

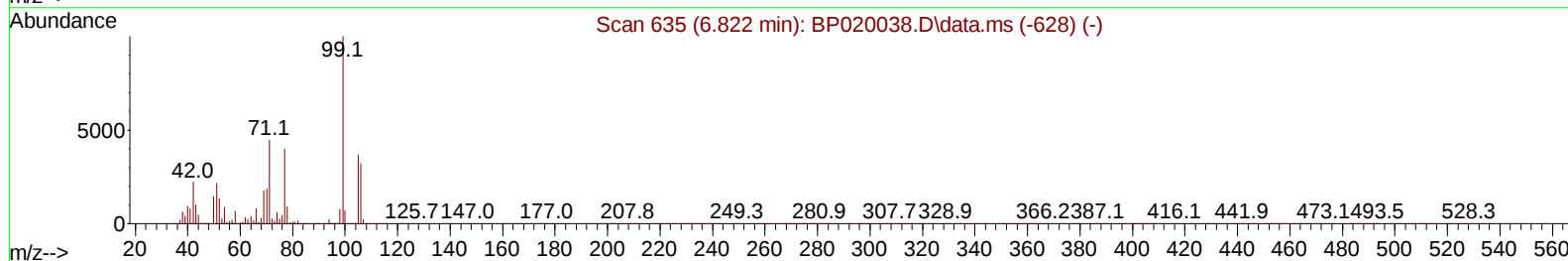
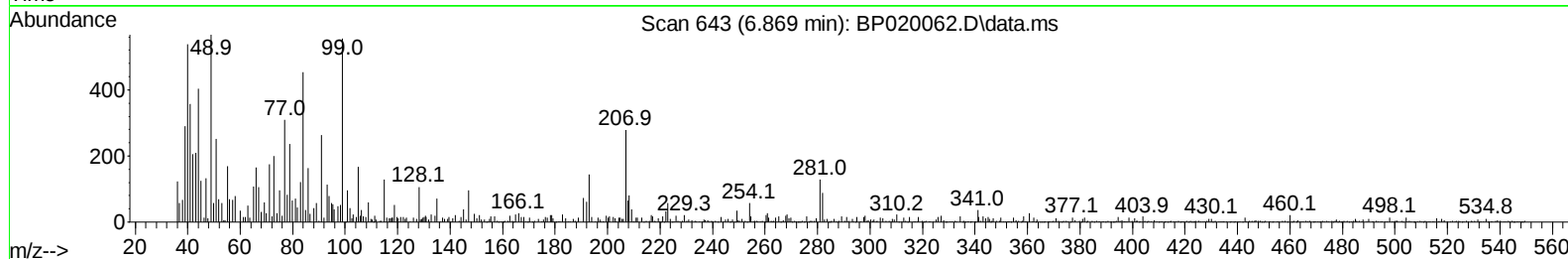
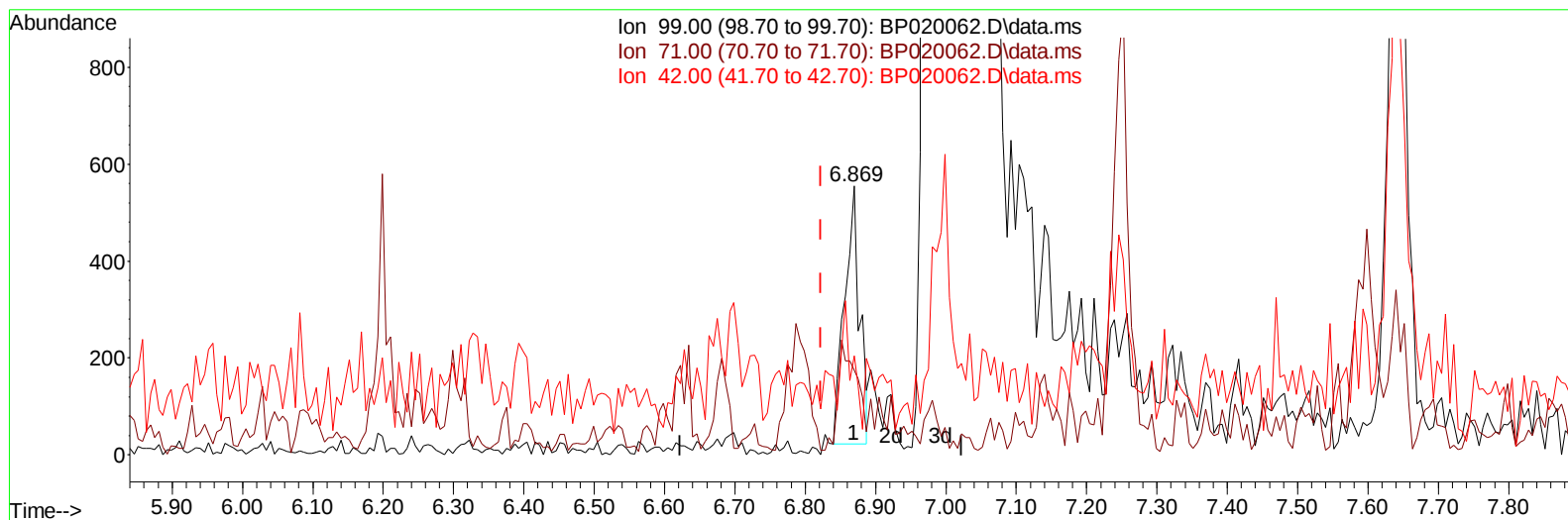
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
Data File : BP020062.D
Acq On : 21 Apr 2024 04:54
Operator : MA/JU
Sample : P2104-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CORE1DL

Manual IntegrationsAPPROVED

Quant Time: Apr 22 00:30:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 20 01:32:50 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



TIC: BP020062.D\data.ms

(7) Phenol-d5 (S)

6.869min (+ 0.047) 0.07 ng/u1

response 789

Ion	Exp%	Act%
99.00	100.00	100.00
71.00	45.80	31.53#
42.00	22.40	36.94#
0.00	0.00	0.00

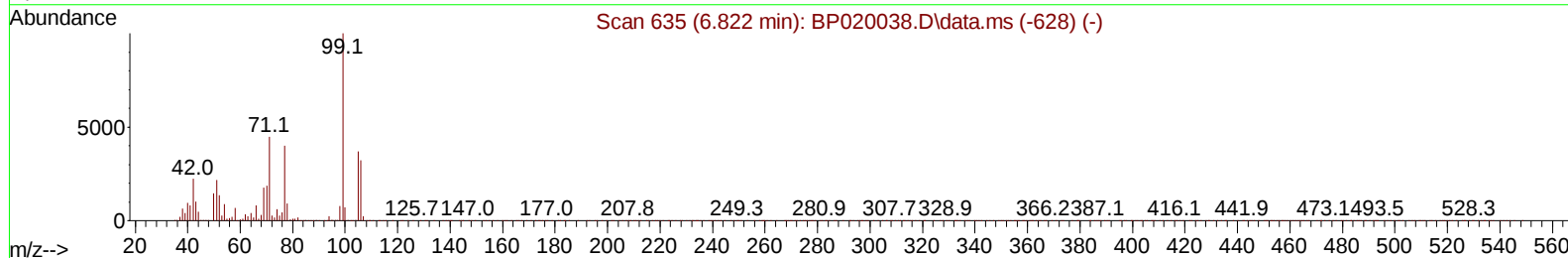
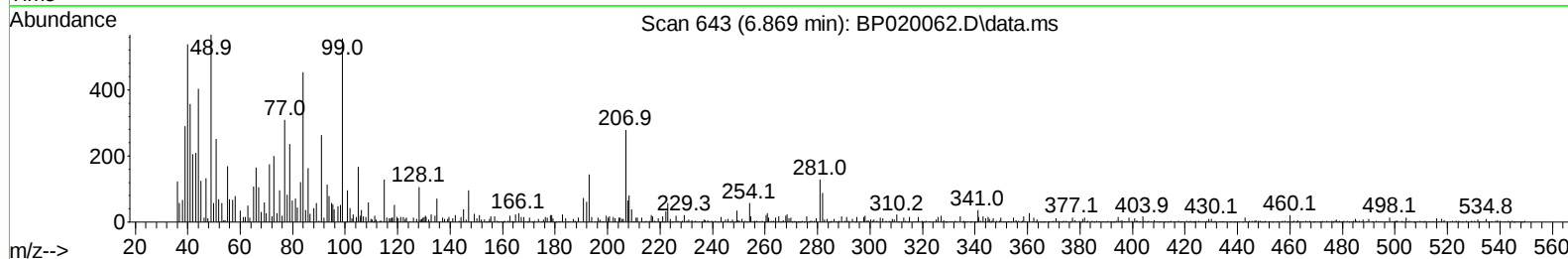
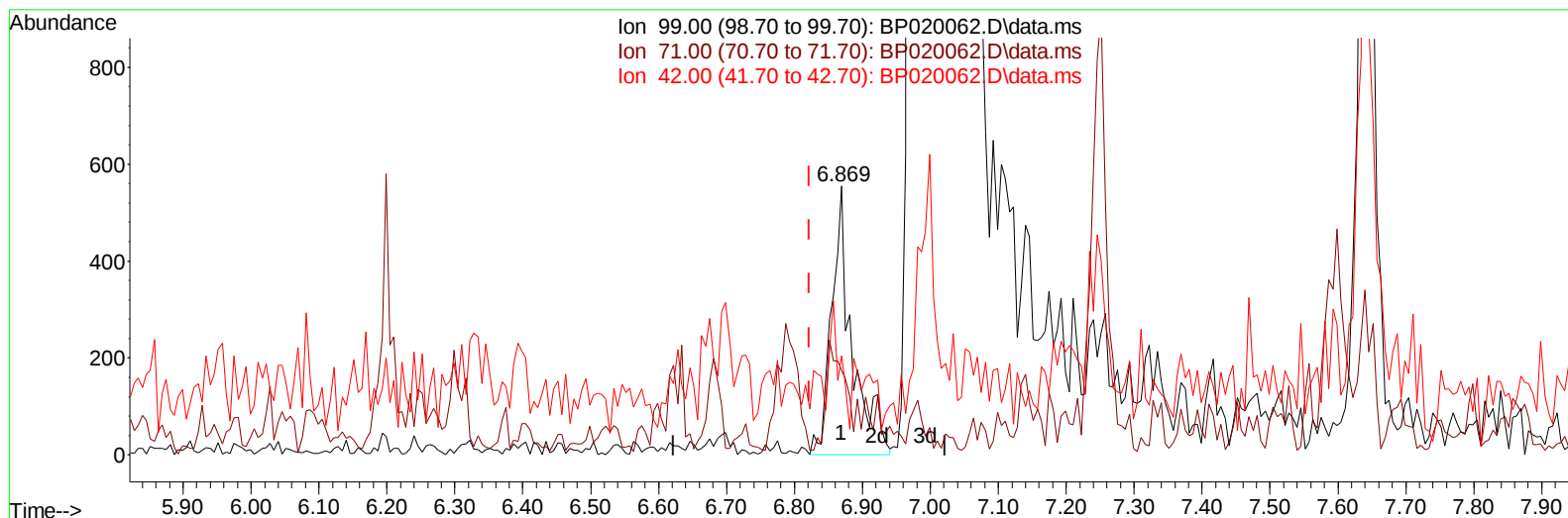
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
Data File : BP020062.D
Acq On : 21 Apr 2024 04:54
Operator : MA/JU
Sample : P2104-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CORE1DL

Manual IntegrationsAPPROVED

Quant Time: Apr 22 00:30:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 20 01:32:50 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



TIC: BP020062.D\data.ms

(7) Phenol-d5 (S)

6.869min (+ 0.047) 0.10 ng/ul m

response 1163

Ion	Exp%	Act%
99.00	100.00	100.00
71.00	45.80	31.53#
42.00	22.40	36.94#
0.00	0.00	0.00

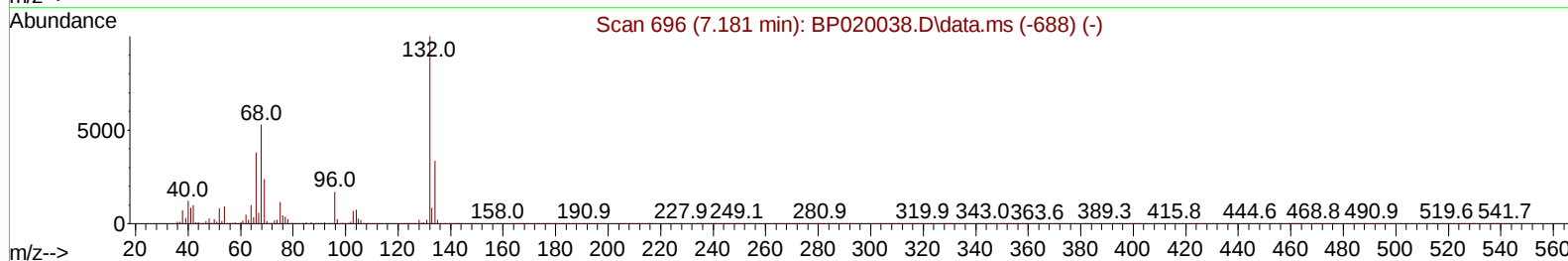
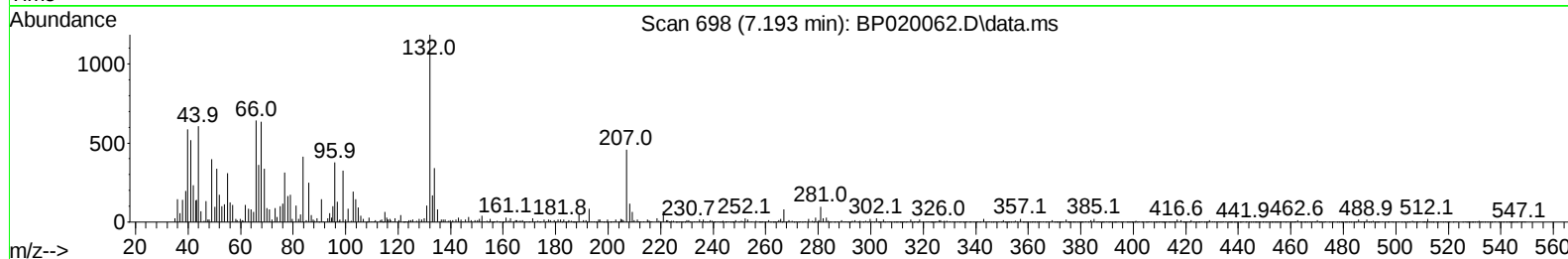
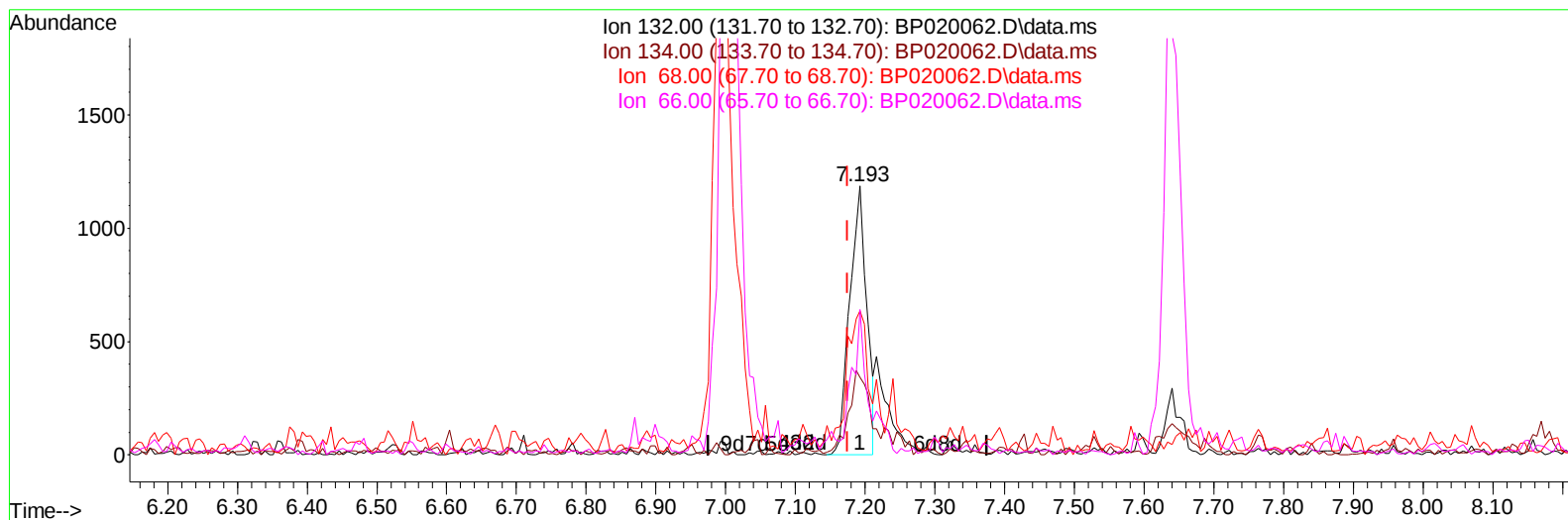
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
 Data File : BP020062.D
 Acq On : 21 Apr 2024 04:54
 Operator : MA/JU
 Sample : P2104-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0RE1DL

Manual IntegrationsAPPROVED

Quant Time: Apr 22 00:30:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 20 01:32:50 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/24/2024



TIC: BP020062.D\data.ms

(11) 2-Chlorophenol-d4 (S)

7.193min (+ 0.018) 0.25 ng/u1

response 1995

Ion	Exp%	Act%
132.00	100.00	100.00
134.00	33.90	28.95
68.00	55.50	53.59
66.00	40.30	54.09#

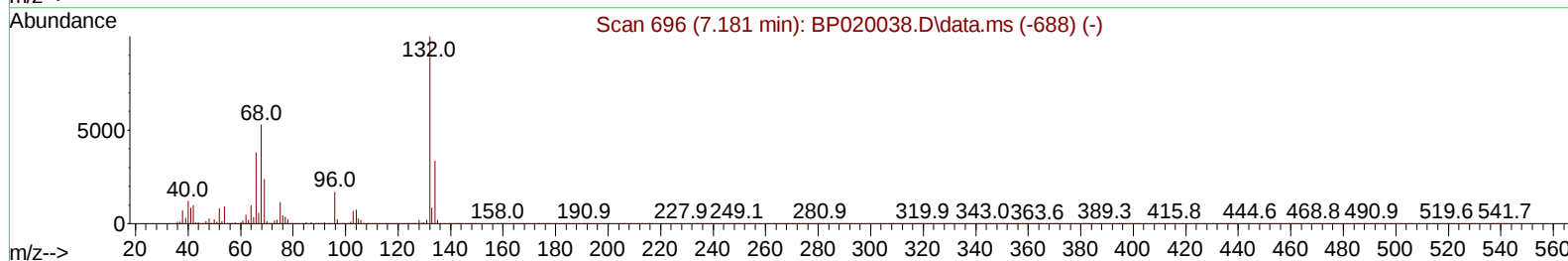
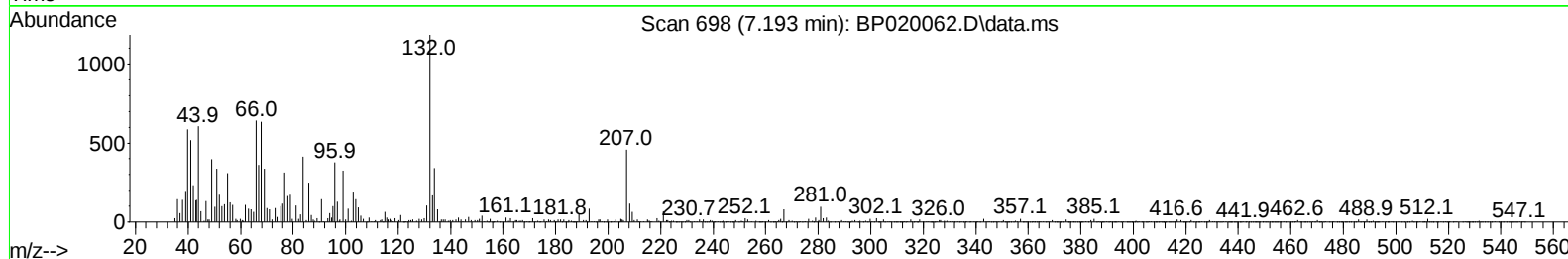
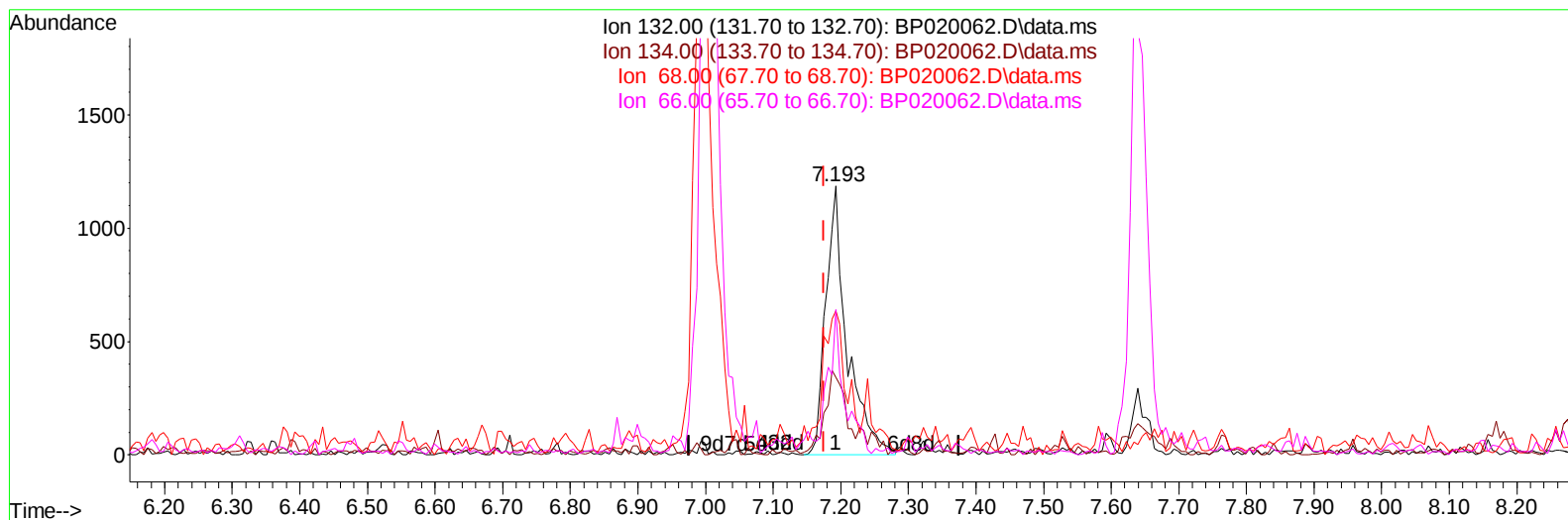
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
Data File : BP020062.D
Acq On : 21 Apr 2024 04:54
Operator : MA/JU
Sample : P2104-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0RE1DL

Manual IntegrationsAPPROVED

Quant Time: Apr 22 00:30:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 20 01:32:50 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



TIC: BP020062.D\data.ms

(11) 2-Chlorophenol-d4 (S)

7.193min (+ 0.018) 0.33 ng/ul m

response 2606

Ion	Exp%	Act%
132.00	100.00	100.00
134.00	33.90	28.95
68.00	55.50	53.59
66.00	40.30	54.09#

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
Data File : BP020062.D
Acq On : 21 Apr 2024 04:54
Operator : MA/JU
Sample : P2104-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

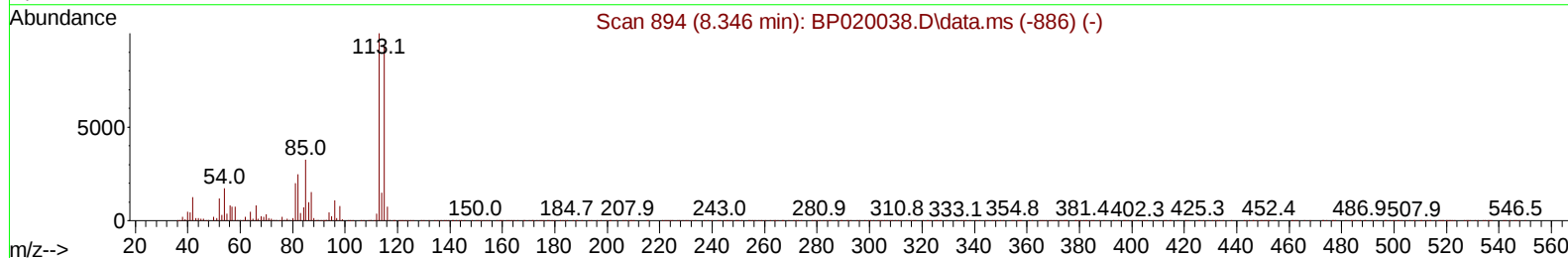
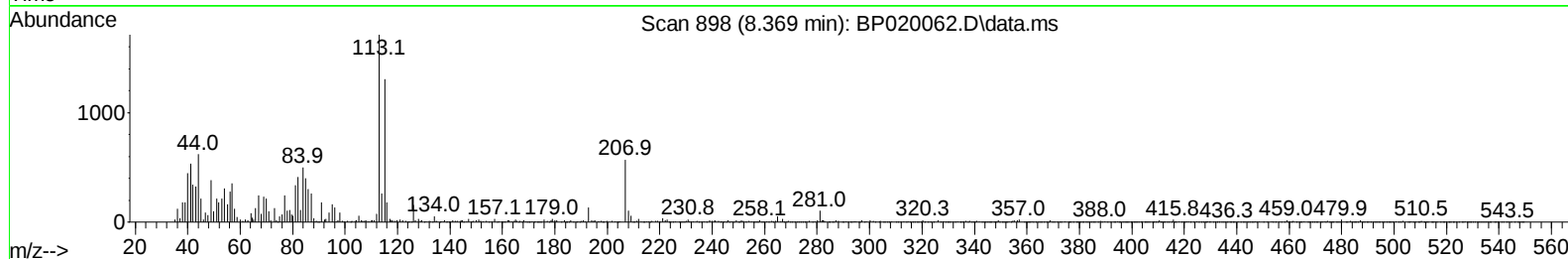
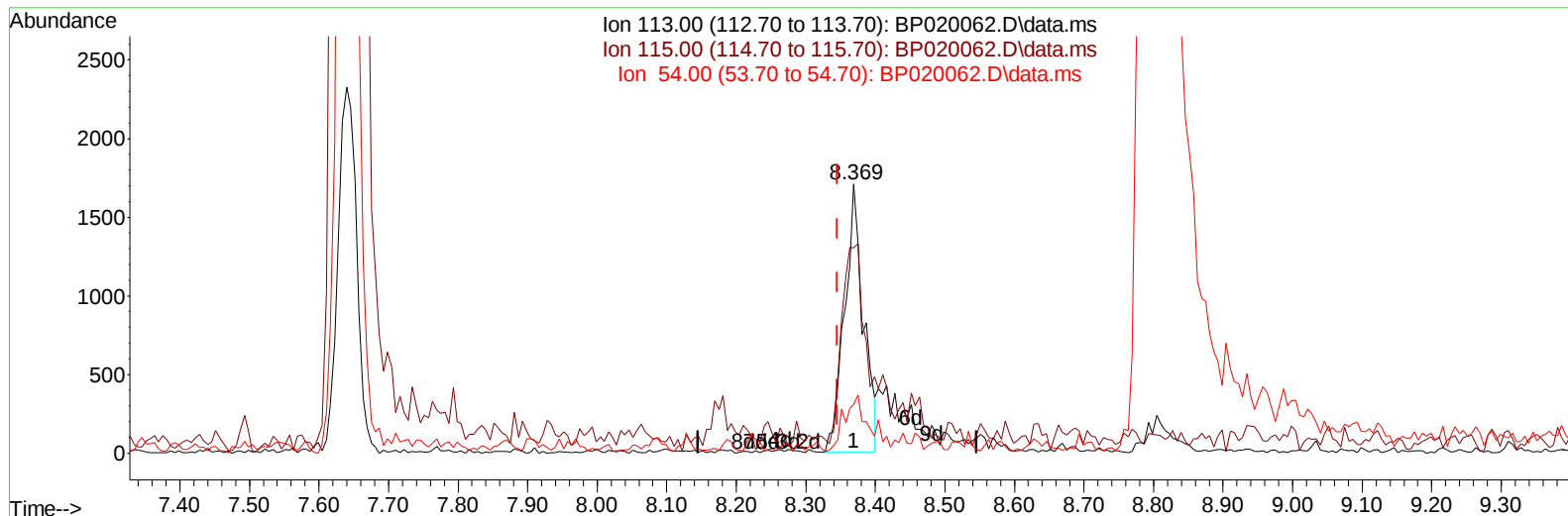
C0RE1DL

Manual IntegrationsAPPROVED

Quant Time: Apr 22 00:30:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 20 01:32:50 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



TIC: BP020062.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.369min (+ 0.023) 0.35 ng/u1

response 3197

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	94.50	76.20
54.00	18.50	18.13
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
Data File : BP020062.D
Acq On : 21 Apr 2024 04:54
Operator : MA/JU
Sample : P2104-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :

BNA_N

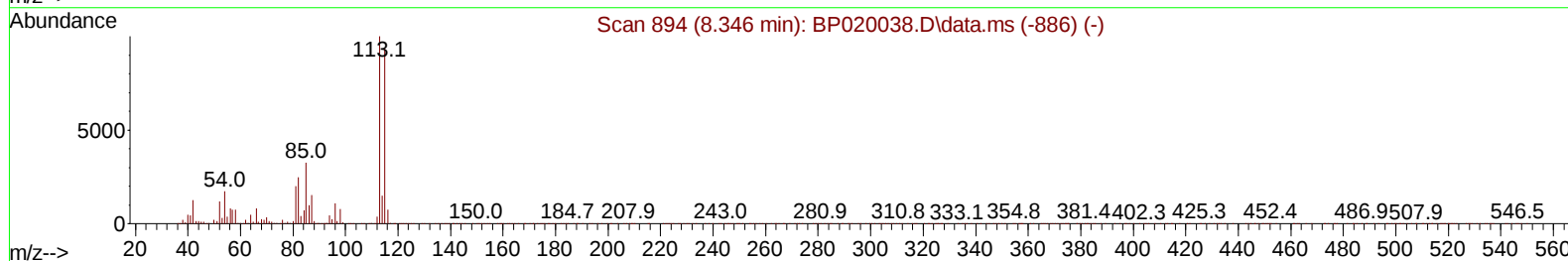
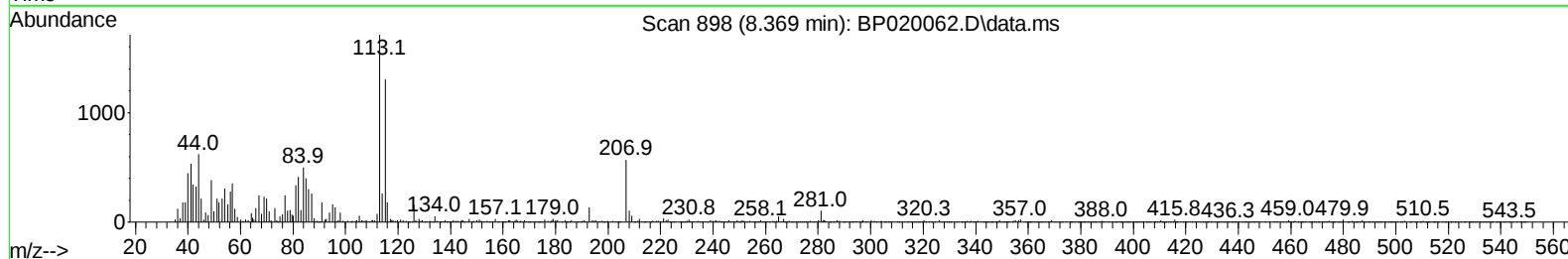
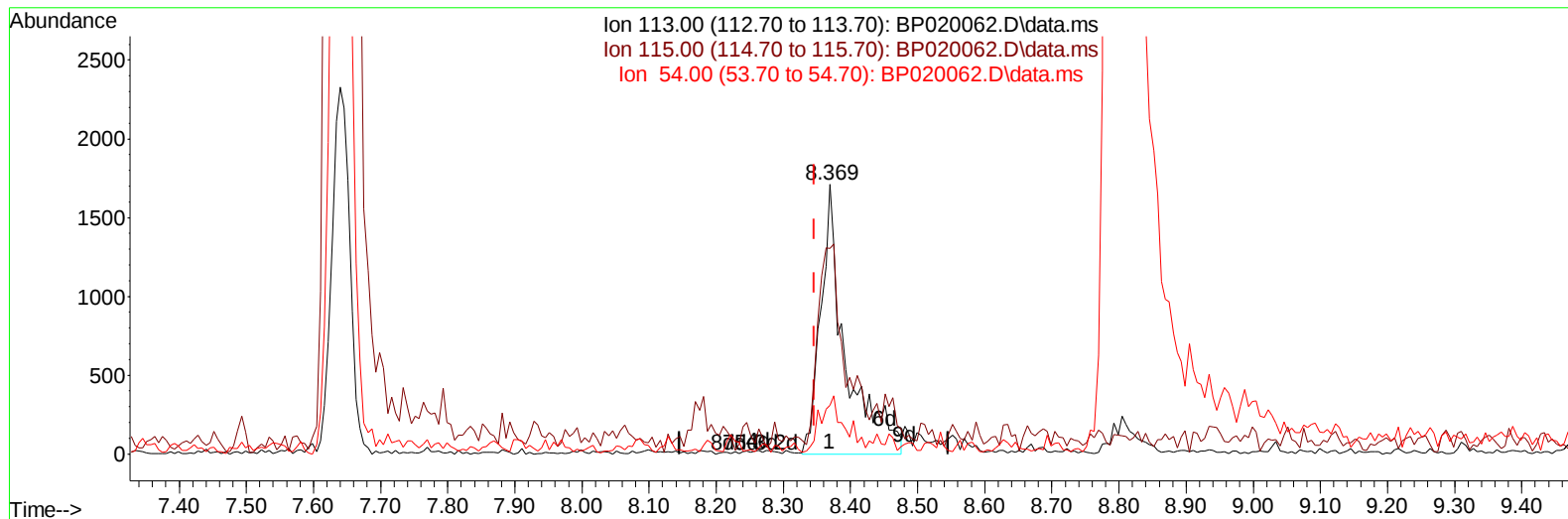
ClientSampleId :

C0RE1DL

Manual IntegrationsAPPROVED

Quant Time: Apr 22 00:30:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 20 01:32:50 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



TIC: BP020062.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.369min (+ 0.023) 0.49 ng/u1 m

response 4414

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	94.50	76.20
54.00	18.50	18.13
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
Data File : BP020062.D
Acq On : 21 Apr 2024 04:54
Operator : MA/JU
Sample : P2104-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :

BNA_N

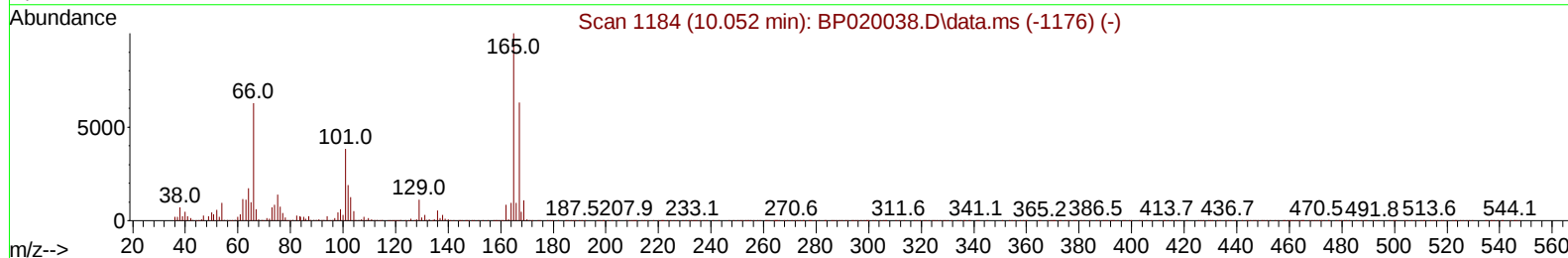
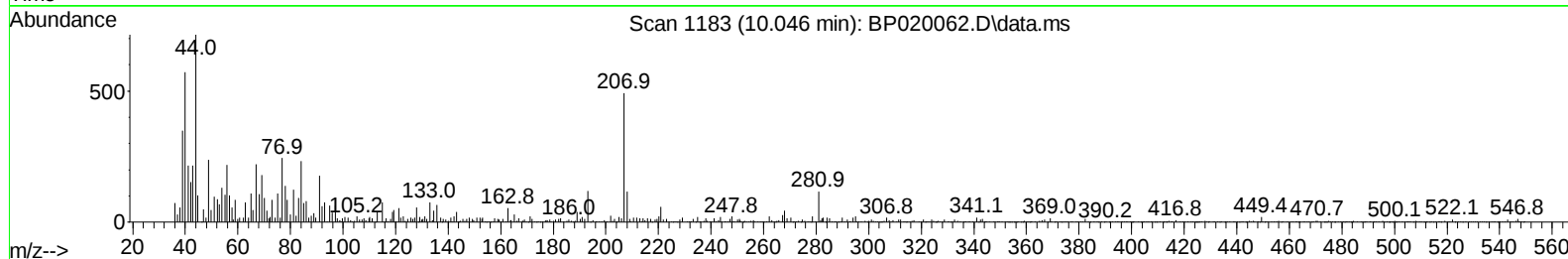
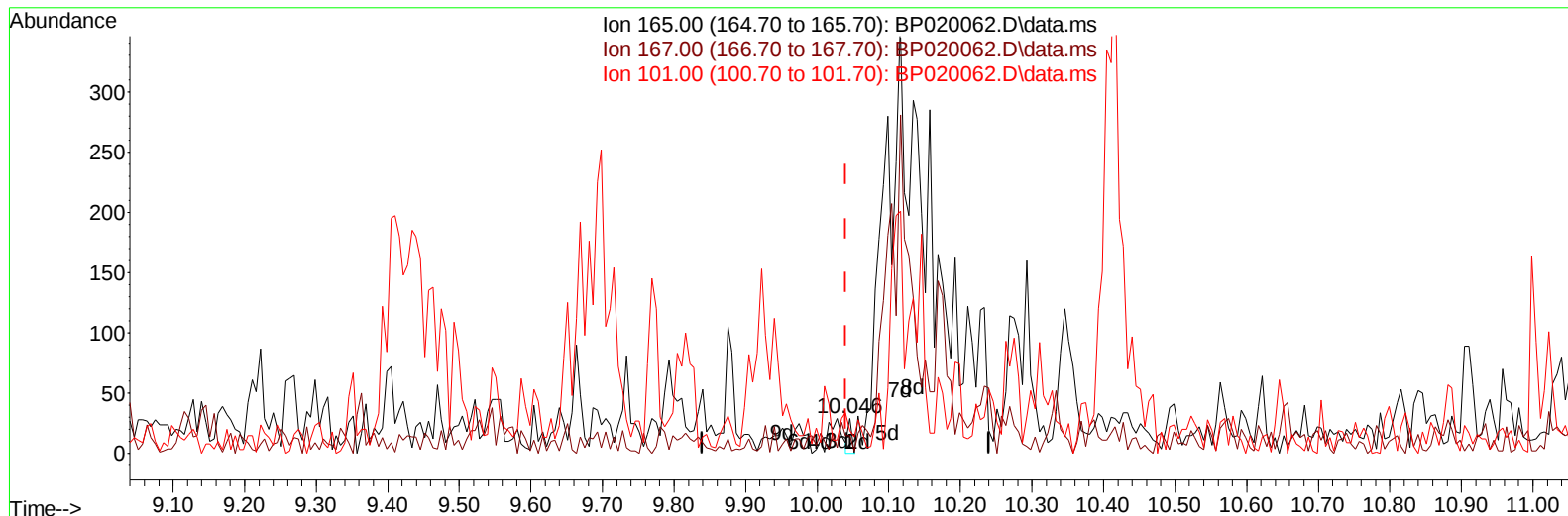
ClientSampleId :

C0RE1DL

Manual IntegrationsAPPROVED

Quant Time: Apr 22 00:30:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 20 01:32:50 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



TIC: BP020062.D\data.ms

(28) 2,4-Dichlorophenol-d3 (S)

10.046min (+ 0.006) 0.00 ng/u1

response 10

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	64.30	51.72
101.00	40.90	65.52#
0.00	0.00	0.00

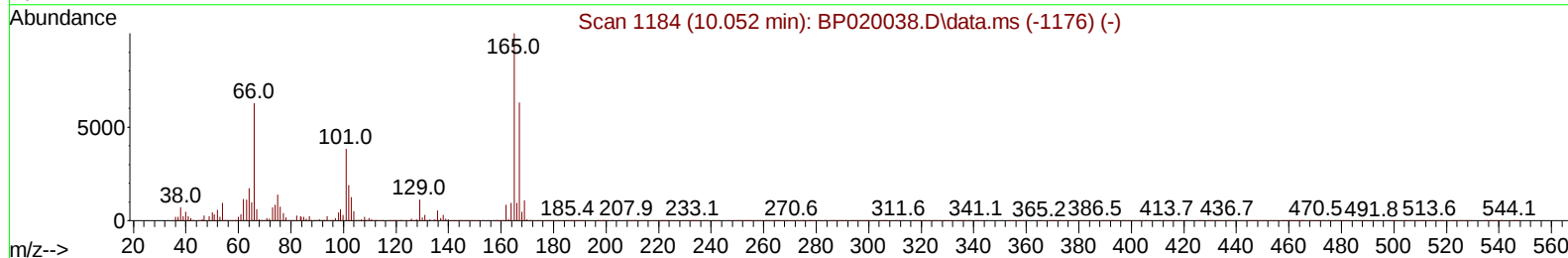
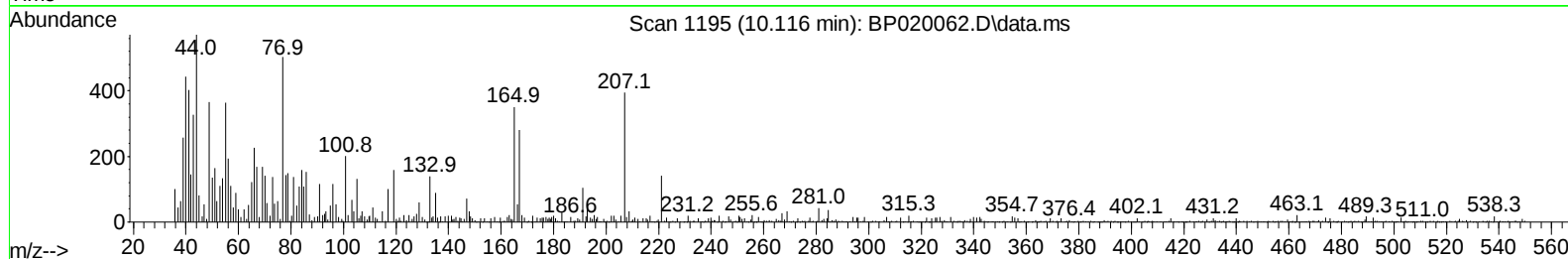
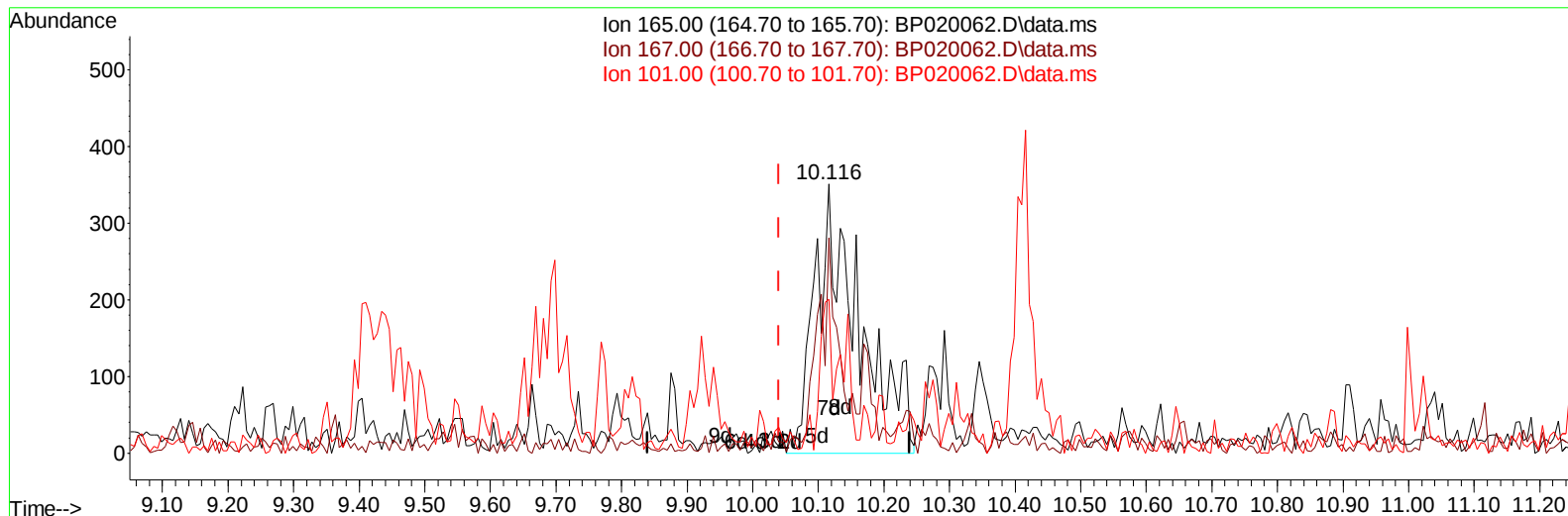
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
Data File : BP020062.D
Acq On : 21 Apr 2024 04:54
Operator : MA/JU
Sample : P2104-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0RE1DL

Manual IntegrationsAPPROVED

Quant Time: Apr 22 00:30:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 20 01:32:50 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



TIC: BP020062.D\data.ms

(28) 2,4-Dichlorophenol-d3 (S)

10.116min (+ 0.076) 0.20 ng/ul m

response 1649

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	64.30	80.06#
101.00	40.90	57.26#
0.00	0.00	0.00

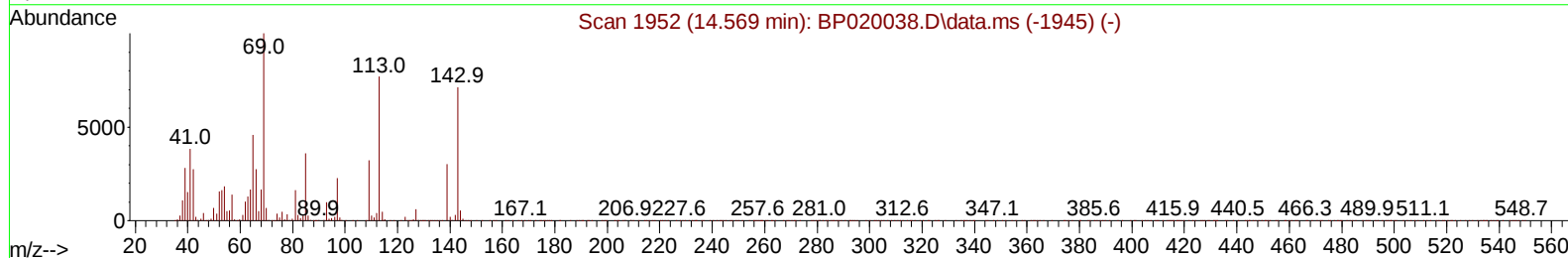
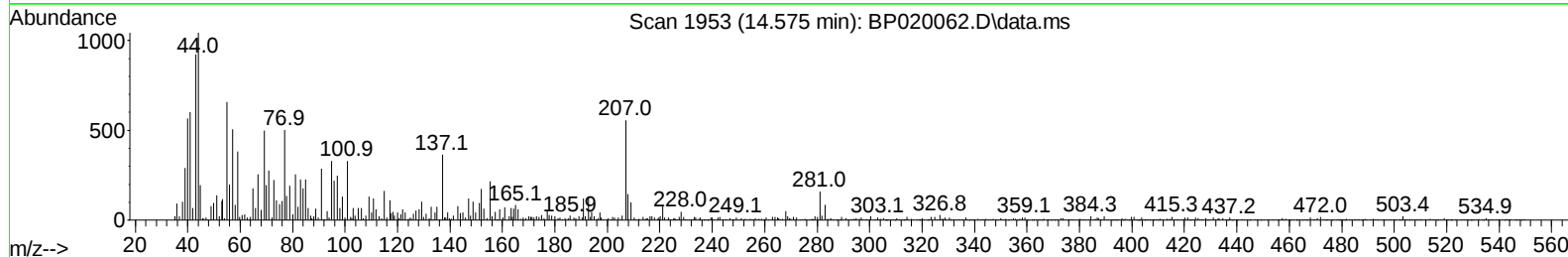
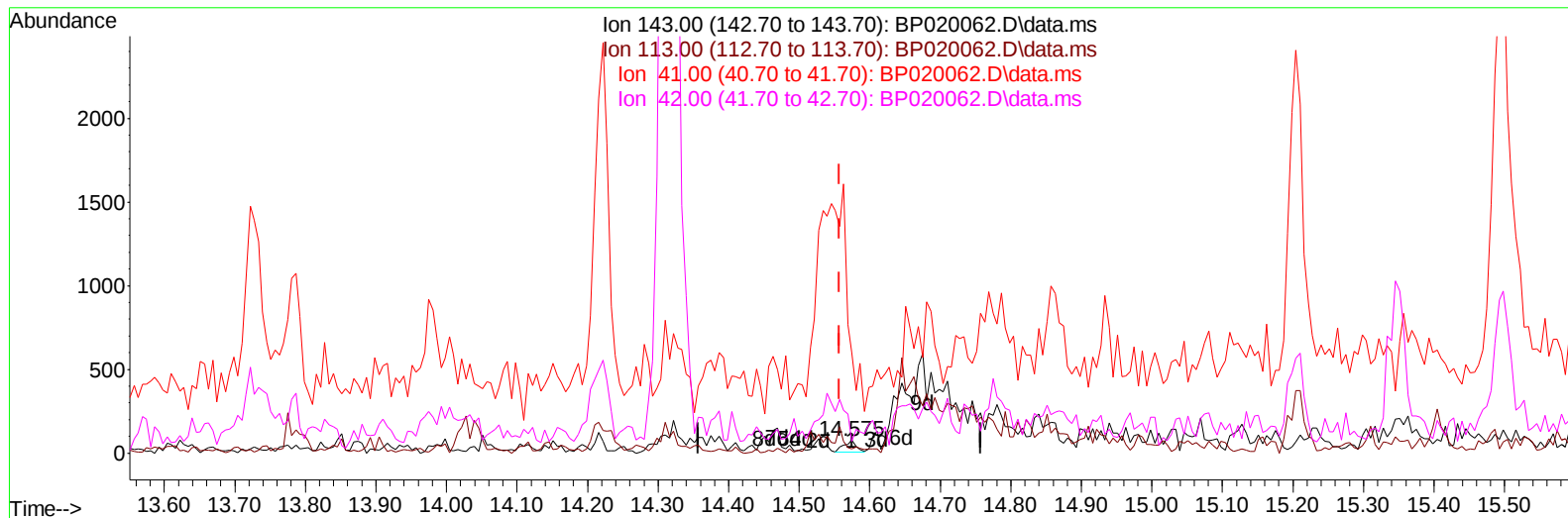
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
Data File : BP020062.D
Acq On : 21 Apr 2024 04:54
Operator : MA/JU
Sample : P2104-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0RE1DL

Manual IntegrationsAPPROVED

Quant Time: Apr 22 00:30:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 20 01:32:50 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



TIC: BP020062.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.575min (+ 0.018) 0.03 ng/u1

response 88

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	97.80	29.87#
41.00	50.70	781.82#
42.00	34.00	89.61#

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
Data File : BP020062.D
Acq On : 21 Apr 2024 04:54
Operator : MA/JU
Sample : P2104-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :

BNA_N

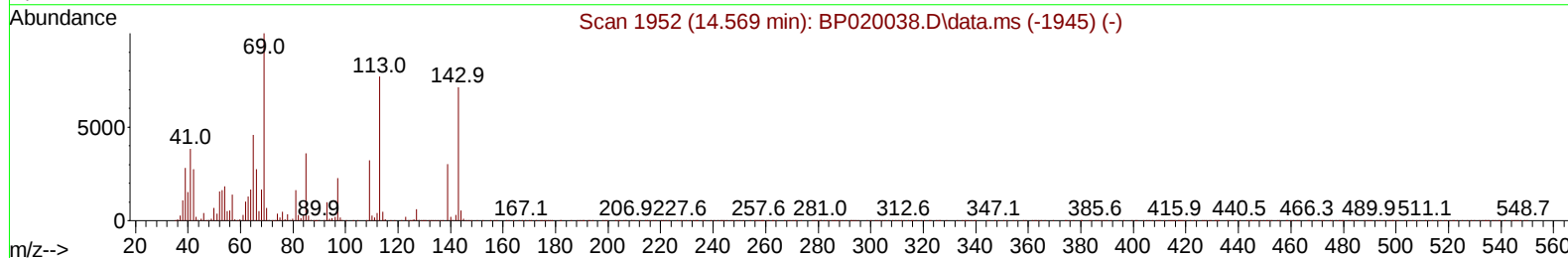
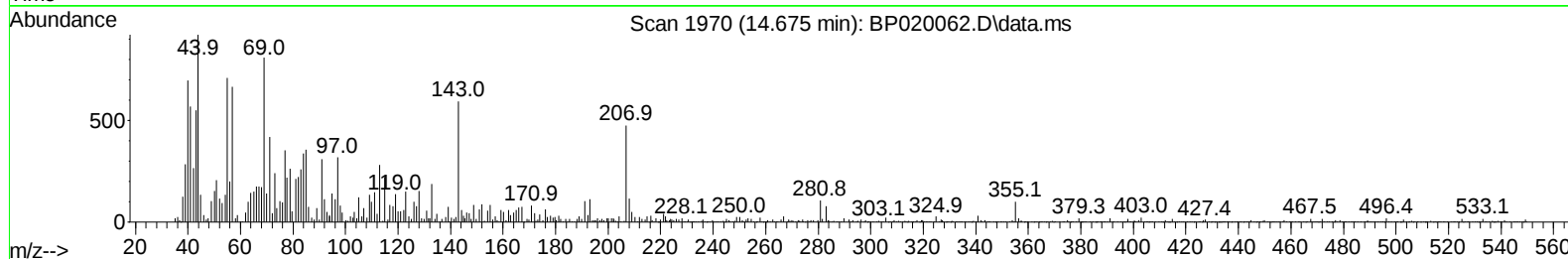
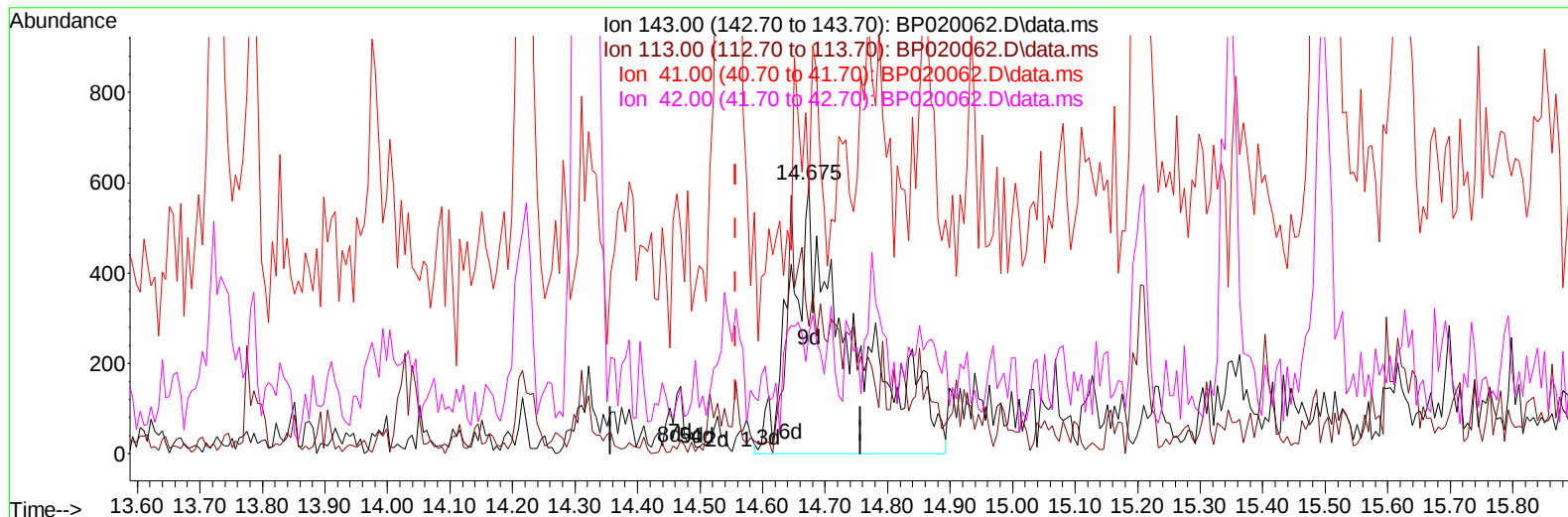
ClientSampleId :

C0RE1DL

Manual IntegrationsAPPROVED

Quant Time: Apr 22 00:30:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 20 01:32:50 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



TIC: BP020062.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.675min (+ 0.117) 1.16 ng/ul m

response 4074

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	97.80	47.15#
41.00	50.70	95.81#
42.00	34.00	44.63#

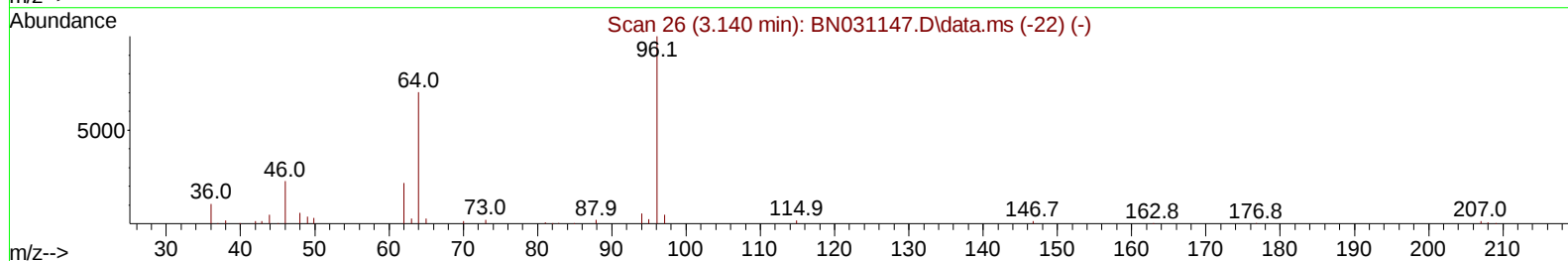
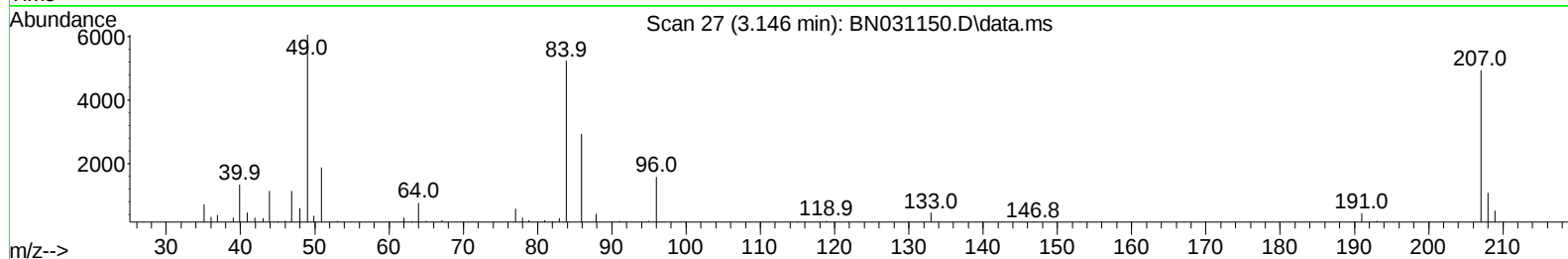
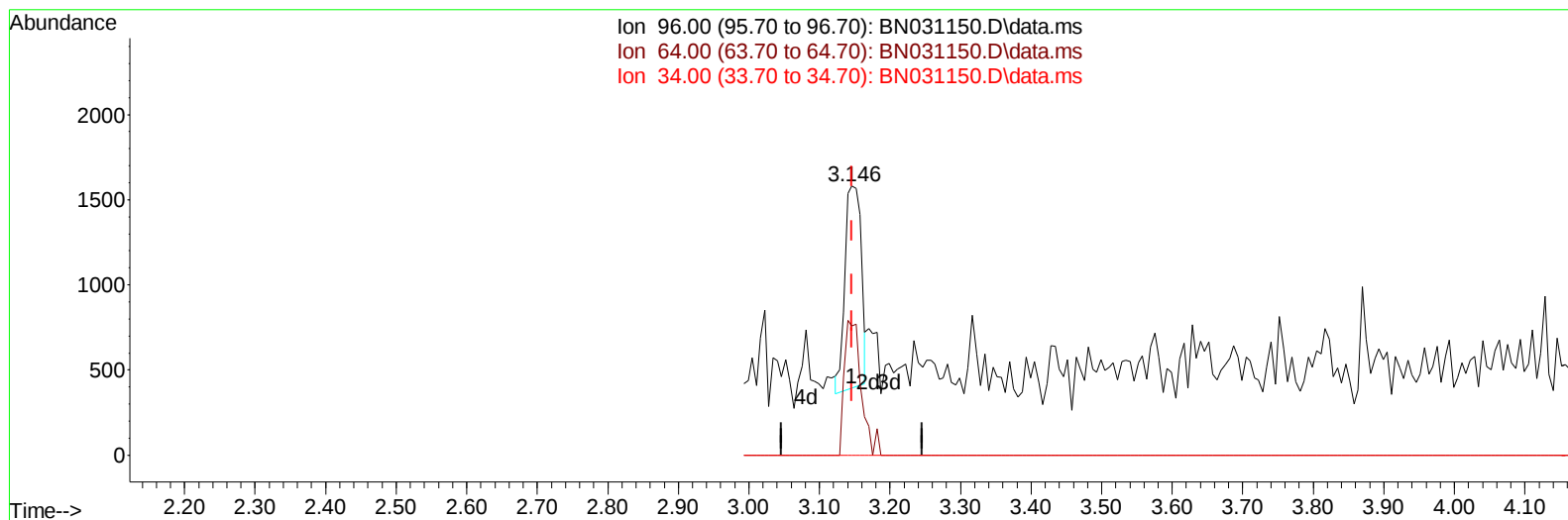
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
Data File : BN031150.D
Acq On : 23 Apr 2024 11:39
Operator : MA/JU
Sample : P2159-16DL 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0RE1DL

Manual IntegrationsAPPROVED

Quant Time: Apr 23 22:40:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 22:56:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



TIC: BN031150.D\data.ms

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

3.146min (-0.000) 0.86 ng/uL

response 1914

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	72.80	48.04#
34.00	0.00	0.00
0.00	0.00	0.00

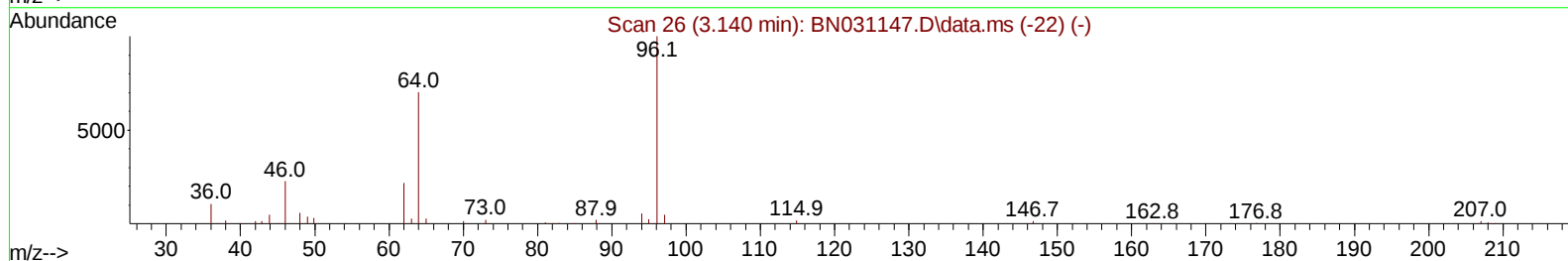
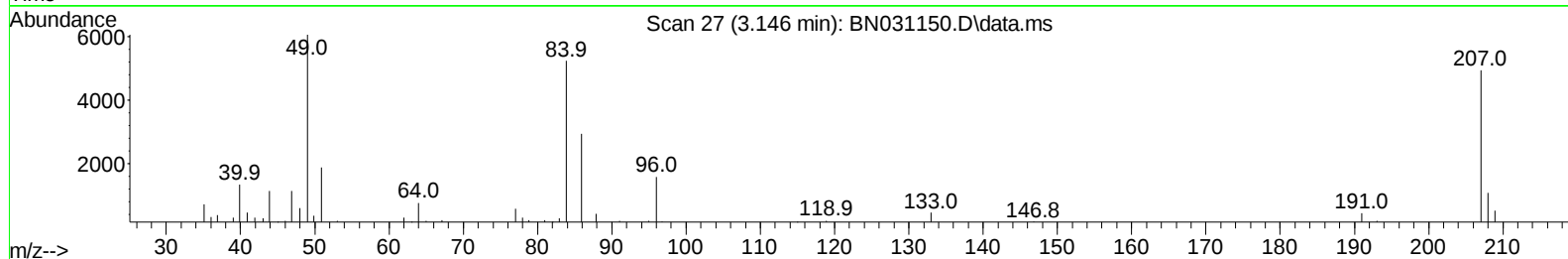
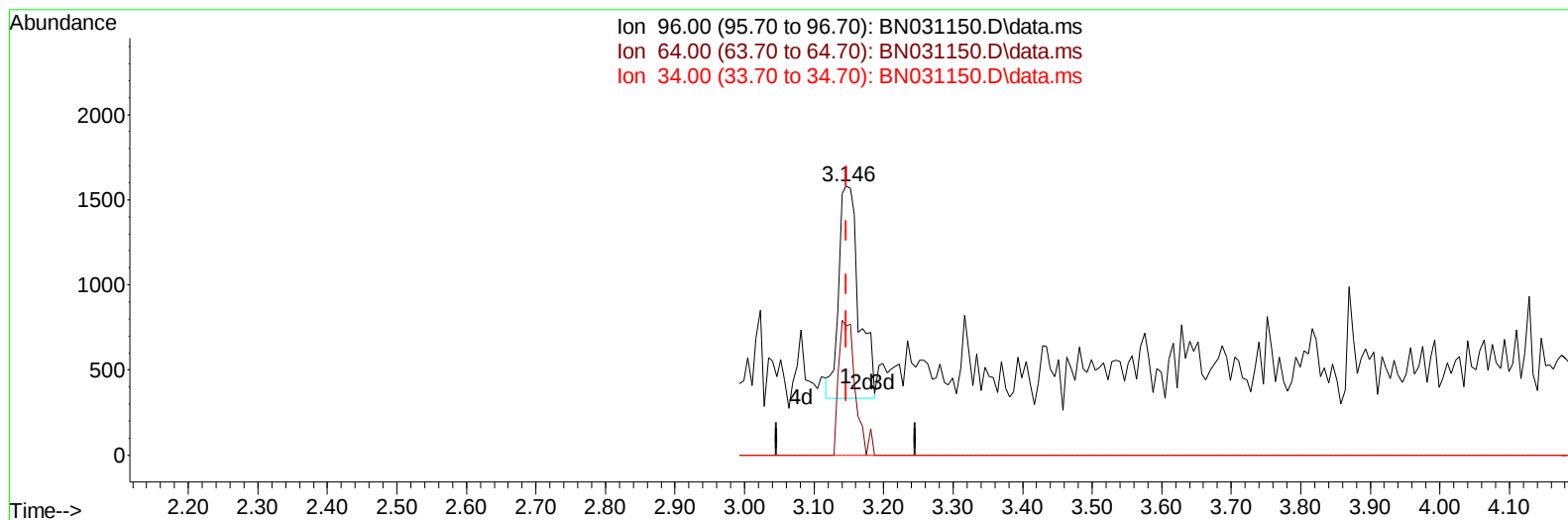
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
 Data File : BN031150.D
 Acq On : 23 Apr 2024 11:39
 Operator : MA/JU
 Sample : P2159-16DL 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CORE1DL

Manual IntegrationsAPPROVED

Quant Time: Apr 23 22:40:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 19 22:56:25 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/24/2024



TIC: BN031150.D\data.ms

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

3.146min (-0.000) 1.14 ng/uL m

response 2528

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	72.80	48.04#
34.00	0.00	0.00
0.00	0.00	0.00

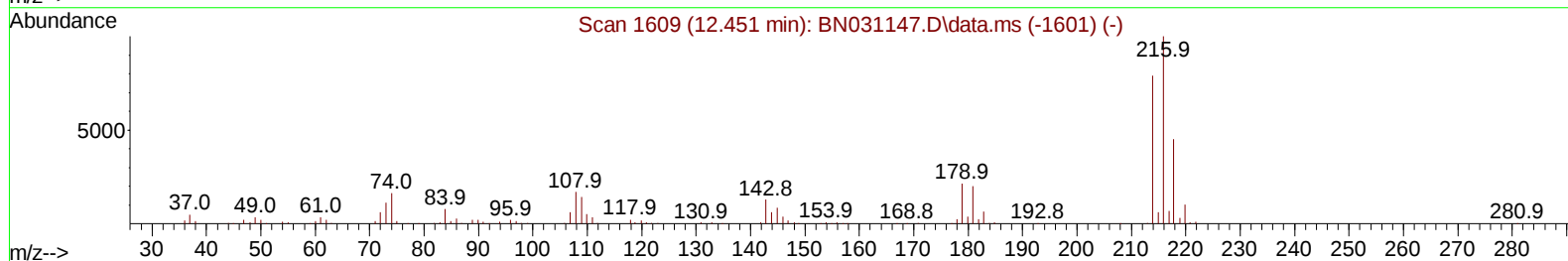
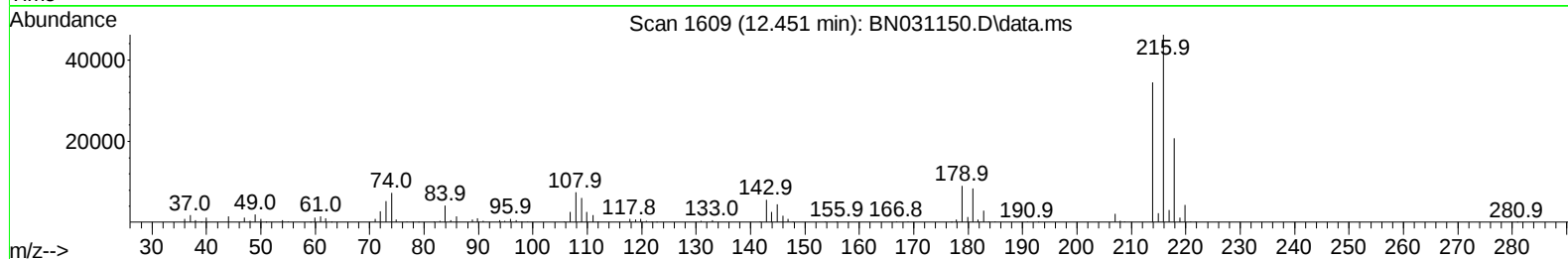
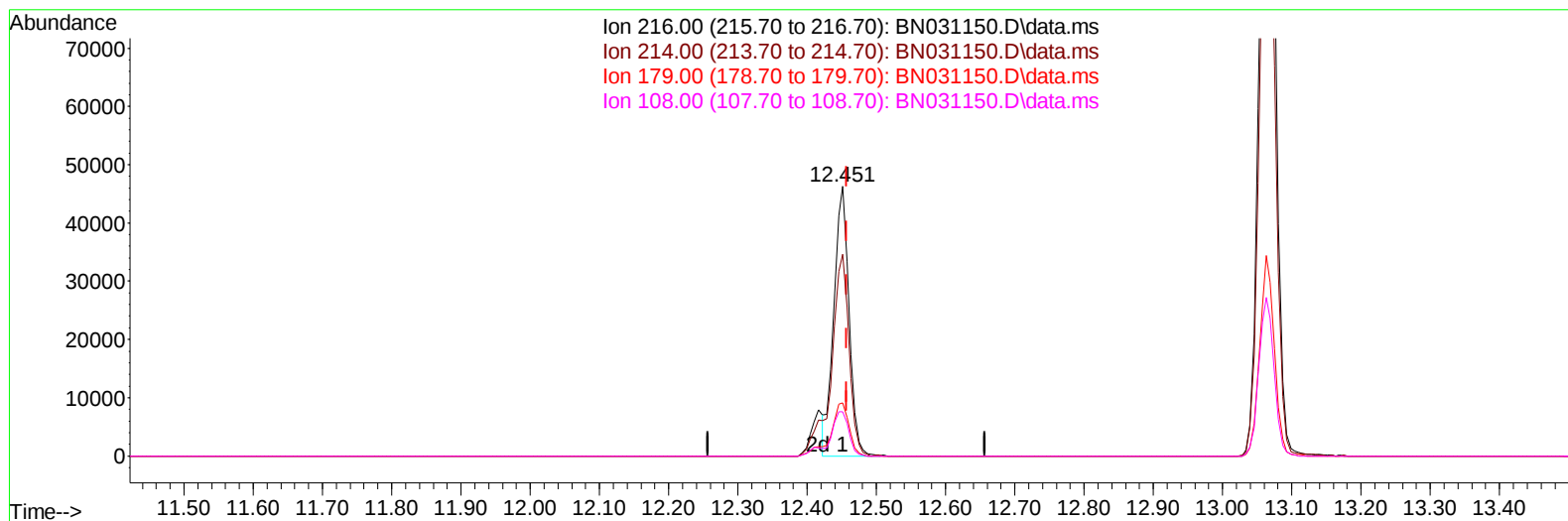
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
Data File : BN031150.D
Acq On : 23 Apr 2024 11:39
Operator : MA/JU
Sample : P2159-16DL 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0RE1DL

Manual IntegrationsAPPROVED

Quant Time: Apr 23 22:55:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 22:56:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



TIC: BN031150.D\data.ms

(39) 1,2,4,5-Tetrachlorobenzene

12.451min (-0.006) 8.53 ng/u1

response 70195

Ion	Exp%	Act%
216.00	100.00	100.00
214.00	78.90	74.77
179.00	21.30	19.77
108.00	17.80	16.34

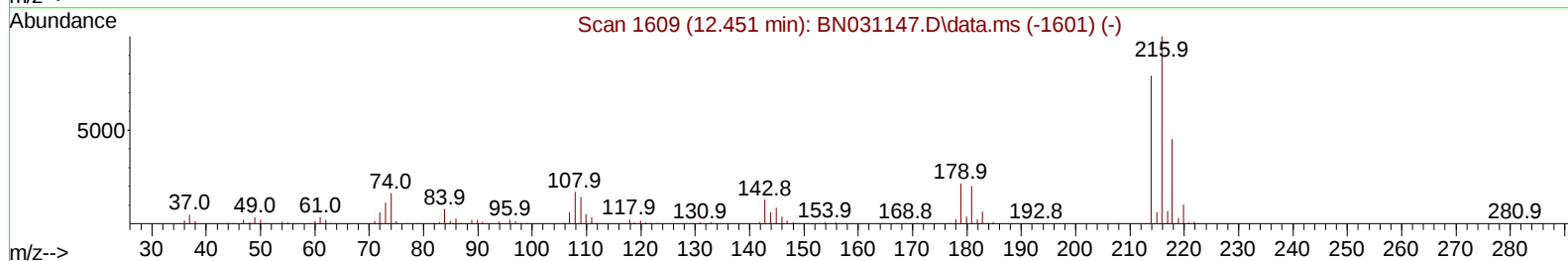
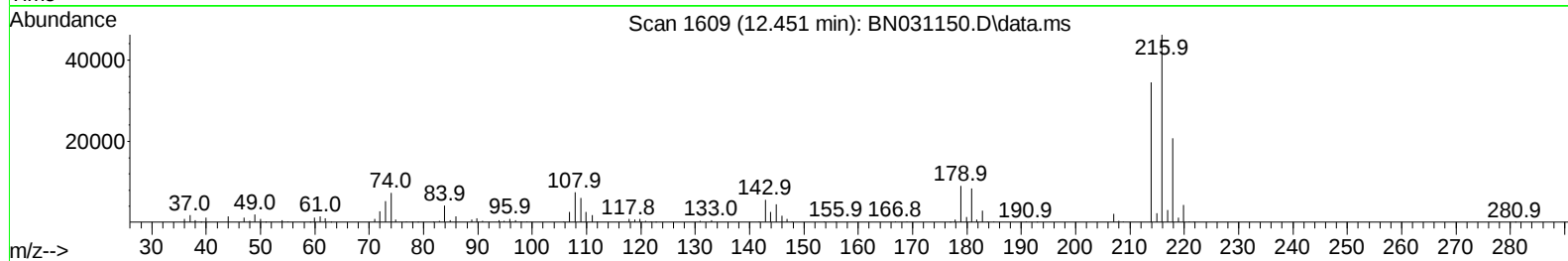
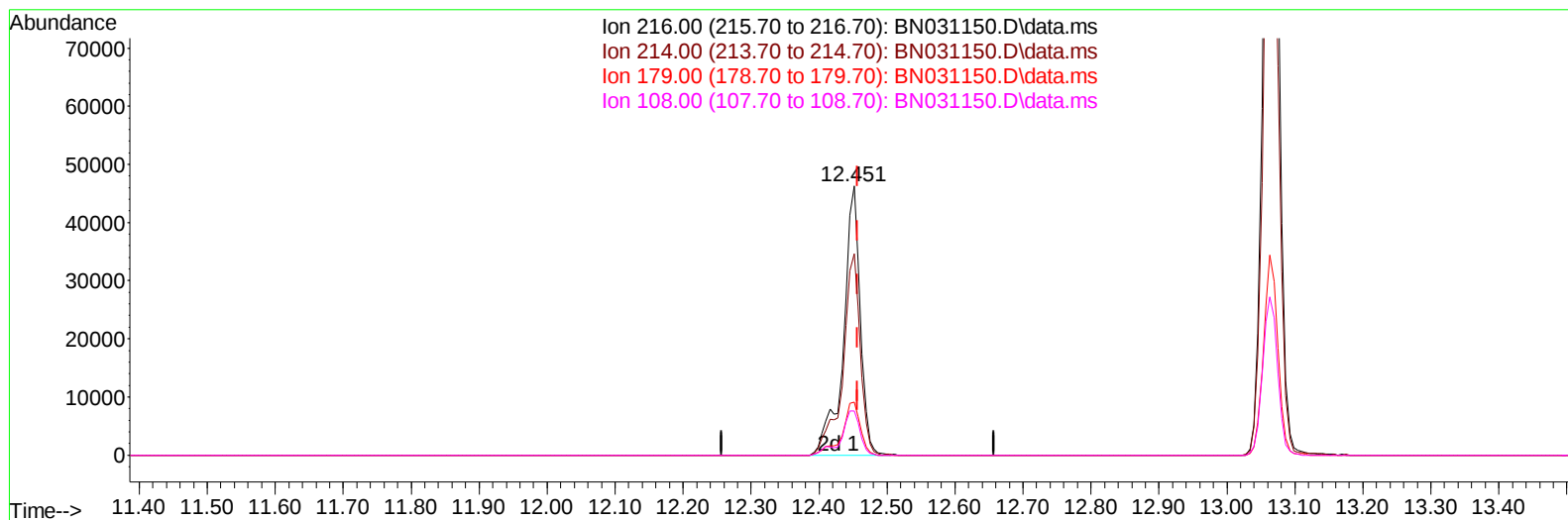
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
Data File : BN031150.D
Acq On : 23 Apr 2024 11:39
Operator : MA/JU
Sample : P2159-16DL 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0RE1DL

Manual IntegrationsAPPROVED

Quant Time: Apr 23 22:55:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 22:56:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



TIC: BN031150.D\data.ms

(39) 1,2,4,5-Tetrachlorobenzene

12.451min (-0.006) 9.66 ng/ul m

response 79520

Ion	Exp%	Act%
216.00	100.00	100.00
214.00	78.90	74.77
179.00	21.30	19.77
108.00	17.80	16.34

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
 Data File : BN031150.D
 Acq On : 23 Apr 2024 11:39
 Operator : MA/JU
 Sample : P2159-16DL 5X
 Misc :
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Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/24/2024
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Quant Time: Apr 23 22:56:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 19 22:56:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	104045	20.000	ng/ul	0.00
20) Naphthalene-d8	10.416	136	465877	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.275	164	314439	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.028	188	730784	20.000	ng/ul	0.00
79) Chrysene-d12	21.263	240	890001	20.000	ng/ul	0.00
88) Perylene-d12	24.163	264	996310	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	2528m	1.135	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.805	99	10400	1.185	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	42029	8.231	ng/ul	0.00
11) 2-Chlorophenol-d4	7.163	132	39497	5.780	ng/ul	0.00
15) 4-Methylphenol-d8	8.340	113	22576	3.059	ng/ul	0.00
21) Nitrobenzene-d5	8.787	128	26381	7.881	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143	23387	6.722	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	43896	6.397	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	65178	6.079	ng/ul	0.00
46) Dimethylphthalate-d6	13.692	166	179935	8.223	ng/ul	0.00
49) Acenaphthylene-d8	13.969	160	207082	8.352	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.275	176	169347	8.890	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	13367	3.625	ng/ul	0.00
73) Anthracene-d10	17.128	188	285112	9.001	ng/ul	0.00
81) Pyrene-d10	19.427	212	380336	8.697	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.963	264	420164	8.893	ng/ul	-0.01
Target Compounds						
					Qvalue	
12) 2-Chlorophenol	7.199	128	7154	1.007	ng/ul	96
30) Naphthalene	10.463	128	52837	2.188	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.451	216	79520m	9.665	ng/ul	
75) 1,2,3,4-Tetrachloroben...	13.063	216	218830	25.529	ng/uL	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
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Operator : MA/JU
Sample : P2159-16DL 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0RE1DL

Manual IntegrationsAPPROVED

Quant Time: Apr 23 22:56:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
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