

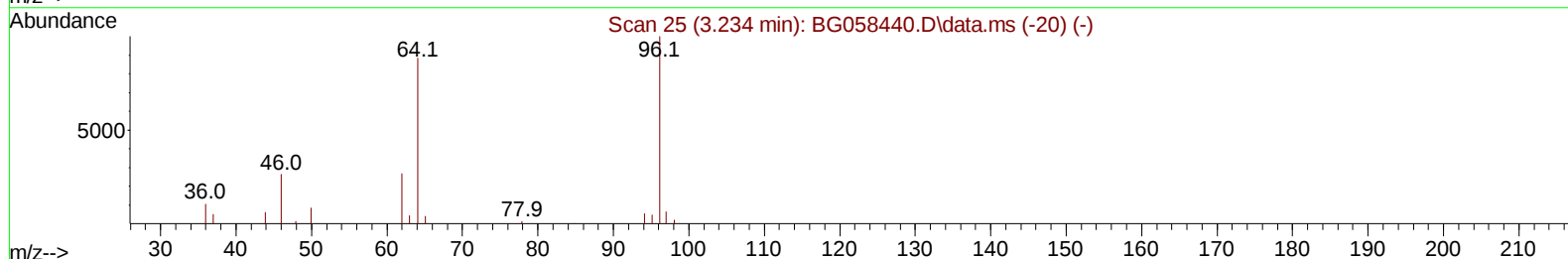
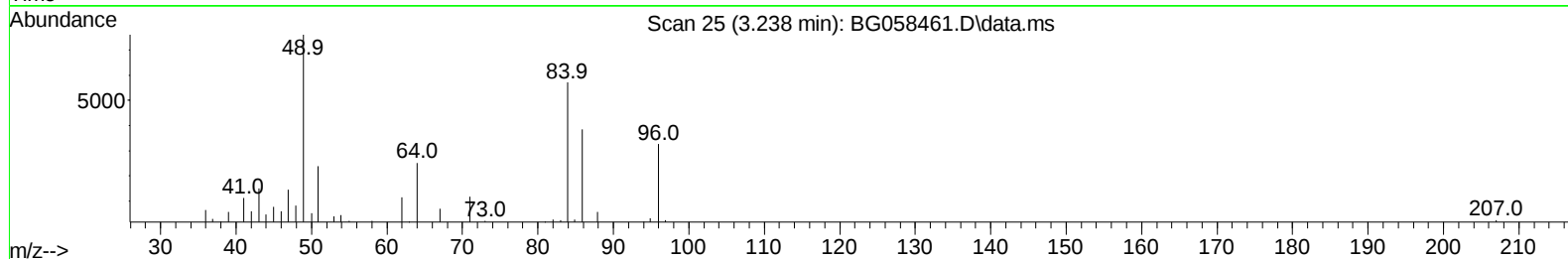
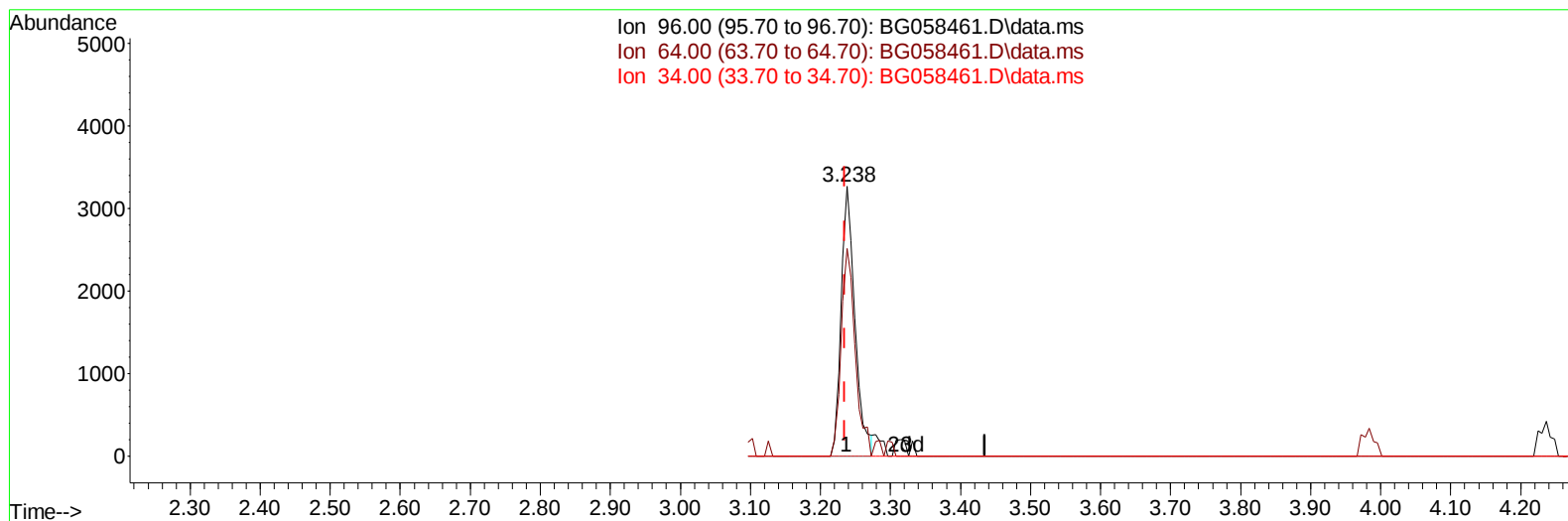
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058461.D
Acq On : 26 Jul 2023 1:12
Operator : CG/JU
Sample : 03540-08MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4738MSD

Manual IntegrationsAPPROVED

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

Quant Time: Jul 26 02:15:53 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



TIC: BG058461.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.238min (+ 0.002) 3.80 ng/uL

response 4535

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	91.80	76.97
34.00	0.00	0.00
0.00	0.00	0.00

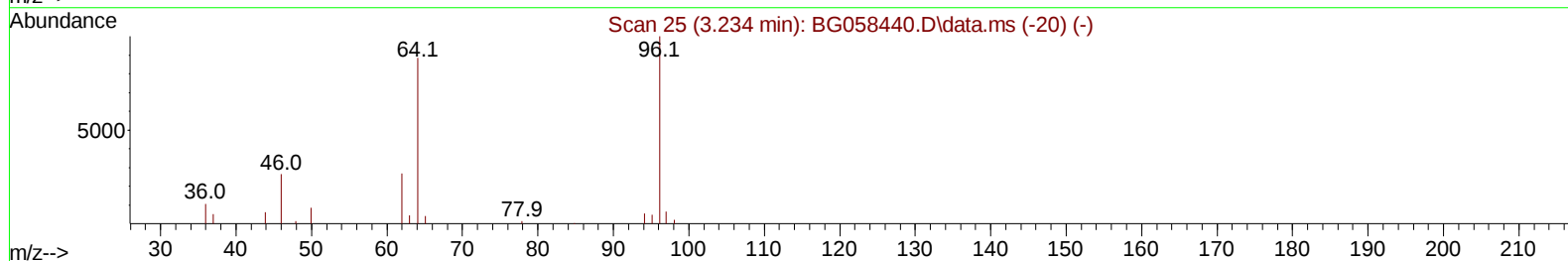
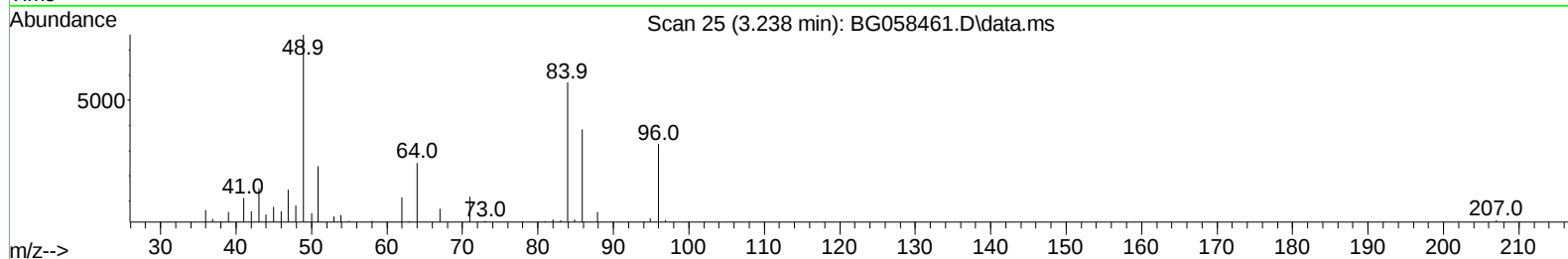
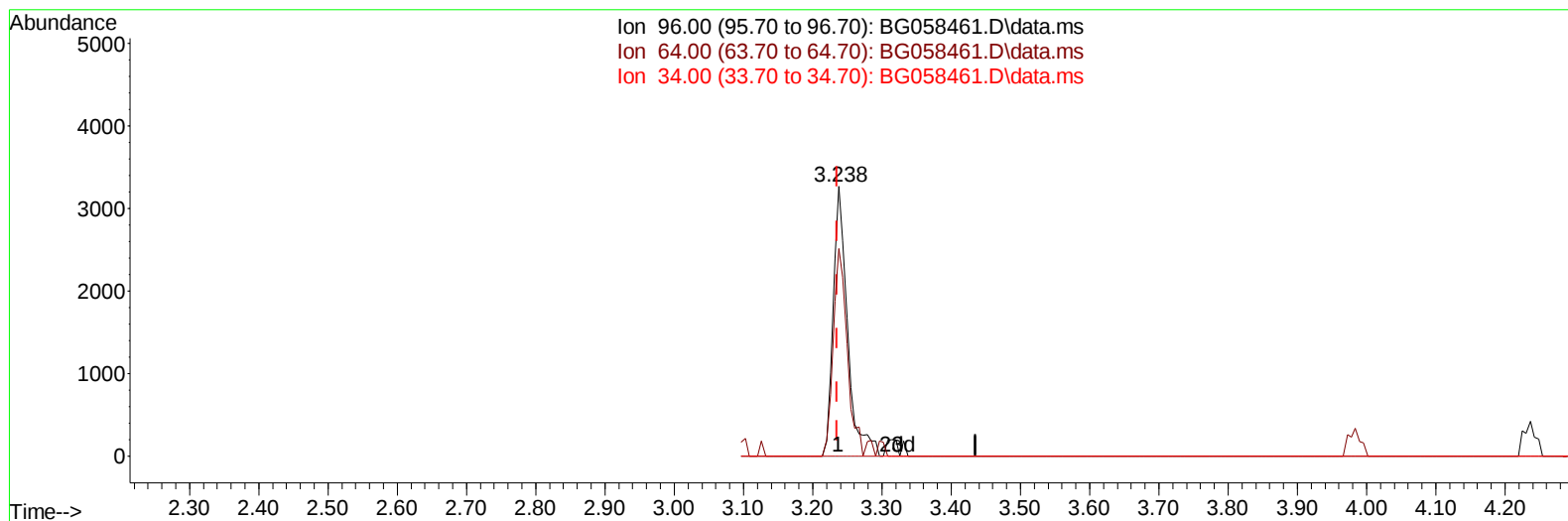
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 Supervised By :mohammad ahmed 07/26/2023



TIC: BG058461.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.238min (+ 0.002) 3.98 ng/uL m

response 4753

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	91.80	76.97
34.00	0.00	0.00
0.00	0.00	0.00

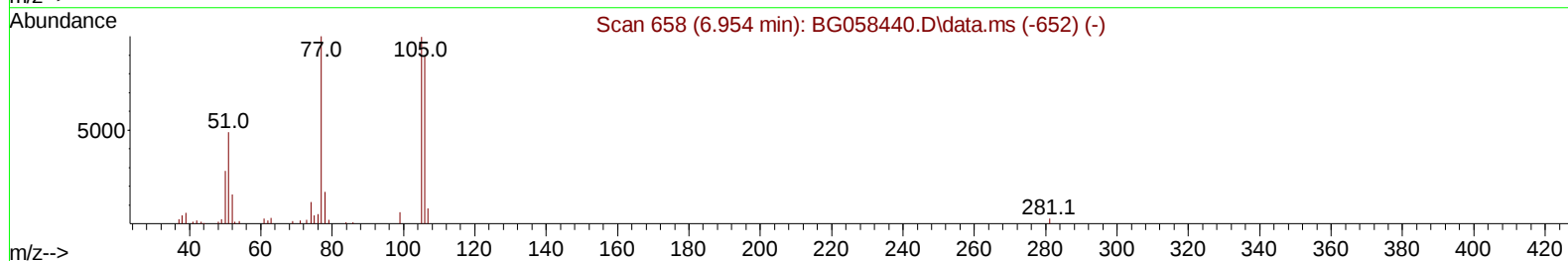
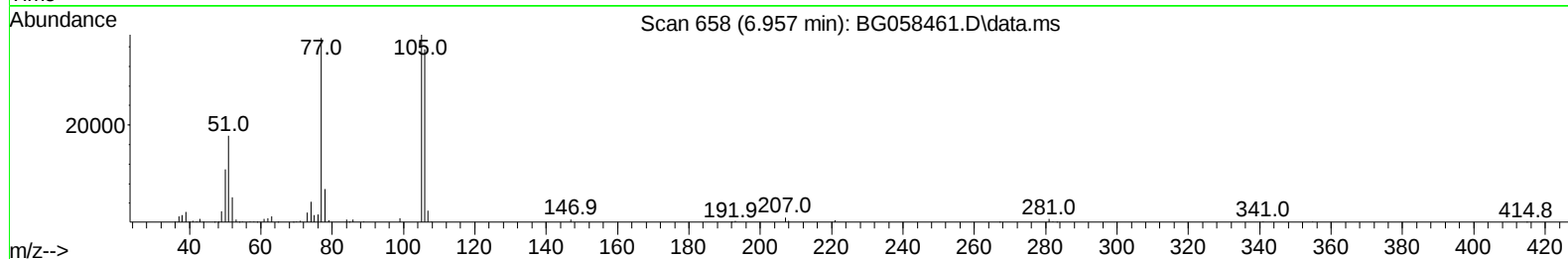
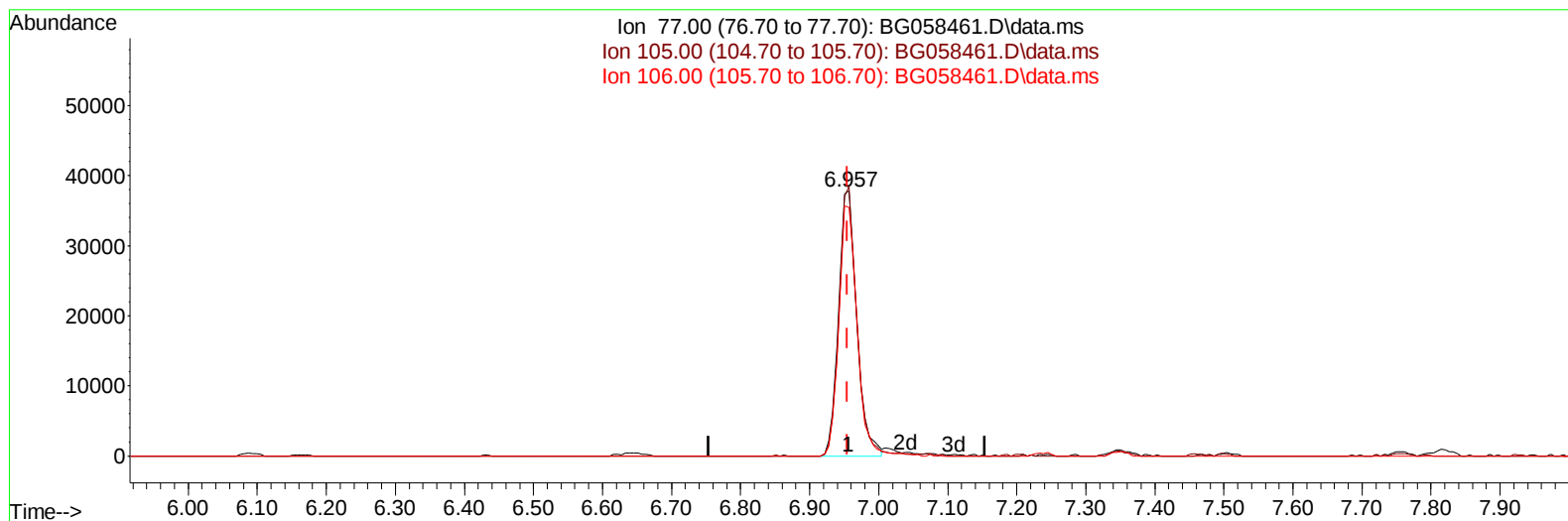
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 ALS Vial : 20 Sample Multiplier: 1

Instrument :
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 Supervised By :mohammad ahmed 07/26/2023



TIC: BG058461.D\data.ms

(6) Benzaldehyde

6.957min (+ 0.002) 41.13 ng/ul

response 69300

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	97.80	101.63
106.00	89.50	93.78
0.00	0.00	0.00

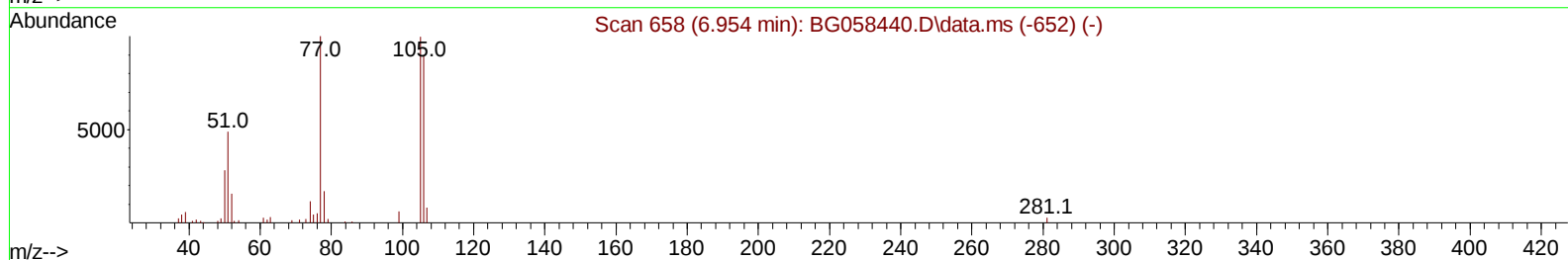
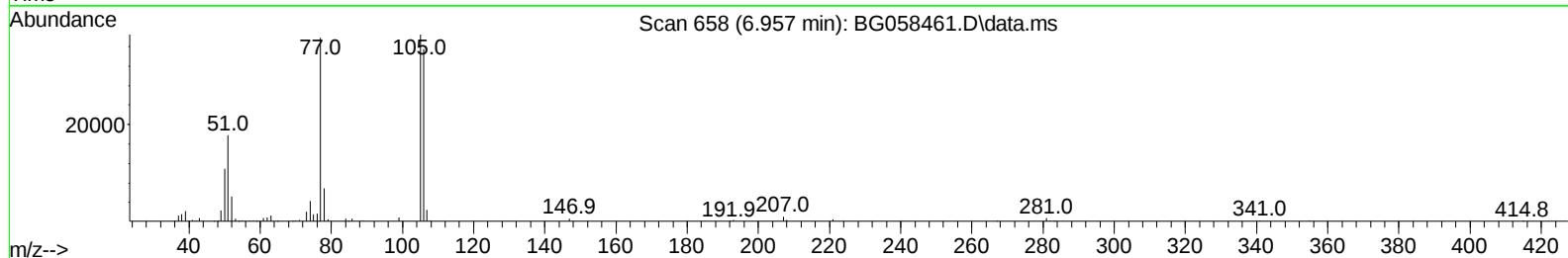
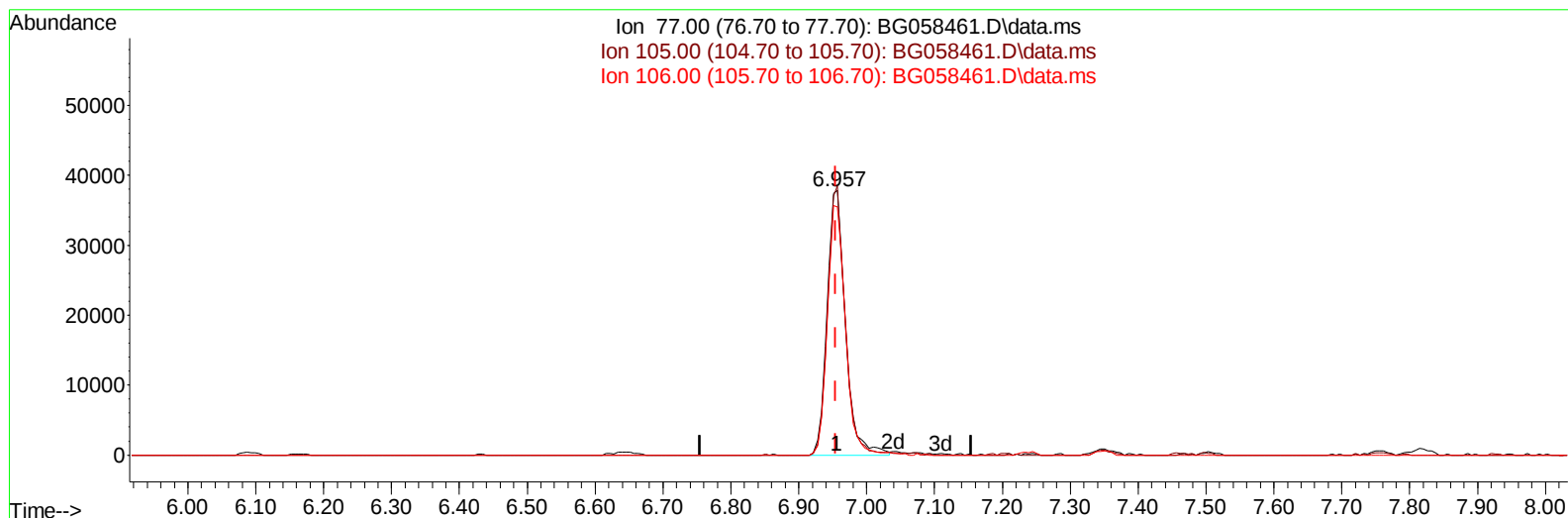
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TIC: BG058461.D\data.ms

(6) Benzaldehyde

6.957min (+ 0.002) 41.98 ng/ul m

response 70731

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	97.80	101.63
106.00	89.50	93.78
0.00	0.00	0.00

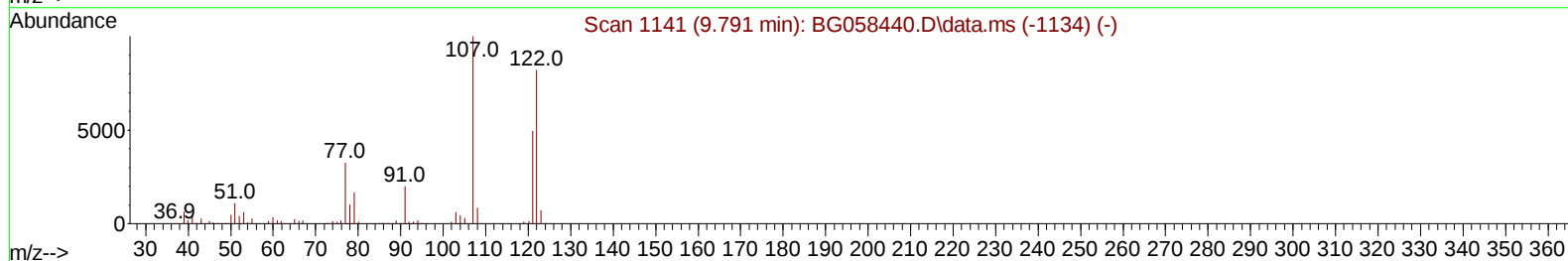
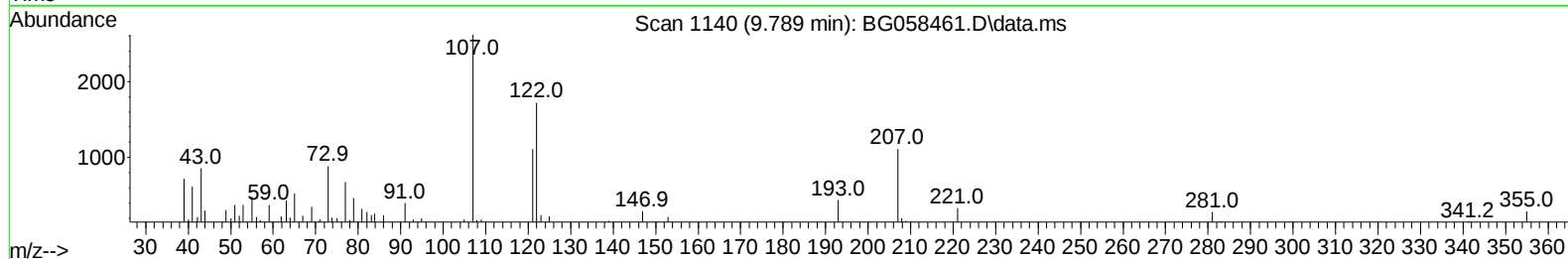
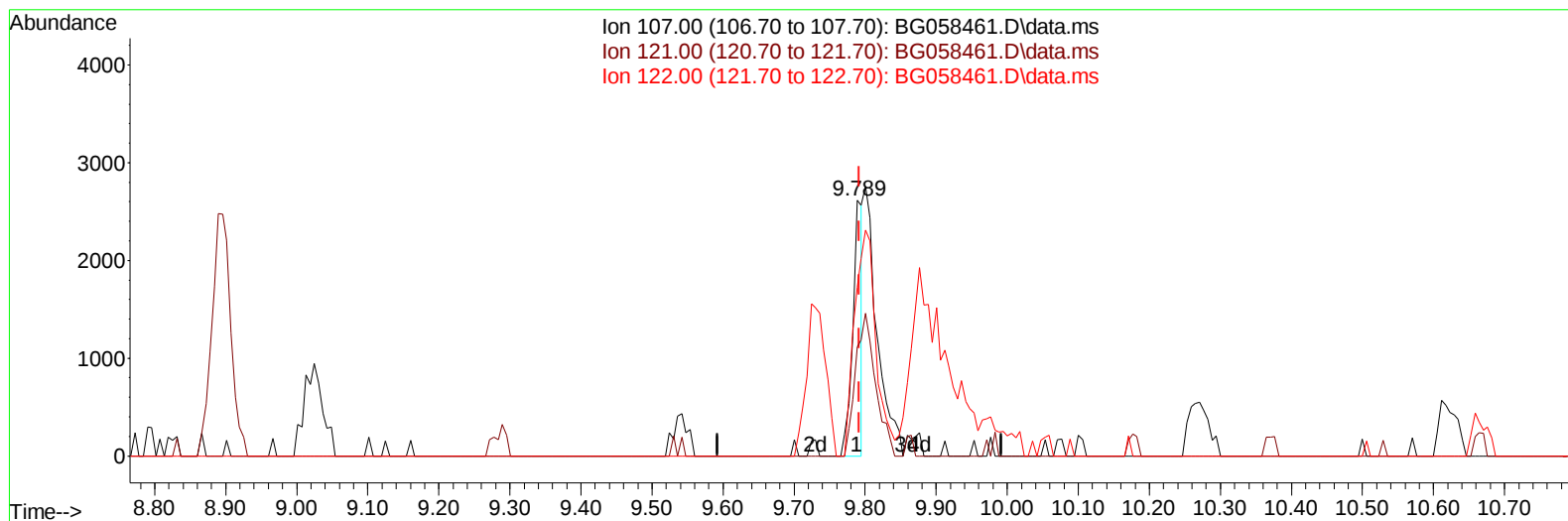
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TIC: BG058461.D\data.ms

(26) 2,4-Dimethylphenol

9.789min (-0.003) 0.69 ng/u1

response 2525

Ion	Exp%	Act%
107.00	100.00	100.00
121.00	48.90	42.52
122.00	86.10	65.93#
0.00	0.00	0.00

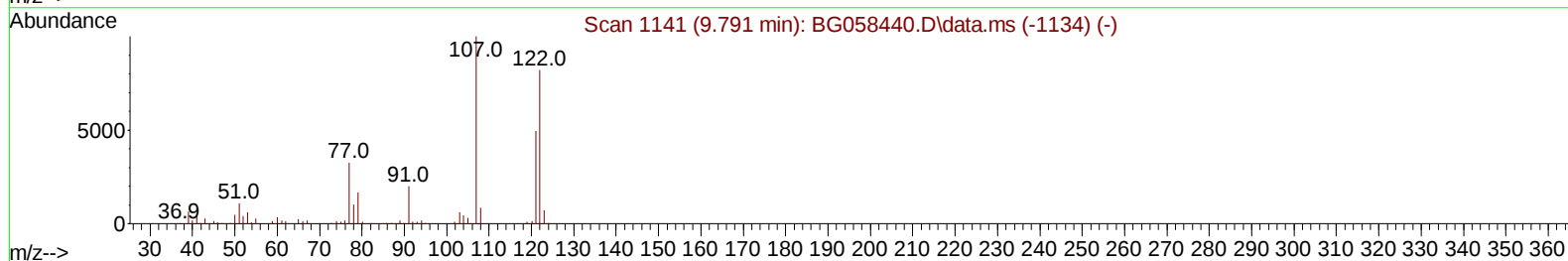
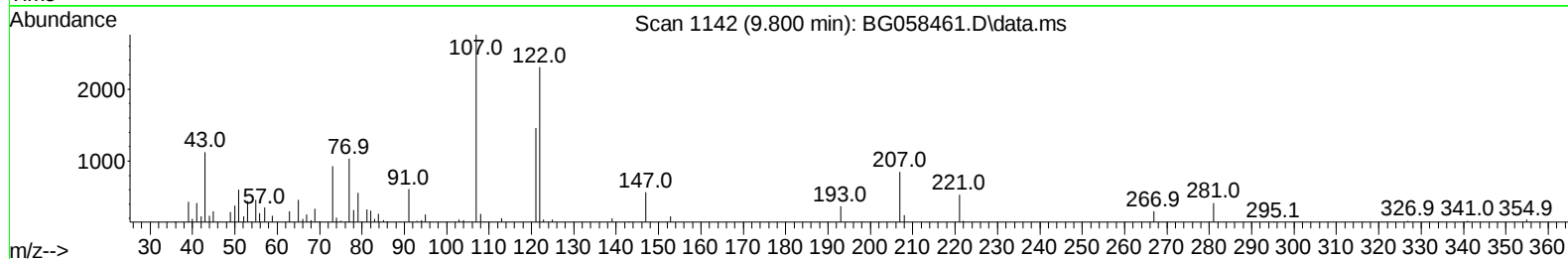
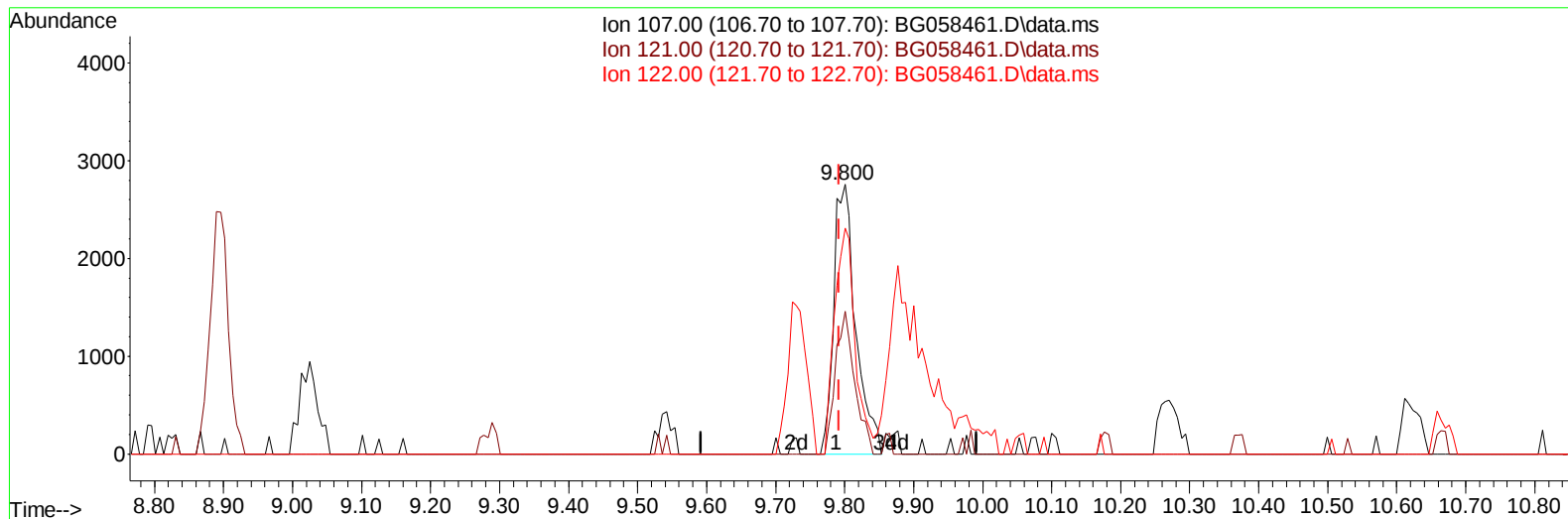
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TIC: BG058461.D\data.ms

(26) 2,4-Dimethylphenol

9.800min (+ 0.008) 1.67 ng/ul m

response 6112

Ion	Exp%	Act%
107.00	100.00	100.00
121.00	48.90	52.99
122.00	86.10	83.75
0.00	0.00	0.00

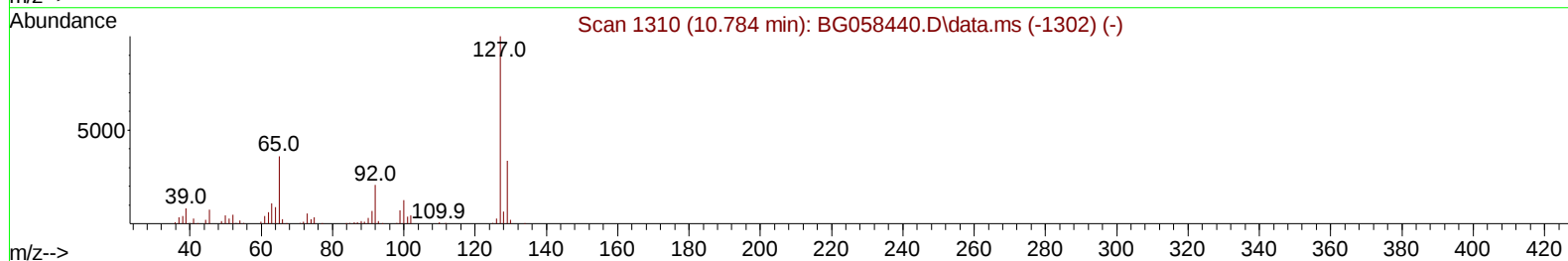
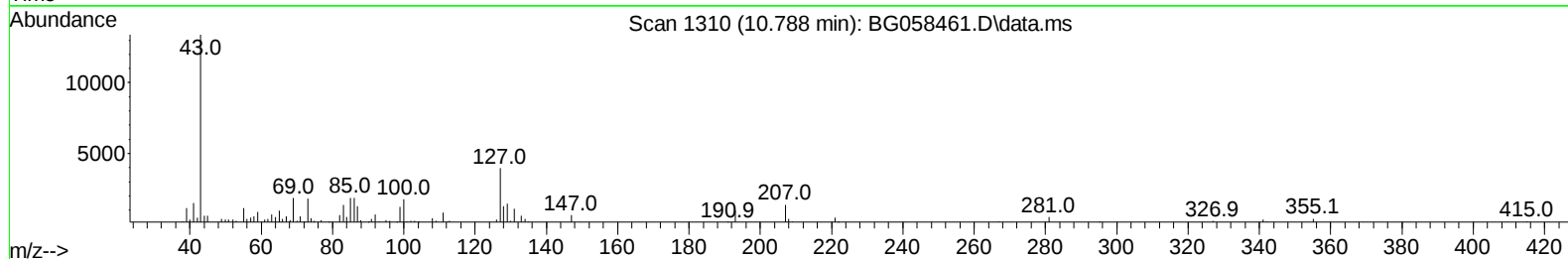
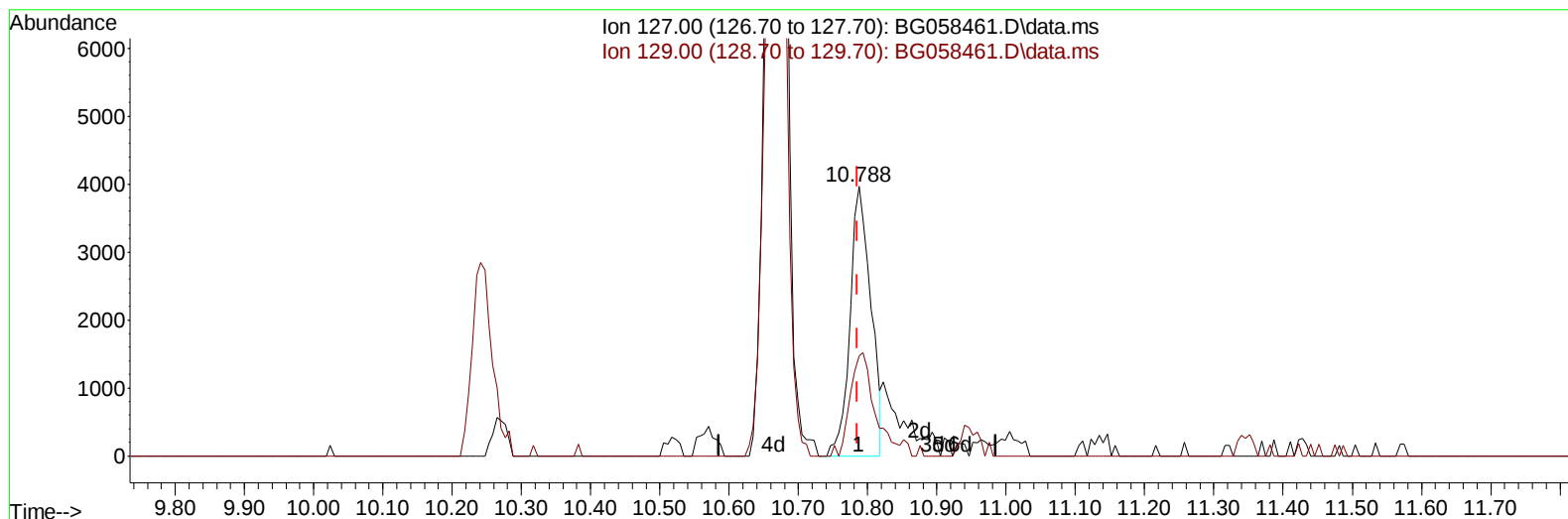
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TIC: BG058461.D\data.ms

(32) 4-Chloroaniline

10.788min (+ 0.002) 1.89 ng/ul

response 8251

Ion	Exp%	Act%
127.00	100.00	100.00
129.00	32.60	37.23
0.00	0.00	0.00
0.00	0.00	0.00

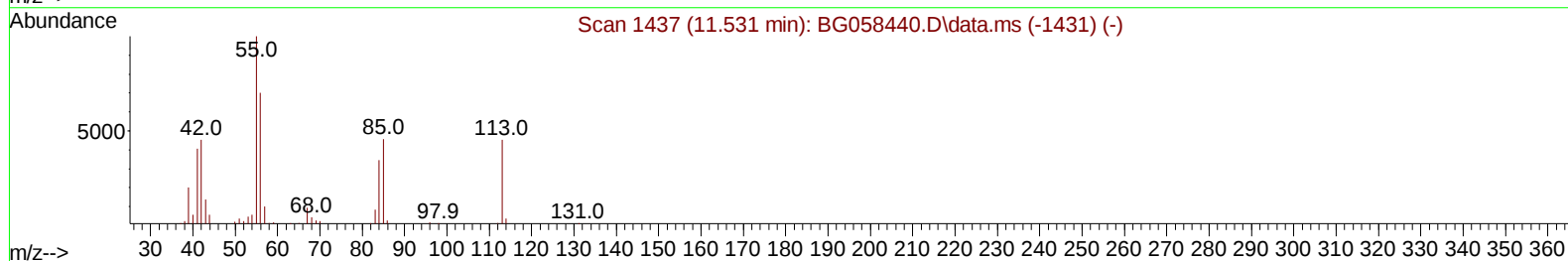
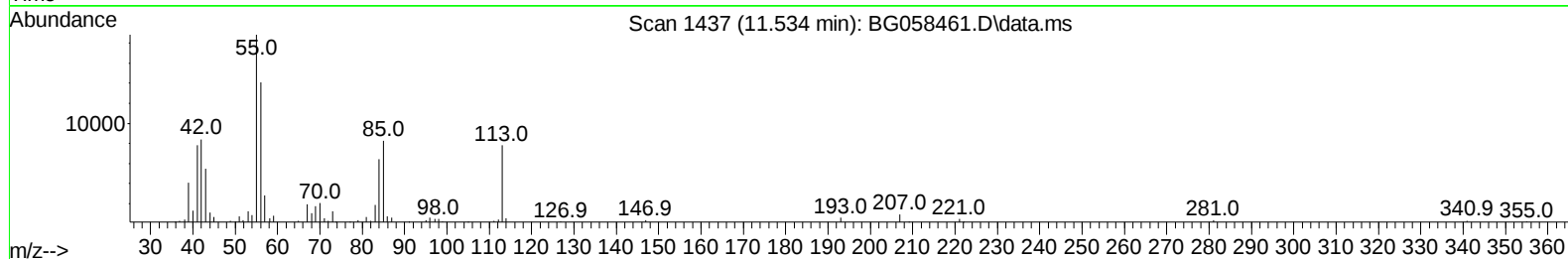
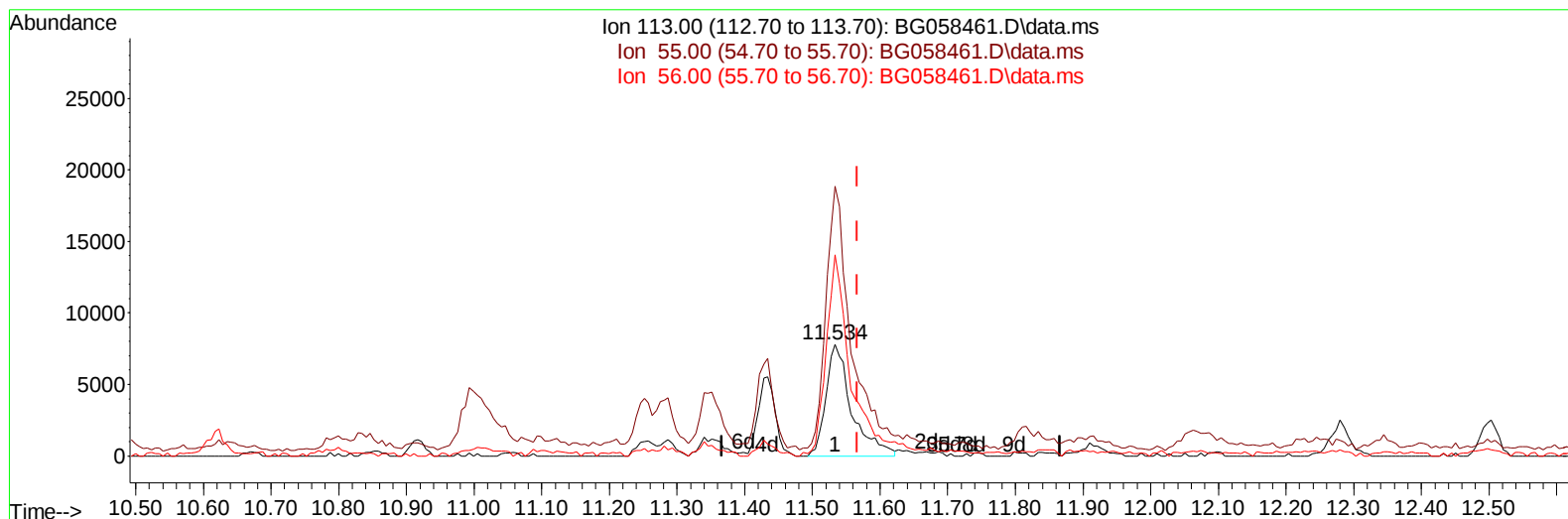
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 Supervised By :mohammad ahmed 07/26/2023



TIC: BG058461.D\data.ms

(34) Caprolactam

11.534min (-0.033) 17.77 ng/ul m

response 20615

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	224.70	241.54
56.00	165.30	180.33
0.00	0.00	0.00

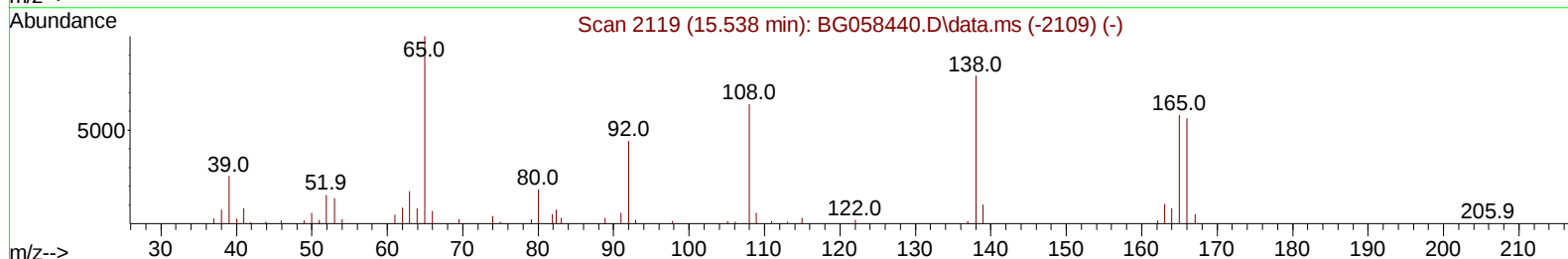
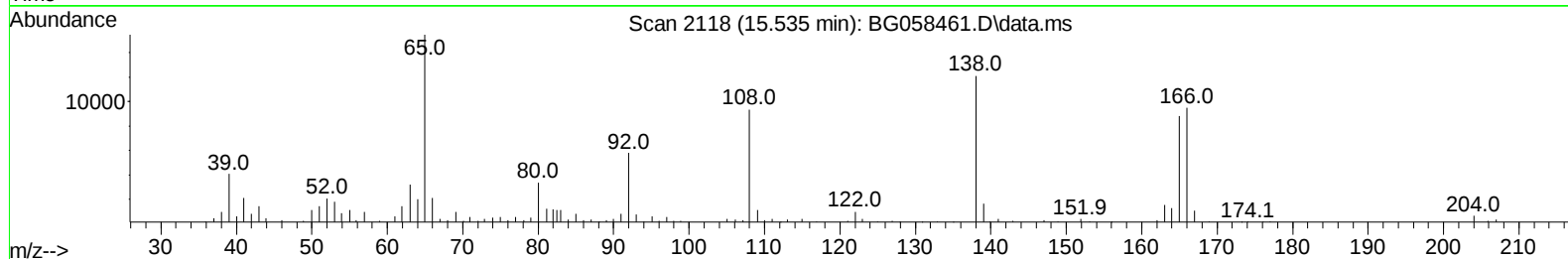
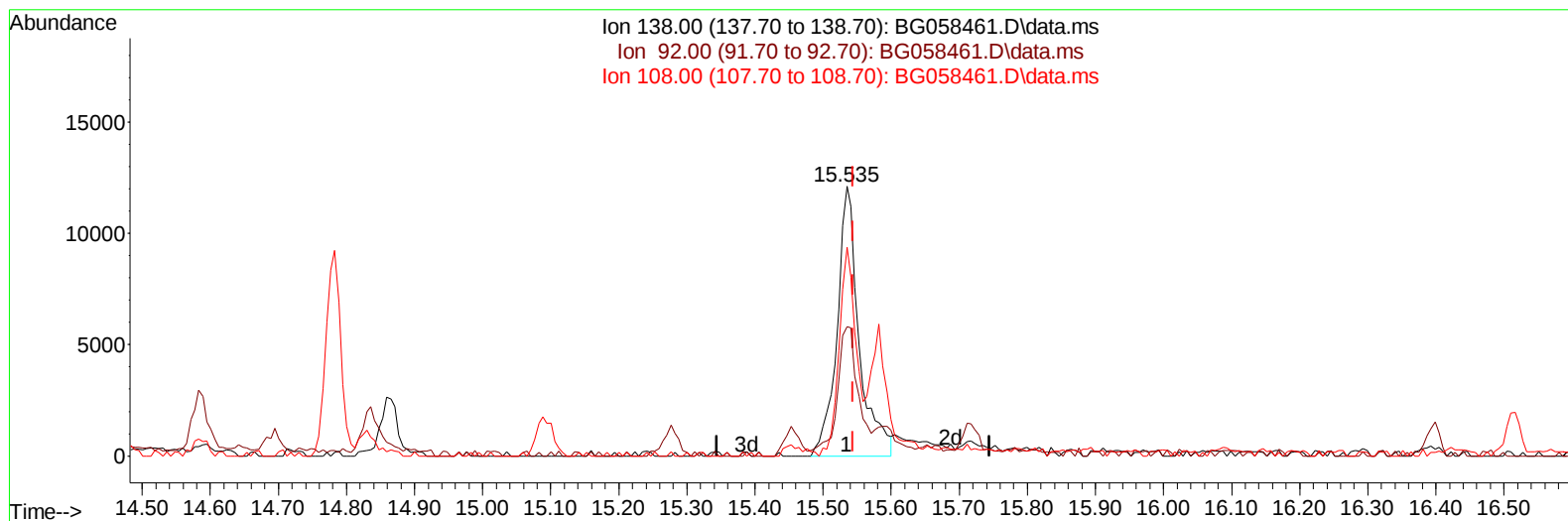
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TIC: BG058461.D\data.ms

(63) 4-Nitroaniline

15.535min (-0.009) 19.11 ng/ul

response 27315

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	56.20	47.91
108.00	76.00	77.37
0.00	0.00	0.00

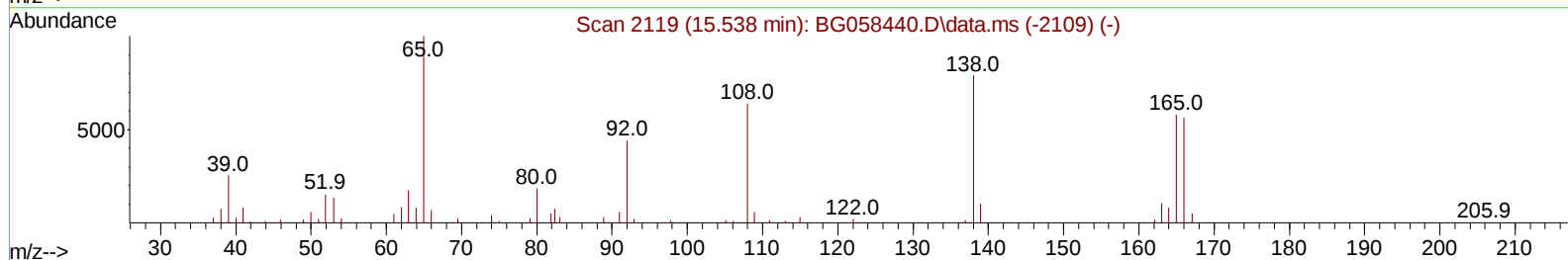
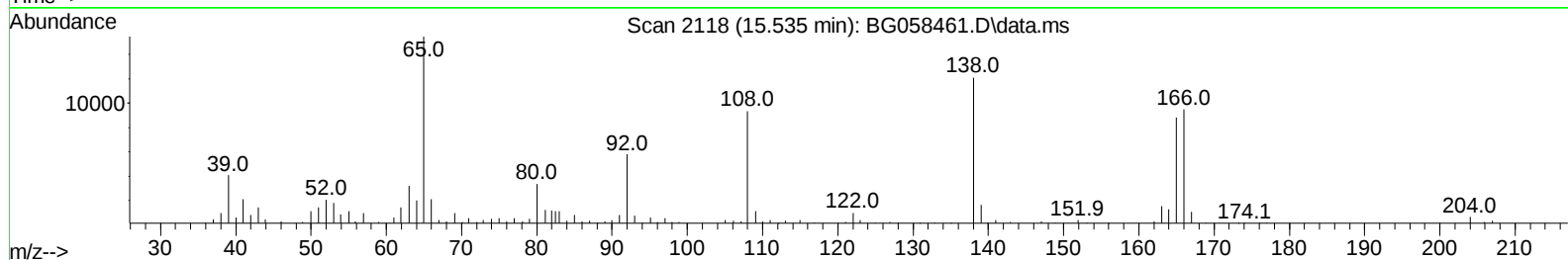
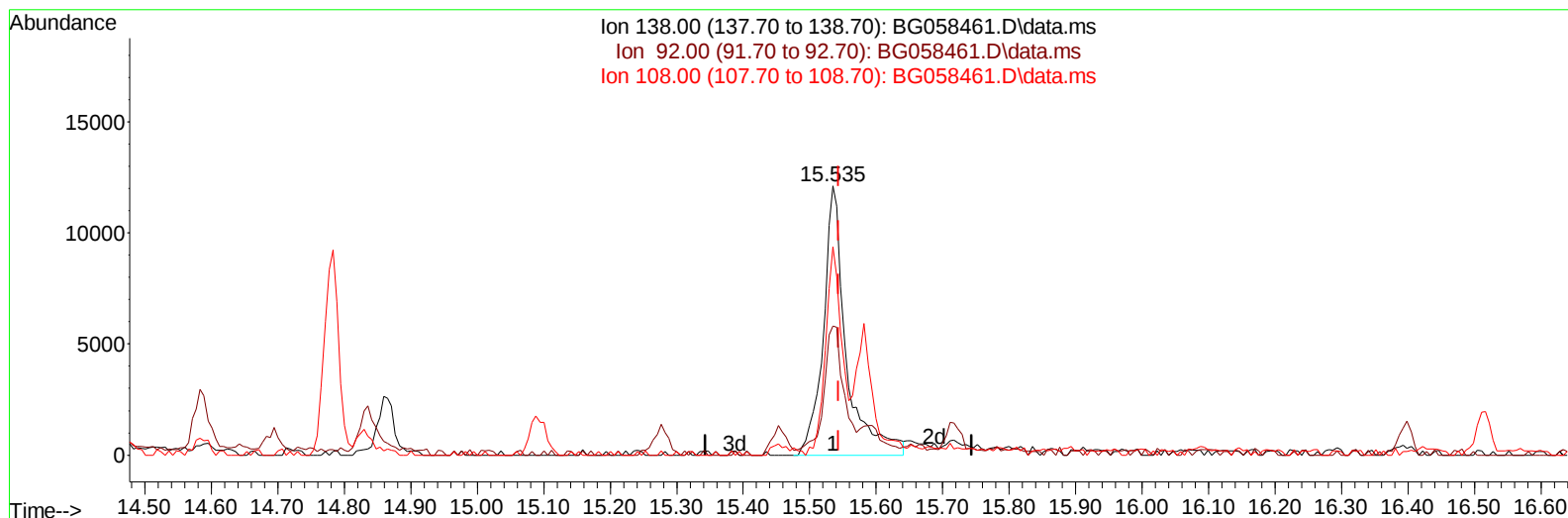
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TIC: BG058461.D\data.ms

(63) 4-Nitroaniline

15.535min (-0.009) 20.40 ng/ul m

response 29168

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	56.20	47.91
108.00	76.00	77.37
0.00	0.00	0.00

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.815	152	43975	20.000	ng/ul	0.00
20) Naphthalene-d8	10.617	136	187588	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.460	164	126671	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.209	188	310172	20.000	ng/ul	0.00
79) Chrysene-d12	21.452	240	256123	20.000	ng/ul	0.00
88) Perylene-d12	24.519	264	298839	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.238	96	4753m	3.978	ng/uL	0.00
4) Pyridine-d5	3.649	84	58495	16.495	ng/ul	0.00
7) Phenol-d5	6.986	99	78555	18.831	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.145	67	55204	21.172	ng/ul	0.00
11) 2-Chlorophenol-d4	7.345	132	61032	20.901	ng/ul	0.00
15) 4-Methylphenol-d8	8.531	113	14701	4.620	ng/ul	0.00
21) Nitrobenzene-d5	8.978	128	32235	22.925	ng/ul	0.00
24) 2-Nitrophenol-d4	9.701	143	36289	23.640	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.241	165	60963	20.717	ng/ul	0.00
31) 4-Chloroaniline-d4	10.770	131	6609	1.549	ng/ul	0.01
46) Dimethylphthalate-d6	13.866	166	218721	22.392	ng/ul	0.00
49) Acenaphthylene-d8	14.154	160	234526	22.911	ng/ul	0.00
54) 4-Nitrophenol-d4	14.677	143	32963	22.345	ng/ul	0.00
60) Fluorene-d10	15.453	176	205939	25.465	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.582	200	30015	18.993	ng/ul	0.00
73) Anthracene-d10	17.303	188	277316	20.692	ng/ul	0.00
81) Pyrene-d10	19.595	212	243274	16.082	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.307	264	121869	8.437	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.273	88	12030	8.877	ng/ul#	85
5) Pyridine	3.672	79	23934	6.391	ng/ul#	92
6) Benzaldehyde	6.957	77	70731m	41.984	ng/ul	
8) Phenol	7.016	94	94700	21.860	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.239	93	75651	22.795	ng/ul	100
12) 2-Chlorophenol	7.380	128	67956	22.232	ng/ul	99
13) 2-Methylphenol	8.267	108	14688	4.350	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.338	45	126301	23.223	ng/ul	97
16) Acetophenone	8.637	105	148372	27.380	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.620	70	67062	22.612	ng/ul	99
18) 4-Methylphenol	8.596	108	35145	9.578	ng/ul	98
19) Hexachloroethane	8.896	117	13717	11.385	ng/ul	87
22) Nitrobenzene	9.019	77	88862	23.699	ng/ul	98
23) Isophorone	9.536	82	179556	21.359	ng/ul	100
25) 2-Nitrophenol	9.730	139	40777	24.869	ng/ul	91
26) 2,4-Dimethylphenol	9.800	107	6112m	1.672	ng/ul	
27) Bis(2-Chloroethoxy)met...	10.024	93	103772	23.308	ng/ul	99
29) 2,4-Dichlorophenol	10.271	162	62205	22.272	ng/ul	97
30) Naphthalene	10.664	128	247672	24.701	ng/ul	100
32) 4-Chloroaniline	10.788	127	10140m	2.326	ng/ul	
33) Hexachlorobutadiene	10.946	225	52186	26.131	ng/ul	97
34) Caprolactam	11.534	113	20615m	17.771	ng/ul	
35) 4-Chloro-3-methylphenol	11.916	107	52701	14.827	ng/ul	96

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 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)
36) 2-Methylnaphthalene	12.280	142	166513	24.787	ng/ul	99
37) 1-Methylnaphthalene	12.503	142	166958	24.250	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.650	216	85469	23.308	ng/ul	99
40) Hexachlorocyclopentadiene	12.627	237	21826	11.067	ng/ul	98
41) 2,4,6-Trichlorophenol	12.897	196	54875	22.107	ng/ul	99
42) 2,4,5-Trichlorophenol	12.973	196	67861	25.637	ng/ul	96
43) 1,1'-Biphenyl	13.296	154	224732	26.237	ng/ul	98
44) 2-Chloronaphthalene	13.338	162	177899	26.122	ng/ul	96
45) 2-Nitroaniline	13.543	65	58812	24.862	ng/ul	98
47) Dimethylphthalate	13.913	163	308921	31.486	ng/ul	99
48) 2,6-Dinitrotoluene	14.043	165	51800	27.321	ng/ul	92
50) Acenaphthylene	14.184	152	267067	24.170	ng/ul	99
51) 3-Nitroaniline	14.372	138	22958	14.530	ng/ul	93
52) Acenaphthene	14.524	153	202205	26.357	ng/ul	98
53) 2,4-Dinitrophenol	14.589	184	16087	15.943	ng/ul	94
55) 4-Nitrophenol	14.689	109	26636	23.445	ng/ul	98
56) Dibenzofuran	14.859	168	295131	27.018	ng/ul	99
57) 2,4-Dinitrotoluene	14.830	165	74410	27.211	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.088	232	59837	24.468	ng/ul#	92
59) Diethylphthalate	15.276	149	255486	25.276	ng/ul	99
61) Fluorene	15.511	166	247277	27.604	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.506	204	127088	26.724	ng/ul	95
63) 4-Nitroaniline	15.535	138	29168m	20.402	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.594	198	35045	21.555	ng/ul#	96
67) N-Nitrosodiphenylamine	15.717	169	154769	20.130	ng/ul	99
68) 4-Bromophenyl-phenylether	16.399	248	87846	26.739	ng/ul	96
69) Hexachlorobenzene	16.516	284	48657	13.125	ng/ul	98
70) Atrazine	16.669	200	74474	24.706	ng/ul	94
71) Pentachlorophenol	16.863	266	39222	18.849	ng/ul	98
72) Phenanthrene	17.251	178	463711	31.459	ng/ul	98
74) Anthracene	17.339	178	339412	22.937	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.261	216	77690	19.969	ng/uL	99
76) Pentachlorobenzene	14.783	250	76052	17.876	ng/uL	96
77) Carbazole	17.609	167	217792	16.979	ng/ul	100
78) Di-n-butylphthalate	18.167	149	487451	29.906	ng/ul	99
80) Fluoranthene	19.266	202	589392	34.010	ng/ul	99
82) Pyrene	19.624	202	306429	17.451	ng/ul	98
83) Butylbenzylphthalate	20.511	149	216876	31.366	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.352	252	13090	2.289	ng/ul#	97
85) Benzo(a)anthracene	21.428	228	525619	30.532	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.334	149	440357	44.775	ng/ul	99
87) Chrysene	21.493	228	481601	29.493	ng/ul	98
89) Di-n-octyl phthalate	22.486	149	563492	35.439	ng/ul	100
90) Benzo(b)fluoranthene	23.543	252	525767	30.408	ng/ul	99
91) Benzo(k)fluoranthene	23.608	252	512928	29.744	ng/ul	98
93) Benzo(a)pyrene	24.366	252	111017	7.219	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.014	276	312861	15.441	ng/ul	96
95) Dibenzo(a,h)anthracene	28.061	278	507259	30.530	ng/ul	97
96) Benzo(g,h,i)perylene	29.096	276	11055m	0.670	ng/ul	

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

Instrument :

BNA_G

ClientSampleId :

A4738MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/26/2023

Supervised By :mohammad ahmed 07/26/2023

