

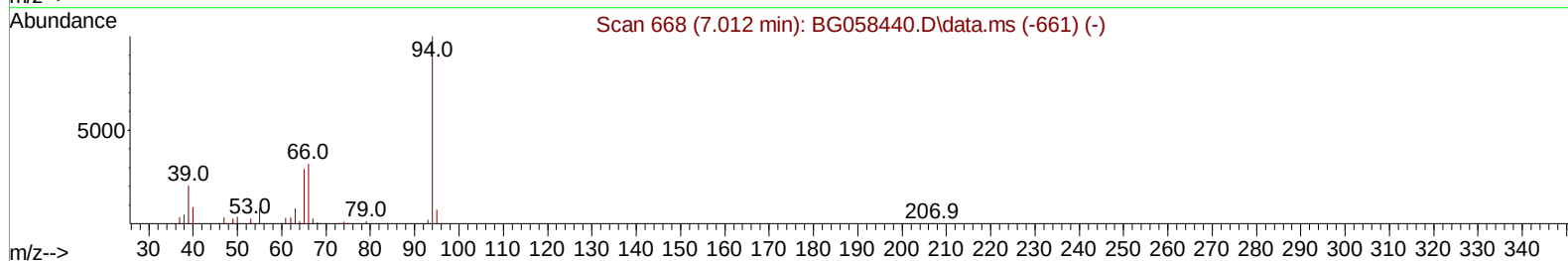
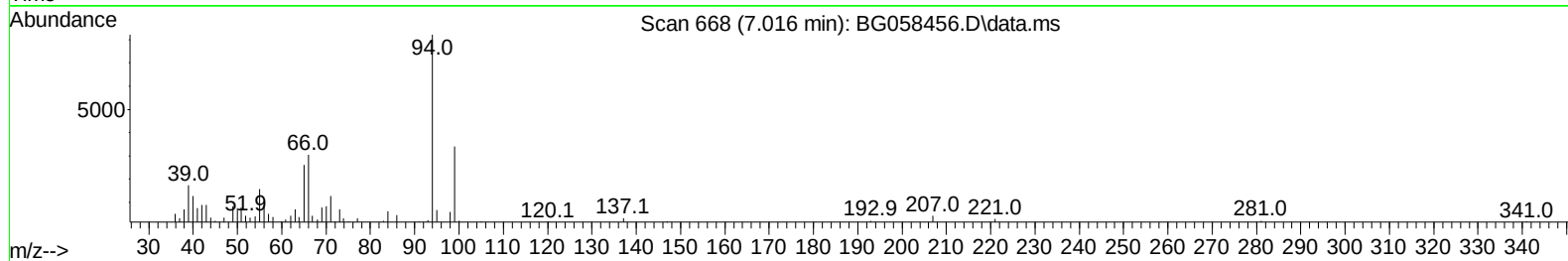
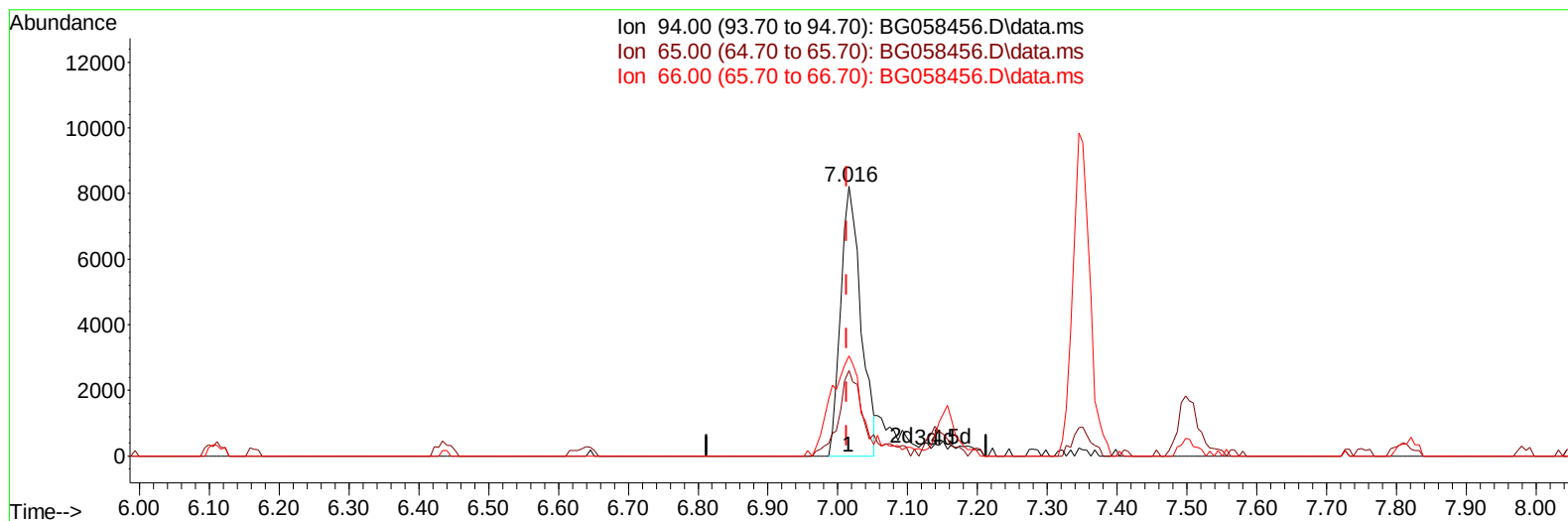
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
 Data File : BG058456.D
 Acq On : 25 Jul 2023 21:44
 Operator : CG/JU
 Sample : 03540-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4734

Manual IntegrationsAPPROVED

Quant Time: Jul 25 23:16:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 24 22:10:54 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/26/2023
 Supervised By :mohammad ahmed 07/26/2023



TIC: BG058456.D\data.ms

(8) Phenol

7.016min (+ 0.003) 3.53 ng/u1

response 16381

Ion	Exp%	Act%
94.00	100.00	100.00
65.00	29.80	31.78
66.00	39.00	37.11
0.00	0.00	0.00

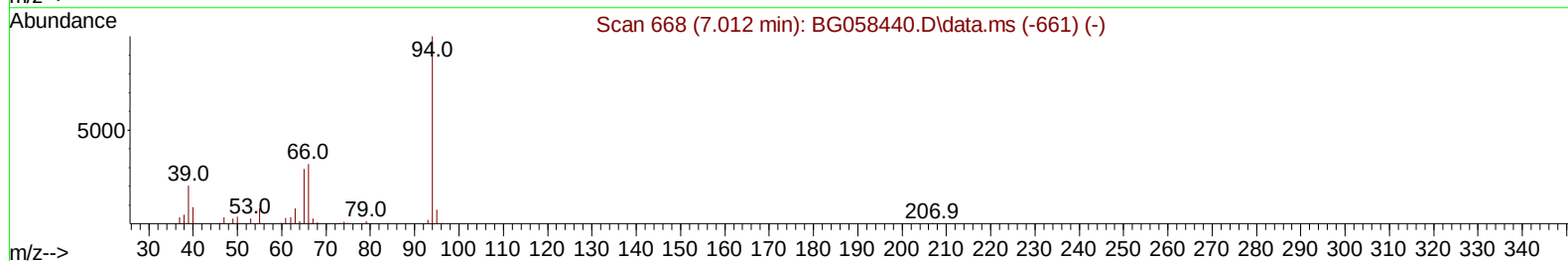
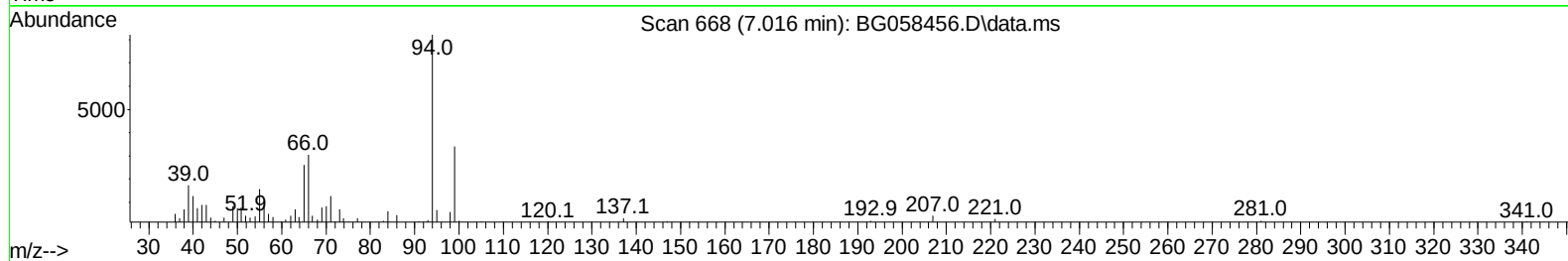
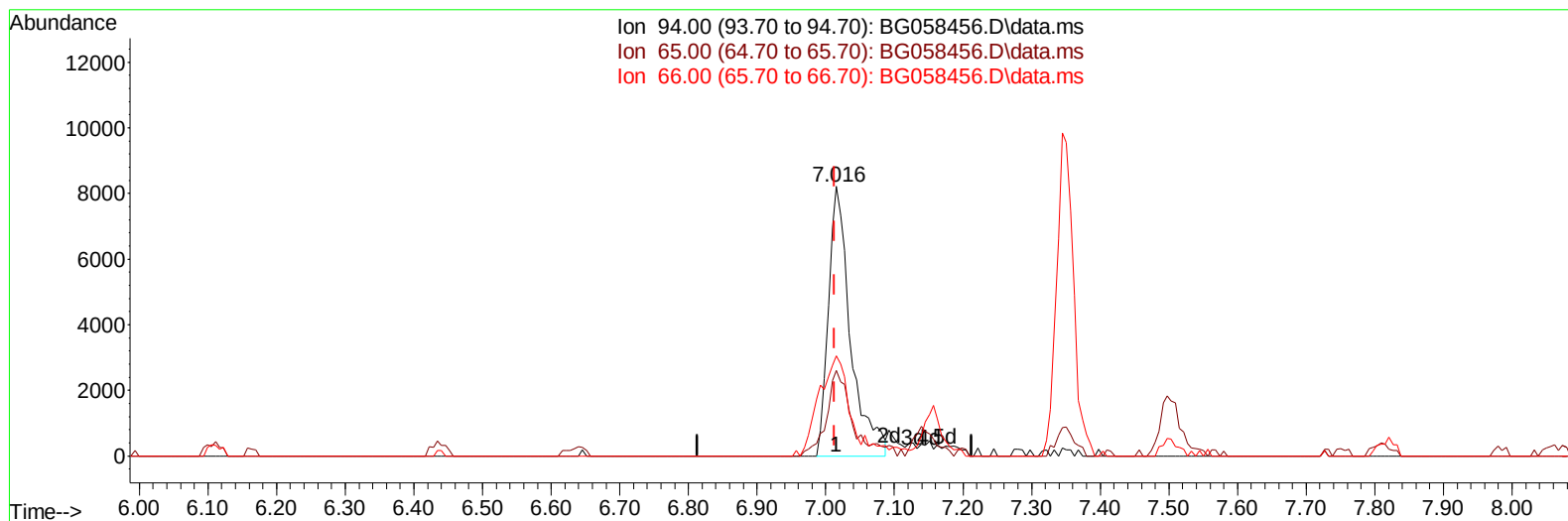
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
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 Supervised By :mohammad ahmed 07/26/2023



TIC: BG058456.D\data.ms

(8) Phenol

7.016min (+ 0.003) 3.93 ng/ul m

response 18244

Ion	Exp%	Act%
94.00	100.00	100.00
65.00	29.80	31.78
66.00	39.00	37.11
0.00	0.00	0.00

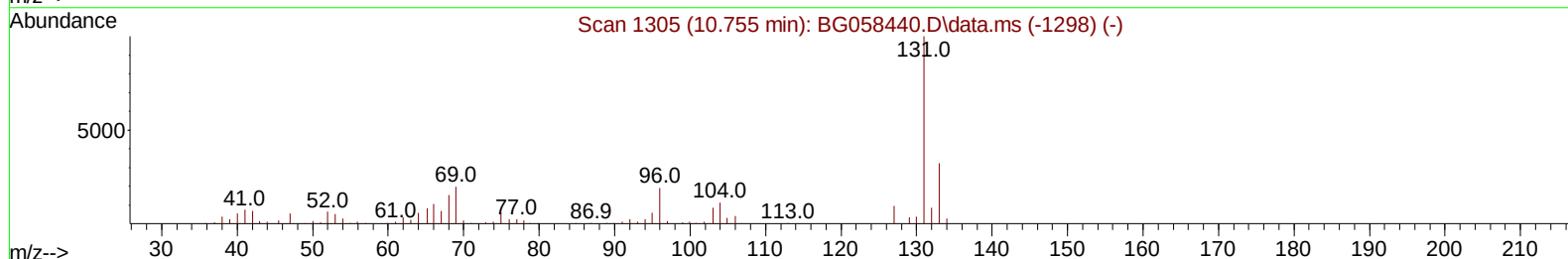
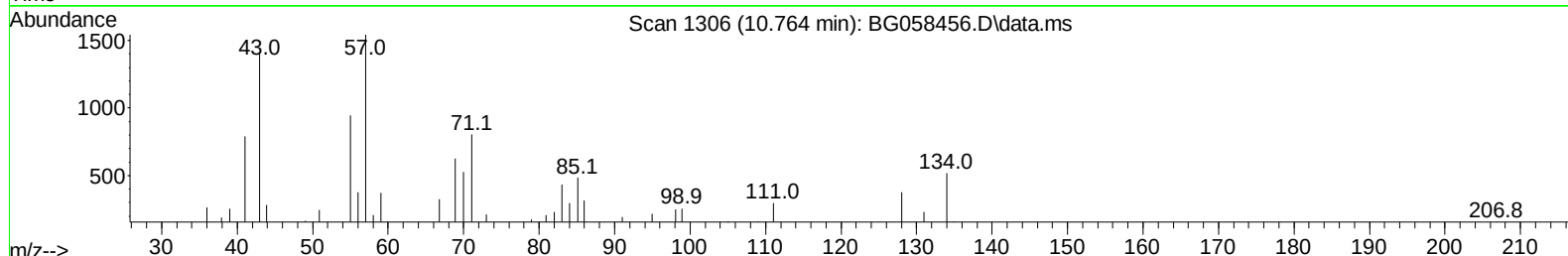
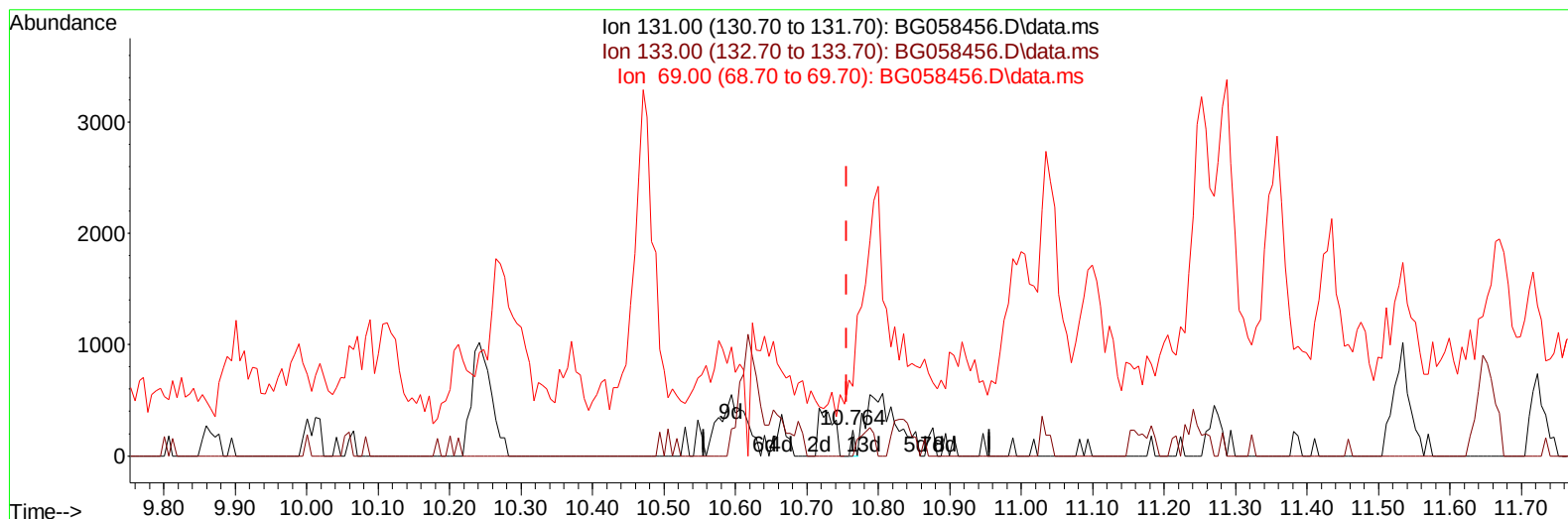
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
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TIC: BG058456.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.764min (+ 0.009) 0.02 ng/u1

response 82

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.90	0.00#
69.00	18.60	269.40#
0.00	0.00	0.00

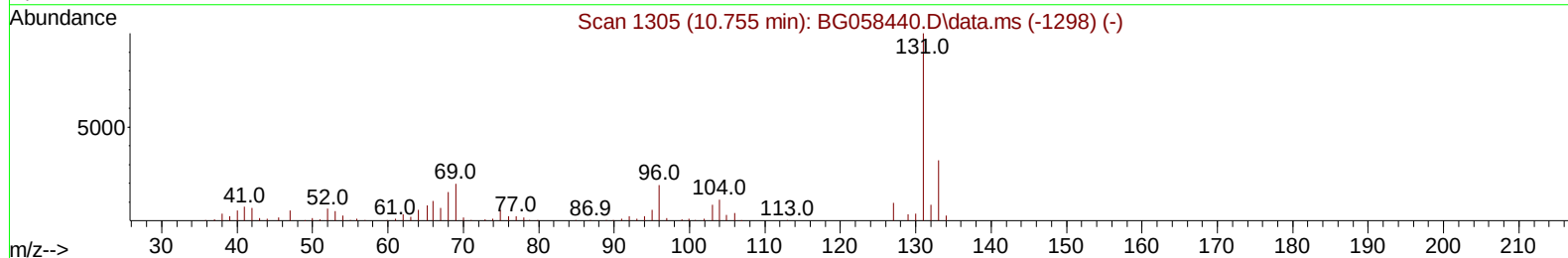
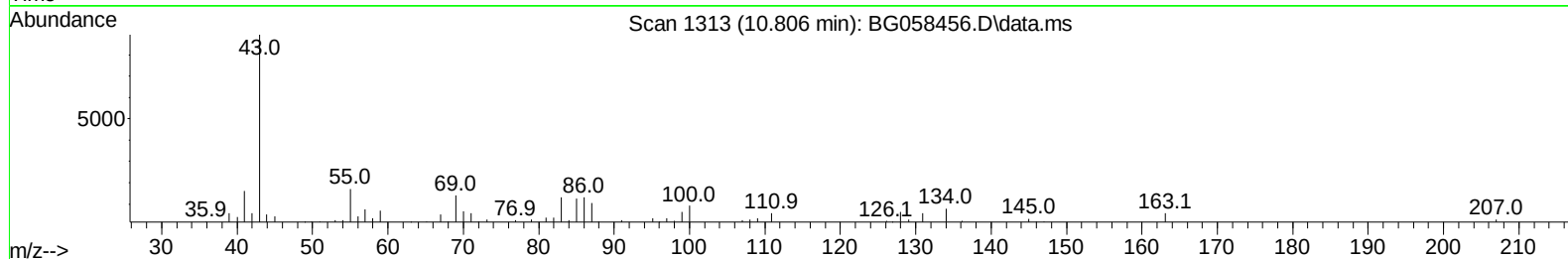
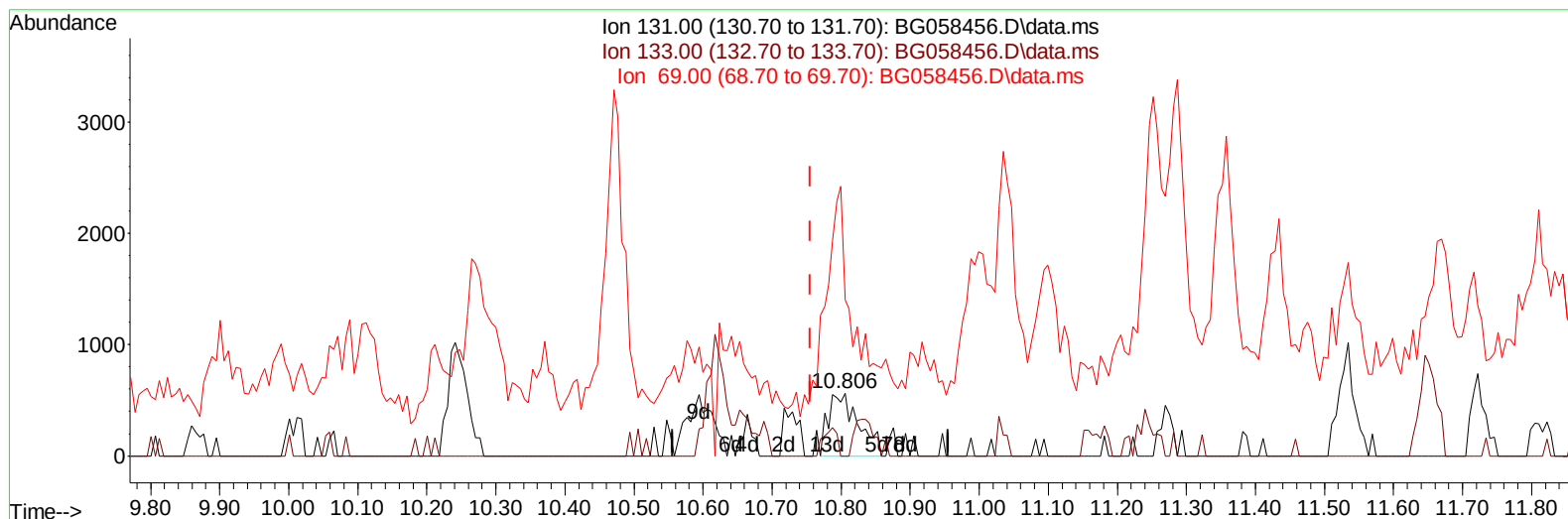
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058456.D
Acq On : 25 Jul 2023 21:44
Operator : CG/JU
Sample : 03540-03
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

Quant Time: Jul 25 23:16:30 2023
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Quant Title : SVOA CALIBRATION
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TIC: BG058456.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.806min (+ 0.050) 0.34 ng/ul m

response 1697

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.90	0.00#
69.00	18.60	248.76#
0.00	0.00	0.00

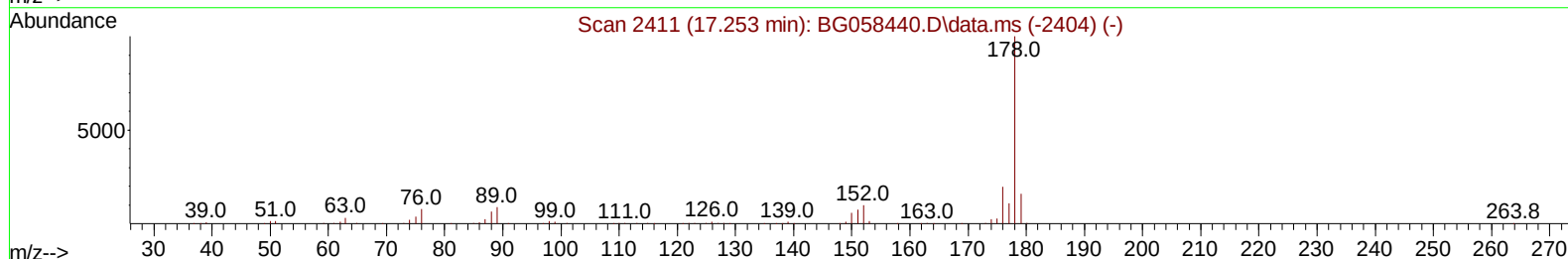
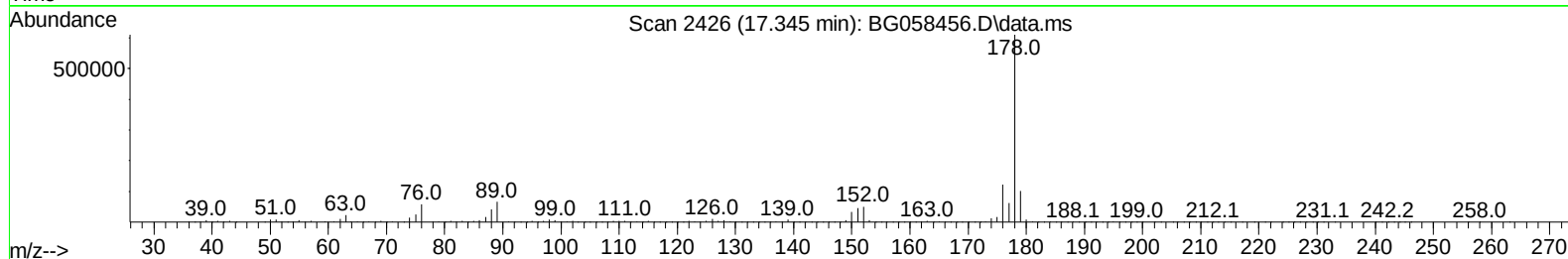
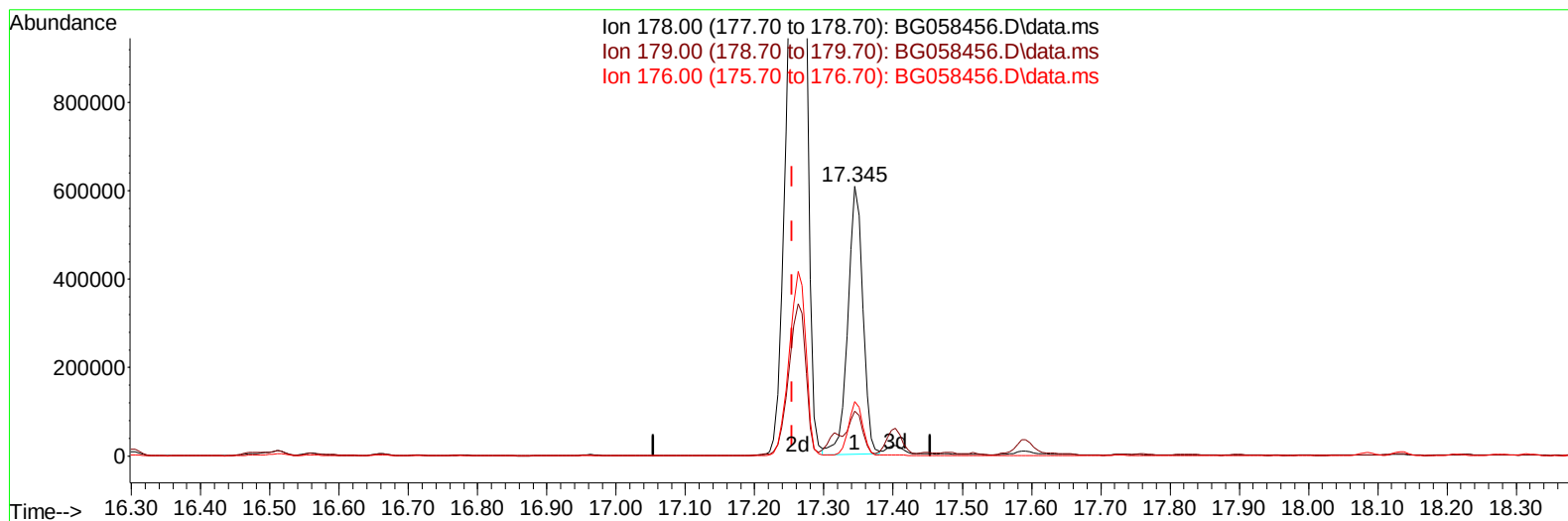
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
 Data File : BG058456.D
 Acq On : 25 Jul 2023 21:44
 Operator : CG/JU
 Sample : 03540-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4734

Manual IntegrationsAPPROVED

Quant Time: Jul 26 01:33:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 24 22:10:54 2023
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Reviewed By :Yogesh Patel 07/26/2023
 Supervised By :mohammad ahmed 07/26/2023



TIC: BG058456.D\data.ms

(72) Phenanthrene

17.345min (+ 0.091) 58.21 ng/ul

response 913482

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.90	16.76
176.00	19.80	20.20
0.00	0.00	0.00

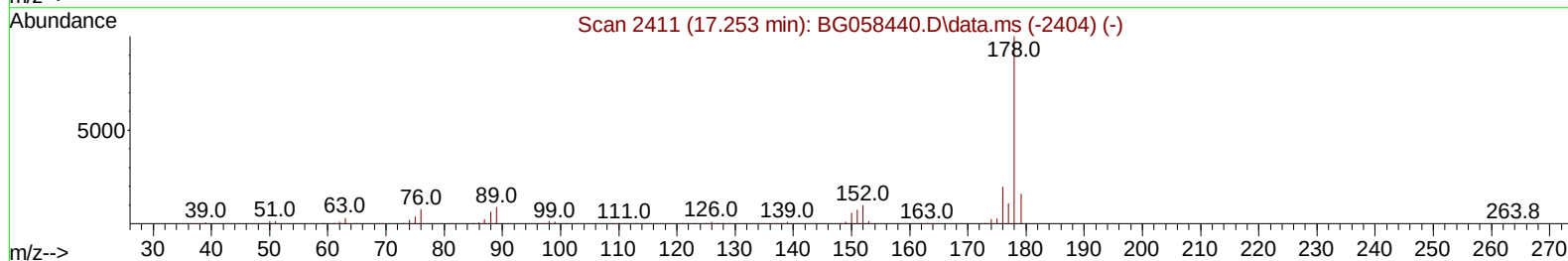
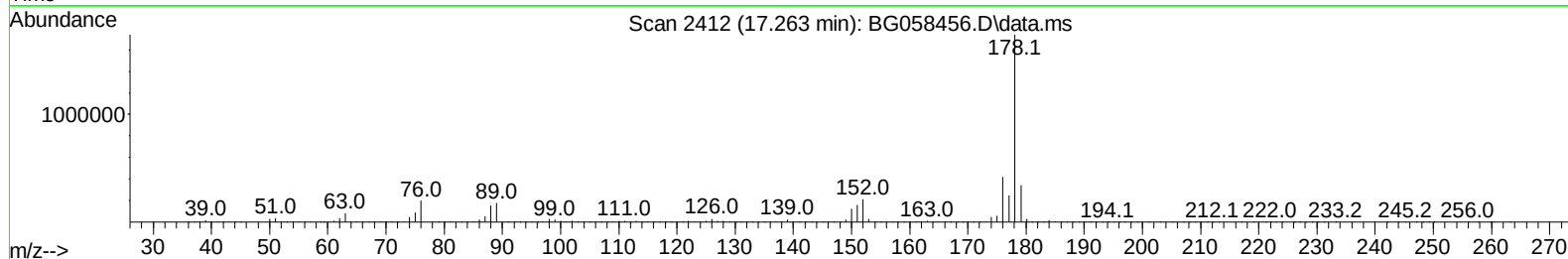
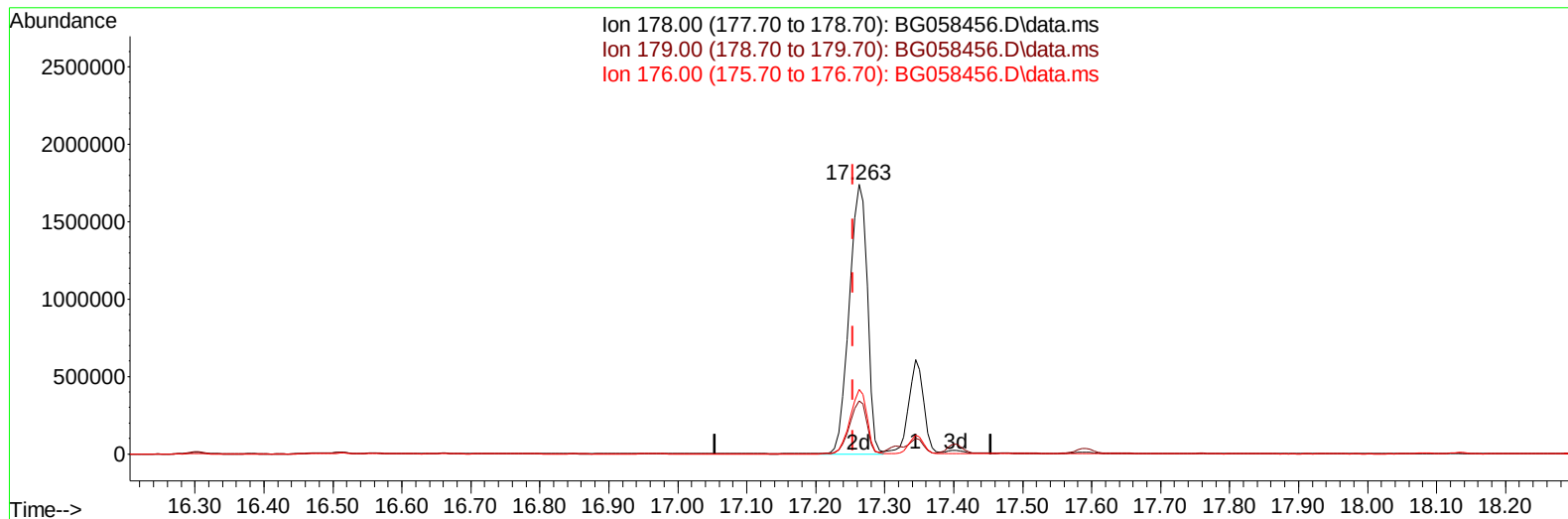
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
 Data File : BG058456.D
 Acq On : 25 Jul 2023 21:44
 Operator : CG/JU
 Sample : 03540-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 26 01:33:48 2023
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Reviewed By :Yogesh Patel 07/26/2023
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TIC: BG058456.D\data.ms

(72) Phenanthrene

17.263min (+ 0.009) 201.16 ng/ul m

response 3157054

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.90	19.76#
176.00	19.80	23.98#
0.00	0.00	0.00

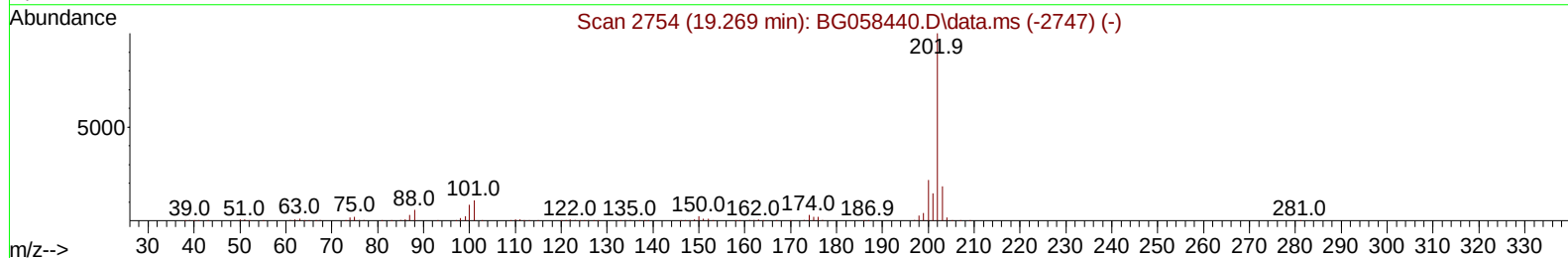
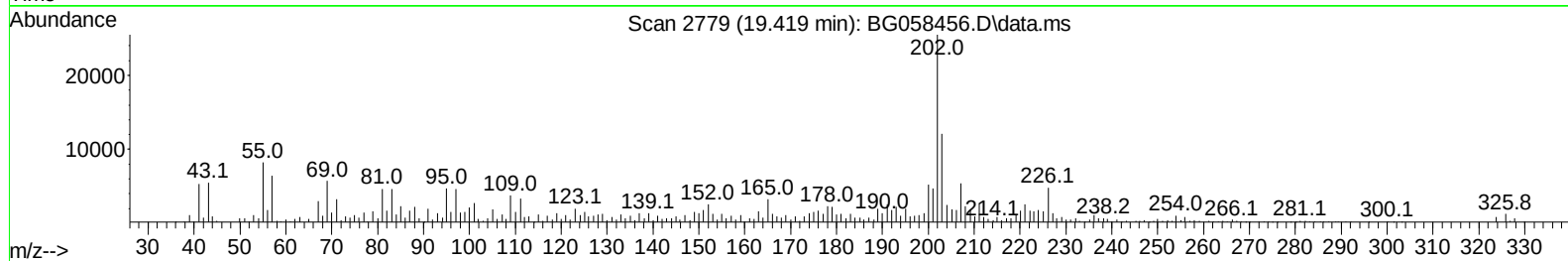
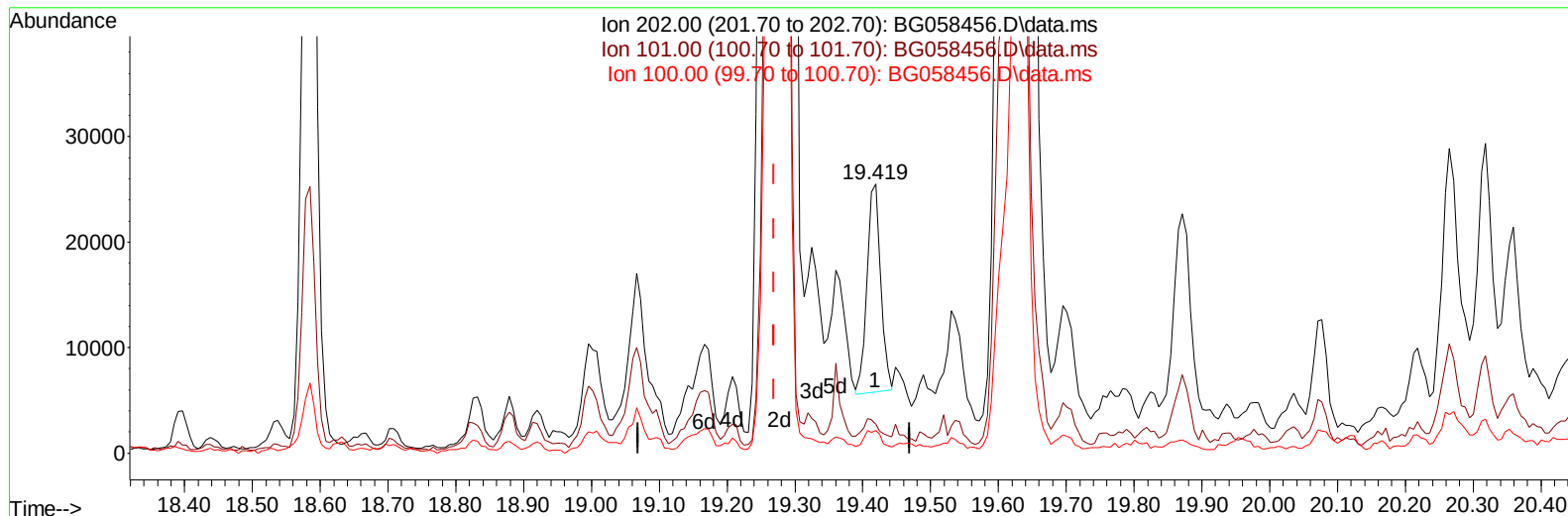
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Quant Time: Jul 26 01:34:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
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TIC: BG058456.D\data.ms

(80) Fluoranthene

19.419min (+ 0.150) 1.55 ng/u1

response 27538

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	10.70	10.72
100.00	9.00	8.47
0.00	0.00	0.00

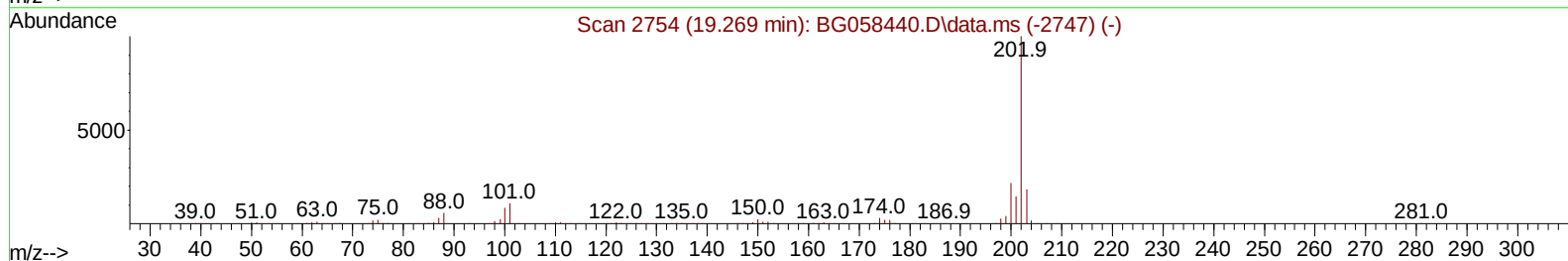
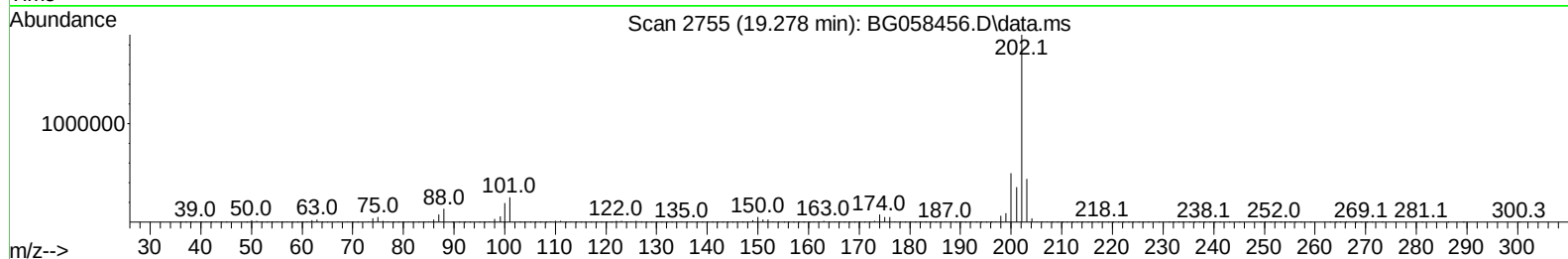
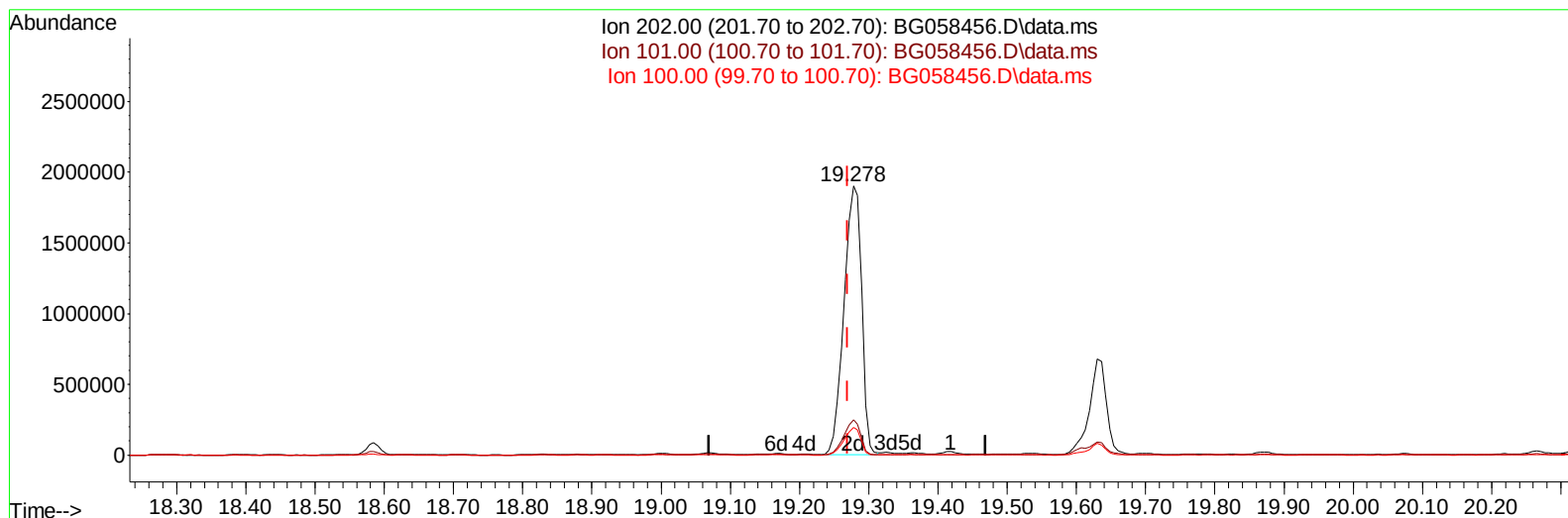
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
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 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

Quant Time: Jul 26 01:34:40 2023
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 QLast Update : Mon Jul 24 22:10:54 2023
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TIC: BG058456.D\data.ms

(80) Fluoranthene

19.278min (+ 0.009) 188.60 ng/ul m

response 3358529

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	10.70	13.09#
100.00	9.00	10.24
0.00	0.00	0.00

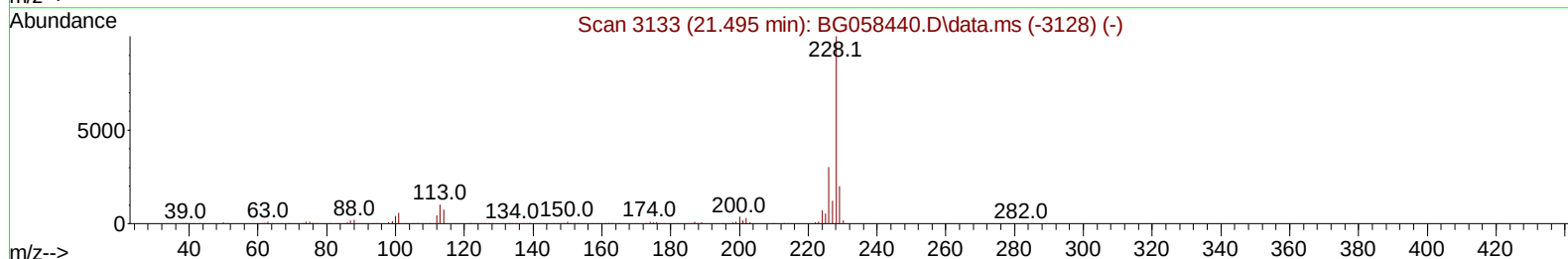
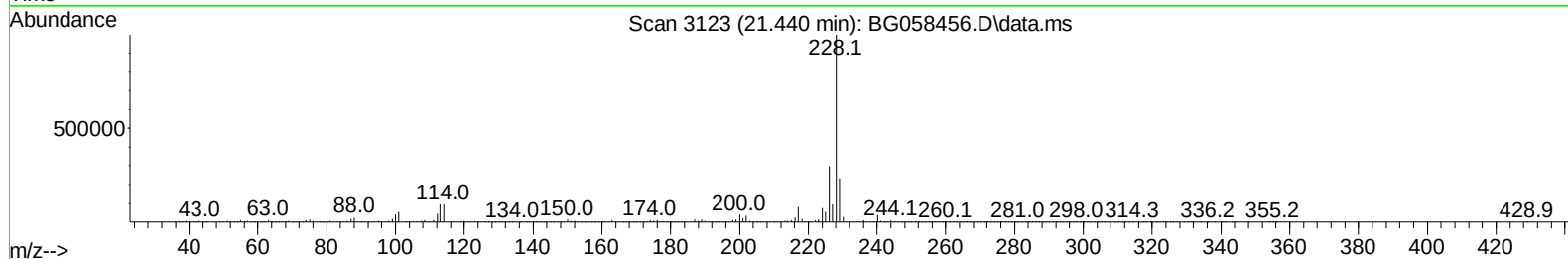
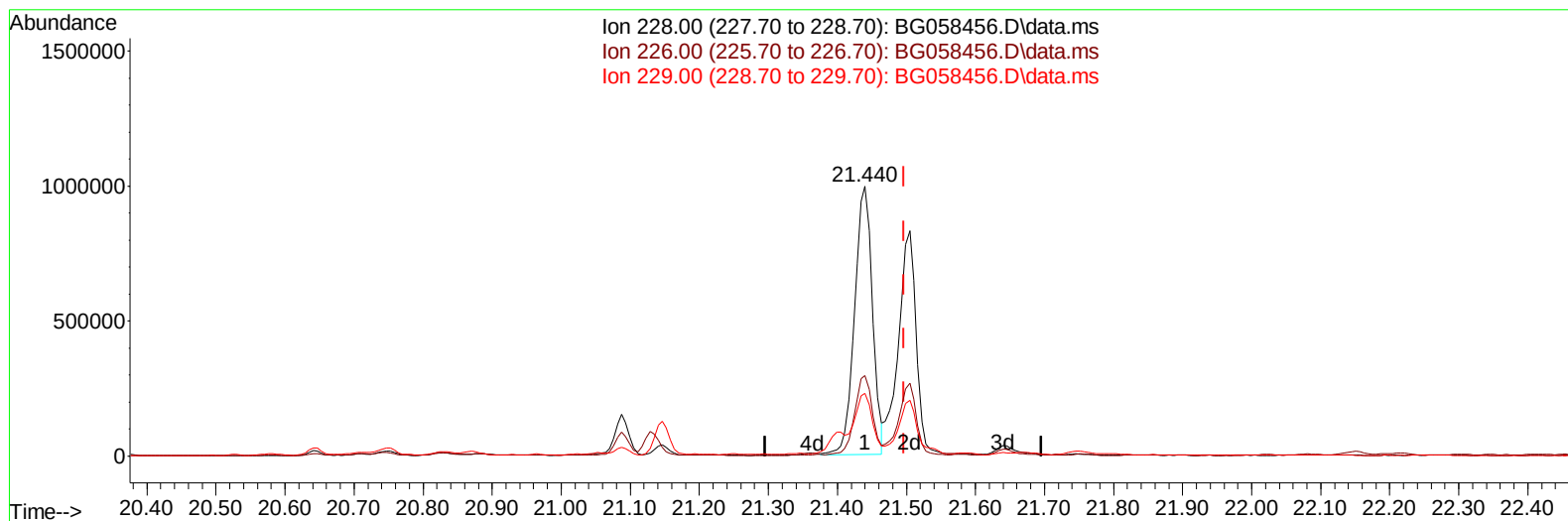
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 Operator : CG/JU
 Sample : 03540-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4734

Manual IntegrationsAPPROVED

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TIC: BG058456.D\data.ms

(87) Chrysene

21.440min (-0.056) 106.23 ng/ul

response 1782418

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	29.81
229.00	19.80	23.24
0.00	0.00	0.00

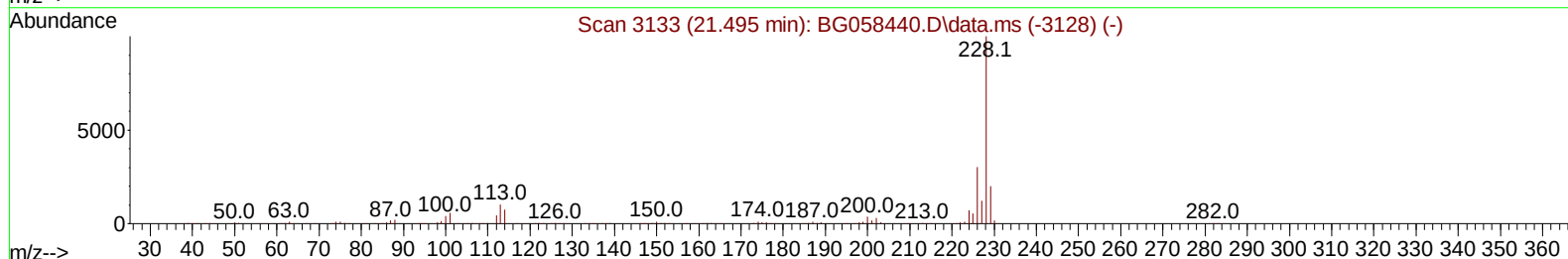
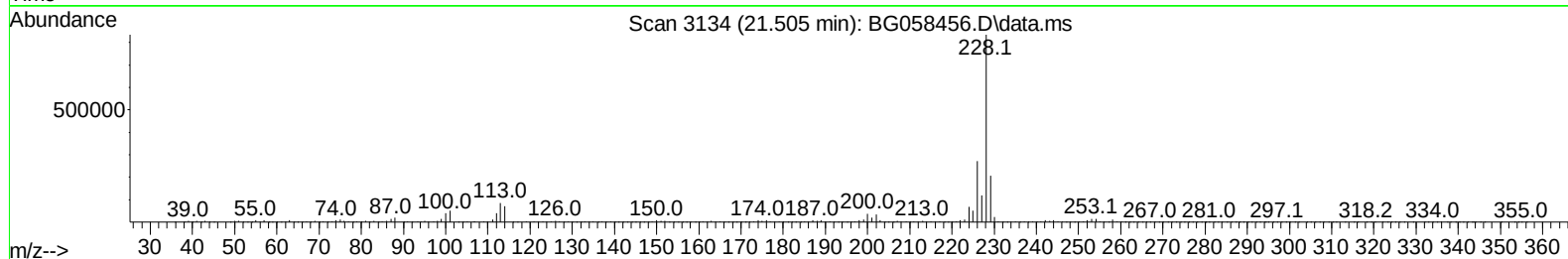
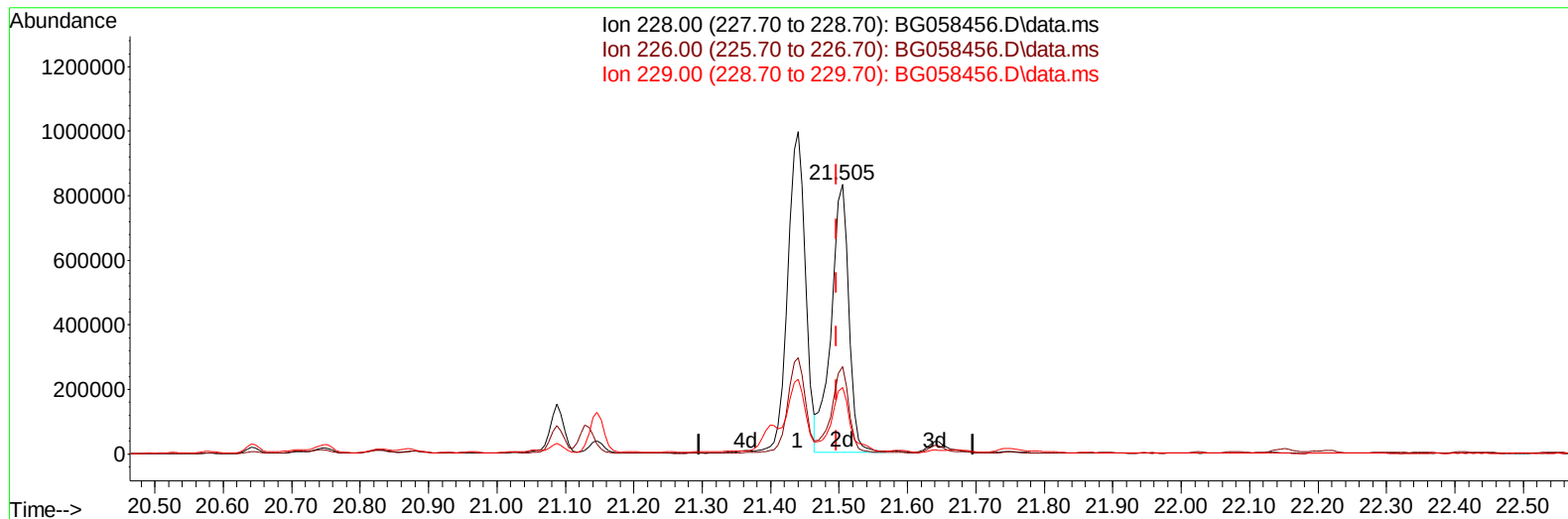
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 ALS Vial : 15 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

Quant Time: Jul 26 01:35:13 2023
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TIC: BG058456.D\data.ms

(87) Chrysene

21.505min (+ 0.009) 88.62 ng/ul m

response 1486945

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	32.43
229.00	19.80	24.76#
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Quant Time: Jul 26 01:36:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.815	152	47107	20.000	ng/ul	0.00
20) Naphthalene-d8	10.617	136	217355	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.466	164	154778	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	330247	20.000	ng/ul	0.00
79) Chrysene-d12	21.458	240	263179	20.000	ng/ul	0.00
88) Perylene-d12	24.525	264	354836	20.000	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.238	96	3879	3.031	ng/uL	0.00
4) Pyridine-d5	3.649	84	24191	6.368	ng/ul	0.00
7) Phenol-d5	6.986	99	63126	14.126	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.145	67	48593	17.398	ng/ul	0.00
11) 2-Chlorophenol-d4	7.351	132	57935	18.521	ng/ul	0.00
15) 4-Methylphenol-d8	8.526	113	59044	17.322	ng/ul	0.00
21) Nitrobenzene-d5	8.978	128	29693	18.226	ng/ul	0.00
24) 2-Nitrophenol-d4	9.701	143	34840	19.588	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.247	165	61773	18.117	ng/ul	0.00
31) 4-Chloroaniline-d4	10.806	131	1697m	0.343	ng/ul	0.05
46) Dimethylphthalate-d6	13.867	166	224979	18.850	ng/ul	0.00
49) Acenaphthylene-d8	14.155	160	222204	17.765	ng/ul	0.00
54) 4-Nitrophenol-d4	14.683	143	19557	10.850	ng/ul	0.00
60) Fluorene-d10	15.453	176	202522	20.495	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.588	200	18211	10.823	ng/ul	0.00
73) Anthracene-d10	17.310	188	268144	18.791	ng/ul	0.00
81) Pyrene-d10	19.601	212	107239	6.899	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.313	264	56910	3.318	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.957	77	6784	3.759	ng/ul	92
8) Phenol	7.016	94	18244m	3.931	ng/ul	
16) Acetophenone	8.637	105	81429	14.028	ng/ul	97
30) Naphthalene	10.670	128	256876	22.110	ng/ul	98
36) 2-Methylnaphthalene	12.280	142	102664	13.190	ng/ul	98
37) 1-Methylnaphthalene	12.504	142	79395	9.952	ng/ul	99
43) 1,1'-Biphenyl	13.297	154	44301	4.233	ng/ul	99
47) Dimethylphthalate	13.914	163	70760	5.902	ng/ul	98
50) Acenaphthylene	14.184	152	33170	2.457	ng/ul#	89
52) Acenaphthene	14.525	153	372741	39.764	ng/ul	99
56) Dibenzofuran	14.860	168	416299	31.189	ng/ul	100
61) Fluorene	15.512	166	445032	40.658	ng/ul	100
72) Phenanthrene	17.263	178	3157054m	201.161	ng/ul	
74) Anthracene	17.345	178	916162	58.149	ng/ul	100
77) Carbazole	17.615	167	122767	8.989	ng/ul	98
78) Di-n-butylphthalate	18.167	149	87912	5.066	ng/ul	99
80) Fluoranthene	19.278	202	3358529m	188.602	ng/ul	
82) Pyrene	19.630	202	1168289	64.749	ng/ul	97
85) Benzo(a)anthracene	21.440	228	1782027	100.739	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.340	149	213878	21.164	ng/ul	98
87) Chrysene	21.505	228	1486945m	88.619	ng/ul	
90) Benzo(b)fluoranthene	23.567	252	1787828	87.082	ng/ul	97
91) Benzo(k)fluoranthene	23.620	252	750089	36.633	ng/ul	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
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 Misc :
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Instrument :
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 ClientSampleId :
 A4734

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/26/2023
 Supervised By :mohammad ahmed 07/26/2023

Quant Time: Jul 26 01:36:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 24 22:10:54 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Benzo(a)pyrene	24.378	252	215677	11.811	ng/ul#	88
94) Indeno(1,2,3-cd)pyrene	28.021	276	283681	11.791	ng/ul	92
95) Dibenzo(a,h)anthracene	28.068	278	260630	13.211	ng/ul#	92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
 Data File : BG058456.D
 Acq On : 25 Jul 2023 21:44
 Operator : CG/JU
 Sample : 03540-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4734

Manual IntegrationsAPPROVED

Quant Time: Jul 26 01:36:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 24 22:10:54 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/26/2023
 Supervised By :mohammad ahmed 07/26/2023

