

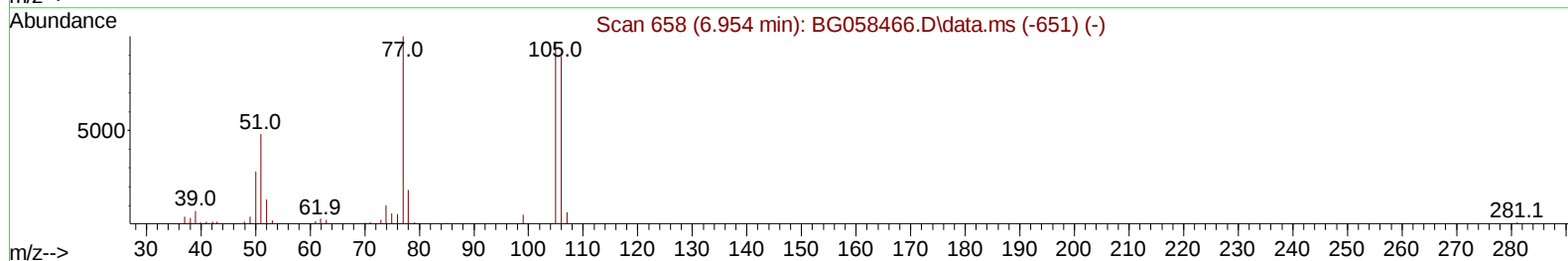
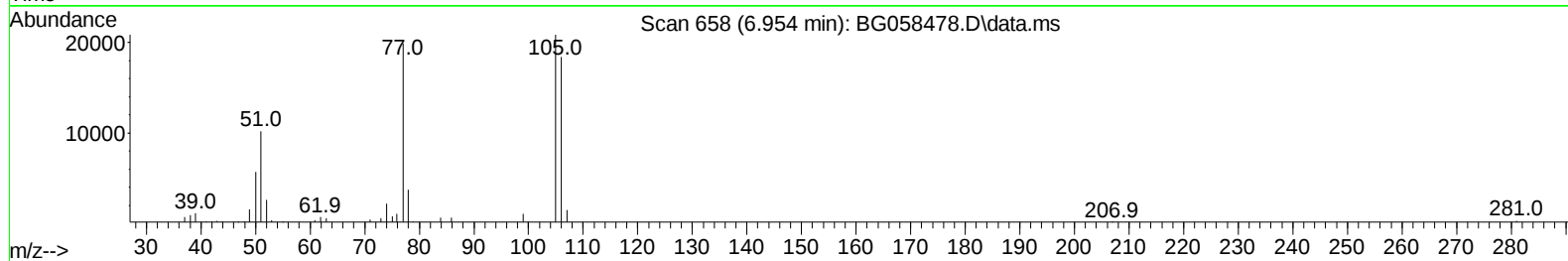
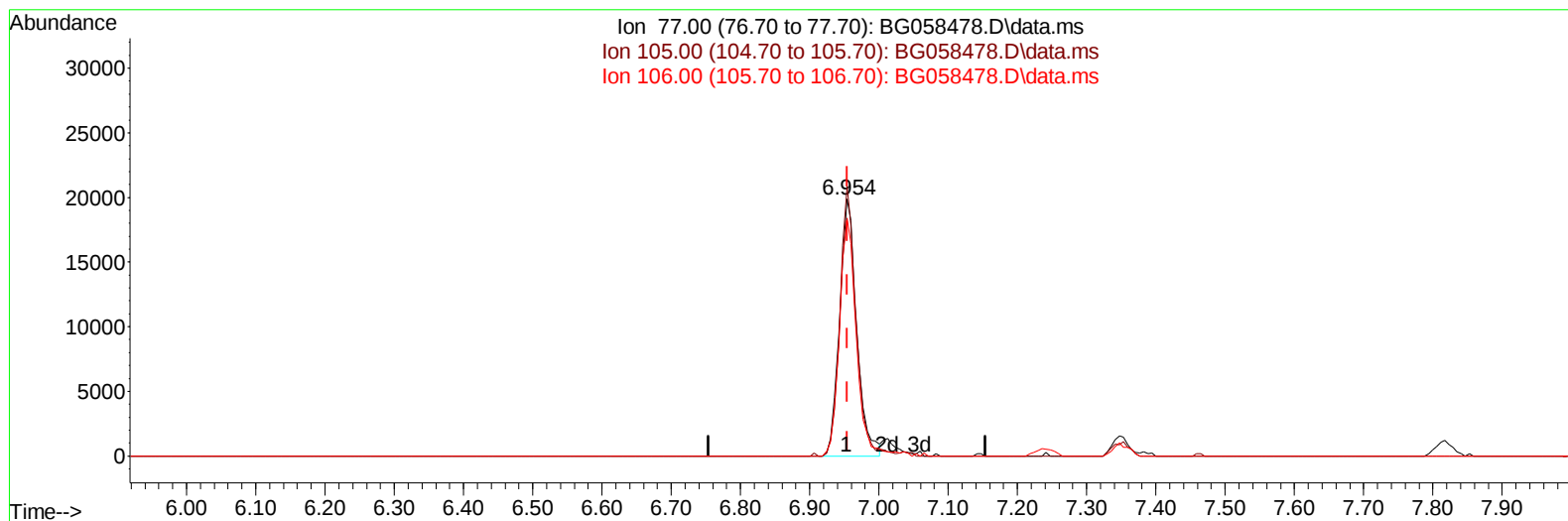
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
 Data File : BG058478.D
 Acq On : 26 Jul 2023 14:15
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: Jul 26 14:58:33 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 07/27/2023
 Supervised By :mohammad ahmed 07/27/2023



TIC: BG058478.D\data.ms

(6) Benzaldehyde

6.954min (-0.001) 14.87 ng/u1

response 34002

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	97.80	104.95
106.00	89.50	92.59
0.00	0.00	0.00

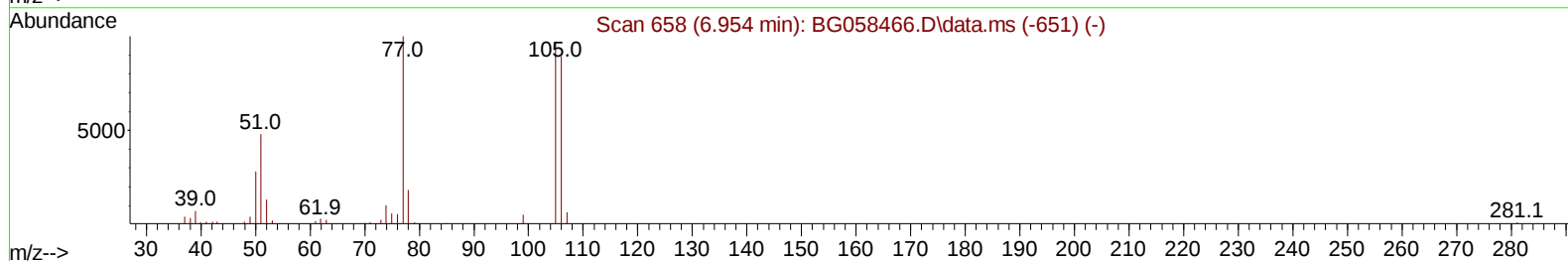
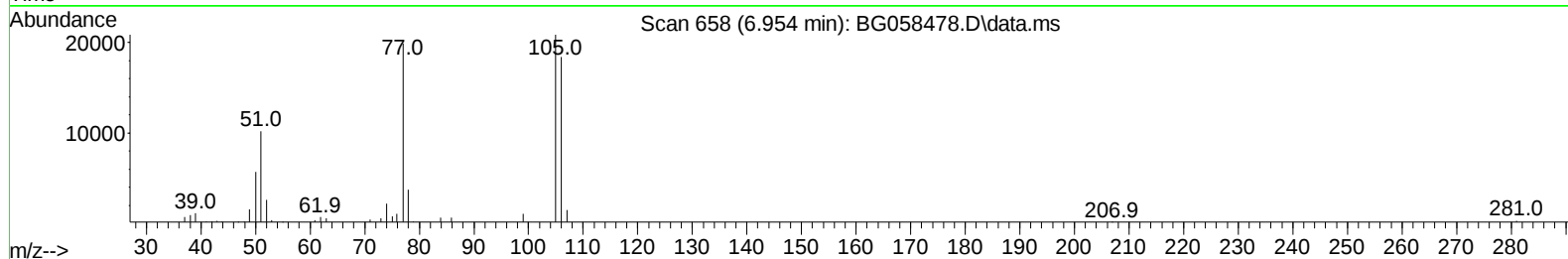
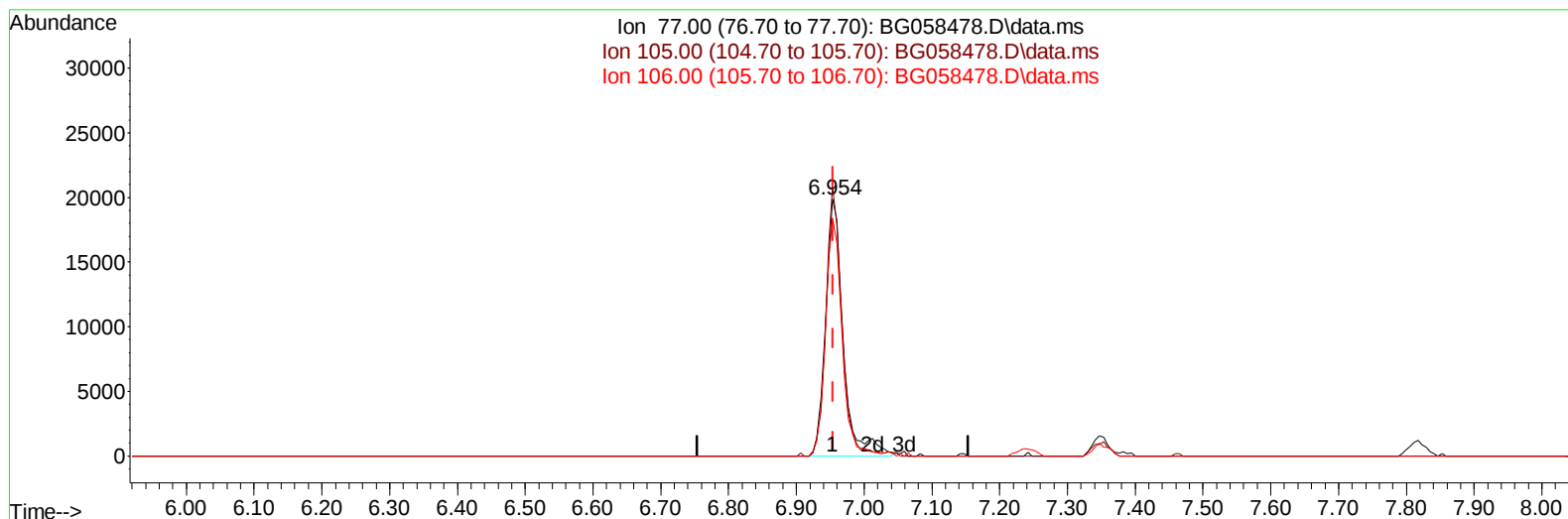
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
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 Supervised By :mohammad ahmed 07/27/2023



TIC: BG058478.D\data.ms

(6) Benzaldehyde

6.954min (-0.001) 15.67 ng/u1 m

response 35823

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	97.80	104.95
106.00	89.50	92.59
0.00	0.00	0.00

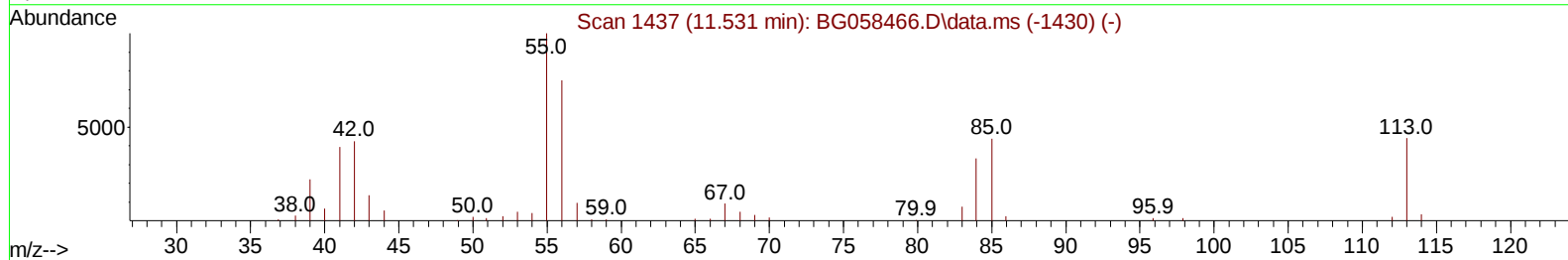
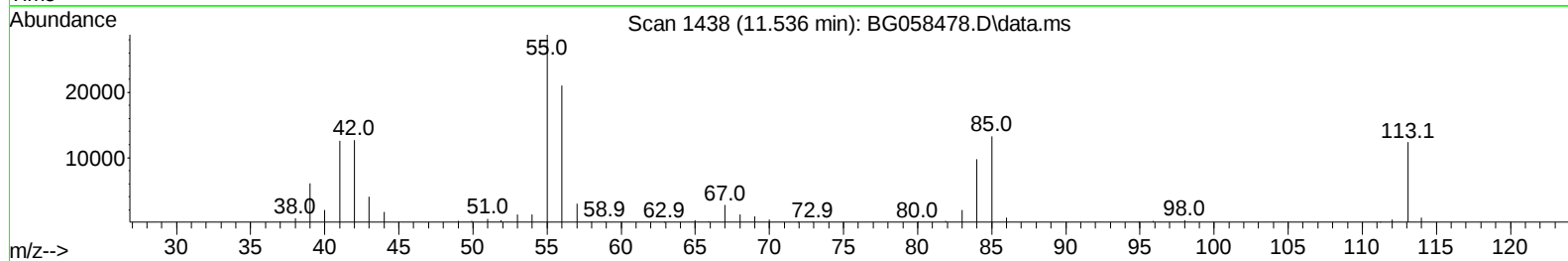
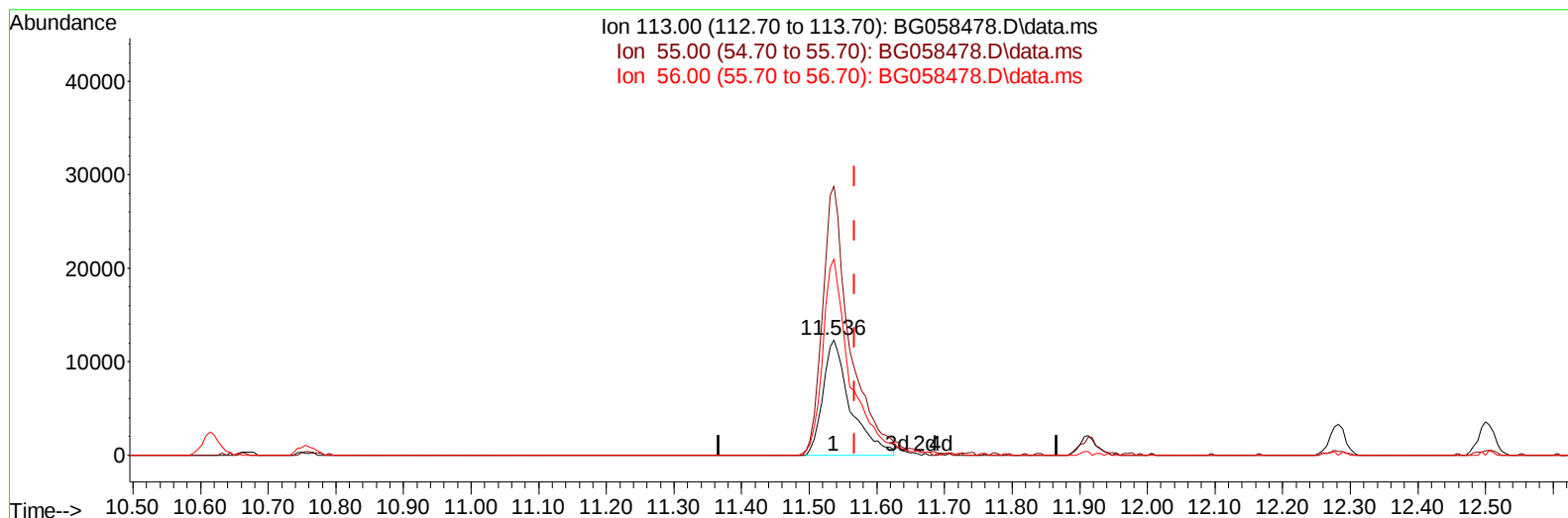
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
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TIC: BG058478.D\data.ms

(34) Caprolactam

11.536min (-0.030) 19.25 ng/ul

response 34783

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	224.70	233.31
56.00	165.30	170.48
0.00	0.00	0.00

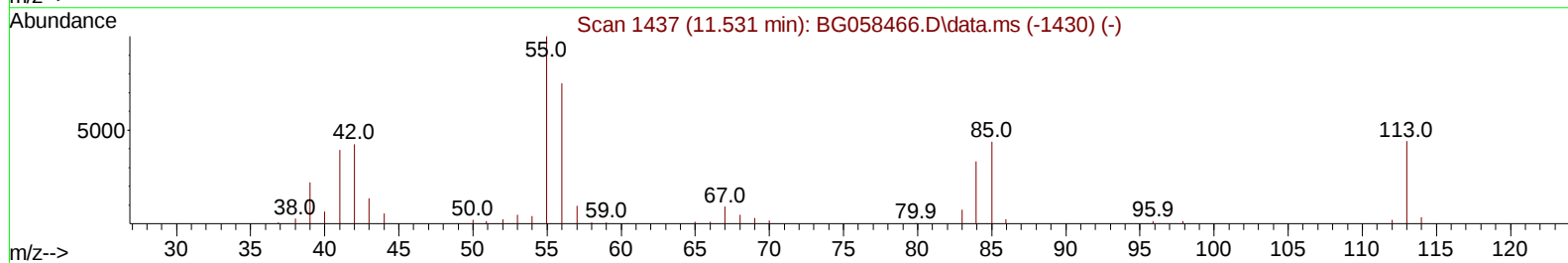
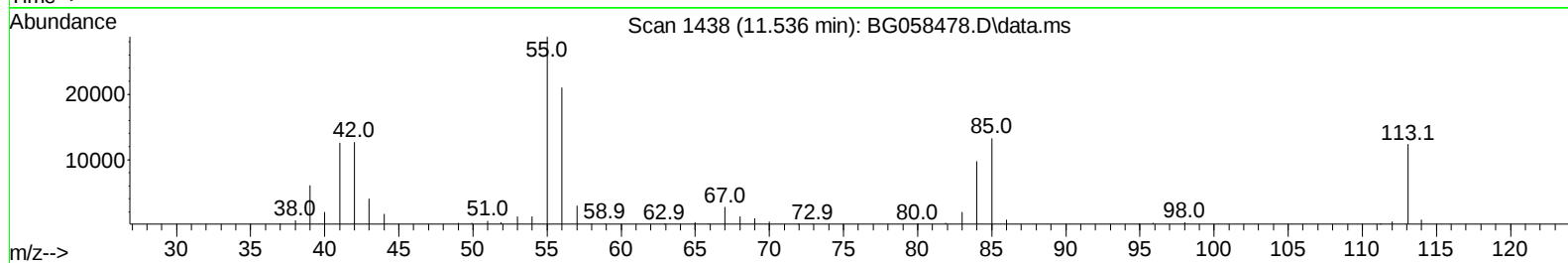
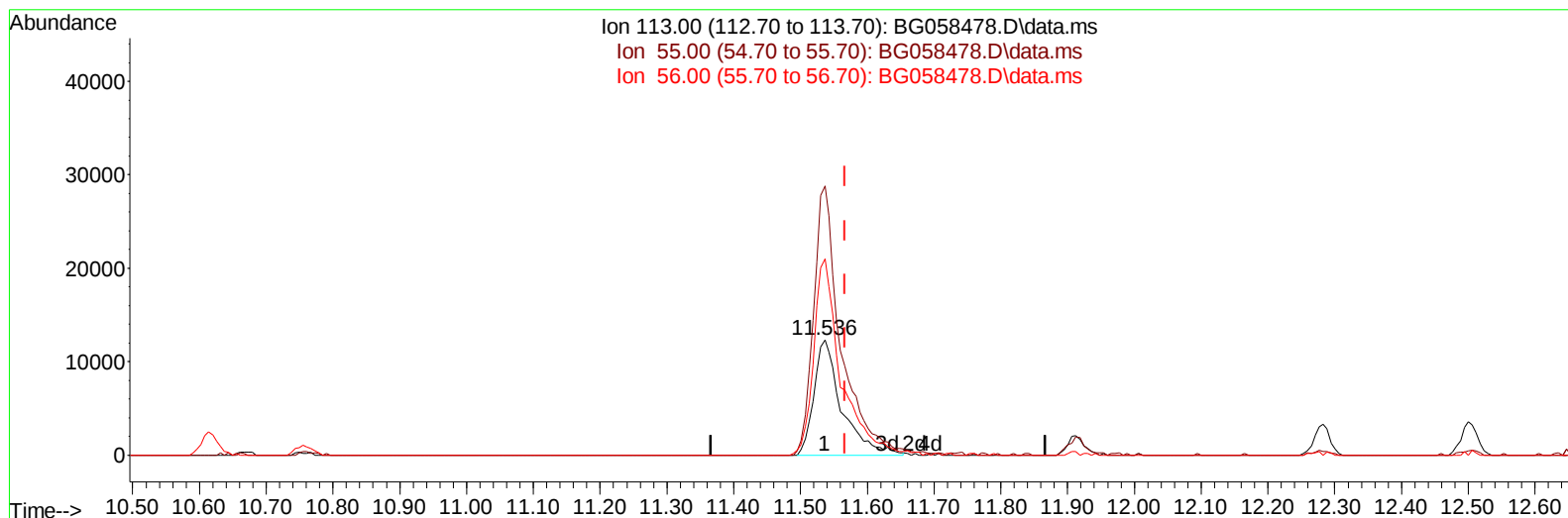
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
 Data File : BG058478.D
 Acq On : 26 Jul 2023 14:15
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 Sample : SSTDCCC020EC
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 ALS Vial : 37 Sample Multiplier: 1

Instrument :
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 LabSampleId :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/27/2023
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TIC: BG058478.D\data.ms

(34) Caprolactam

11.536min (-0.030) 19.67 ng/ul m

response 35549

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	224.70	233.31
56.00	165.30	170.48
0.00	0.00	0.00

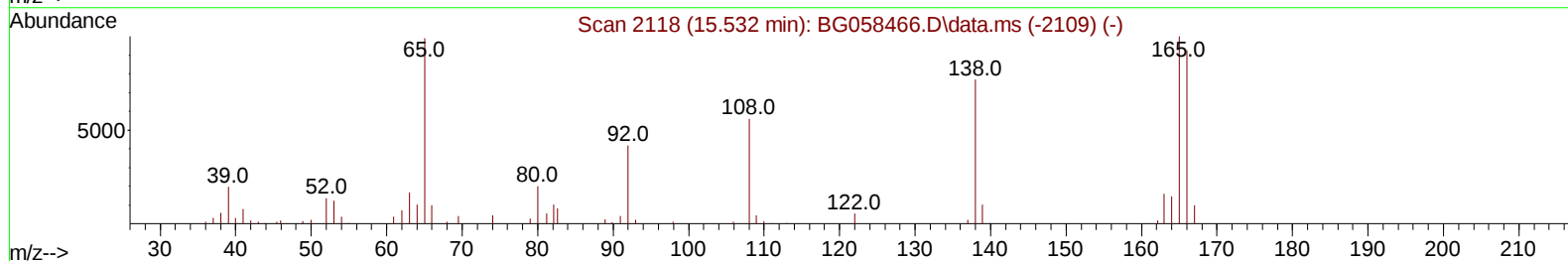
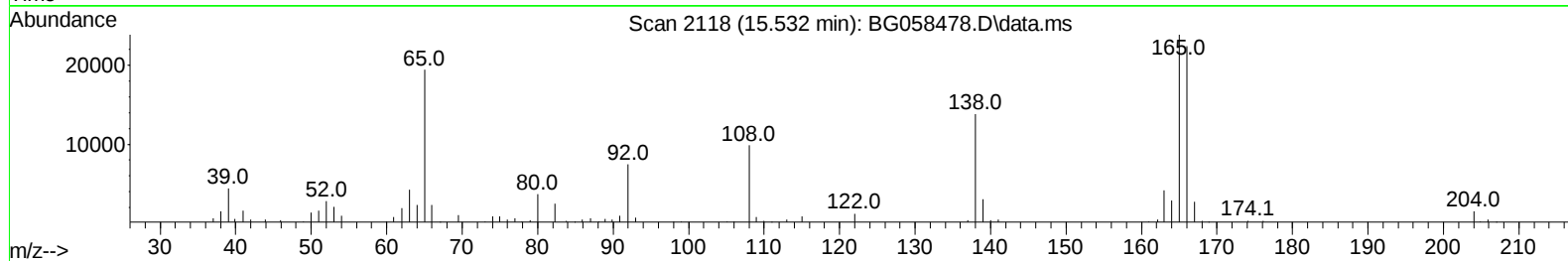
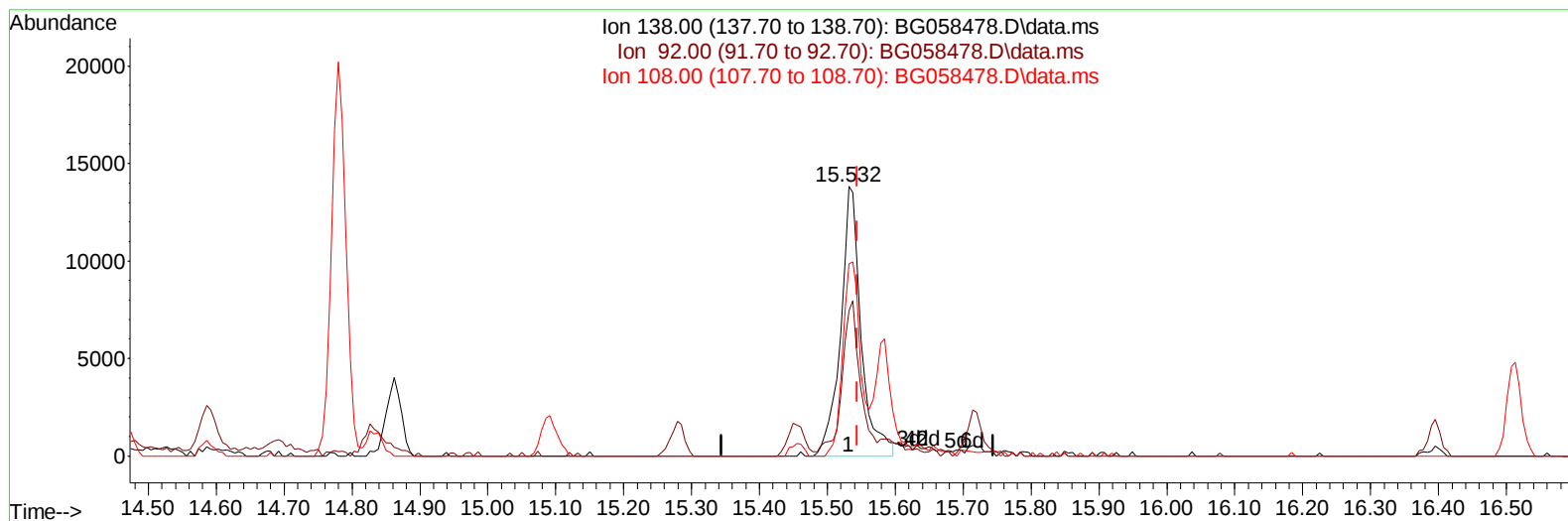
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
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TIC: BG058478.D\data.ms

(63) 4-Nitroaniline

15.532min (-0.013) 12.40 ng/ul

response 29057

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	56.20	53.91
108.00	76.00	71.37
0.00	0.00	0.00

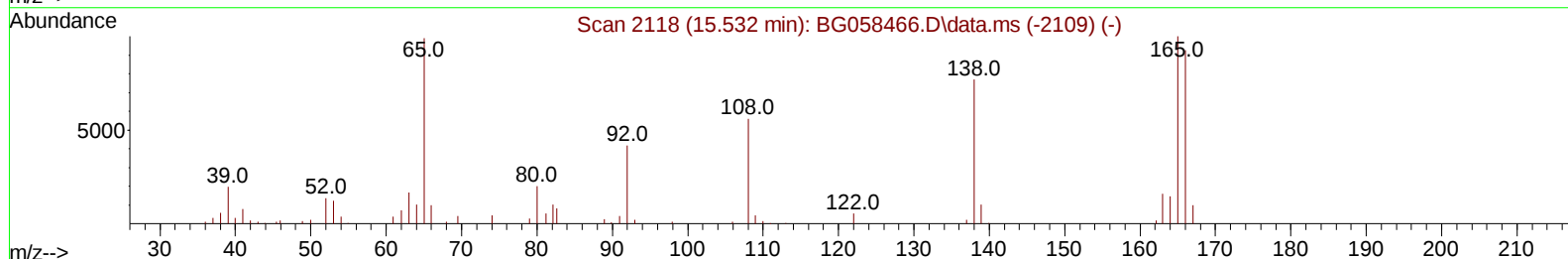
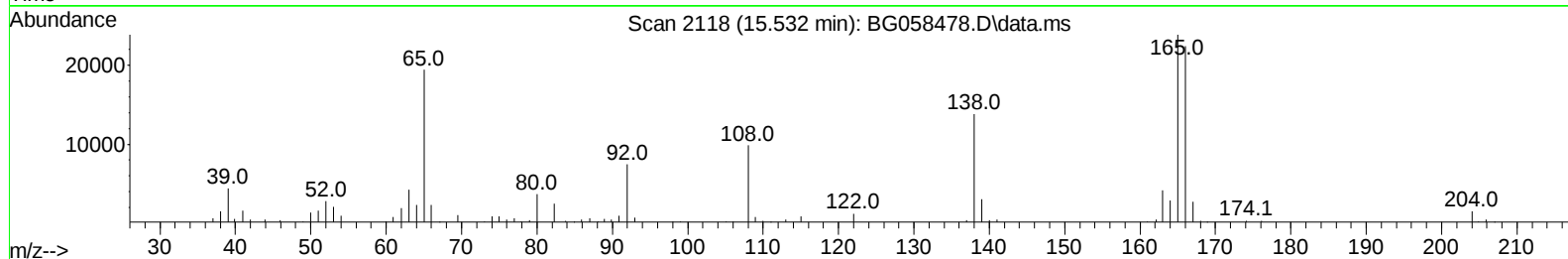
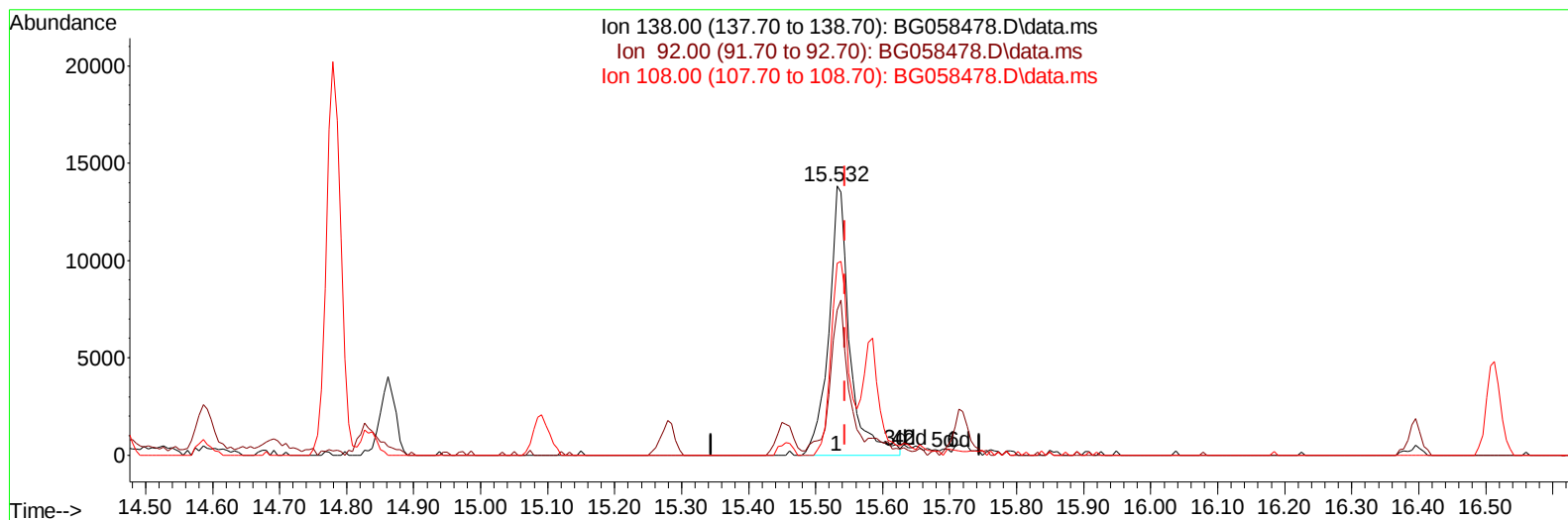
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 Data File : BG058478.D
 Acq On : 26 Jul 2023 14:15
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
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 LabSampleId :
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Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 07/27/2023



TIC: BG058478.D\data.ms

(63) 4-Nitroaniline

15.532min (-0.013) 12.77 ng/ul m

response 29923

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	56.20	53.91
108.00	76.00	71.37
0.00	0.00	0.00

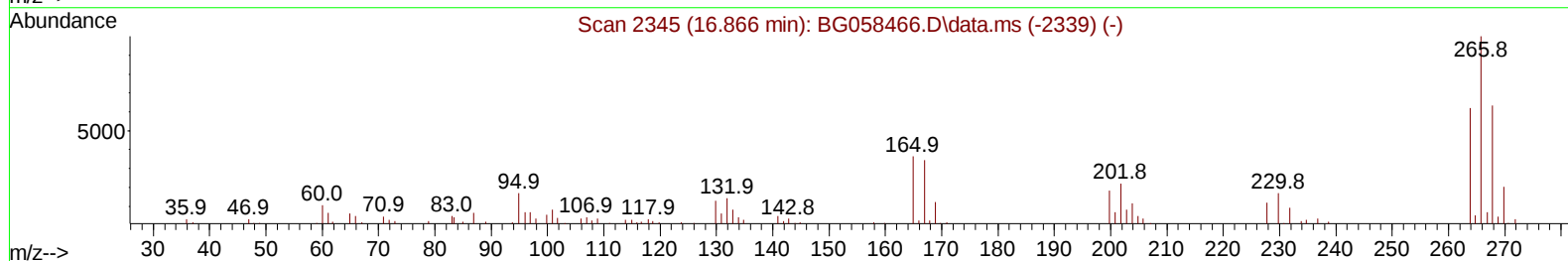
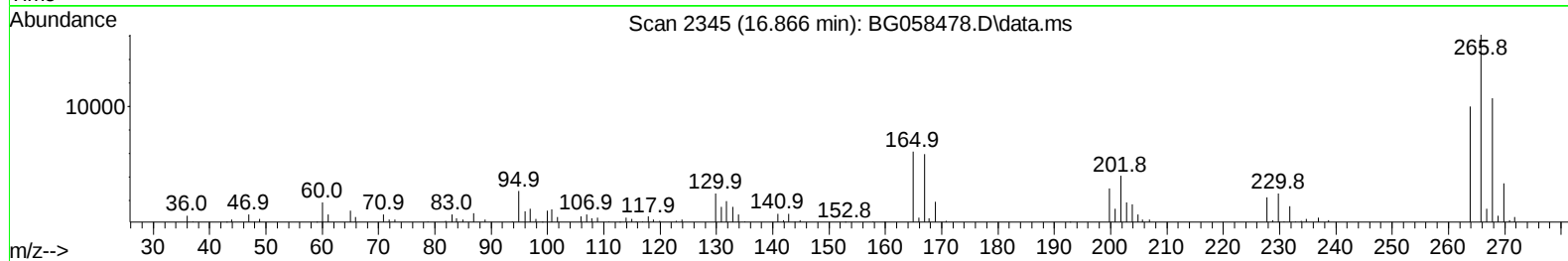
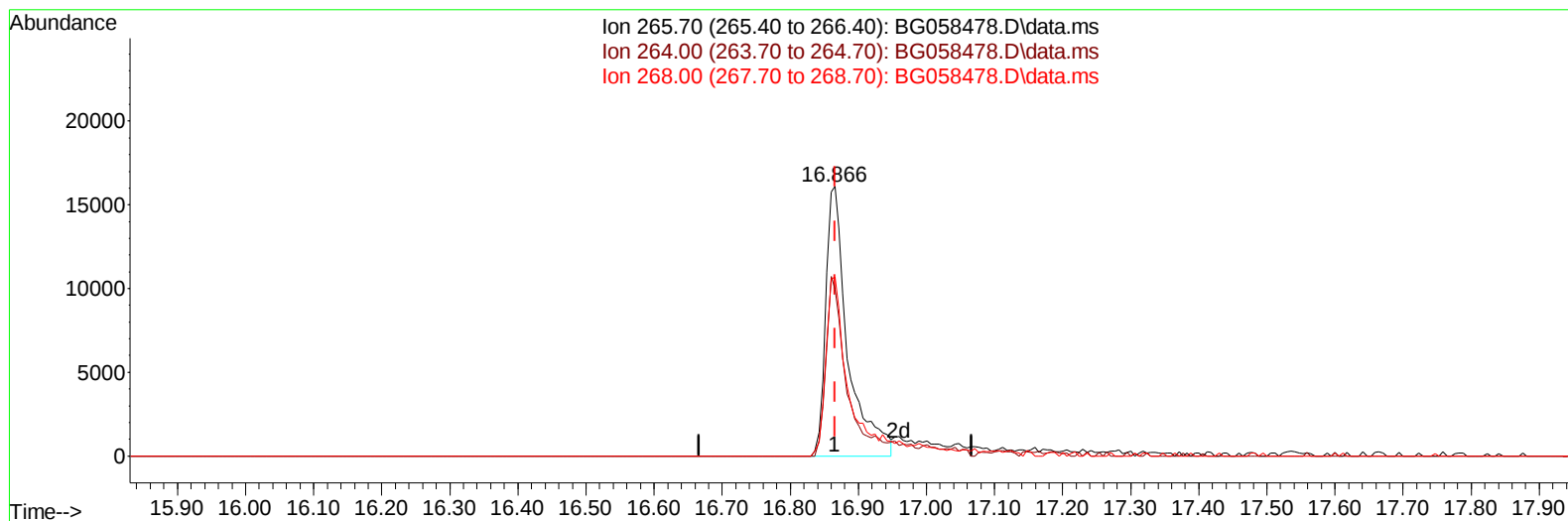
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
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TIC: BG058478.D\data.ms

(71) Pentachlorophenol (C)

16.866min (-0.001) 12.56 ng/u1

response 36324

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	58.30	62.00
268.00	59.50	66.37
0.00	0.00	0.00

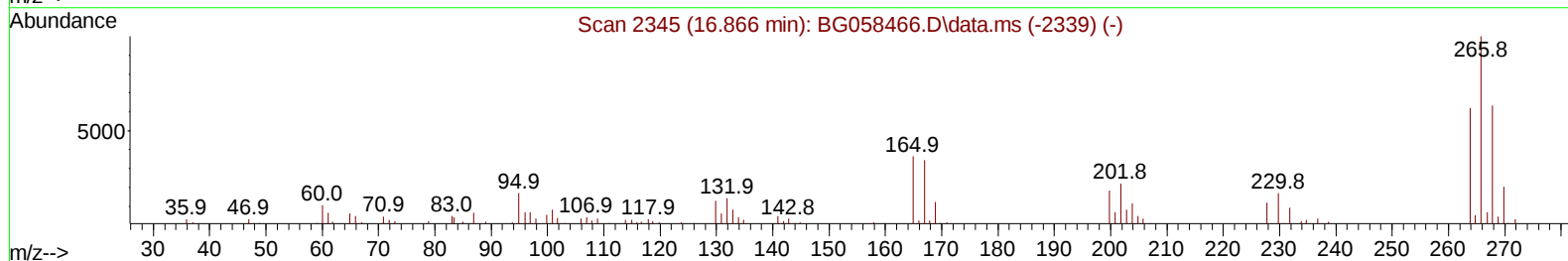
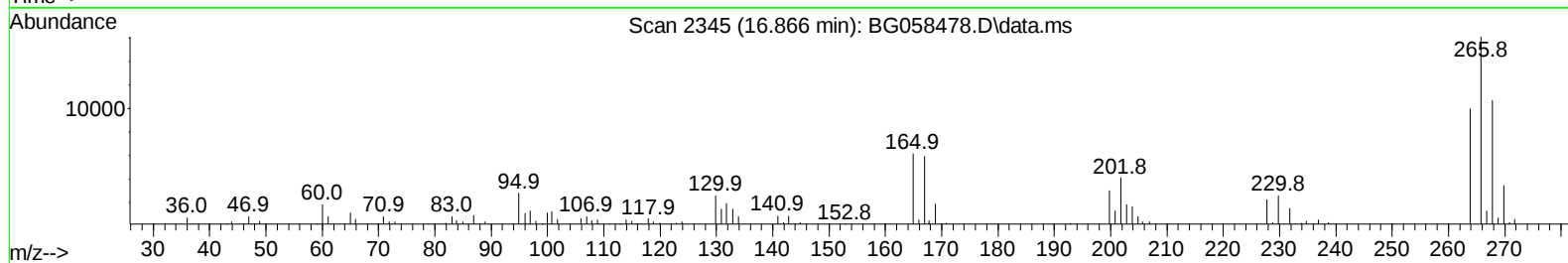
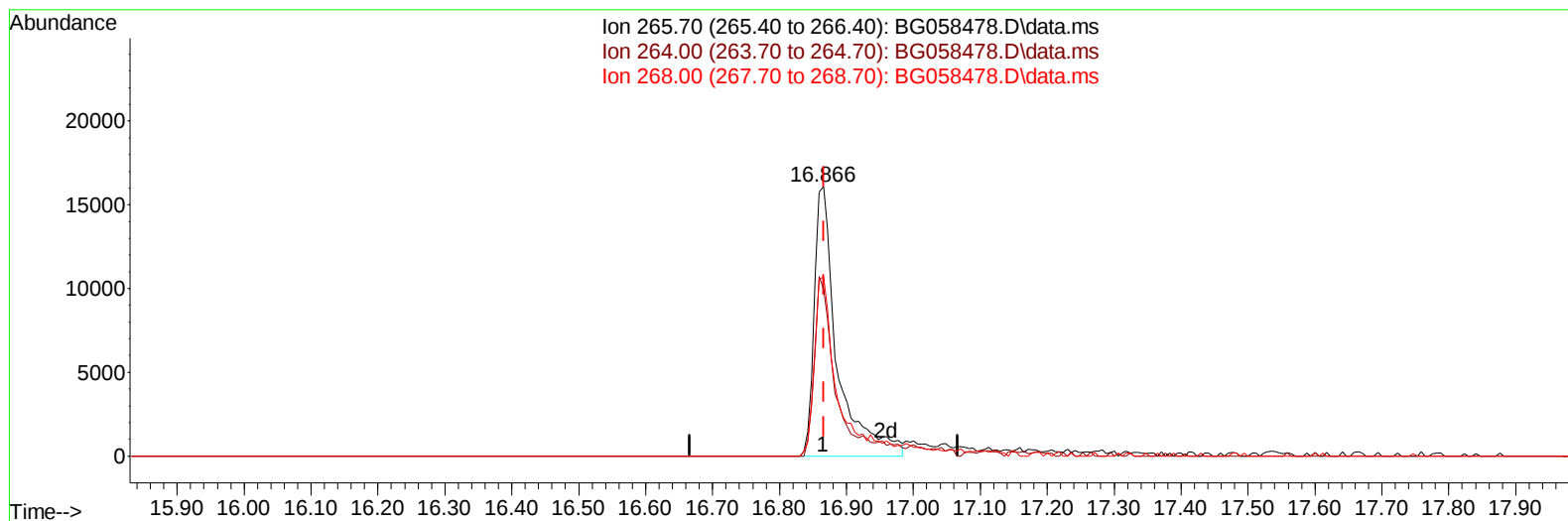
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
 Data File : BG058478.D
 Acq On : 26 Jul 2023 14:15
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: Jul 26 14:58:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
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 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/27/2023
 Supervised By :mohammad ahmed 07/27/2023



TIC: BG058478.D\data.ms

(71) Pentachlorophenol (C)

16.866min (-0.001) 13.27 ng/ul m

response 38367

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	58.30	62.00
268.00	59.50	66.37
0.00	0.00	0.00

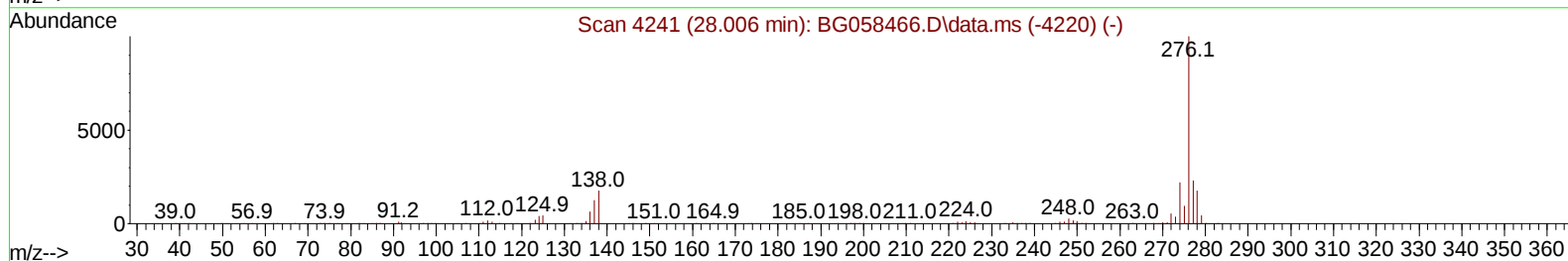
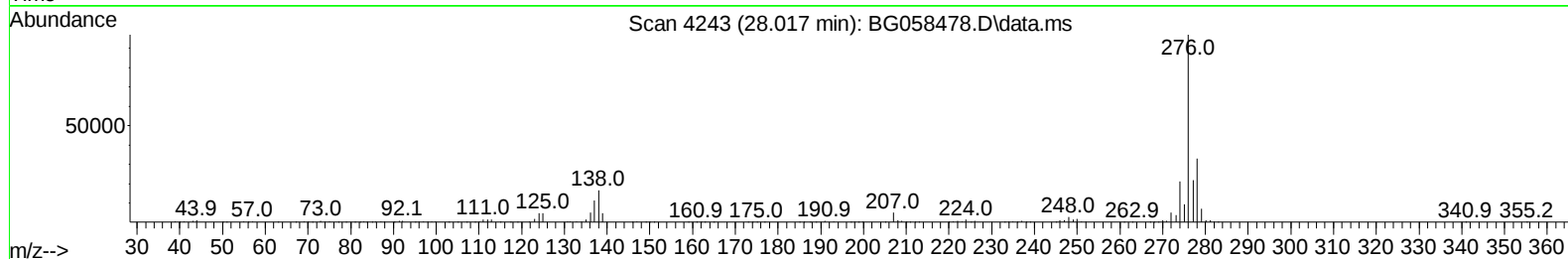
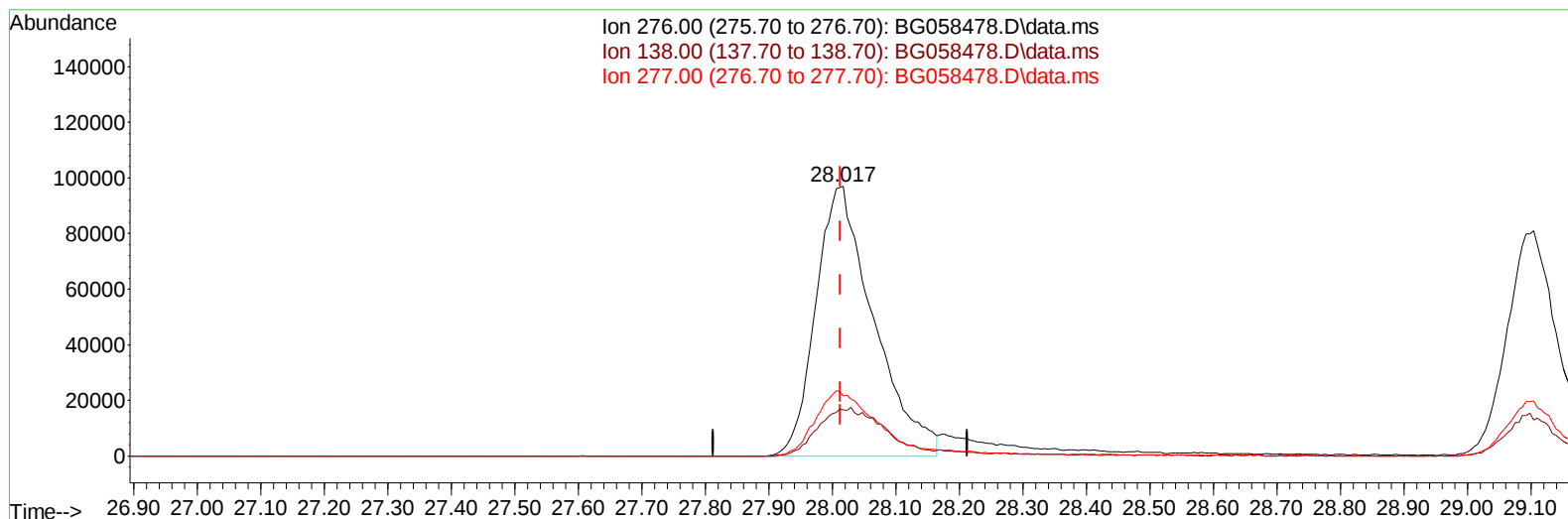
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
 Data File : BG058478.D
 Acq On : 26 Jul 2023 14:15
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
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 LabSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG058478.D\data.ms

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

28.017min (+ 0.005) 20.37 ng/u1

response 612910

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.20	17.18
277.00	24.00	22.34
0.00	0.00	0.00

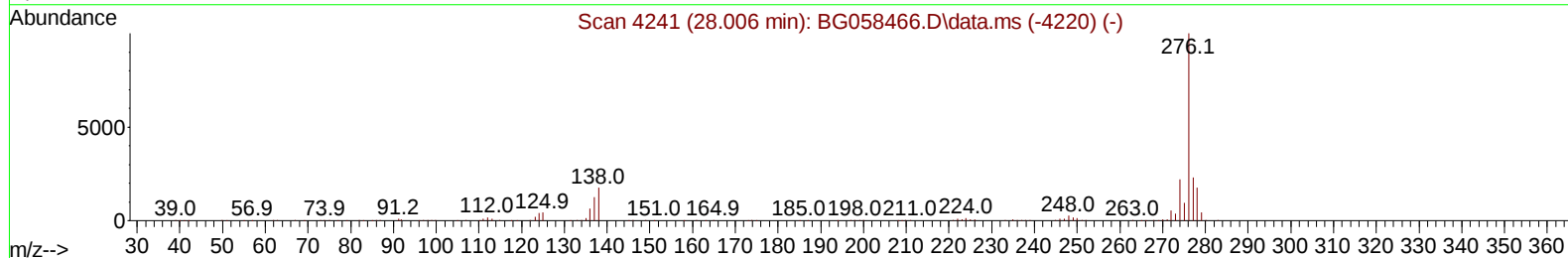
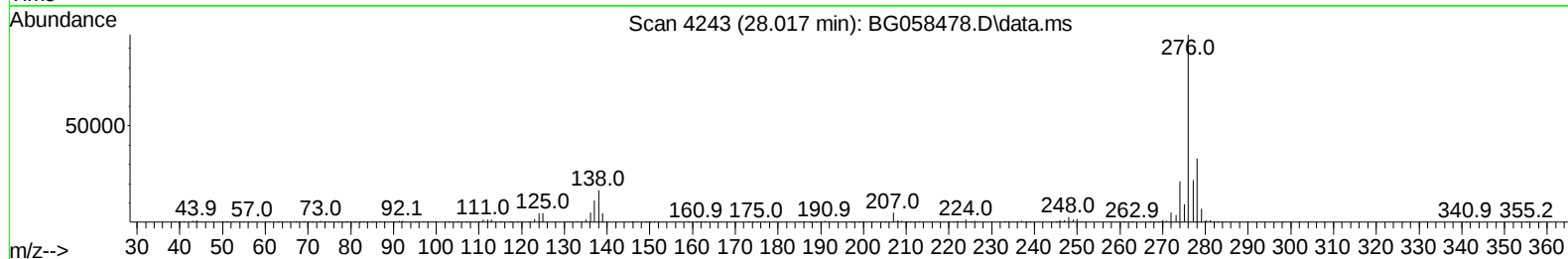
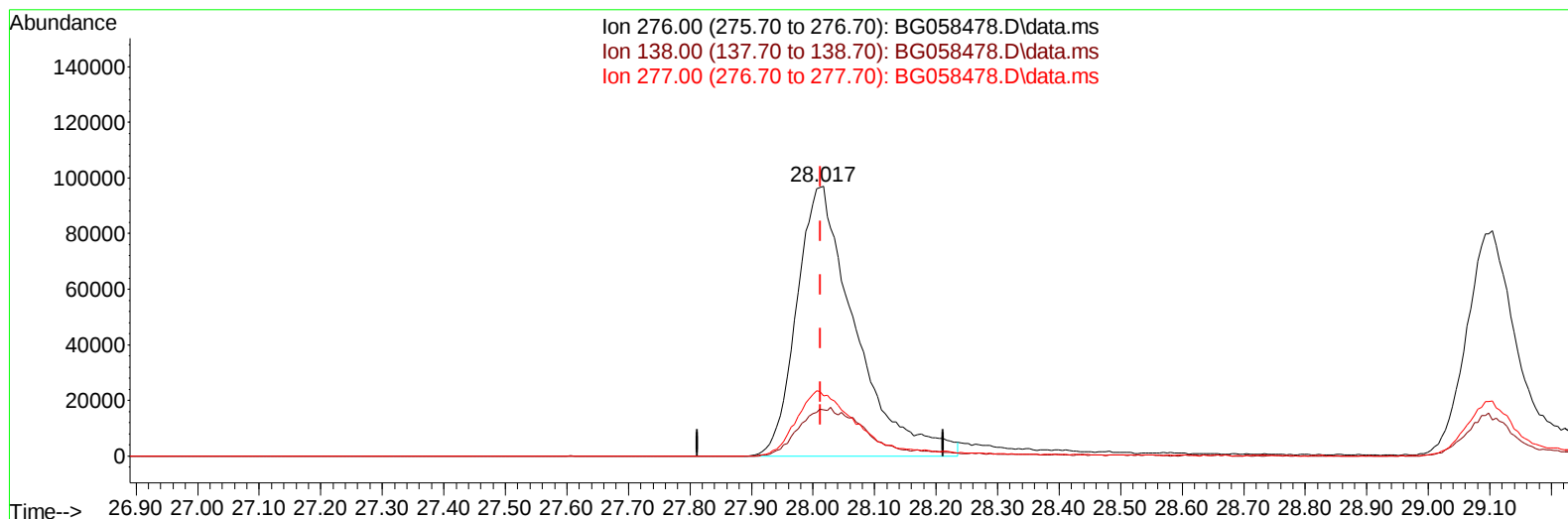
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
 Data File : BG058478.D
 Acq On : 26 Jul 2023 14:15
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC020EC

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/27/2023
 Supervised By :mohammad ahmed 07/27/2023



TIC: BG058478.D\data.ms

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

28.017min (+ 0.005) 21.26 ng/ul m

response 639813

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.20	17.18
277.00	24.00	22.34
0.00	0.00	0.00

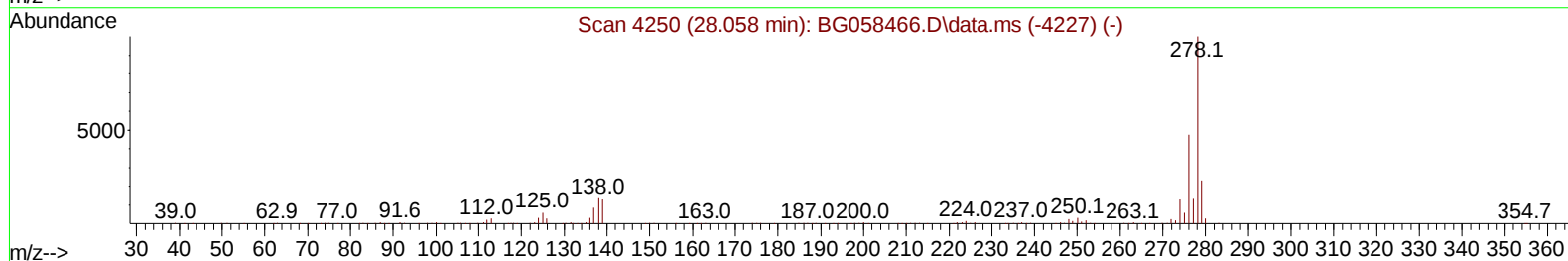
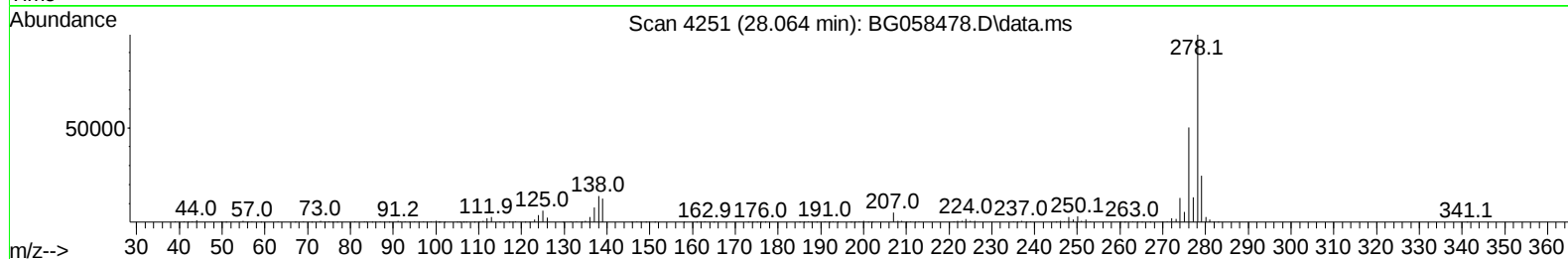
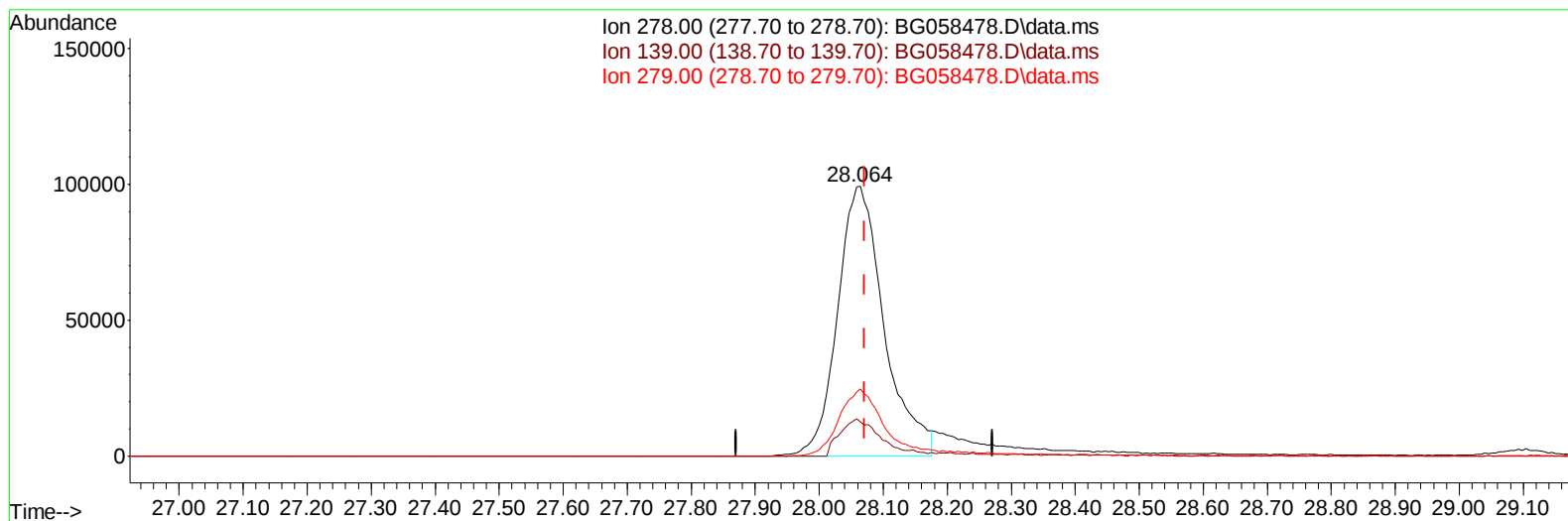
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
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 ALS Vial : 37 Sample Multiplier: 1

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 LabSampleId :
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Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 07/27/2023



TIC: BG058478.D\data.ms

(95) Dibenzo(a,h)anthracene

28.064min (-0.007) 20.38 ng/u1

response 502834

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.00	12.72
279.00	23.00	24.84
0.00	0.00	0.00

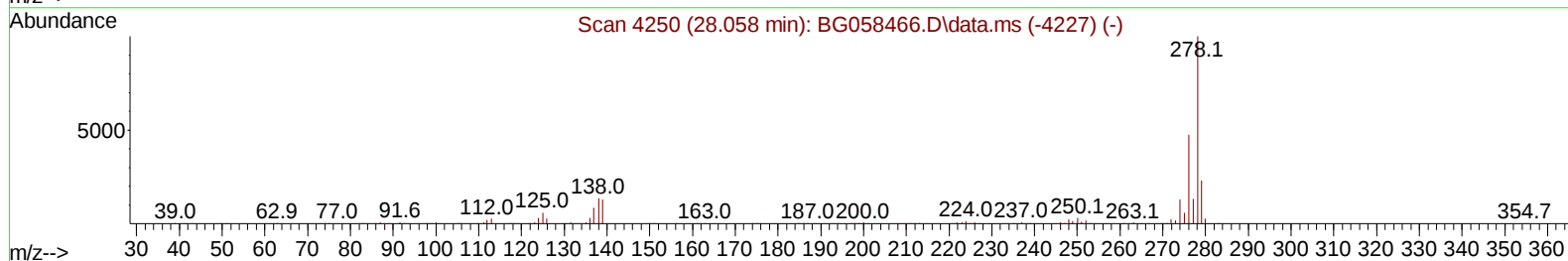
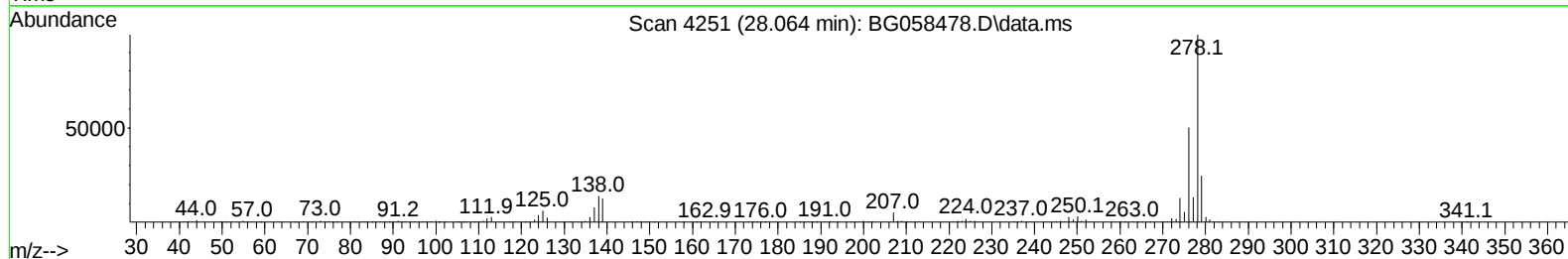
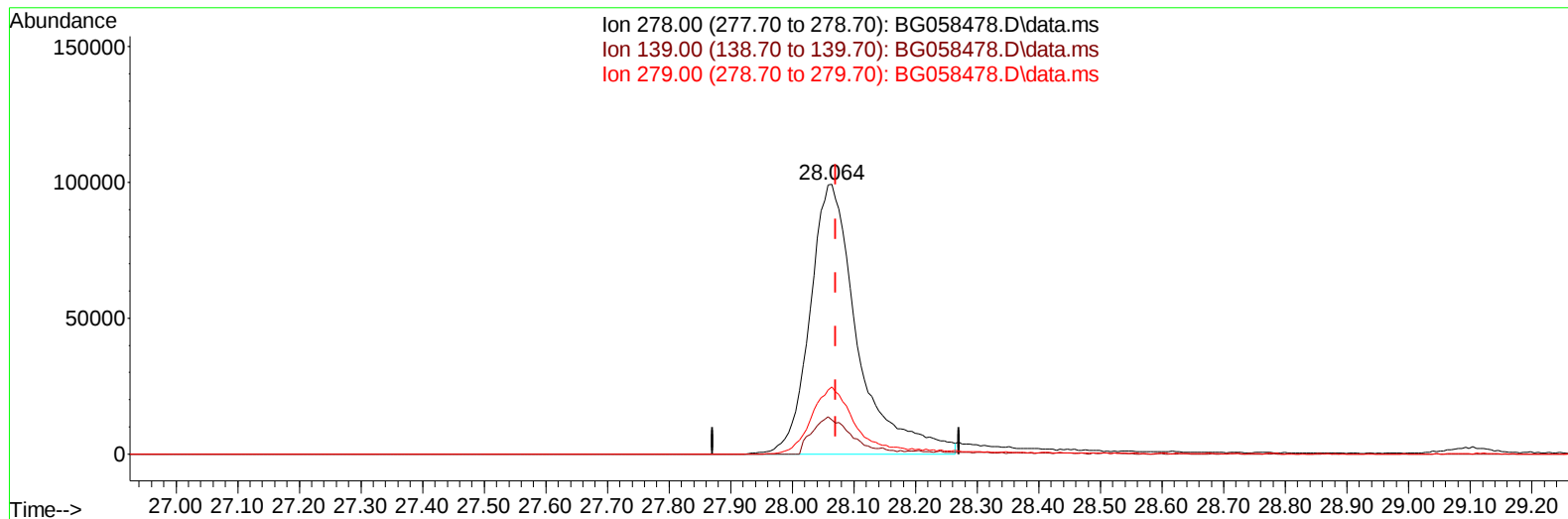
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
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Sample : SSTDCCC020EC
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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LabSampleId :
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Manual IntegrationsAPPROVED

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Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



TIC: BG058478.D\data.ms

(95) Dibenzo(a,h)anthracene

28.064min (-0.007) 21.71 ng/ul m

response 535741

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.00	12.72
279.00	23.00	24.84
0.00	0.00	0.00

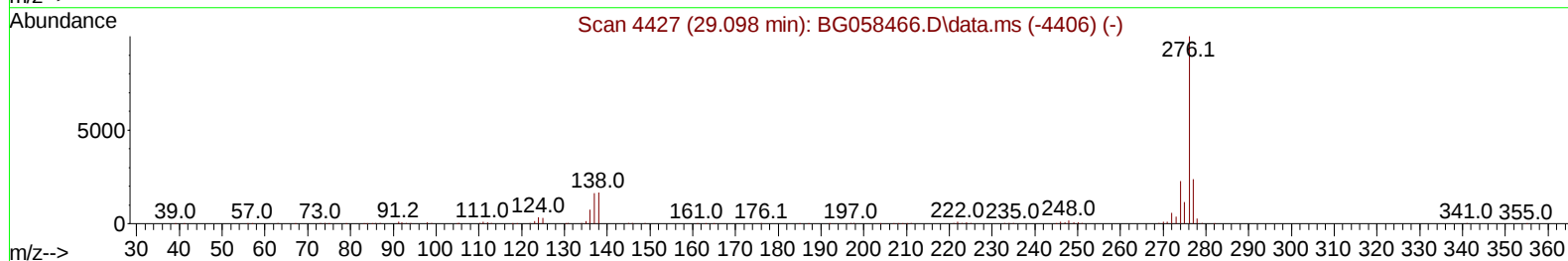
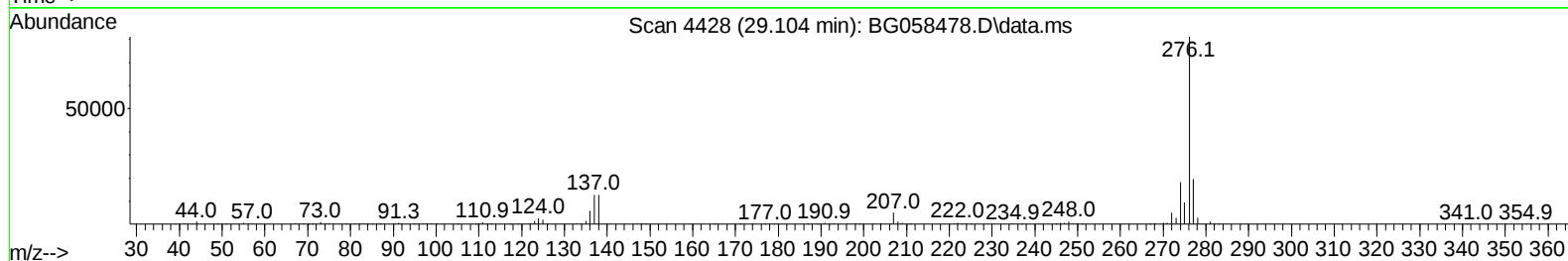
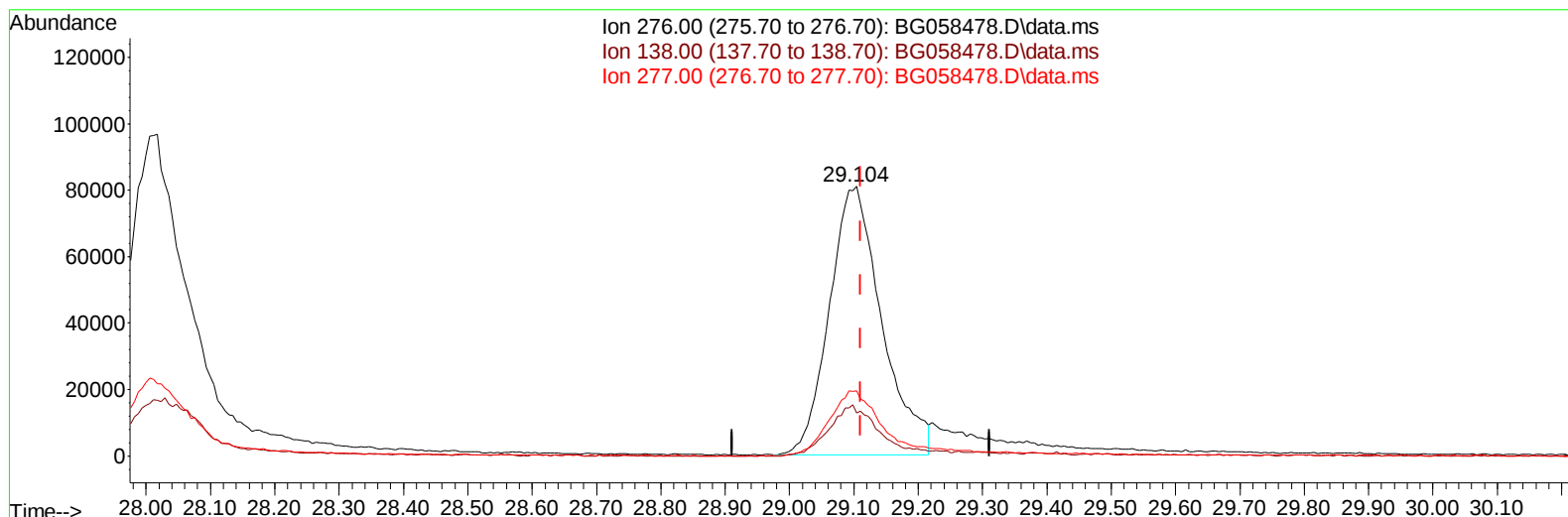
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 Supervised By :mohammad ahmed 07/27/2023



TIC: BG058478.D\data.ms

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

29.104min (-0.007) 18.63 ng/u1

response 456596

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	16.90	15.86
277.00	24.30	24.27
0.00	0.00	0.00

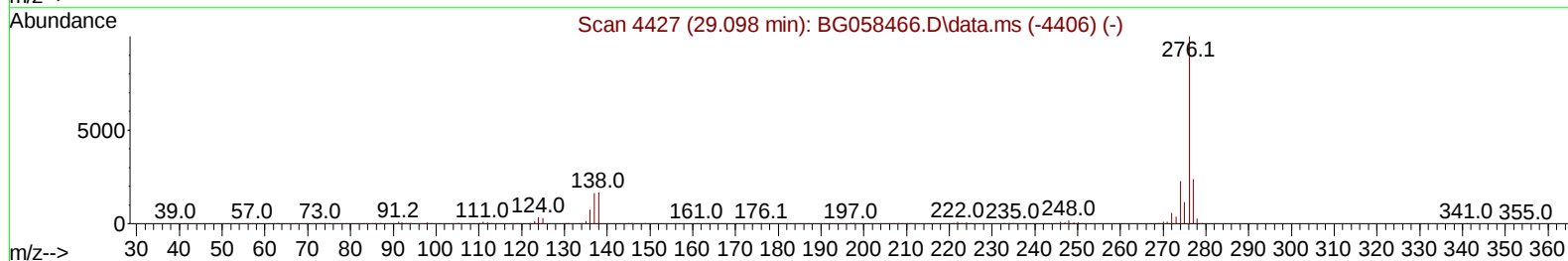
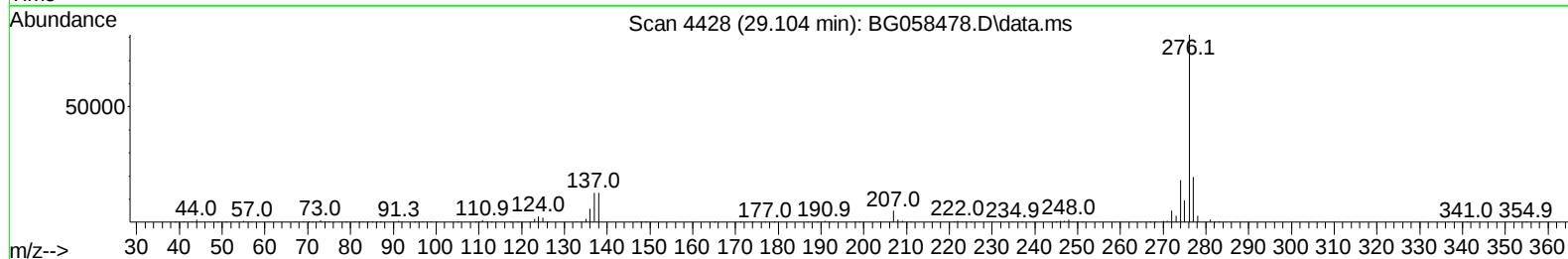
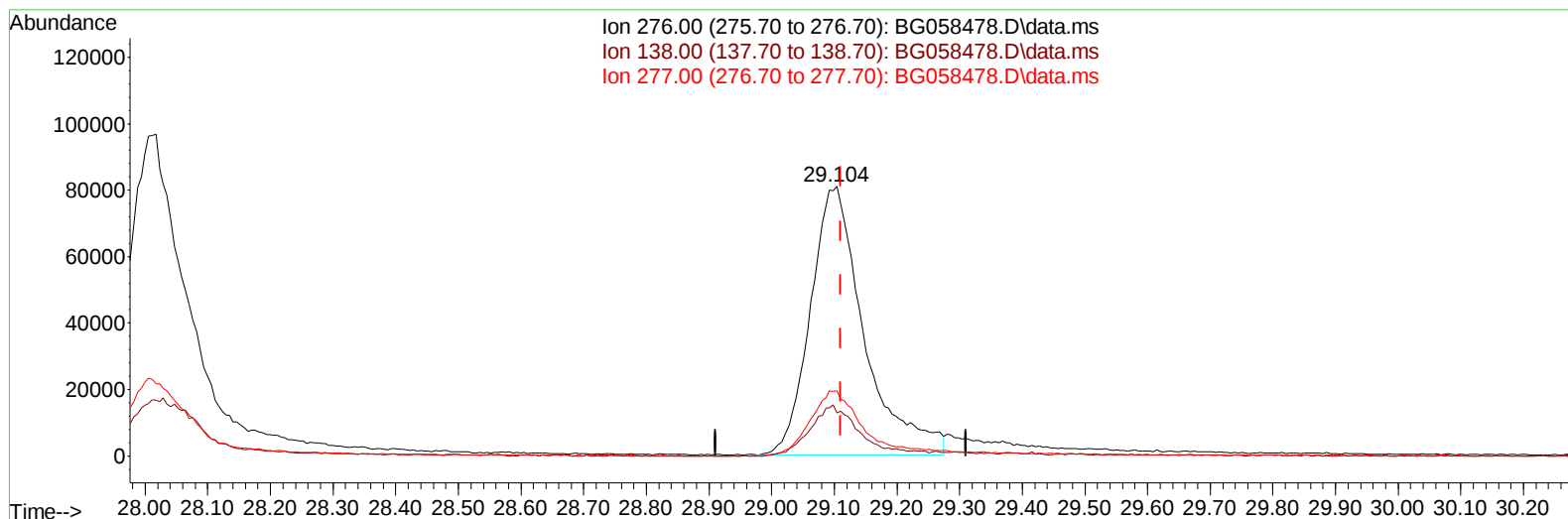
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
 Data File : BG058478.D
 Acq On : 26 Jul 2023 14:15
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: Jul 26 14:58:33 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 07/27/2023
 Supervised By :mohammad ahmed 07/27/2023



TIC: BG058478.D\data.ms

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

29.104min (-0.007) 19.73 ng/ul m

response 483622

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	16.90	15.86
277.00	24.30	24.27
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
 Data File : BG058478.D
 Acq On : 26 Jul 2023 14:15
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: Jul 26 23:23:47 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 07/27/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	59690	20.000	ng/ul	0.00
20) Naphthalene-d8	10.620	136	292270	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.462	164	207593	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.206	188	430934	20.000	ng/ul	0.00
79) Chrysene-d12	21.448	240	356245	20.000	ng/ul	0.00
88) Perylene-d12	24.515	264	443776	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	13310	8.207	ng/uL	0.00
4) Pyridine-d5	3.646	84	106363	22.096	ng/ul	0.00
7) Phenol-d5	6.983	99	130008	22.960	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.147	67	79098	22.350	ng/ul	0.00
11) 2-Chlorophenol-d4	7.347	132	90466	22.824	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	98452	22.795	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128	49864	22.761	ng/ul	0.00
24) 2-Nitrophenol-d4	9.697	143	56227	23.510	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.238	165	106221	23.168	ng/ul	0.00
31) 4-Chloroaniline-d4	10.755	131	138625	20.857	ng/ul	0.00
46) Dimethylphthalate-d6	13.869	166	334074	20.869	ng/ul	0.00
49) Acenaphthylene-d8	14.157	160	380241	22.666	ng/ul	0.00
54) 4-Nitrophenol-d4	14.674	143	35881	14.842	ng/ul	0.00
60) Fluorene-d10	15.455	176	287701	21.708	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.585	200	36841	16.780	ng/ul	0.00
73) Anthracene-d10	17.306	188	417710	22.433	ng/ul	0.00
81) Pyrene-d10	19.598	212	465863	22.141	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.304	264	465783	21.716	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.270	88	15830	8.605	ng/uL	96
5) Pyridine	3.669	79	112214	22.074	ng/ul	95
6) Benzaldehyde	6.954	77	35823m	15.665	ng/ul	
8) Phenol	7.012	94	133519	22.706	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.236	93	100578	22.327	ng/ul	98
12) 2-Chlorophenol	7.377	128	94074	22.674	ng/ul	97
13) 2-Methylphenol	8.264	108	106454	23.228	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.346	45	171481	23.229	ng/ul	98
16) Acetophenone	8.640	105	172217	23.414	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.622	70	90832	22.563	ng/ul	98
18) 4-Methylphenol	8.593	108	118848	23.862	ng/ul	100
19) Hexachloroethane	8.892	117	36707	22.445	ng/ul	94
22) Nitrobenzene	9.022	77	126845	21.712	ng/ul	99
23) Isophorone	9.539	82	274834	20.983	ng/ul	100
25) 2-Nitrophenol	9.733	139	59233	23.186	ng/ul	93
26) 2,4-Dimethylphenol	9.791	107	126540	22.215	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.026	93	152944	22.048	ng/ul	97
29) 2,4-Dichlorophenol	10.267	162	102761	23.615	ng/ul	97
30) Naphthalene	10.667	128	340928	21.823	ng/ul	99
32) 4-Chloroaniline	10.778	127	142225	20.937	ng/ul	100
33) Hexachlorobutadiene	10.949	225	71724	23.050	ng/ul	99
34) Caprolactam	11.536	113	35549m	19.669	ng/ul	
35) 4-Chloro-3-methylphenol	11.912	107	125781	22.713	ng/ul	96

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Manual IntegrationsAPPROVED

Quant Time: Jul 26 23:23:47 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 07/27/2023
 Supervised By :mohammad ahmed 07/27/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.283	142	238272	22.765	ng/ul	99
37) 1-Methylnaphthalene	12.500	142	238397	22.224	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.653	216	145318	24.182	ng/ul	99
40) Hexachlorocyclopentadiene	12.623	237	45981	14.226	ng/ul	95
41) 2,4,6-Trichlorophenol	12.894	196	95445	23.462	ng/ul	98
42) 2,4,5-Trichlorophenol	12.970	196	99074	22.839	ng/ul	97
43) 1,1'-Biphenyl	13.293	154	315640	22.486	ng/ul	98
44) 2-Chloronaphthalene	13.340	162	259822	23.280	ng/ul	98
45) 2-Nitroaniline	13.546	65	85479	22.049	ng/ul	99
47) Dimethylphthalate	13.916	163	336099	20.903	ng/ul	98
48) 2,6-Dinitrotoluene	14.039	165	72096	23.203	ng/ul	96
50) Acenaphthylene	14.186	152	406997	22.476	ng/ul	100
51) 3-Nitroaniline	14.374	138	47038	18.166	ng/ul	92
52) Acenaphthene	14.527	153	282154	22.442	ng/ul	98
53) 2,4-Dinitrophenol	14.586	184	17326	10.477	ng/ul	92
55) 4-Nitrophenol	14.686	109	25630	13.766	ng/ul	95
56) Dibenzofuran	14.862	168	392690	21.935	ng/ul	98
57) 2,4-Dinitrotoluene	14.833	165	93037	20.760	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.091	232	80689	20.133	ng/ul#	99
59) Diethylphthalate	15.279	149	335541	20.256	ng/ul	99
61) Fluorene	15.508	166	316219	21.540	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.502	204	171071	21.950	ng/ul	98
63) 4-Nitroaniline	15.532	138	29923m	12.771	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.596	198	37021	16.389	ng/ul	98
67) N-Nitrosodiphenylamine	15.720	169	257170	24.075	ng/ul	99
68) 4-Bromophenyl-phenylether	16.395	248	114783	25.147	ng/ul	95
69) Hexachlorobenzene	16.513	284	125866	24.438	ng/ul	99
70) Atrazine	16.666	200	95647	22.838	ng/ul	96
71) Pentachlorophenol	16.866	266	38367m	13.271	ng/ul	
72) Phenanthrene	17.247	178	454089	22.173	ng/ul	99
74) Anthracene	17.341	178	458218	22.288	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.258	216	150453	27.834	ng/uL	95
76) Pentachlorobenzene	14.786	250	160387	27.134	ng/uL	93
77) Carbazole	17.612	167	393901	22.103	ng/ul	100
78) Di-n-butylphthalate	18.164	149	494316	21.828	ng/ul	99
80) Fluoranthene	19.263	202	518460	21.509	ng/ul	99
82) Pyrene	19.627	202	520009	21.291	ng/ul	99
83) Butylbenzylphthalate	20.514	149	222803	23.167	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.348	252	167177	21.022	ng/ul	97
85) Benzo(a)anthracene	21.431	228	538874	22.505	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.337	149	325232	23.775	ng/ul	97
87) Chrysene	21.489	228	506579	22.304	ng/ul	99
89) Di-n-octyl phthalate	22.482	149	571073	24.186	ng/ul	100
90) Benzo(b)fluoranthene	23.540	252	570983	22.238	ng/ul	99
91) Benzo(k)fluoranthene	23.605	252	546342	21.334	ng/ul	98
93) Benzo(a)pyrene	24.374	252	498392	21.823	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.017	276	639813m	21.264	ng/ul	
95) Dibenzo(a,h)anthracene	28.064	278	535741m	21.713	ng/ul	
96) Benzo(g,h,i)perylene	29.104	276	483622m	19.727	ng/ul	

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

Instrument :
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LabSampleId :
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Manual IntegrationsAPPROVED

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