

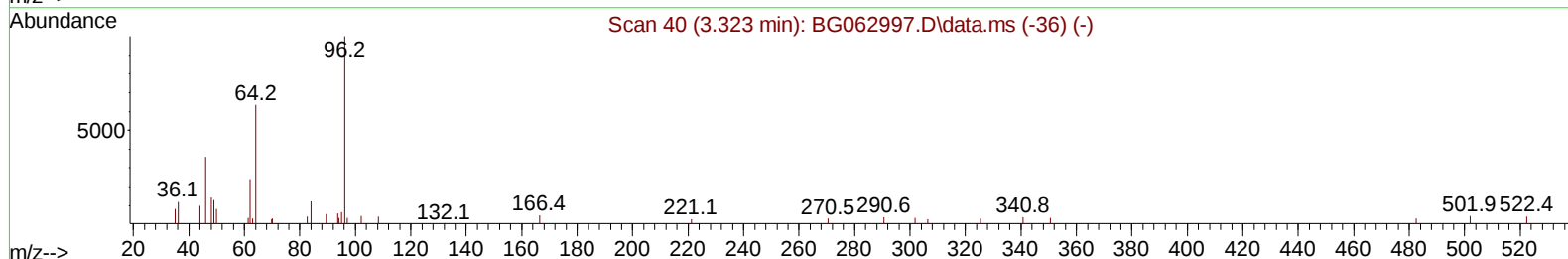
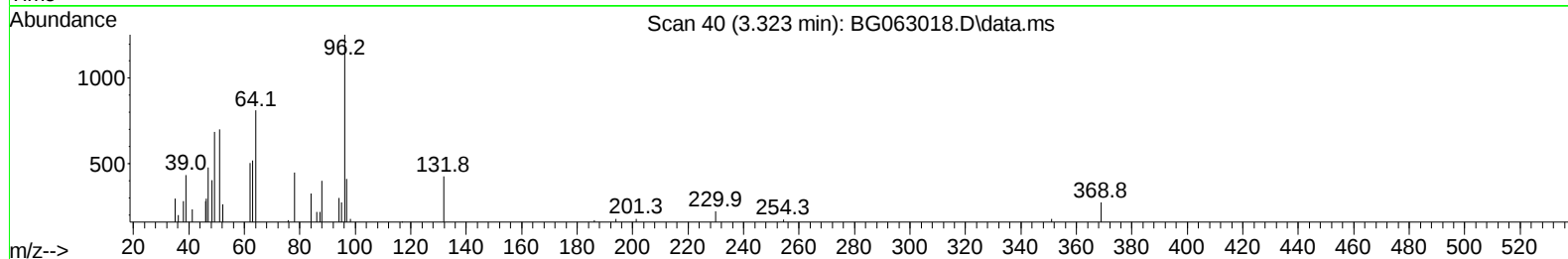
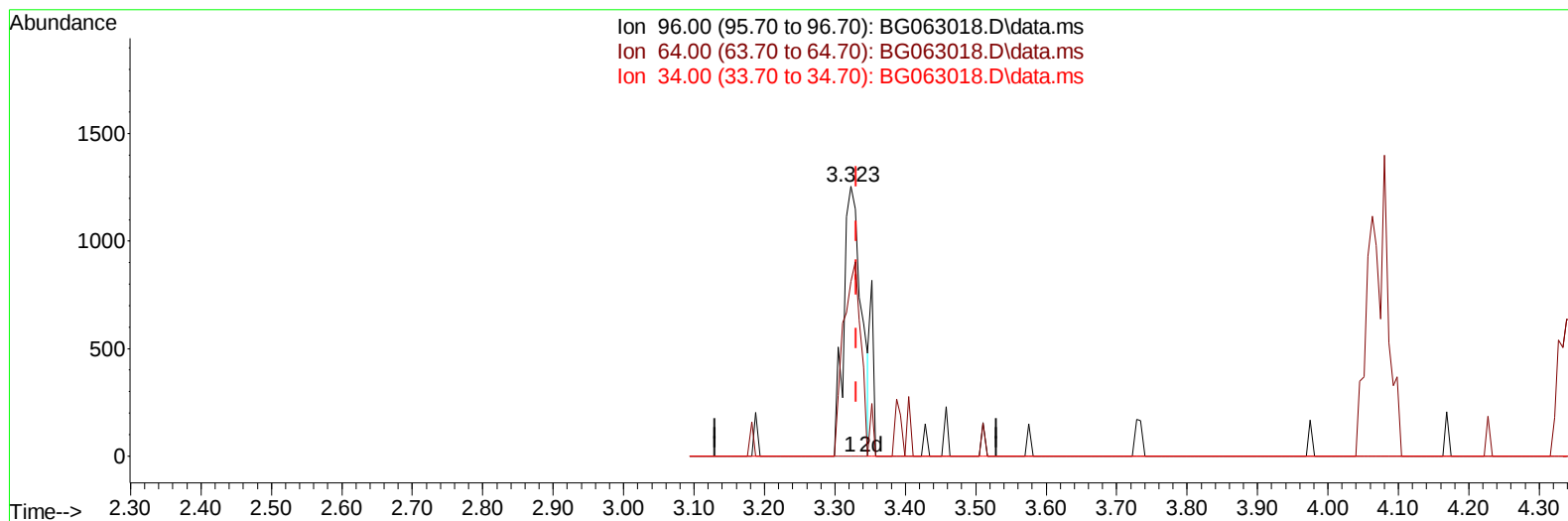
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063018.D
Acq On : 24 Sep 2024 8:17
Operator : RC/JU
Sample : P3879-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCVZ9

Manual IntegrationsAPPROVED

Quant Time: Sep 24 08:52:20 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 09/26/2024
Supervised By :mohammad ahmed 09/26/2024



TIC: BG063018.D\data.ms

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

3.323min (-0.007) 4.21 ng/uL

response 2161

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	75.20	64.67
34.00	0.00	0.00
0.00	0.00	0.00

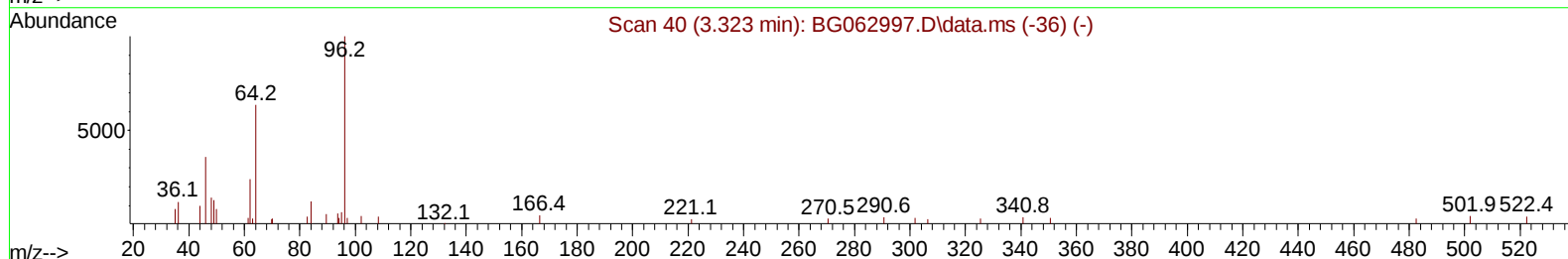
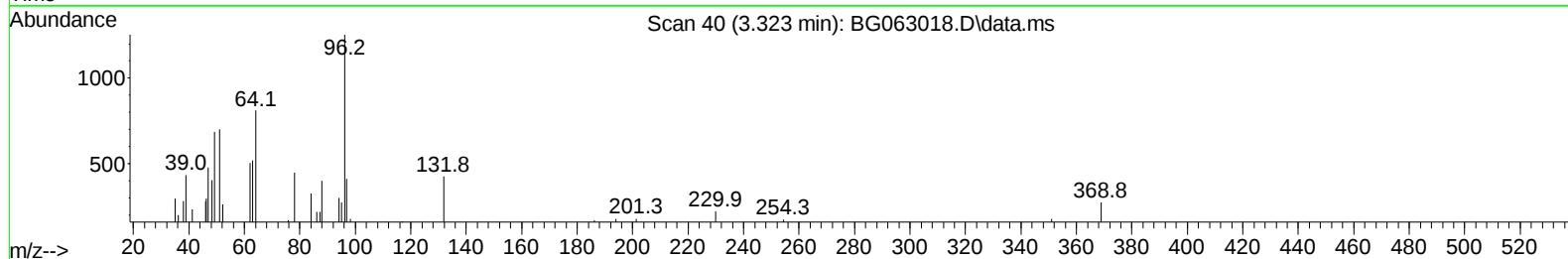
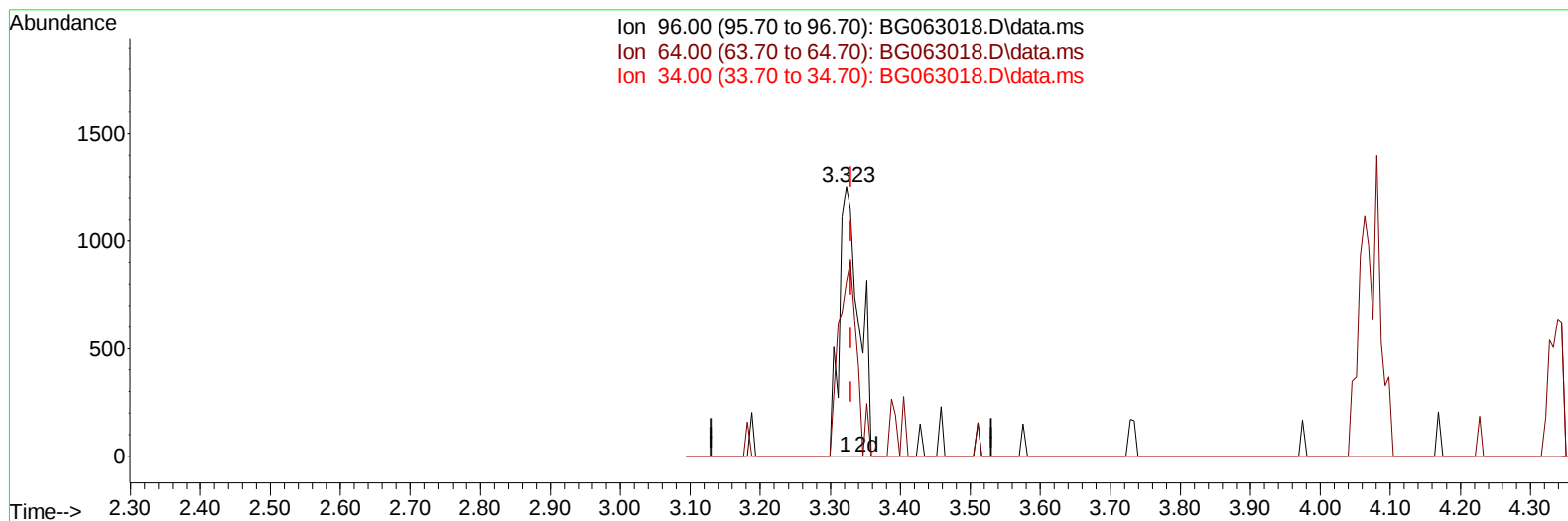
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063018.D
Acq On : 24 Sep 2024 8:17
Operator : RC/JU
Sample : P3879-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCVZ9

Manual IntegrationsAPPROVED

Quant Time: Sep 24 08:52:20 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
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Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/26/2024



TIC: BG063018.D\data.ms

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

3.323min (-0.007) 4.77 ng/uL m

response 2450

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	75.20	64.67
34.00	0.00	0.00
0.00	0.00	0.00

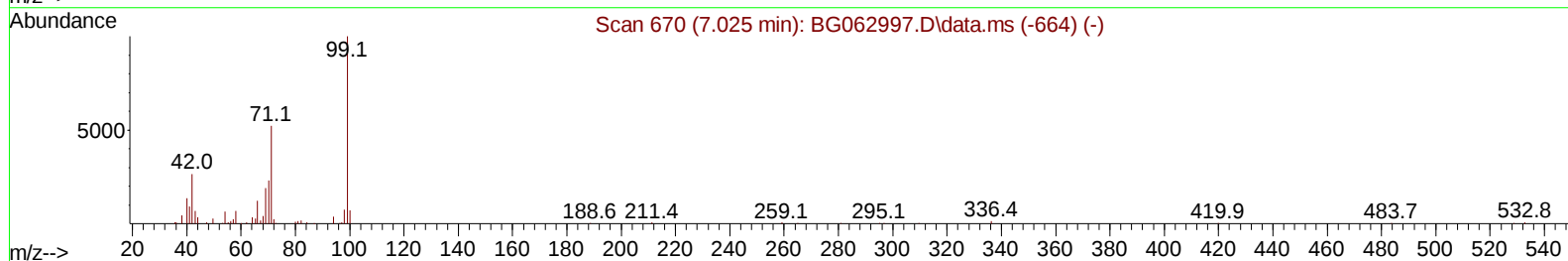
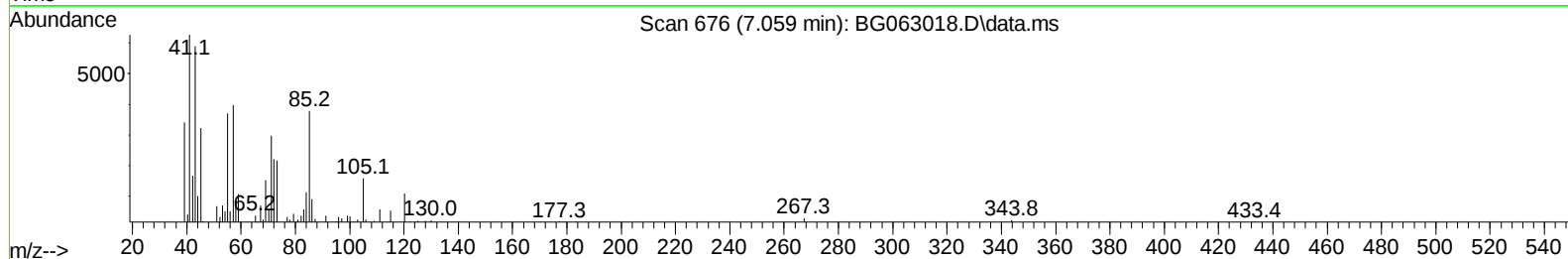
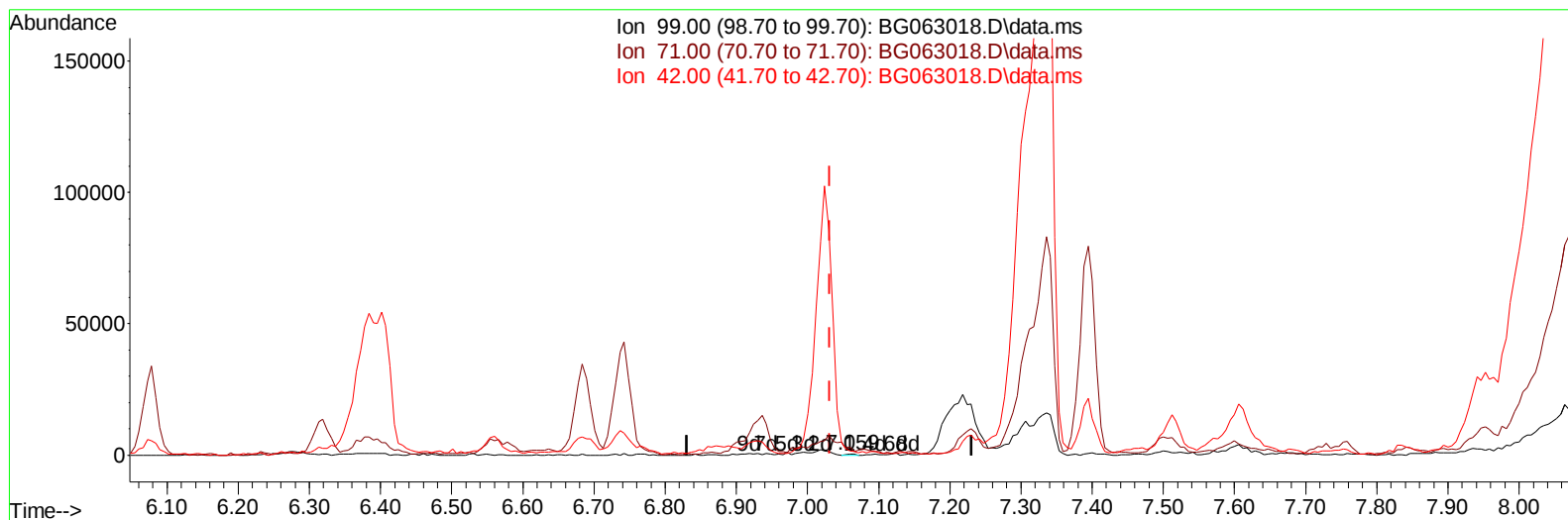
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063018.D
Acq On : 24 Sep 2024 8:17
Operator : RC/JU
Sample : P3879-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCVZ9

Manual IntegrationsAPPROVED

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TIC: BG063018.D\data.ms

(7) Phenol-d5 (S)

7.059min (+ 0.028) 0.20 ng/u1

response 316

Ion	Exp%	Act%
99.00	100.00	100.00
71.00	39.50	818.46#
42.00	20.50	458.40#
0.00	0.00	0.00

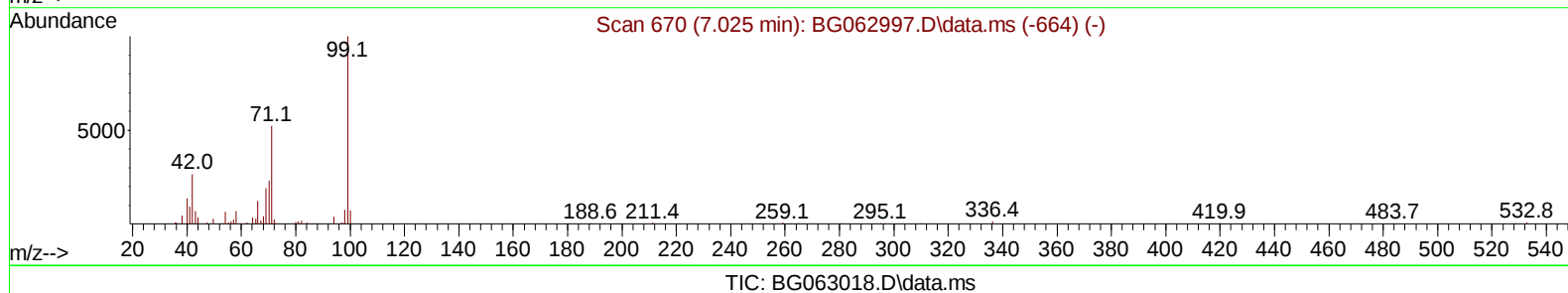
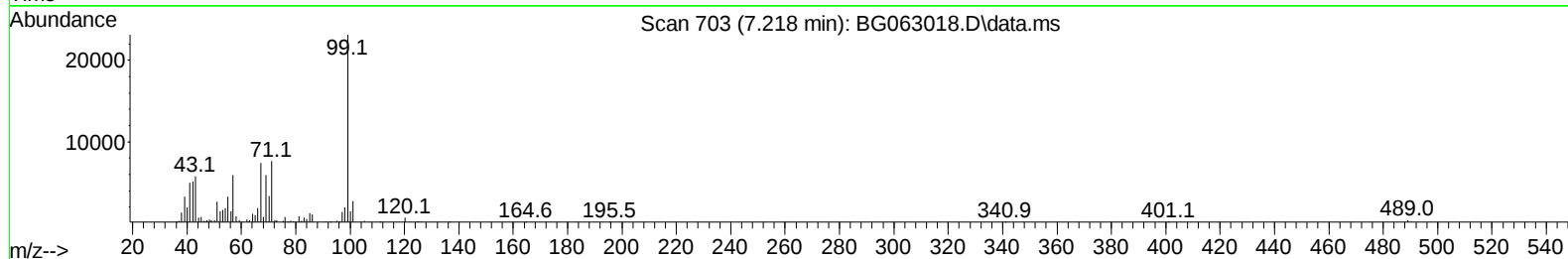
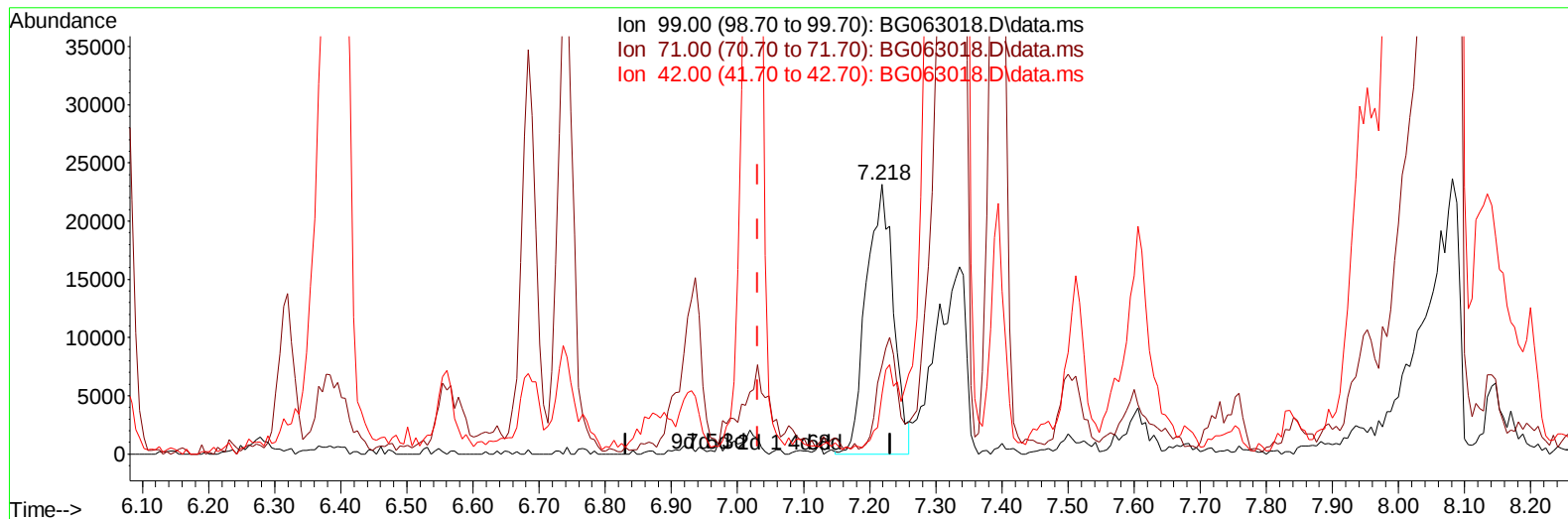
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063018.D
Acq On : 24 Sep 2024 8:17
Operator : RC/JU
Sample : P3879-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCVZ9

Manual IntegrationsAPPROVED

Quant Time: Sep 24 08:52:20 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 09/26/2024
Supervised By :mohammad ahmed 09/26/2024



(7) Phenol-d5 (S)

7.218min (+ 0.187) 42.18 ng/u1 m

response 65875

Ion	Exp%	Act%
99.00	100.00	100.00
71.00	39.50	32.98
42.00	20.50	22.19
0.00	0.00	0.00

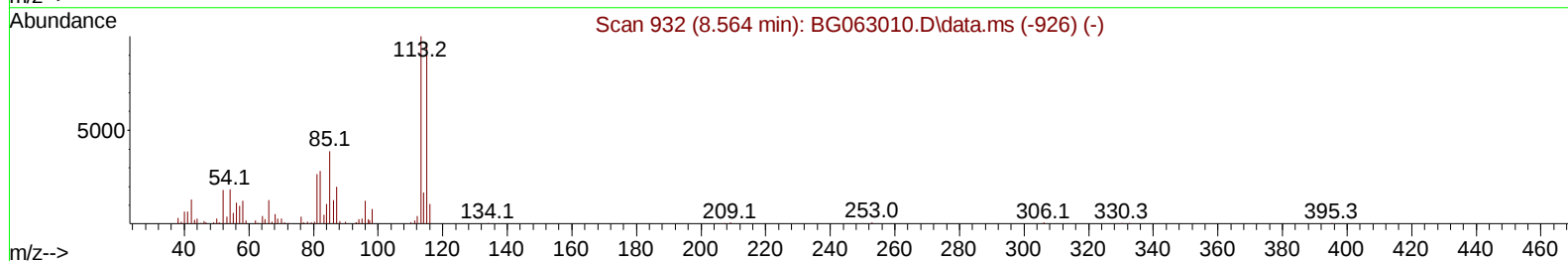
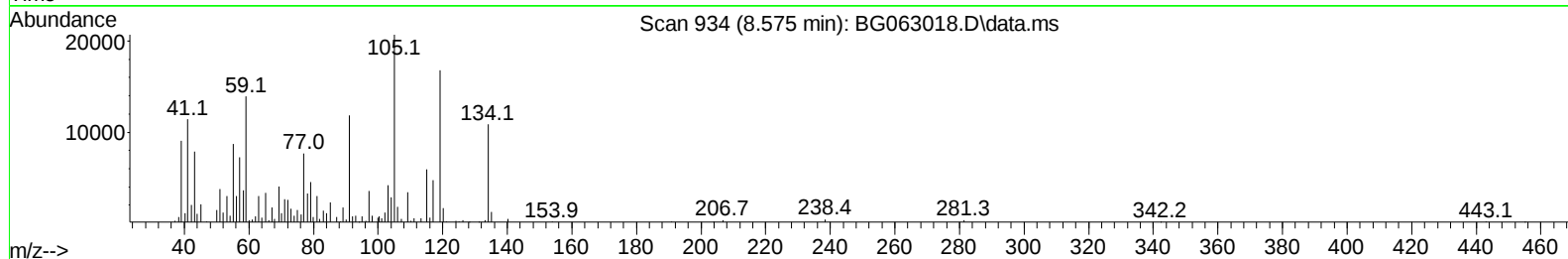
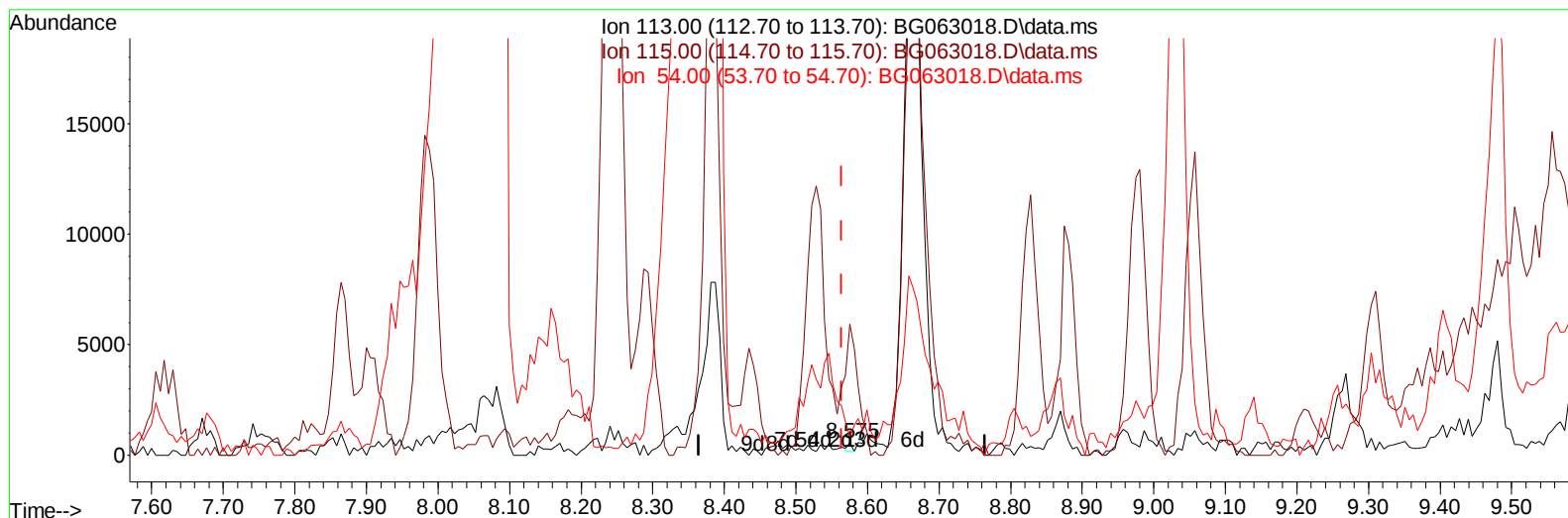
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
 Data File : BG063018.D
 Acq On : 24 Sep 2024 8:17
 Operator : RC/JU
 Sample : P3879-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCVZ9

Manual IntegrationsAPPROVED

Quant Time: Sep 24 08:55:44 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 09/26/2024
 Supervised By :mohammad ahmed 09/26/2024



TIC: BG063018.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.575min (+ 0.011) 0.13 ng/u1

response 144

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	99.00	1056.23#
54.00	17.30	151.60#
0.00	0.00	0.00

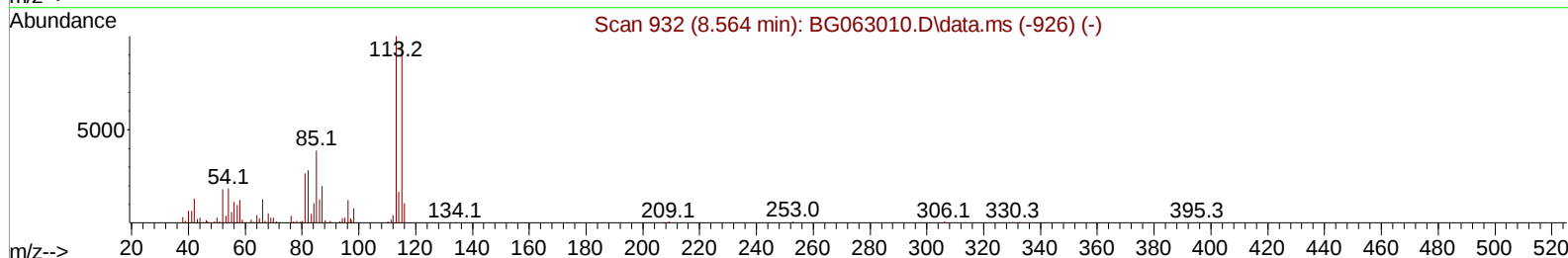
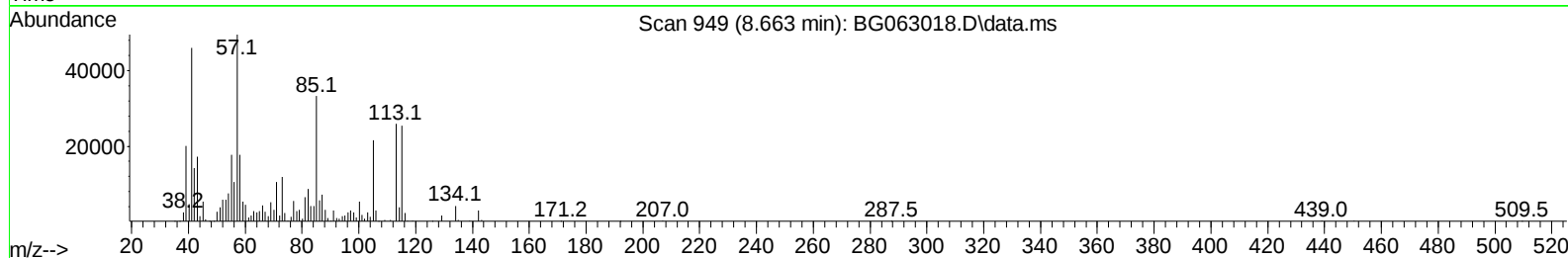
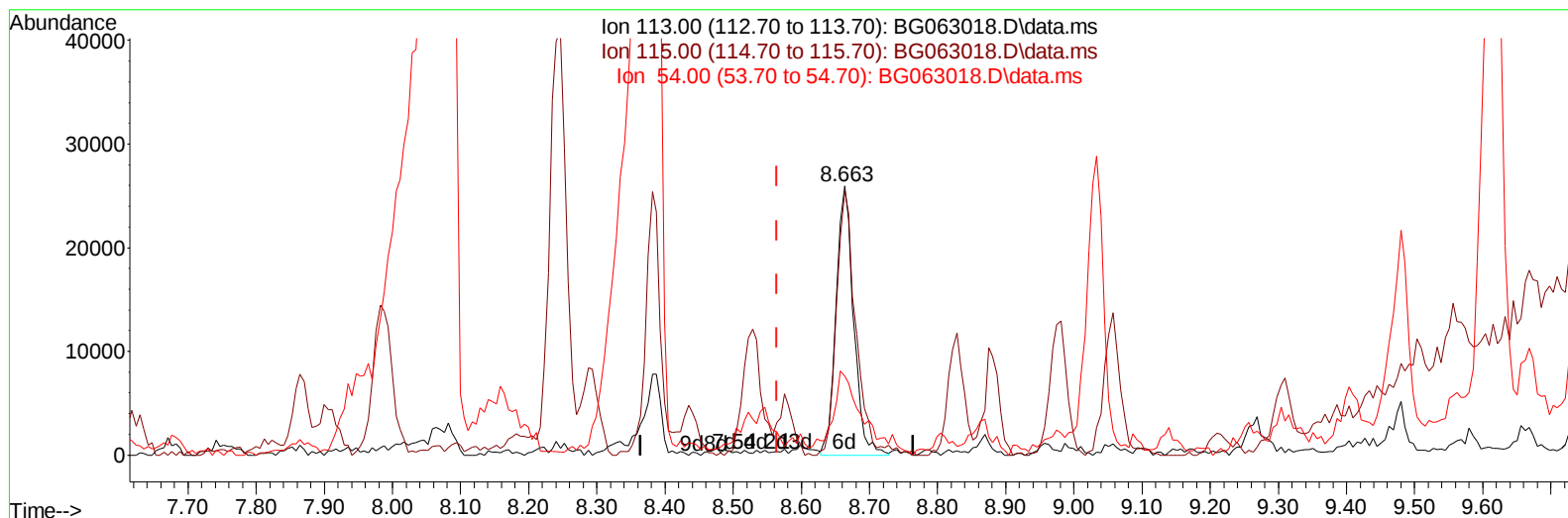
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063018.D
Acq On : 24 Sep 2024 8:17
Operator : RC/JU
Sample : P3879-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCVZ9

Manual IntegrationsAPPROVED

Quant Time: Sep 24 08:55:44 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 09/26/2024
Supervised By :mohammad ahmed 09/26/2024



TIC: BG063018.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.663min (+ 0.099) 40.65 ng/u1 m

response 46512

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	99.00	98.12
54.00	17.30	29.32#
0.00	0.00	0.00

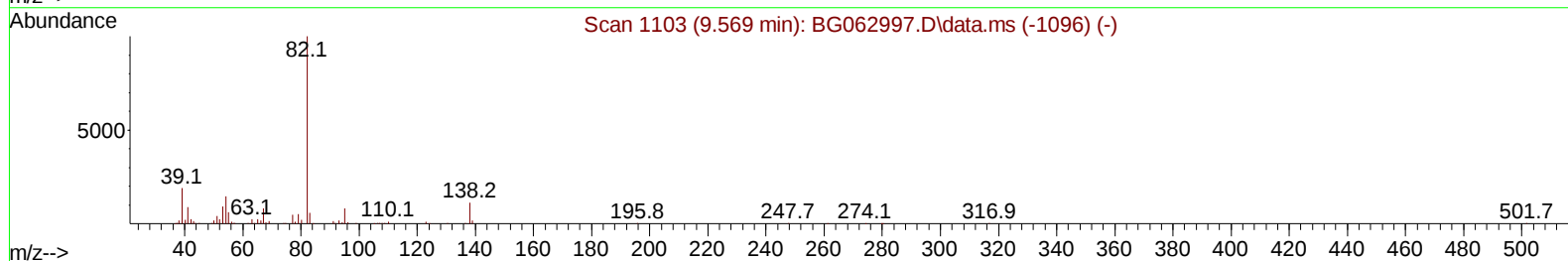
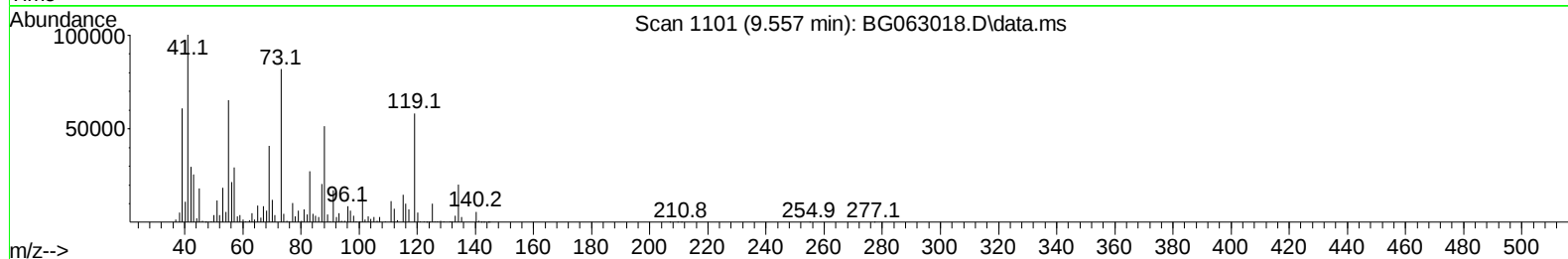
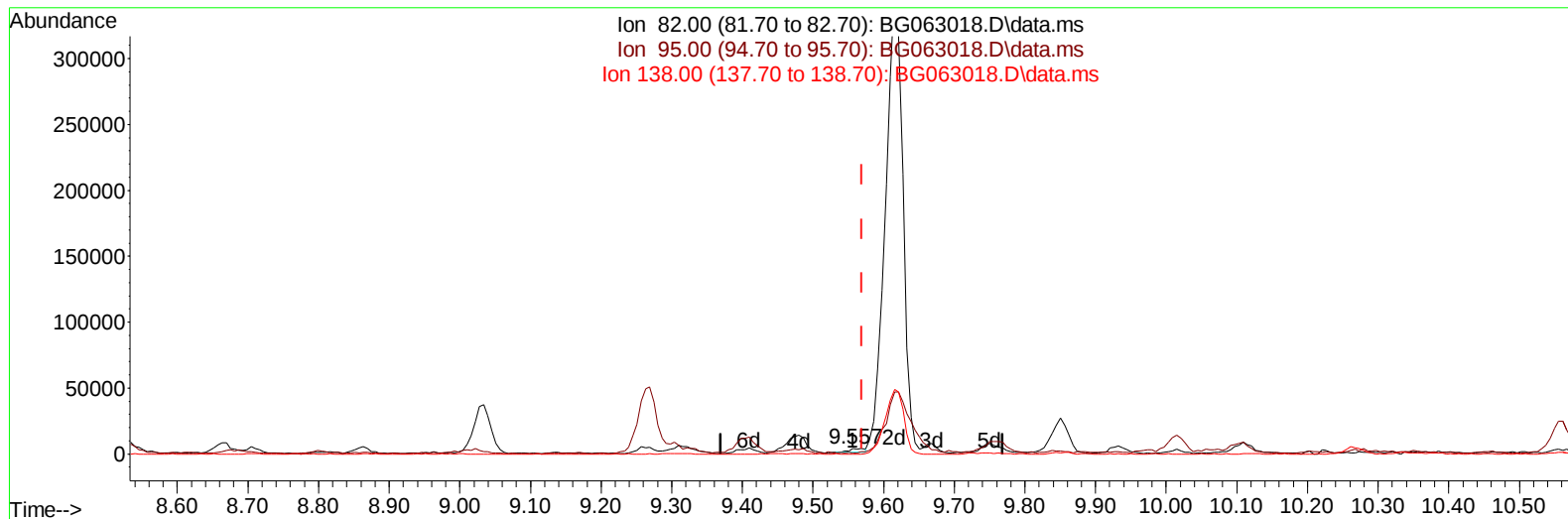
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063018.D
Acq On : 24 Sep 2024 8:17
Operator : RC/JU
Sample : P3879-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCVZ9

Manual IntegrationsAPPROVED

Quant Time: Sep 24 08:52:52 2024
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Quant Title : SVOA CALIBRATION
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TIC: BG063018.D\data.ms

(23) Isophorone

9.557min (-0.013) 1.73 ng/u1

response 5013

Ion	Exp%	Act%
82.00	100.00	100.00
95.00	7.80	23.43#
138.00	13.60	0.00#
0.00	0.00	0.00

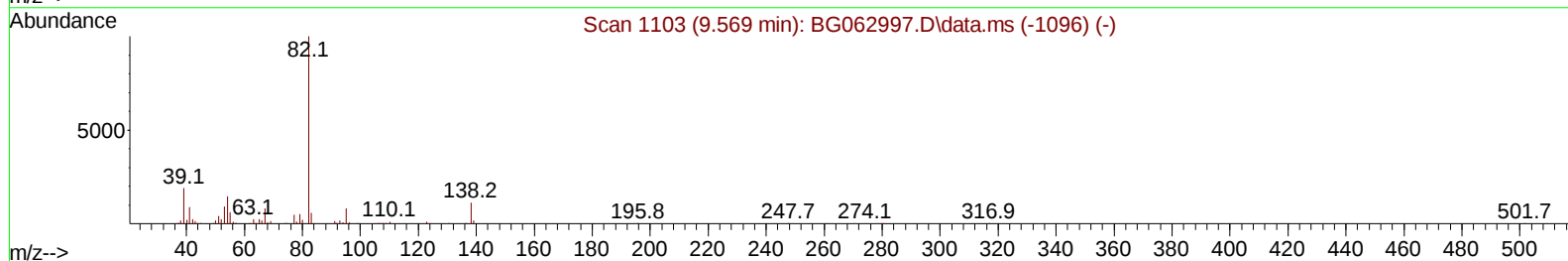
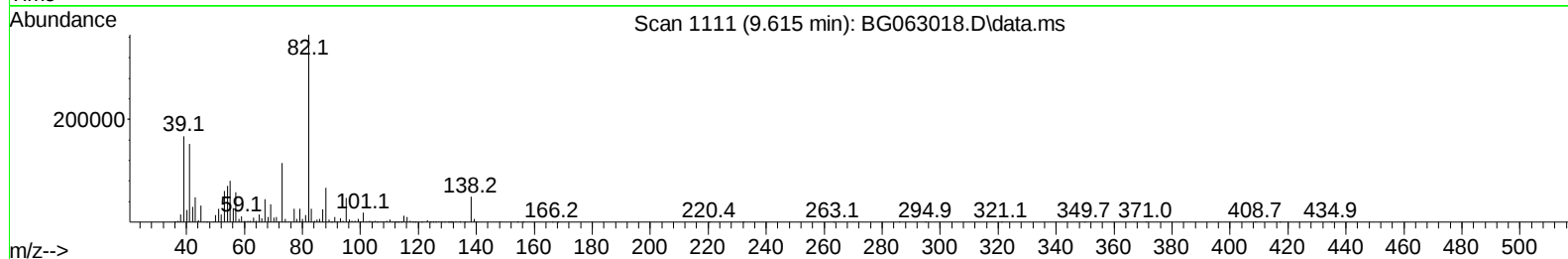
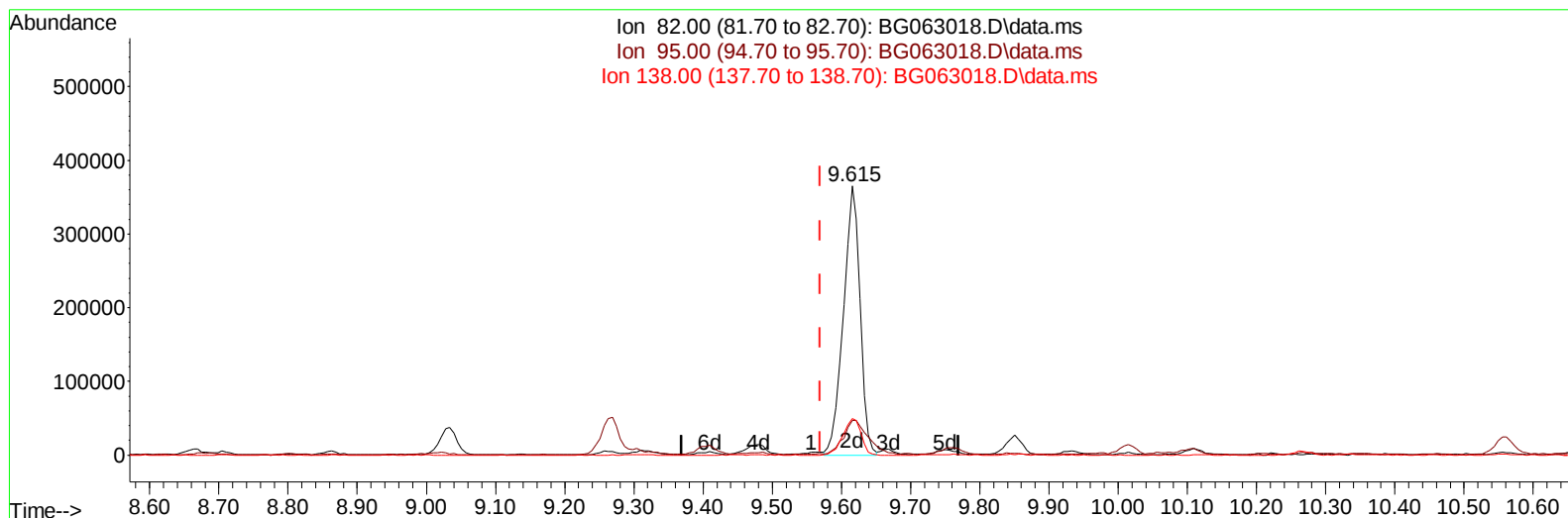
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
 Data File : BG063018.D
 Acq On : 24 Sep 2024 8:17
 Operator : RC/JU
 Sample : P3879-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCVZ9

Manual IntegrationsAPPROVED

Quant Time: Sep 24 08:52:52 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 09/26/2024
 Supervised By :mohammad ahmed 09/26/2024



TIC: BG063018.D\data.ms

(23) Isophorone

9.615min (+ 0.046) 210.55 ng/ul m

response 610730

Ion	Exp%	Act%
82.00	100.00	100.00
95.00	7.80	12.87#
138.00	13.60	13.47
0.00	0.00	0.00

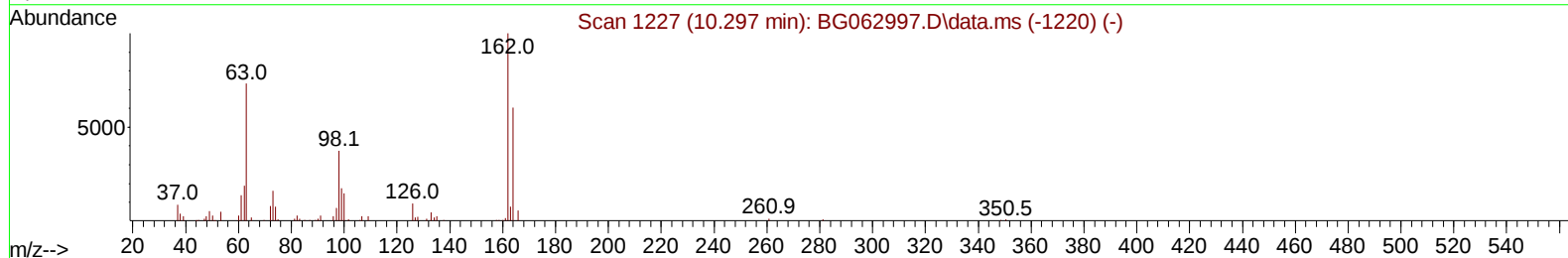
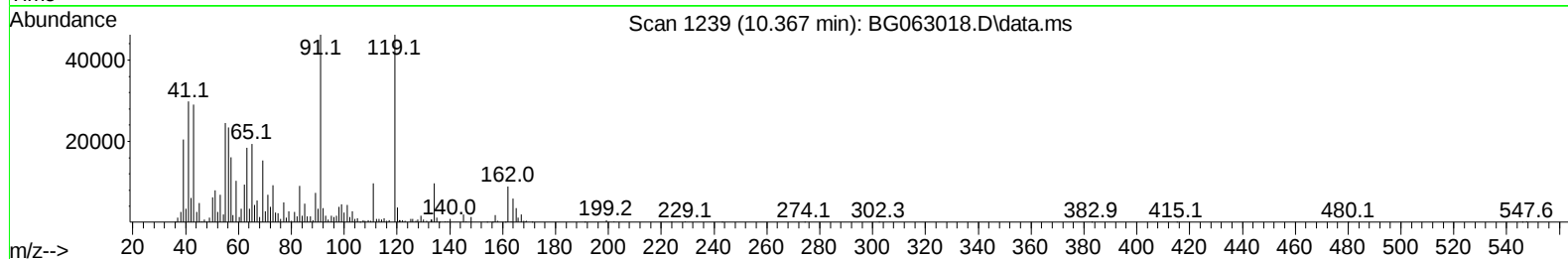
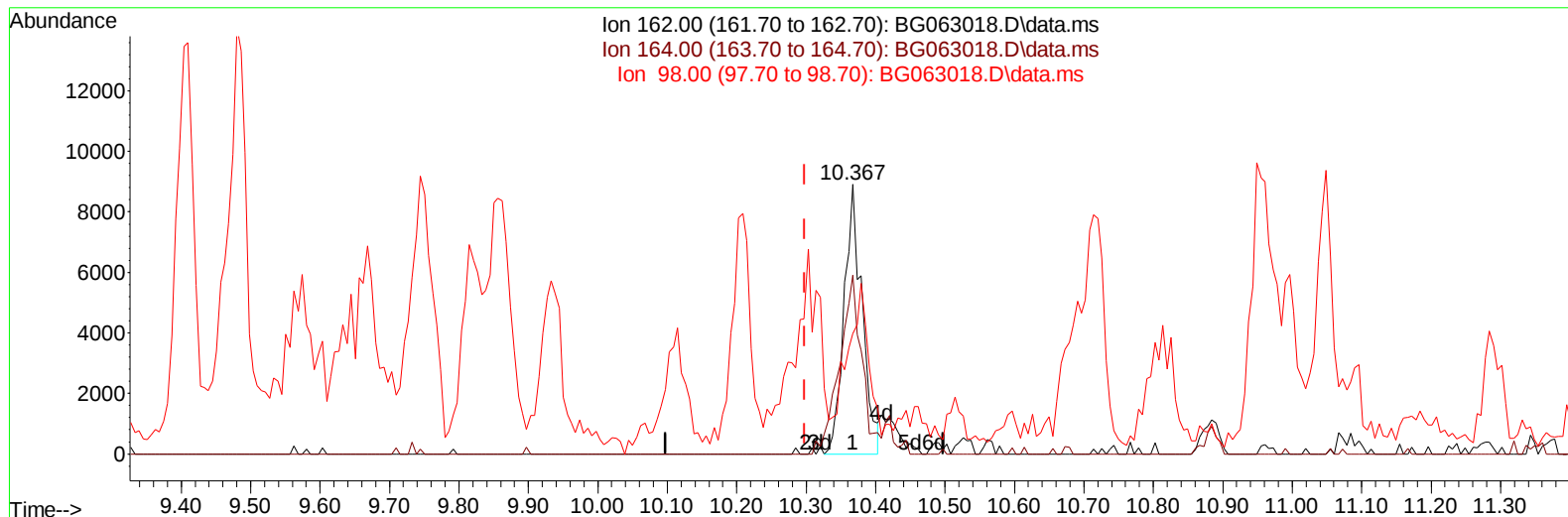
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063018.D
Acq On : 24 Sep 2024 8:17
Operator : RC/JU
Sample : P3879-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCVZ9

Manual IntegrationsAPPROVED

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TIC: BG063018.D\data.ms

(29) 2,4-Dichlorophenol (C)

10.367min (+ 0.069) 13.99 ng/u1

response 15993

Ion	Exp%	Act%
162.00	100.00	100.00
164.00	61.00	66.28
98.00	38.40	44.68
0.00	0.00	0.00

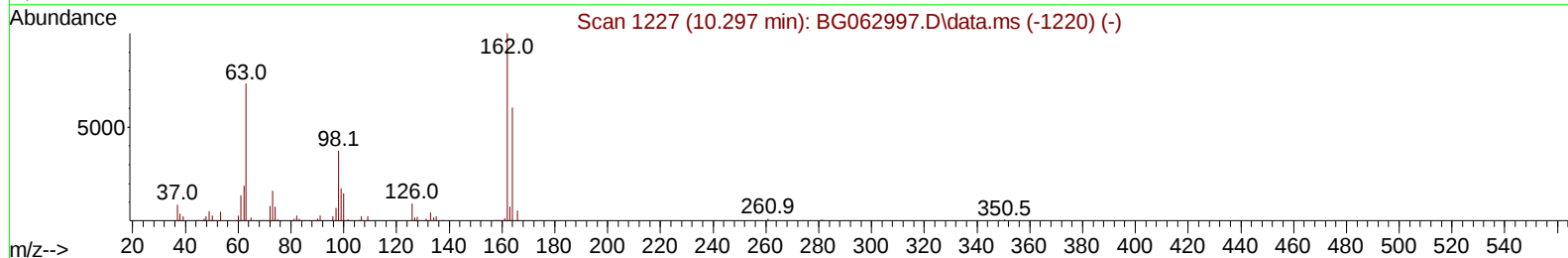
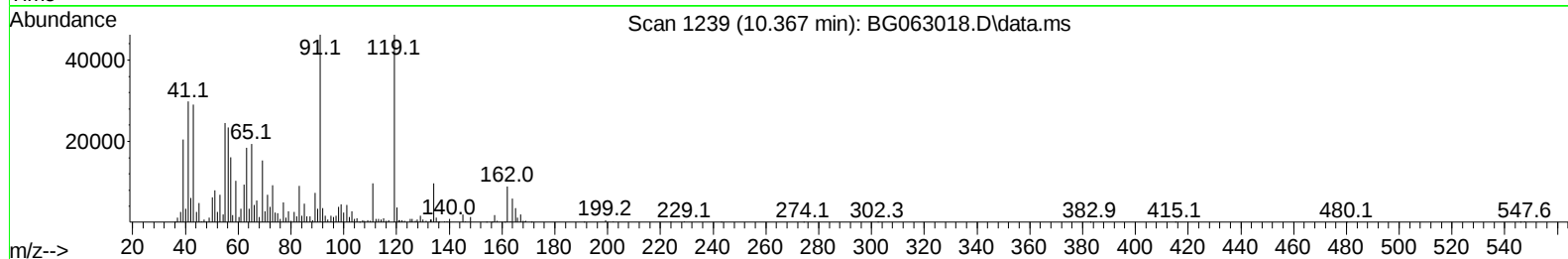
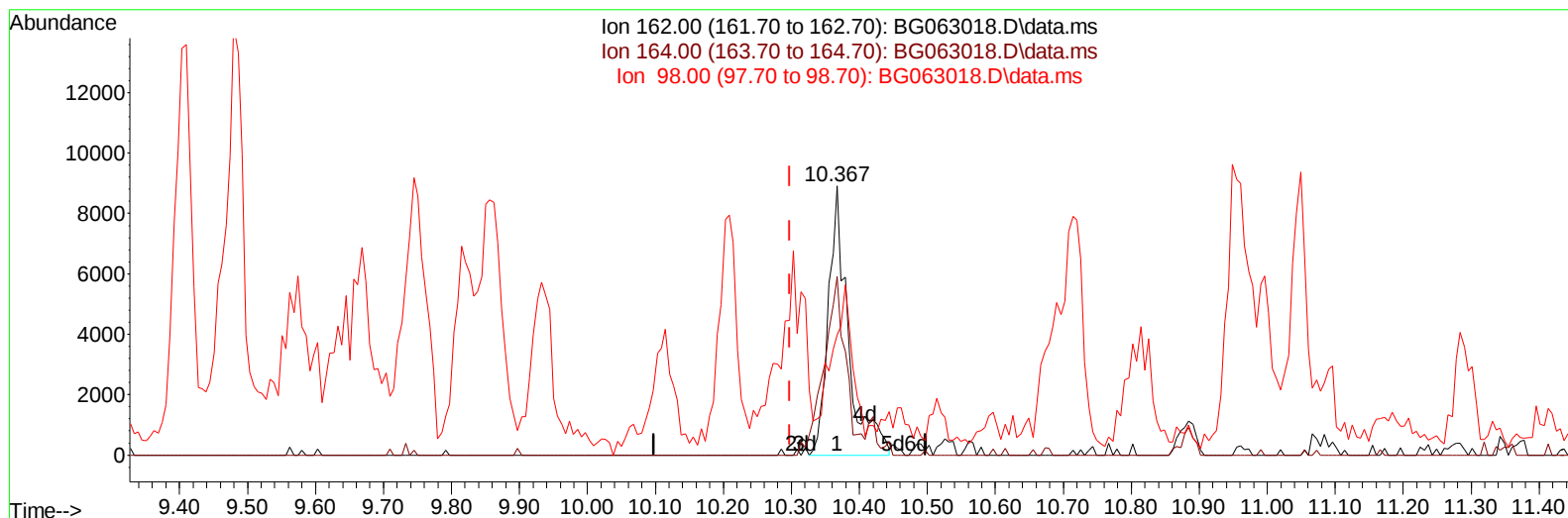
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
 Data File : BG063018.D
 Acq On : 24 Sep 2024 8:17
 Operator : RC/JU
 Sample : P3879-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCVZ9

Manual IntegrationsAPPROVED

Quant Time: Sep 24 08:52:52 2024
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 18 00:45:18 2024
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Reviewed By :Yogesh Patel 09/26/2024
 Supervised By :mohammad ahmed 09/26/2024



TIC: BG063018.D\data.ms

(29) 2,4-Dichlorophenol (C)

10.367min (+ 0.069) 15.83 ng/ul m

response 18096

Ion	Exp%	Act%
162.00	100.00	100.00
164.00	61.00	66.28
98.00	38.40	44.68
0.00	0.00	0.00

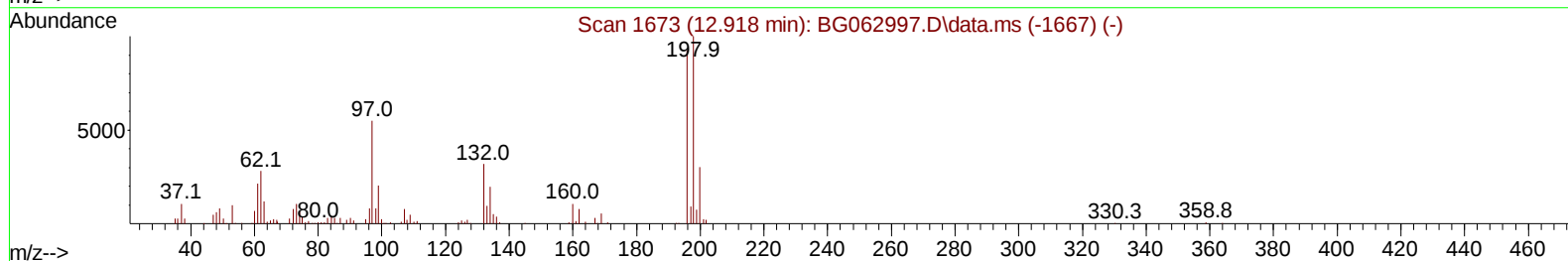
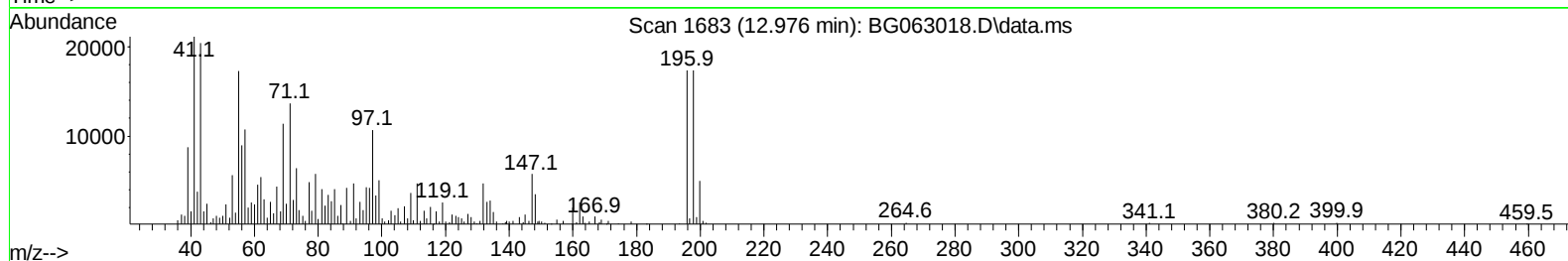
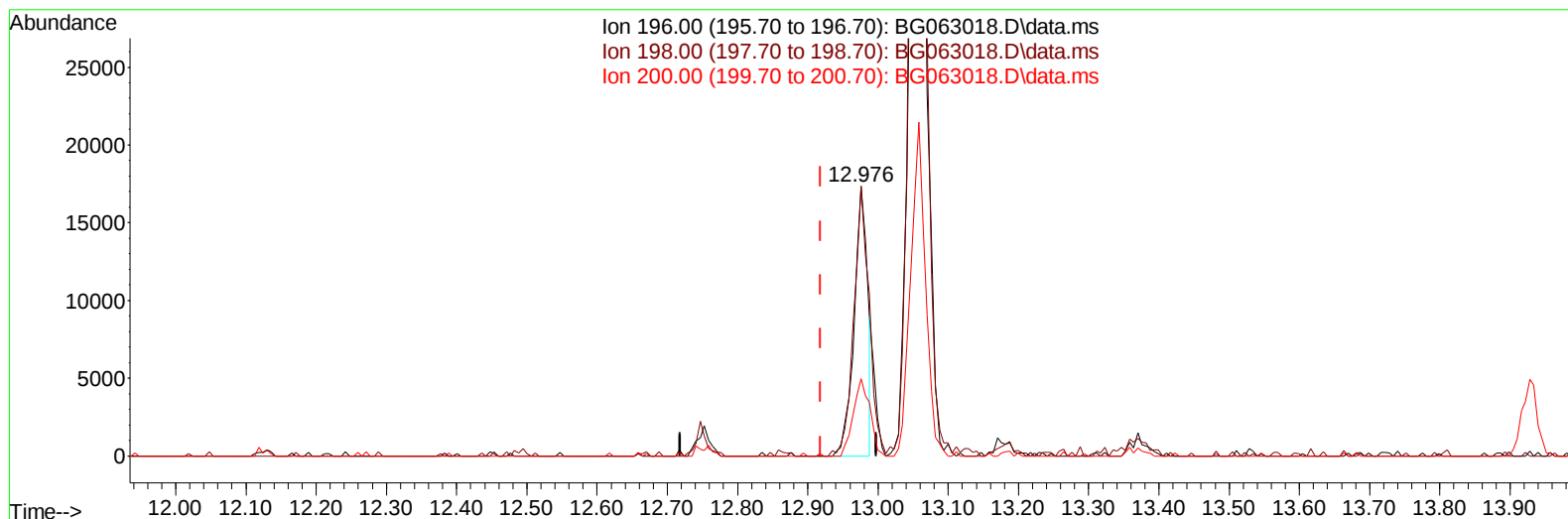
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063018.D
Acq On : 24 Sep 2024 8:17
Operator : RC/JU
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 09/26/2024

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QLast Update : Wed Sep 18 00:45:18 2024
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TIC: BG063018.D\data.ms

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

12.976min (+ 0.058) 20.05 ng/u1

response 23337

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	102.20	95.68
200.00	38.10	27.50#
0.00	0.00	0.00

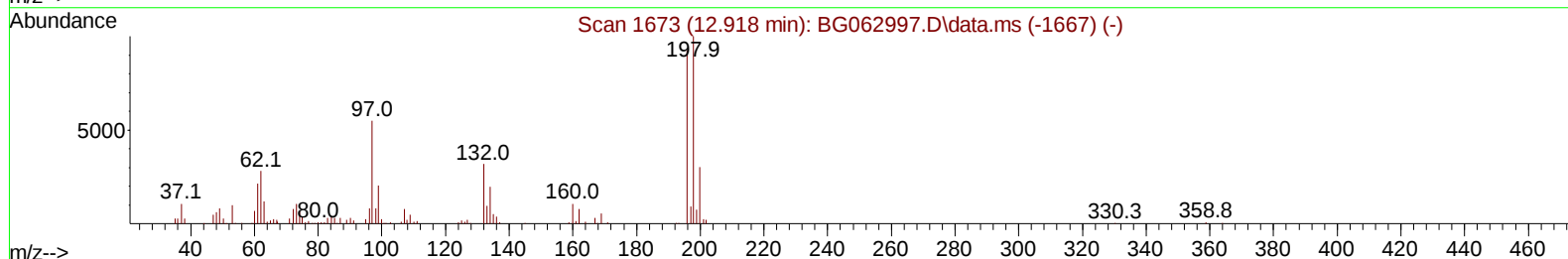
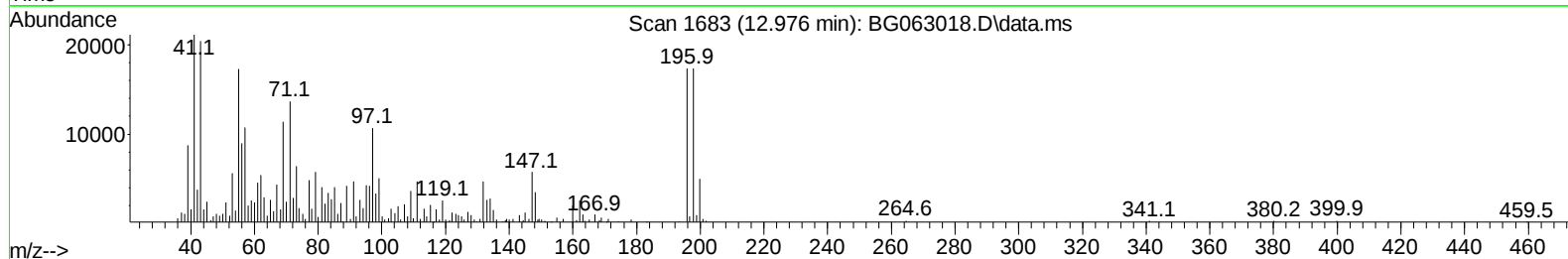
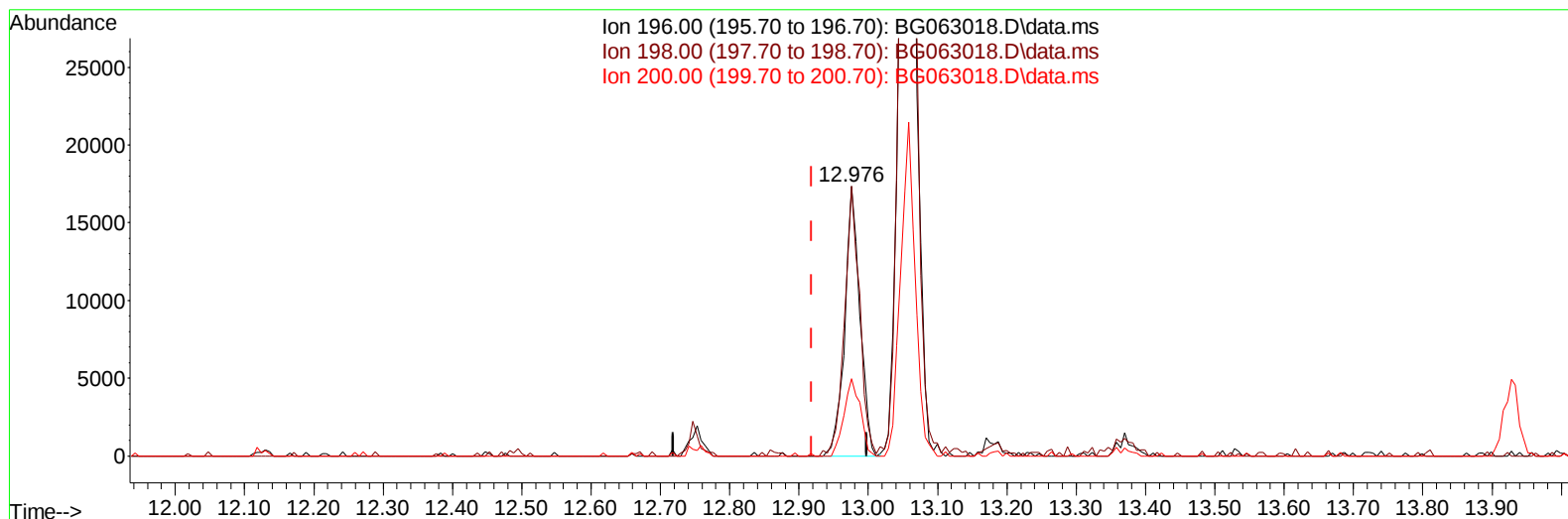
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063018.D
Acq On : 24 Sep 2024 8:17
Operator : RC/JU
Sample : P3879-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCVZ9

Manual IntegrationsAPPROVED

Quant Time: Sep 24 08:52:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
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Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/26/2024



TIC: BG063018.D\data.ms

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

12.976min (+ 0.058) 22.72 ng/ul m

response 26443

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	102.20	100.00
200.00	38.10	28.75#
0.00	0.00	0.00

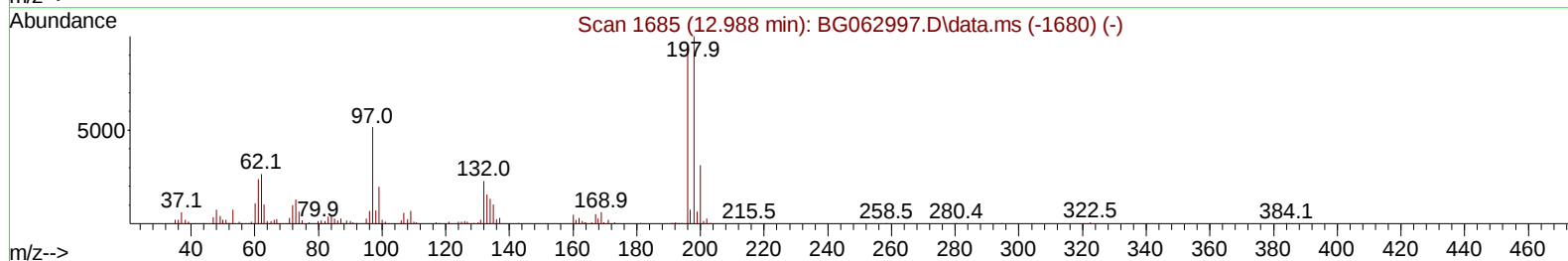
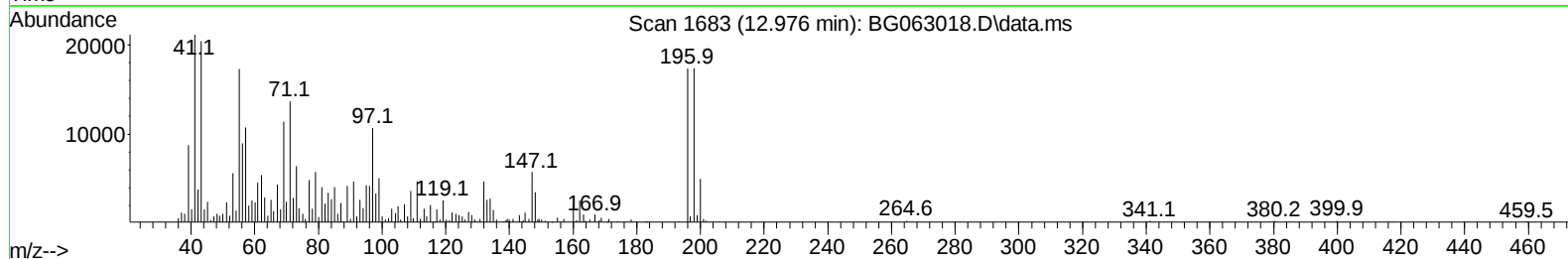
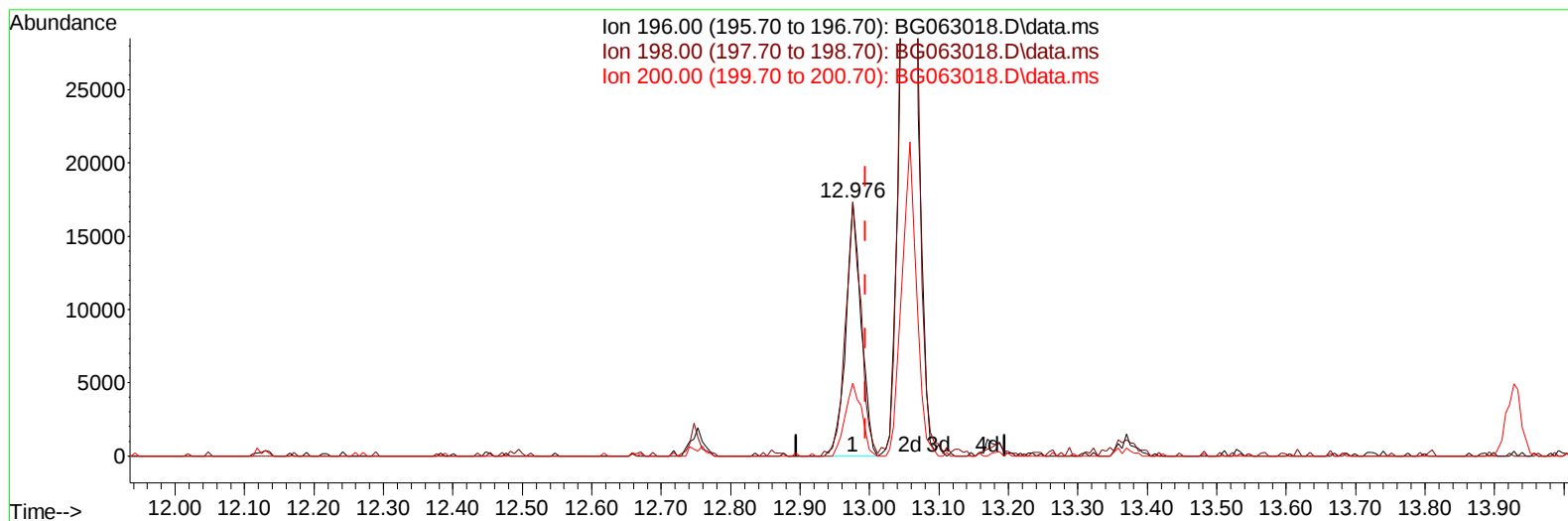
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063018.D
Acq On : 24 Sep 2024 8:17
Operator : RC/JU
Sample : P3879-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCVZ9

Manual IntegrationsAPPROVED

Quant Time: Sep 24 08:52:52 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 09/26/2024
Supervised By :mohammad ahmed 09/26/2024



TIC: BG063018.D\data.ms

(42) 2,4,5-Trichlorophenol

12.976min (-0.019) 21.58 ng/u1

response 26391

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	94.40	95.68
200.00	31.90	27.50
0.00	0.00	0.00

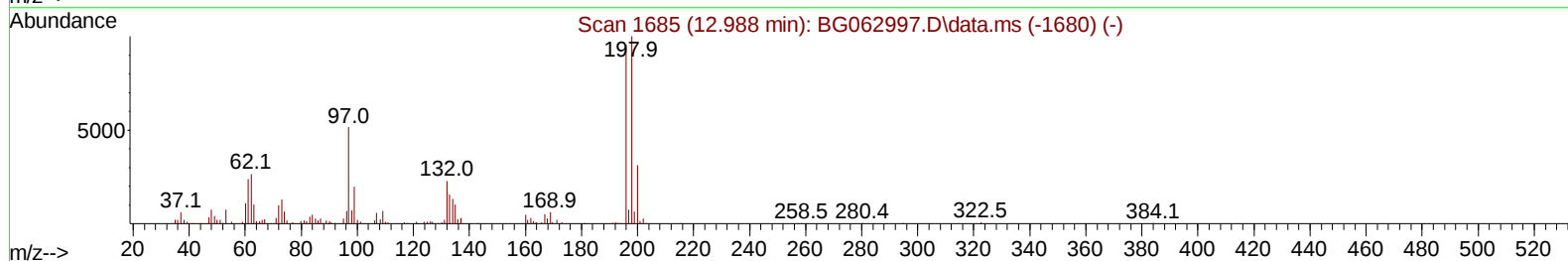
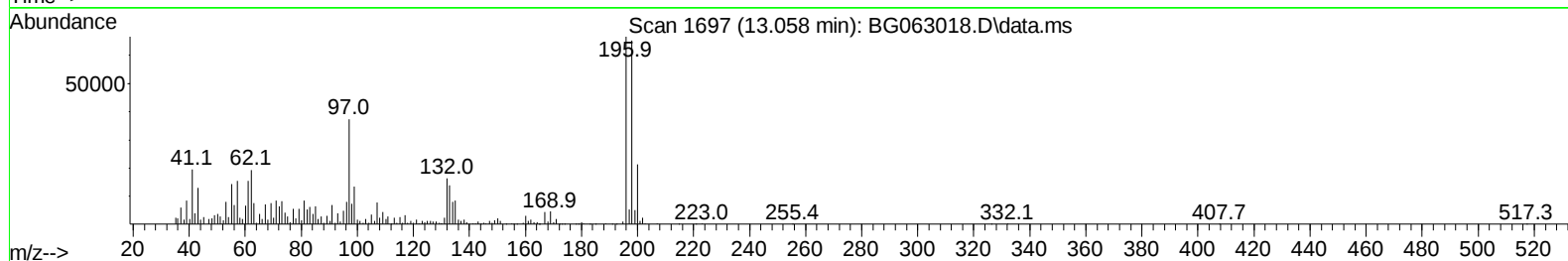
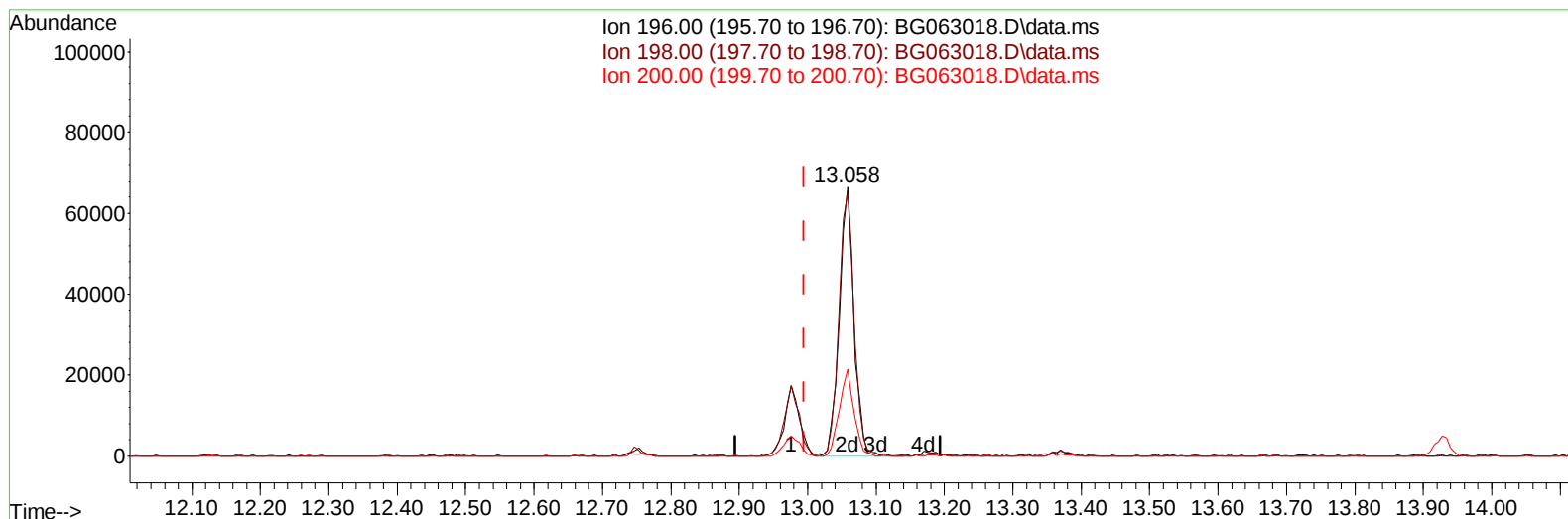
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
 Data File : BG063018.D
 Acq On : 24 Sep 2024 8:17
 Operator : RC/JU
 Sample : P3879-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCVZ9

Manual IntegrationsAPPROVED

Quant Time: Sep 24 08:52:52 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 09/26/2024
 Supervised By :mohammad ahmed 09/26/2024



TIC: BG063018.D\data.ms

(42) 2,4,5-Trichlorophenol

13.058min (+ 0.064) 80.47 ng/ul m

response 98409

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	94.40	97.82
200.00	31.90	32.18
0.00	0.00	0.00

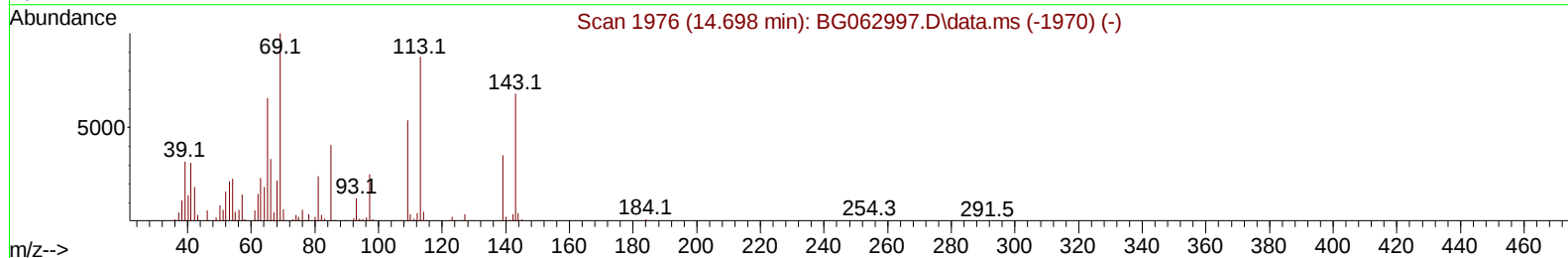
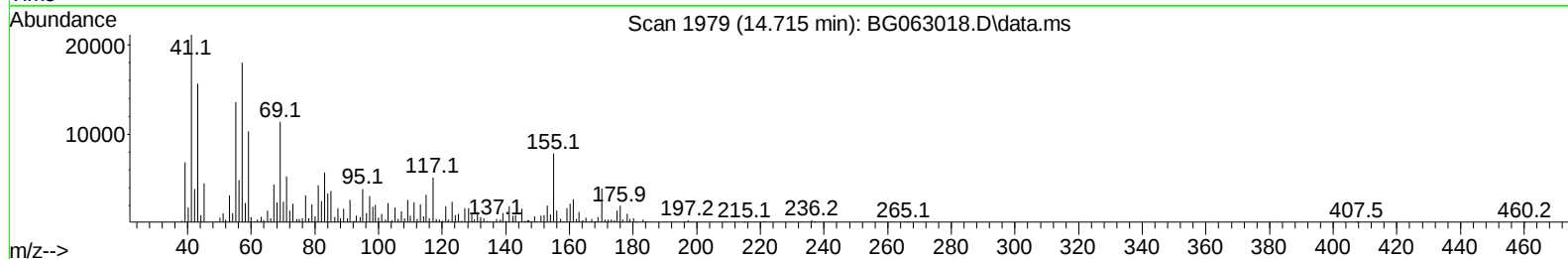
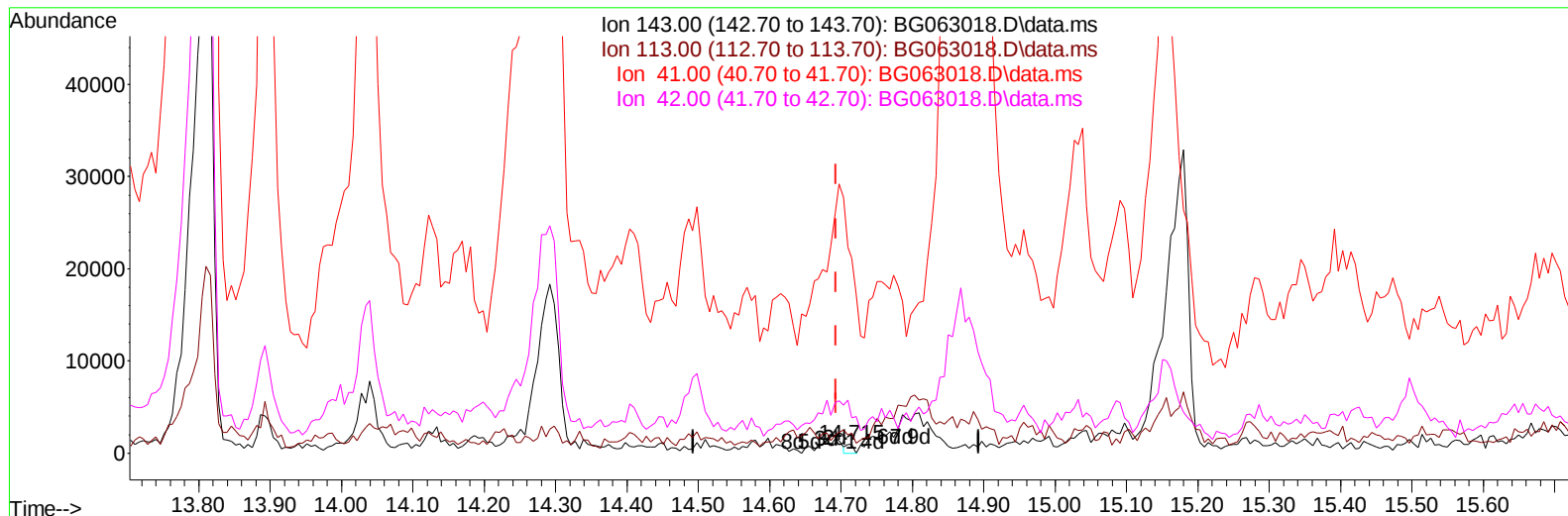
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063018.D
Acq On : 24 Sep 2024 8:17
Operator : RC/JU
Sample : P3879-11
Misc :
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TIC: BG063018.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.715min (+ 0.022) 1.03 ng/u1

response 645

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	101.50	235.47#
41.00	49.70	2295.01#
42.00	34.20	414.64#

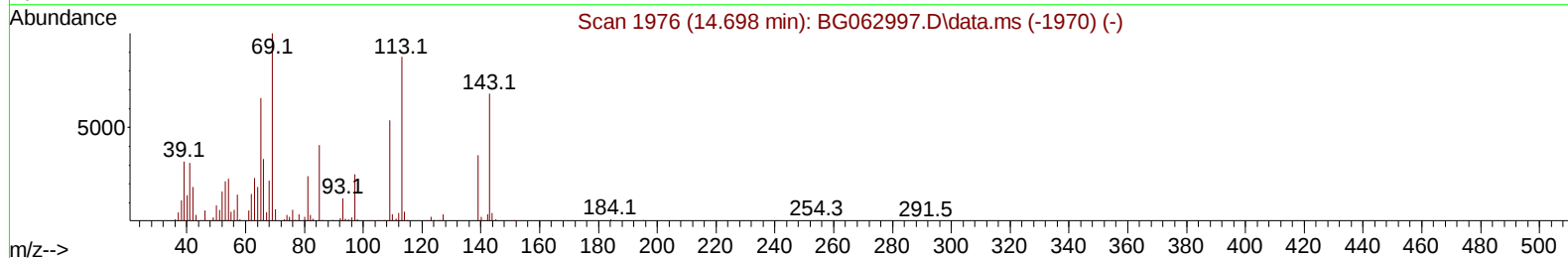
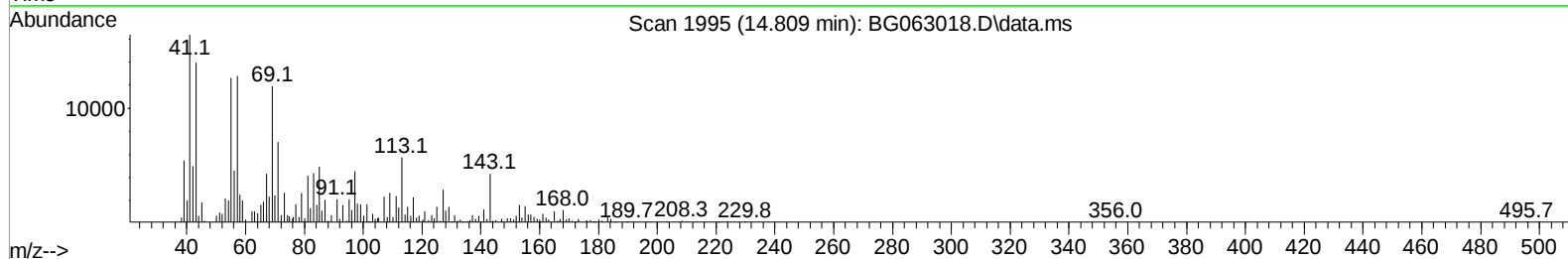
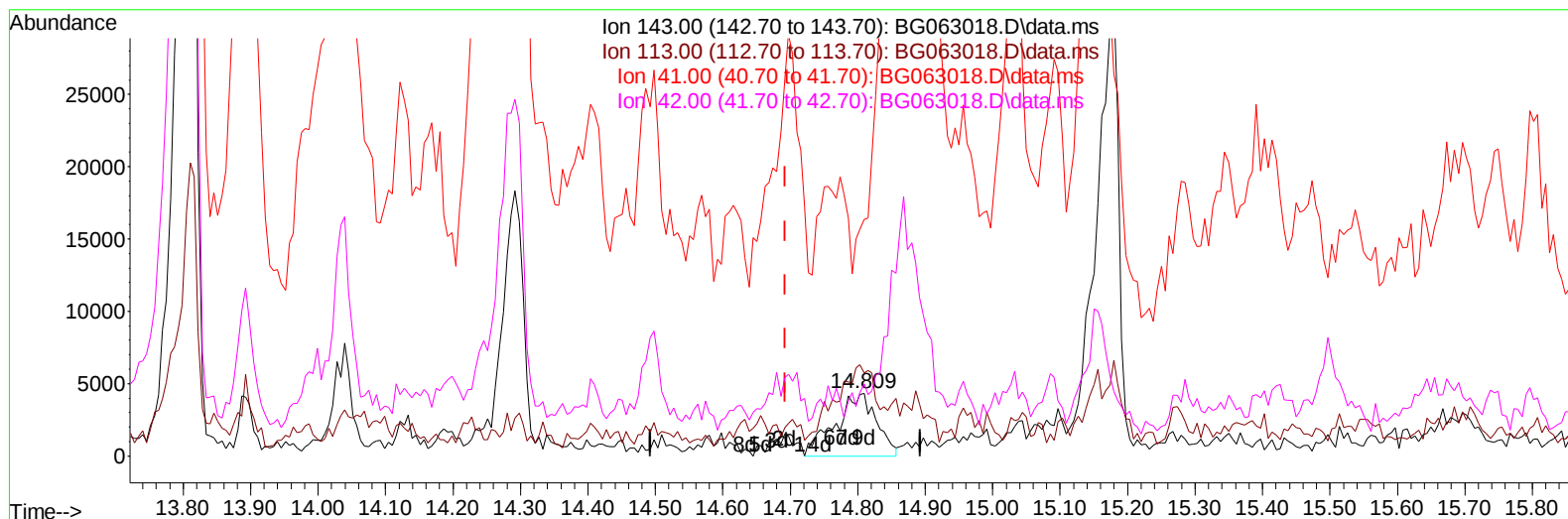
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063018.D
Acq On : 24 Sep 2024 8:17
Operator : RC/JU
Sample : P3879-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCVZ9

Manual IntegrationsAPPROVED

Quant Time: Sep 24 08:52:52 2024
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TIC: BG063018.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.809min (+ 0.116) 29.08 ng/ul m

response 18264

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	101.50	132.16#
41.00	49.70	376.33#
42.00	34.20	114.29#

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
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 Acq On : 24 Sep 2024 8:17
 Operator : RC/JU
 Sample : P3879-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCVZ9

Manual IntegrationsAPPROVED

Quant Time: Sep 26 01:55:58 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 09/26/2024
 Supervised By :mohammad ahmed 09/26/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	15051	20.000	ng/ul	0.01
20) Naphthalene-d8	10.661	136	61584	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.504	164	52712	20.000	ng/ul	0.02
64) Phenanthrene-d10	17.265	188	119397	20.000	ng/ul	# 0.03
79) Chrysene-d12	21.490	240	141459	20.000	ng/ul	# 0.00
88) Perylene-d12	24.527	264	176271	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	2450m	4.768	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.218	99	65875m	42.179	ng/ul	0.19
9) Bis-(2-Chloroethyl)eth...	7.206	67	29156	33.360	ng/ul	0.02
11) 2-Chlorophenol-d4	7.465	132	42007	40.968	ng/ul	0.08
15) 4-Methylphenol-d8	8.663	113	46512m	40.654	ng/ul	0.10
21) Nitrobenzene-d5	9.034	128	22522	45.905	ng/ul	0.03
24) 2-Nitrophenol-d4	9.750	143	26448	47.517	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.344	165	53487	46.316	ng/ul	0.08
31) 4-Chloroaniline-d4	10.779	131	13755	9.571	ng/ul	0.00
46) Dimethylphthalate-d6	13.928	166	160395	40.919	ng/ul	0.03
49) Acenaphthylene-d8	14.198	160	169772	38.778	ng/ul	0.02
54) 4-Nitrophenol-d4	14.809	143	18264m	29.076	ng/ul	0.12
60) Fluorene-d10	15.497	176	147808	40.497	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.620	200	36707	50.858	ng/ul	0.02
73) Anthracene-d10	17.359	188	251517	44.572	ng/ul	0.02
81) Pyrene-d10	19.639	212	335896	39.205	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.327	264	417295	44.889	ng/ul	0.02
Target Compounds						
23) Isophorone	9.615	82	610730m	210.546	ng/ul	
29) 2,4-Dichlorophenol	10.367	162	18096m	15.829	ng/ul	
30) Naphthalene	10.714	128	475351	139.014	ng/ul	97
36) 2-Methylnaphthalene	12.324	142	221618	89.938	ng/ul	97
37) 1-Methylnaphthalene	12.541	142	137580	55.170	ng/ul#	96
41) 2,4,6-Trichlorophenol	12.976	196	26443m	22.715	ng/ul	
42) 2,4,5-Trichlorophenol	13.058	196	98409m	80.468	ng/ul	
43) 1,1'-Biphenyl	13.329	154	18762	4.792	ng/ul#	62
47) Dimethylphthalate	13.969	163	9727	2.425	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.179	232	3004323	2729.912	ng/ul	95
61) Fluorene	15.550	166	14770	3.888	ng/ul	97
71) Pentachlorophenol	16.983	266	8803782	10073.752	ng/ul#	81
72) Phenanthrene	17.300	178	30744	4.847	ng/ul	97

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

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