

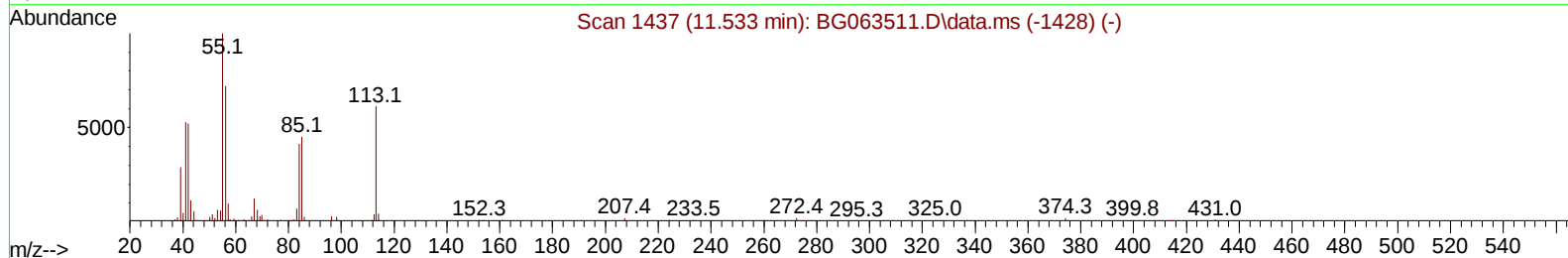
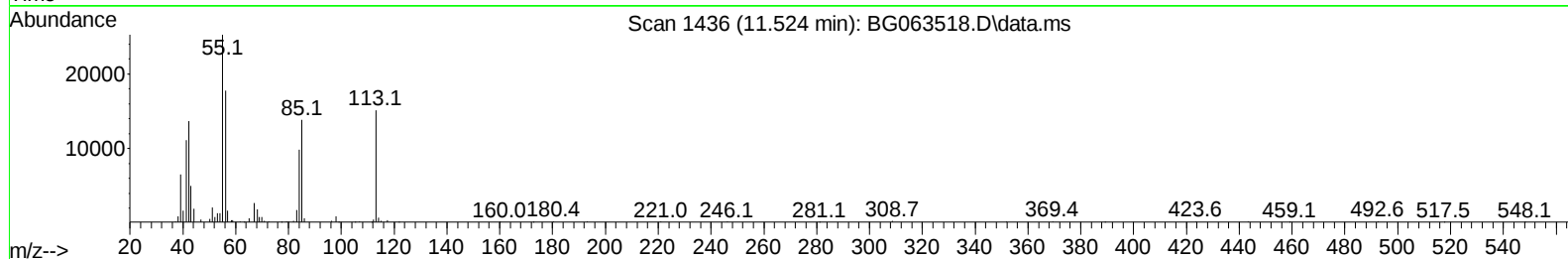
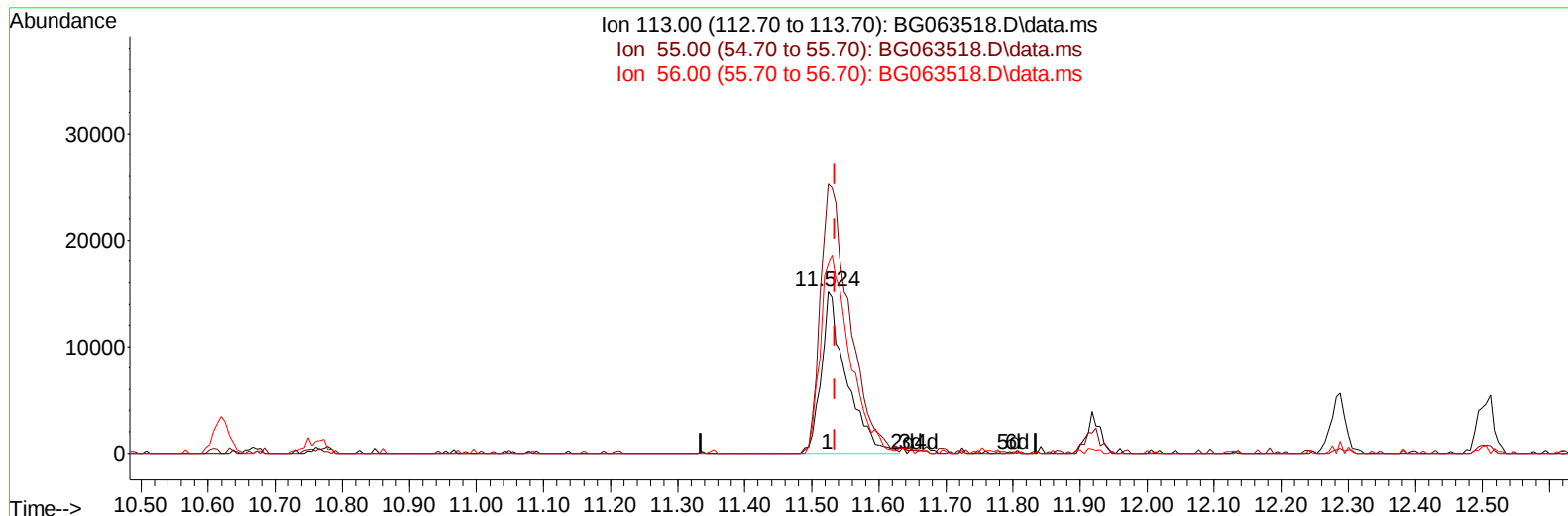
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112224\
Data File : BG063518.D
Acq On : 22 Nov 2024 13:47
Operator : RC/JU
Sample : SSTDCCC020
Misc : MDL-SOIL-ME-QT4-2024
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Nov 22 14:53:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 20 14:52:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



TIC: BG063518.D\data.ms

(34) Caprolactam

11.524min (-0.010) 18.76 ng/ul

response 39538

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	169.00	166.53
56.00	137.20	116.91
0.00	0.00	0.00

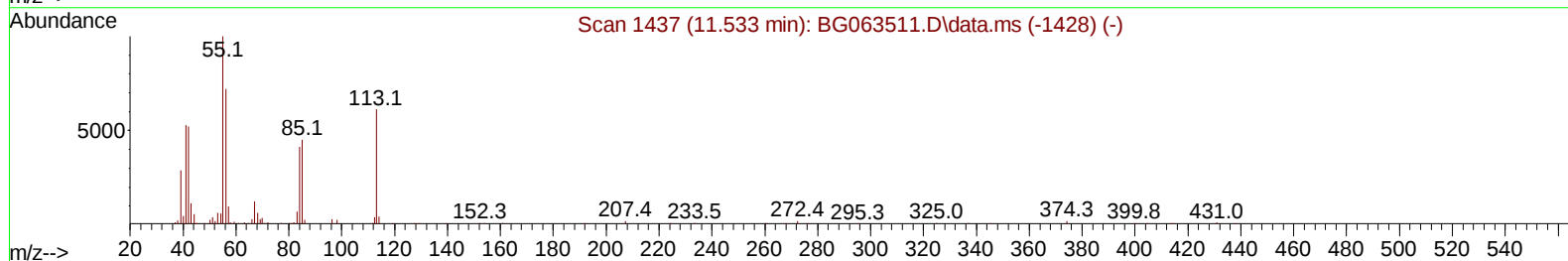
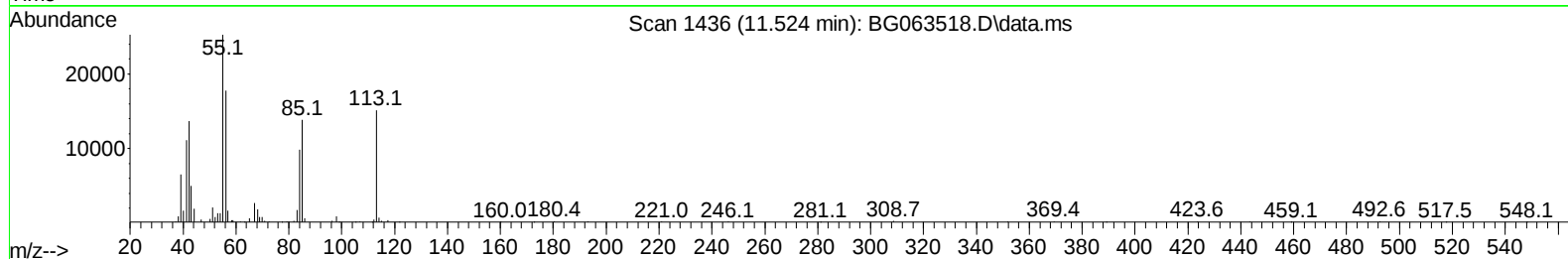
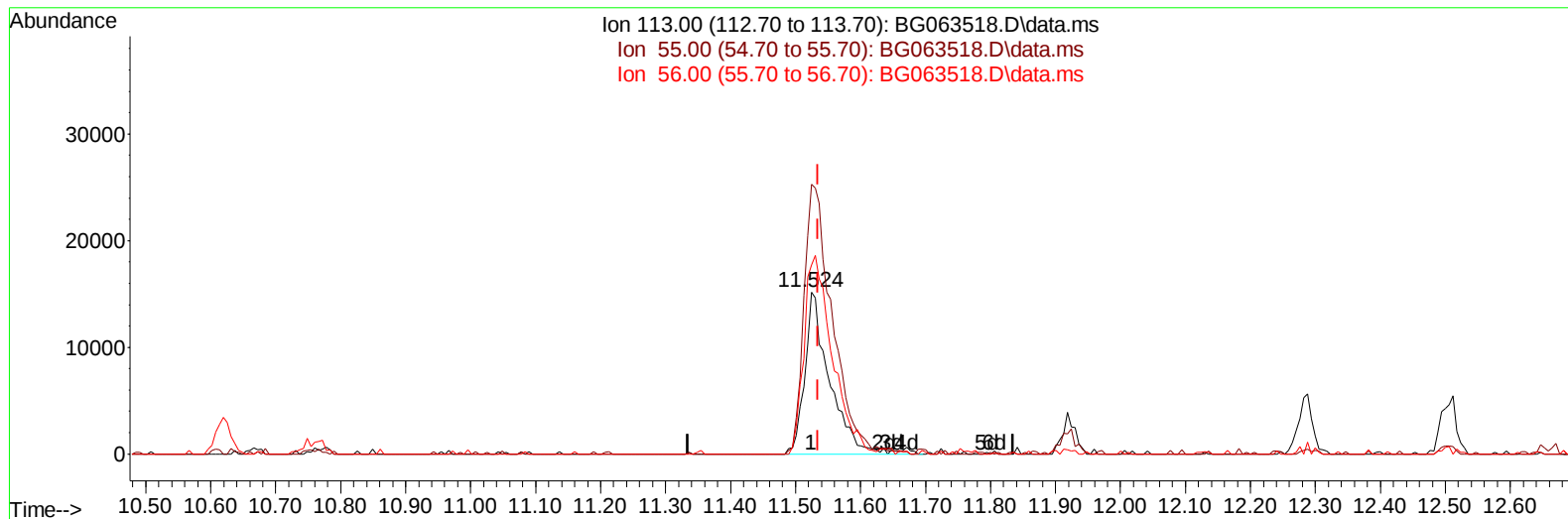
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112224\
Data File : BG063518.D
Acq On : 22 Nov 2024 13:47
Operator : RC/JU
Sample : SSTDCCC020
Misc : MDL-SOIL-ME-QT4-2024
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Nov 22 14:53:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 20 14:52:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



TIC: BG063518.D\data.ms

(34) Caprolactam

11.524min (-0.010) 19.26 ng/ul m

response 40586

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	169.00	166.53
56.00	137.20	116.91
0.00	0.00	0.00

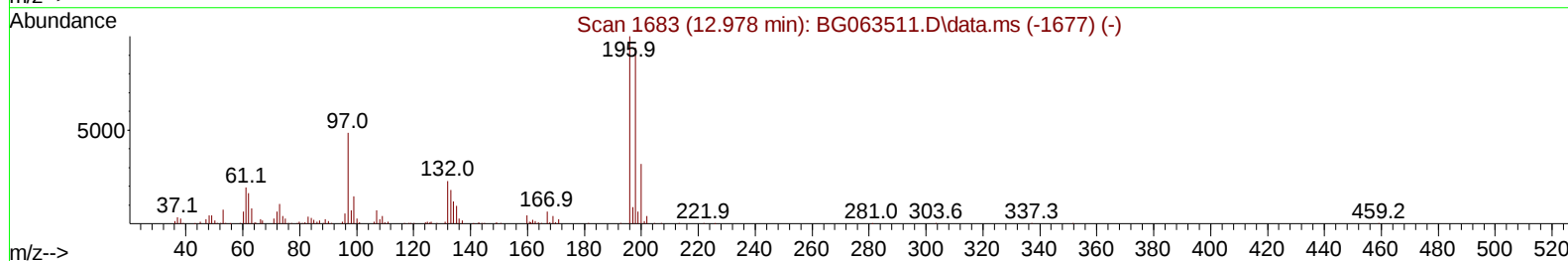
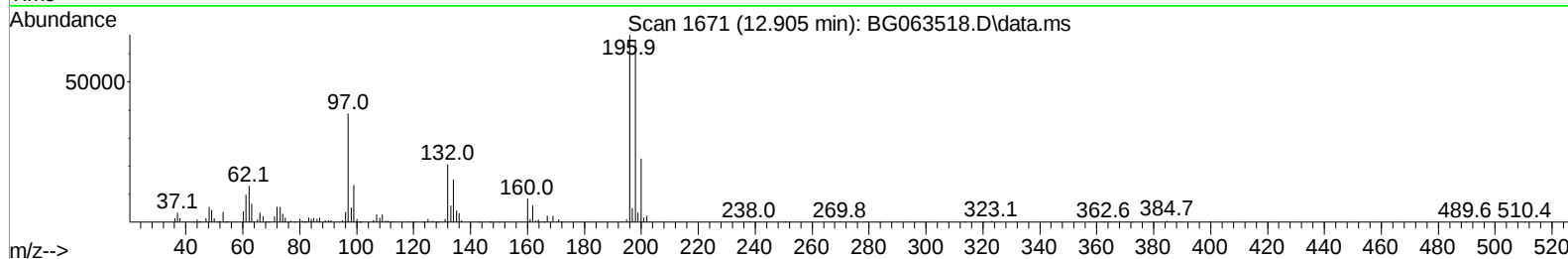
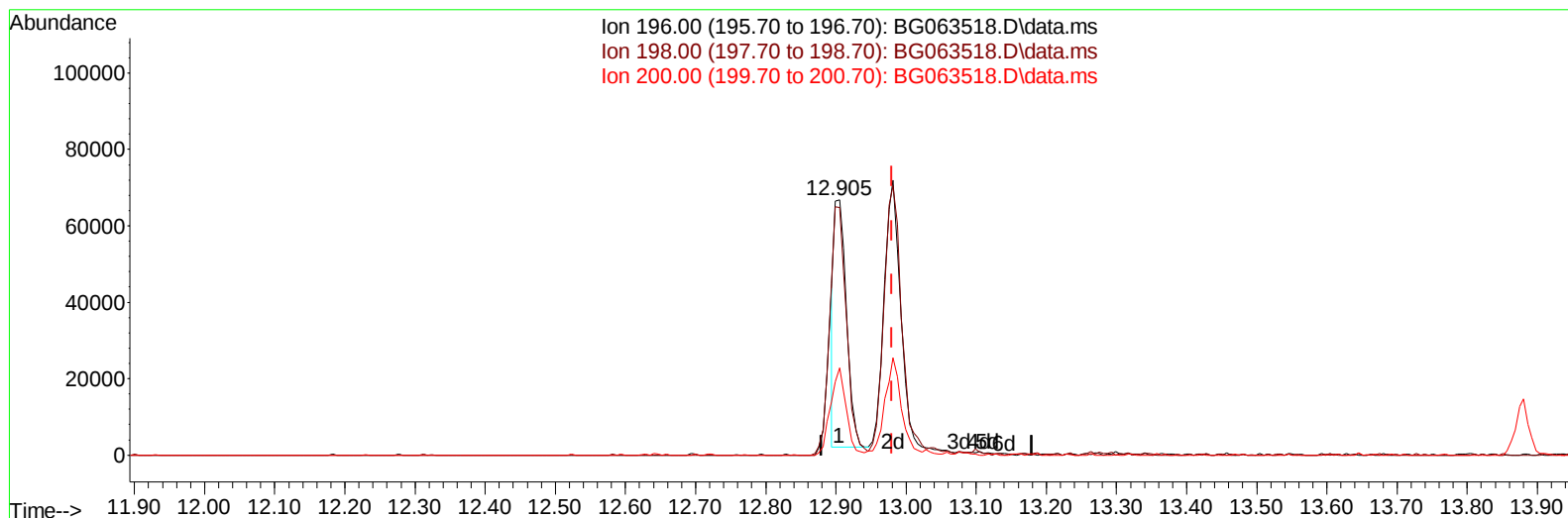
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112224\
Data File : BG063518.D
Acq On : 22 Nov 2024 13:47
Operator : RC/JU
Sample : SSTDCCC020
Misc : MDL-SOIL-ME-QT4-2024
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Nov 22 14:53:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 20 14:52:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



TIC: BG063518.D\data.ms

(42) 2,4,5-Trichlorophenol

12.905min (-0.075) 13.80 ng/u1

response 79614

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	93.50	97.08
200.00	29.40	34.06
0.00	0.00	0.00

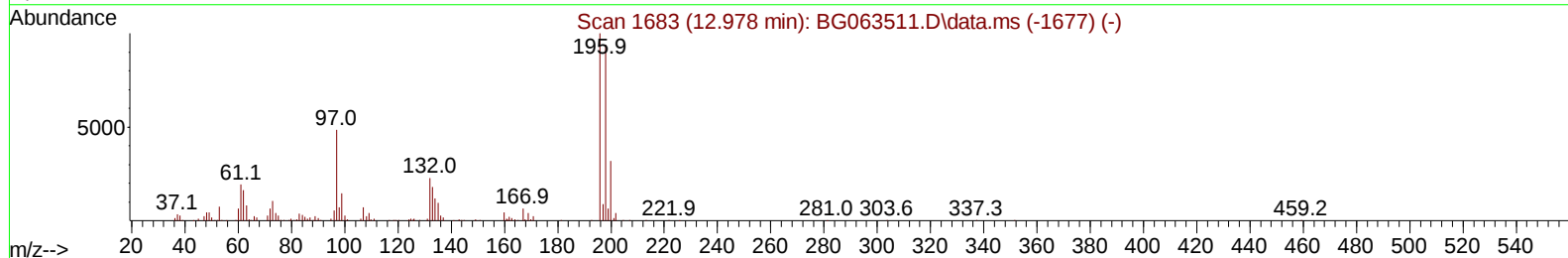
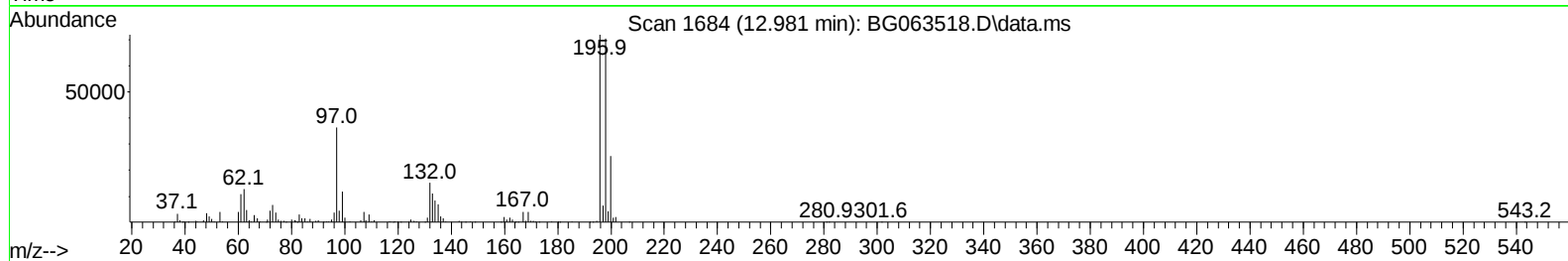
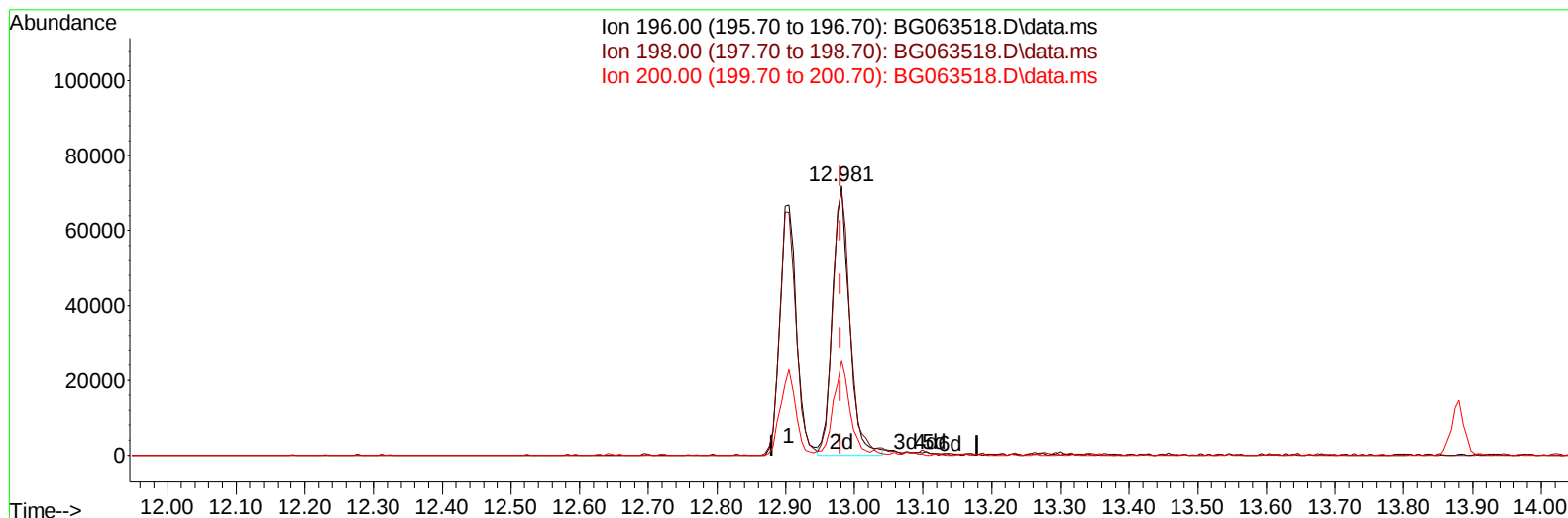
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112224\
 Data File : BG063518.D
 Acq On : 22 Nov 2024 13:47
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc : MDL-SOIL-ME-QT4-2024
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Nov 22 14:53:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 20 14:52:38 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/25/2024
 Supervised By :mohammad ahmed 11/27/2024



TIC: BG063518.D\data.ms

(42) 2,4,5-Trichlorophenol

12.981min (+ 0.002) 21.43 ng/ul m

response 123625

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	93.50	97.94
200.00	29.40	35.35#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112224\
 Data File : BG063518.D
 Acq On : 22 Nov 2024 13:47
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc : MDL-SOIL-ME-QT4-2024
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

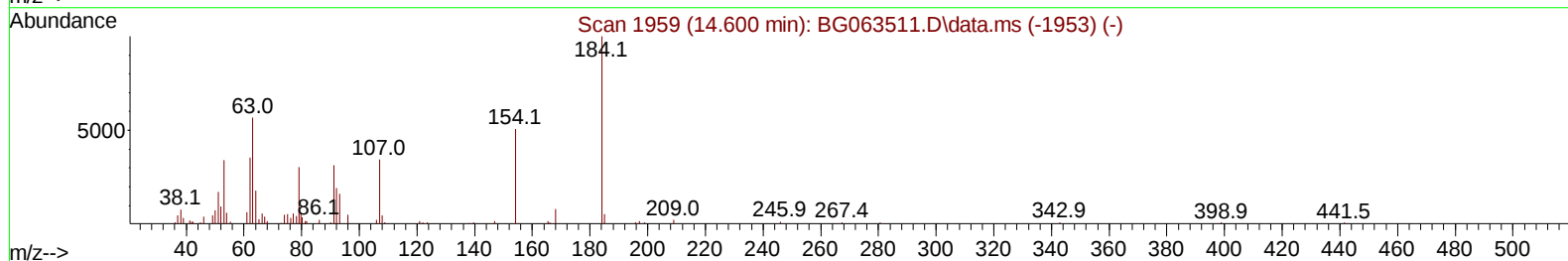
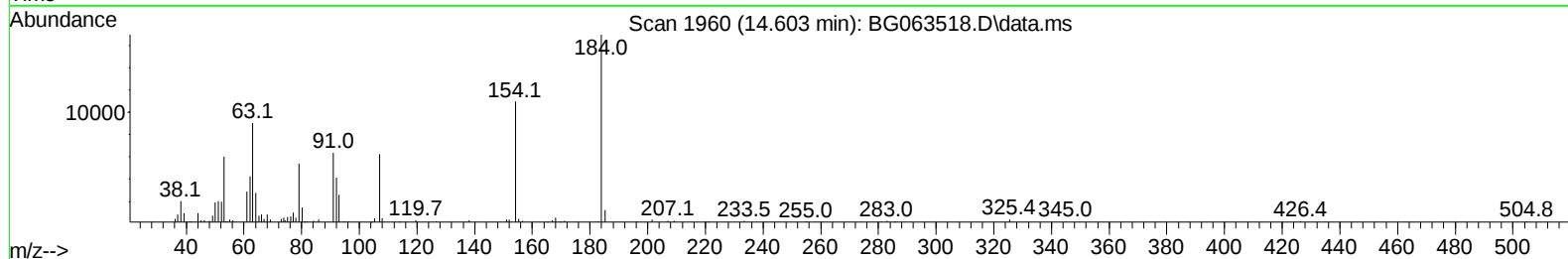
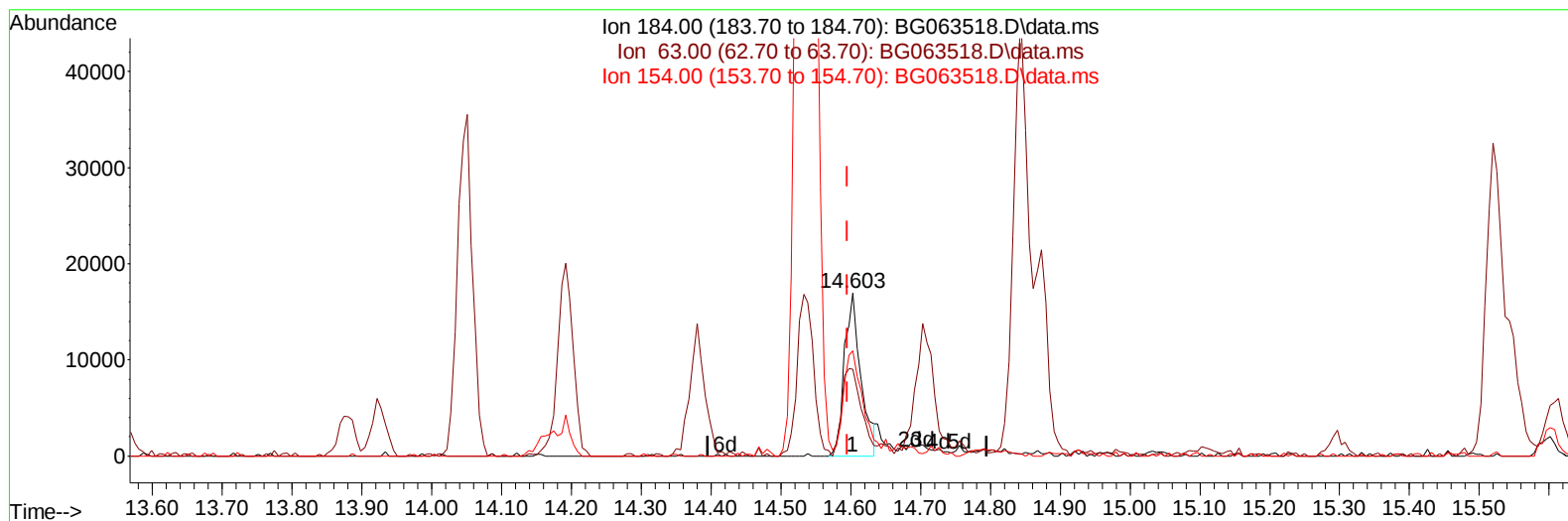
LabSampleId :

SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Nov 22 14:53:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 20 14:52:38 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/25/2024
 Supervised By :mohammad ahmed 11/27/2024



TIC: BG063518.D\data.ms

(53) 2,4-Dinitrophenol

14.603min (+ 0.008) 13.89 ng/ul

response 27746

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	68.30	53.23#
154.00	68.30	64.61
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112224\
 Data File : BG063518.D
 Acq On : 22 Nov 2024 13:47
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc : MDL-SOIL-ME-QT4-2024
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

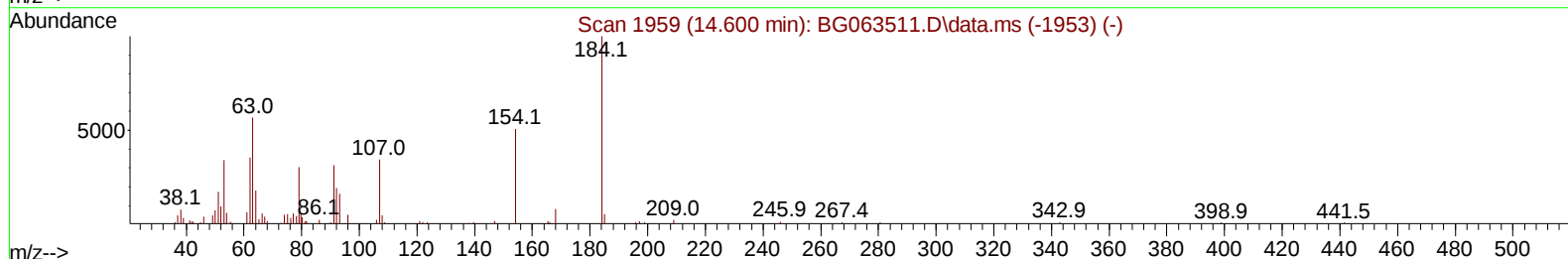
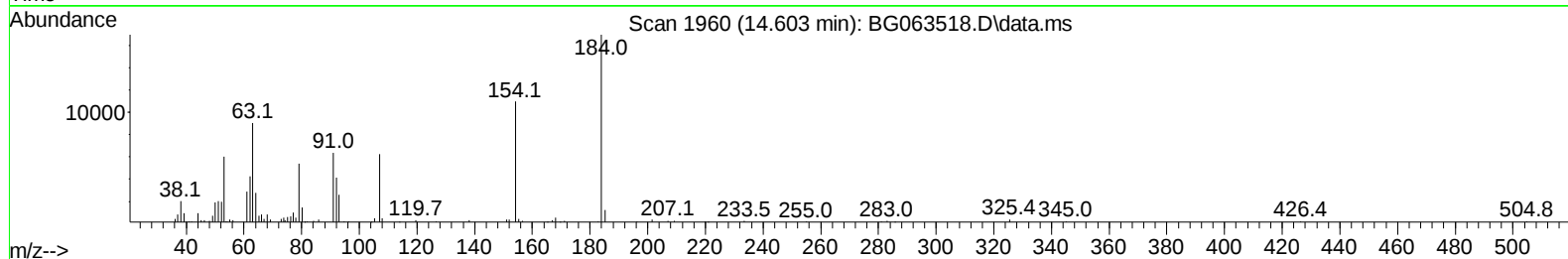
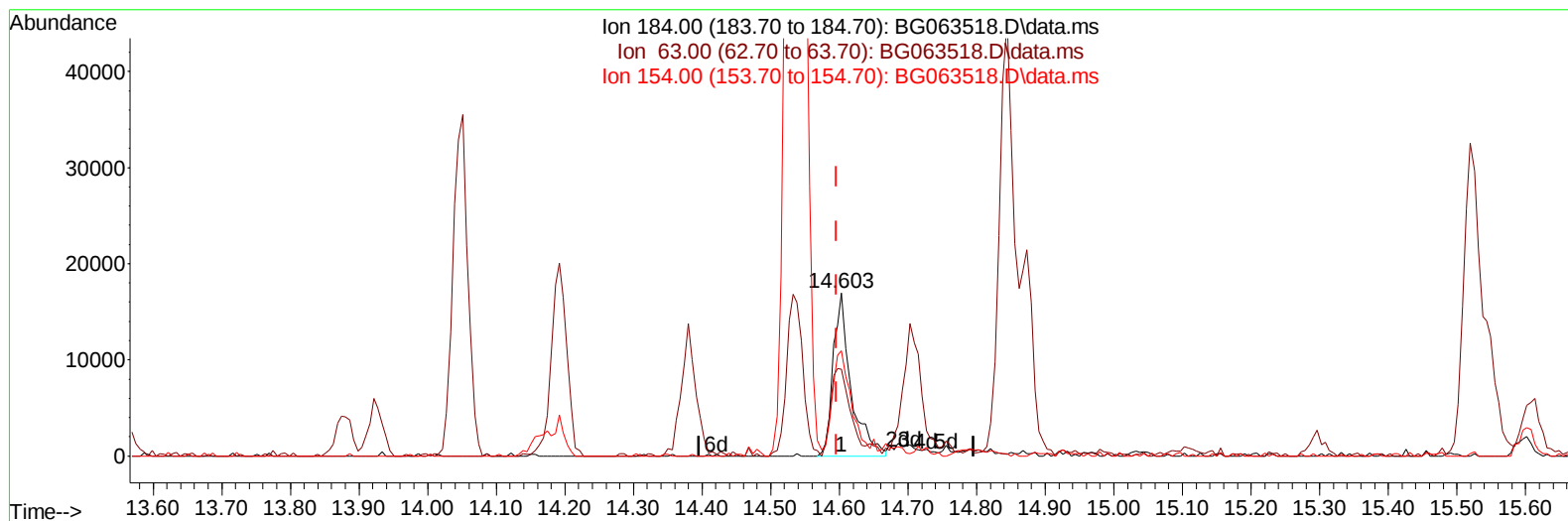
LabSampleId :

SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Nov 22 14:53:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 20 14:52:38 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/25/2024
 Supervised By :mohammad ahmed 11/27/2024



TIC: BG063518.D\data.ms

(53) 2,4-Dinitrophenol

14.603min (+ 0.008) 15.41 ng/ul m

response 30787

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	68.30	53.23#
154.00	68.30	64.61
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112224\
 Data File : BG063518.D
 Acq On : 22 Nov 2024 13:47
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc : MDL-SOIL-ME-QT4-2024
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

LabSampleId :

SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Nov 22 14:53:05 2024

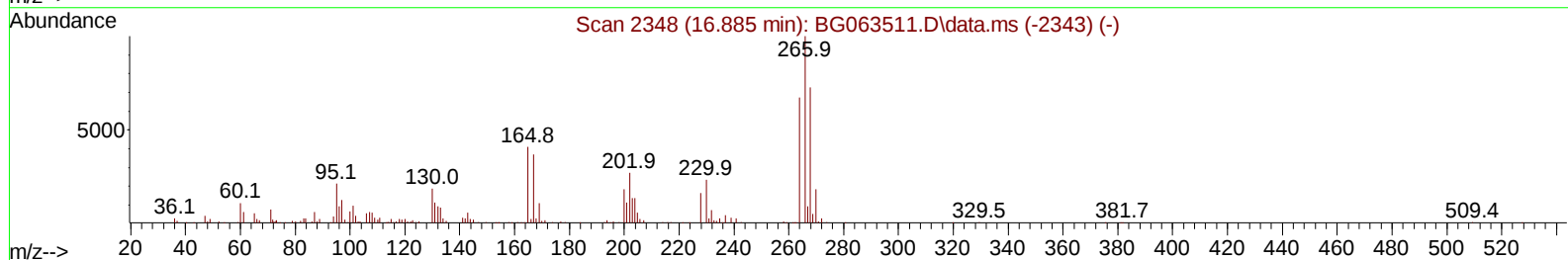
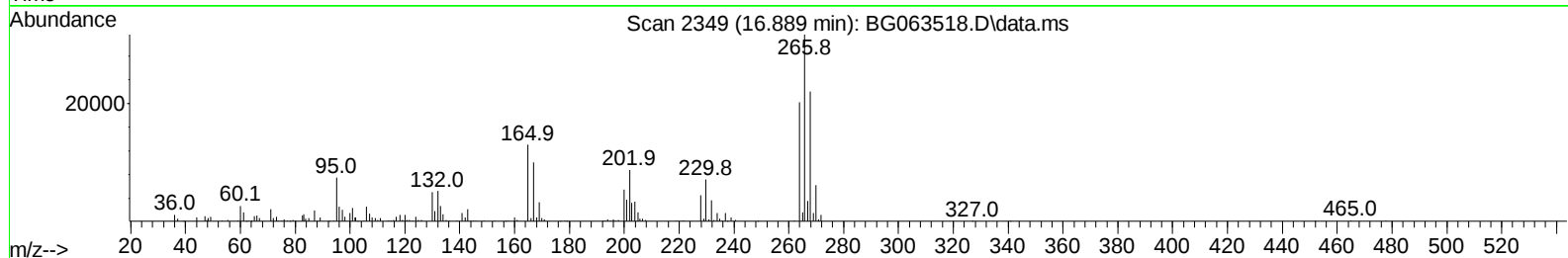
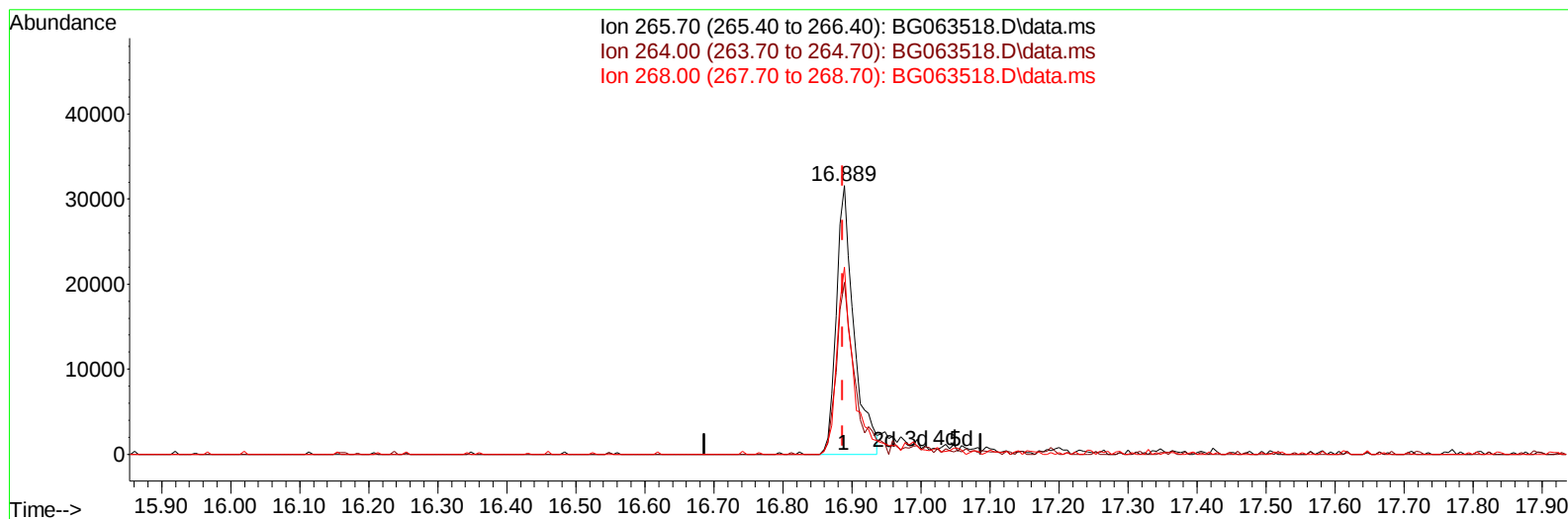
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112024.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Nov 20 14:52:38 2024

Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/25/2024
 Supervised By :mohammad ahmed 11/27/2024



TIC: BG063518.D\data.ms

(71) Pentachlorophenol (C)**16.889min (+ 0.002) 14.02 ng/u1****response 55580**

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	54.50	63.99
268.00	64.20	69.72
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112224\
 Data File : BG063518.D
 Acq On : 22 Nov 2024 13:47
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc : MDL-SOIL-ME-QT4-2024
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

LabSampleId :

SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Nov 22 14:53:05 2024

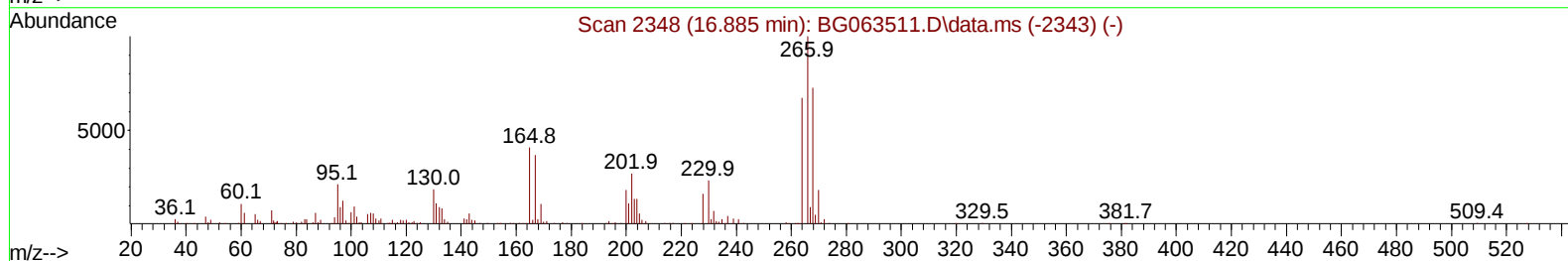
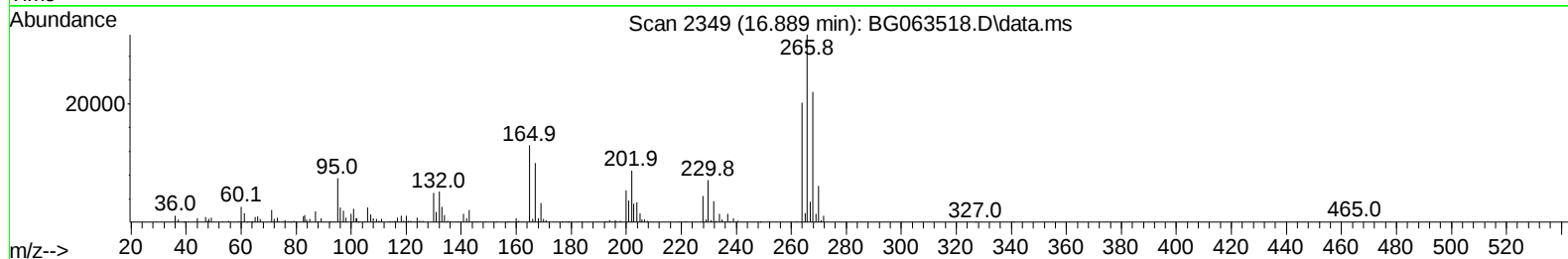
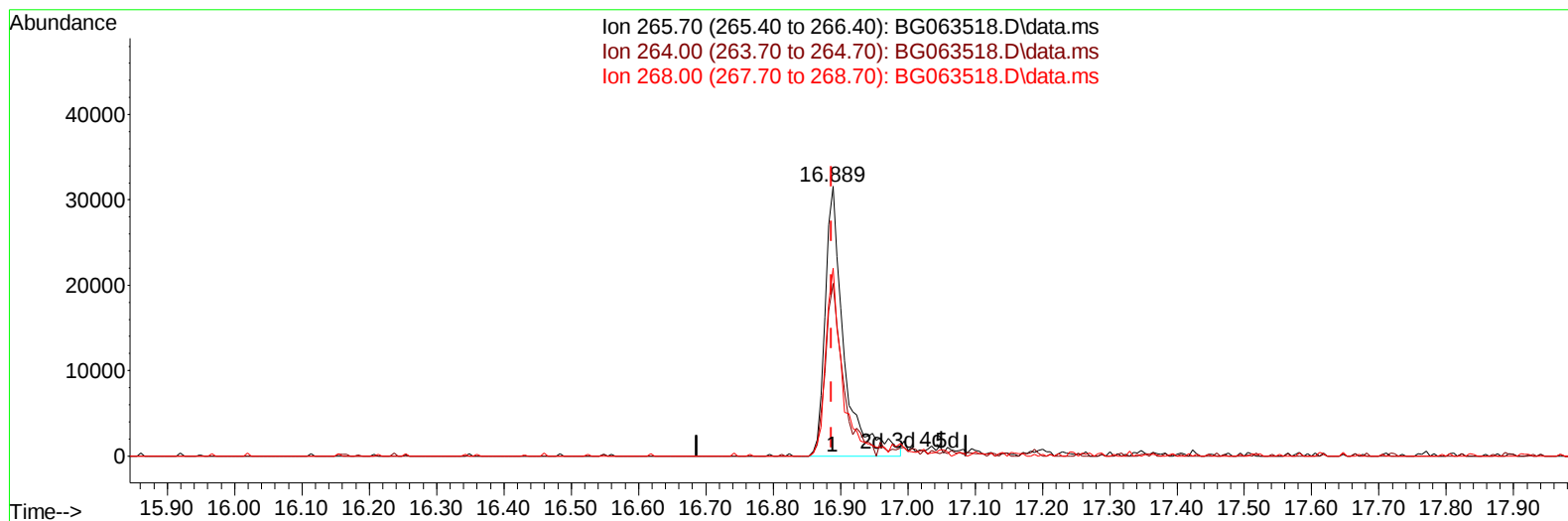
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112024.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Nov 20 14:52:38 2024

Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/25/2024
 Supervised By :mohammad ahmed 11/27/2024



TIC: BG063518.D\data.ms

(71) Pentachlorophenol (C)

16.889min (+ 0.002) 15.45 ng/ul m

response 61255

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	54.50	63.99
268.00	64.20	69.72
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112224\
 Data File : BG063518.D
 Acq On : 22 Nov 2024 13:47
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc : MDL-SOIL-ME-QT4-2024
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Nov 22 14:55:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 20 14:52:38 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/25/2024
 Supervised By :mohammad ahmed 11/27/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.829	152	90574	20.000	ng/ul	0.00
20) Naphthalene-d8	10.620	136	377966	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.474	164	289927	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.229	188	721791	20.000	ng/ul	0.00
79) Chrysene-d12	21.489	240	827621	20.000	ng/ul	0.00
88) Perylene-d12	24.533	264	909798	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	17516	7.633	ng/uL	-0.01
4) Pyridine-d5	3.698	84	132459	18.415	ng/ul	-0.01
7) Phenol-d5	7.006	99	157689	21.169	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.159	67	100192	20.970	ng/ul	0.00
11) 2-Chlorophenol-d4	7.365	132	115907	21.956	ng/ul	0.00
15) 4-Methylphenol-d8	8.540	113	125505	20.162	ng/ul	0.00
21) Nitrobenzene-d5	8.980	128	55140	20.315	ng/ul	0.00
24) 2-Nitrophenol-d4	9.709	143	66926	19.960	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.249	165	133499	20.859	ng/ul	0.00
31) 4-Chloroaniline-d4	10.761	131	165779	20.479	ng/ul	0.00
46) Dimethylphthalate-d6	13.880	166	420319	21.356	ng/ul	0.00
49) Acenaphthylene-d8	14.162	160	477330	21.267	ng/ul	0.00
54) 4-Nitrophenol-d4	14.691	143	56326	19.260	ng/ul	0.00
60) Fluorene-d10	15.473	176	378112	21.143	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.602	200	78643	19.380	ng/ul	0.00
73) Anthracene-d10	17.329	188	663073	21.145	ng/ul	0.00
81) Pyrene-d10	19.627	212	896206	21.603	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.327	264	930092	21.077	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.328	88	18935	6.988	ng/uL	89
5) Pyridine	3.722	79	141239	19.298	ng/ul	94
6) Benzaldehyde	6.971	77	109140	25.597	ng/ul	92
8) Phenol	7.035	94	171406	21.102	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.253	93	122871	20.957	ng/ul	92
12) 2-Chlorophenol	7.400	128	119876	21.274	ng/ul	92
13) 2-Methylphenol	8.275	108	121299	20.070	ng/ul	89
14) 2,2'-oxybis(1-Chloropr...	8.346	45	177079	20.617	ng/ul	96
16) Acetophenone	8.645	105	202447	20.588	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.628	70	118822	21.622	ng/ul	94
18) 4-Methylphenol	8.604	108	134300	20.260	ng/ul	94
19) Hexachloroethane	8.904	117	51783	21.279	ng/ul	94
22) Nitrobenzene	9.027	77	172392	20.703	ng/ul	95
23) Isophorone	9.544	82	311886	20.512	ng/ul	100
25) 2-Nitrophenol	9.738	139	70880	21.306	ng/ul	97
26) 2,4-Dimethylphenol	9.803	107	147778	20.607	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.032	93	174702	20.756	ng/ul	92
29) 2,4-Dichlorophenol	10.273	162	130791	20.917	ng/ul	97
30) Naphthalene	10.672	128	419310	21.702	ng/ul	95
32) 4-Chloroaniline	10.784	127	159572	20.629	ng/ul	100
33) Hexachlorobutadiene	10.954	225	114812	20.585	ng/ul	97
34) Caprolactam	11.524	113	40586m	19.258	ng/ul	
35) 4-Chloro-3-methylphenol	11.918	107	134118	21.075	ng/ul	92

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112224\
 Data File : BG063518.D
 Acq On : 22 Nov 2024 13:47
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc : MDL-SOIL-ME-QT4-2024
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Nov 22 14:55:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 20 14:52:38 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/25/2024
 Supervised By :mohammad ahmed 11/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.282	142	293586	21.407	ng/ul	99
37) 1-Methylnaphthalene	12.506	142	297467	20.658	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.658	216	211732	20.782	ng/ul	98
40) Hexachlorocyclopentadiene	12.635	237	72769	16.745	ng/ul#	92
41) 2,4,6-Trichlorophenol	12.905	196	112055	20.044	ng/ul	96
42) 2,4,5-Trichlorophenol	12.981	196	123625m	21.428	ng/ul	
43) 1,1'-Biphenyl	13.299	154	407041	21.154	ng/ul	98
44) 2-Chloronaphthalene	13.340	162	310547	20.540	ng/ul	95
45) 2-Nitroaniline	13.551	65	99981	20.981	ng/ul	96
47) Dimethylphthalate	13.927	163	408338	21.294	ng/ul	98
48) 2,6-Dinitrotoluene	14.051	165	84096	21.616	ng/ul	94
50) Acenaphthylene	14.192	152	486170	21.547	ng/ul	97
51) 3-Nitroaniline	14.380	138	81956	23.001	ng/ul	90
52) Acenaphthene	14.538	153	346477	21.261	ng/ul	97
53) 2,4-Dinitrophenol	14.603	184	30787m	15.413	ng/ul	
55) 4-Nitrophenol	14.703	109	60045	17.668	ng/ul	97
56) Dibenzofuran	14.873	168	502973	21.512	ng/ul	95
57) 2,4-Dinitrotoluene	14.844	165	126723	21.286	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.108	232	109852	20.037	ng/ul#	92
59) Diethylphthalate	15.296	149	412155	21.278	ng/ul	97
61) Fluorene	15.526	166	422422	21.224	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.520	204	254854	21.459	ng/ul	100
63) 4-Nitroaniline	15.549	138	84867	23.265	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.614	198	87112	20.090	ng/ul#	93
67) N-Nitrosodiphenylamine	15.731	169	361161	21.075	ng/ul	93
68) 4-Bromophenyl-phenylether	16.413	248	167001	20.649	ng/ul	96
69) Hexachlorobenzene	16.536	284	175650	20.715	ng/ul#	90
70) Atrazine	16.689	200	177365	21.422	ng/ul	98
71) Pentachlorophenol	16.889	266	61255m	15.448	ng/ul	
72) Phenanthrene	17.271	178	734375	21.343	ng/ul	97
74) Anthracene	17.359	178	742084	21.121	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.269	216	214980	20.469	ng/ul	93
76) Pentachlorobenzene	14.797	250	208760	20.129	ng/ul	93
77) Carbazole	17.635	167	645648	22.148	ng/ul	98
78) Di-n-butylphthalate	18.199	149	724096	21.667	ng/ul	99
80) Fluoranthene	19.292	202	990787	21.599	ng/ul	99
82) Pyrene	19.656	202	1061674	21.599	ng/ul	97
83) Butylbenzylphthalate	20.555	149	340074	21.319	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.389	252	408414	22.973	ng/ul	100
85) Benzo(a)anthracene	21.472	228	1178090	22.014	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.389	149	499048	21.525	ng/ul	99
87) Chrysene	21.536	228	1094533	21.874	ng/ul	99
89) Di-n-octyl phthalate	22.535	149	884026	21.899	ng/ul	100
90) Benzo(b)fluoranthene	23.569	252	1196581	21.906	ng/ul	98
91) Benzo(k)fluoranthene	23.634	252	1163570	21.228	ng/ul	98
93) Benzo(a)pyrene	24.392	252	1083015	21.184	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.964	276	1328800	20.956	ng/ul	97
95) Dibenzo(a,h)anthracene	28.017	278	1095640	21.135	ng/ul	96
96) Benzo(g,h,i)perylene	29.039	276	1014195	21.094	ng/ul	99

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

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024

