

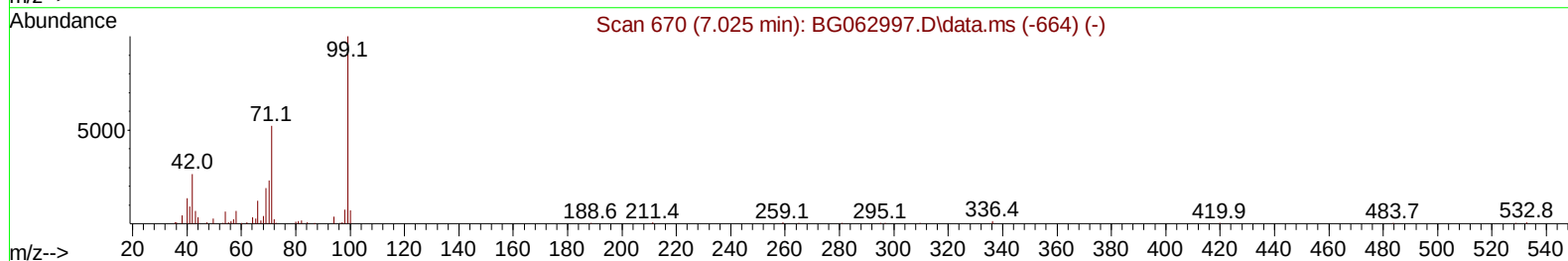
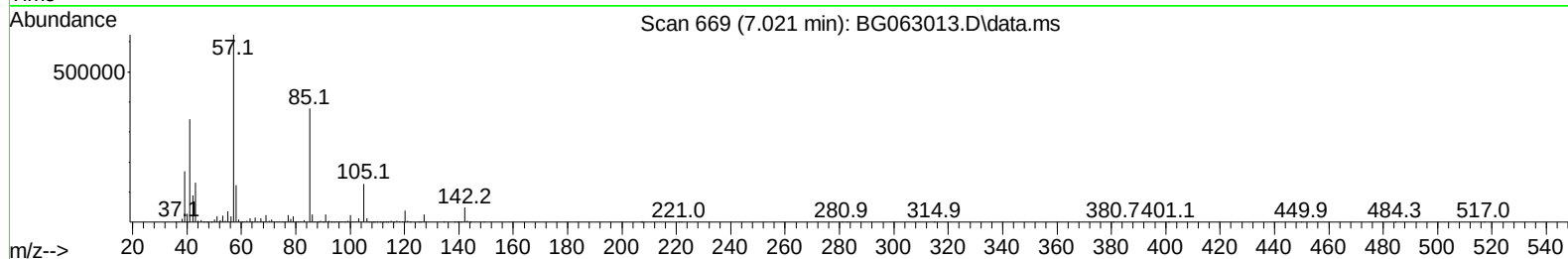
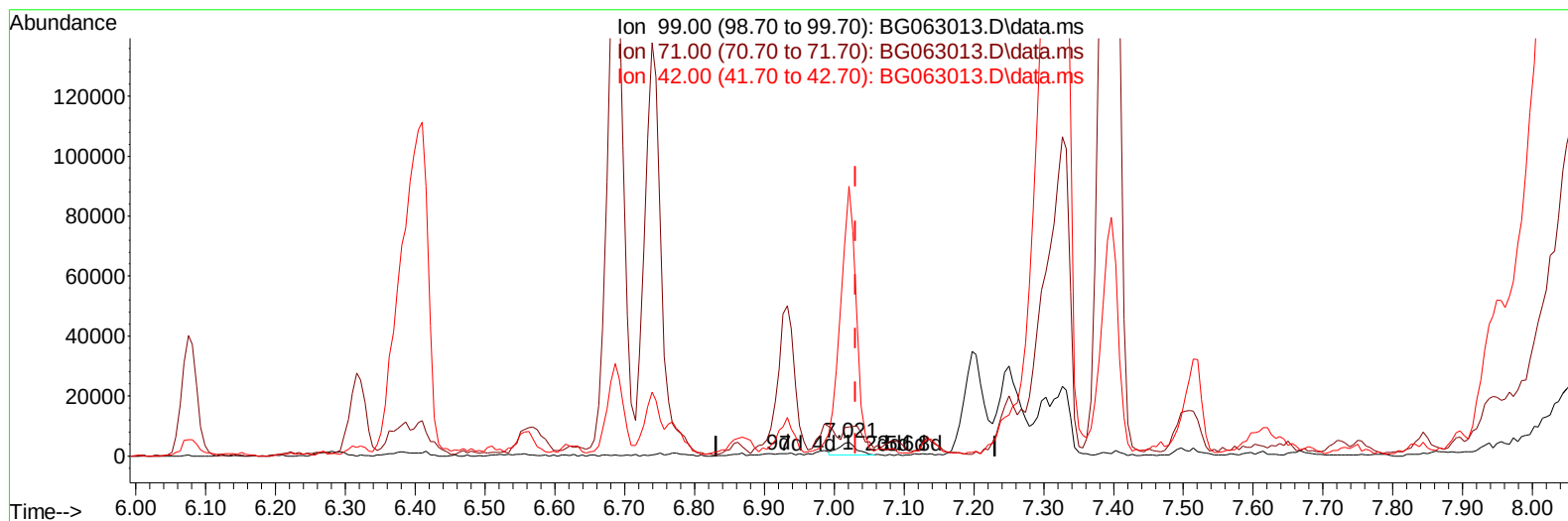
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063013.D
Acq On : 24 Sep 2024 5:00
Operator : RC/JU
Sample : P3879-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCJ4

Manual IntegrationsAPPROVED

Quant Time: Sep 24 06:00:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



TIC: BG063013.D\data.ms

(7) Phenol-d5 (S)

7.021min (-0.010) 2.39 ng/u1

response 7358

Ion	Exp%	Act%
99.00	100.00	100.00
71.00	39.50	210.09#
42.00	20.50	1938.40#
0.00	0.00	0.00

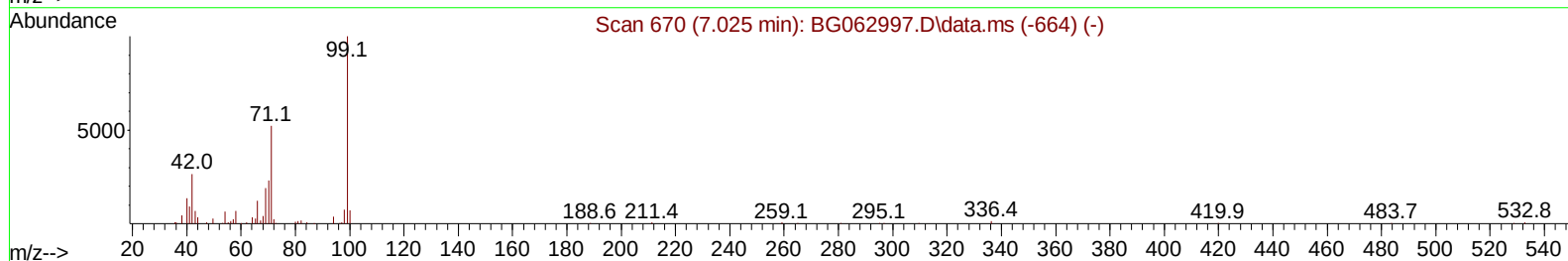
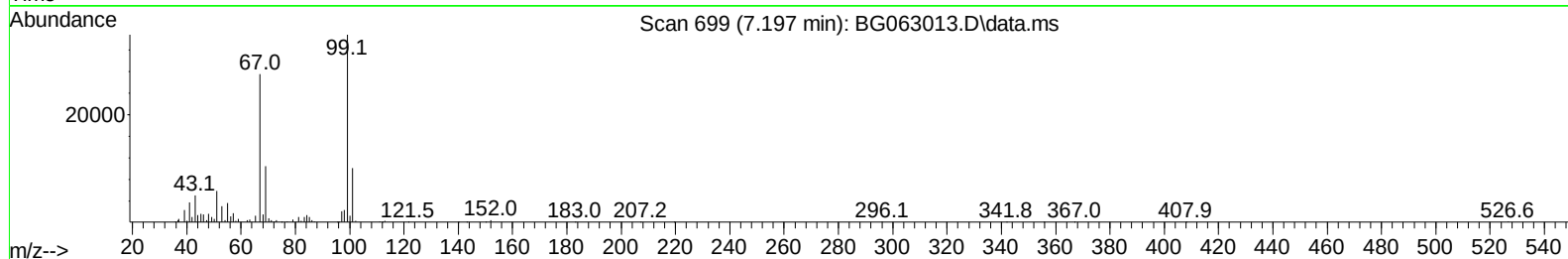
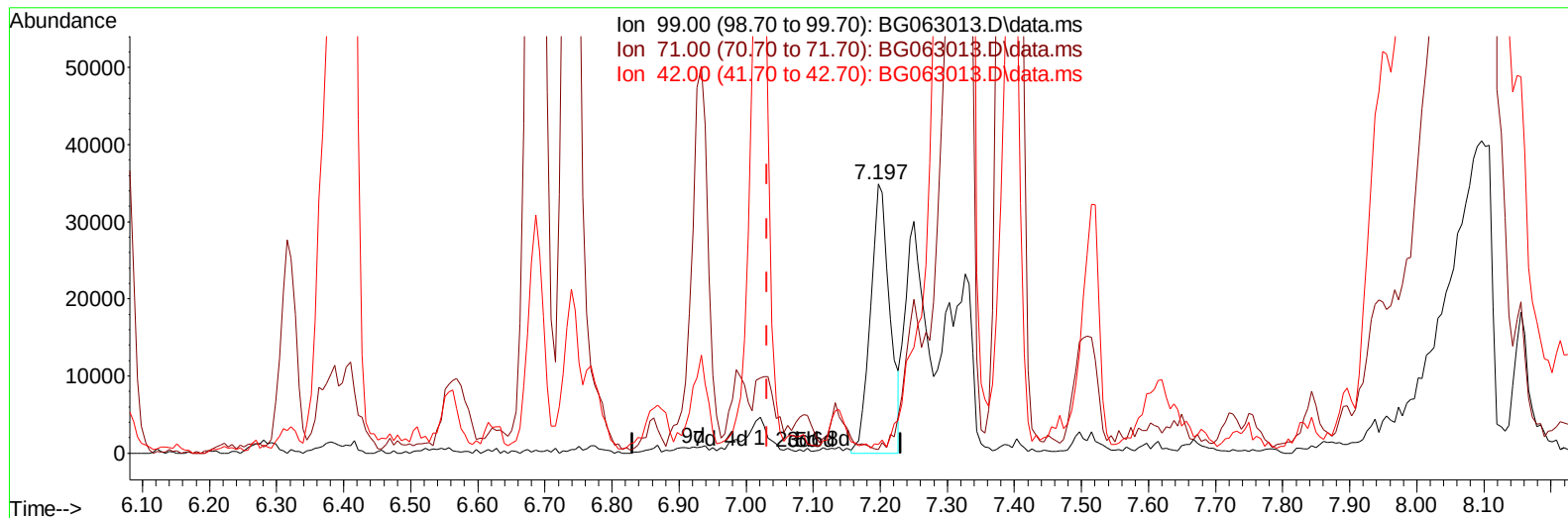
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063013.D
Acq On : 24 Sep 2024 5:00
Operator : RC/JU
Sample : P3879-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCJ4

Manual IntegrationsAPPROVED

Quant Time: Sep 24 06:00:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



TIC: BG063013.D\data.ms

(7) Phenol-d5 (S)

7.197min (+ 0.166) 22.65 ng/ul m

response 69685

Ion	Exp%	Act%
99.00	100.00	100.00
71.00	39.50	1.41#
42.00	20.50	3.24#
0.00	0.00	0.00

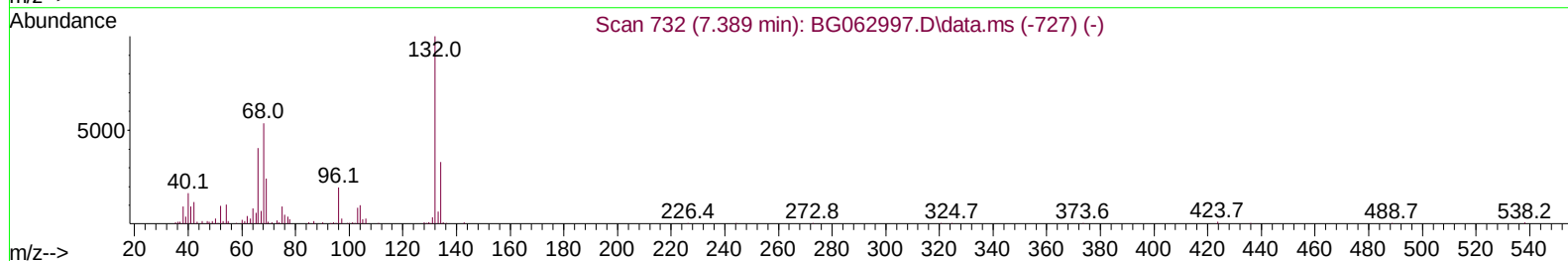
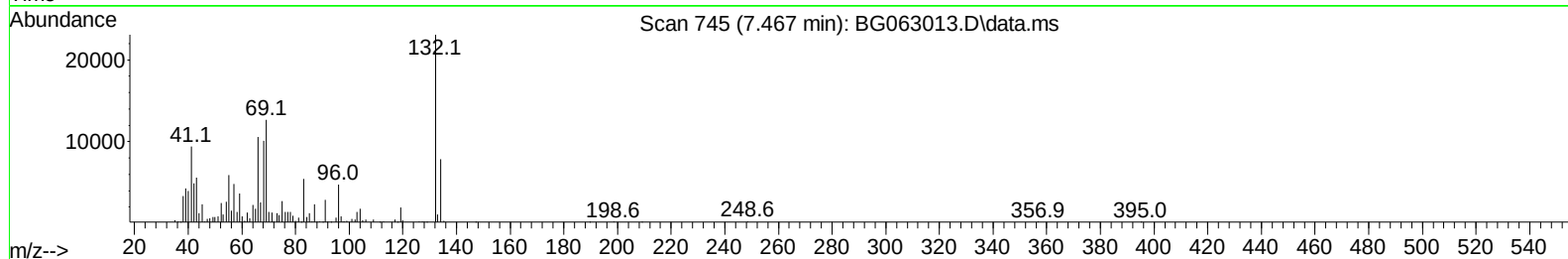
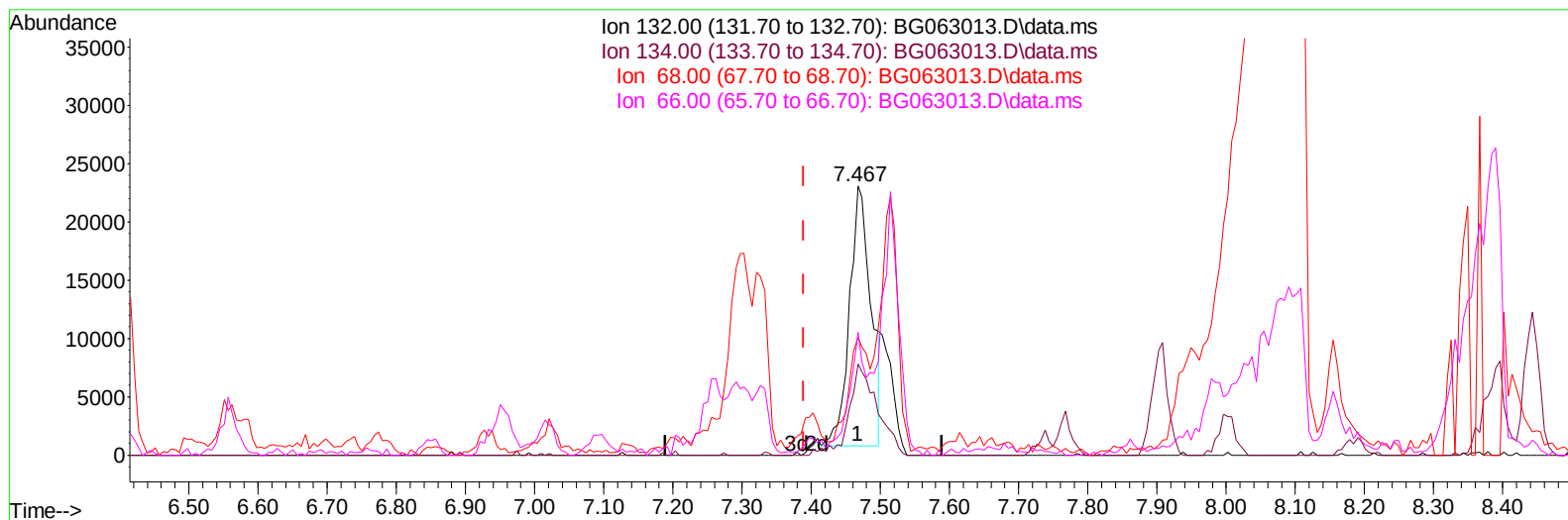
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063013.D
Acq On : 24 Sep 2024 5:00
Operator : RC/JU
Sample : P3879-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCJ4

Manual IntegrationsAPPROVED

Quant Time: Sep 24 05:40:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



TIC: BG063013.D\data.ms

(11) 2-Chlorophenol-d4 (S)

7.467min (+ 0.078) 23.67 ng/u1

response 47818

Ion	Exp%	Act%
132.00	100.00	100.00
134.00	32.40	33.86
68.00	46.00	43.86
66.00	39.40	45.72

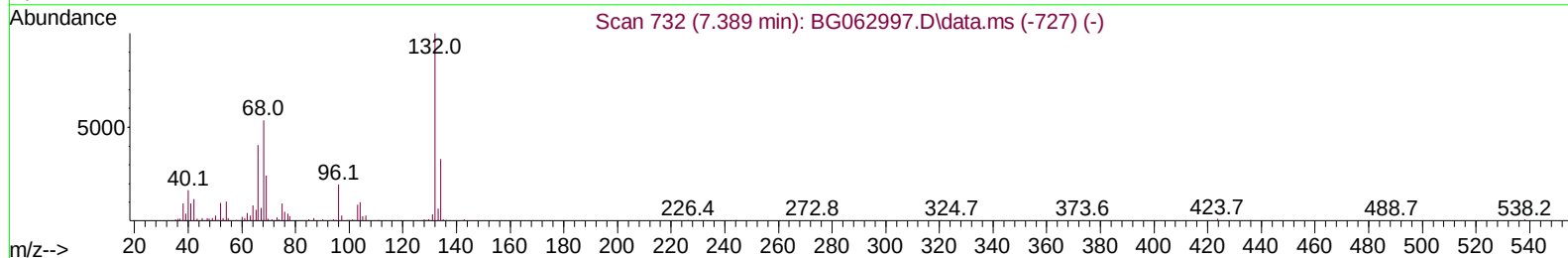
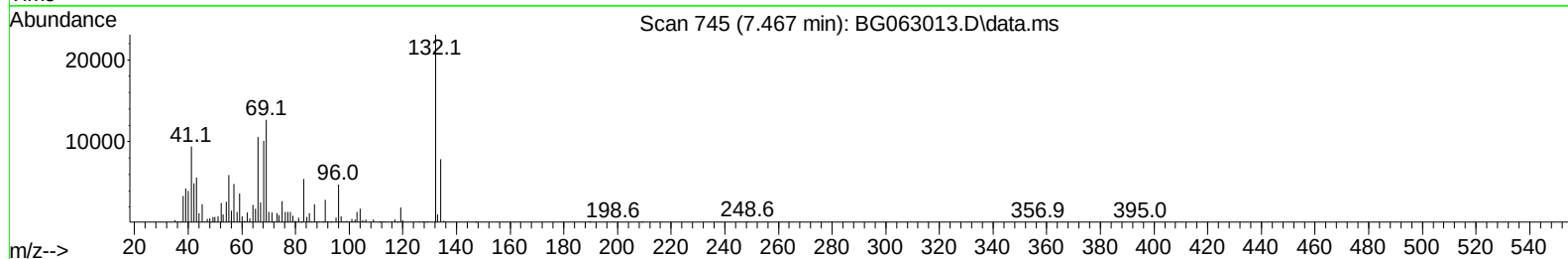
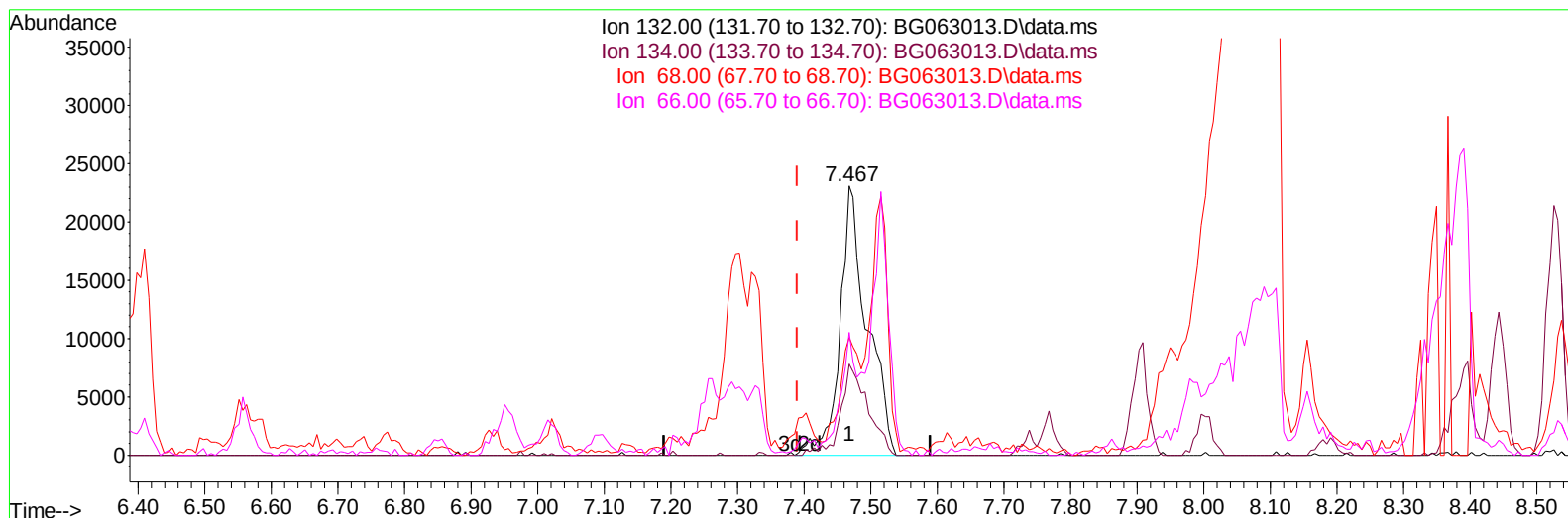
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063013.D
Acq On : 24 Sep 2024 5:00
Operator : RC/JU
Sample : P3879-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCJ4

Manual IntegrationsAPPROVED

Quant Time: Sep 24 05:40:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



TIC: BG063013.D\data.ms

(11) 2-Chlorophenol-d4 (S)

7.467min (+ 0.078) 32.47 ng/ul m

response 65596

Ion	Exp%	Act%
132.00	100.00	100.00
134.00	32.40	33.86
68.00	46.00	43.86
66.00	39.40	45.72

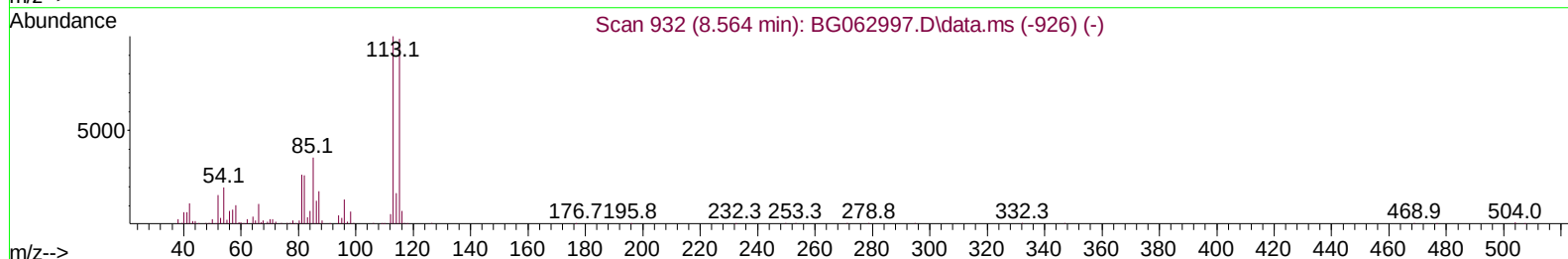
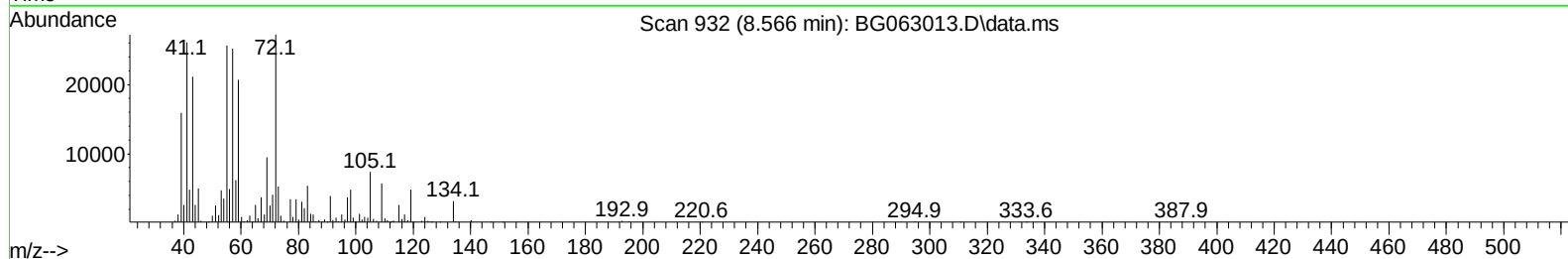
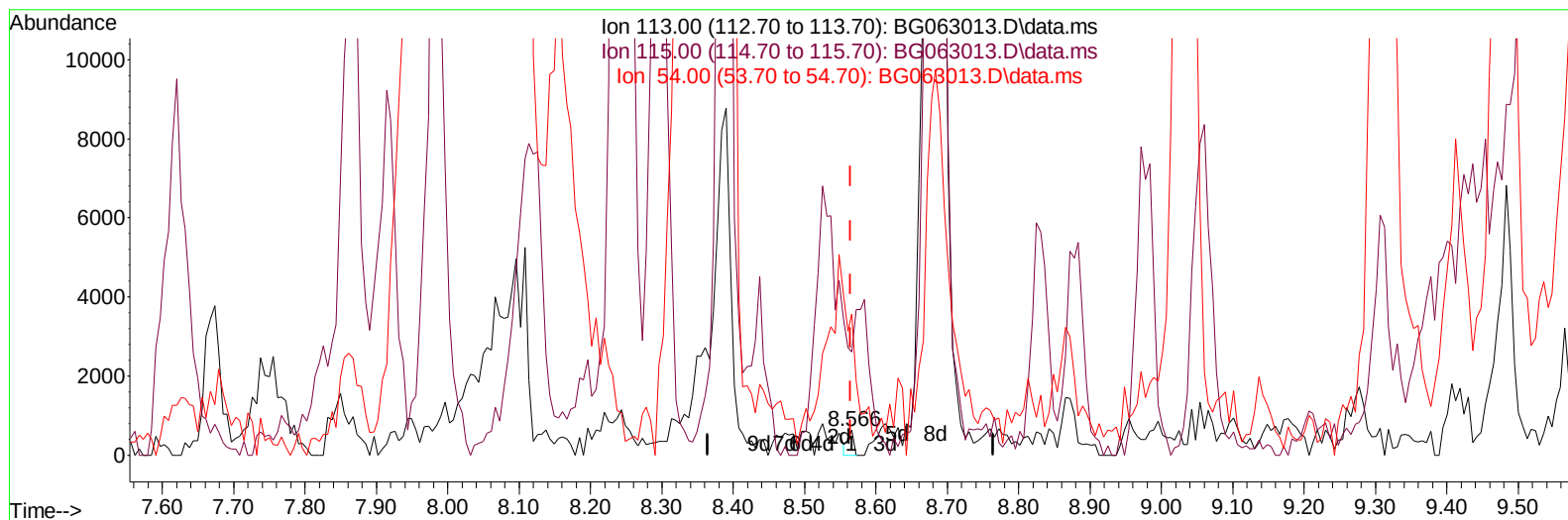
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063013.D
Acq On : 24 Sep 2024 5:00
Operator : RC/JU
Sample : P3879-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCJ4

Manual IntegrationsAPPROVED

Quant Time: Sep 24 05:50:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024
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TIC: BG063013.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.566min (+ 0.002) 0.16 ng/u1

response 352

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	99.00	415.13#
54.00	17.30	567.83#
0.00	0.00	0.00

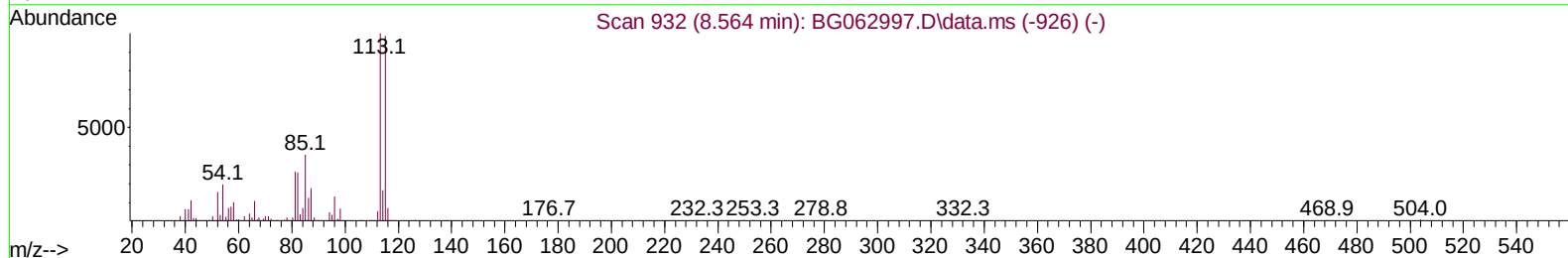
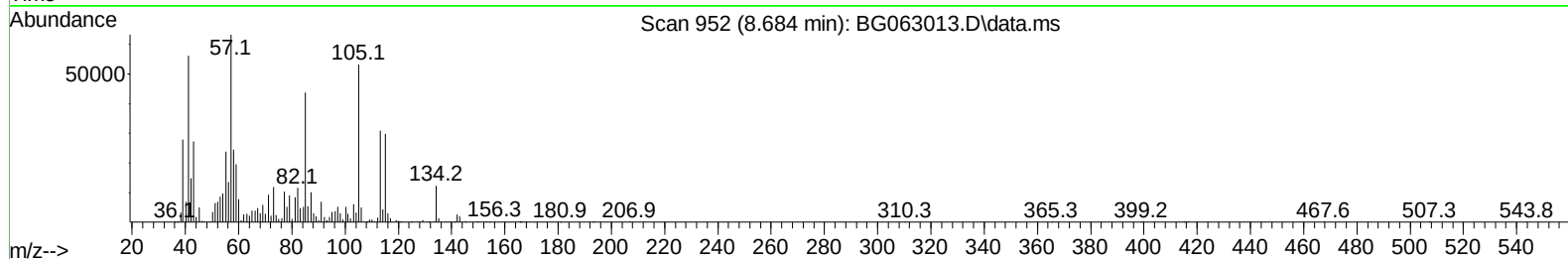
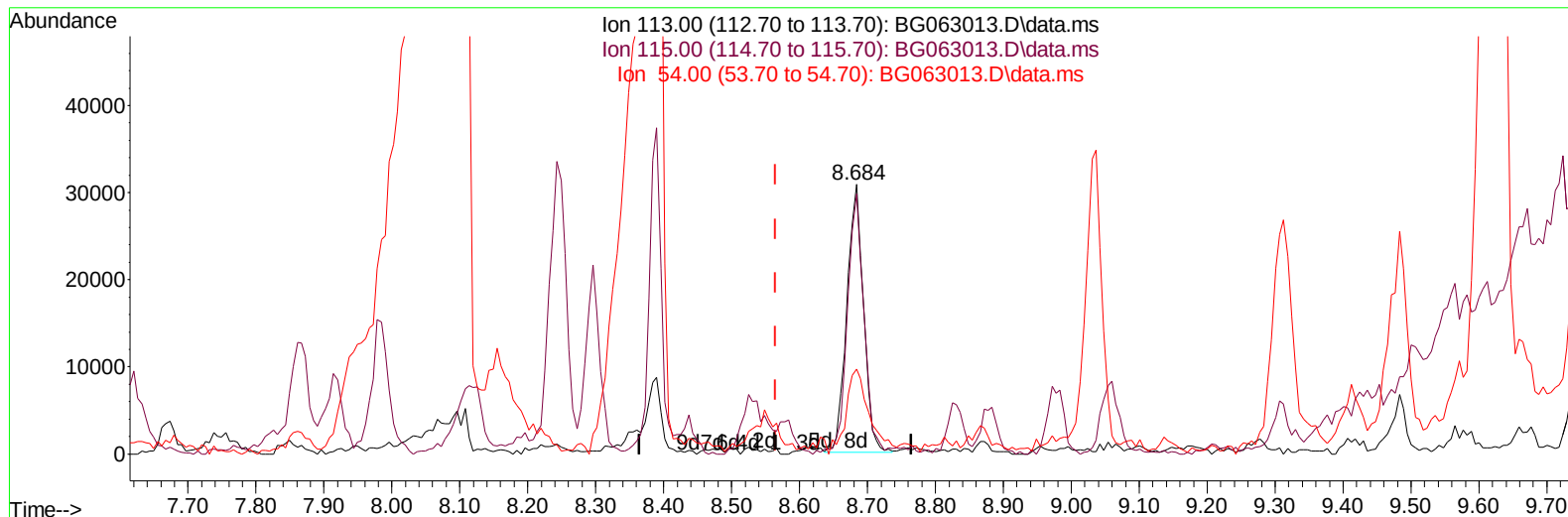
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063013.D
Acq On : 24 Sep 2024 5:00
Operator : RC/JU
Sample : P3879-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCJ4

Manual IntegrationsAPPROVED

Quant Time: Sep 24 05:50:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



TIC: BG063013.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.684min (+ 0.119) 23.31 ng/ul m

response 52531

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	99.00	96.61
54.00	17.30	31.50#
0.00	0.00	0.00

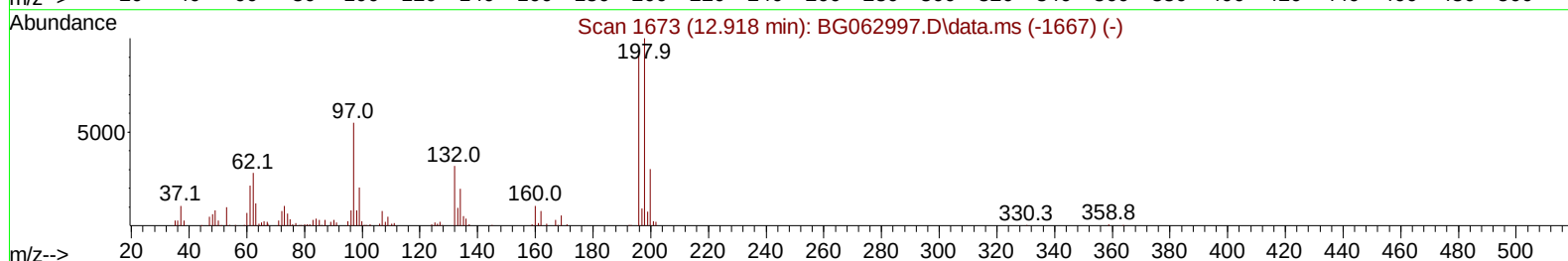
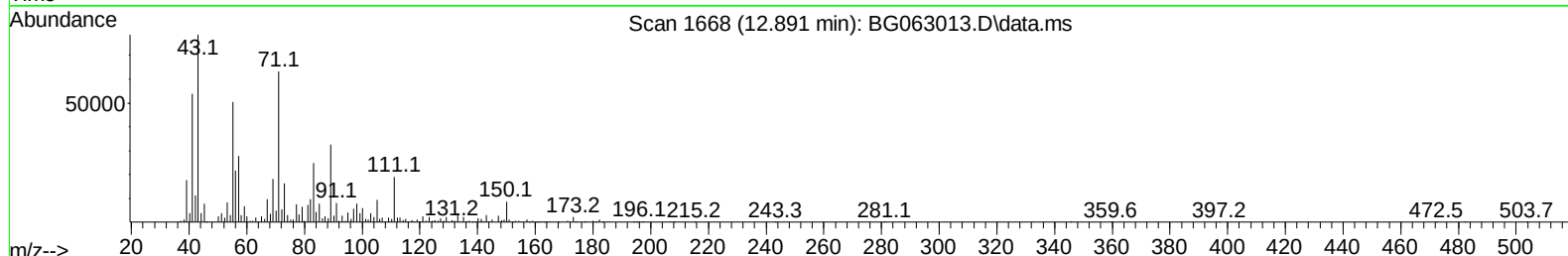
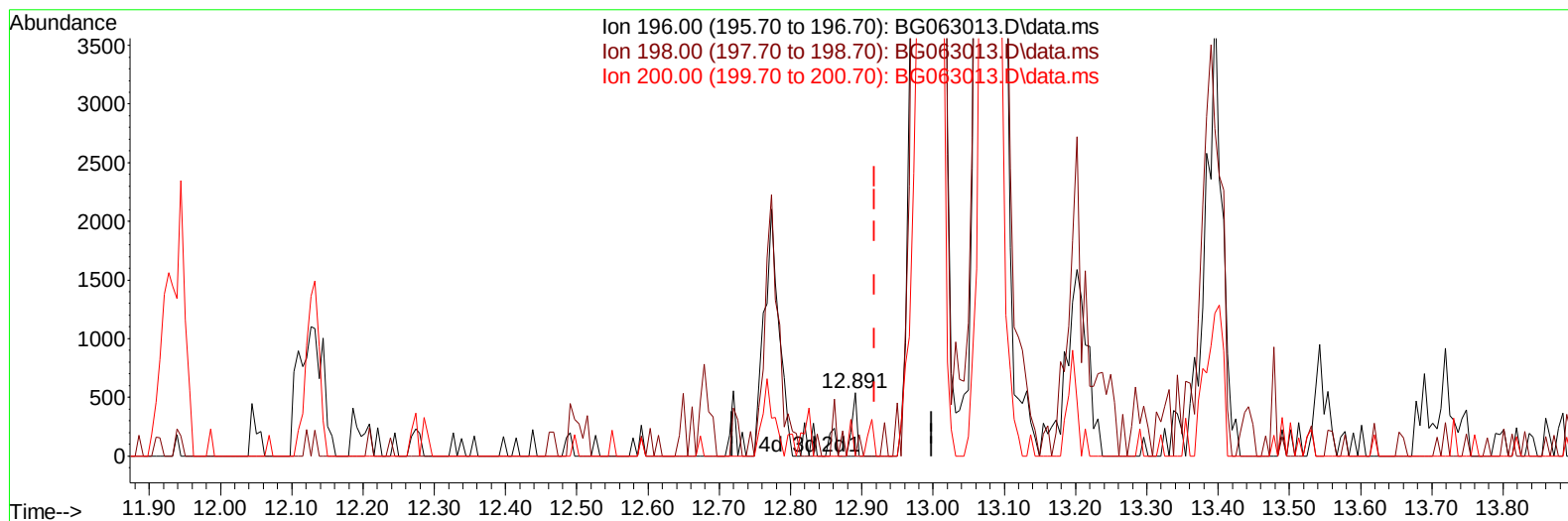
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063013.D
Acq On : 24 Sep 2024 5:00
Operator : RC/JU
Sample : P3879-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCJ4

Manual IntegrationsAPPROVED

Quant Time: Sep 24 06:09:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



TIC: BG063013.D\data.ms

(41) 2,4,6-Trichlorophenol (C)

12.891min (-0.028) 0.20 ng/ul

response 261

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	102.20	0.00#
200.00	38.10	0.00#
0.00	0.00	0.00

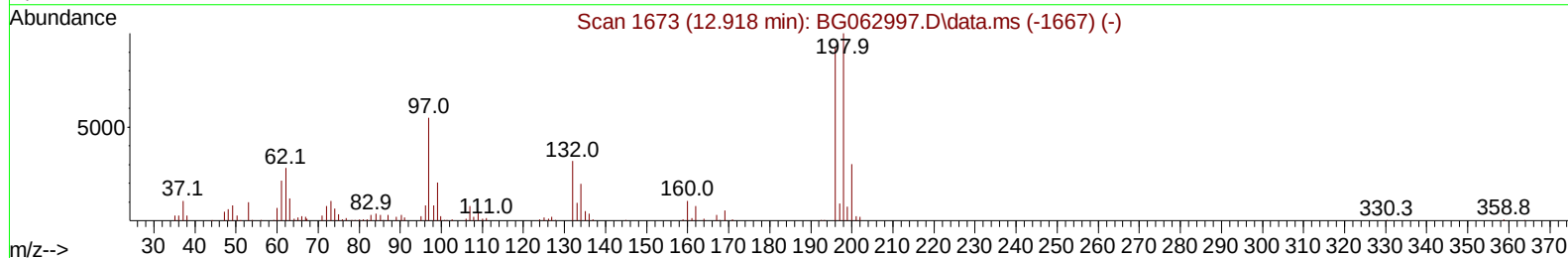
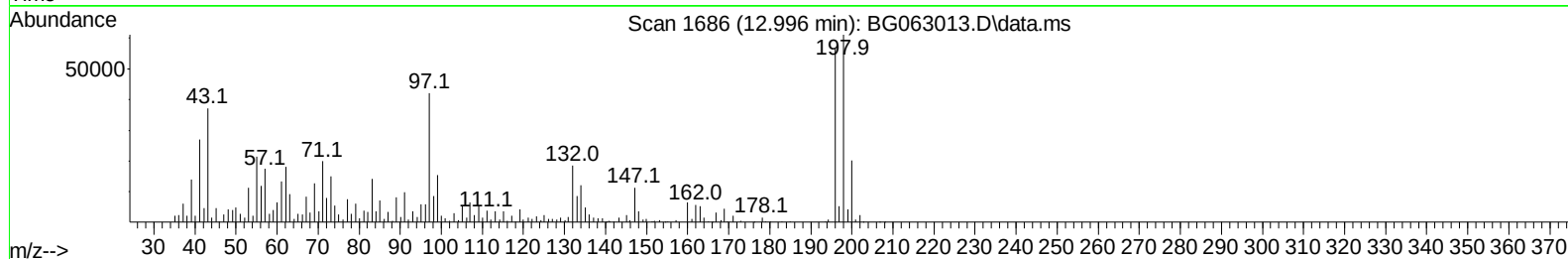
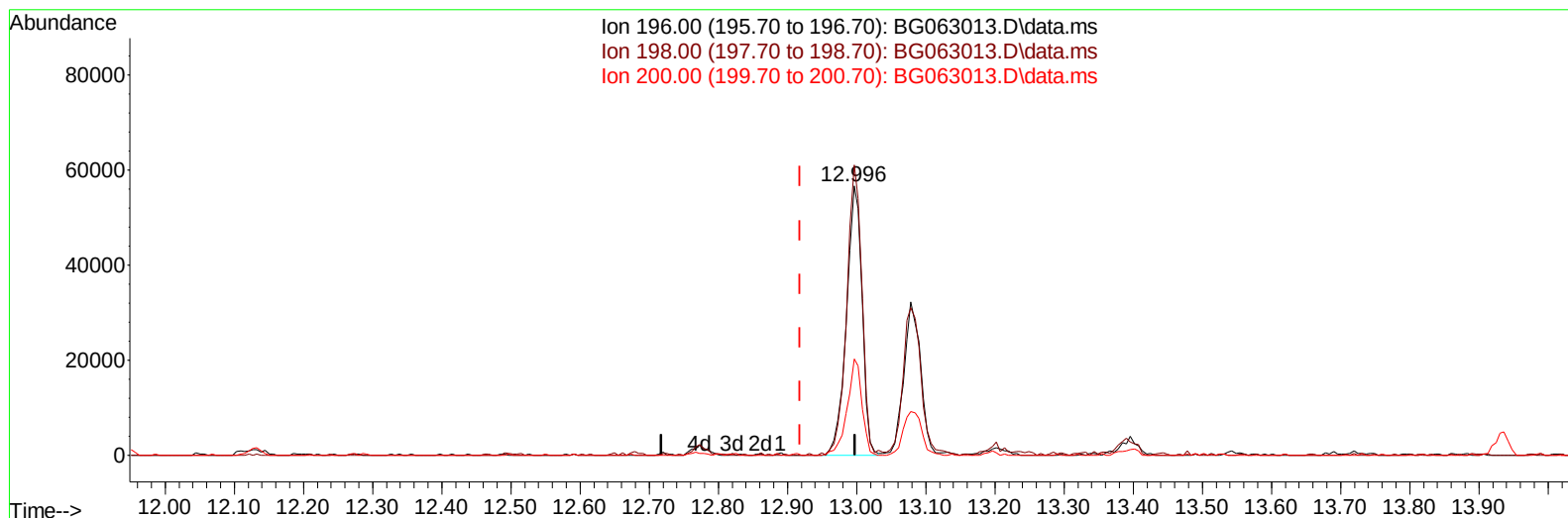
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063013.D
Acq On : 24 Sep 2024 5:00
Operator : RC/JU
Sample : P3879-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCJ4

Manual IntegrationsAPPROVED

Quant Time: Sep 24 06:09:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



TIC: BG063013.D\data.ms

(41) 2,4,6-Trichlorophenol (C)

12.996min (+ 0.078) 68.02 ng/ul m

response 88617

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	102.20	107.93
200.00	38.10	35.68
0.00	0.00	0.00

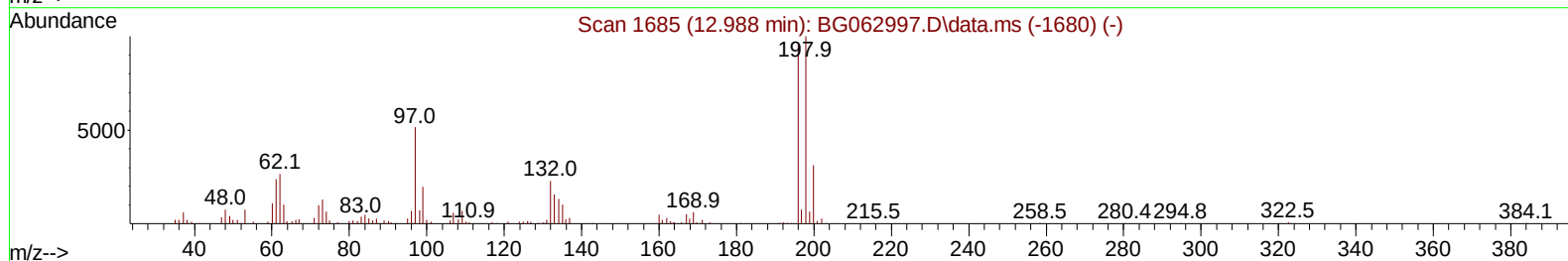
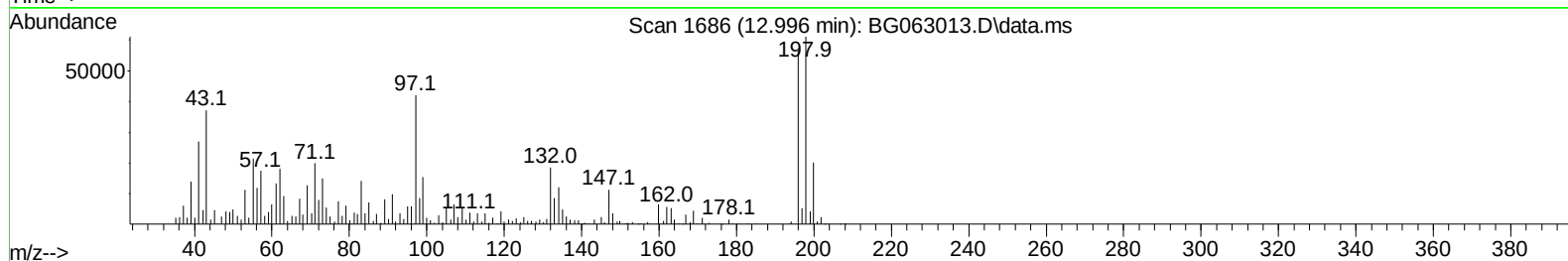
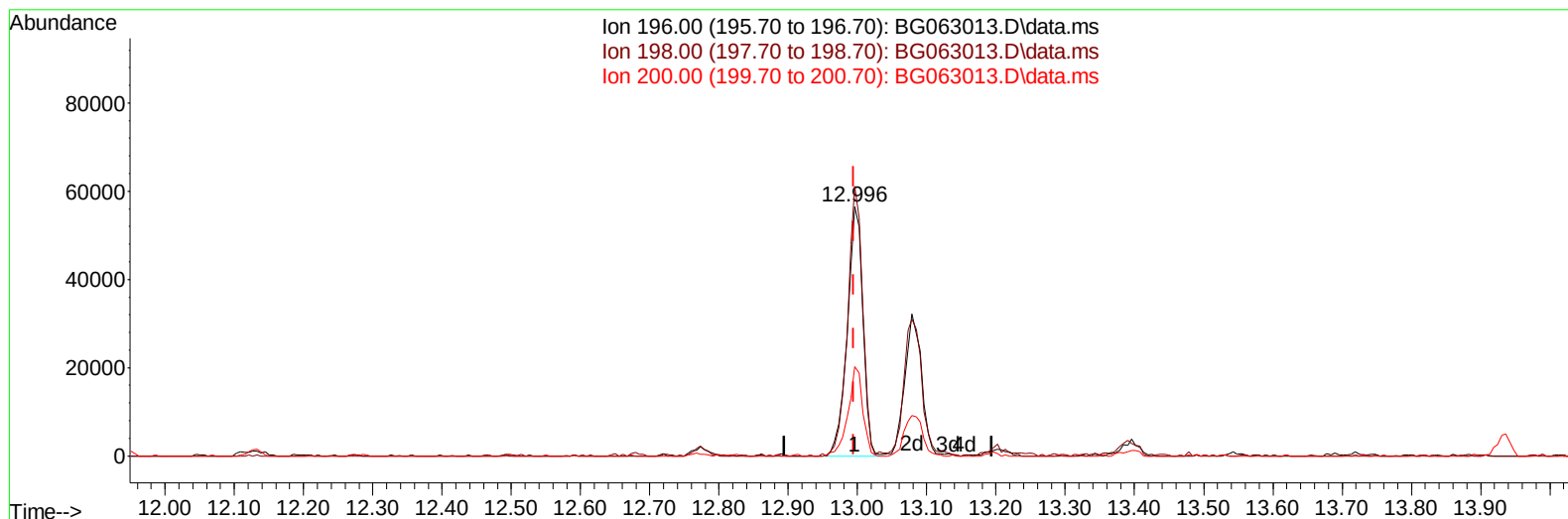
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063013.D
Acq On : 24 Sep 2024 5:00
Operator : RC/JU
Sample : P3879-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCJ4

Manual IntegrationsAPPROVED

Quant Time: Sep 24 06:09:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
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TIC: BG063013.D\data.ms

(42) 2,4,5-Trichlorophenol

12.996min (+ 0.002) 64.75 ng/ul

response 88617

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	94.40	107.93
200.00	31.90	35.68
0.00	0.00	0.00

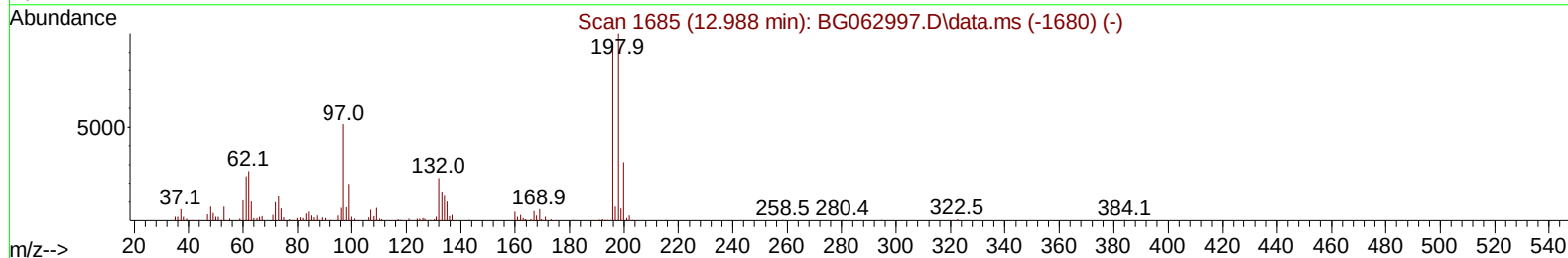
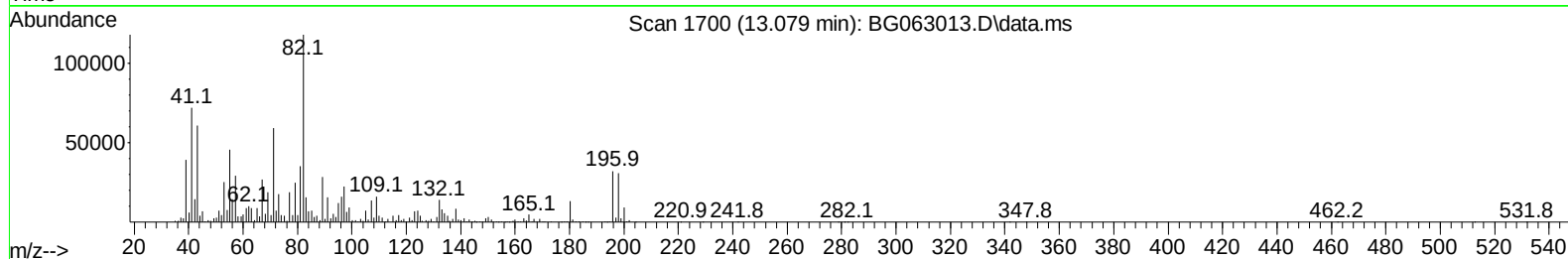
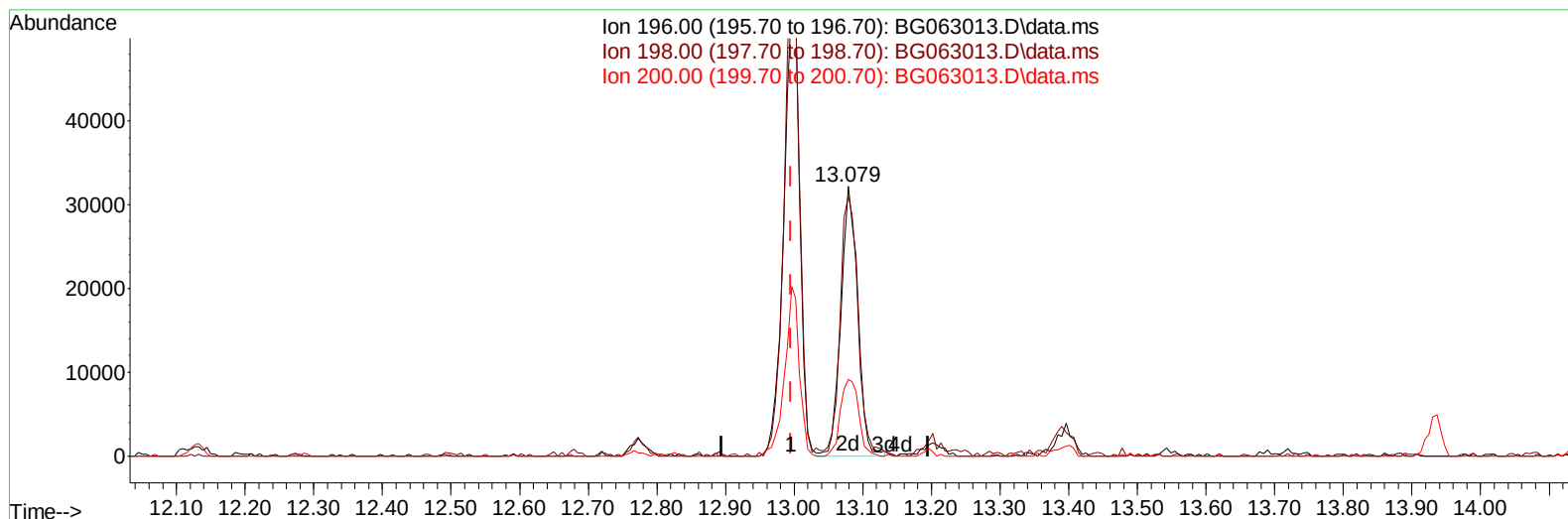
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Data File : BG063013.D
Acq On : 24 Sep 2024 5:00
Operator : RC/JU
Sample : P3879-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCJ4

Manual IntegrationsAPPROVED

Quant Time: Sep 24 06:09:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



TIC: BG063013.D\data.ms

(42) 2,4,5-Trichlorophenol

13.079min (+ 0.084) 40.08 ng/ul m

response 54855

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	94.40	96.54
200.00	31.90	28.46
0.00	0.00	0.00

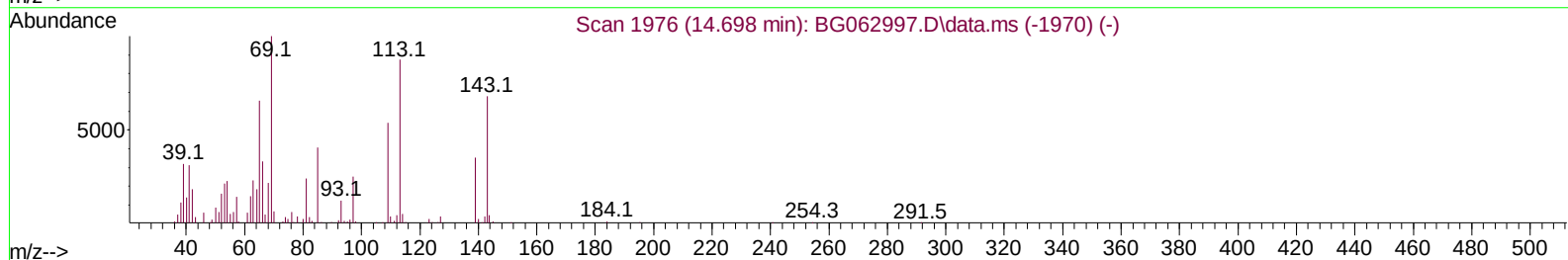
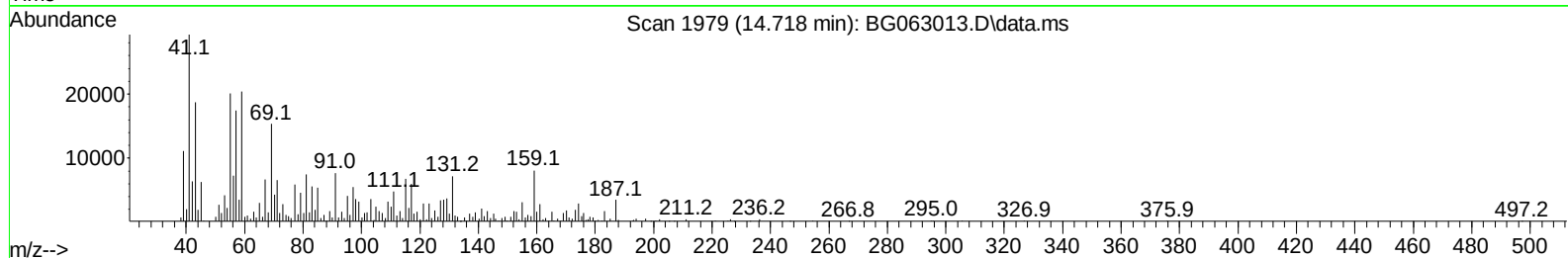
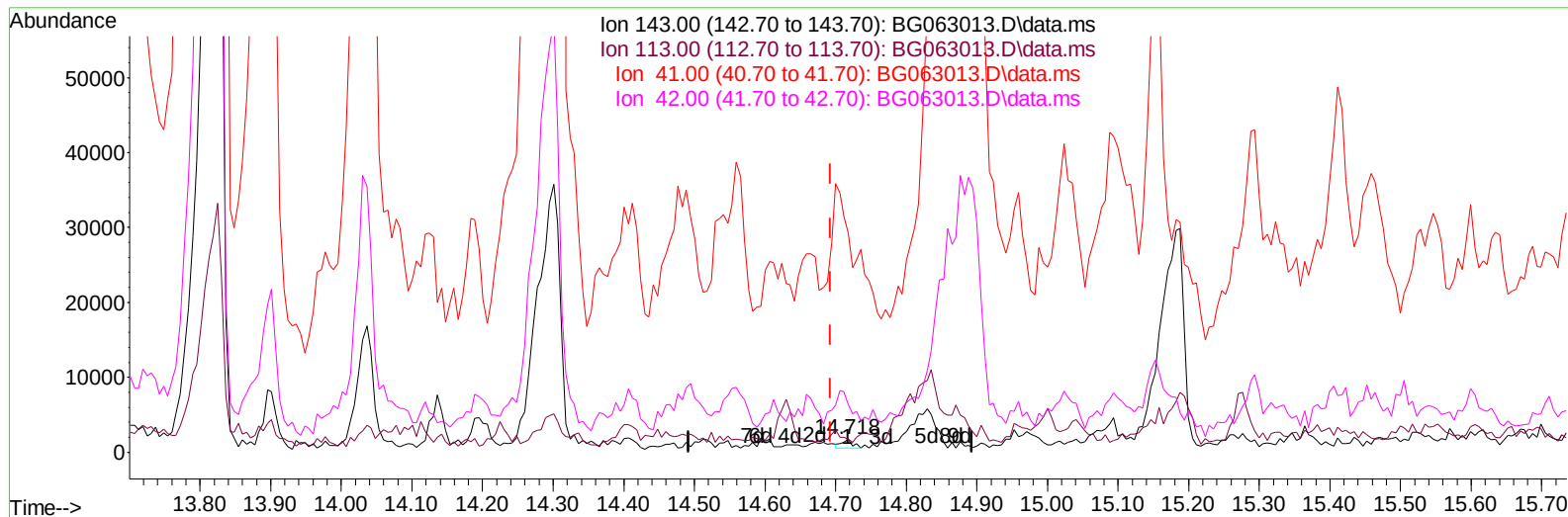
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063013.D
Acq On : 24 Sep 2024 5:00
Operator : RC/JU
Sample : P3879-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCJ4

Manual IntegrationsAPPROVED

Quant Time: Sep 24 05:50:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



TIC: BG063013.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.718min (+ 0.025) 1.78 ng/u1

response 1248

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	101.50	99.21
41.00	49.70	1656.56#
42.00	34.20	359.28#

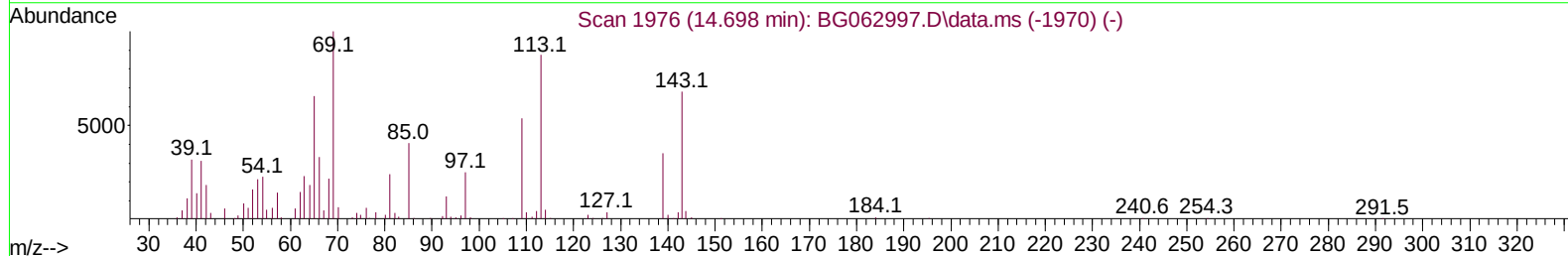
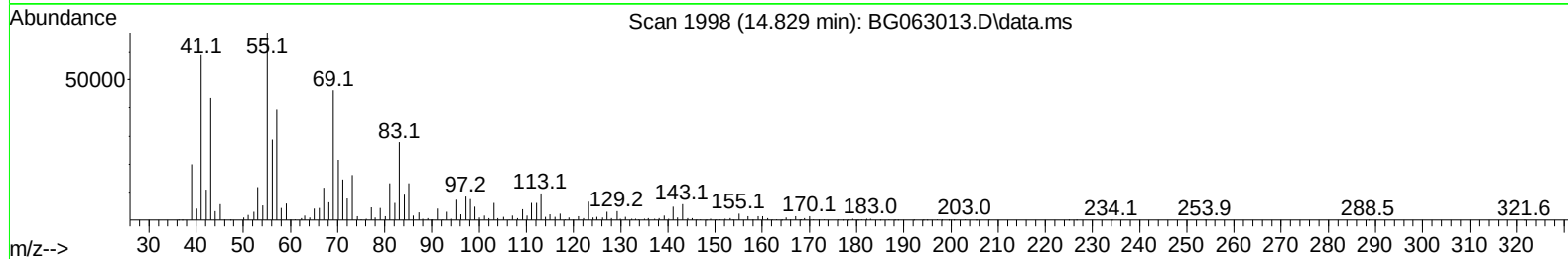
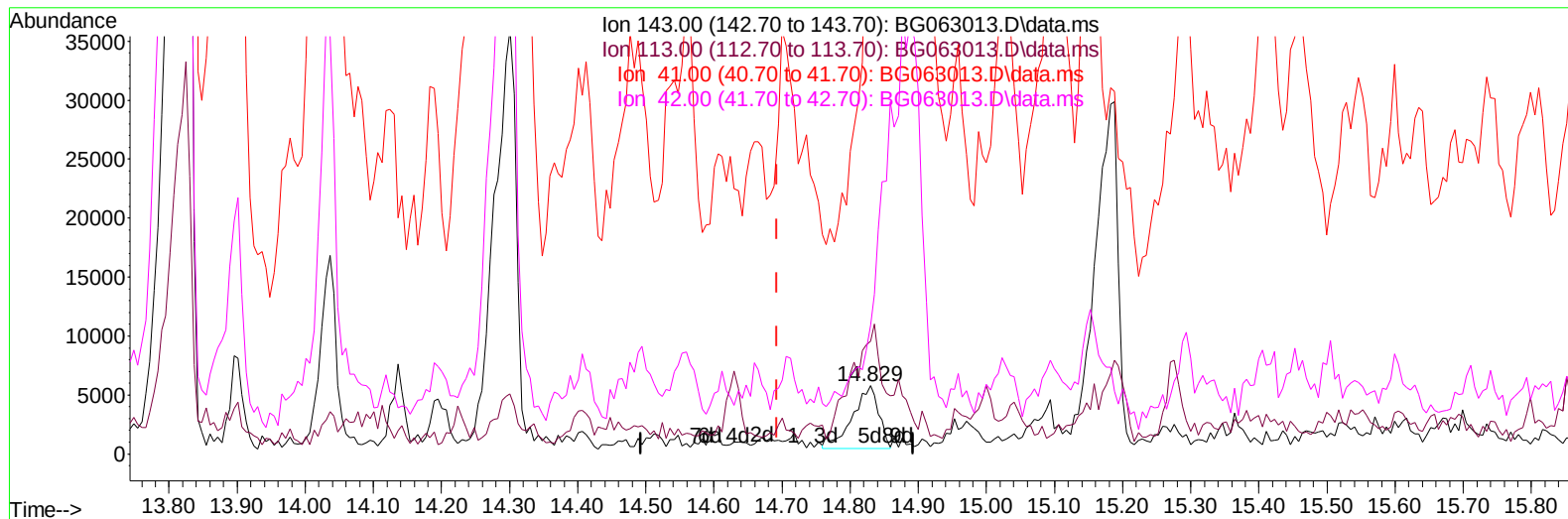
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063013.D
Acq On : 24 Sep 2024 5:00
Operator : RC/JU
Sample : P3879-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCJ4

Manual IntegrationsAPPROVED

Quant Time: Sep 24 06:18:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



TIC: BG063013.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.829min (+ 0.137) 20.06 ng/ul m

response 14105

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	101.50	166.00#
41.00	49.70	1020.91#
42.00	34.20	188.82#

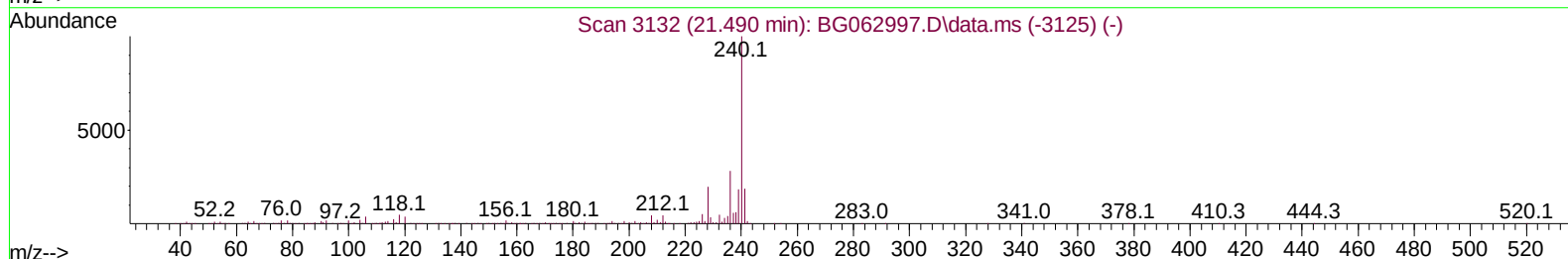
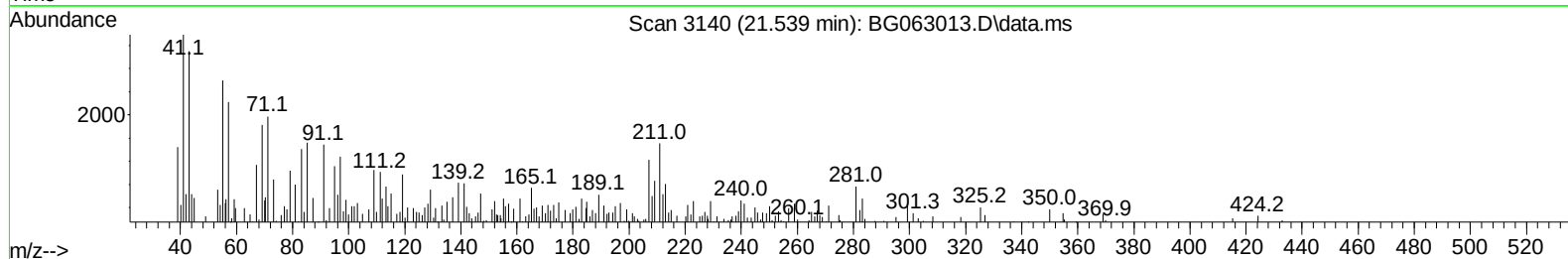
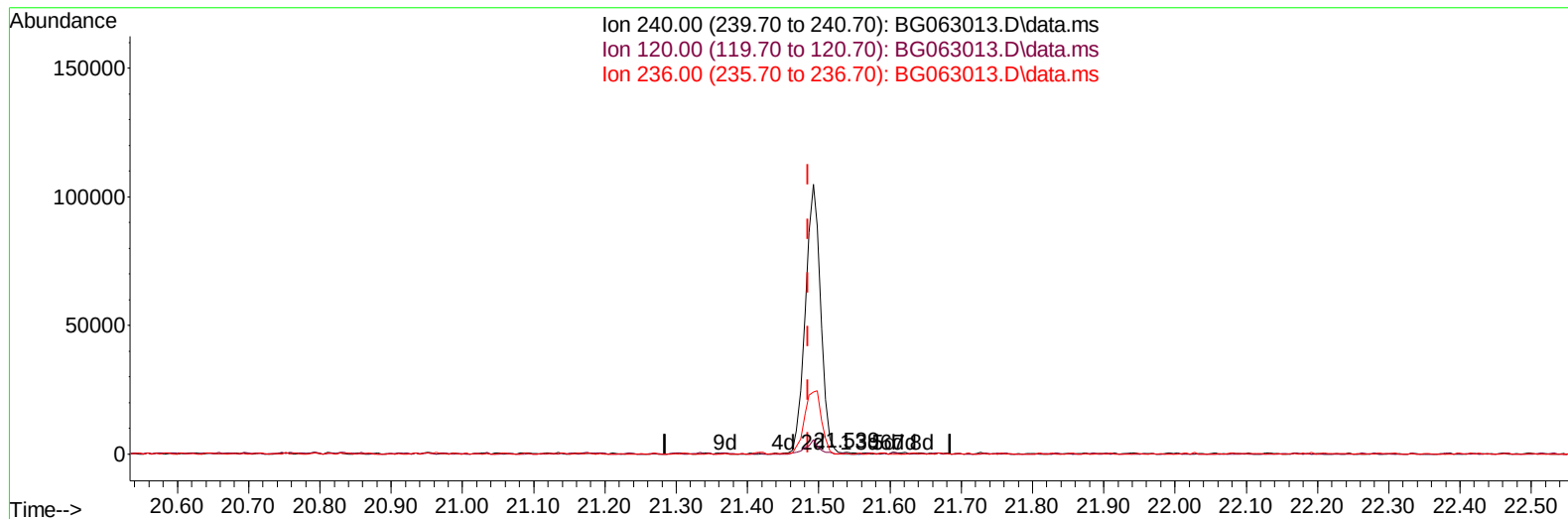
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063013.D
Acq On : 24 Sep 2024 5:00
Operator : RC/JU
Sample : P3879-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCJ4

Manual IntegrationsAPPROVED

Quant Time: Sep 24 05:50:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



TIC: BG063013.D\data.ms

(79) Chrysene-d12 (I)

21.539min (+ 0.054) 20.00 ng/ul

response 523

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	7.60	43.73#
236.00	26.60	36.12#
0.00	0.00	0.00

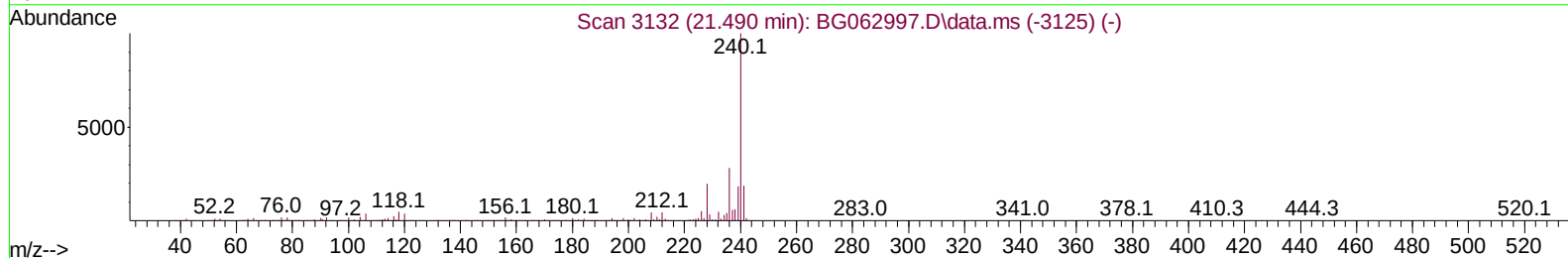
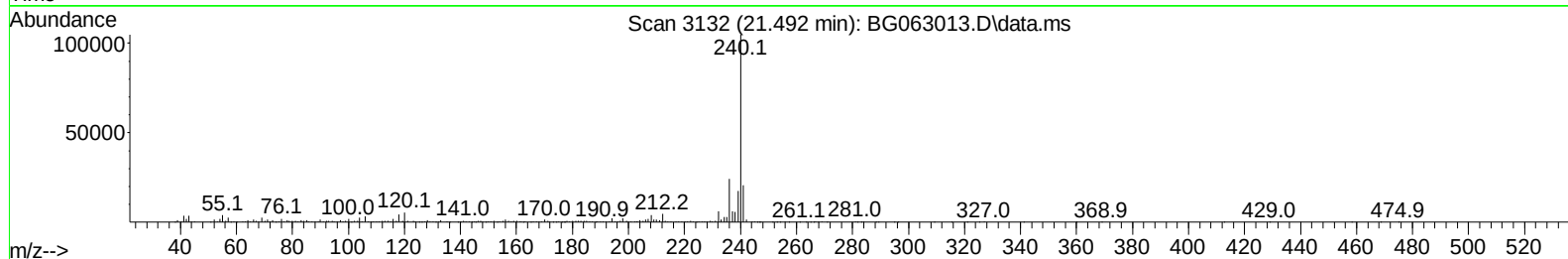
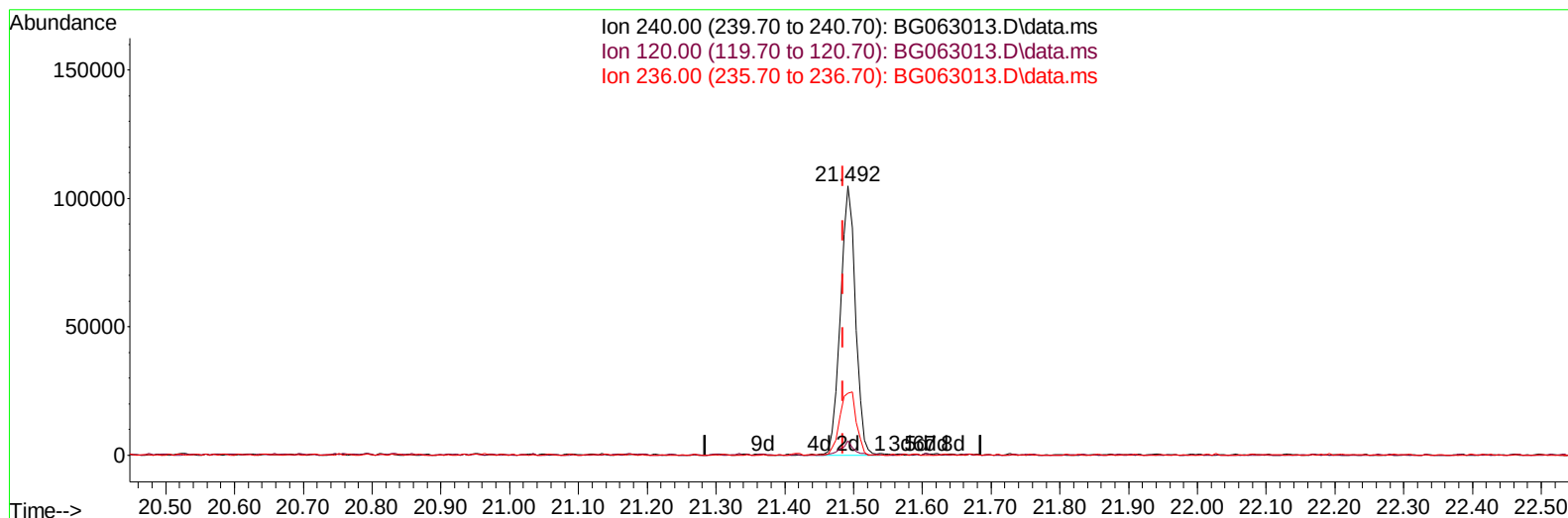
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063013.D
Acq On : 24 Sep 2024 5:00
Operator : RC/JU
Sample : P3879-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCJ4

Manual IntegrationsAPPROVED

Quant Time: Sep 24 05:50:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024



TIC: BG063013.D\data.ms

(79) Chrysene-d12 (I)

21.492min (+ 0.007) 20.00 ng/ul m

response 158447

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	7.60	5.36#
236.00	26.60	23.01
0.00	0.00	0.00

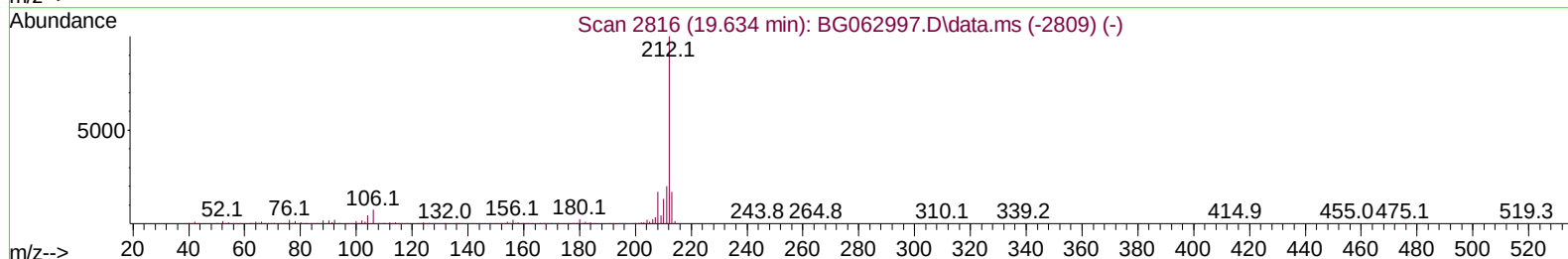
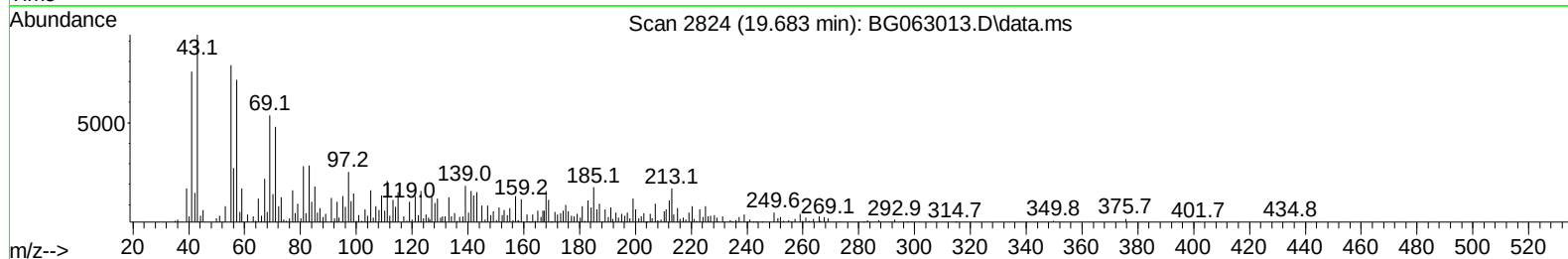
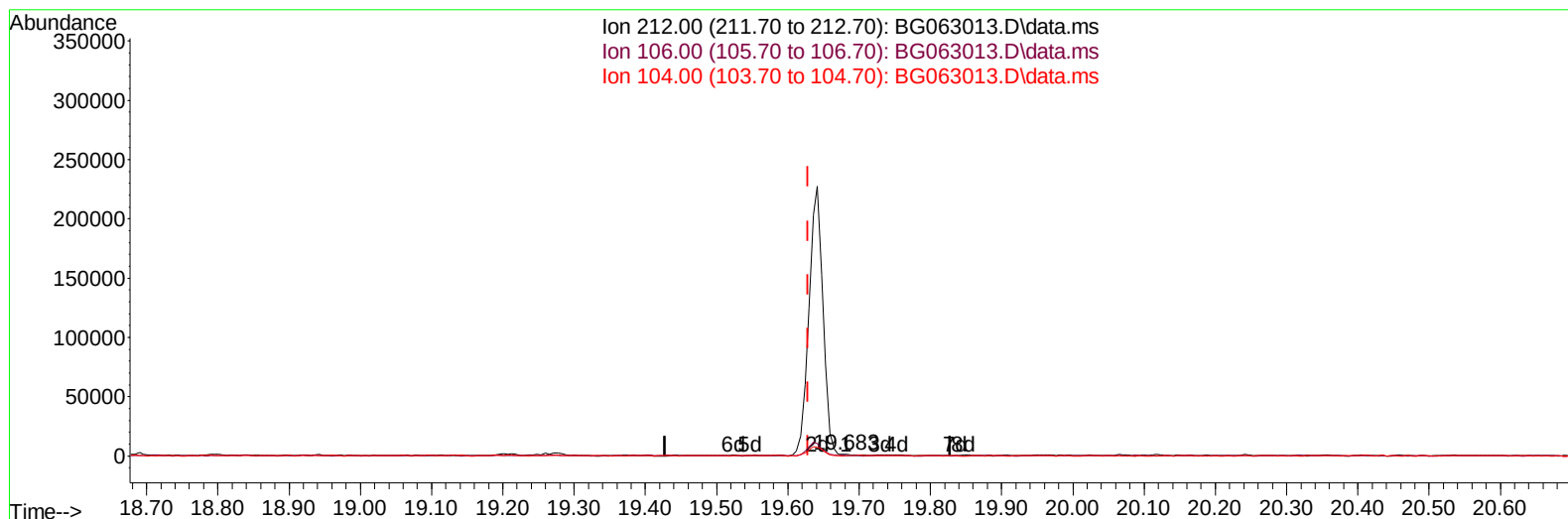
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063013.D
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/25/2024
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Quant Time: Sep 24 05:58:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
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TIC: BG063013.D\data.ms

(81) Pyrene-d10 (S)

19.683min (+ 0.054) 0.08 ng/u1

response 808

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	10.50	31.61#
104.00	7.40	38.42#
0.00	0.00	0.00

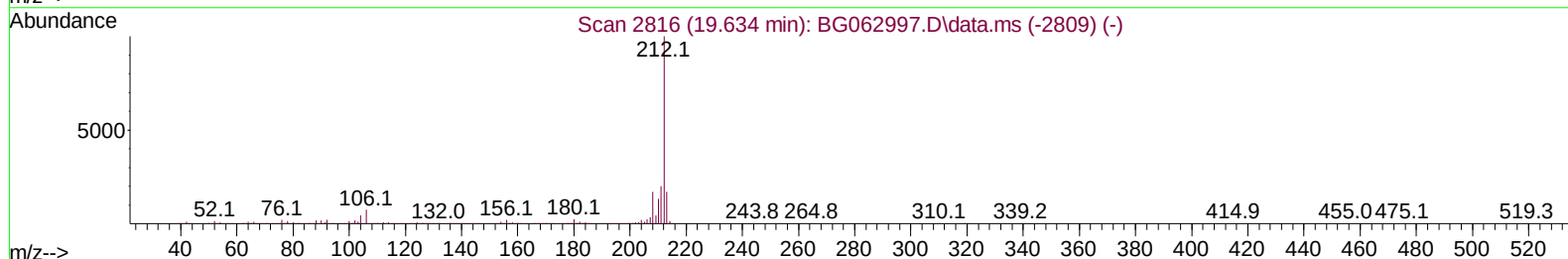
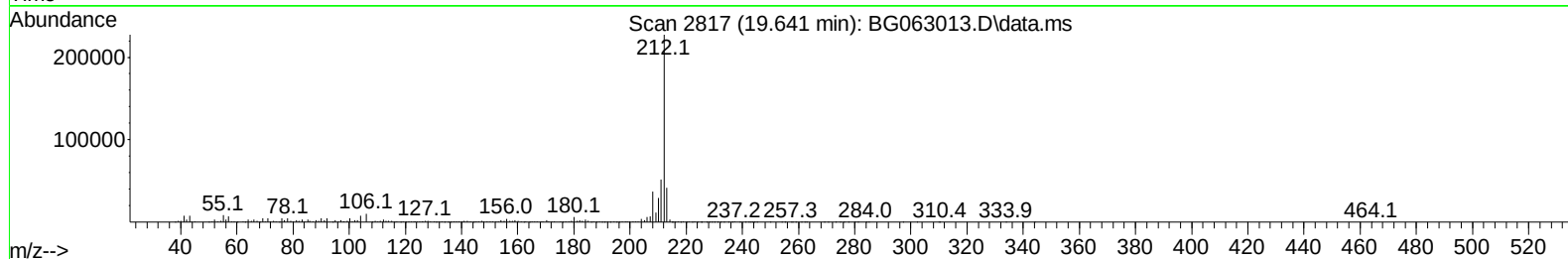
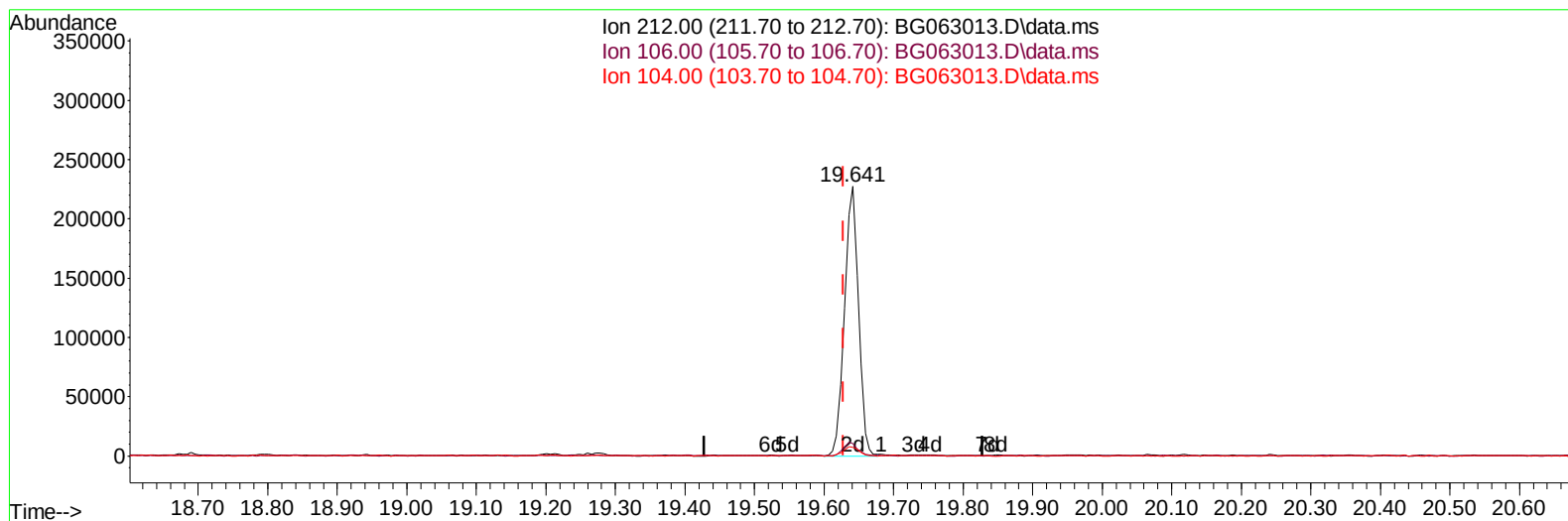
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063013.D
Acq On : 24 Sep 2024 5:00
Operator : RC/JU
Sample : P3879-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCJ4

Manual IntegrationsAPPROVED

Quant Time: Sep 24 05:58:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
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TIC: BG063013.D\data.ms

(81) Pyrene-d10 (S)

19.641min (+ 0.013) 32.85 ng/ul m

response 315260

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	10.50	4.65#
104.00	7.40	3.30#
0.00	0.00	0.00

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 Sample : P3879-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDCJ4

Manual IntegrationsAPPROVED

Quant Time: Sep 24 06:18:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 18 00:45:18 2024
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Reviewed By :Yogesh Patel 09/25/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	29651	20.000	ng/ul	0.00
20) Naphthalene-d8	10.664	136	119186	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.506	164	58991	20.000	ng/ul	0.02
64) Phenanthrene-d10	17.262	188	130453	20.000	ng/ul	# 0.03
79) Chrysene-d12	21.492	240	158447m	20.000	ng/ul	0.00
88) Perylene-d12	24.530	264	275820	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	4660	4.603	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.197	99	69685m	22.649	ng/ul	0.17
9) Bis-(2-Chloroethyl)eth...	7.197	67	48902	28.402	ng/ul	0.01
11) 2-Chlorophenol-d4	7.467	132	65596m	32.473	ng/ul	0.08
15) 4-Methylphenol-d8	8.684	113	52531m	23.307	ng/ul	0.12
21) Nitrobenzene-d5	9.036	128	23949	25.222	ng/ul	0.03
24) 2-Nitrophenol-d4	9.759	143	39120	36.316	ng/ul	0.03
28) 2,4-Dichlorophenol-d3	10.346	165	92668	41.463	ng/ul	0.08
31) 4-Chloroaniline-d4	10.787	131	21018	7.557	ng/ul	0.00
46) Dimethylphthalate-d6	13.931	166	161932	36.914	ng/ul	0.04
49) Acenaphthylene-d8	14.201	160	164647	33.605	ng/ul	0.02
54) 4-Nitrophenol-d4	14.829	143	14105m	20.065	ng/ul	0.14
60) Fluorene-d10	15.499	176	140769	34.463	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.623	200	34563	43.829	ng/ul	0.02
73) Anthracene-d10	17.356	188	233159	37.817	ng/ul	0.02
81) Pyrene-d10	19.641	212	315260m	32.851	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.330	264	540650	37.168	ng/ul	0.02
Target Compounds						
					Qvalue	
23) Isophorone	9.630	82	1863759	331.994	ng/ul#	96
29) 2,4-Dichlorophenol	10.382	162	114123	51.582	ng/ul	97
30) Naphthalene	10.717	128	652261	98.562	ng/ul#	95
36) 2-Methylnaphthalene	12.326	142	185770	38.955	ng/ul	97
37) 1-Methylnaphthalene	12.550	142	141742	29.369	ng/ul#	91
41) 2,4,6-Trichlorophenol	12.996	196	88617m	68.022	ng/ul	
42) 2,4,5-Trichlorophenol	13.079	196	54855m	40.080	ng/ul	
43) 1,1'-Biphenyl	13.331	154	22314	5.092	ng/ul	91
52) Acenaphthene	14.565	153	5357	1.430	ng/ul#	67
58) 2,3,4,6-Tetrachlorophenol	15.182	232	2909032	2361.969	ng/ul	92
61) Fluorene	15.552	166	7321	1.722	ng/ul	92
71) Pentachlorophenol	16.980	266	7456842	7809.375	ng/ul#	83
72) Phenanthrene	17.303	178	16054	2.317	ng/ul#	87

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

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