

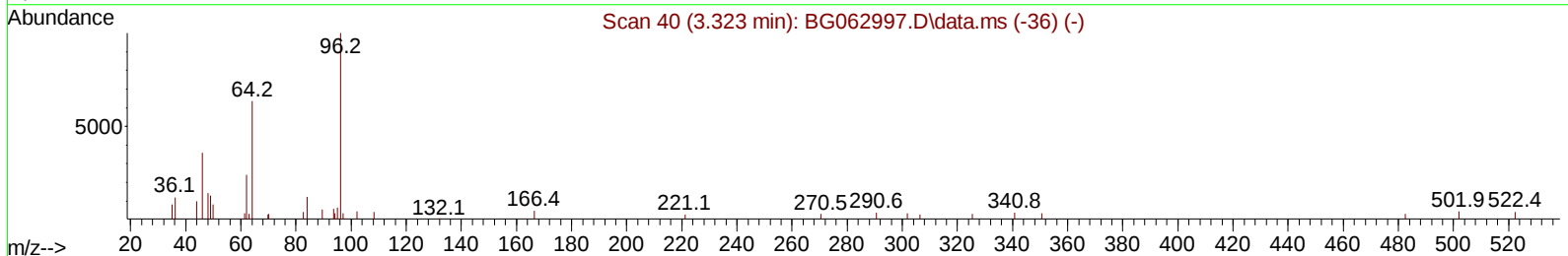
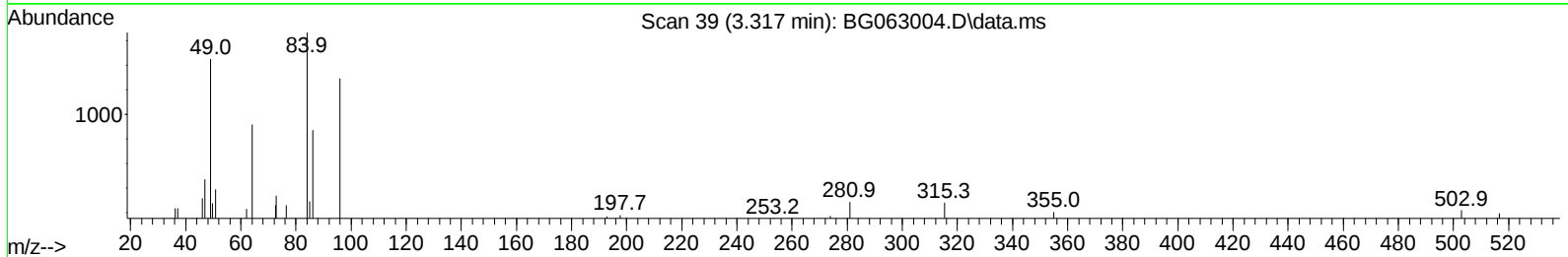
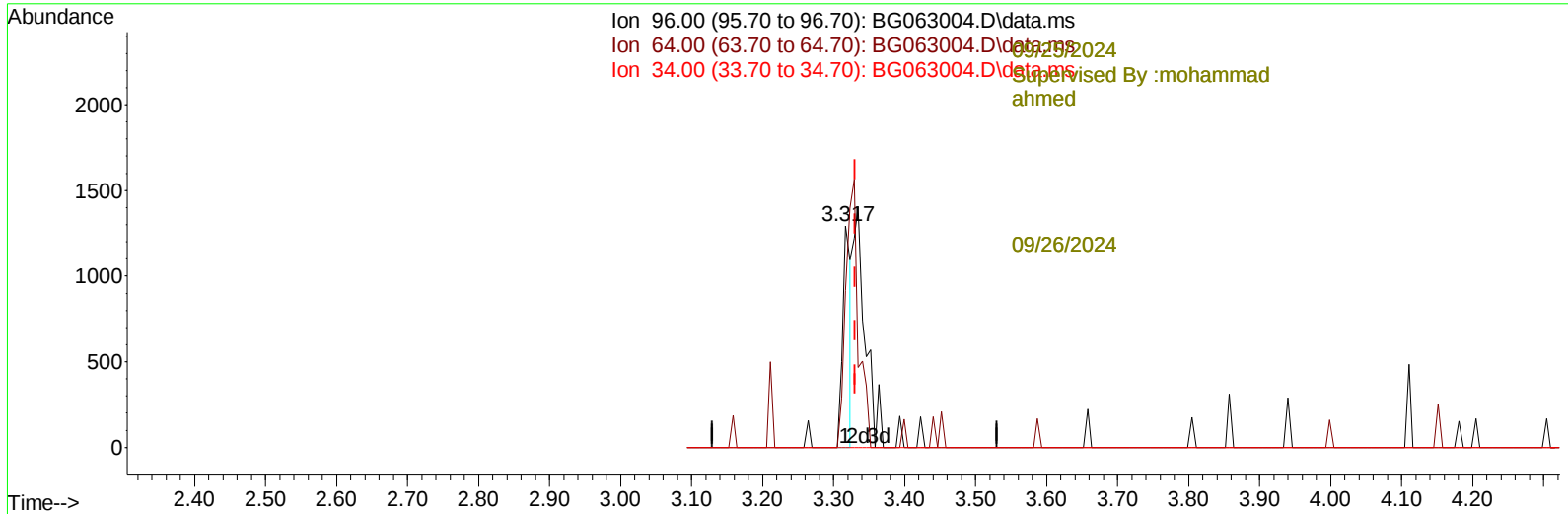
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063004.D
Acq On : 23 Sep 2024 22:27
Operator : RC/JU
Sample : P3879-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC78

Manual IntegrationsAPPROVED

Quant Time: Sep 23 23:49:19 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



TIC: BG063004.D\data.ms

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

3.317min (-0.013) 1.44 ng/uL

response 1018

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	75.20	70.87
34.00	0.00	0.00
0.00	0.00	0.00

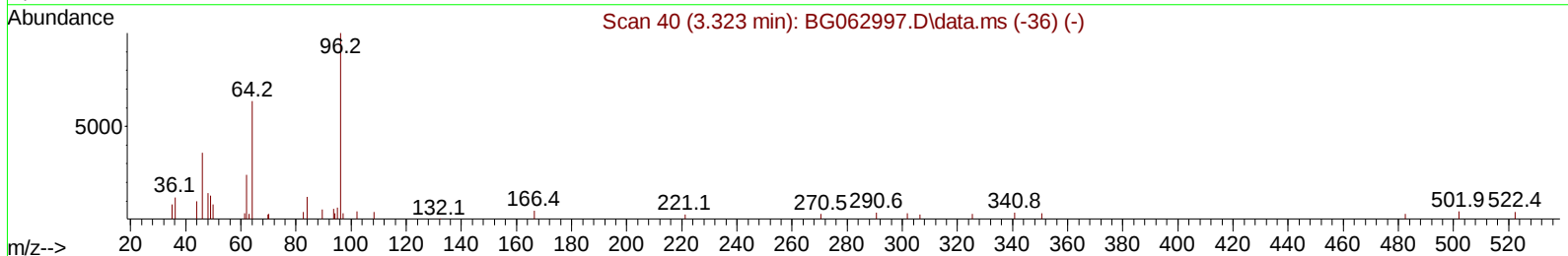
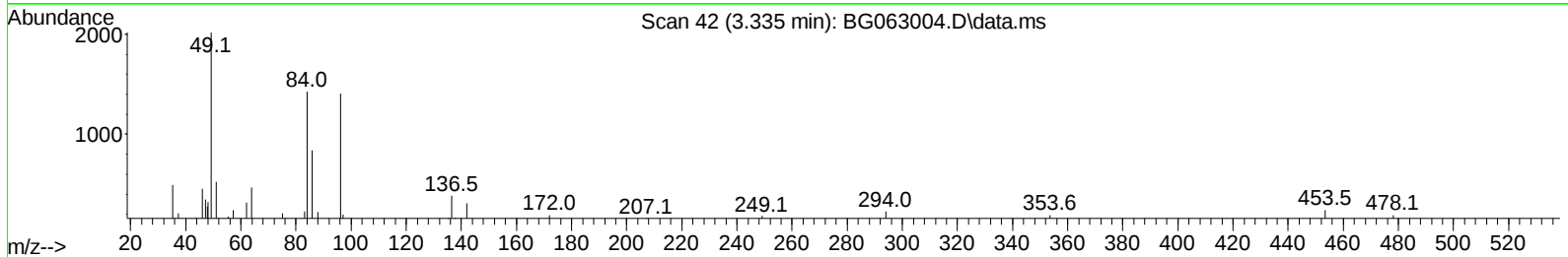
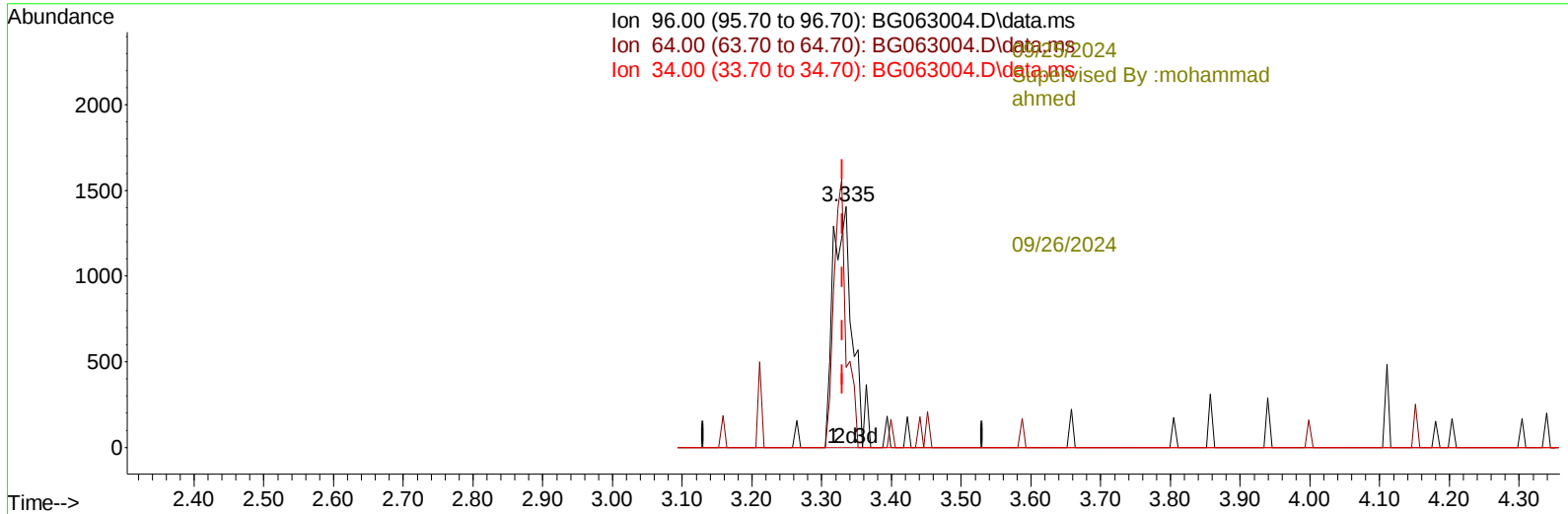
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063004.D
Acq On : 23 Sep 2024 22:27
Operator : RC/JU
Sample : P3879-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC78

Manual IntegrationsAPPROVED

Quant Time: Sep 23 23:49:19 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



TIC: BG063004.D\data.ms

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

3.335min (+ 0.005) 3.66 ng/uL m

response 2593

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	75.20	33.26#
34.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063004.D
Acq On : 23 Sep 2024 22:27
Operator : RC/JU
Sample : P3879-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC78

Manual IntegrationsAPPROVED

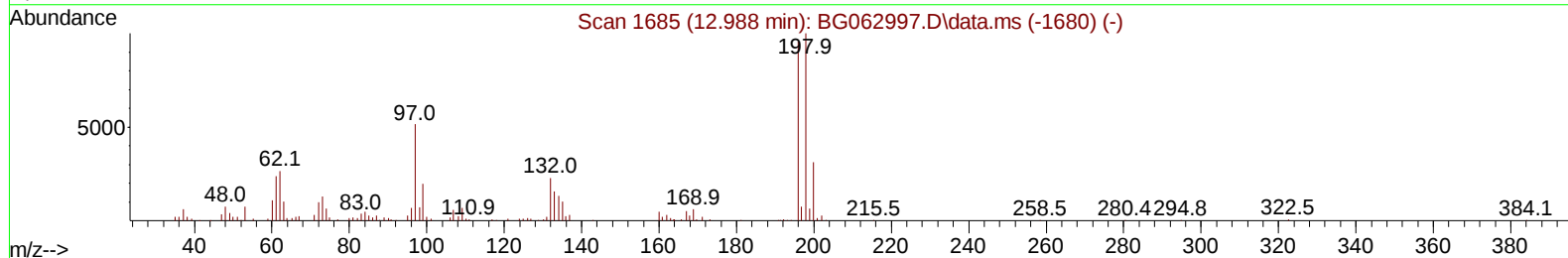
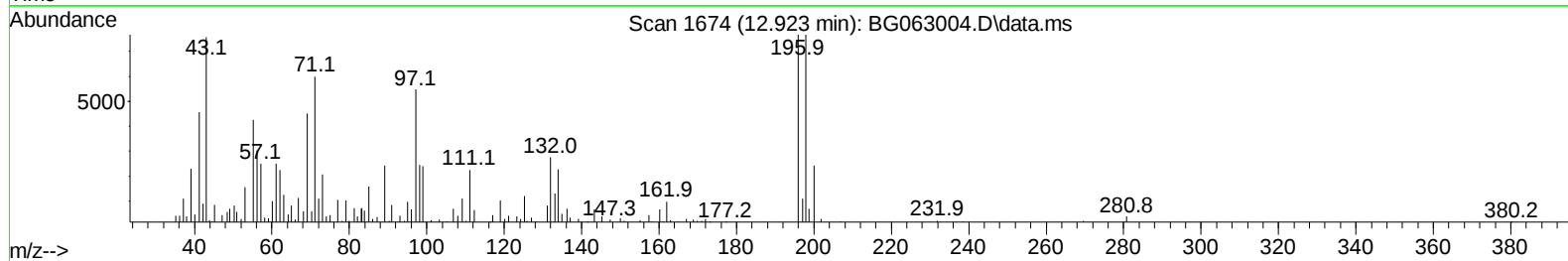
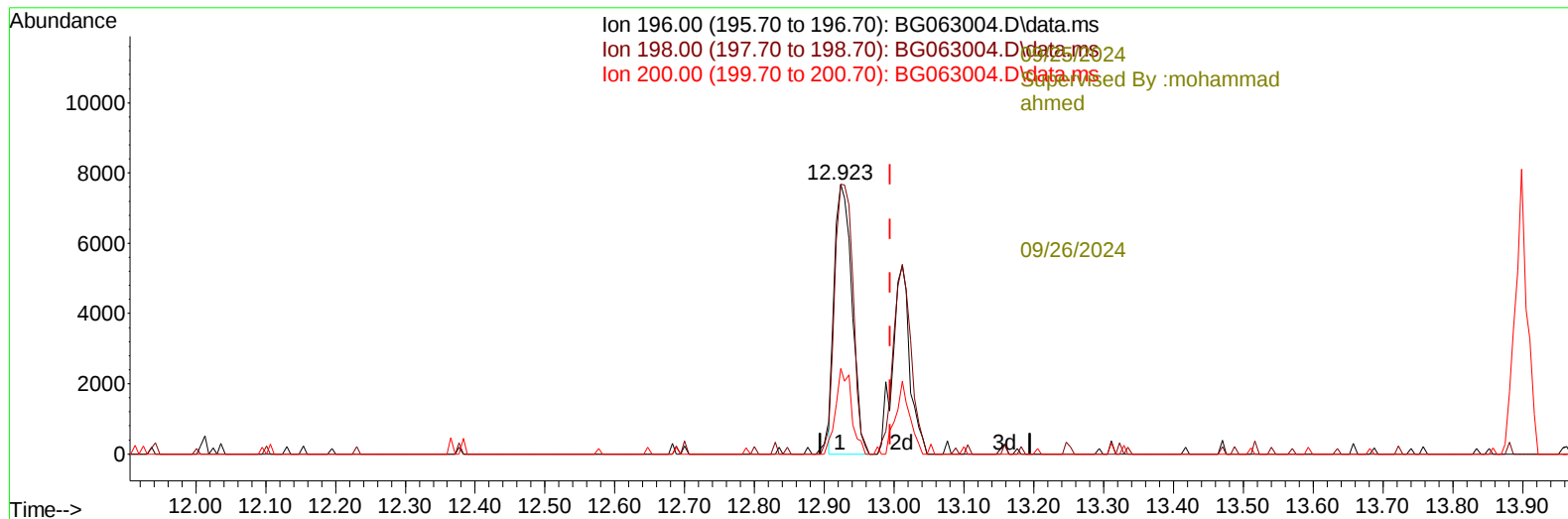
Quant Time: Sep 23 23:49:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh
Patel

Ion 196.00 (195.70 to 196.70): BG063004.D\data.ms
Ion 198.00 (197.70 to 198.70): BG063004.D\data.ms
Ion 200.00 (199.70 to 200.70): BG063004.D\data.ms

Supervised By :mohammad
ahmed

09/26/2024



TIC: BG063004.D\data.ms

(42) 2,4,5-Trichlorophenol

12.923min (-0.071) 6.99 ng/u1

response 13412

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	94.40	109.03
200.00	31.90	31.70
0.00	0.00	0.00

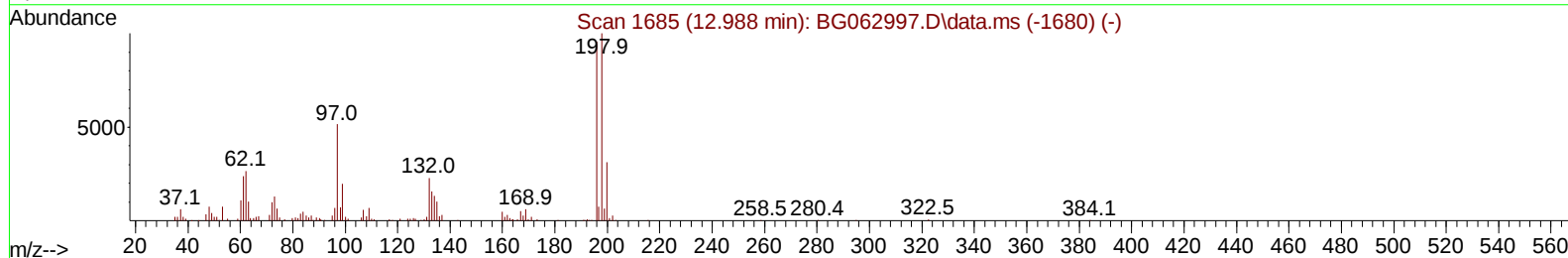
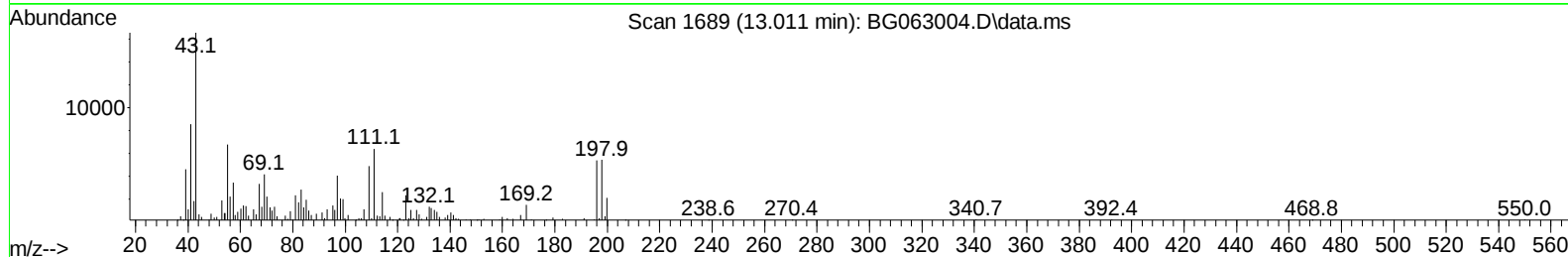
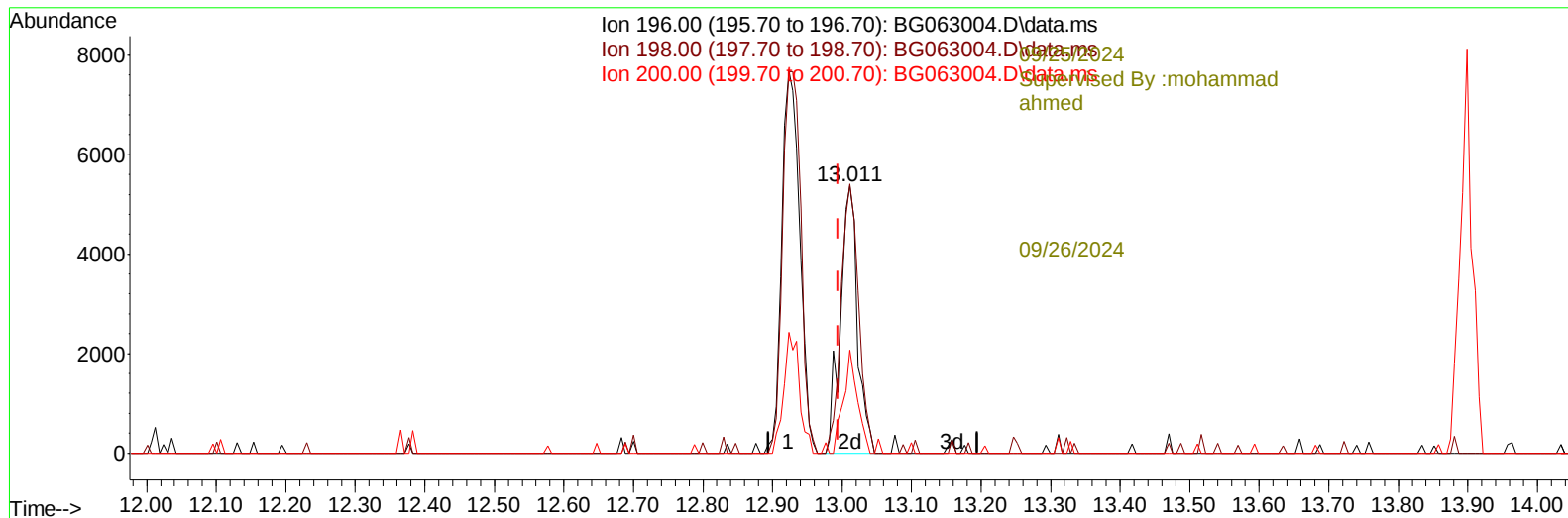
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063004.D
Acq On : 23 Sep 2024 22:27
Operator : RC/JU
Sample : P3879-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC78

Manual IntegrationsAPPROVED

Quant Time: Sep 23 23:49:19 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



TIC: BG063004.D\data.ms

(42) 2,4,5-Trichlorophenol

13.011min (+ 0.017) 4.75 ng/ul m

response 9123

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	94.40	100.75
200.00	31.90	38.67#
0.00	0.00	0.00

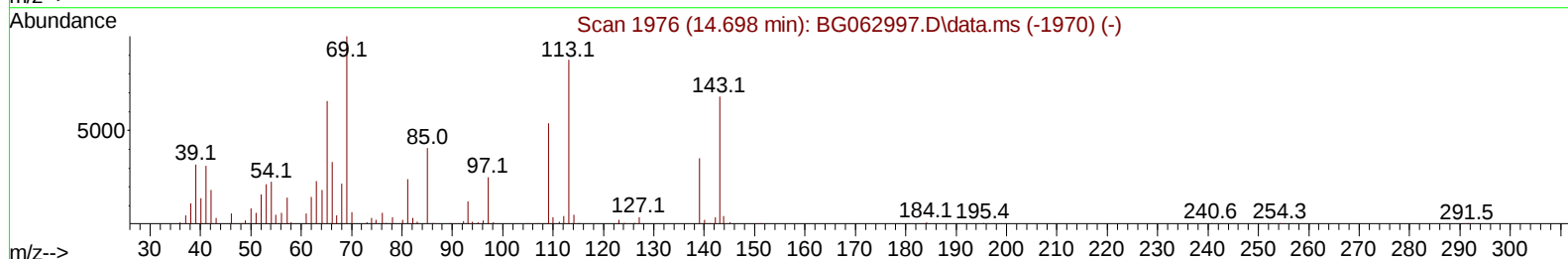
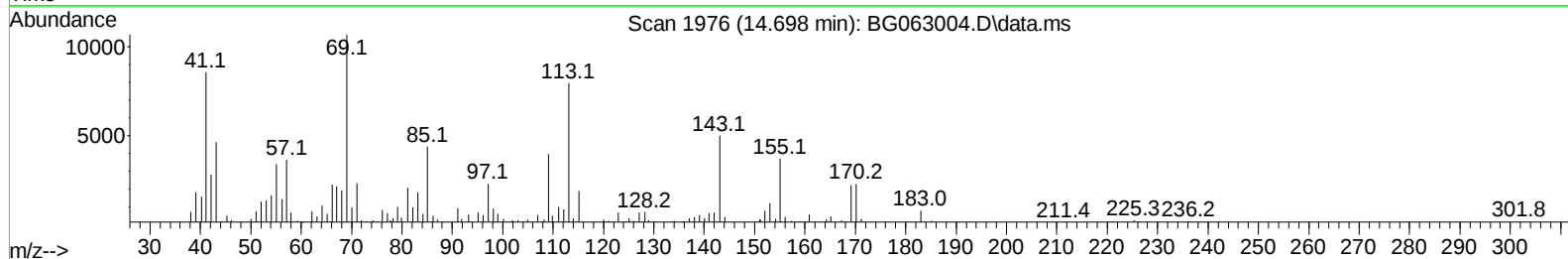
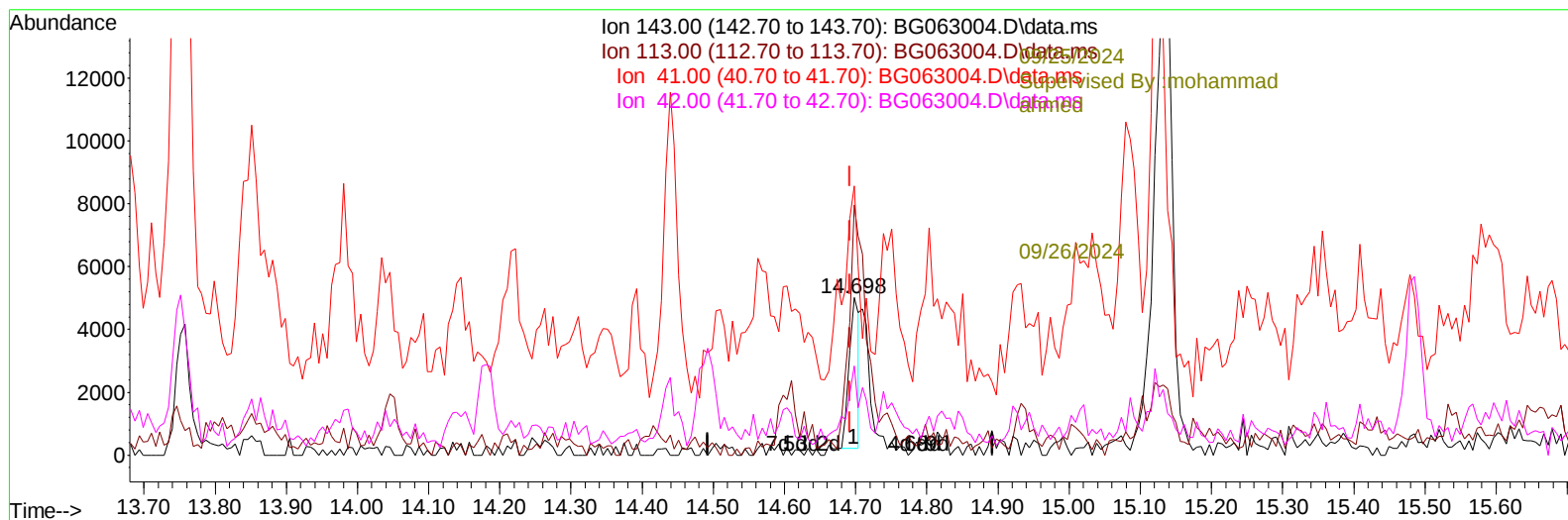
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063004.D
Acq On : 23 Sep 2024 22:27
Operator : RC/JU
Sample : P3879-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC78

Manual IntegrationsAPPROVED

Quant Time: Sep 23 23:49:19 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



TIC: BG063004.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.698min (+ 0.005) 4.74 ng/u1

response 4670

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	101.50	159.10#
41.00	49.70	170.92#
42.00	34.20	56.75#

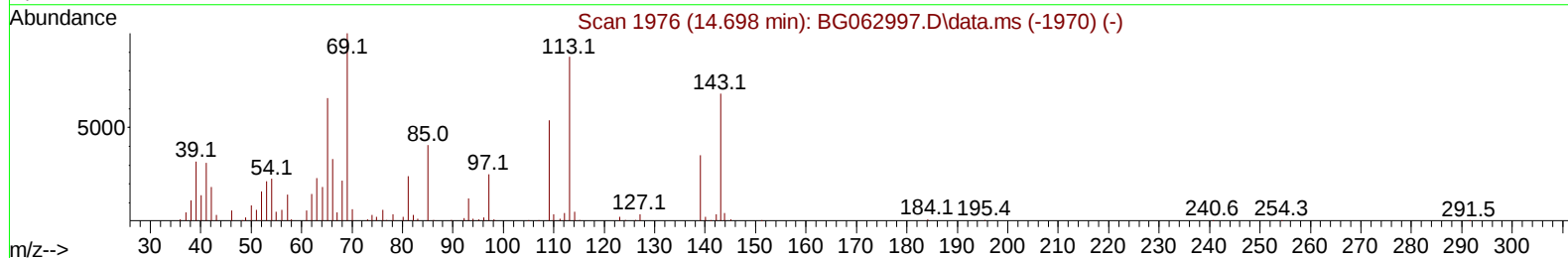
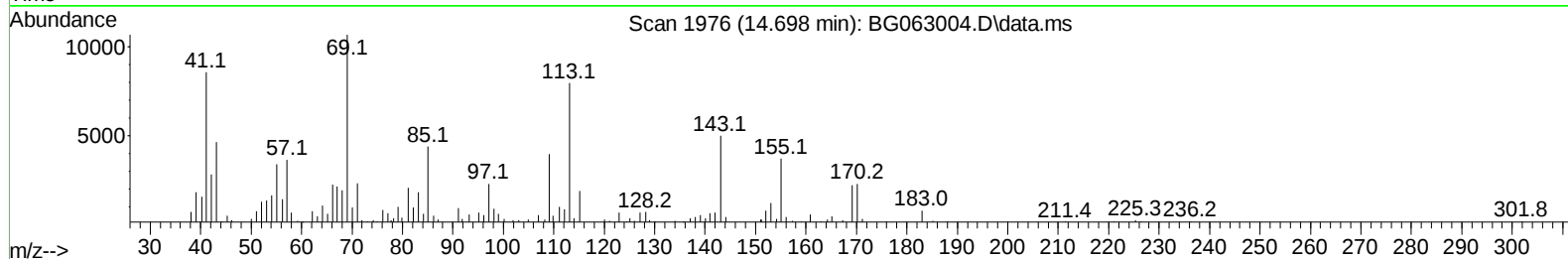
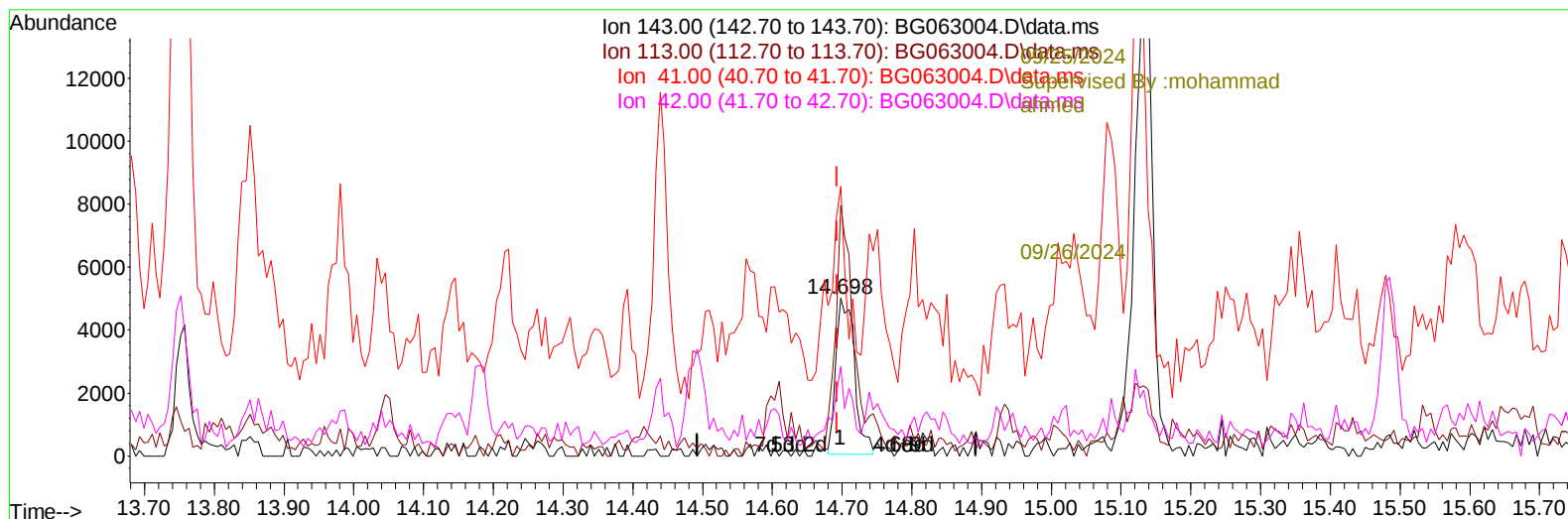
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063004.D
Acq On : 23 Sep 2024 22:27
Operator : RC/JU
Sample : P3879-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC78

Manual IntegrationsAPPROVED

Quant Time: Sep 23 23:49:19 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



TIC: BG063004.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.698min (+ 0.005) 9.32 ng/ul m

response 9184

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	101.50	159.10#
41.00	49.70	170.92#
42.00	34.20	56.75#

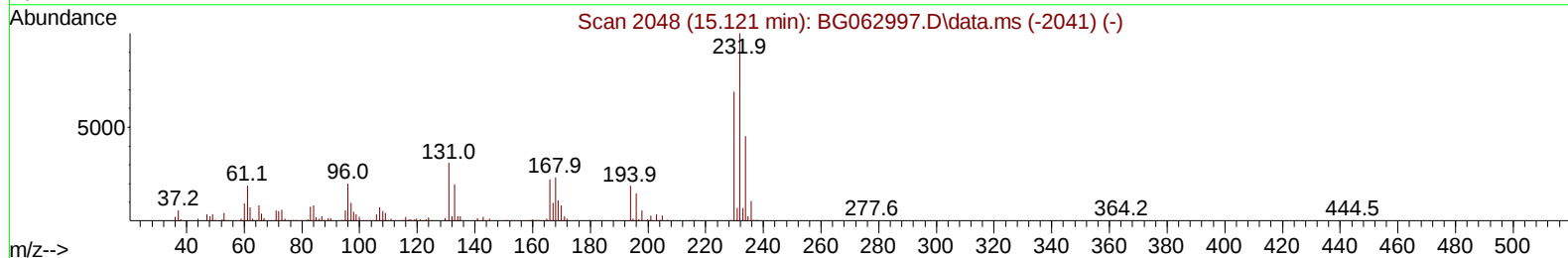
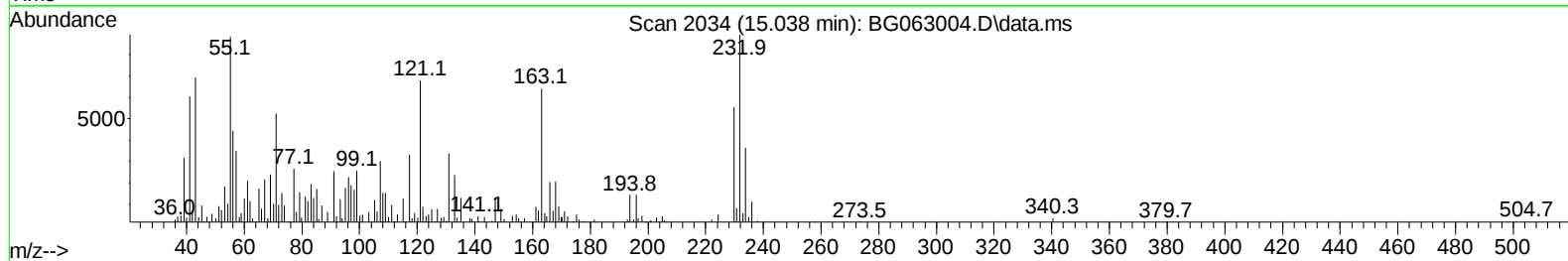
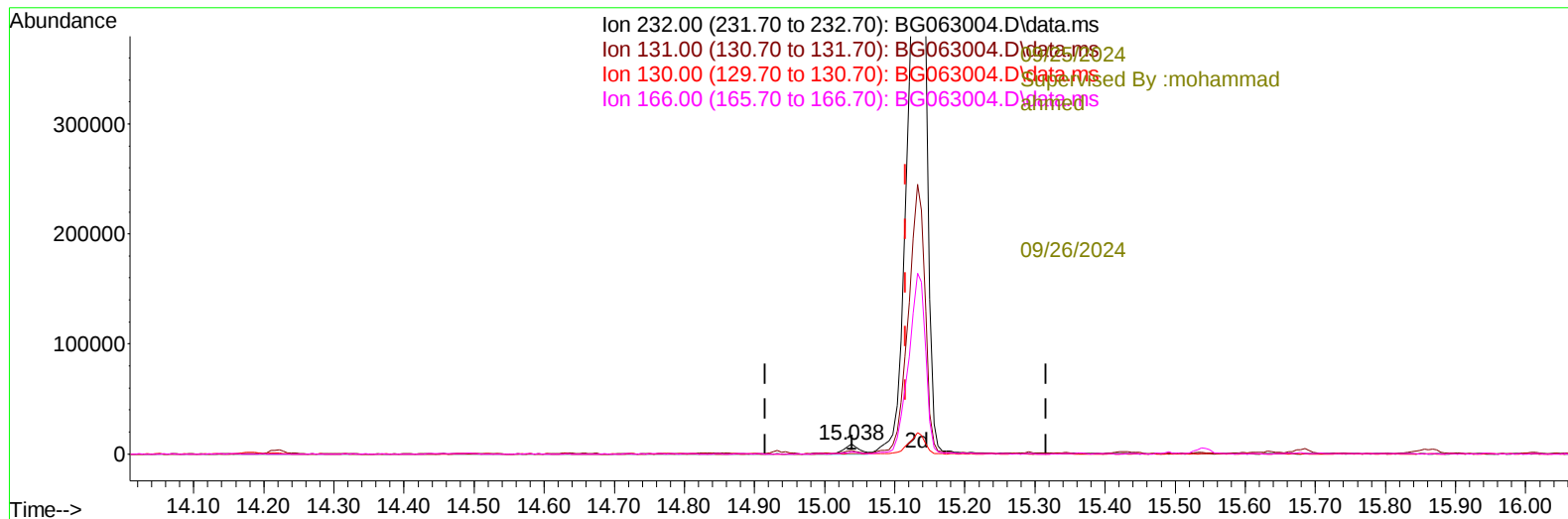
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063004.D
Acq On : 23 Sep 2024 22:27
Operator : RC/JU
Sample : P3879-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC78

Manual IntegrationsAPPROVED

Quant Time: Sep 23 23:49:19 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



TIC: BG063004.D\data.ms

(58) 2,3,4,6-Tetrachlorophenol

15.038min (-0.077) 7.27 ng/u1

response 12545

Ion	Exp%	Act%
232.00	100.00	100.00
131.00	39.90	37.64
130.00	2.40	2.34
166.00	27.60	22.60

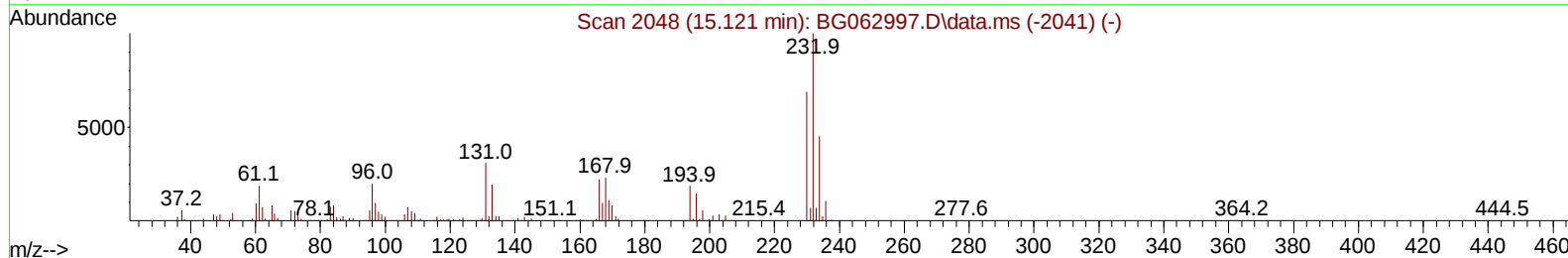
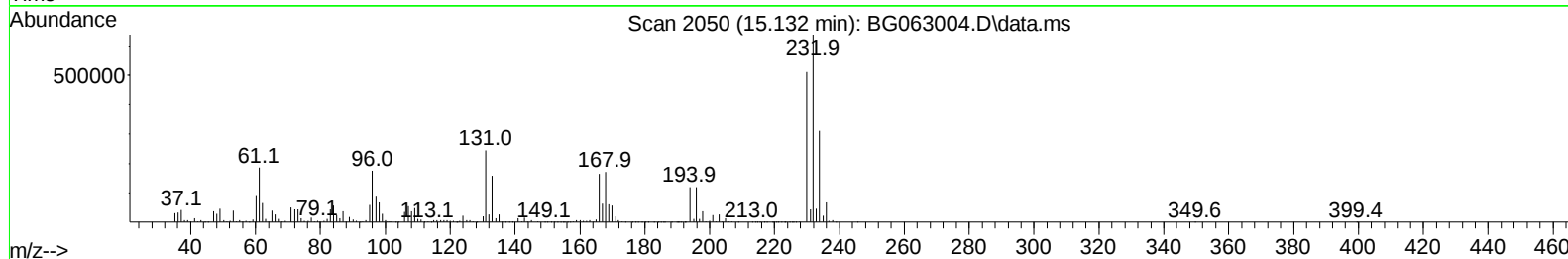
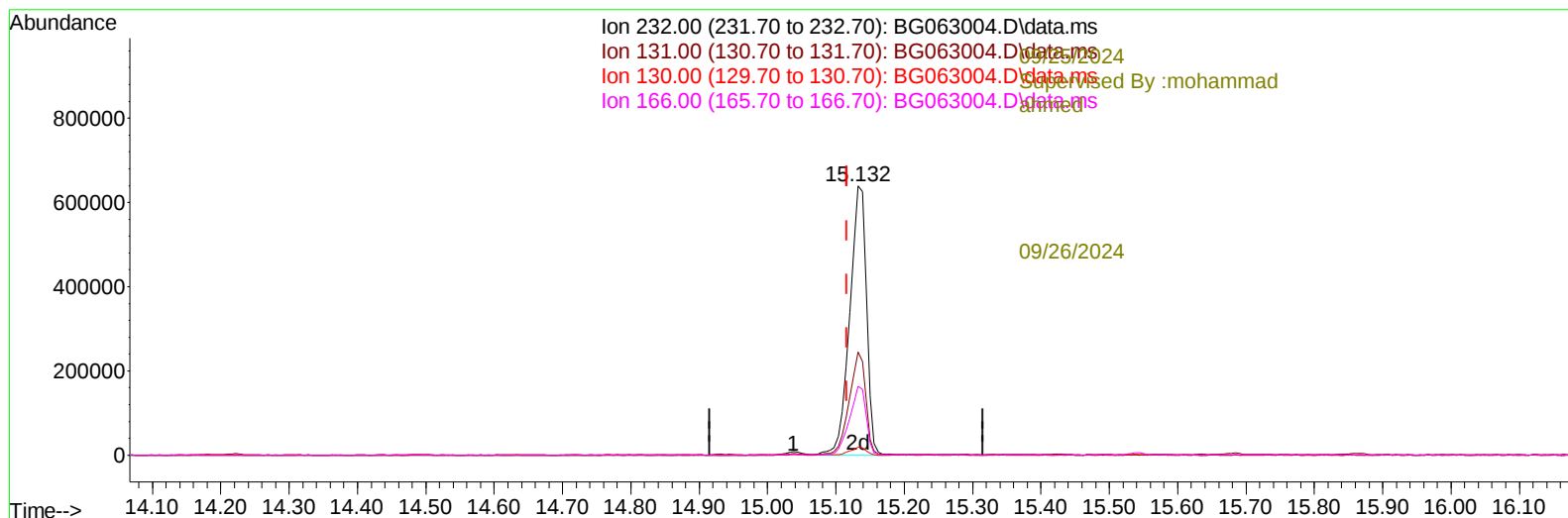
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063004.D
Acq On : 23 Sep 2024 22:27
Operator : RC/JU
Sample : P3879-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC78

Manual IntegrationsAPPROVED

Quant Time: Sep 23 23:49:19 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



TIC: BG063004.D\data.ms

(58) 2,3,4,6-Tetrachlorophenol

15.132min (+ 0.017) 629.73 ng/ul m

response 1087291

Ion	Exp%	Act%
232.00	100.00	100.00
131.00	39.90	38.35
130.00	2.40	3.04#
166.00	27.60	25.71

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063004.D
Acq On : 23 Sep 2024 22:27
Operator : RC/JU
Sample : P3879-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_G

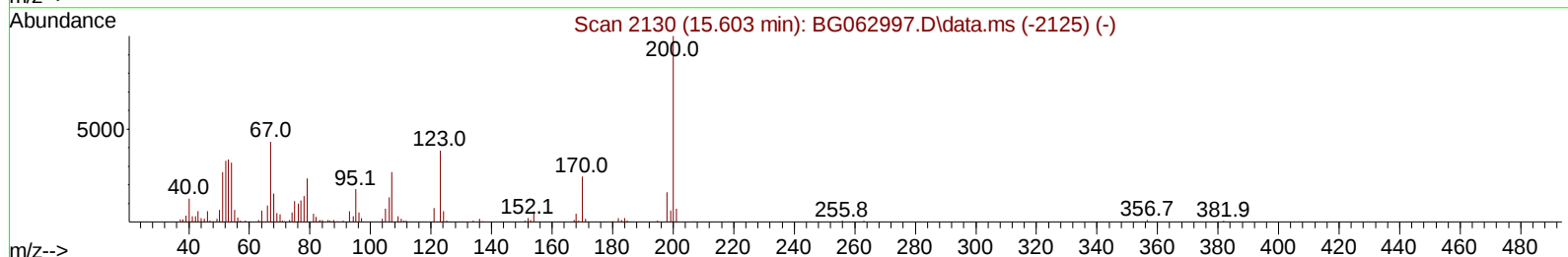
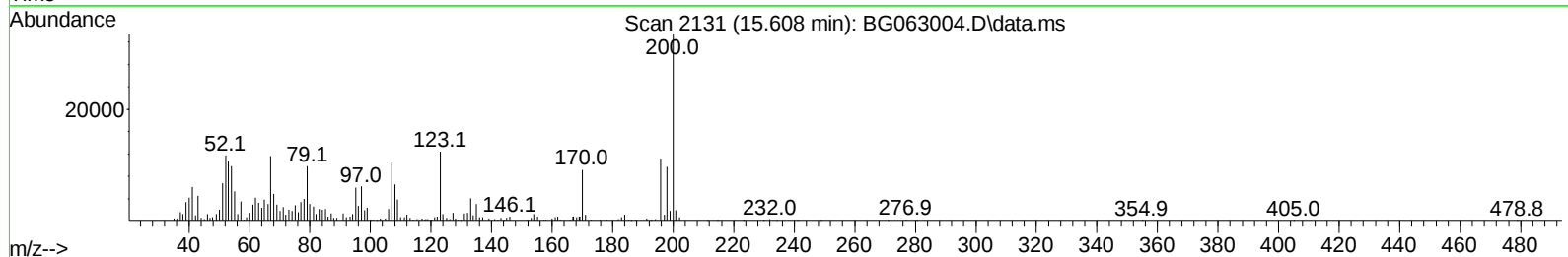
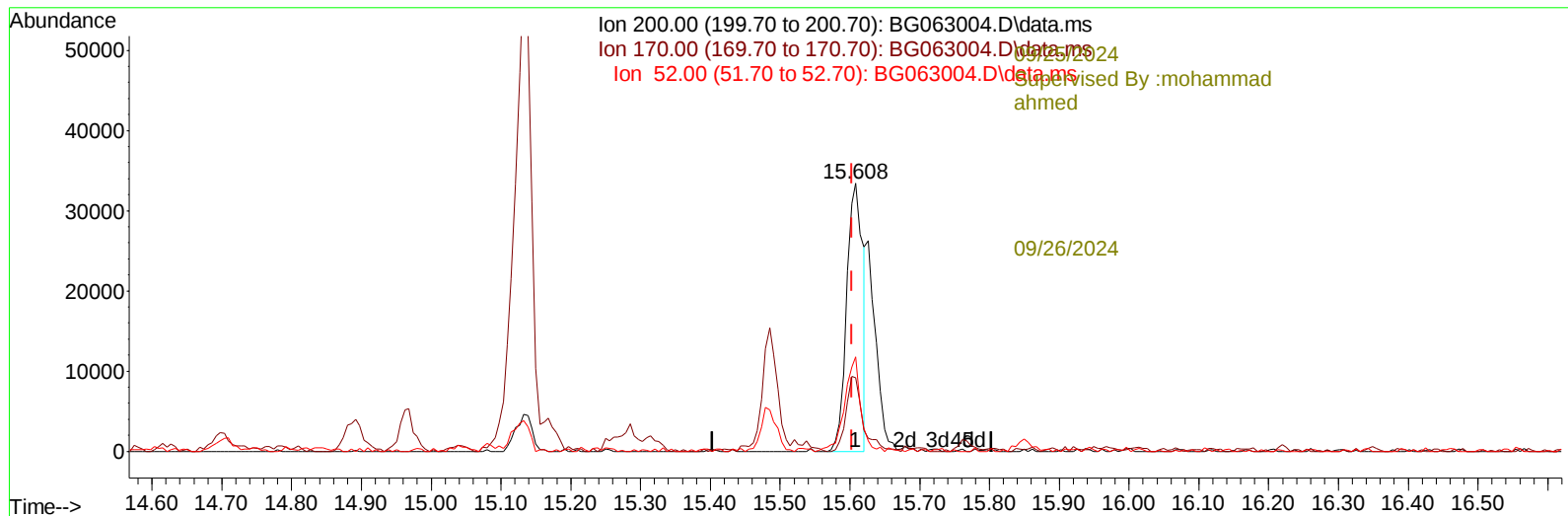
ClientSampleId :

DDC78

Manual IntegrationsAPPROVED

Quant Time: Sep 23 23:49:19 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



TIC: BG063004.D\data.ms

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

15.608min (+ 0.005) 56.36 ng/u1

response 54263

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.60	27.47#
52.00	36.60	35.15
0.00	0.00	0.00

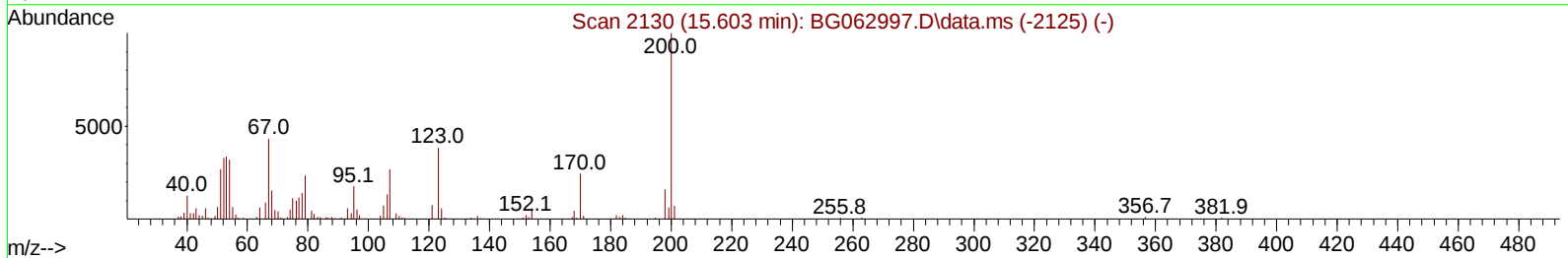
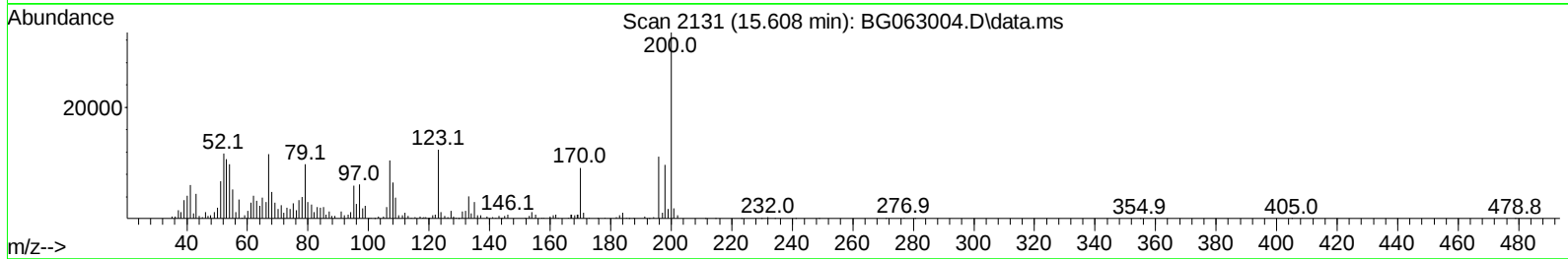
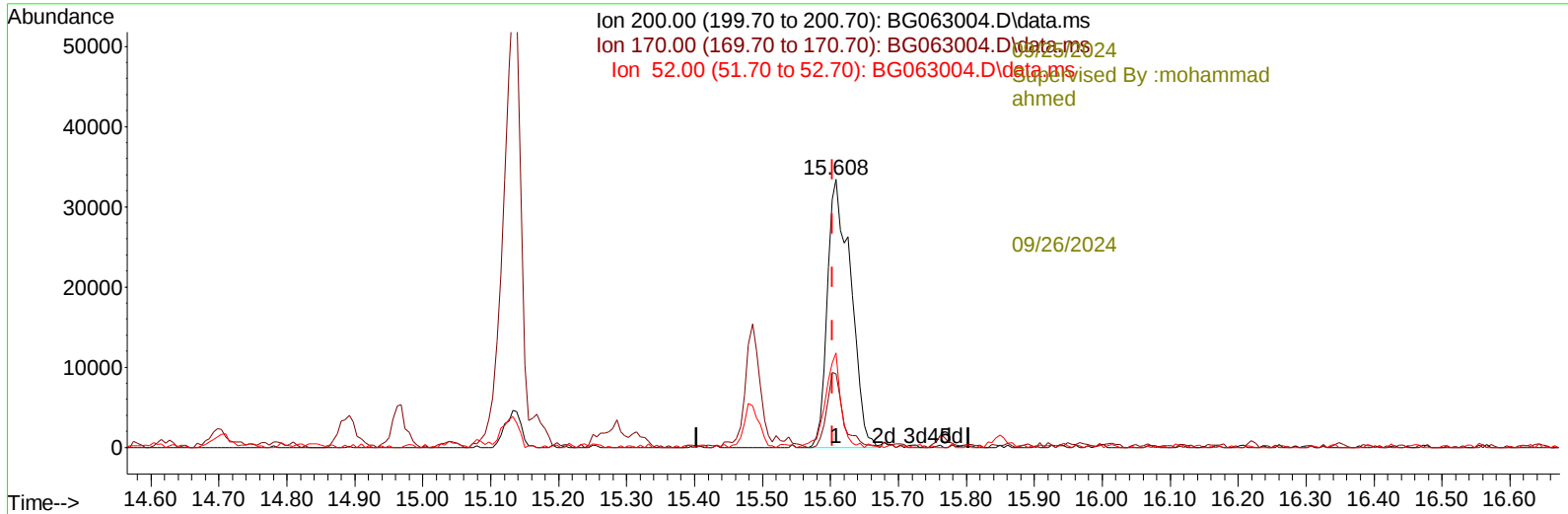
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063004.D
Acq On : 23 Sep 2024 22:27
Operator : RC/JU
Sample : P3879-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC78

Manual IntegrationsAPPROVED

Quant Time: Sep 23 23:49:19 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



TIC: BG063004.D\data.ms

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

15.608min (+ 0.005) 82.66 ng/ul m

response 79595

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.60	27.47#
52.00	36.60	35.15
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
 Data File : BG063004.D
 Acq On : 23 Sep 2024 22:27
 Operator : RC/JU
 Sample : P3879-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC78

Manual IntegrationsAPPROVED

Quant Time: Sep 23 23:51:31 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----09/25/2024						
Supervised By :mohammad ali						
-----09/26/2024						
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	20758	20.000	ng/ul	0.00
20) Naphthalene-d8	10.644	136	88897	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.486	164	82700	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.248	188	159285	20.000	ng/ul	# 0.01
79) Chrysene-d12	21.490	240	184591	20.000	ng/ul	# 0.00
88) Perylene-d12	24.533	264	286341	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	2593m	3.659	ng/uL	0.00
4) Pyridine-d5	3.740	84	8748	4.547	ng/ul	0.00
7) Phenol-d5	7.065	99	19762	9.175	ng/ul	0.03
9) Bis-(2-Chloroethyl)eth...	7.189	67	24742	20.526	ng/ul	0.00
11) 2-Chlorophenol-d4	7.406	132	33365	23.593	ng/ul	0.02
15) 4-Methylphenol-d8	8.581	113	40077	25.399	ng/ul	0.02
21) Nitrobenzene-d5	9.010	128	22279	31.458	ng/ul	0.00
24) 2-Nitrophenol-d4	9.727	143	26559	33.056	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.285	165	68317	40.982	ng/ul	0.02
31) 4-Chloroaniline-d4	10.761	131	4289	2.067	ng/ul	-0.02
46) Dimethylphthalate-d6	13.899	166	222018	36.101	ng/ul	0.00
49) Acenaphthylene-d8	14.181	160	151208	22.014	ng/ul	0.00
54) 4-Nitrophenol-d4	14.698	143	9184m	9.319	ng/ul	0.00
60) Fluorene-d10	15.485	176	195735	34.182	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.608	200	79595m	82.664	ng/ul	0.00
73) Anthracene-d10	17.348	188	226037	30.026	ng/ul	0.01
81) Pyrene-d10	19.633	212	294867	26.374	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.328	264	462553	30.630	ng/ul	0.02
Target Compounds						
						Qvalue
23) Isophorone	9.574	82	75071	17.929	ng/ul#	92
30) Naphthalene	10.697	128	98216	19.898	ng/ul#	97
36) 2-Methylnaphthalene	12.306	142	61117	17.182	ng/ul	98
37) 1-Methylnaphthalene	12.530	142	46833	13.010	ng/ul	87
41) 2,4,6-Trichlorophenol	12.923	196	13896	7.609	ng/ul	92
42) 2,4,5-Trichlorophenol	13.011	196	9123m	4.755	ng/ul	
43) 1,1'-Biphenyl	13.323	154	6258	1.019	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.132	232	1087291m	629.726	ng/ul	
61) Fluorene	15.538	166	8922	1.497	ng/ul#	91
71) Pentachlorophenol	16.954	266	5339750	4579.957	ng/ul#	83
72) Phenanthrene	17.283	178	13614	1.609	ng/ul#	96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063004.D
Acq On : 23 Sep 2024 22:27
Operator : RC/JU
Sample : P3879-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDC78

Manual IntegrationsAPPROVED

Quant Time: Sep 23 23:51:31 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

