

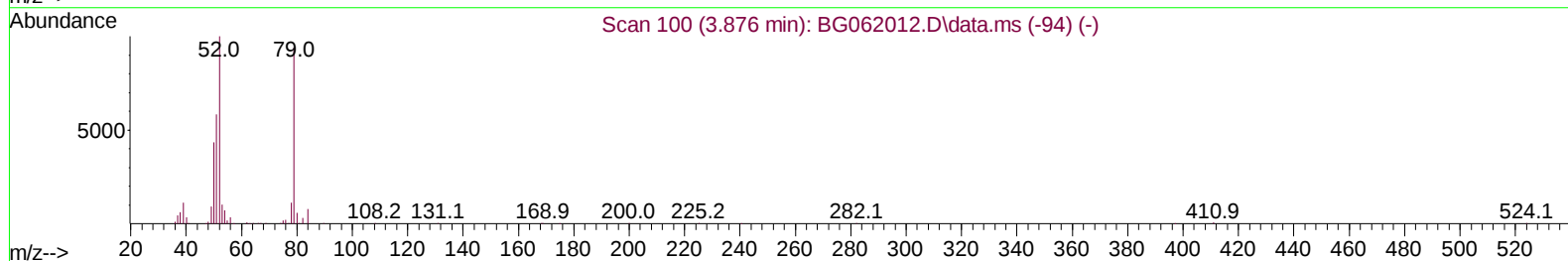
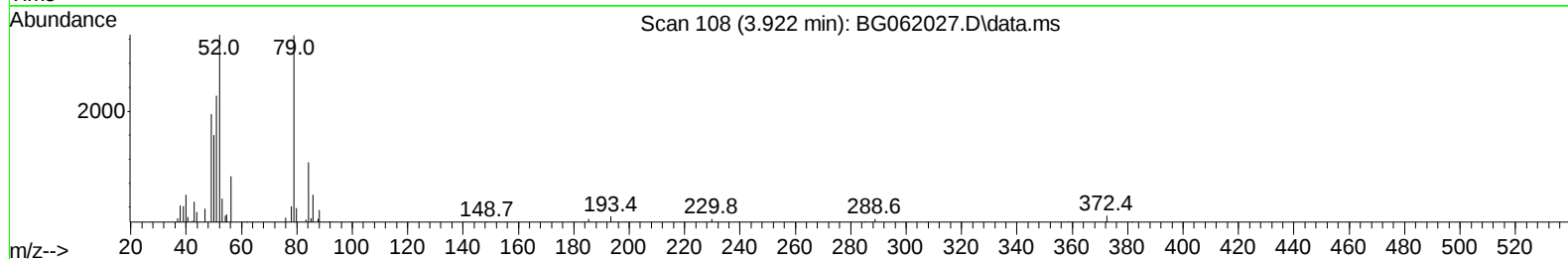
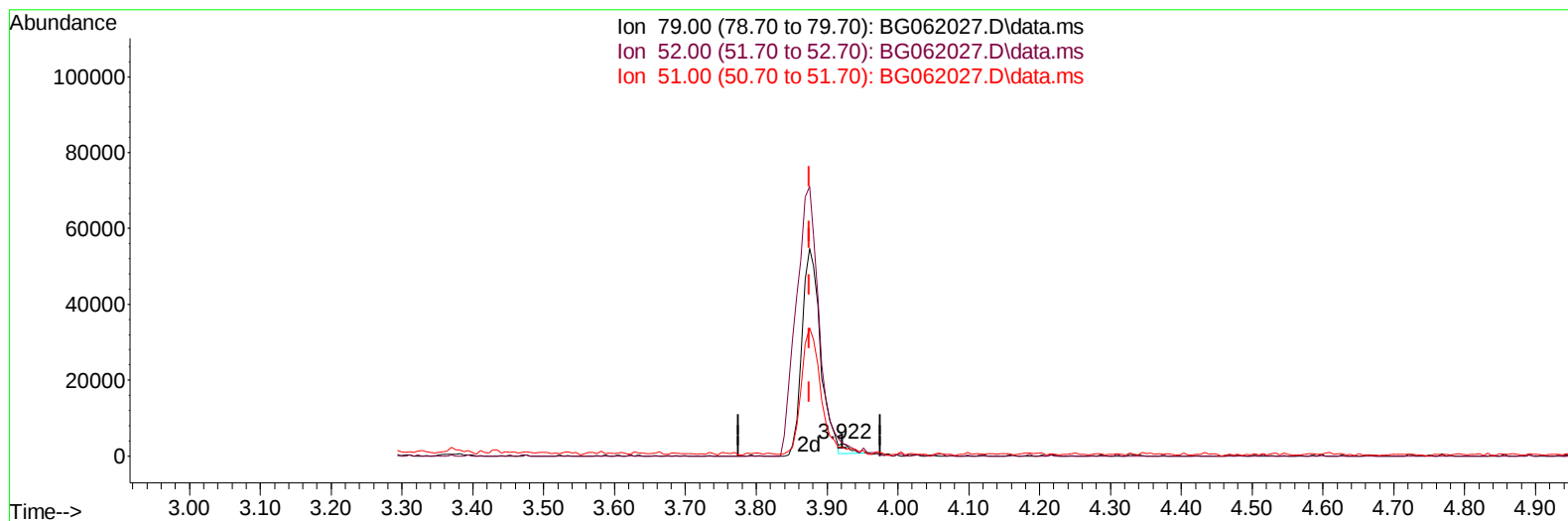
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062027.D
Acq On : 12 Jul 2024 2:37
Operator : MA/JU
Sample : PB161926BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS926

Manual IntegrationsAPPROVED

Quant Time: Jul 12 03:58:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024



TIC: BG062027.D\data.ms

(5) Pyridine

3.922min (+ 0.047) 0.49 ng/u1

response 2361

Ion	Exp%	Act%
79.00	100.00	100.00
52.00	107.50	100.21
51.00	58.00	69.20
0.00	0.00	0.00

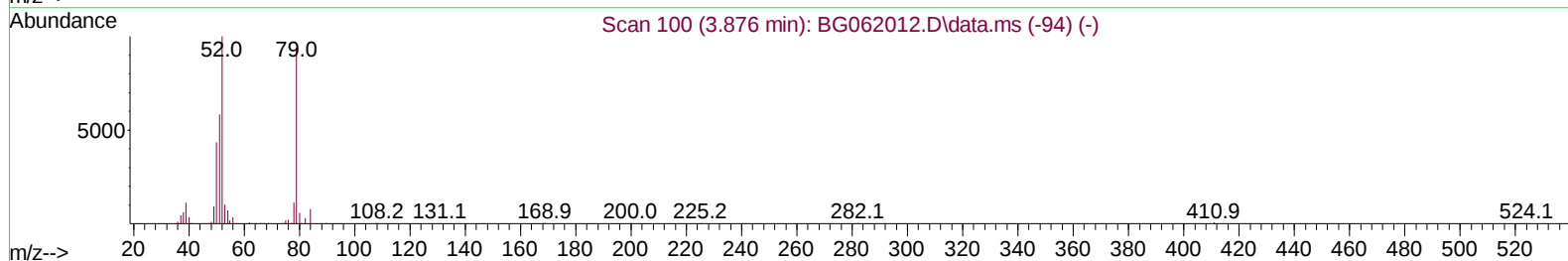
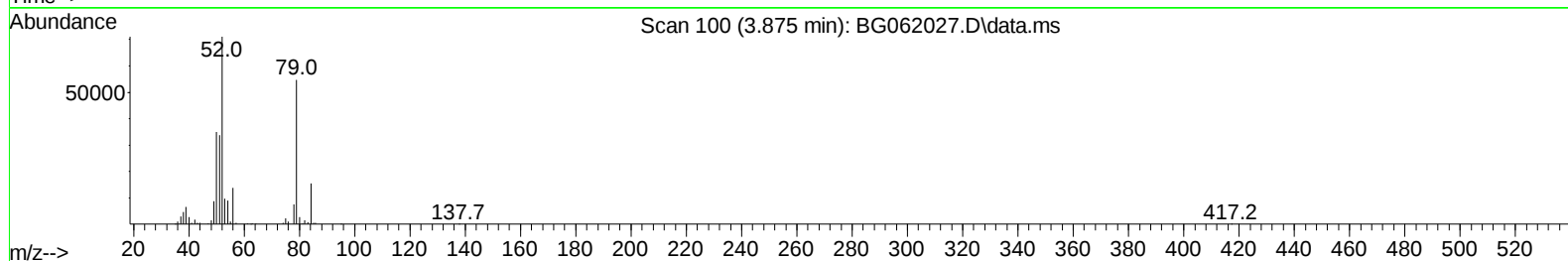
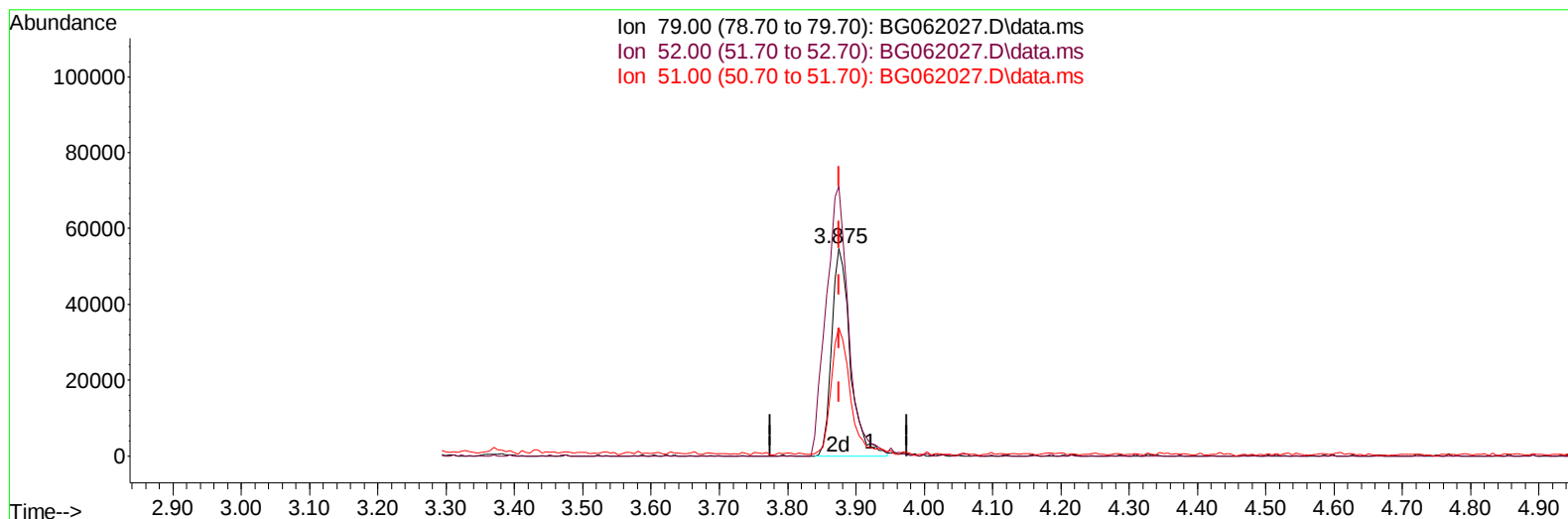
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TIC: BG062027.D\data.ms

(5) Pyridine

3.875min (-0.000) 21.45 ng/u1 m

response 103160

Ion	Exp%	Act%
79.00	100.00	100.00
52.00	107.50	129.79#
51.00	58.00	61.83
0.00	0.00	0.00

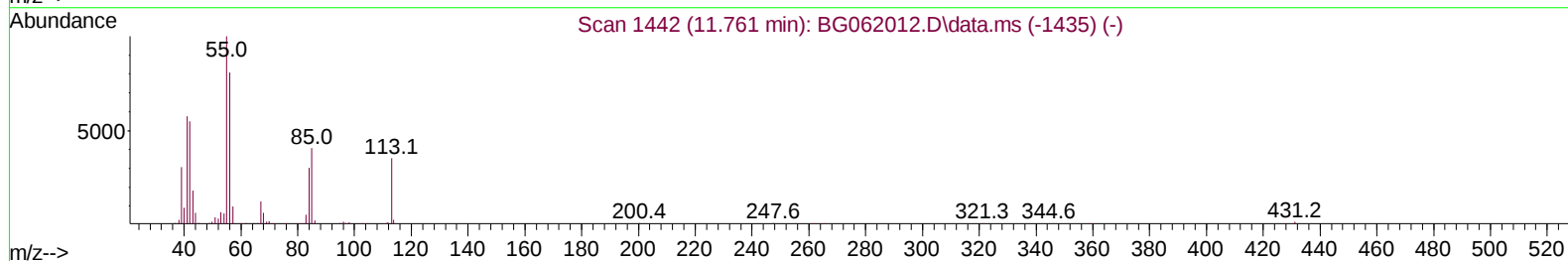
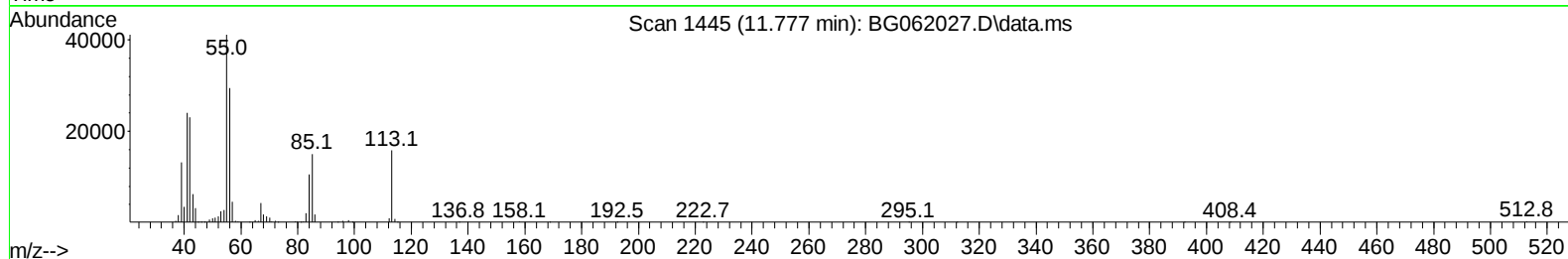
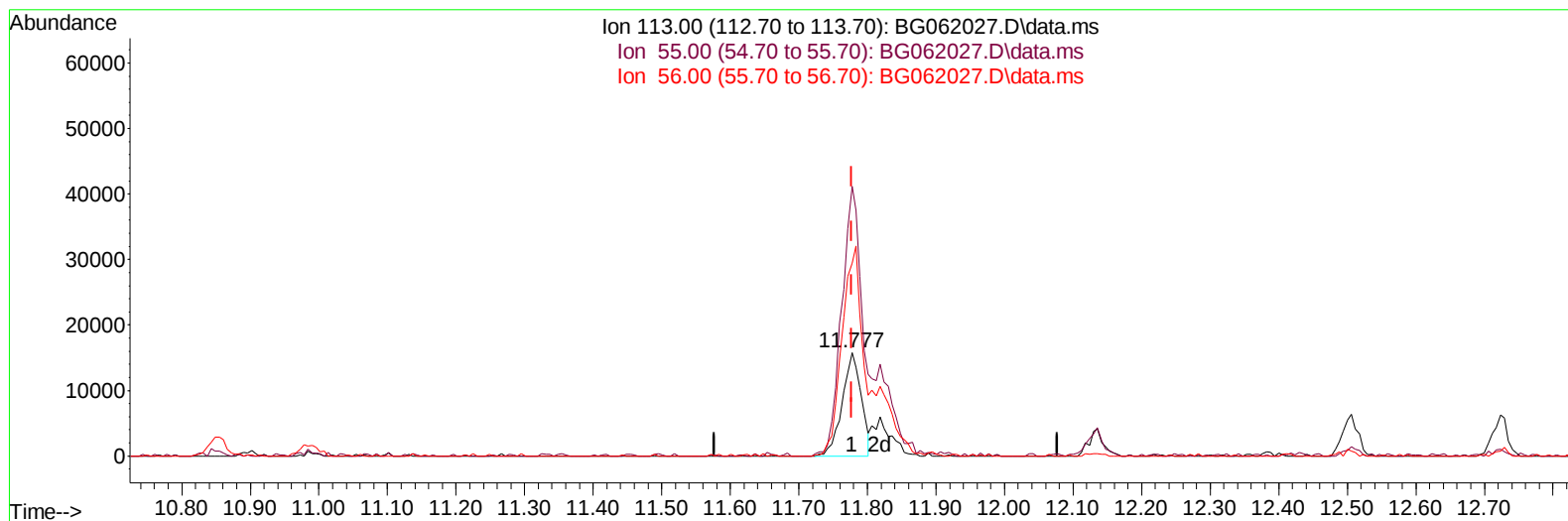
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Data File : BG062027.D
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Sample : PB161926BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 12 04:03:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
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TIC: BG062027.D\data.ms

(34) Caprolactam

11.777min (-0.000) 18.37 ng/ul

response 30096

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.70	260.36
56.00	168.80	186.50
0.00	0.00	0.00

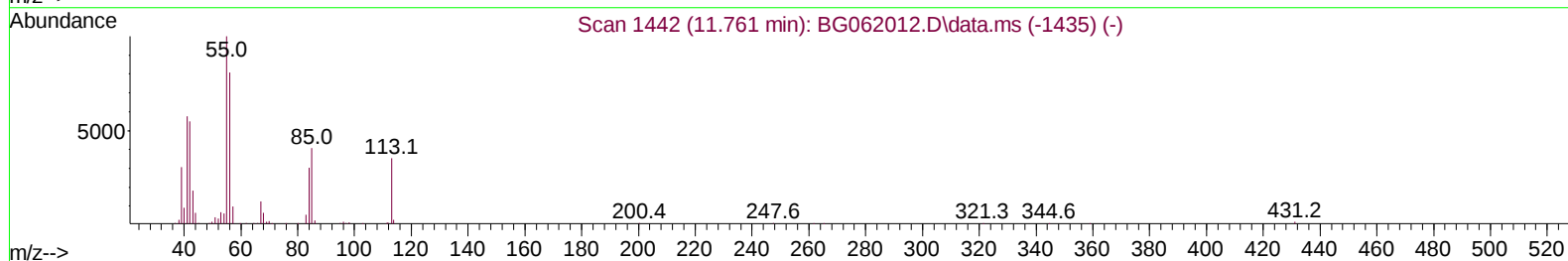
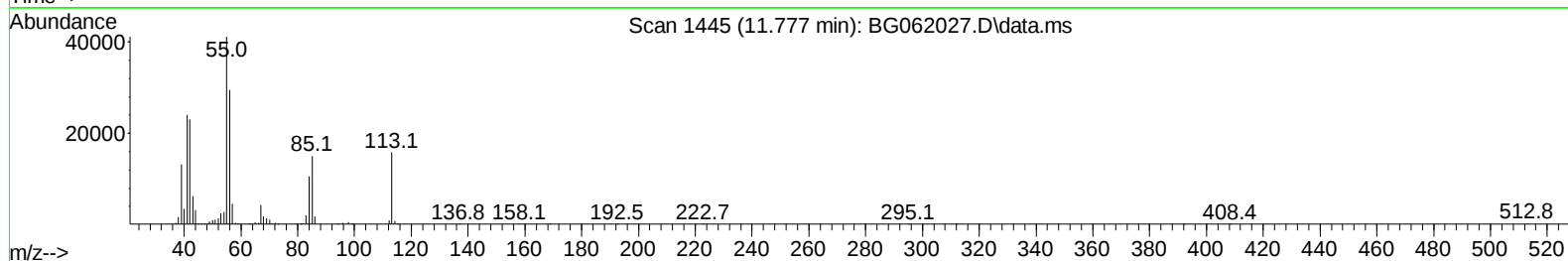
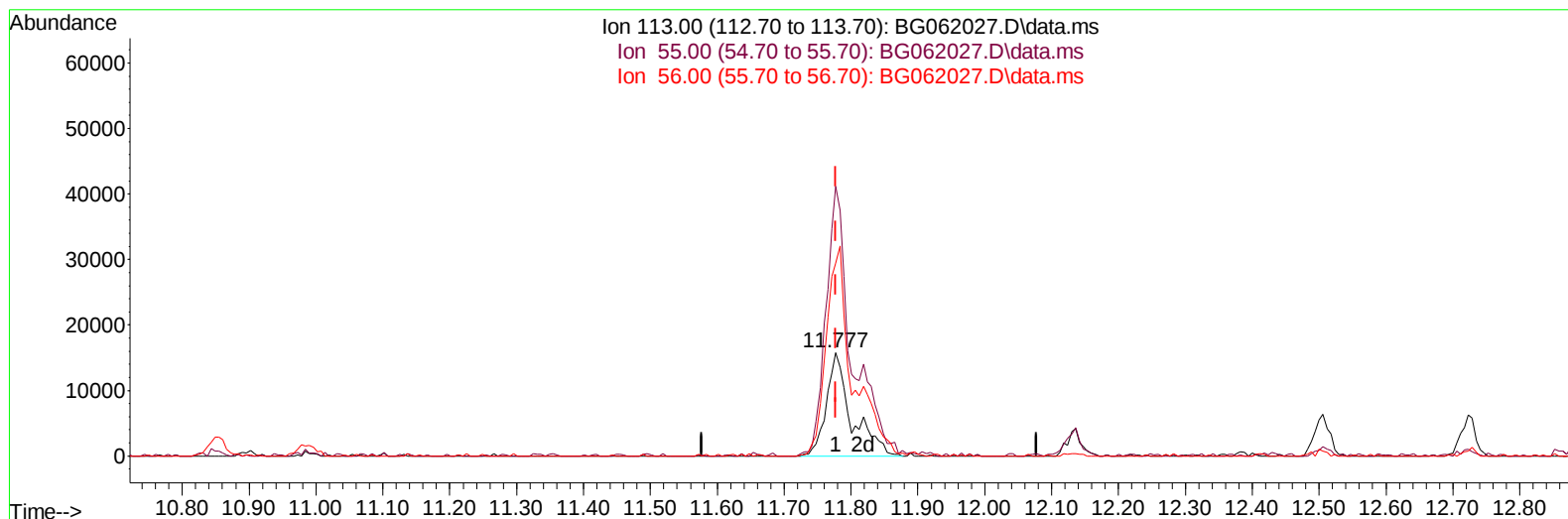
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TIC: BG062027.D\data.ms

(34) Caprolactam

11.777min (-0.000) 24.92 ng/ul m

response 40826

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.70	260.36
56.00	168.80	186.50
0.00	0.00	0.00

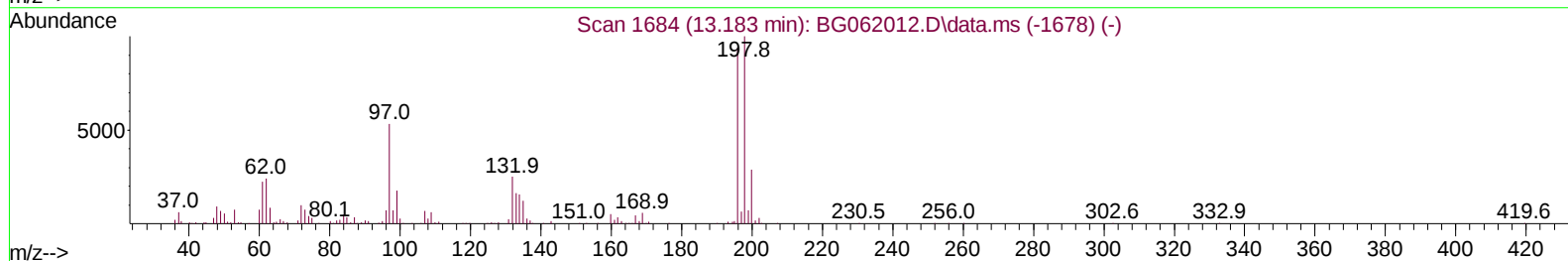
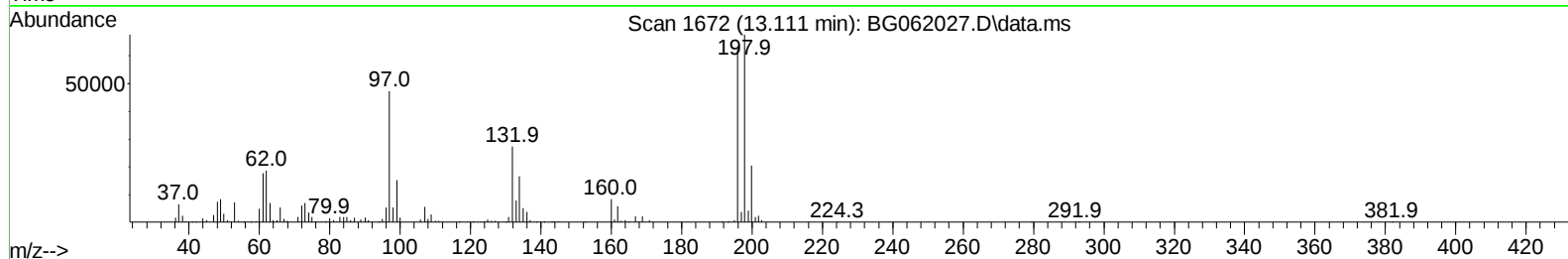
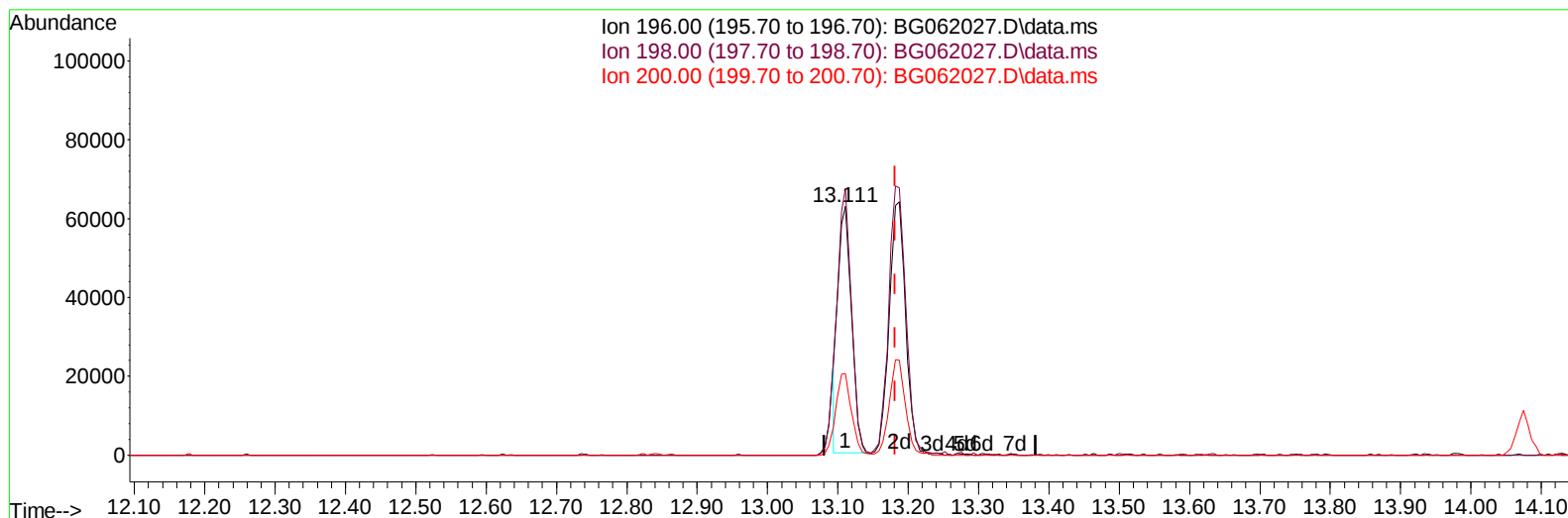
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TIC: BG062027.D\data.ms

(42) 2,4,5-Trichlorophenol

13.111min (-0.071) 19.73 ng/u1

response 82417

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	90.60	107.12
200.00	29.60	32.67
0.00	0.00	0.00

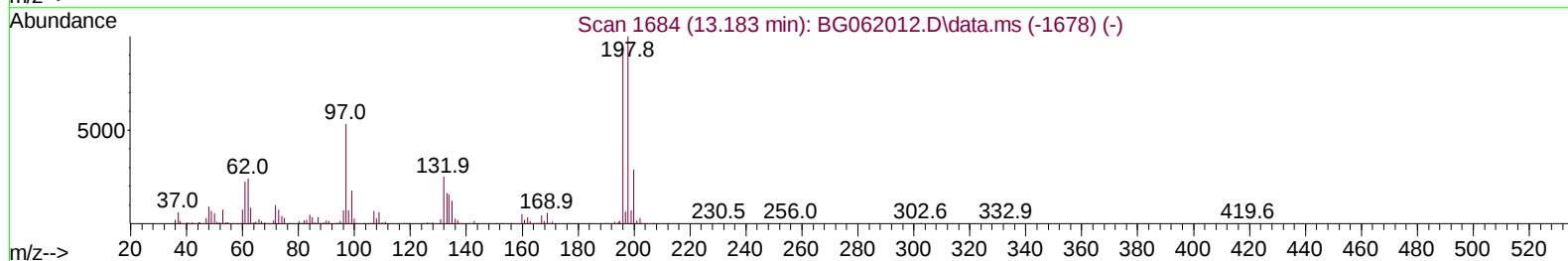
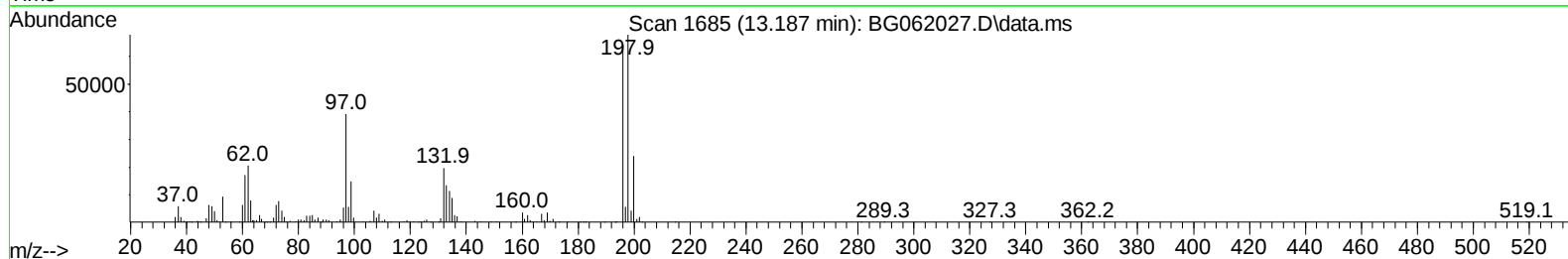
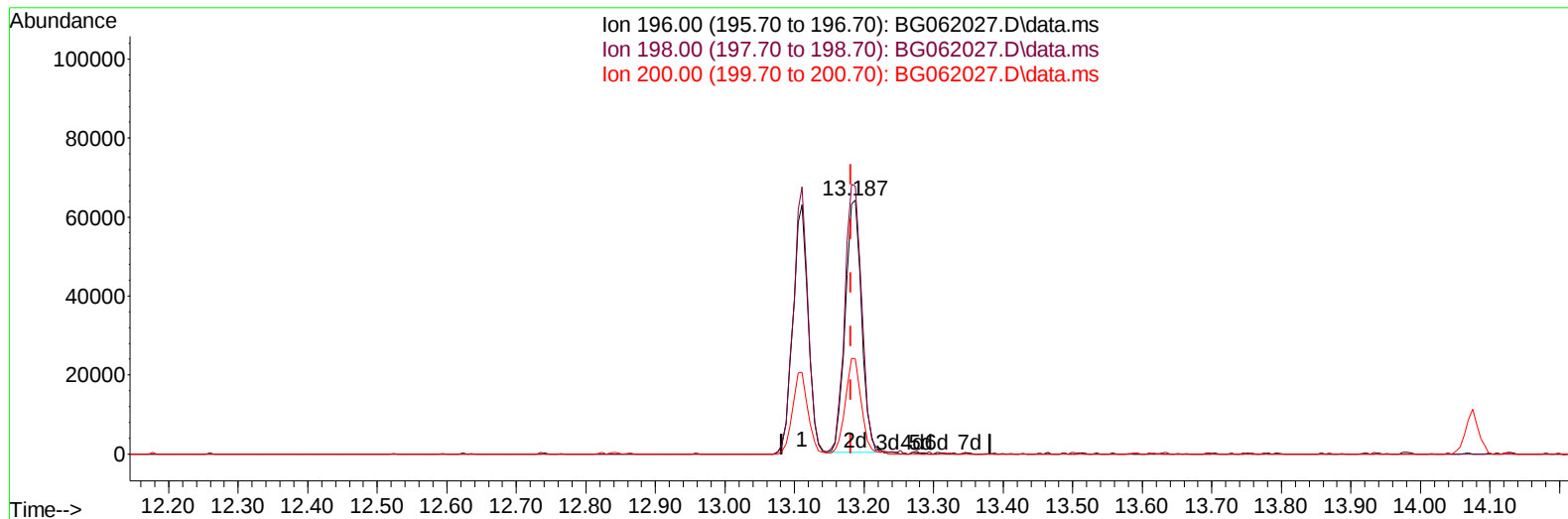
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062027.D
Acq On : 12 Jul 2024 2:37
Operator : MA/JU
Sample : PB161926BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 12 04:03:11 2024
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TIC: BG062027.D\data.ms

(42) 2,4,5-Trichlorophenol

13.187min (+ 0.006) 24.63 ng/ul m

response 102877

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	90.60	105.62
200.00	29.60	37.58#
0.00	0.00	0.00

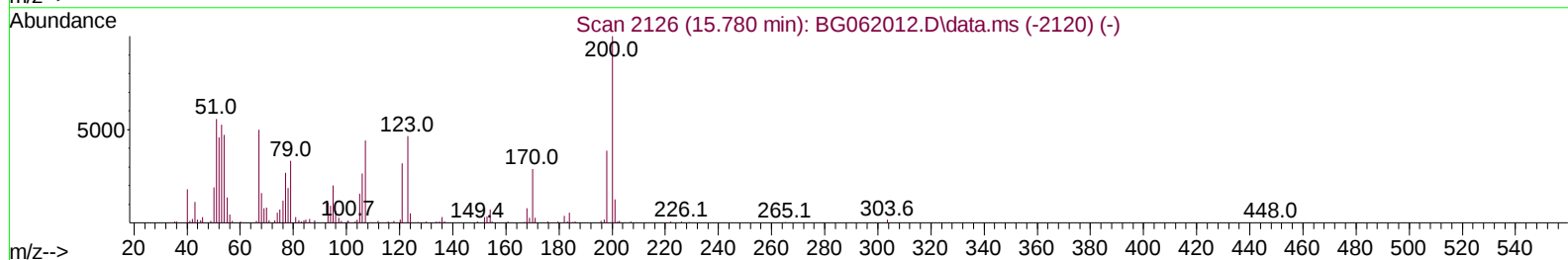
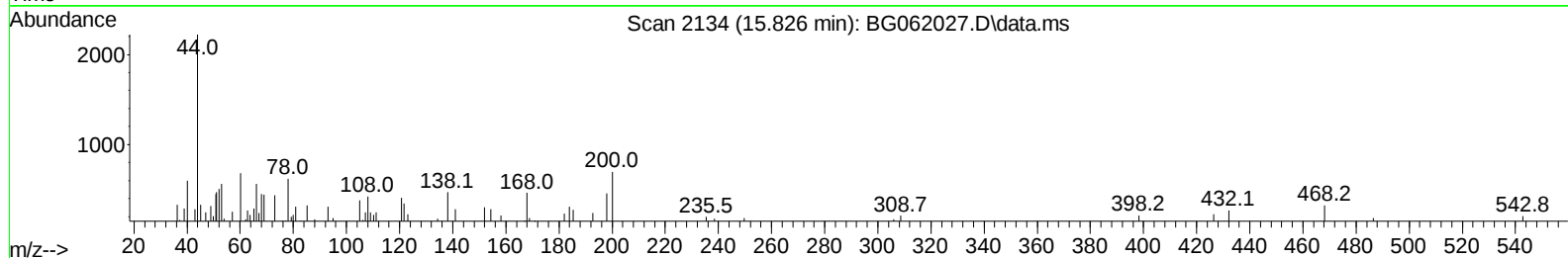
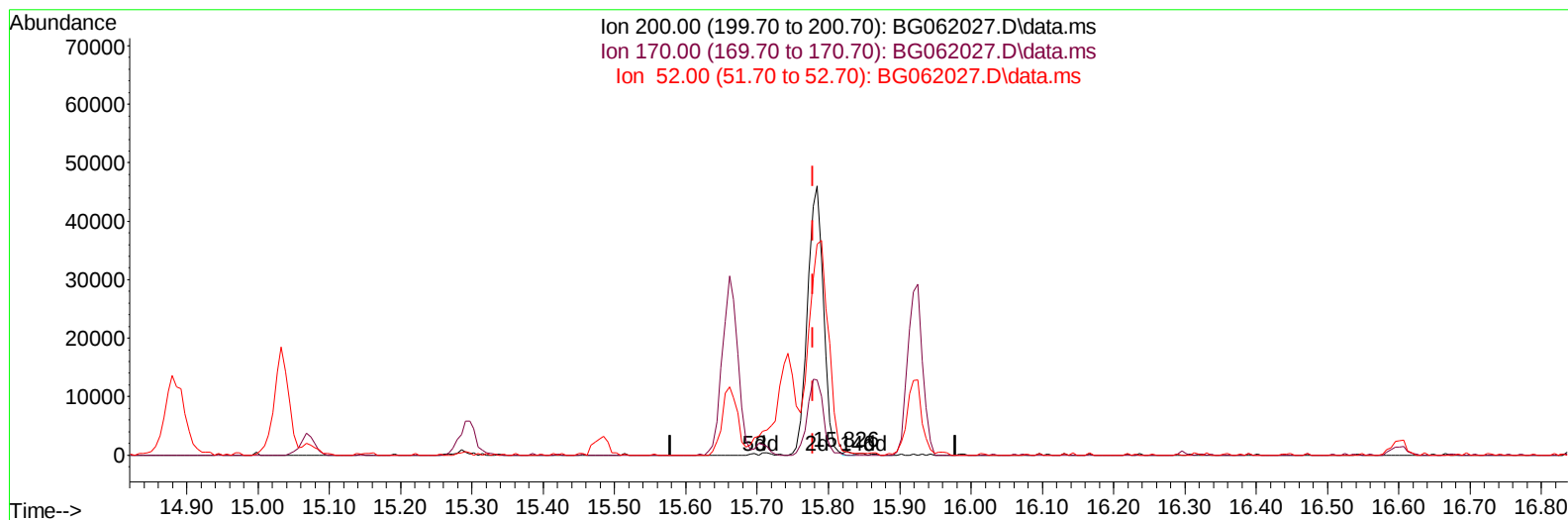
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Instrument :
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TIC: BG062027.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.826min (+ 0.047) 0.20 ng/u1

response 481

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.10	21.46
52.00	66.90	72.25
0.00	0.00	0.00

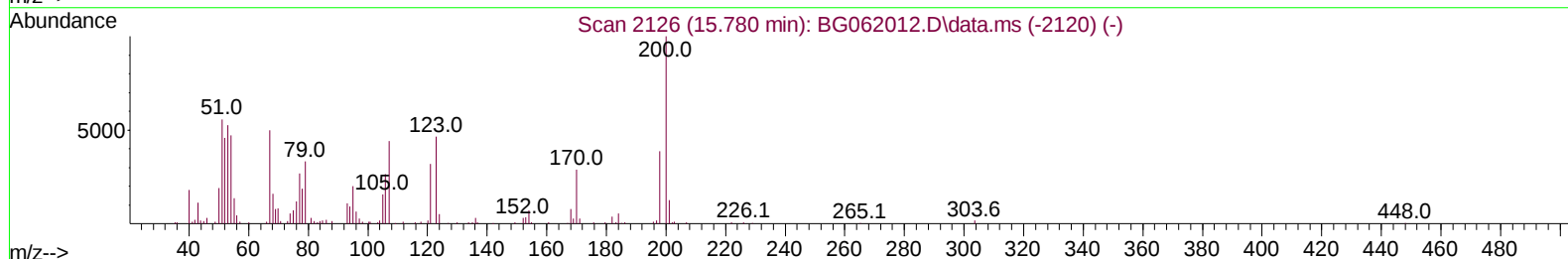
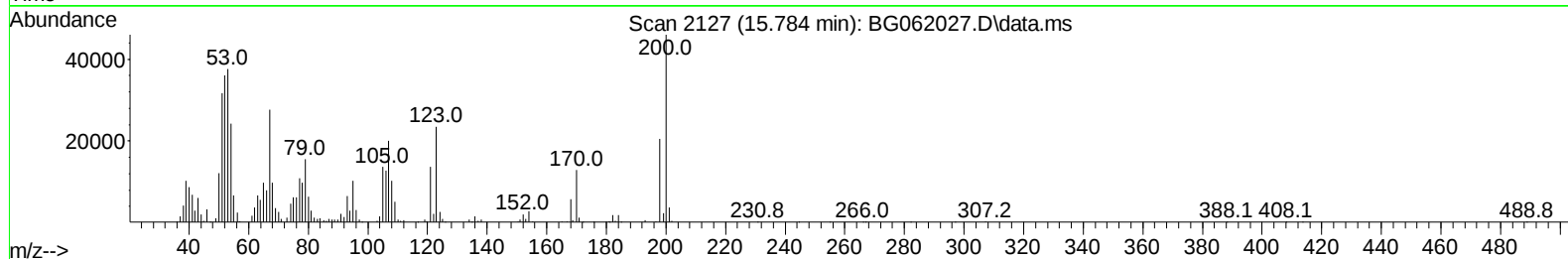
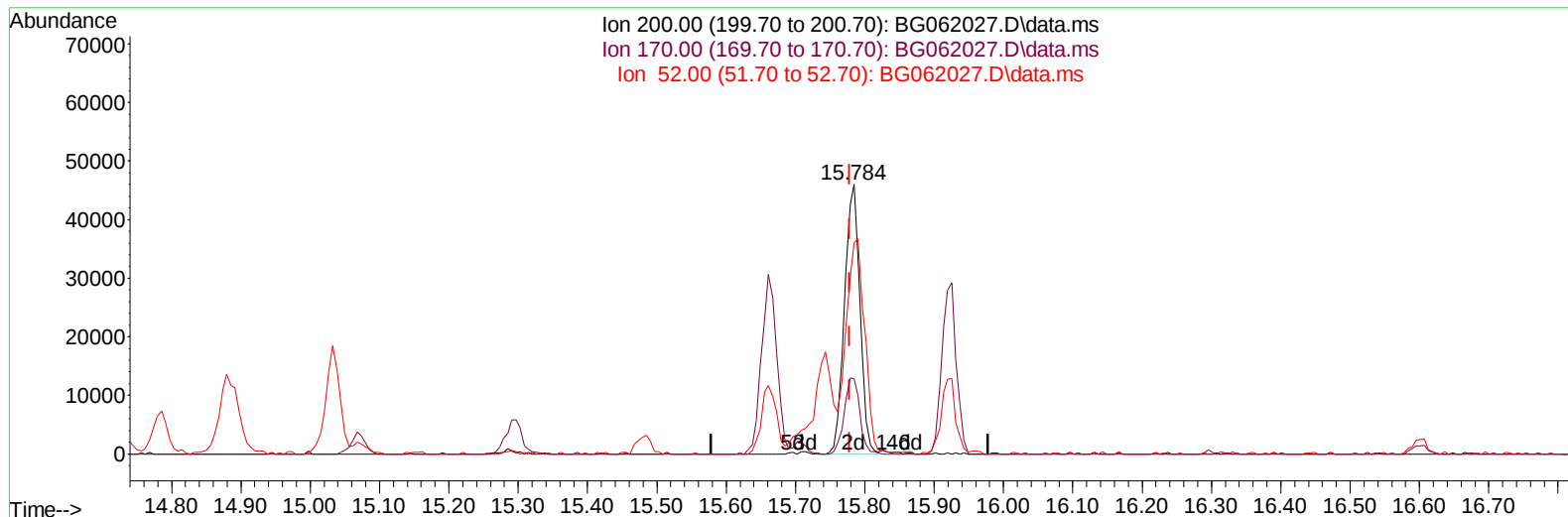
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Acq On : 12 Jul 2024 2:37
Operator : MA/JU
Sample : PB161926BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS926

Manual IntegrationsAPPROVED

Quant Time: Jul 12 04:03:11 2024
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Quant Title : SVOA CALIBRATION
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Supervised By :mohammad ahmed 07/15/2024



TIC: BG062027.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.784min (+ 0.006) 29.64 ng/ul m

response 71258

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.10	28.02#
52.00	66.90	78.33
0.00	0.00	0.00

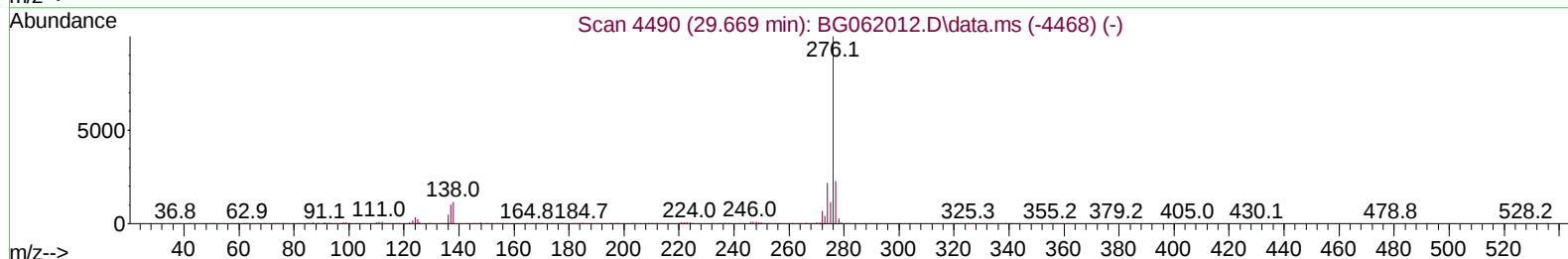
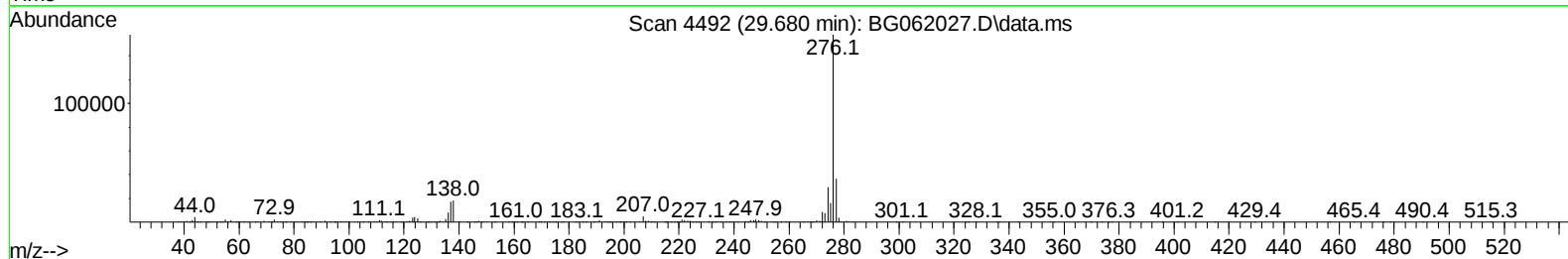
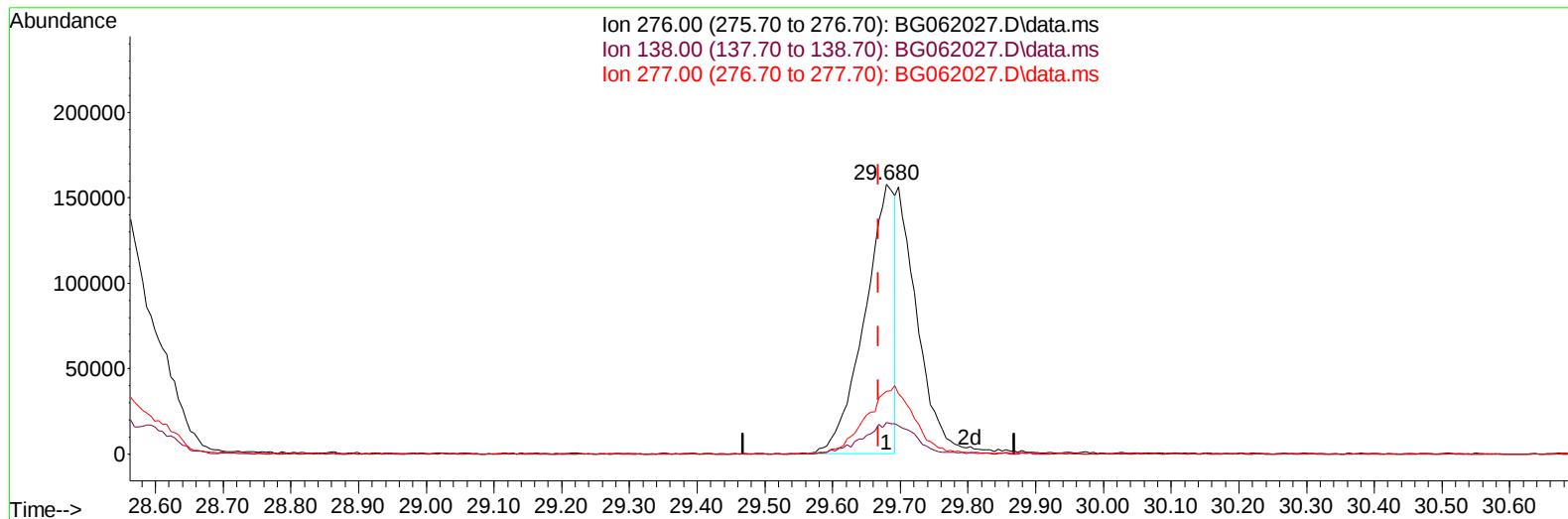
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Manual IntegrationsAPPROVED

Quant Time: Jul 12 04:11:21 2024
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TIC: BG062027.D\data.ms

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

29.680min (+ 0.012) 16.63 ng/u1

response 489474

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.90	11.77
277.00	23.50	23.24
0.00	0.00	0.00

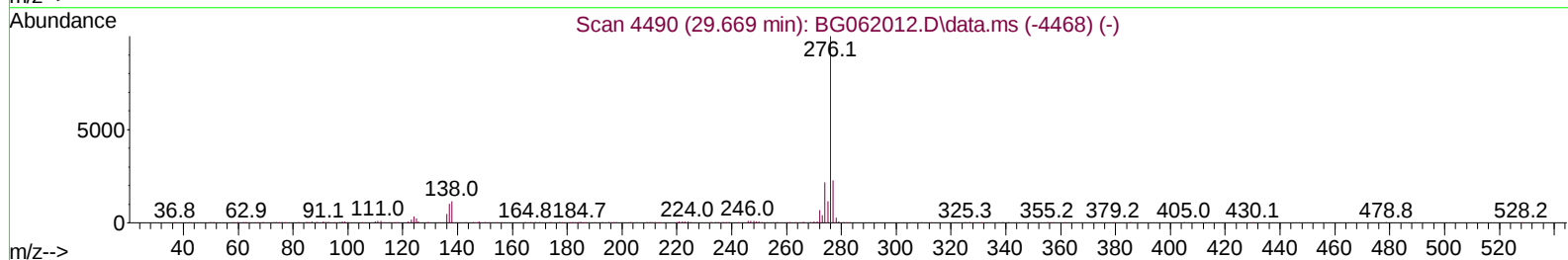
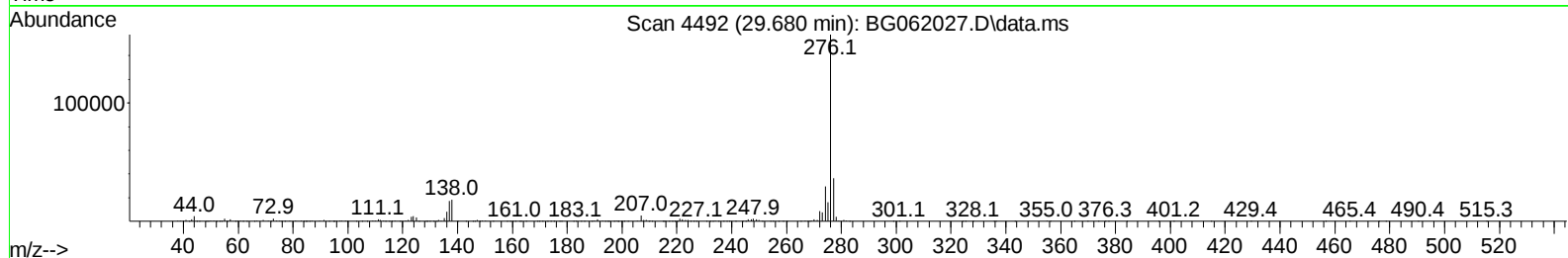
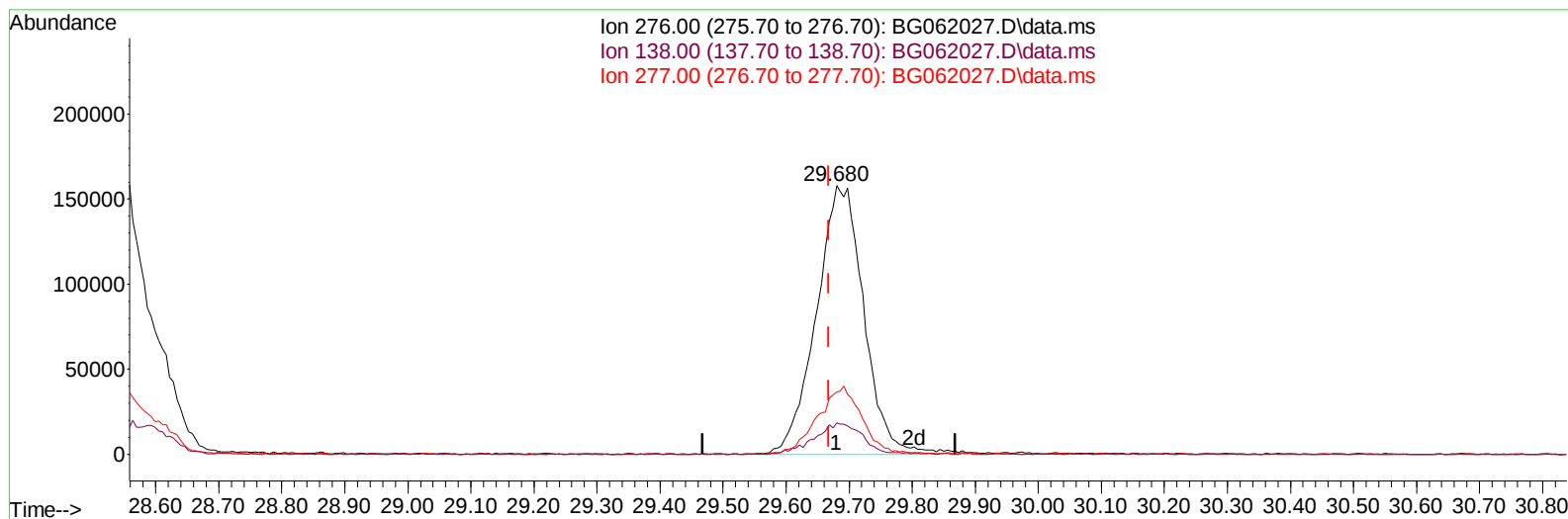
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ALS Vial : 22 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

Quant Time: Jul 12 04:11:21 2024
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TIC: BG062027.D\data.ms

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

29.680min (+ 0.012) 27.92 ng/ul m

response 821734

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.90	11.77
277.00	23.50	23.24
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.041	152	57314	20.000	ng/ul	0.00
20) Naphthalene-d8	10.855	136	265706	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.674	164	190642	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.418	188	457784	20.000	ng/ul	0.00
79) Chrysene-d12	21.677	240	413490	20.000	ng/ul	# 0.00
88) Perylene-d12	24.880	264	485304	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	8417	5.519	ng/uL	0.00
4) Pyridine-d5	3.857	84	105271	22.448	ng/ul	0.00
7) Phenol-d5	7.200	99	159345	25.405	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.365	67	93441	23.525	ng/ul	0.00
11) 2-Chlorophenol-d4	7.571	132	105881	24.610	ng/ul	0.00
15) 4-Methylphenol-d8	8.751	113	121529	24.609	ng/ul	0.00
21) Nitrobenzene-d5	9.210	128	54714	27.076	ng/ul	0.00
24) 2-Nitrophenol-d4	9.932	143	68973	29.888	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.473	165	127710	28.692	ng/ul	0.00
31) 4-Chloroaniline-d4	10.990	131	144321	22.333	ng/ul	0.00
46) Dimethylphthalate-d6	14.075	166	402653	25.690	ng/ul	0.00
49) Acenaphthylene-d8	14.368	160	445083	27.158	ng/ul	0.00
54) 4-Nitrophenol-d4	14.880	143	68587	27.402	ng/ul	0.00
60) Fluorene-d10	15.661	176	366297	27.761	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.784	200	71258m	29.639	ng/ul	0.00
73) Anthracene-d10	17.518	188	566404	26.501	ng/ul	0.00
81) Pyrene-d10	19.797	212	652207	26.817	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.668	264	690855	28.704	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.475	88	14617	8.683	ng/uL	95
5) Pyridine	3.875	79	103160m	21.449	ng/ul	
6) Benzaldehyde	7.177	77	85322	25.702	ng/ul	92
8) Phenol	7.230	94	164330	25.590	ng/ul#	90
10) Bis(2-Chloroethyl)ether	7.459	93	112162	22.736	ng/ul	90
12) 2-Chlorophenol	7.606	128	114945	26.224	ng/ul	90
13) 2-Methylphenol	8.481	108	114878	25.064	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.563	45	234388	21.748	ng/ul#	97
16) Acetophenone	8.869	105	194121	23.797	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.845	70	100528	22.012	ng/ul	88
18) 4-Methylphenol	8.816	108	129460	25.222	ng/ul	95
19) Hexachloroethane	9.122	117	50332	26.470	ng/ul	88
22) Nitrobenzene	9.251	77	163619	28.524	ng/ul	96
23) Isophorone	9.768	82	299186	23.087	ng/ul	98
25) 2-Nitrophenol	9.962	139	67540	28.699	ng/ul#	91
26) 2,4-Dimethylphenol	10.021	107	121445	21.562	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.250	93	164689	23.077	ng/ul	98
29) 2,4-Dichlorophenol	10.496	162	118952	28.449	ng/ul	97
30) Naphthalene	10.902	128	384975	26.377	ng/ul#	94
32) 4-Chloroaniline	11.008	127	140934	22.226	ng/ul	95
33) Hexachlorobutadiene	11.172	225	93630	29.758	ng/ul#	90
34) Caprolactam	11.777	113	40826m	24.922	ng/ul	
35) 4-Chloro-3-methylphenol	12.136	107	160904	28.895	ng/ul	91

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 QLast Update : Thu Jul 11 12:11:32 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.506	142	283335	26.796	ng/ul	95
37) 1-Methylnaphthalene	12.723	142	284264	25.869	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.864	216	169265	29.566	ng/ul	96
40) Hexachlorocyclopentadiene	12.835	237	60025	15.750	ng/ul	93
41) 2,4,6-Trichlorophenol	13.111	196	96165	25.290	ng/ul	94
42) 2,4,5-Trichlorophenol	13.187	196	102877m	24.629	ng/ul	
43) 1,1'-Biphenyl	13.505	154	378032	25.736	ng/ul	99
44) 2-Chloronaphthalene	13.552	162	292418	26.525	ng/ul#	91
45) 2-Nitroaniline	13.757	65	130043	29.457	ng/ul	99
47) Dimethylphthalate	14.122	163	380201	25.220	ng/ul	99
48) 2,6-Dinitrotoluene	14.251	165	82015	28.678	ng/ul	98
50) Acenaphthylene	14.398	152	469044	26.077	ng/ul	99
51) 3-Nitroaniline	14.580	138	79707	28.632	ng/ul#	97
52) Acenaphthene	14.739	153	327430	26.362	ng/ul	95
53) 2,4-Dinitrophenol	14.786	184	41208	27.580	ng/ul	99
55) 4-Nitrophenol	14.891	109	93476	32.722	ng/ul	90
56) Dibenzofuran	15.073	168	472233	26.901	ng/ul	96
57) 2,4-Dinitrotoluene	15.032	165	124617	29.712	ng/ul#	74
58) 2,3,4,6-Tetrachlorophenol	15.297	232	88796	23.541	ng/ul#	93
59) Diethylphthalate	15.485	149	419977	25.852	ng/ul	98
61) Fluorene	15.720	166	405753	27.180	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.708	204	201391	26.857	ng/ul	90
63) 4-Nitroaniline	15.743	138	84963	30.078	ng/ul#	78
66) 4,6-Dinitro-2-methylph...	15.796	198	76388	29.523	ng/ul#	92
67) N-Nitrosodiphenylamine	15.920	169	330964	26.473	ng/ul	98
68) 4-Bromophenyl-phenylether	16.601	248	146068	28.125	ng/ul	98
69) Hexachlorobenzene	16.719	284	173124	28.990	ng/ul	95
70) Atrazine	16.860	200	20253	4.104	ng/ul	92
71) Pentachlorophenol	17.065	266	67953	20.701	ng/ul	93
72) Phenanthrene	17.459	178	635503	26.328	ng/ul	98
74) Anthracene	17.553	178	630167	25.262	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.475	216	165271	29.068	ng/ul	98
76) Pentachlorobenzene	14.985	250	188246	29.029	ng/ul	96
77) Carbazole	17.817	167	570700	27.185	ng/ul	97
78) Di-n-butylphthalate	18.370	149	720032	26.714	ng/ul	98
80) Fluoranthene	19.462	202	754225	26.204	ng/ul	96
82) Pyrene	19.827	202	786242	26.445	ng/ul#	94
83) Butylbenzylphthalate	20.702	149	331157	26.540	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.572	252	288434	29.321	ng/ul	99
85) Benzo(a)anthracene	21.654	228	802154	26.794	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.554	149	472553	26.392	ng/ul#	99
87) Chrysene	21.725	228	770861	27.505	ng/ul	98
89) Di-n-octyl phthalate	22.759	149	837776	28.257	ng/ul	100
90) Benzo(b)fluoranthene	23.863	252	835231	27.317	ng/ul	96
91) Benzo(k)fluoranthene	23.928	252	843954	27.680	ng/ul	93
93) Benzo(a)pyrene	24.733	252	728656	25.167	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	28.540	276	1053336	28.469	ng/ul#	95
95) Dibenzo(a,h)anthracene	28.611	278	851558	27.867	ng/ul	97
96) Benzo(g,h,i)perylene	29.680	276	821734m	27.916	ng/ul	

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

Instrument :

BNA_G

ClientSampleId :

SLCS926

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
 Data File : BG062027.D
 Acq On : 12 Jul 2024 2:37
 Operator : MA/JU
 Sample : PB161926BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS926

Manual IntegrationsAPPROVED

Quant Time: Jul 12 04:12:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 11 12:11:32 2024
 Response via : Initial Calibration

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