

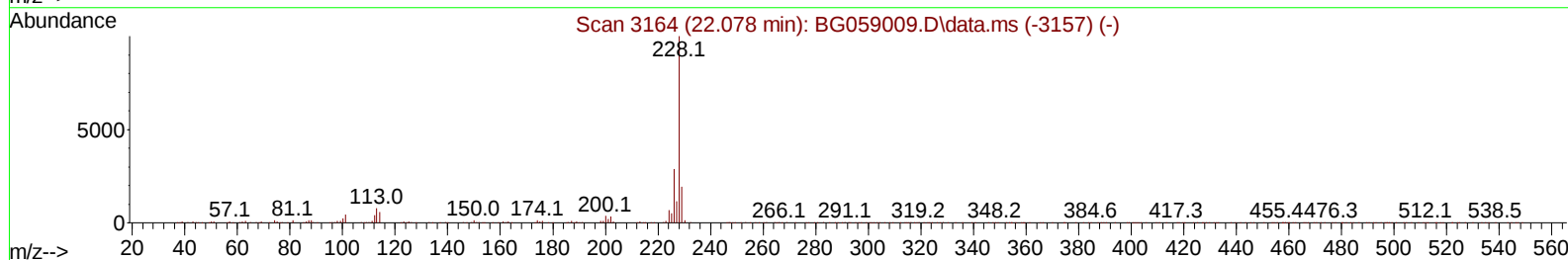
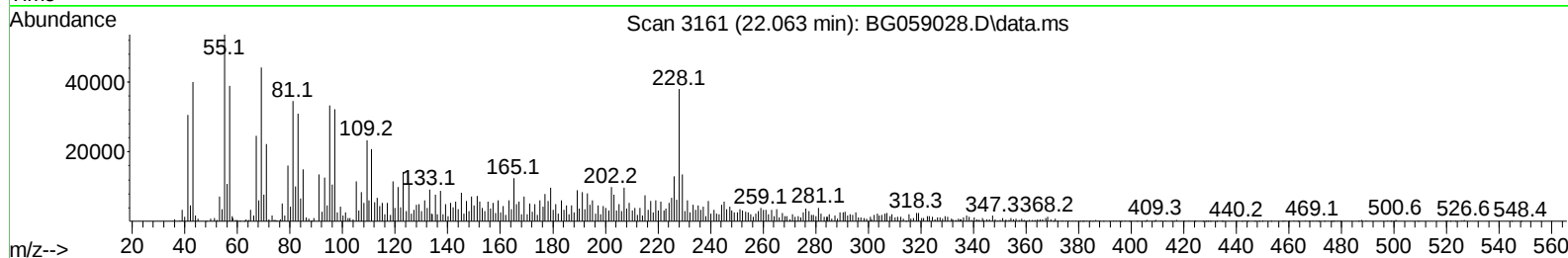
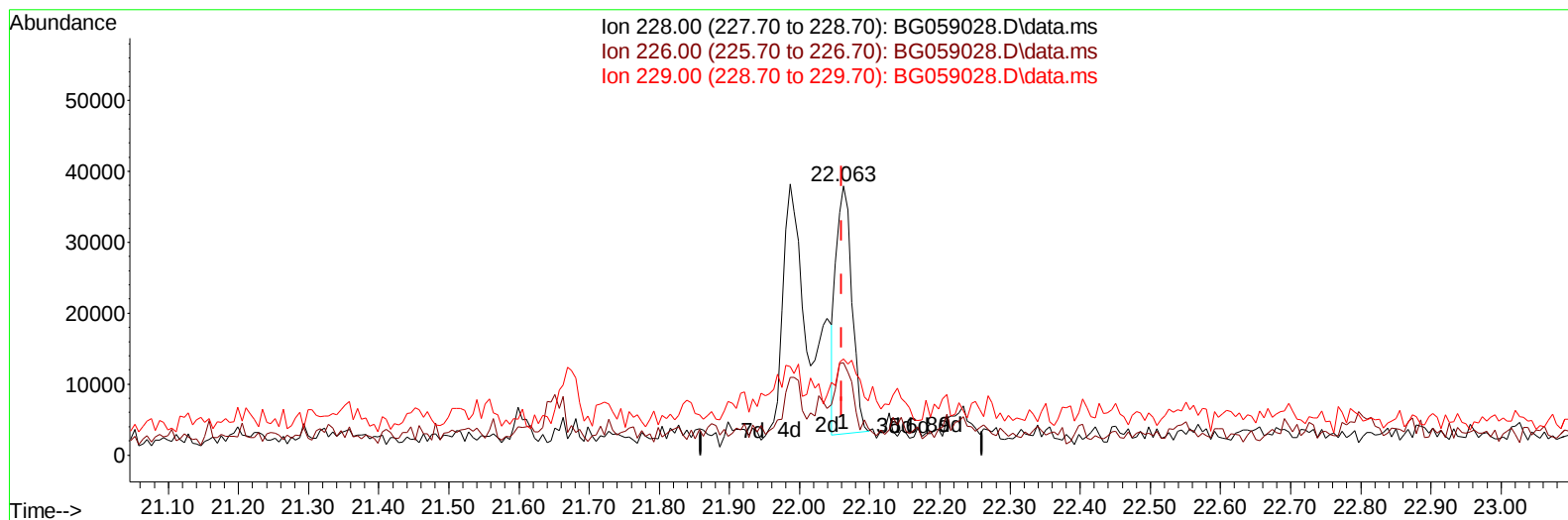
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
 Data File : BG059028.D
 Acq On : 13 Sep 2023 3:33
 Operator : MA/JU
 Sample : 04175-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYD4

Manual IntegrationsAPPROVED

Quant Time: Sep 13 04:26:36 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: BG059028.D\data.ms

(87) Chrysene

22.063min (+ 0.003) 1.85 ng/u1

response 55095

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.00	34.40
229.00	19.10	35.65#
0.00	0.00	0.00

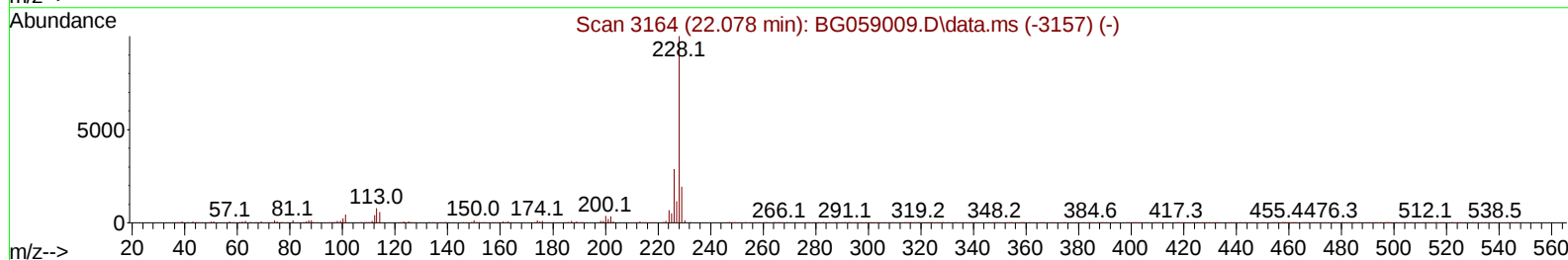
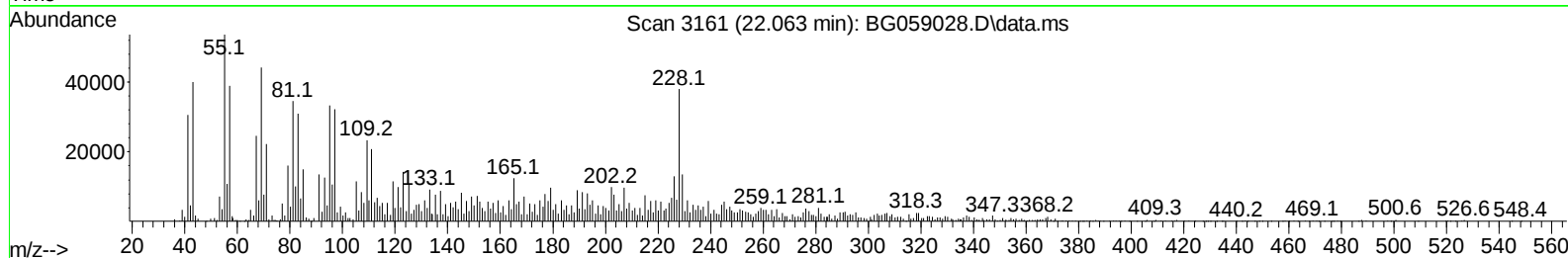
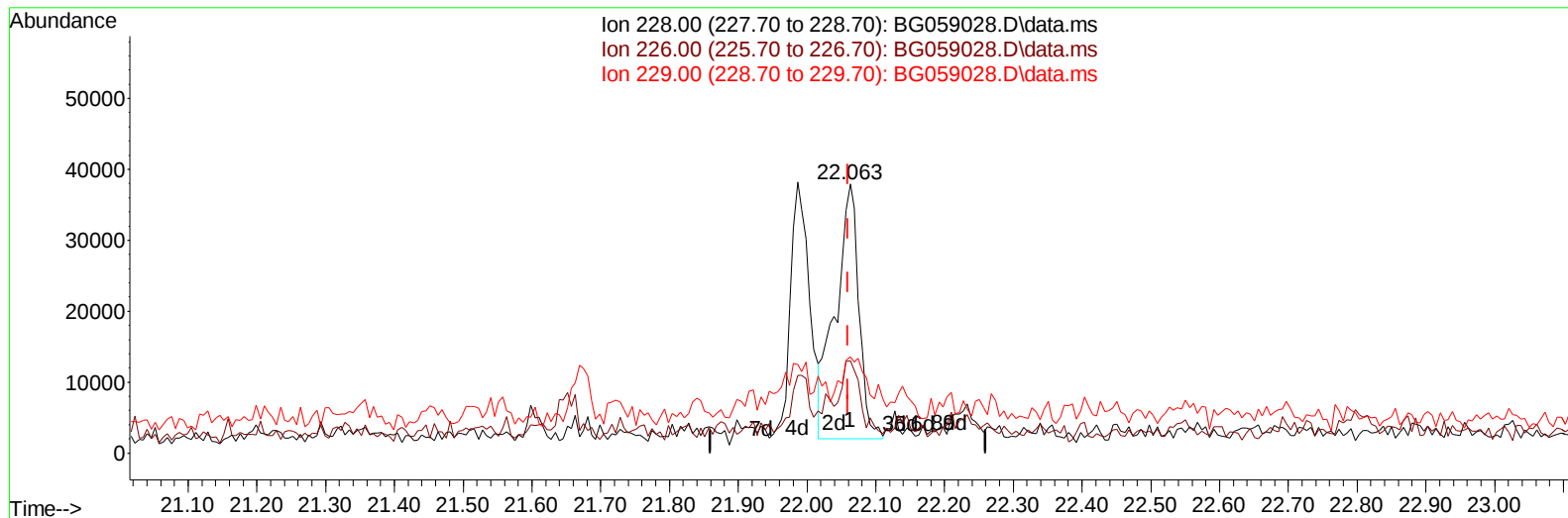
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
Data File : BG059028.D
Acq On : 13 Sep 2023 3:33
Operator : MA/JU
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EZYD4

Manual IntegrationsAPPROVED

Quant Time: Sep 13 04:26:36 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: BG059028.D\data.ms

(87) Chrysene

22.063min (+ 0.003) 2.87 ng/ul m

response 85531

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.00	34.40
229.00	19.10	35.65#
0.00	0.00	0.00

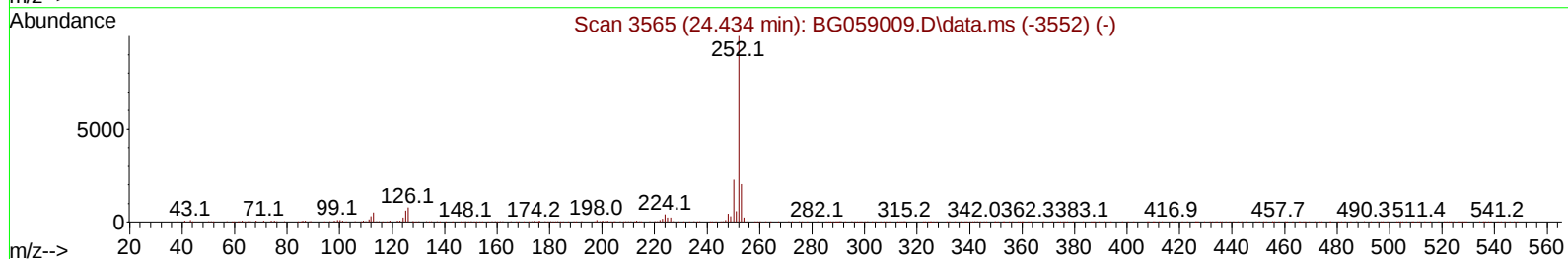
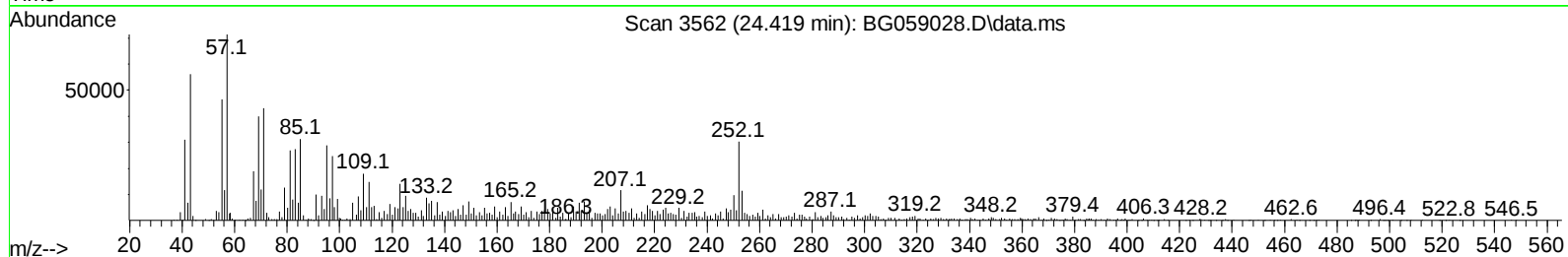
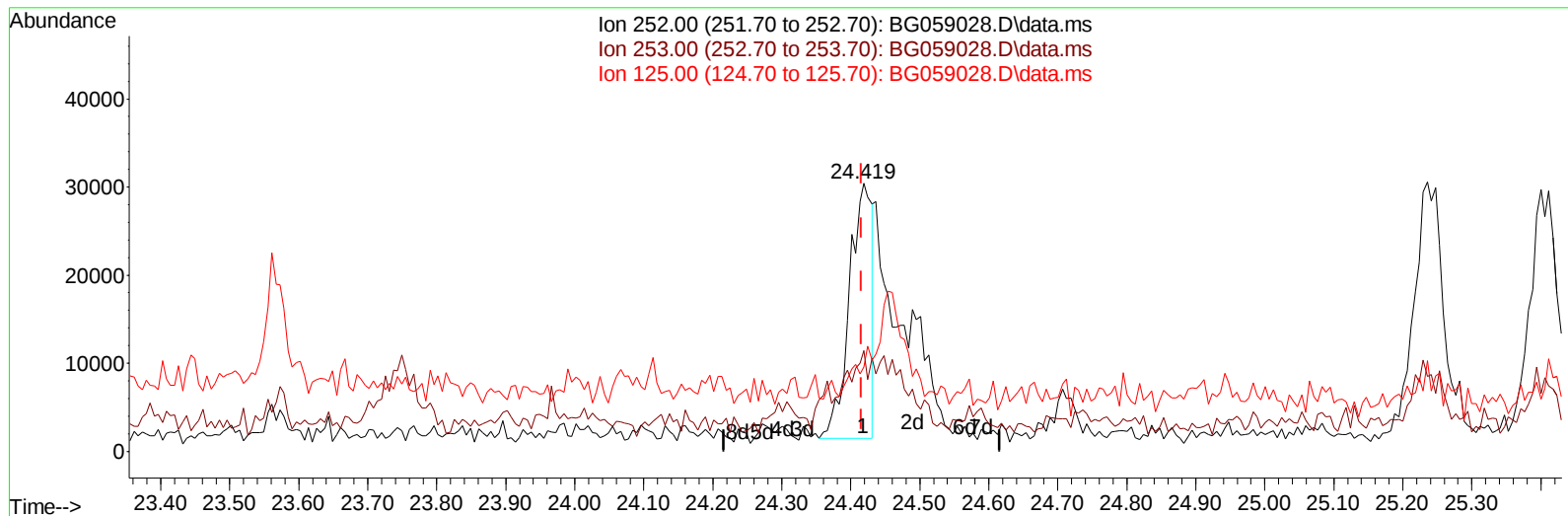
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
Data File : BG059028.D
Acq On : 13 Sep 2023 3:33
Operator : MA/JU
Sample : 04175-21
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EZYD4

Manual IntegrationsAPPROVED

Quant Time: Sep 13 04:38:10 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: BG059028.D\data.ms

(90) Benzo(b)fluoranthene

24.419min (+ 0.003) 1.98 ng/u1

response 65593

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	37.72#
125.00	7.70	31.60#
0.00	0.00	0.00

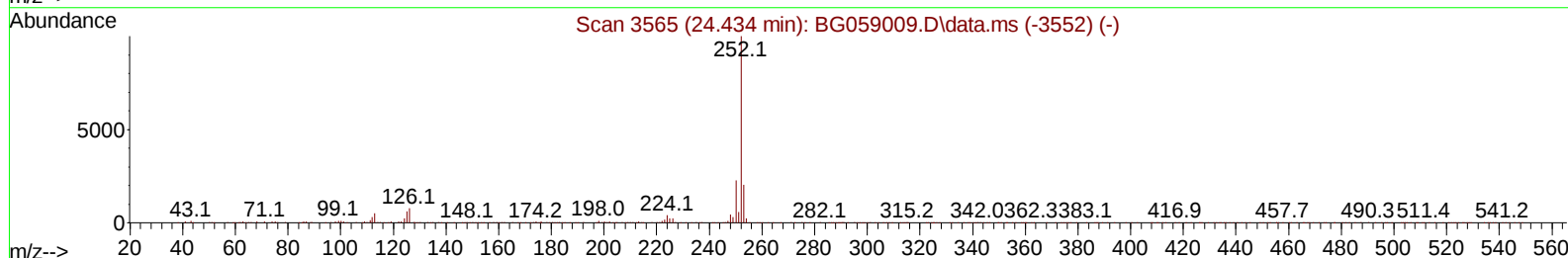
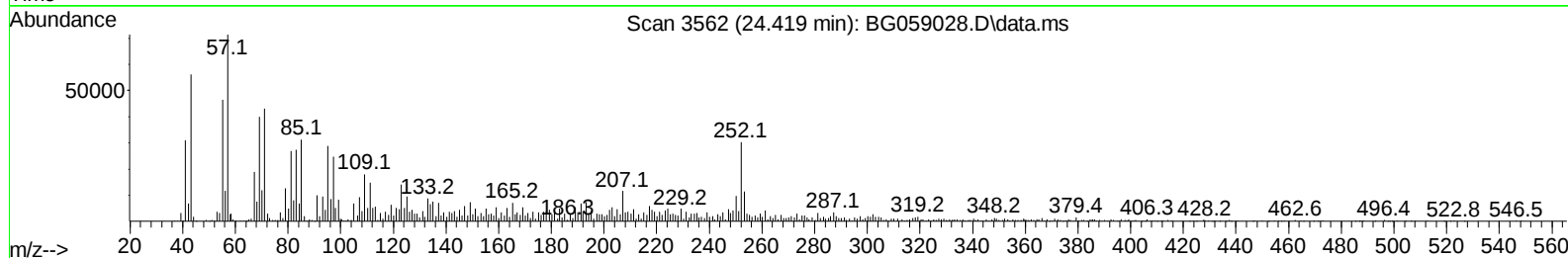
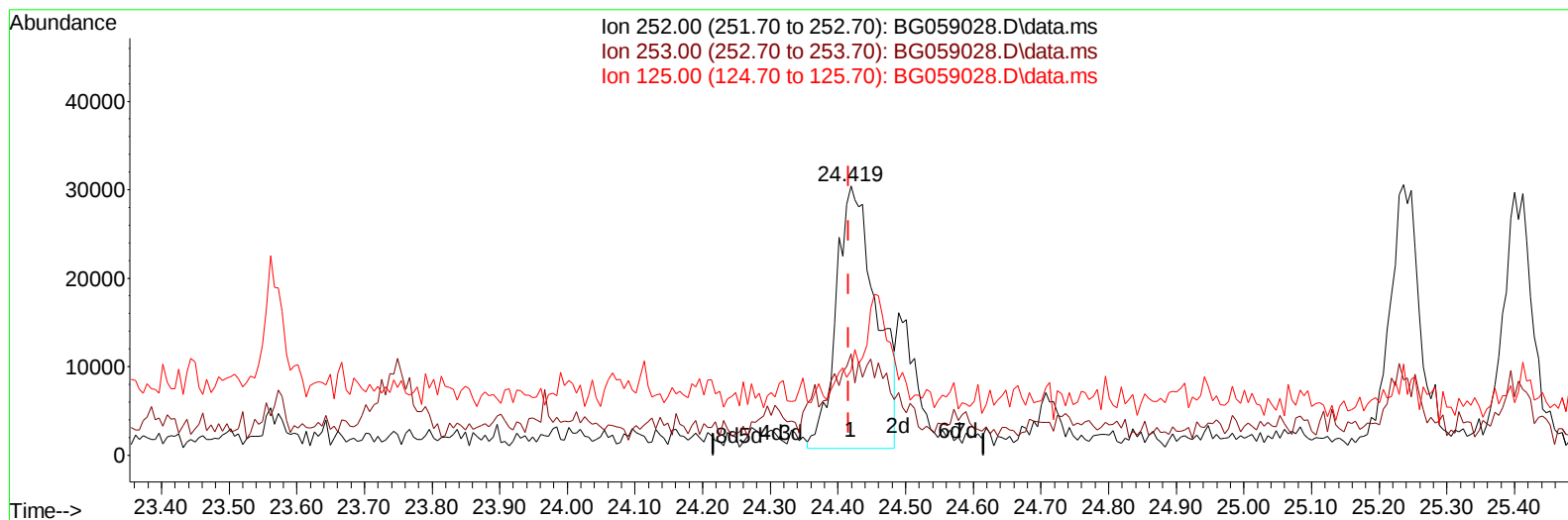
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
 Data File : BG059028.D
 Acq On : 13 Sep 2023 3:33
 Operator : MA/JU
 Sample : 04175-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYD4

Manual IntegrationsAPPROVED

Quant Time: Sep 13 04:38:10 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: BG059028.D\data.ms

(90) Benzo(b)fluoranthene

24.419min (+ 0.003) 3.65 ng/u1 m

response 121091

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	37.72#
125.00	7.70	31.60#
0.00	0.00	0.00

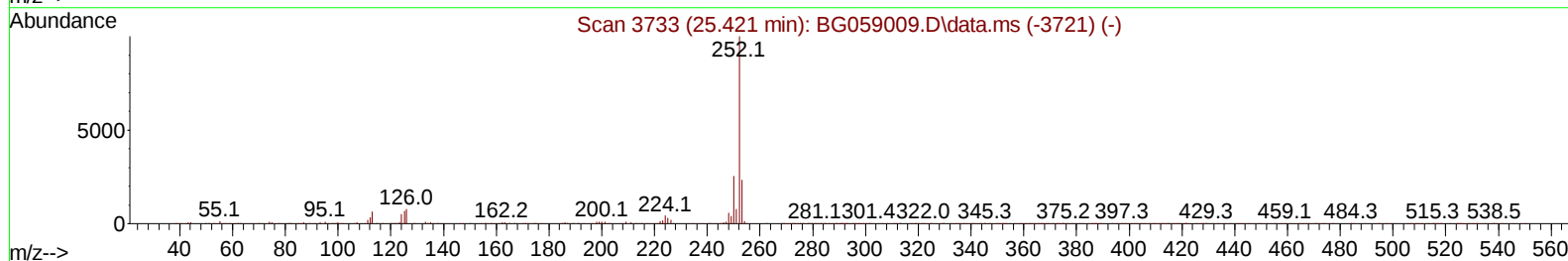
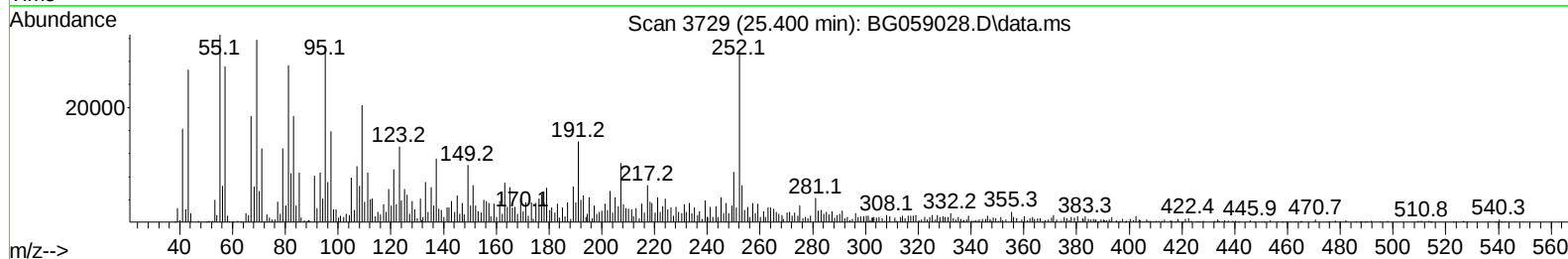
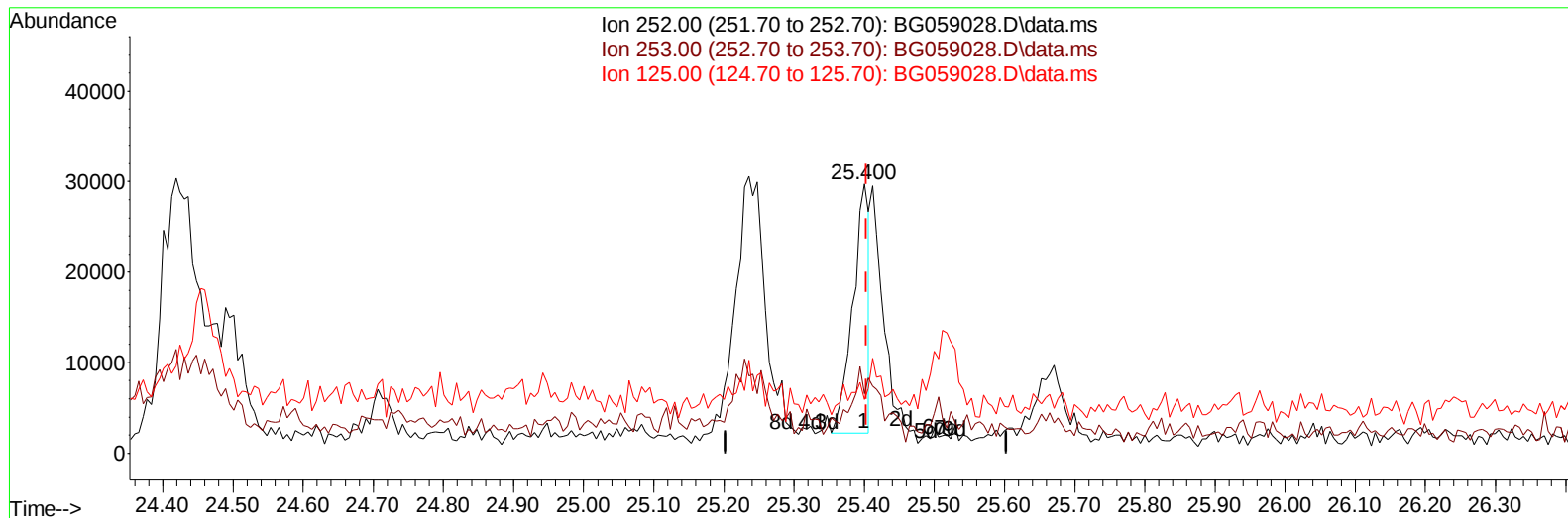
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
 Data File : BG059028.D
 Acq On : 13 Sep 2023 3:33
 Operator : MA/JU
 Sample : 04175-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYD4

Manual IntegrationsAPPROVED

Quant Time: Sep 13 04:38:40 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: BG059028.D\data.ms

(93) Benzo(a)pyrene (C)

25.400min (-0.003) 1.43 ng/u1

response 44154

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.40	22.17
125.00	6.60	19.94#
0.00	0.00	0.00

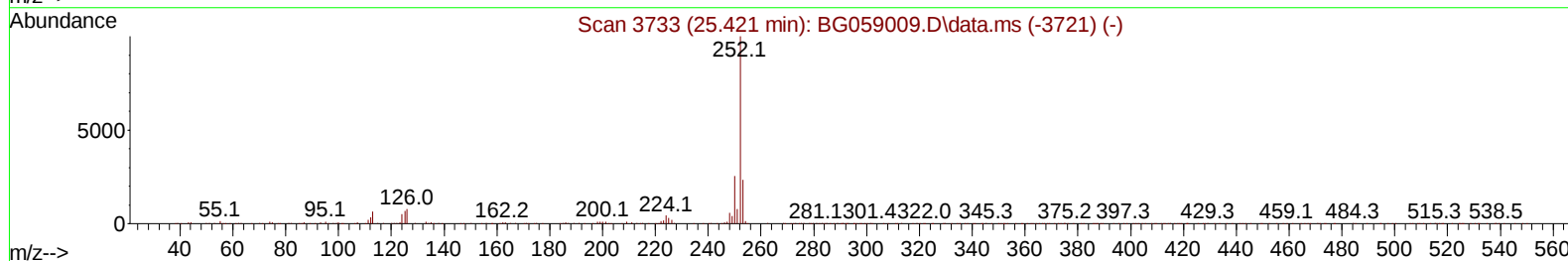
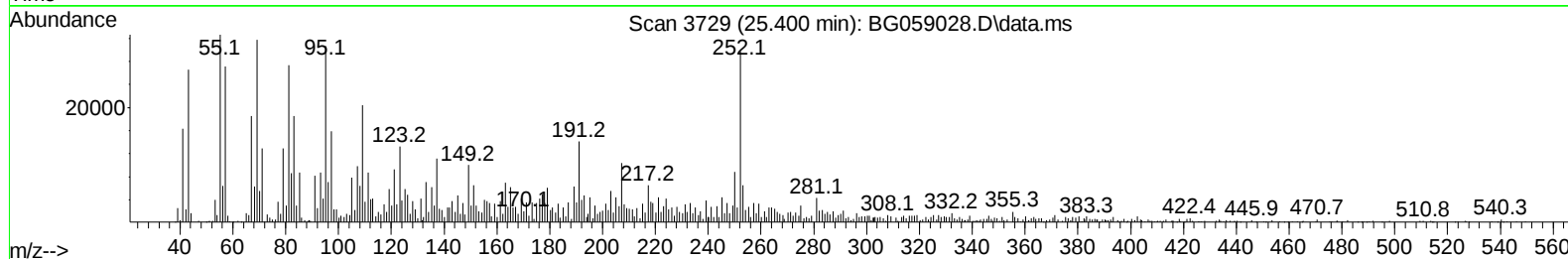
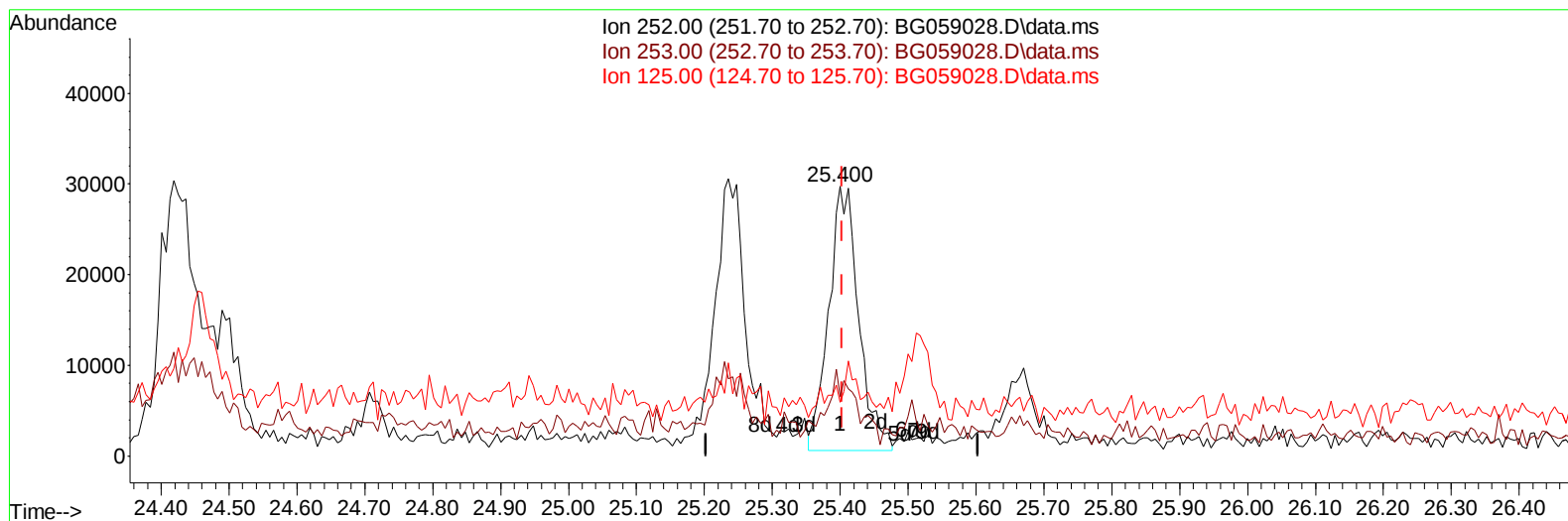
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
 Data File : BG059028.D
 Acq On : 13 Sep 2023 3:33
 Operator : MA/JU
 Sample : 04175-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYD4

Manual IntegrationsAPPROVED

Quant Time: Sep 13 04:38:40 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: BG059028.D\data.ms

(93) Benzo(a)pyrene (C)

25.400min (-0.003) 2.87 ng/u1 m

response 88848

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.40	22.17
125.00	6.60	19.94#
0.00	0.00	0.00

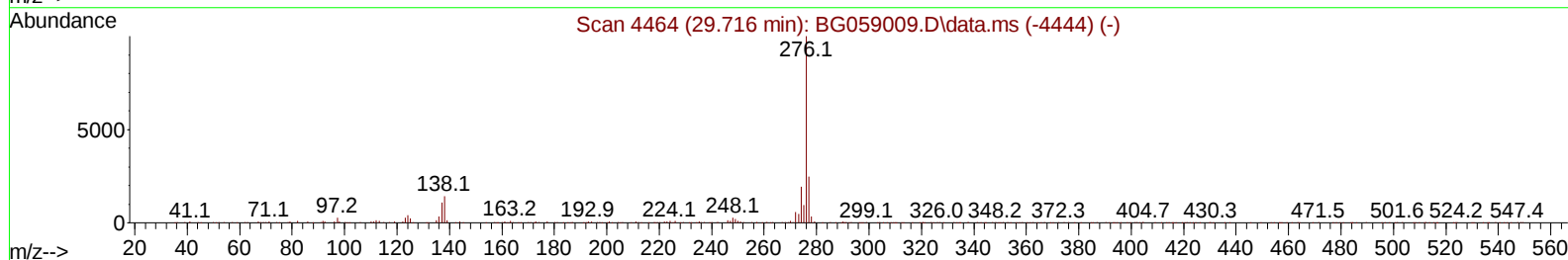
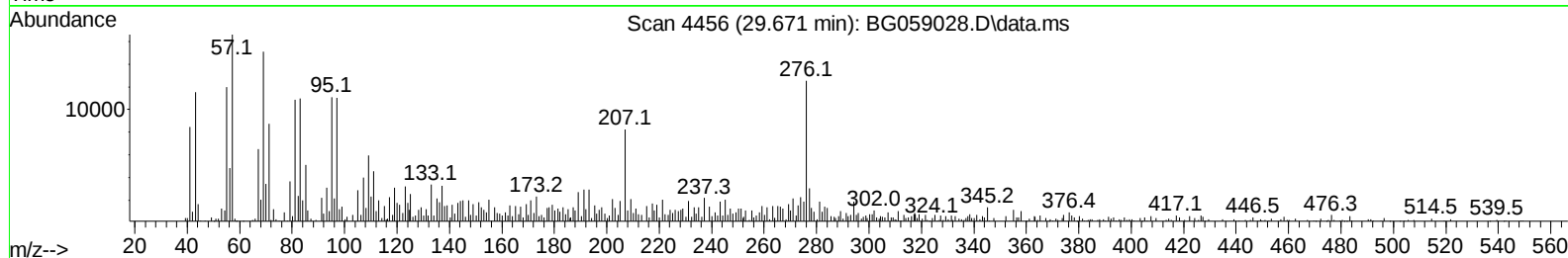
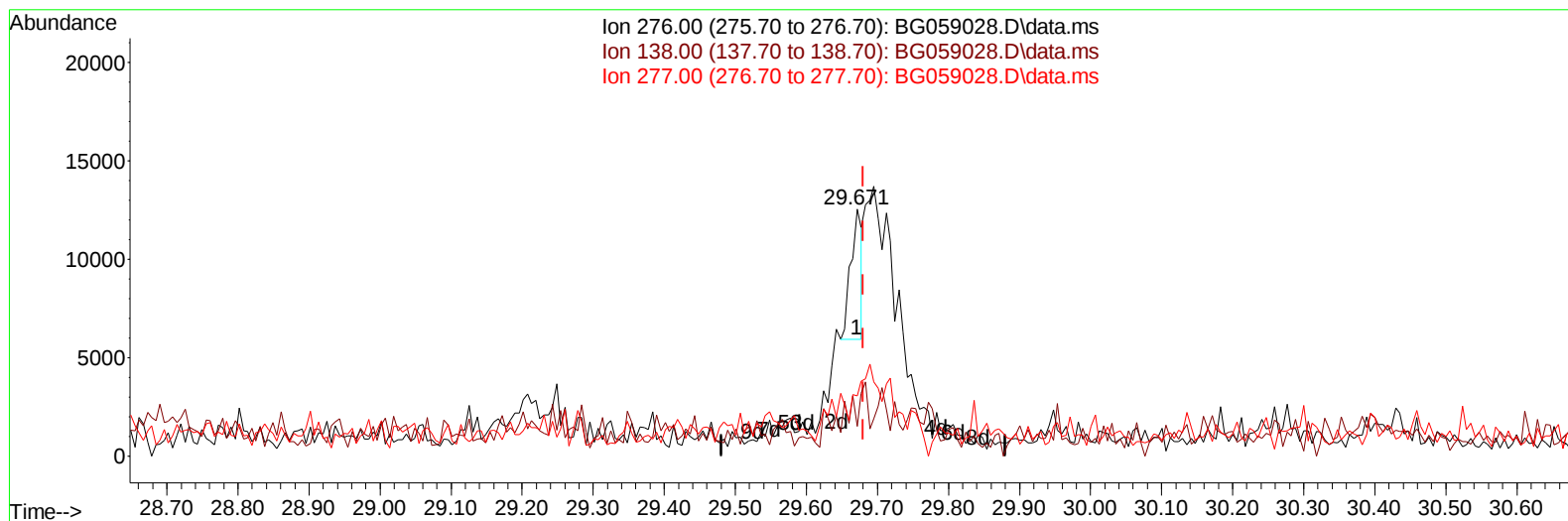
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
 Data File : BG059028.D
 Acq On : 13 Sep 2023 3:33
 Operator : MA/JU
 Sample : 04175-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EYZD4

Manual IntegrationsAPPROVED

Quant Time: Sep 13 04:38:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
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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: BG059028.D\data.ms

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

29.671min (-0.009) 0.18 ng/u1

response 7216

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.80	12.04
277.00	25.90	24.44
0.00	0.00	0.00

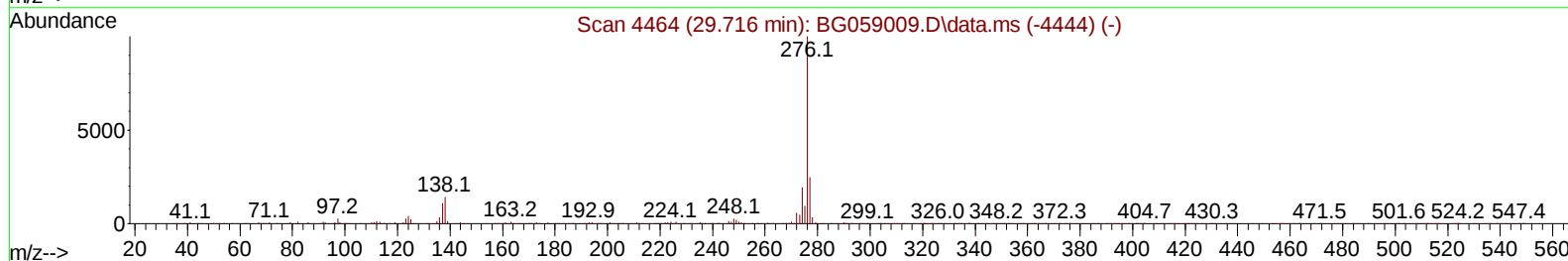
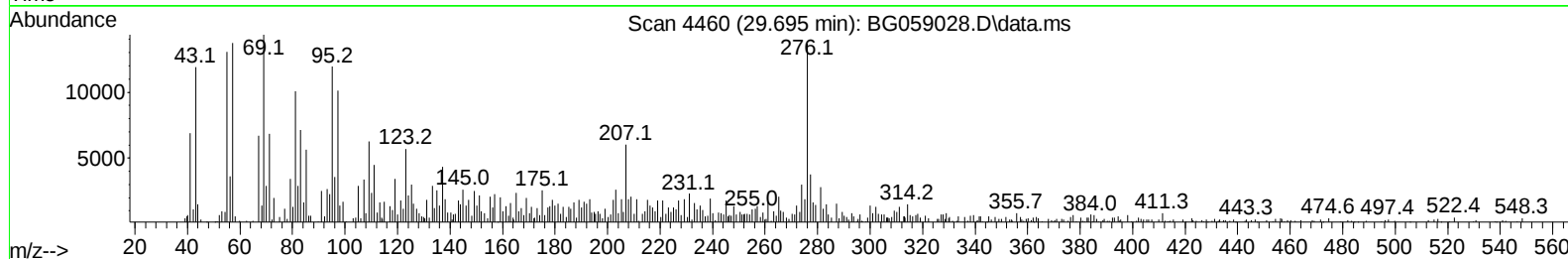
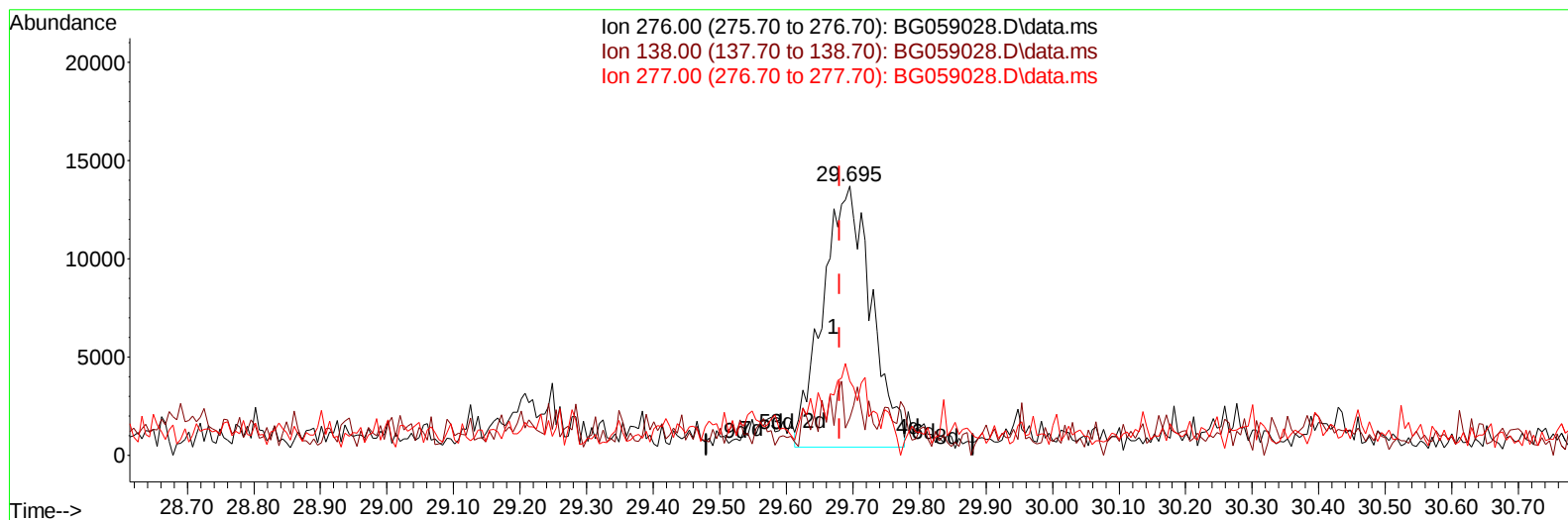
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
Data File : BG059028.D
Acq On : 13 Sep 2023 3:33
Operator : MA/JU
Sample : 04175-21
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EZYD4

Manual IntegrationsAPPROVED

Quant Time: Sep 13 04:39:10 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: BG059028.D\data.ms

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

29.695min (+ 0.015) 1.71 ng/ul m

response 66949

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.80	13.88
277.00	25.90	27.40
0.00	0.00	0.00

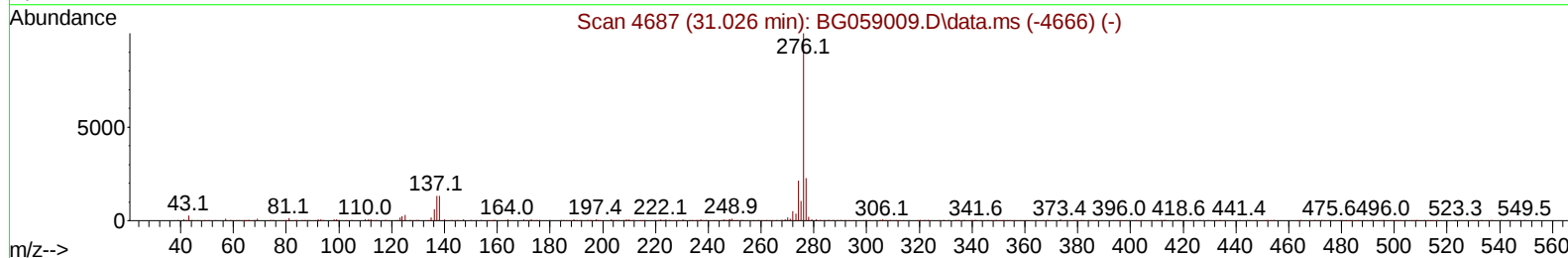
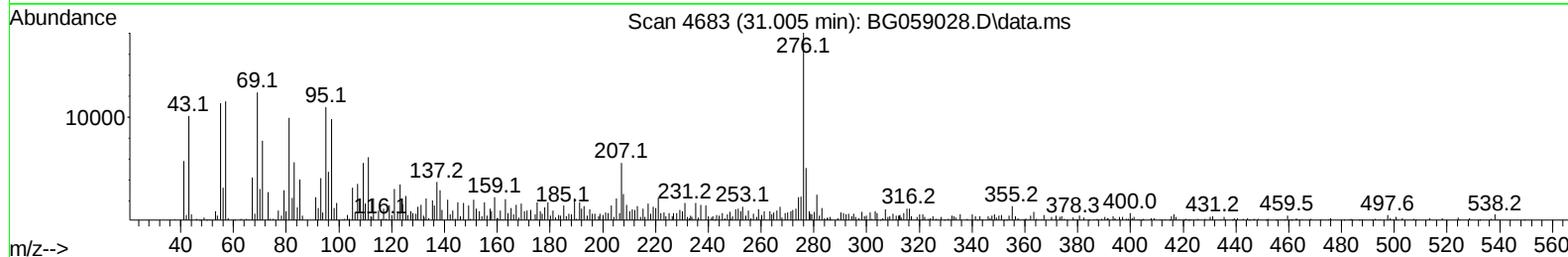
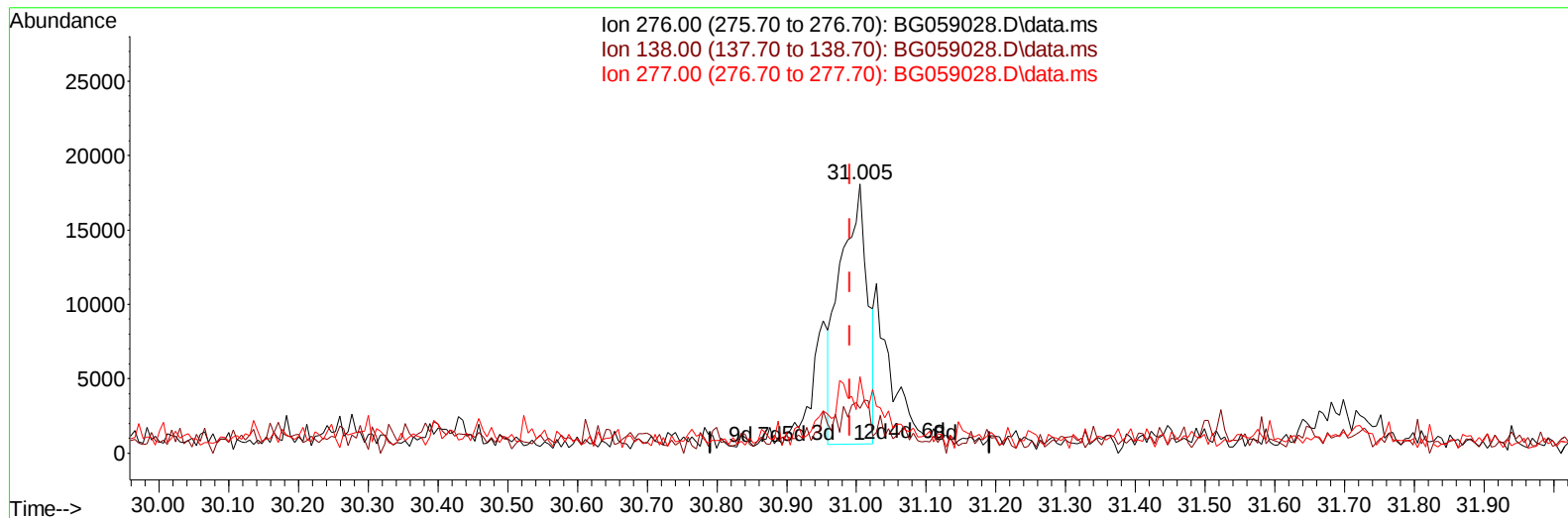
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
Data File : BG059028.D
Acq On : 13 Sep 2023 3:33
Operator : MA/JU
Sample : 04175-21
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EZYD4

Manual IntegrationsAPPROVED

Quant Time: Sep 13 04:39:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
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Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/14/2023



TIC: BG059028.D\data.ms

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

31.005min (+ 0.015) 1.53 ng/u1

response 47439

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.30	16.70
277.00	21.80	28.43#
0.00	0.00	0.00

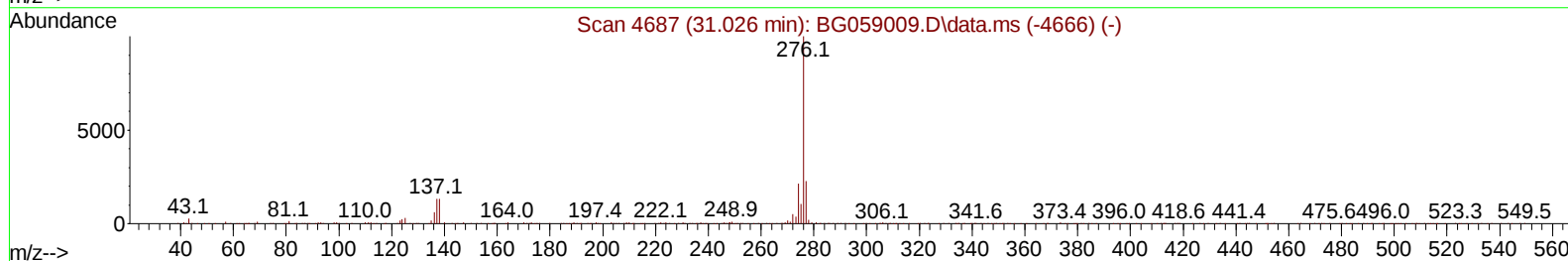
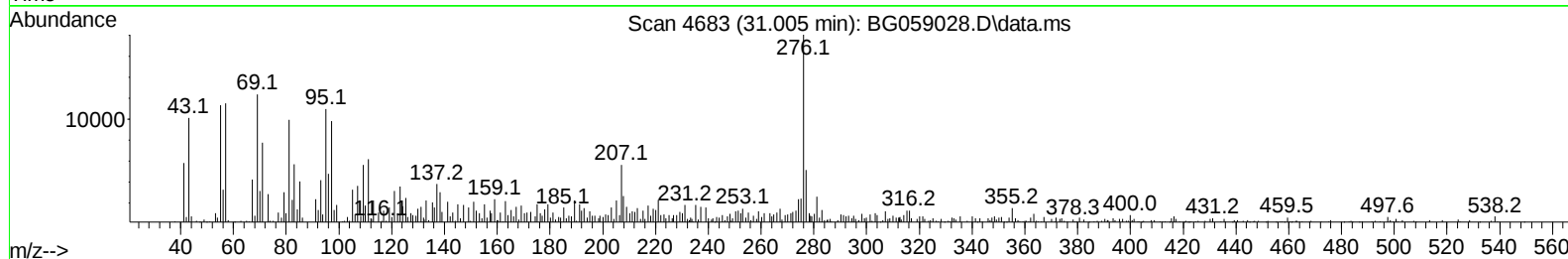
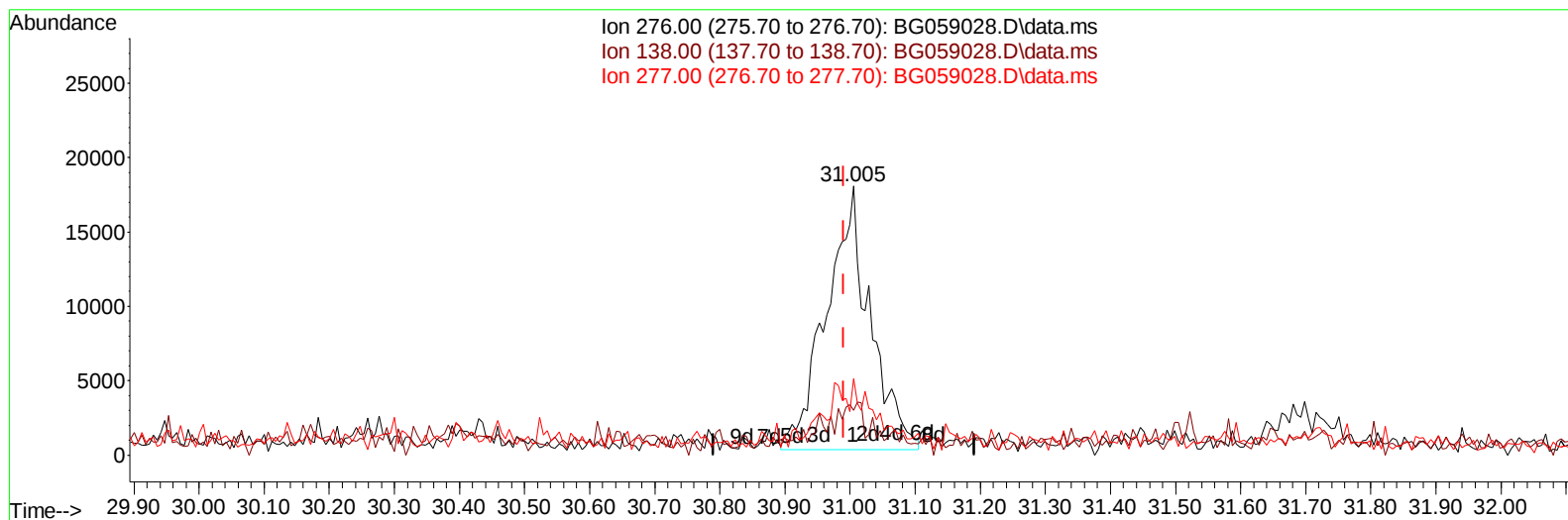
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
 Data File : BG059028.D
 Acq On : 13 Sep 2023 3:33
 Operator : MA/JU
 Sample : 04175-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYD4

Manual IntegrationsAPPROVED

Quant Time: Sep 13 04:39:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
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 Supervised By :mohammad ahmed 09/14/2023



TIC: BG059028.D\data.ms

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

31.005min (+ 0.015) 2.65 ng/ul m

response 82056

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.30	16.70
277.00	21.80	28.43#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
 Data File : BG059028.D
 Acq On : 13 Sep 2023 3:33
 Operator : MA/JU
 Sample : 04175-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYD4

Manual IntegrationsAPPROVED

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

Quant Time: Sep 13 04:40:06 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.308	152	65043	20.000	ng/ul	0.00
20) Naphthalene-d8	11.158	136	315240	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.936	164	229215	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.686	188	537244	20.000	ng/ul	# 0.00
79) Chrysene-d12	22.016	240	478740	20.000	ng/ul	0.00
88) Perylene-d12	25.576	264	556397	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.631	96	9519	6.221	ng/uL	0.00
4) Pyridine-d5	4.054	84	123320	25.454	ng/ul	0.00
7) Phenol-d5	7.421	99	245873	37.486	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.633	67	143323	37.265	ng/ul	0.00
11) 2-Chlorophenol-d4	7.827	132	168157	39.974	ng/ul	0.00
15) 4-Methylphenol-d8	8.990	113	142236	28.069	ng/ul	0.00
21) Nitrobenzene-d5	9.507	128	93269	40.789	ng/ul	0.00
24) 2-Nitrophenol-d4	10.224	143	118093	47.067	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.747	165	213473	40.033	ng/ul	0.00
31) 4-Chloroaniline-d4	11.299	131	142613	19.888	ng/ul	0.00
46) Dimethylphthalate-d6	14.331	166	726325	40.851	ng/ul	0.00
49) Acenaphthylene-d8	14.642	160	848093	42.835	ng/ul	0.00
54) 4-Nitrophenol-d4	15.106	143	80602	27.291	ng/ul	0.00
60) Fluorene-d10	15.923	176	679239	43.047	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.029	200	85105	32.272	ng/ul	0.00
73) Anthracene-d10	17.785	188	1005101	42.143	ng/ul	0.00
81) Pyrene-d10	20.059	212	1088135	42.907	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.324	264	1126116	41.288	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	11.205	128	114931	6.916	ng/ul#	93
36) 2-Methylnaphthalene	12.785	142	49022	3.954	ng/ul	98
37) 1-Methylnaphthalene	13.003	142	31144	2.546	ng/ul#	97
72) Phenanthrene	17.733	178	89050	3.266	ng/ul#	95
78) Di-n-butylphthalate	18.608	149	114944	4.468	ng/ul#	94
80) Fluoranthene	19.724	202	127970	4.345	ng/ul#	95
82) Pyrene	20.089	202	133273	4.353	ng/ul	98
85) Benzo(a)anthracene	21.986	228	69297	2.158	ng/ul#	85
86) Bis(2-ethylhexyl)phtha...	21.828	149	23402	1.615	ng/ul#	60
87) Chrysene	22.063	228	85531m	2.866	ng/ul	
90) Benzo(b)fluoranthene	24.419	252	121091m	3.653	ng/ul	
93) Benzo(a)pyrene	25.400	252	88848m	2.873	ng/ul	
94) Indeno(1,2,3-cd)pyrene	29.695	276	66949m	1.713	ng/ul	
96) Benzo(g,h,i)perylene	31.005	276	82056m	2.653	ng/ul	

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

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Data File : BG059028.D
Acq On : 13 Sep 2023 3:33
Operator : MA/JU
Sample : 04175-21
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EZYD4

Manual IntegrationsAPPROVED

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

Quant Time: Sep 13 04:40:06 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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