

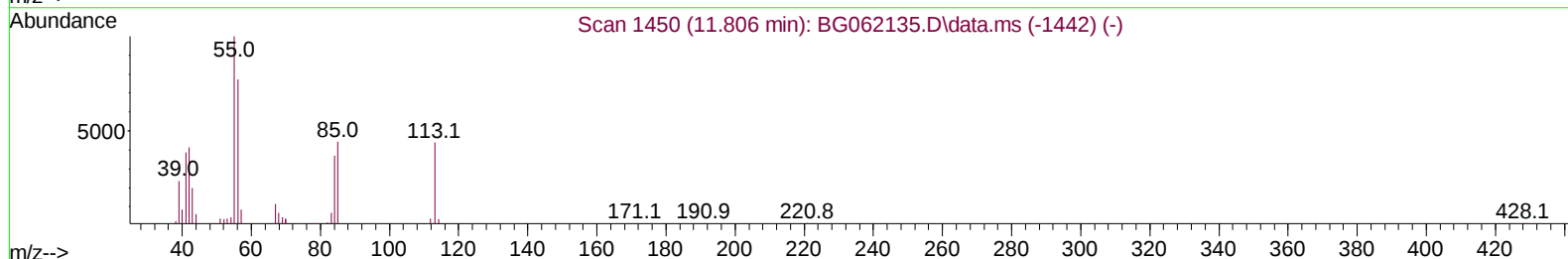
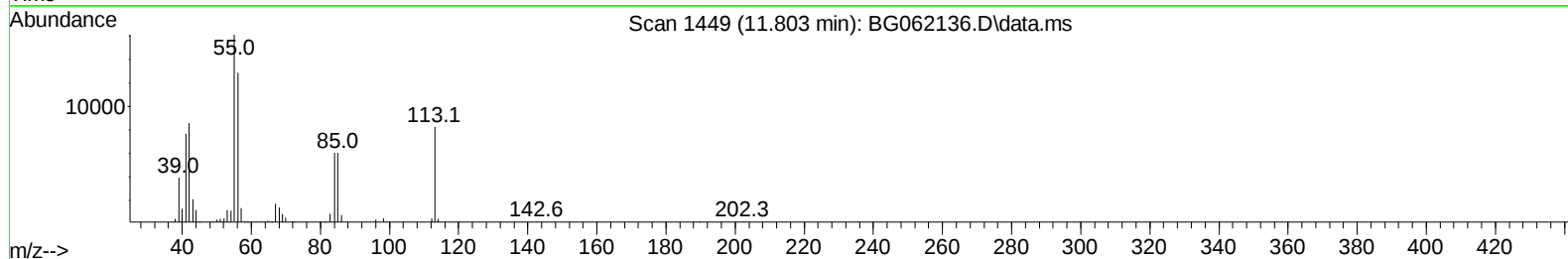
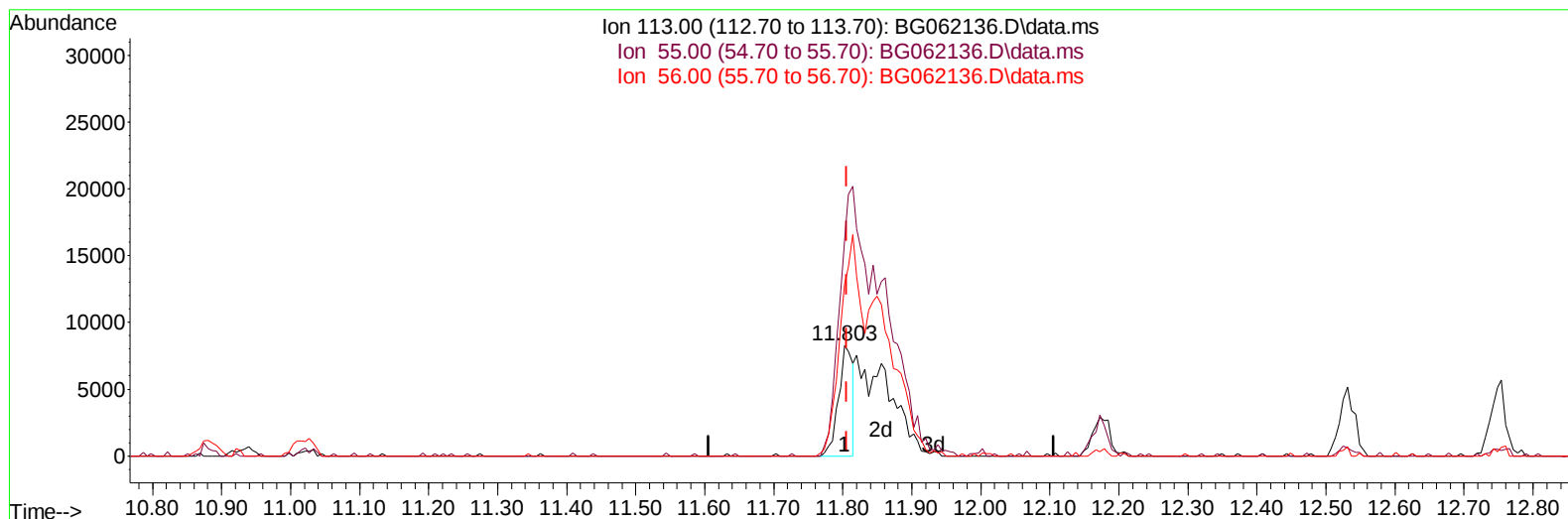
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071924\
 Data File : BG062136.D
 Acq On : 19 Jul 2024 11:17
 Operator : MA/JU
 Sample : SST04025
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST040407

Manual IntegrationsAPPROVED

Quant Time: Jul 19 12:49:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 19 12:42:00 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/23/2024



TIC: BG062136.D\data.ms

(34) Caprolactam

11.803min (-0.003) 13.08 ng/ul

response 11893

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.00	194.39
56.00	175.40	155.45
0.00	0.00	0.00

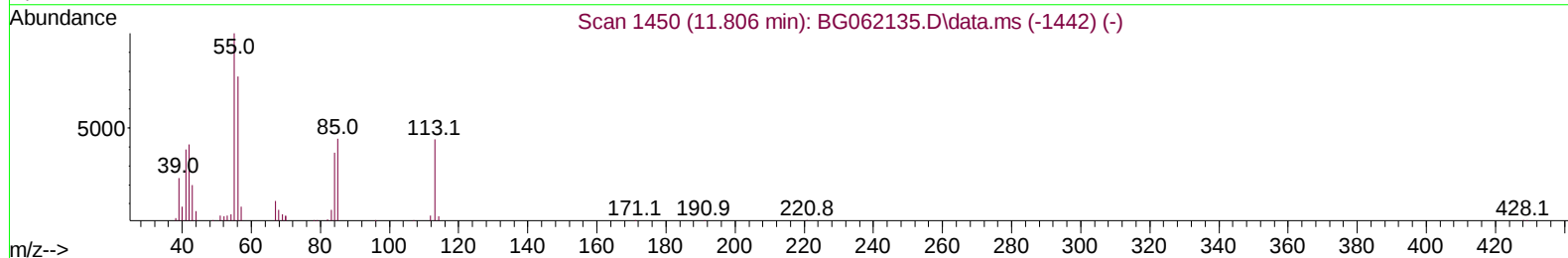
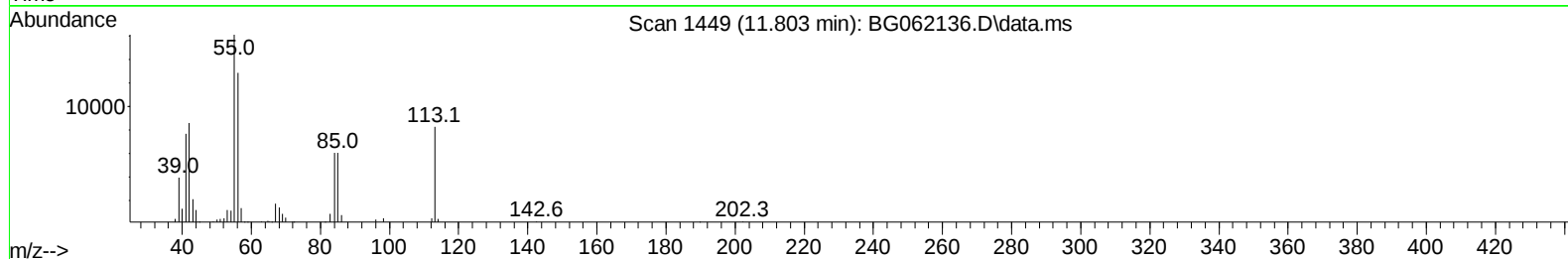
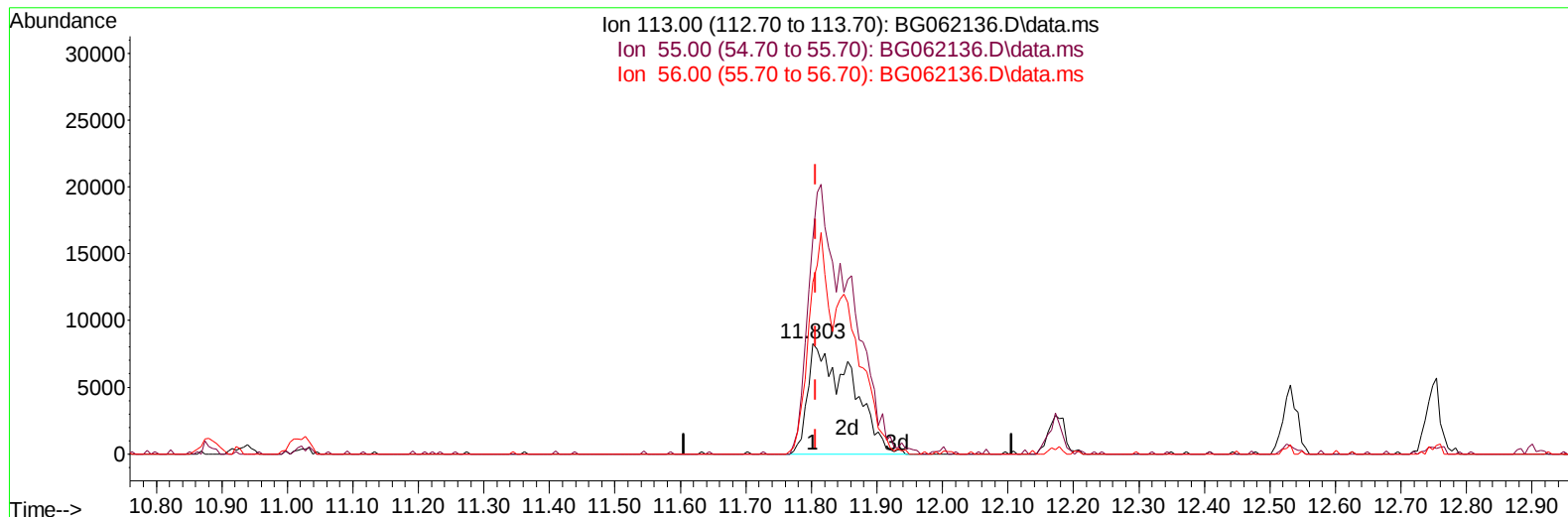
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TIC: BG062136.D\data.ms

(34) Caprolactam

11.803min (-0.003) 41.74 ng/ul m

response 37942

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.00	194.39
56.00	175.40	155.45
0.00	0.00	0.00

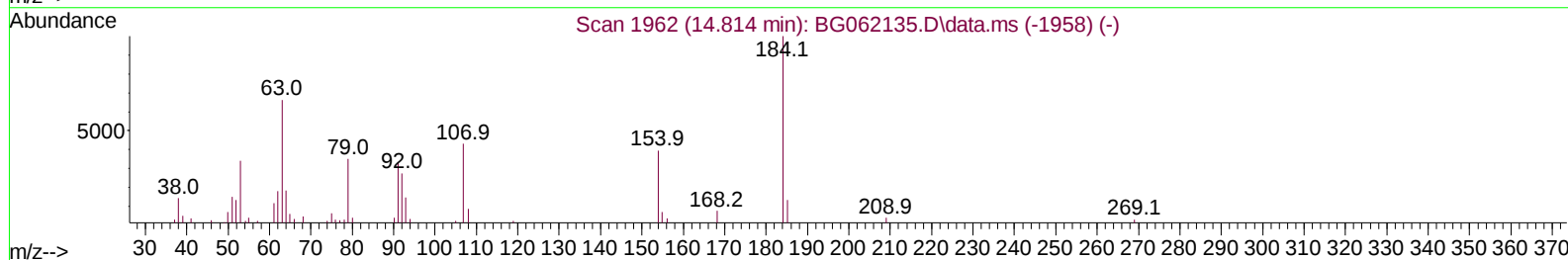
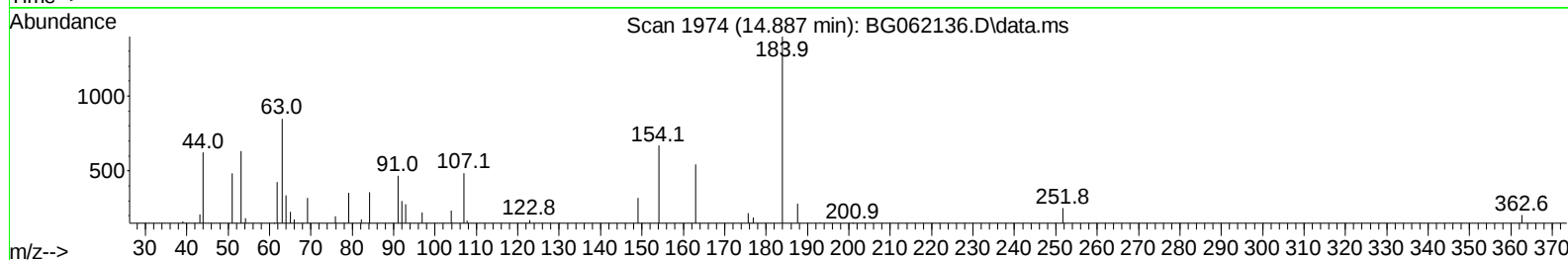
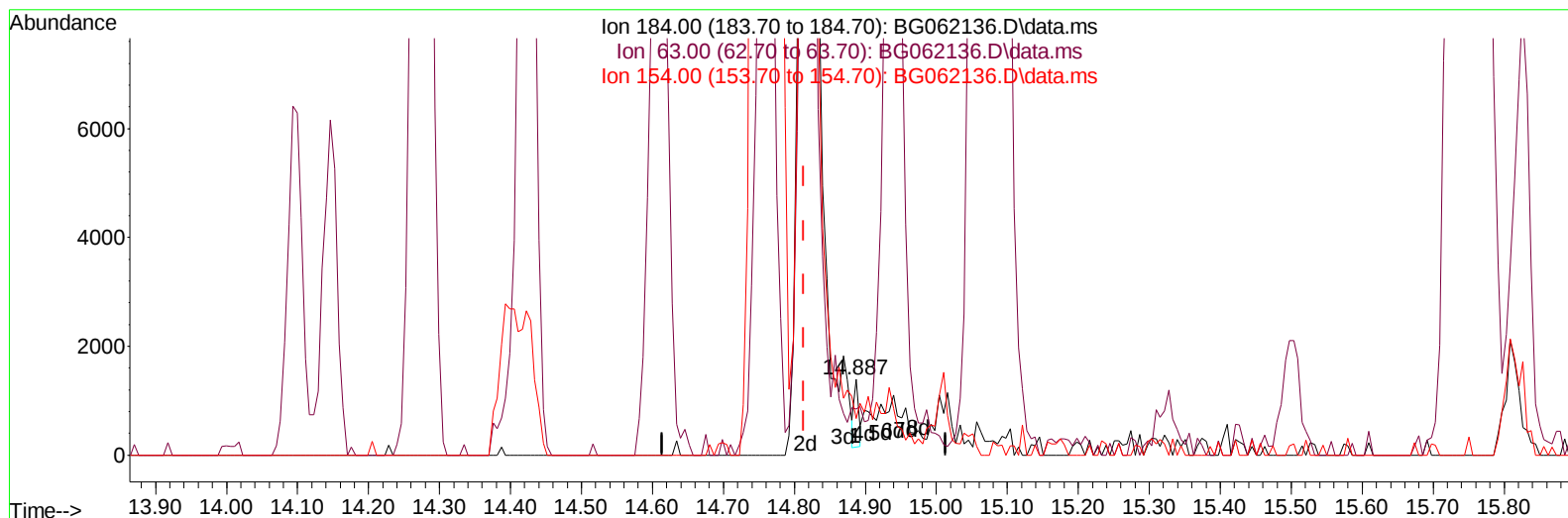
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071924\
Data File : BG062136.D
Acq On : 19 Jul 2024 11:17
Operator : MA/JU
Sample : SSTD04025
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD040407

Manual IntegrationsAPPROVED

Quant Time: Jul 19 12:49:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
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TIC: BG062136.D\data.ms

(53) 2,4-Dinitrophenol

14.887min (+ 0.073) 0.85 ng/ul

response 576

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	66.20	60.77
154.00	51.40	47.96
0.00	0.00	0.00

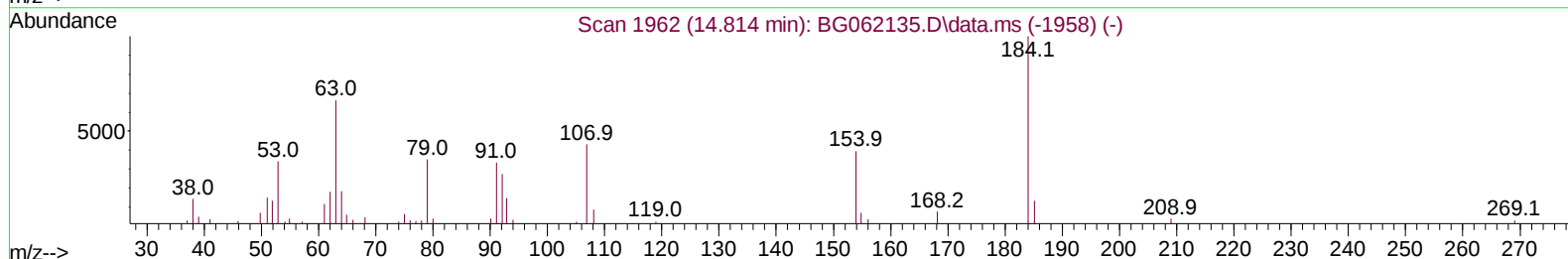
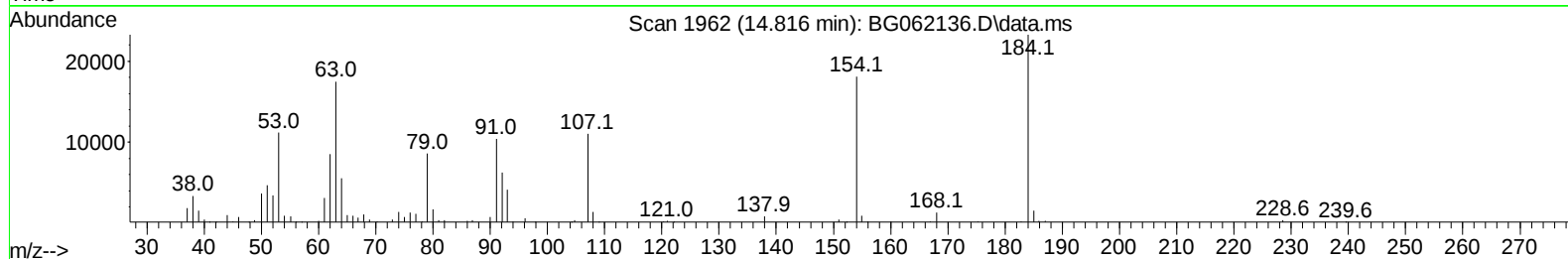
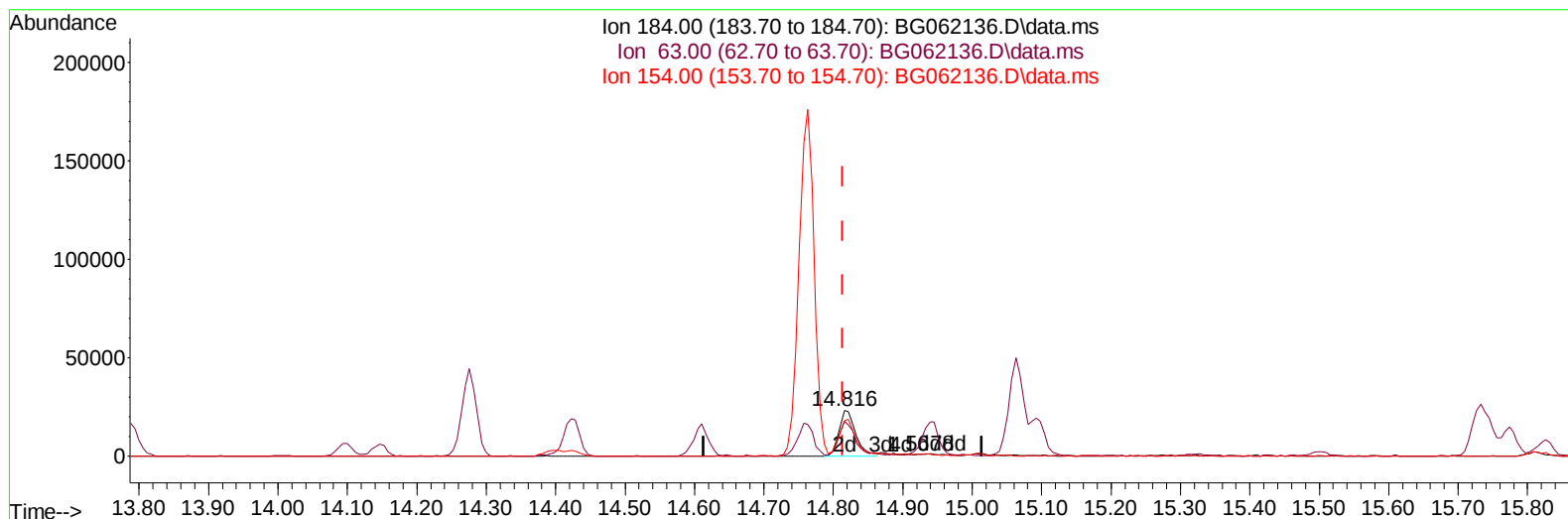
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071924\
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TIC: BG062136.D\data.ms

(53) 2,4-Dinitrophenol

14.816min (+ 0.002) 56.97 ng/ul m

response 38775

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	66.20	75.24
154.00	51.40	77.82#
0.00	0.00	0.00

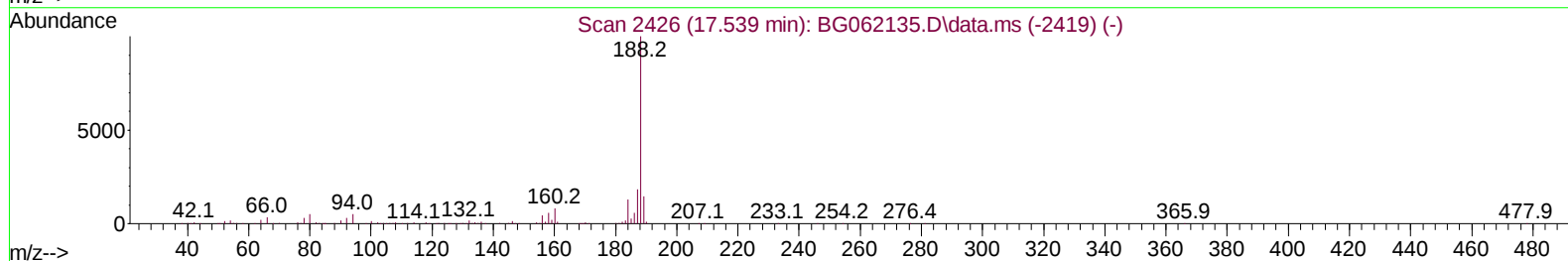
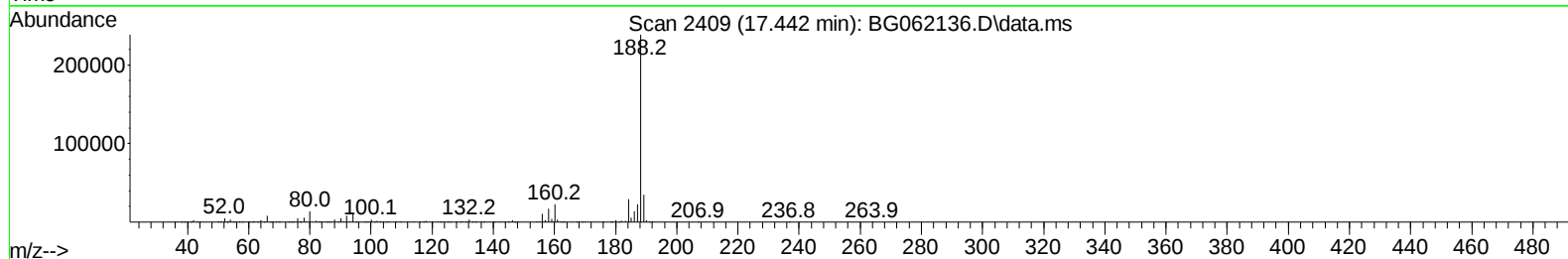
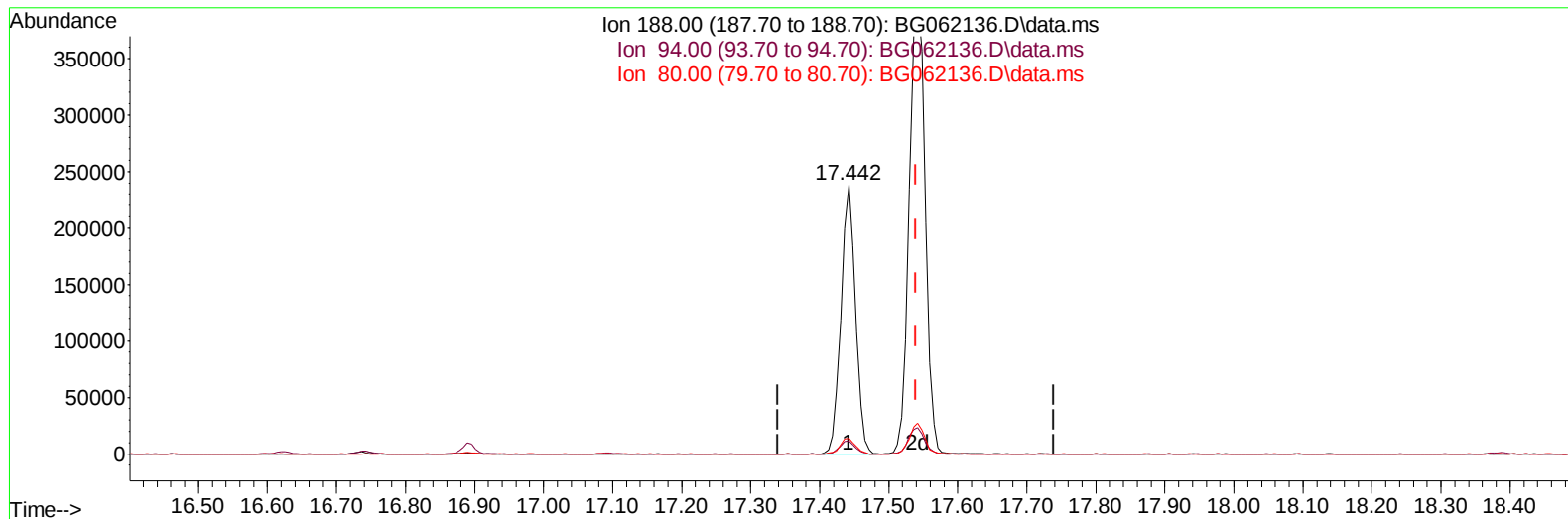
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071924\
Data File : BG062136.D
Acq On : 19 Jul 2024 11:17
Operator : MA/JU
Sample : SST04025
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG062136.D\data.ms

(73) Anthracene-d10 (S)

17.442min (-0.097) 21.91 ng/u1

response 346137

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	5.20	4.85
80.00	5.10	5.79
0.00	0.00	0.00

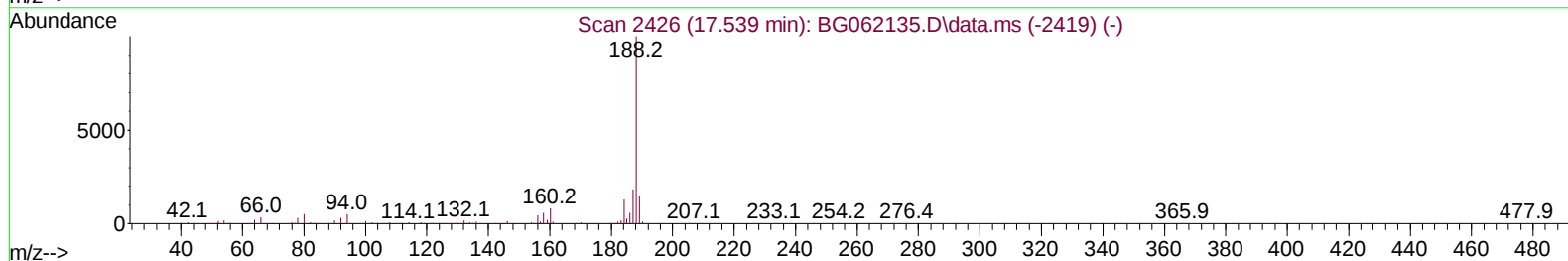
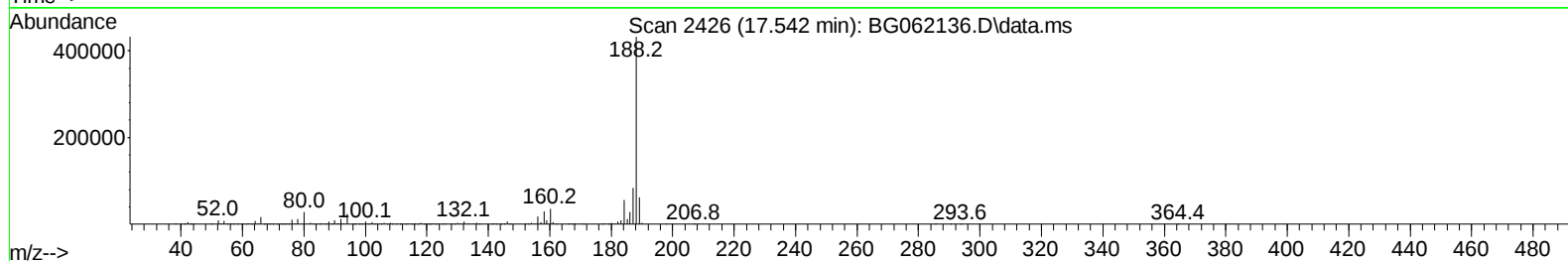
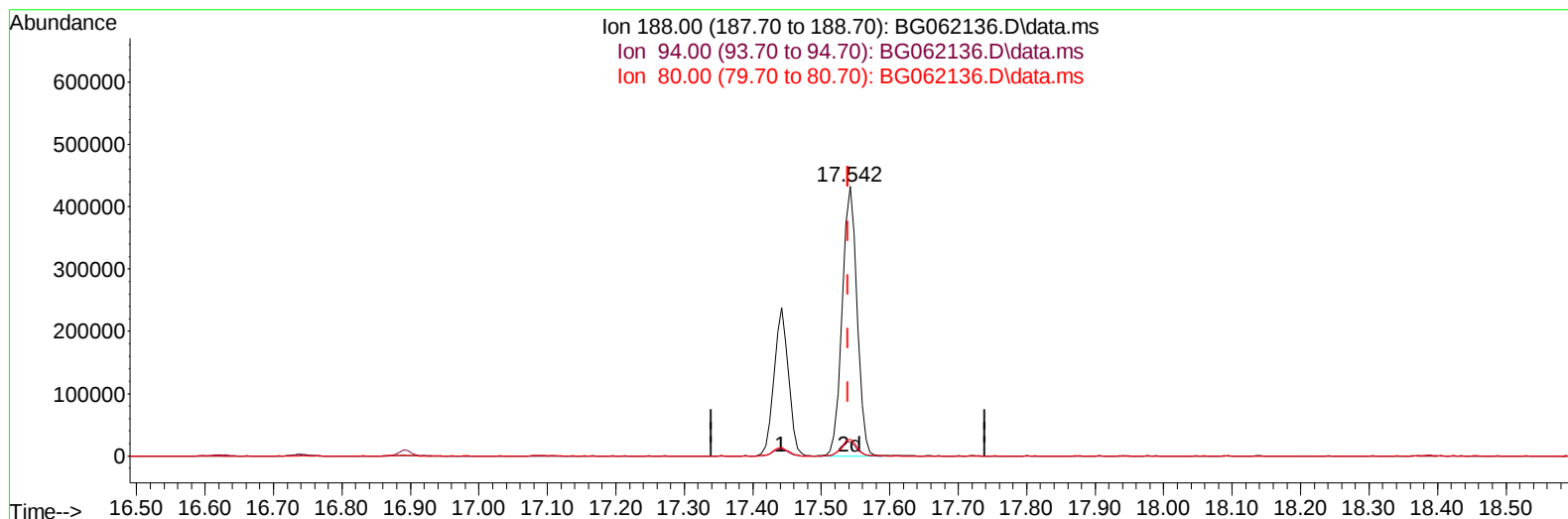
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071924\
Data File : BG062136.D
Acq On : 19 Jul 2024 11:17
Operator : MA/JU
Sample : SST04025
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG062136.D\data.ms

(73) Anthracene-d10 (S)

17.542min (+ 0.002) 41.45 ng/ul m

response 654962

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	5.20	5.43
80.00	5.10	6.37#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071924\
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Instrument :
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Manual IntegrationsAPPROVED

Quant Time: Jul 19 12:51:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
 Quant Title : SVOA CALIBRATION
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Reviewed By :Yogesh Patel 07/20/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.066	152	31146	20.000	ng/ul	0.00
20) Naphthalene-d8	10.880	136	137452	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.693	164	121748	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.442	188	346137	20.000	ng/ul	0.00
79) Chrysene-d12	21.707	240	355422	20.000	ng/ul	0.00
88) Perylene-d12	24.938	264	364577	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.455	96	10680	13.615	ng/uL	0.00
4) Pyridine-d5	3.872	84	96406	33.508	ng/ul	0.00
7) Phenol-d5	7.238	99	127666	38.099	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.385	67	70589	37.284	ng/ul	0.00
11) 2-Chlorophenol-d4	7.602	132	80883	38.672	ng/ul	0.00
15) 4-Methylphenol-d8	8.789	113	94949	38.234	ng/ul	0.00
21) Nitrobenzene-d5	9.235	128	42605	40.816	ng/ul	0.00
24) 2-Nitrophenol-d4	9.958	143	54402	42.806	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.504	165	116372	40.839	ng/ul	0.00
31) 4-Chloroaniline-d4	11.021	131	141478	41.634	ng/ul	0.00
46) Dimethylphthalate-d6	14.099	166	421416	41.905	ng/ul	0.00
49) Acenaphthylene-d8	14.393	160	429355	40.777	ng/ul	0.00
54) 4-Nitrophenol-d4	14.928	143	52603	44.085	ng/ul	0.00
60) Fluorene-d10	15.686	176	365700	41.005	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.815	200	89171	43.864	ng/ul	0.00
73) Anthracene-d10	17.542	188	654962m	41.449	ng/ul	0.00
81) Pyrene-d10	19.821	212	822141	40.641	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.714	264	750726	41.049	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.490	88	12287	11.943	ng/ul#	89
5) Pyridine	3.896	79	99003	34.555	ng/ul	89
6) Benzaldehyde	7.203	77	78856	45.699	ng/ul	96
8) Phenol	7.268	94	127952	38.519	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.485	93	83561	36.254	ng/ul#	94
12) 2-Chlorophenol	7.638	128	77514	37.526	ng/ul#	88
13) 2-Methylphenol	8.519	108	93025	38.338	ng/ul	90
14) 2,2'-oxybis(1-Chloropr...	8.589	45	152762	40.161	ng/ul#	93
16) Acetophenone	8.895	105	174032	40.506	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.871	70	99021	42.032	ng/ul	88
18) 4-Methylphenol	8.854	108	104710	40.088	ng/ul	98
19) Hexachloroethane	9.147	117	35560	39.916	ng/ul	91
22) Nitrobenzene	9.282	77	142773	40.507	ng/ul	98
23) Isophorone	9.799	82	297341	42.355	ng/ul	96
25) 2-Nitrophenol	9.993	139	56503	41.464	ng/ul#	88
26) 2,4-Dimethylphenol	10.052	107	139880	41.456	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.275	93	136829	41.789	ng/ul	92
29) 2,4-Dichlorophenol	10.534	162	107447	40.021	ng/ul	93
30) Naphthalene	10.933	128	297072	39.312	ng/ul	99
32) 4-Chloroaniline	11.045	127	133002	41.379	ng/ul#	89
33) Hexachlorobutadiene	11.197	225	100415	40.134	ng/ul	93
34) Caprolactam	11.803	113	37942m	41.741	ng/ul	
35) 4-Chloro-3-methylphenol	12.173	107	133014	39.324	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.531	142	226598	40.001	ng/ul	88
37) 1-Methylnaphthalene	12.748	142	233934	39.483	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.895	216	197706	39.977	ng/ul#	97
40) Hexachlorocyclopentadiene	12.866	237	98104	49.301	ng/ul#	94
41) 2,4,6-Trichlorophenol	13.142	196	116357	40.034	ng/ul	92
42) 2,4,5-Trichlorophenol	13.218	196	120902	39.369	ng/ul	99
43) 1,1'-Biphenyl	13.530	154	343483	40.292	ng/ul	94
44) 2-Chloronaphthalene	13.582	162	282766	39.988	ng/ul	98
45) 2-Nitroaniline	13.788	65	110264	42.243	ng/ul	97
47) Dimethylphthalate	14.146	163	395105	40.589	ng/ul#	96
48) 2,6-Dinitrotoluene	14.276	165	84607	42.602	ng/ul	97
50) Acenaphthylene	14.423	152	458534	40.038	ng/ul	99
51) 3-Nitroaniline	14.611	138	69782	42.572	ng/ul#	91
52) Acenaphthene	14.763	153	306745	40.235	ng/ul	98
53) 2,4-Dinitrophenol	14.816	184	38775m	56.970	ng/ul	
55) 4-Nitrophenol	14.939	109	82094	45.082	ng/ul	90
56) Dibenzofuran	15.092	168	467142	40.989	ng/ul	98
57) 2,4-Dinitrotoluene	15.063	165	127236	42.627	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.327	232	114668	43.009	ng/ul	95
59) Diethylphthalate	15.503	149	398714	42.004	ng/ul	97
61) Fluorene	15.744	166	401139	40.453	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.733	204	244325	40.301	ng/ul	94
63) 4-Nitroaniline	15.774	138	75526	44.987	ng/ul#	81
66) 4,6-Dinitro-2-methylph...	15.827	198	87793	44.838	ng/ul#	93
67) N-Nitrosodiphenylamine	15.944	169	339139	40.375	ng/ul	100
68) 4-Bromophenyl-phenylether	16.625	248	161122	39.996	ng/ul	95
69) Hexachlorobenzene	16.743	284	170371	39.884	ng/ul	95
70) Atrazine	16.890	200	176375	42.348	ng/ul	97
71) Pentachlorophenol	17.095	266	53080	68.970	ng/ul	98
72) Phenanthrene	17.483	178	677551	41.171	ng/ul	99
74) Anthracene	17.577	178	685988	40.537	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.500	216	200893	40.955	ng/ul	93
76) Pentachlorobenzene	15.010	250	196479	39.253	ng/ul	99
77) Carbazole	17.847	167	595566	42.168	ng/ul	98
78) Di-n-butylphthalate	18.388	149	666567	42.257	ng/ul	98
80) Fluoranthene	19.486	202	964973	40.969	ng/ul	100
82) Pyrene	19.850	202	980127	40.561	ng/ul	100
83) Butylbenzylphthalate	20.720	149	288712	39.651	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.595	252	330632	42.241	ng/ul	98
85) Benzo(a)anthracene	21.683	228	992347	39.992	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.566	149	408857	39.952	ng/ul	96
87) Chrysene	21.754	228	908849	39.410	ng/ul	99
89) Di-n-octyl phthalate	22.782	149	686577	41.588	ng/ul	100
90) Benzo(b)fluoranthene	23.910	252	899623	40.221	ng/ul	99
91) Benzo(k)fluoranthene	23.980	252	920068	41.495	ng/ul	98
93) Benzo(a)pyrene	24.791	252	858182	41.403	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.639	276	978811	39.791	ng/ul	97
95) Dibenzo(a,h)anthracene	28.691	278	822063	40.515	ng/ul	99
96) Benzo(g,h,i)perylene	29.796	276	779137	40.504	ng/ul	96

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

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