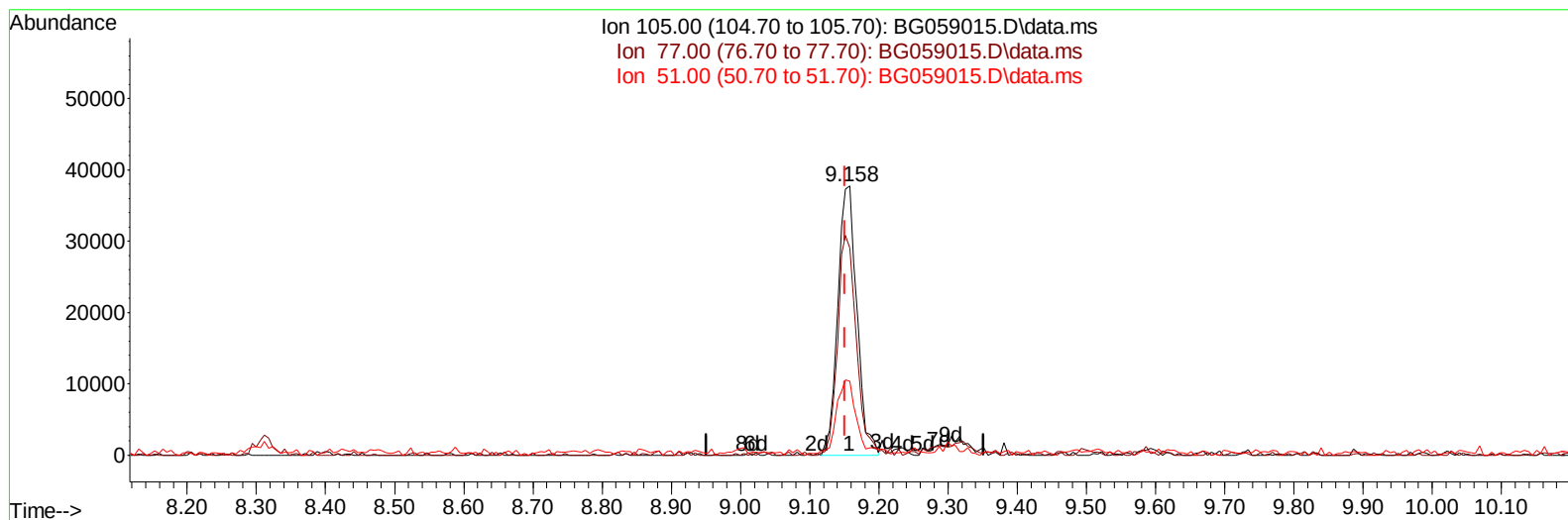
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
Data File : BG059015.D
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Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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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: BG059015.D\data.ms

(16) Acetophenone

9.158min (+ 0.006) 5.82 ng/ul m

response 72530

Ion	Exp%	Act%
105.00	100.00	100.00
77.00	84.10	76.96
51.00	24.10	27.60
0.00	0.00	0.00

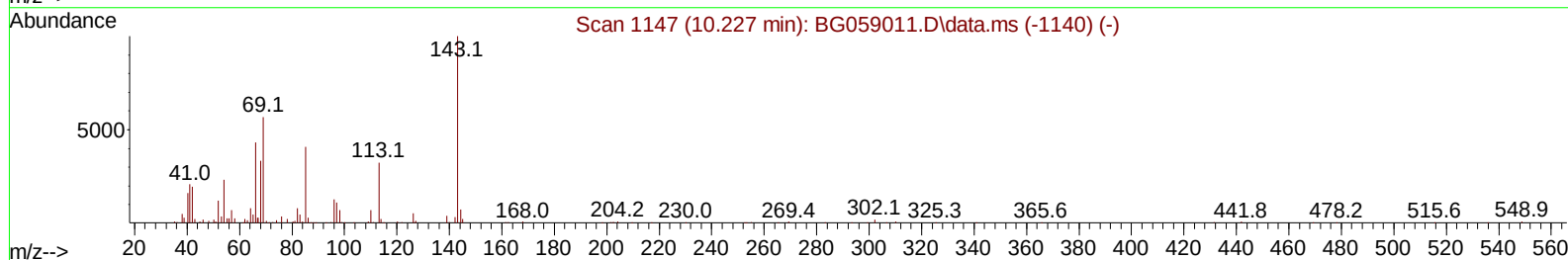
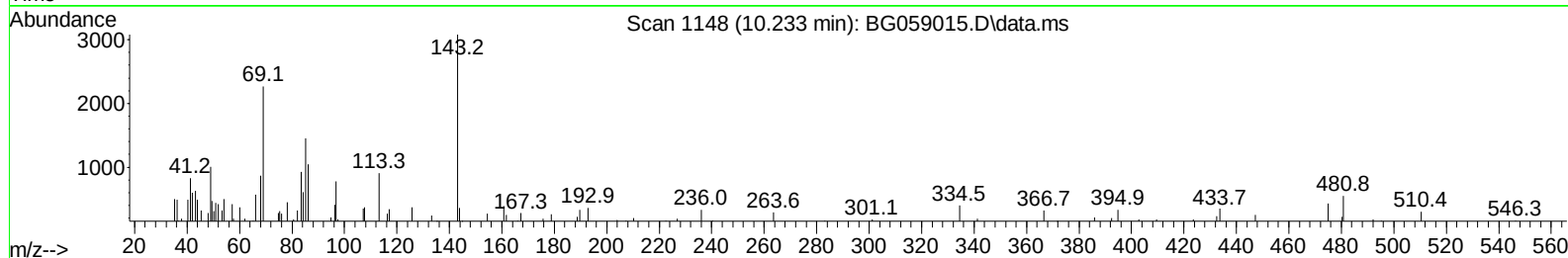
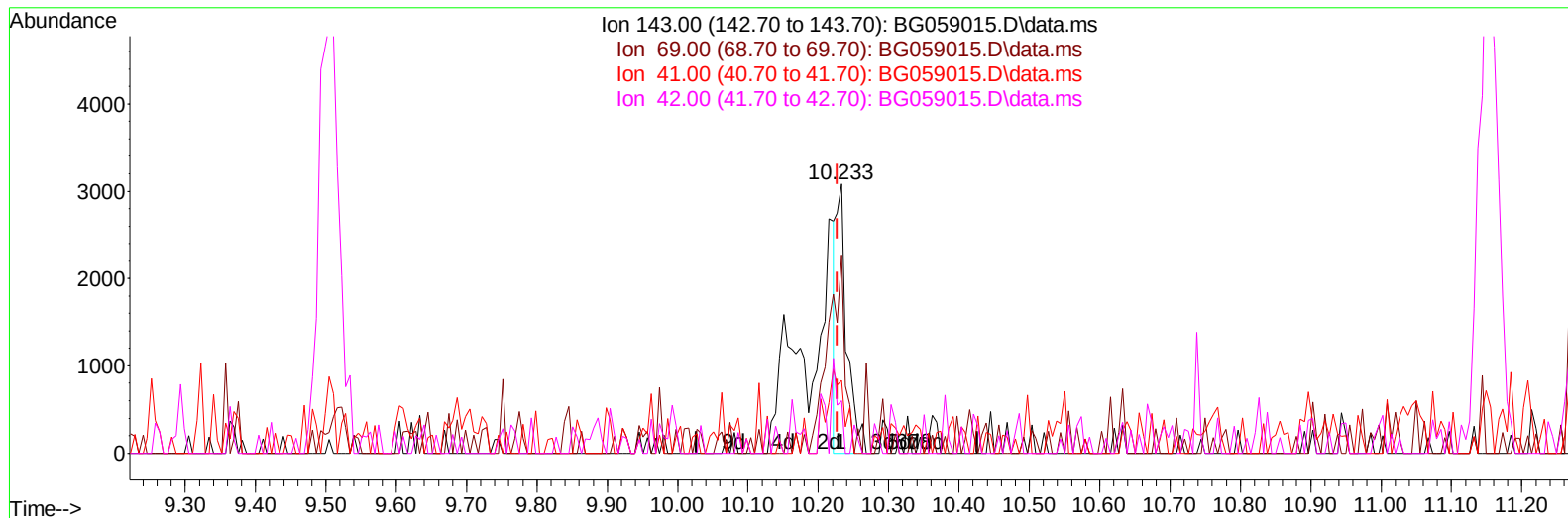
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
Data File : BG059015.D
Acq On : 12 Sep 2023 17:57
Operator : MA/JU
Sample : 04235-02RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EZYD9RE

Manual IntegrationsAPPROVED

Quant Time: Sep 12 23:56:49 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
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TIC: BG059015.D\data.ms

(24) 2-Nitrophenol-d4 (S)

10.233min (+ 0.006) 0.85 ng/ul

response 3226

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	54.30	73.71#
41.00	14.50	26.91#
42.00	23.60	19.54

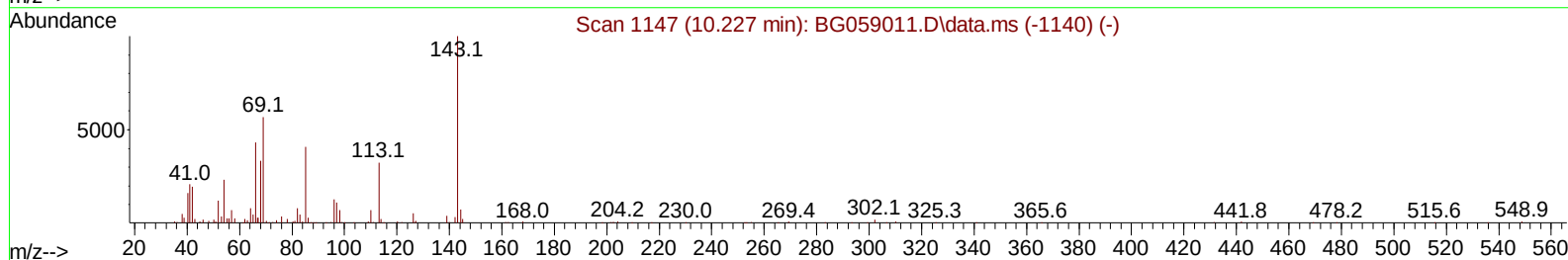
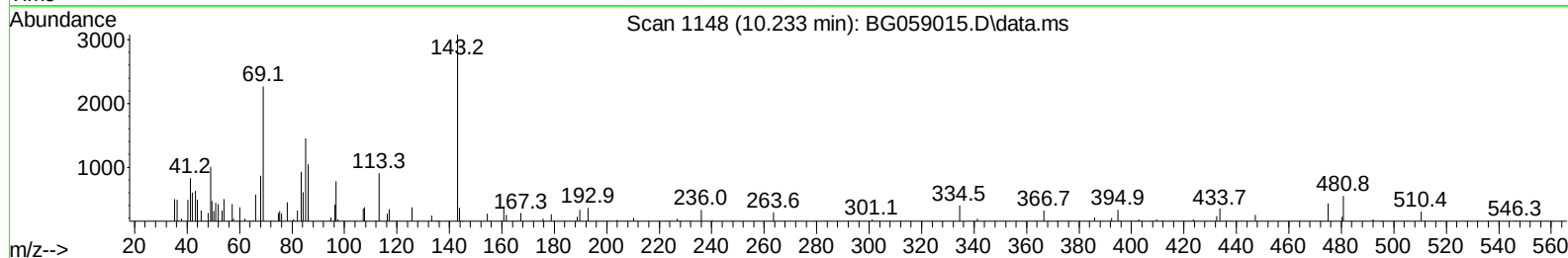
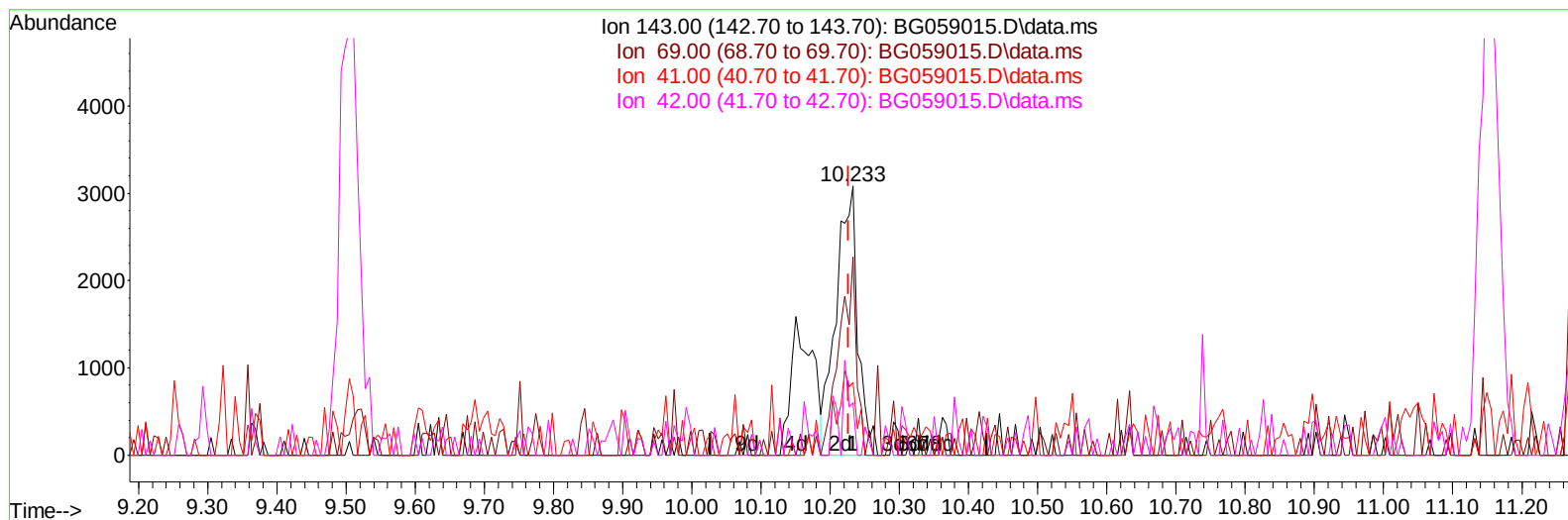
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
Data File : BG059015.D
Acq On : 12 Sep 2023 17:57
Operator : MA/JU
Sample : 04235-02RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EZYD9RE

Manual IntegrationsAPPROVED

Quant Time: Sep 12 23:56:49 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
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Reviewed By :Yogesh Patel 09/13/2023
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TIC: BG059015.D\data.ms

(24) 2-Nitrophenol-d4 (S)

10.233min (+ 0.006) 1.78 ng/ul m

response 6732

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	54.30	73.71#
41.00	14.50	26.91#
42.00	23.60	19.54

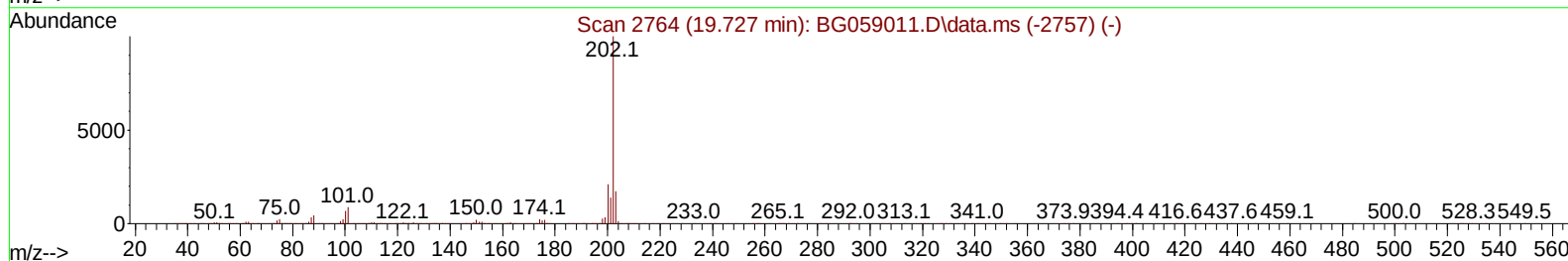
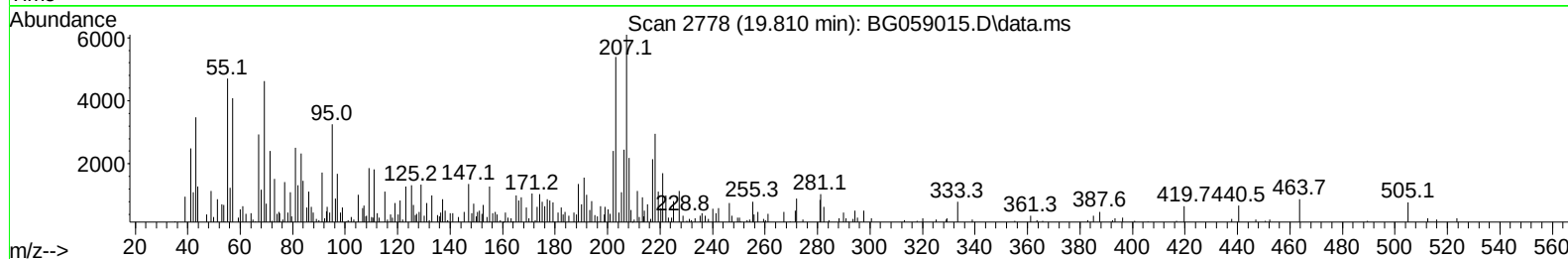
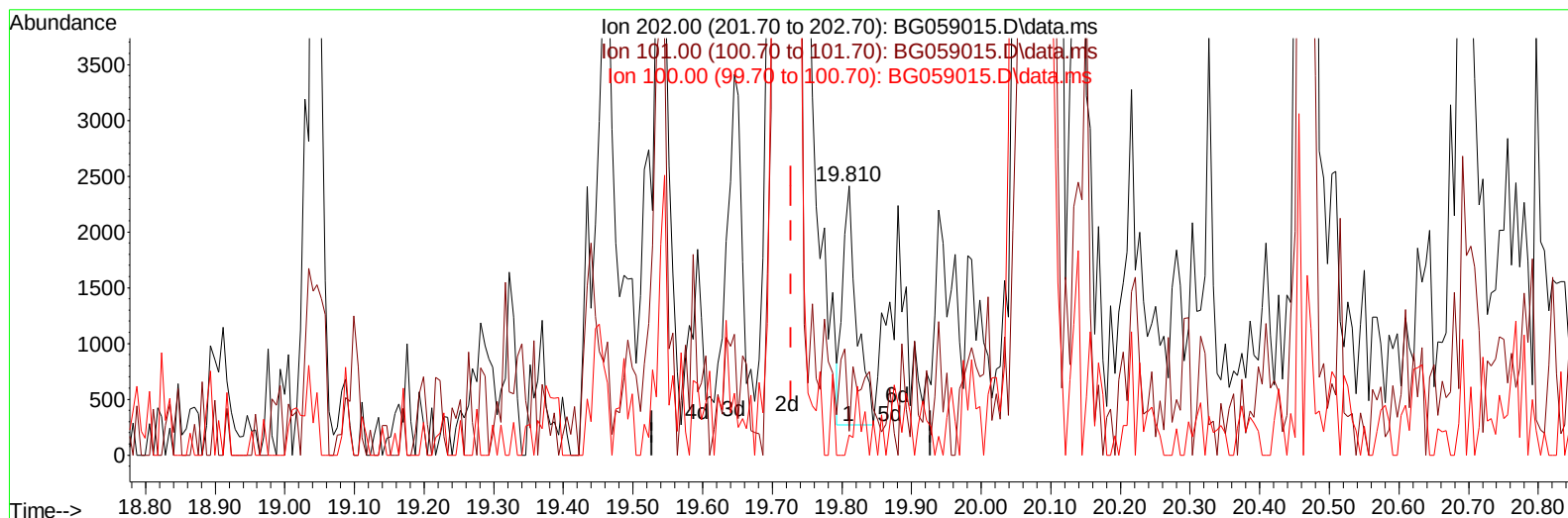
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
 Data File : BG059015.D
 Acq On : 12 Sep 2023 17:57
 Operator : MA/JU
 Sample : 04235-02RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EYZD9RE

Manual IntegrationsAPPROVED

Quant Time: Sep 13 00:11:34 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
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Reviewed By :Yogesh Patel 09/13/2023
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TIC: BG059015.D\data.ms

(80) Fluoranthene

19.810min (+ 0.083) 0.05 ng/u1

response 2992

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	7.60	8.92
100.00	7.40	7.43
0.00	0.00	0.00

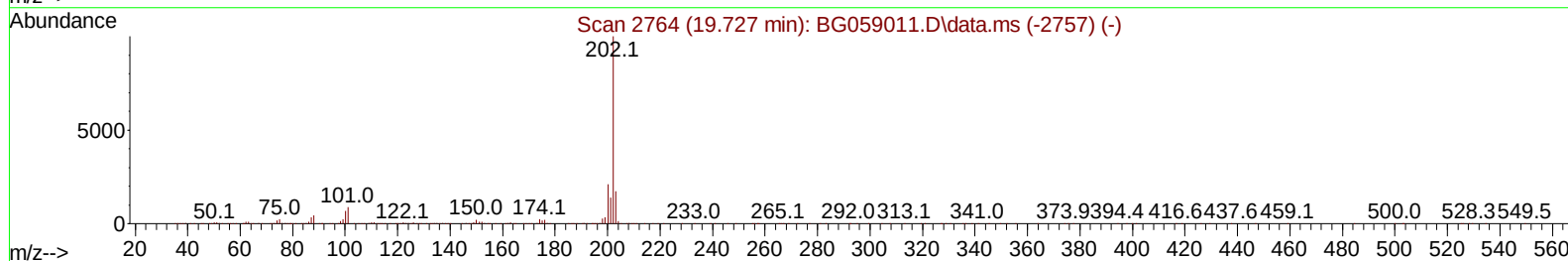
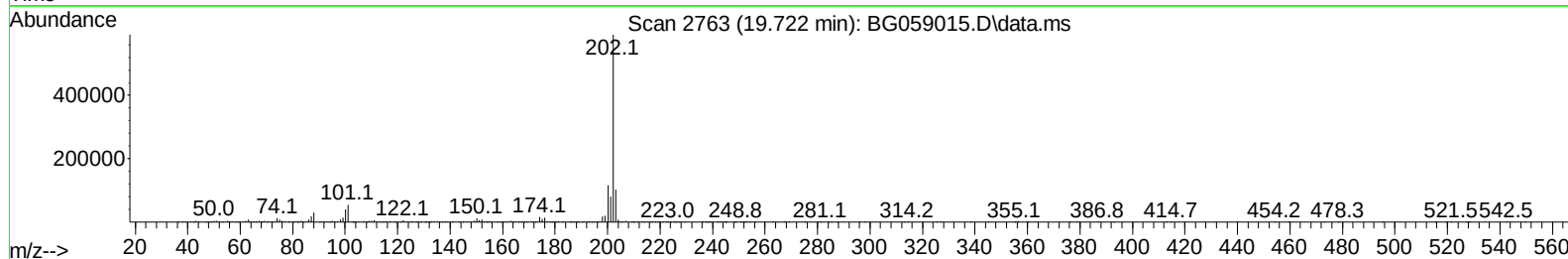
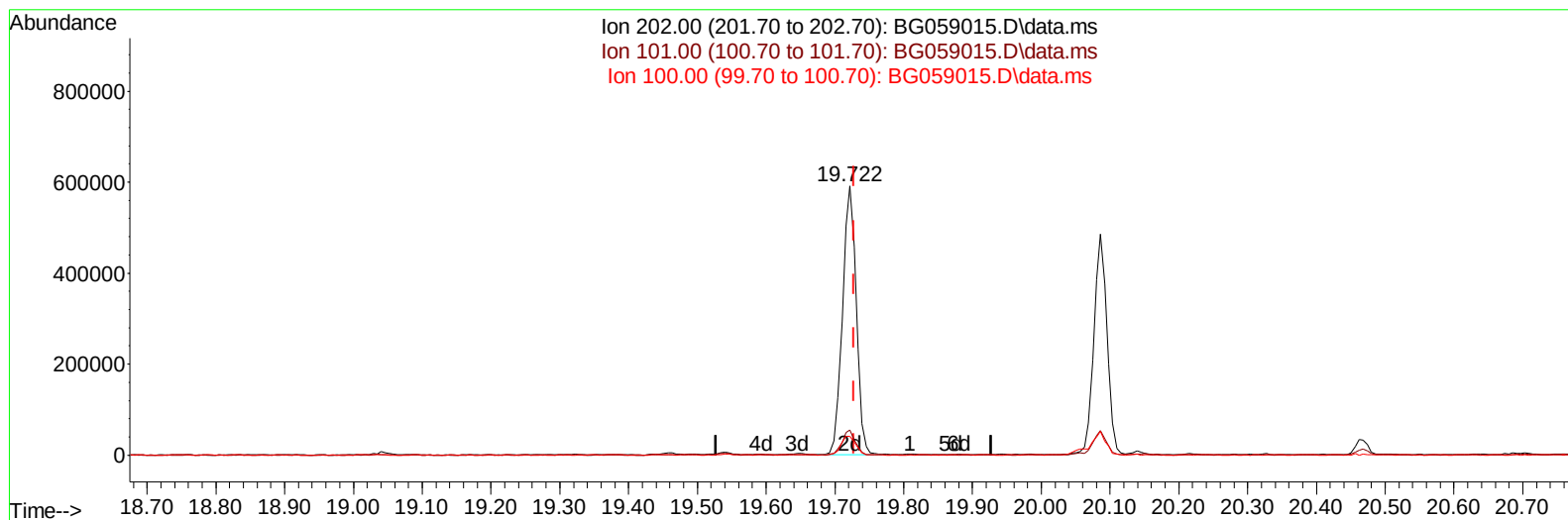
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
 Data File : BG059015.D
 Acq On : 12 Sep 2023 17:57
 Operator : MA/JU
 Sample : 04235-02RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYD9RE

Manual IntegrationsAPPROVED

Quant Time: Sep 13 00:11:34 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
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Reviewed By :Yogesh Patel 09/13/2023
 Supervised By :mohammad ahmed 09/14/2023



TIC: BG059015.D\data.ms

(80) Fluoranthene

19.722min (-0.005) 14.98 ng/ul m

response 825756

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	7.60	9.28#
100.00	7.40	6.97
0.00	0.00	0.00

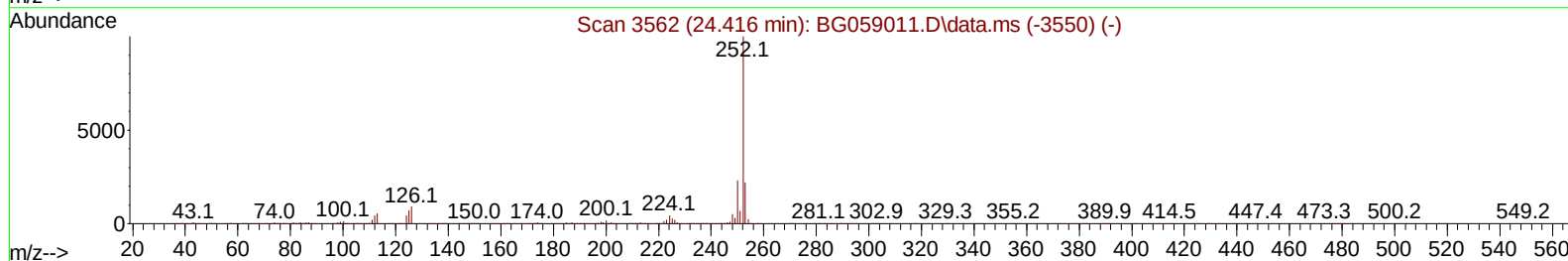
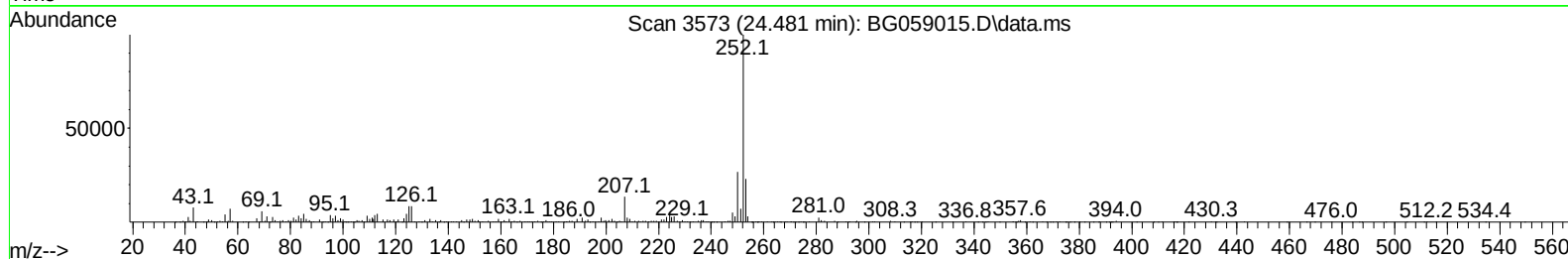
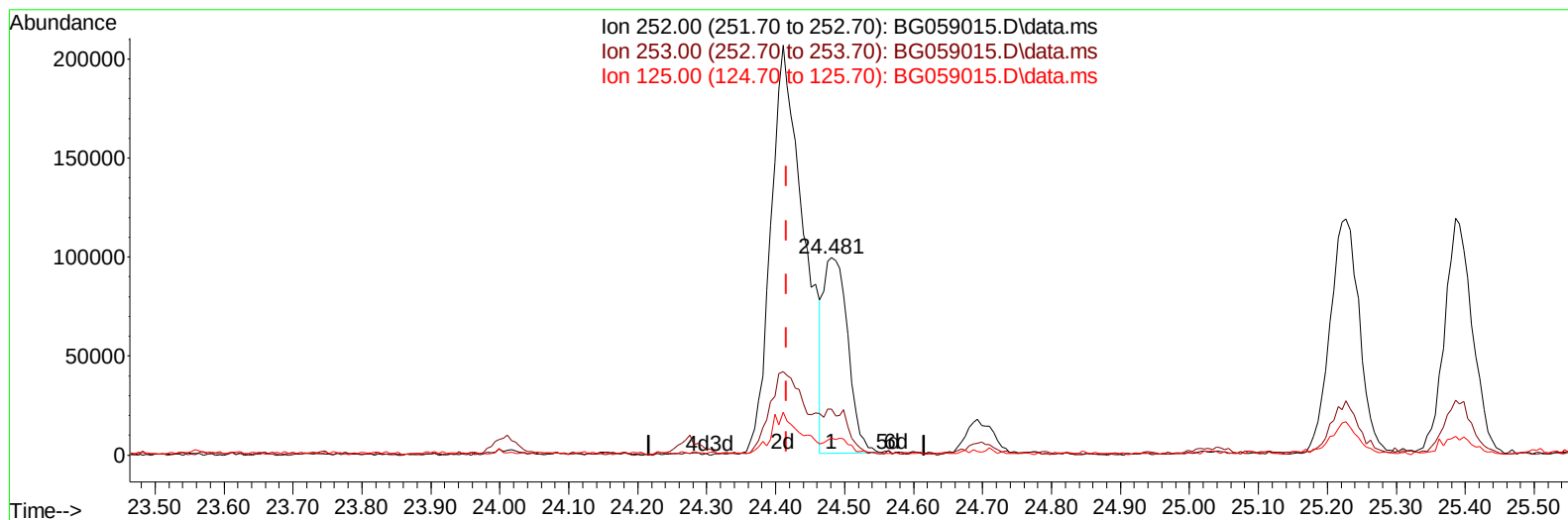
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
 Data File : BG059015.D
 Acq On : 12 Sep 2023 17:57
 Operator : MA/JU
 Sample : 04235-02RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYD9RE

Manual IntegrationsAPPROVED

Quant Time: Sep 13 00:13:01 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: BG059015.D\data.ms

(90) Benzo(b)fluoranthene

24.481min (+ 0.065) 3.97 ng/u1

response 241911

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	23.24
125.00	7.70	8.47
0.00	0.00	0.00

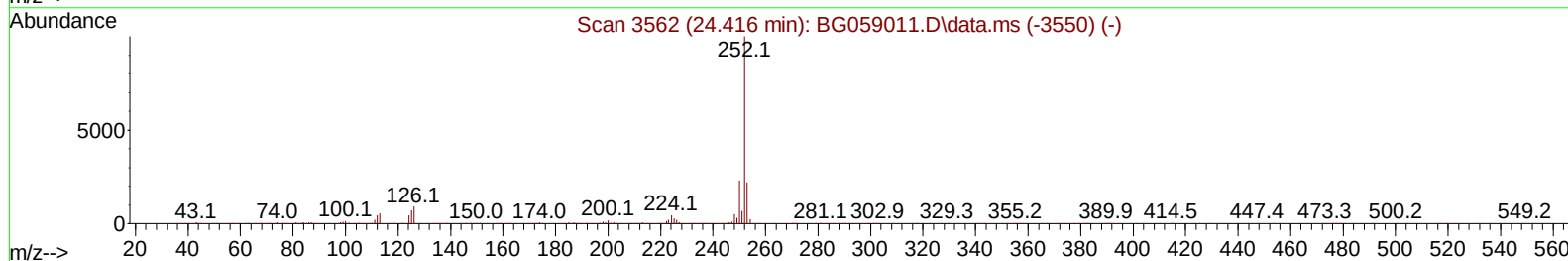
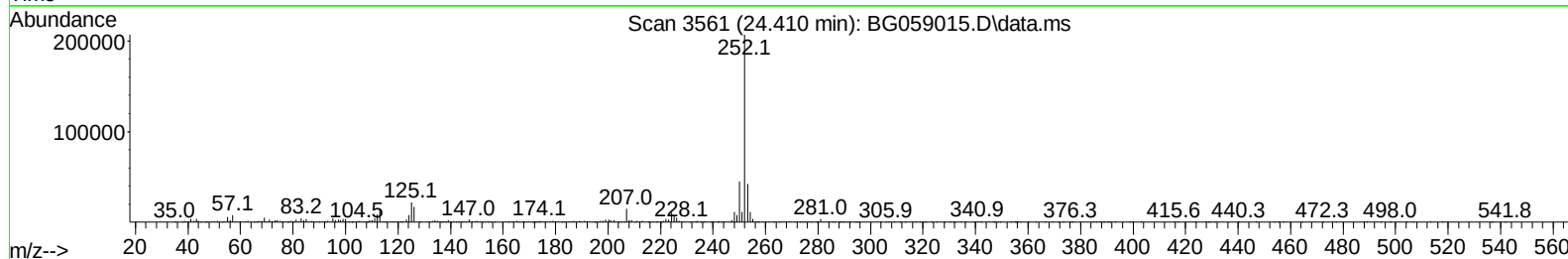
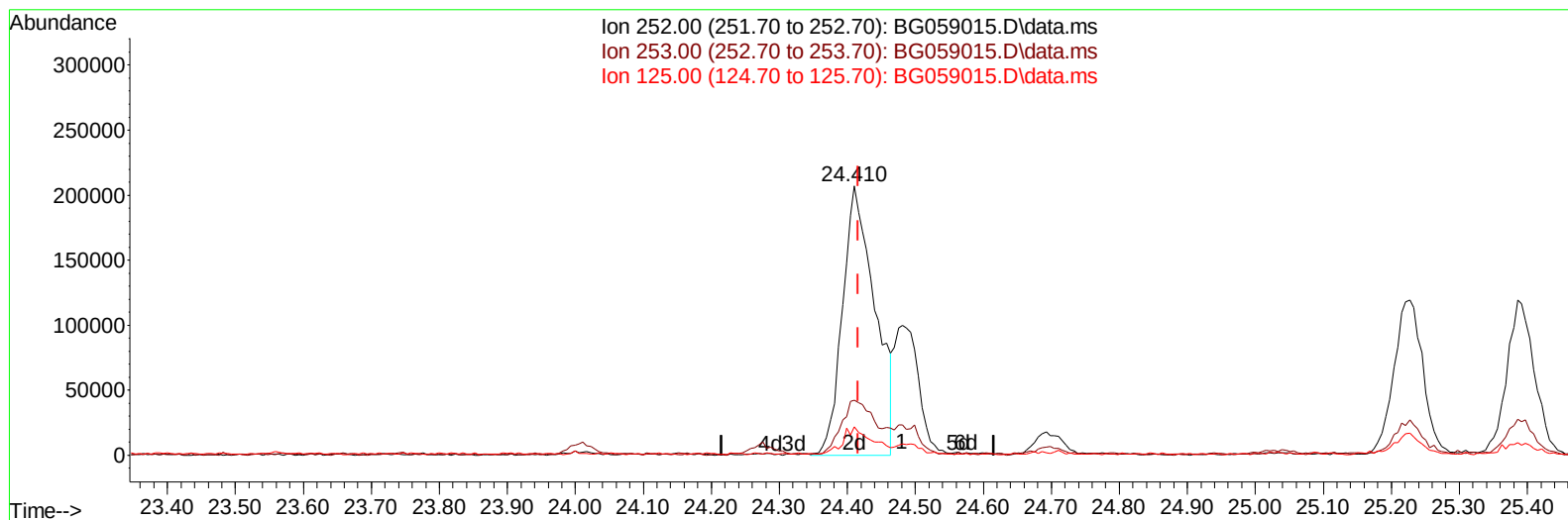
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
 Data File : BG059015.D
 Acq On : 12 Sep 2023 17:57
 Operator : MA/JU
 Sample : 04235-02RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYD9RE

Manual IntegrationsAPPROVED

Quant Time: Sep 13 00:13:01 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: BG059015.D\data.ms

(90) Benzo(b)fluoranthene

24.410min (-0.006) 11.25 ng/ul m

response 686094

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	20.31
125.00	7.70	10.53#
0.00	0.00	0.00

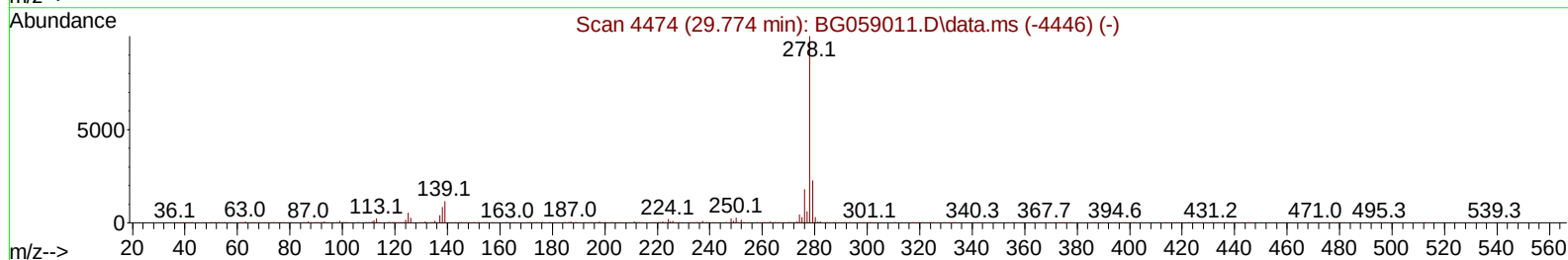
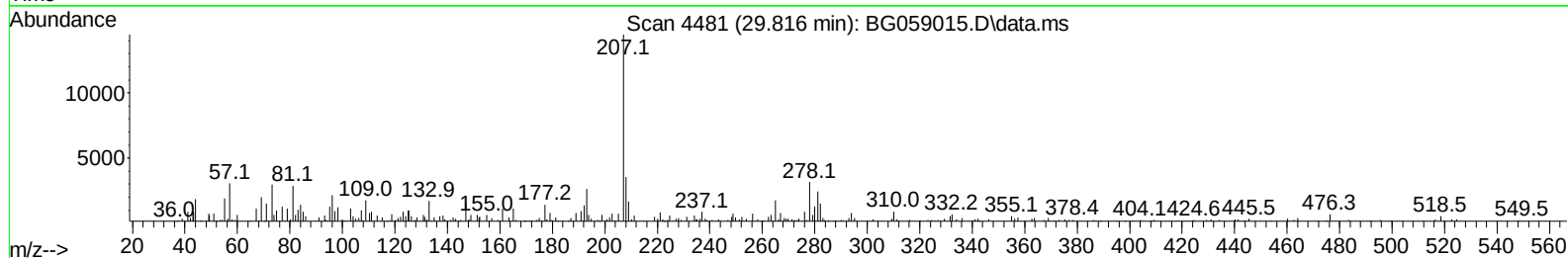
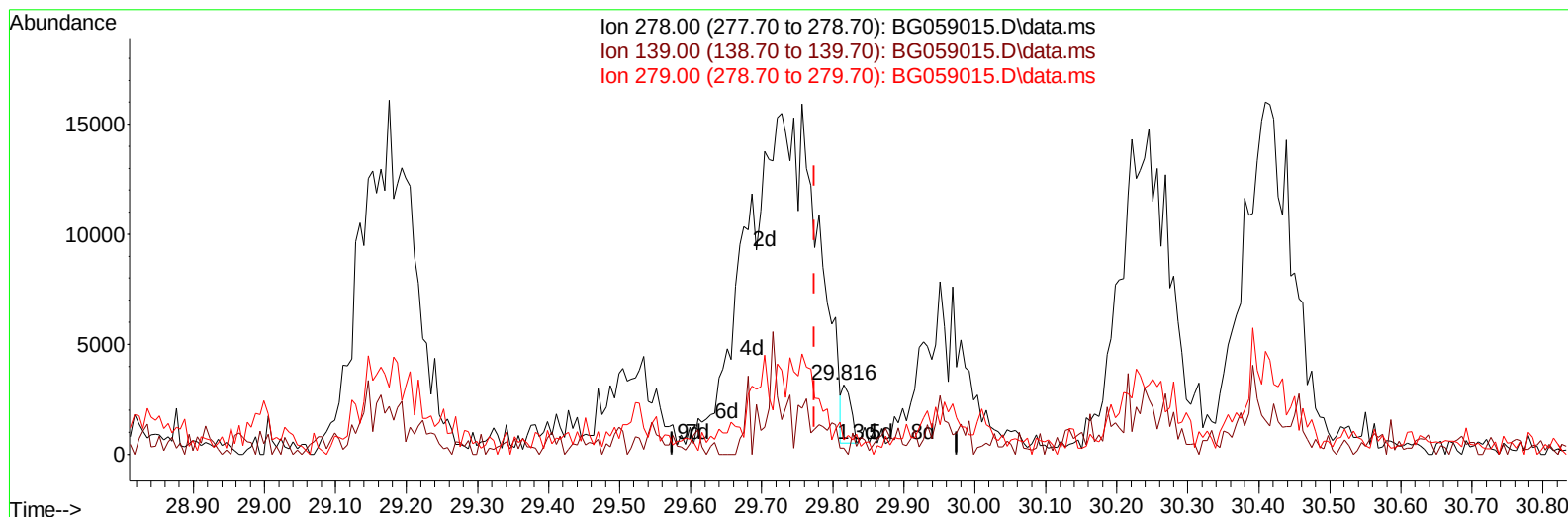
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
 Data File : BG059015.D
 Acq On : 12 Sep 2023 17:57
 Operator : MA/JU
 Sample : 04235-02RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYD9RE

Manual IntegrationsAPPROVED

Quant Time: Sep 13 00:13:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
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TIC: BG059015.D\data.ms

(95) Dibenzo(a,h)anthracene

29.816min (+ 0.042) 0.04 ng/u1

response 2199

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	12.30	9.06#
279.00	23.10	20.66
0.00	0.00	0.00

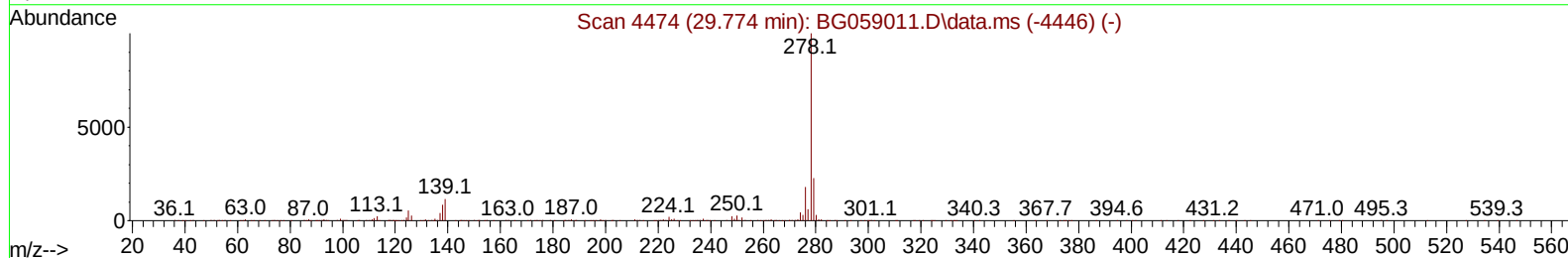
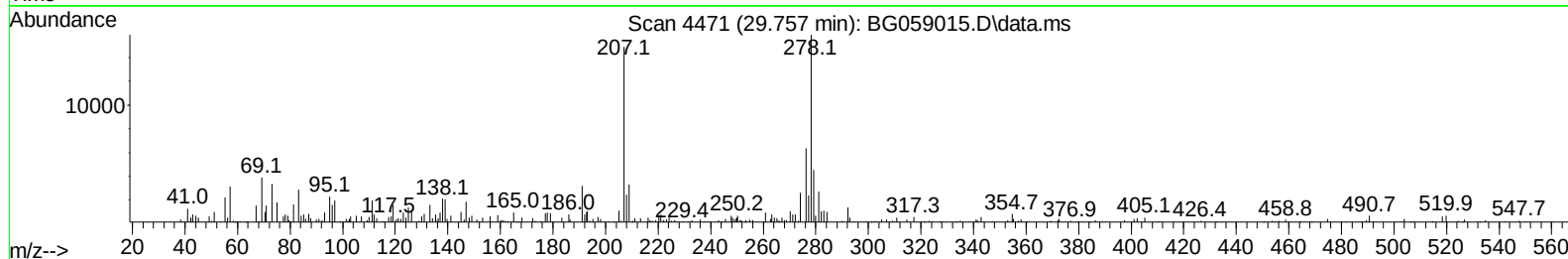
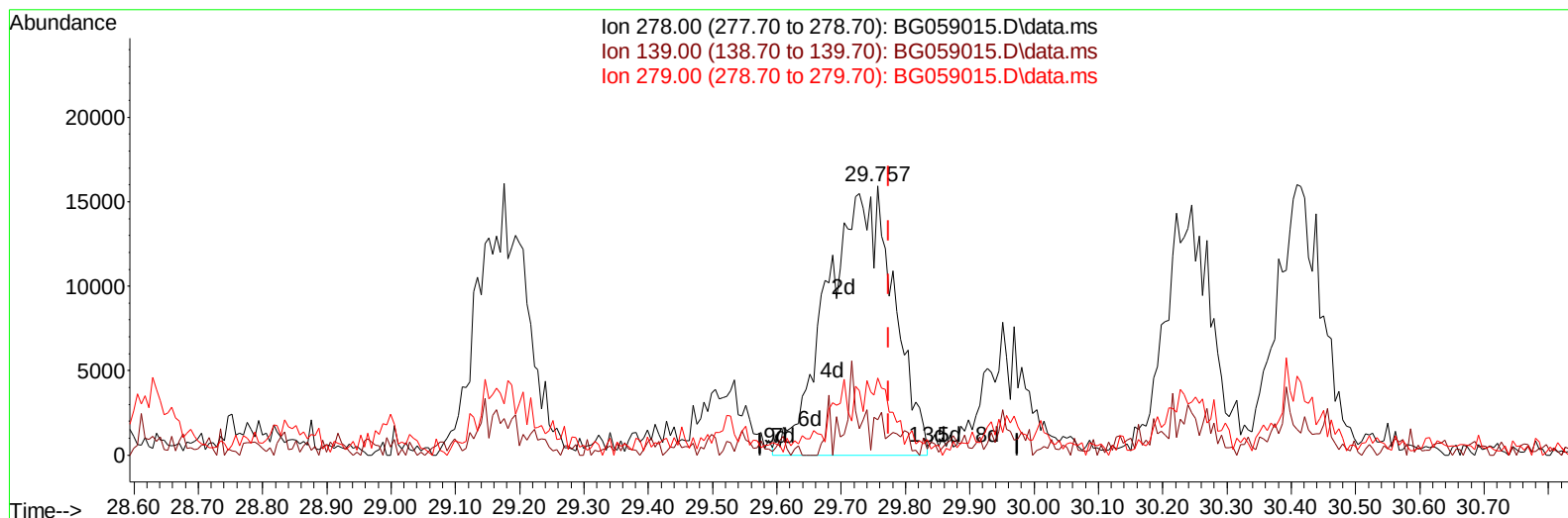
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 Data File : BG059015.D
 Acq On : 12 Sep 2023 17:57
 Operator : MA/JU
 Sample : 04235-02RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYD9RE

Manual IntegrationsAPPROVED

Quant Time: Sep 13 00:13:37 2023
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 Supervised By :mohammad ahmed 09/14/2023



TIC: BG059015.D\data.ms

(95) Dibenzo(a,h)anthracene

29.757min (-0.017) 1.90 ng/ul m

response 113423

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	12.30	13.03
279.00	23.10	28.64#
0.00	0.00	0.00

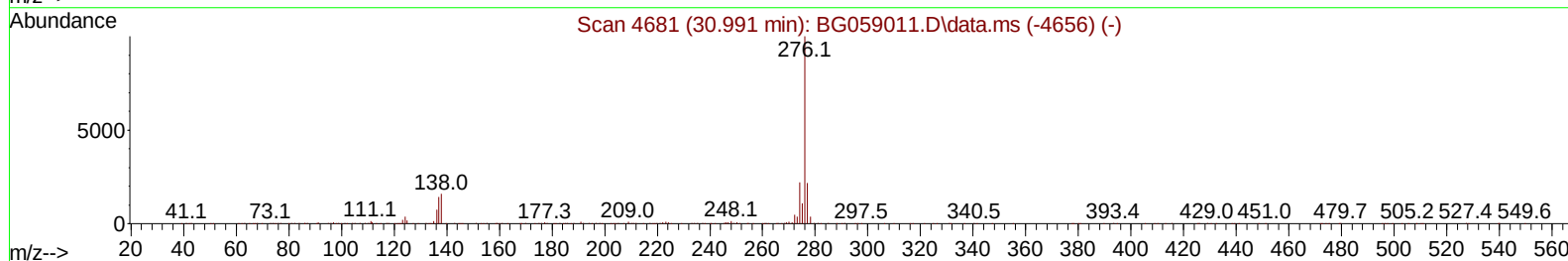
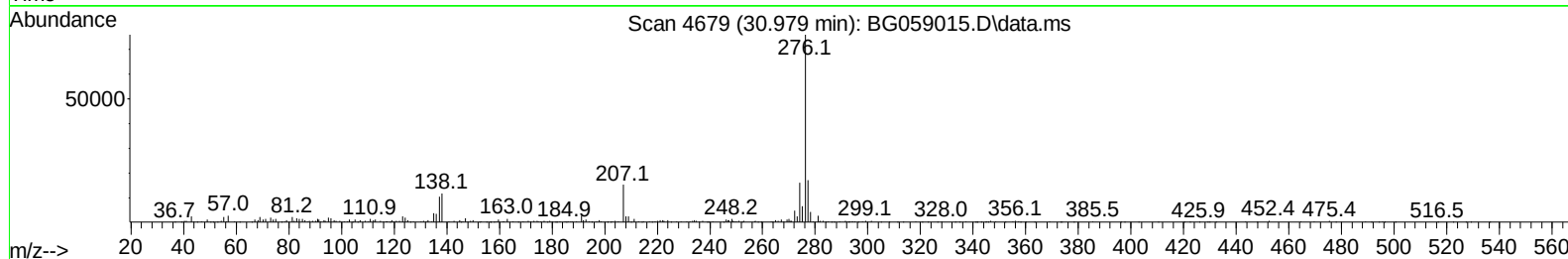
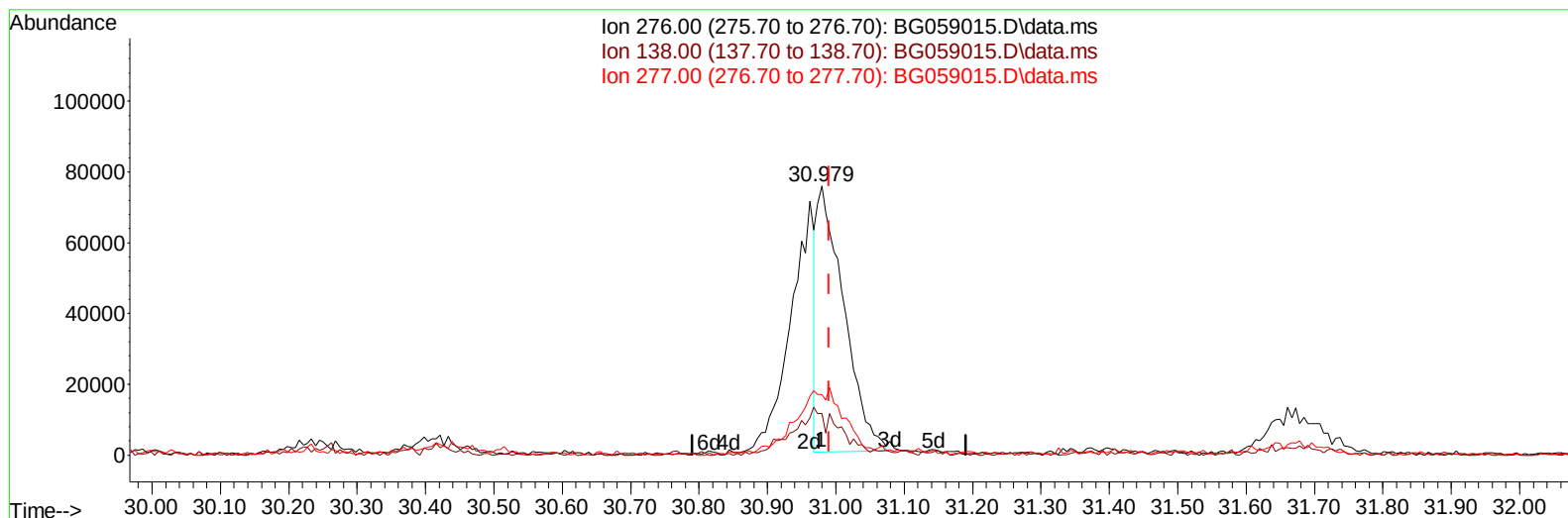
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
 Data File : BG059015.D
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 Operator : MA/JU
 Sample : 04235-02RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Sep 13 00:13:37 2023
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 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: BG059015.D\data.ms

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

30.979min (-0.011) 3.63 ng/u1

response 206646

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.30	15.45
277.00	21.80	22.47
0.00	0.00	0.00

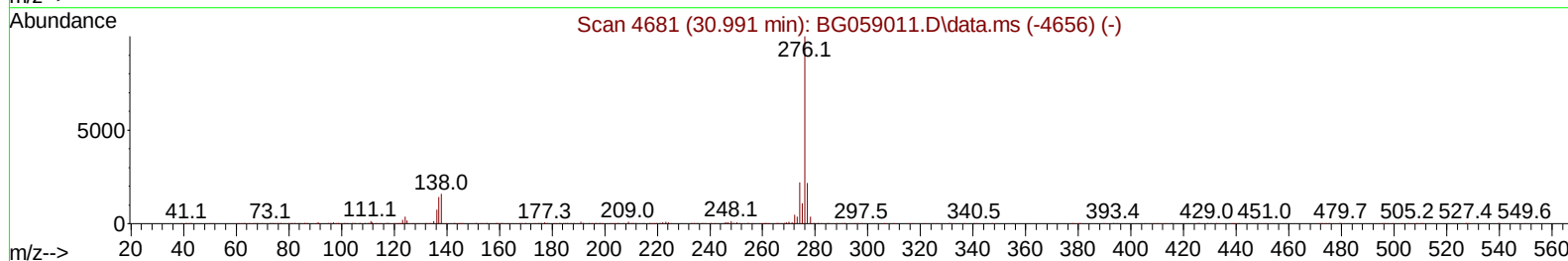
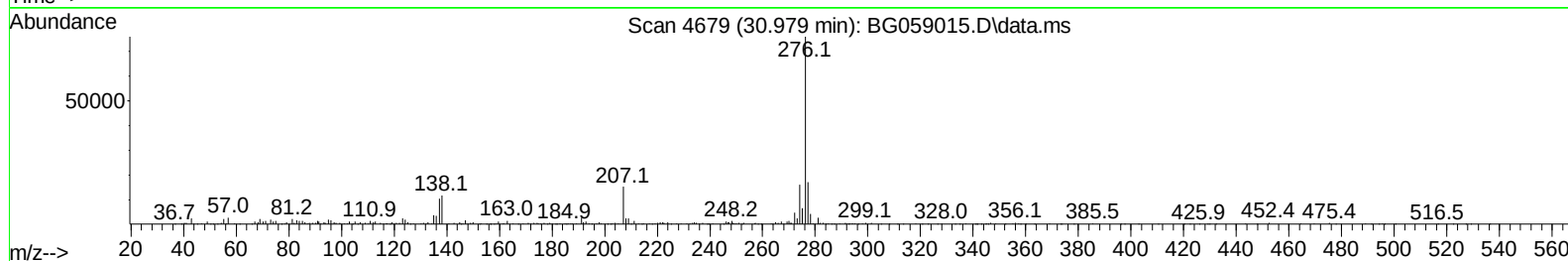
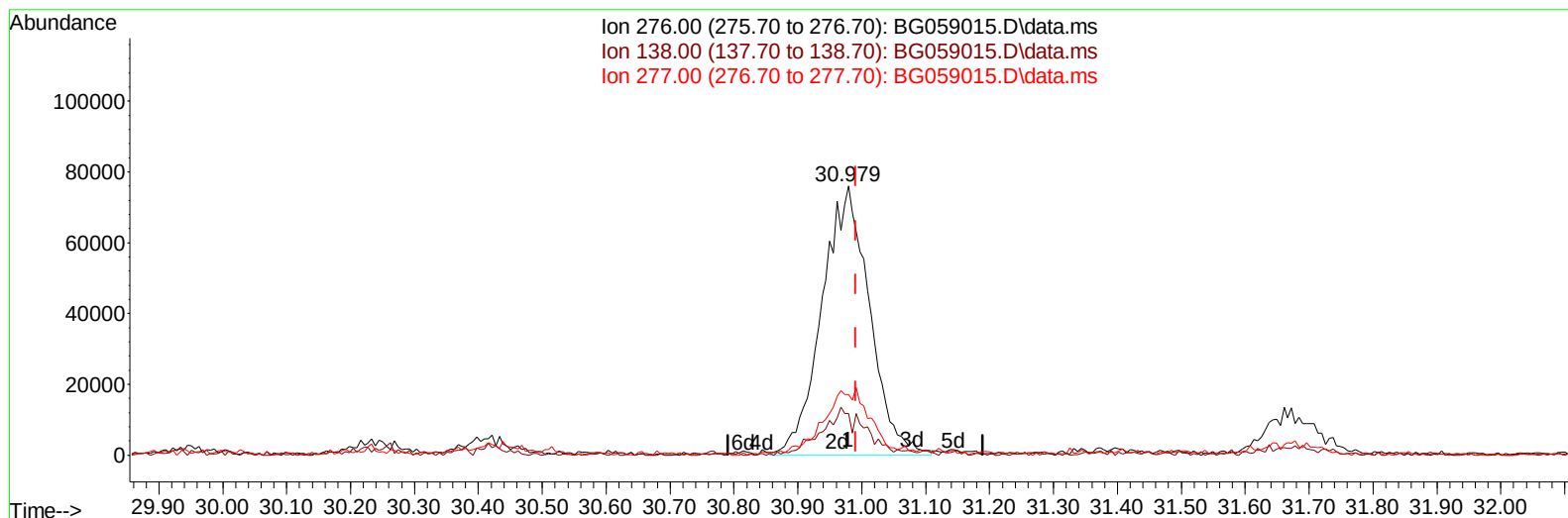
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
Data File : BG059015.D
Acq On : 12 Sep 2023 17:57
Operator : MA/JU
Sample : 04235-02RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EZYD9RE

Manual IntegrationsAPPROVED

Quant Time: Sep 13 00:13:37 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: BG059015.D\data.ms

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

30.979min (-0.011) 6.89 ng/ul m

response 392269

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.30	15.45
277.00	21.80	22.47
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
 Data File : BG059015.D
 Acq On : 12 Sep 2023 17:57
 Operator : MA/JU
 Sample : 04235-02RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYD9RE

Manual IntegrationsAPPROVED

Quant Time: Sep 13 00:14:33 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.312	152	96519	20.000	ng/ul	0.00
20) Naphthalene-d8	11.155	136	475110	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.933	164	364700	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.689	188	989429	20.000	ng/ul	# 0.00
79) Chrysene-d12	22.007	240	896027	20.000	ng/ul	0.00
88) Perylene-d12	25.568	264	1024135	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.629	96	9040	3.981	ng/uL	0.00
4) Pyridine-d5	4.070	84	12655	1.760	ng/ul	0.01
7) Phenol-d5	7.419	99	108740	11.172	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.630	67	118462	20.756	ng/ul	0.00
11) 2-Chlorophenol-d4	7.830	132	22135	3.546	ng/ul	0.00
15) 4-Methylphenol-d8	8.987	113	99775	13.269	ng/ul	0.00
21) Nitrobenzene-d5	9.504	128	63021	18.287	ng/ul	0.00
24) 2-Nitrophenol-d4	10.233	143	6732m	1.780	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.744	165	13930	1.733	ng/ul	0.00
31) 4-Chloroaniline-d4	11.296	131	159417	14.750	ng/ul	0.00
46) Dimethylphthalate-d6	14.328	166	605155	21.392	ng/ul	0.00
49) Acenaphthylene-d8	14.640	160	655834	20.819	ng/ul	0.00
54) 4-Nitrophenol-d4	15.098	143	473	0.101	ng/ul	-0.01
60) Fluorene-d10	15.926	176	563341	22.439	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.020	200	314	0.065	ng/ul	-0.01
73) Anthracene-d10	17.783	188	852057	19.399	ng/ul	0.00
81) Pyrene-d10	20.057	212	1145191	24.127	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.315	264	1121085	22.331	ng/ul	0.00
Target Compounds						
						Qvalue
16) Acetophenone	9.158	105	72530m	5.818	ng/ul	
72) Phenanthrene	17.730	178	225641	4.493	ng/ul	97
80) Fluoranthene	19.722	202	825756m	14.981	ng/ul	
82) Pyrene	20.086	202	649773	11.339	ng/ul#	94
85) Benzo(a)anthracene	21.984	228	374372	6.230	ng/ul	98
87) Chrysene	22.060	228	465835	8.339	ng/ul	99
90) Benzo(b)fluoranthene	24.410	252	686094m	11.246	ng/ul	
91) Benzo(k)fluoranthene	24.481	252	244386	3.920	ng/ul#	98
93) Benzo(a)pyrene	25.386	252	331967	5.832	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	29.669	276	380979	5.297	ng/ul	98
95) Dibenzo(a,h)anthracene	29.757	278	113423m	1.903	ng/ul	
96) Benzo(g,h,i)perylene	30.979	276	392269m	6.891	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
Data File : BG059015.D
Acq On : 12 Sep 2023 17:57
Operator : MA/JU
Sample : 04235-02RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EZYD9RE

Manual IntegrationsAPPROVED

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

Quant Time: Sep 13 00:14:33 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

