

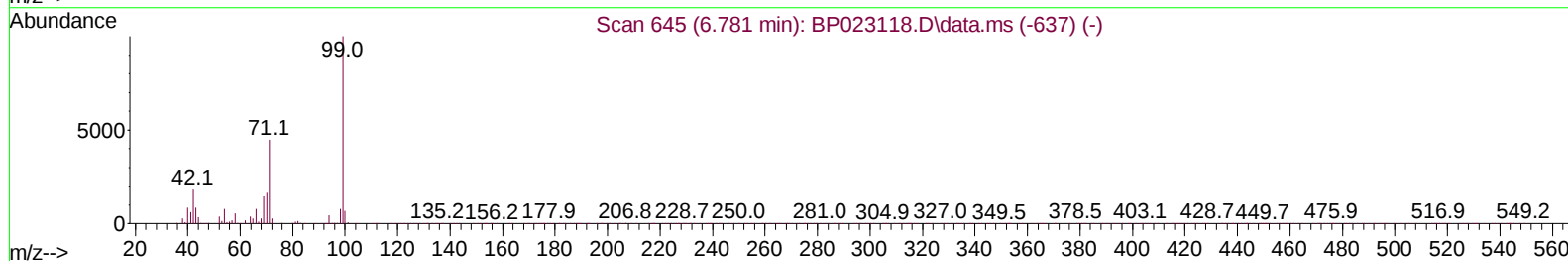
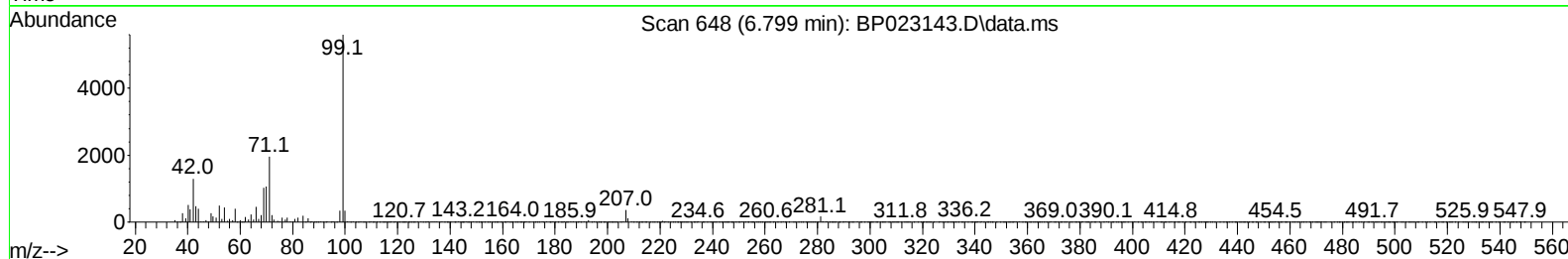
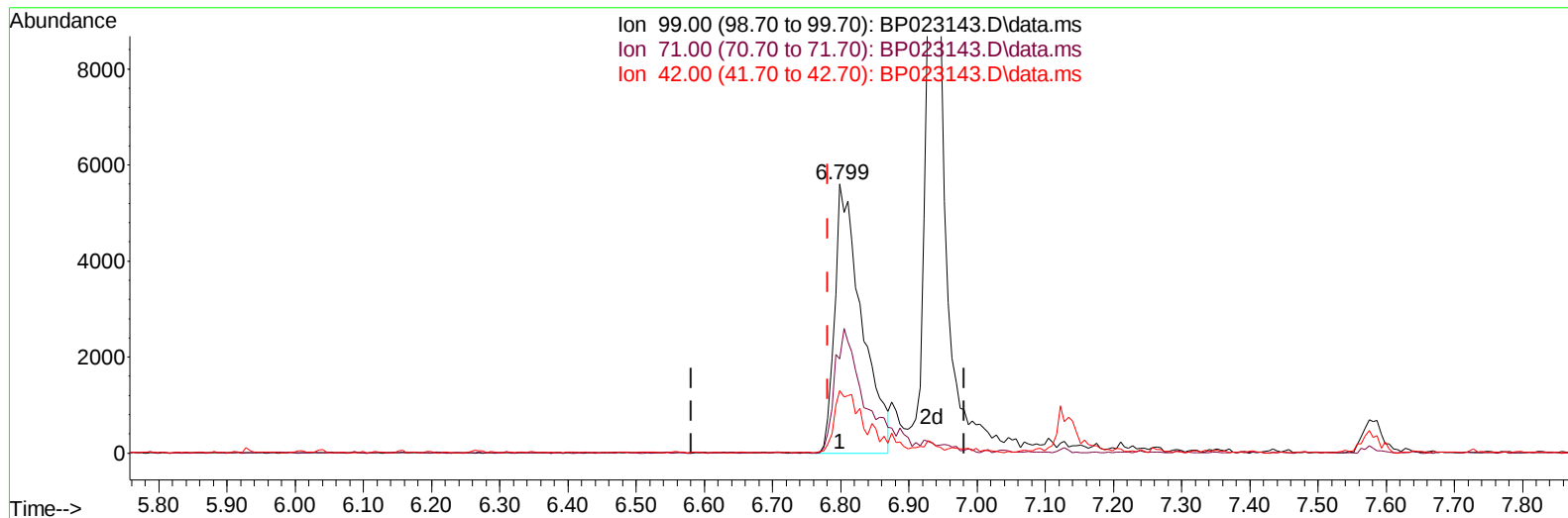
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111324\
Data File : BP023143.D
Acq On : 15 Nov 2024 17:26
Operator : RC/JU
Sample : P4784-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E27P6

Manual IntegrationsAPPROVED

Quant Time: Nov 15 23:35:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 13 04:49:01 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/16/2024
Supervised By :mohammad ahmed 11/18/2024



TIC: BP023143.D\data.ms

(7) Phenol-d5 (S)

6.799min (+ 0.018) 3.77 ng/u1

response 15440

Ion	Exp%	Act%
99.00	100.00	100.00
71.00	44.70	35.03#
42.00	21.10	23.16
0.00	0.00	0.00

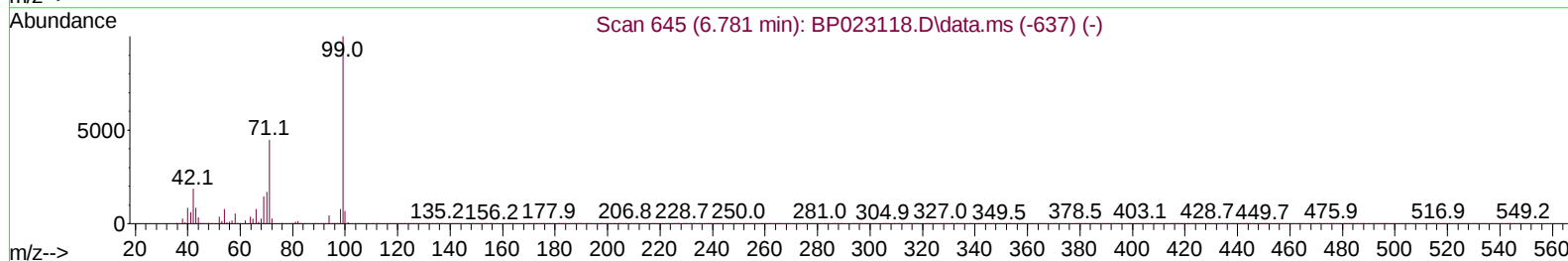
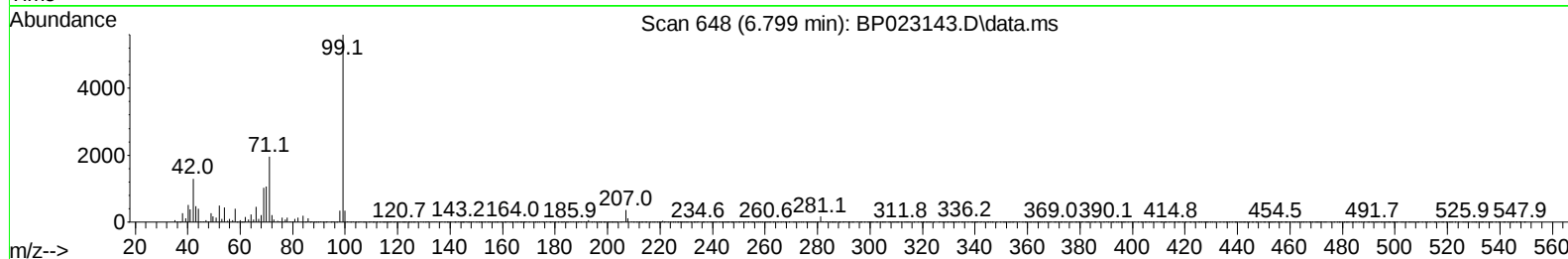
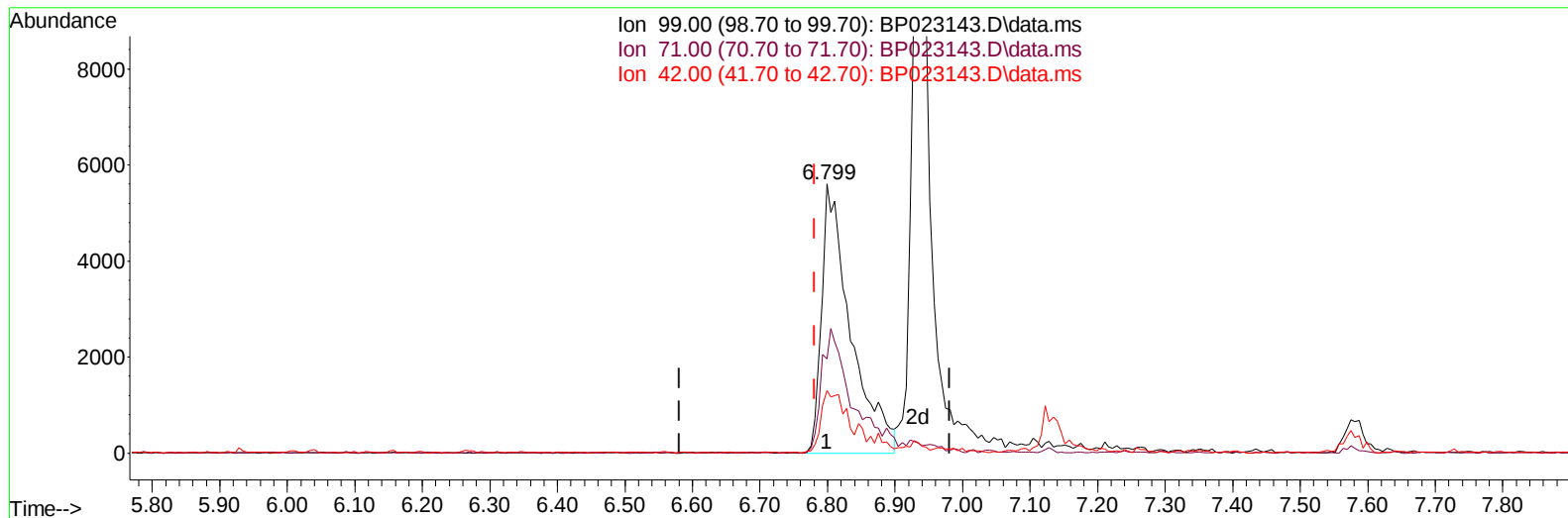
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111324\
Data File : BP023143.D
Acq On : 15 Nov 2024 17:26
Operator : RC/JU
Sample : P4784-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E27P6

Manual IntegrationsAPPROVED

Quant Time: Nov 15 23:35:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 13 04:49:01 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/16/2024
Supervised By :mohammad ahmed 11/18/2024



TIC: BP023143.D\data.ms

(7) Phenol-d5 (S)

6.799min (+ 0.018) 4.08 ng/u1 m

response 16686

Ion	Exp%	Act%
99.00	100.00	100.00
71.00	44.70	35.03#
42.00	21.10	23.16
0.00	0.00	0.00

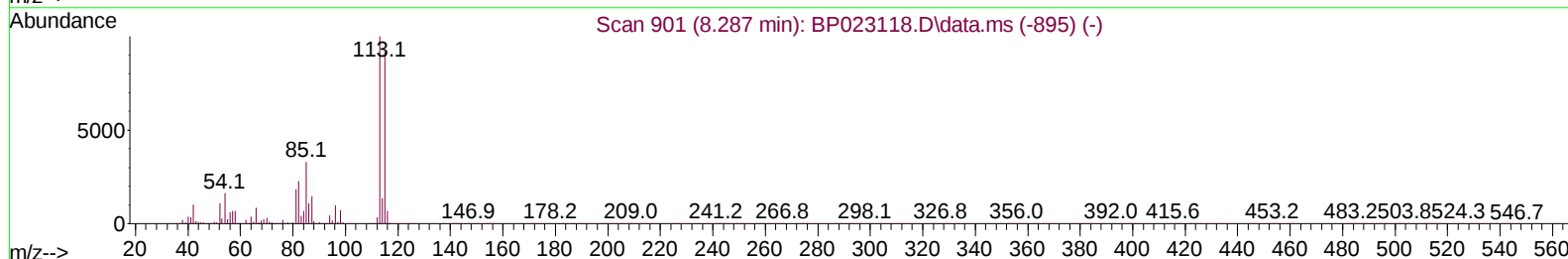
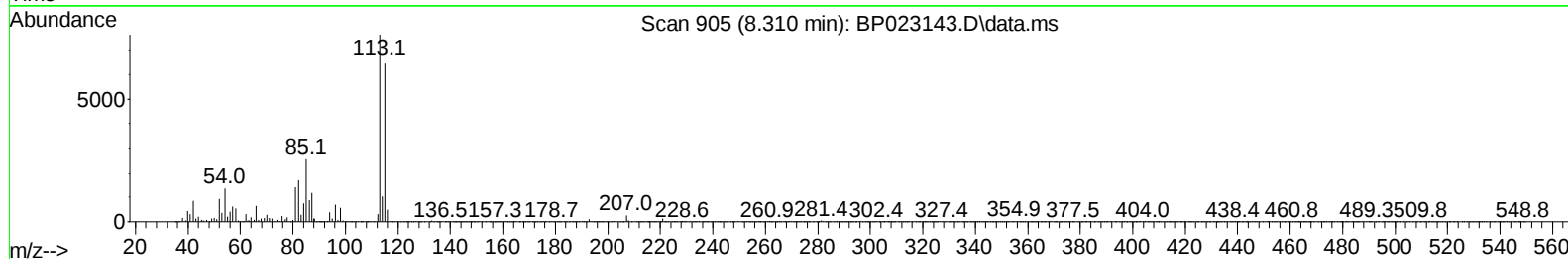
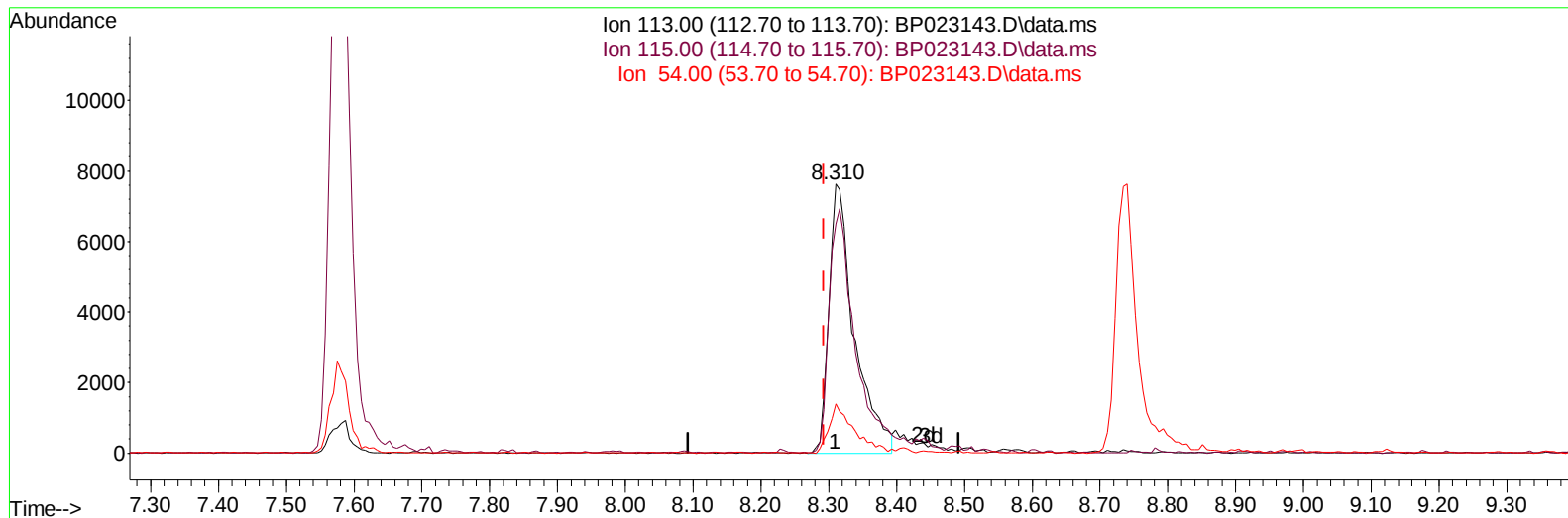
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111324\
Data File : BP023143.D
Acq On : 15 Nov 2024 17:26
Operator : RC/JU
Sample : P4784-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E27P6

Manual IntegrationsAPPROVED

Quant Time: Nov 15 23:35:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 13 04:49:01 2024
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Reviewed By :Yogesh Patel 11/16/2024
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TIC: BP023143.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.310min (+ 0.018) 5.87 ng/u1

response 19791

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	95.30	85.23
54.00	17.80	18.36
0.00	0.00	0.00

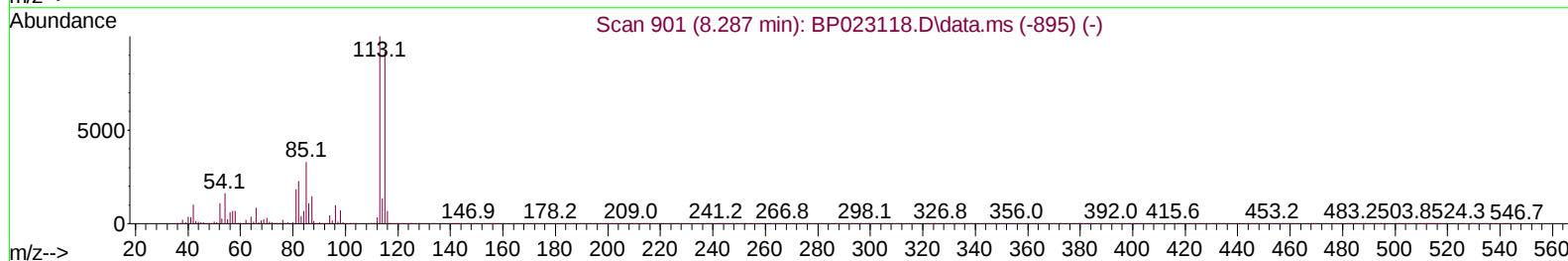
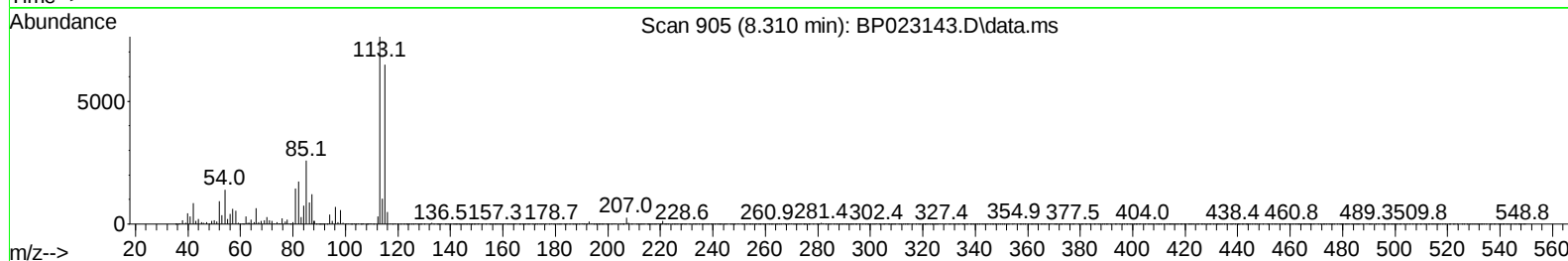
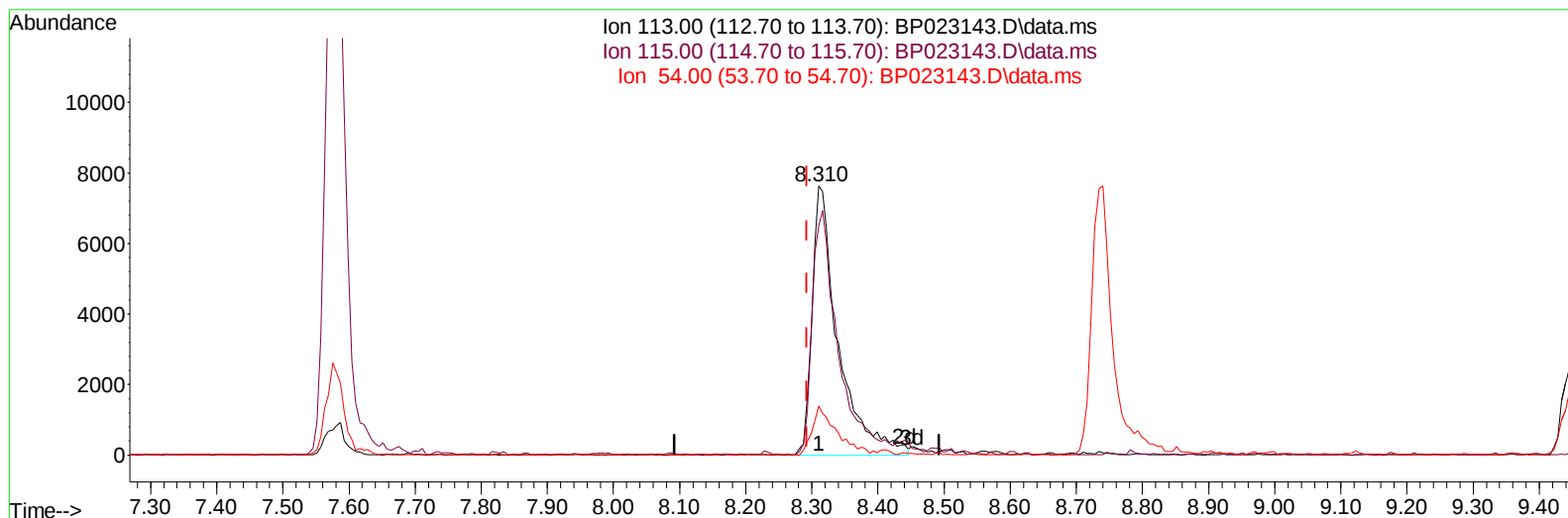
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111324\
Data File : BP023143.D
Acq On : 15 Nov 2024 17:26
Operator : RC/JU
Sample : P4784-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E27P6

Manual IntegrationsAPPROVED

Quant Time: Nov 15 23:35:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 13 04:49:01 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/16/2024
Supervised By :mohammad ahmed 11/18/2024



TIC: BP023143.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.310min (+ 0.018) 6.23 ng/u1 m

response 20985

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	95.30	85.23
54.00	17.80	18.36
0.00	0.00	0.00

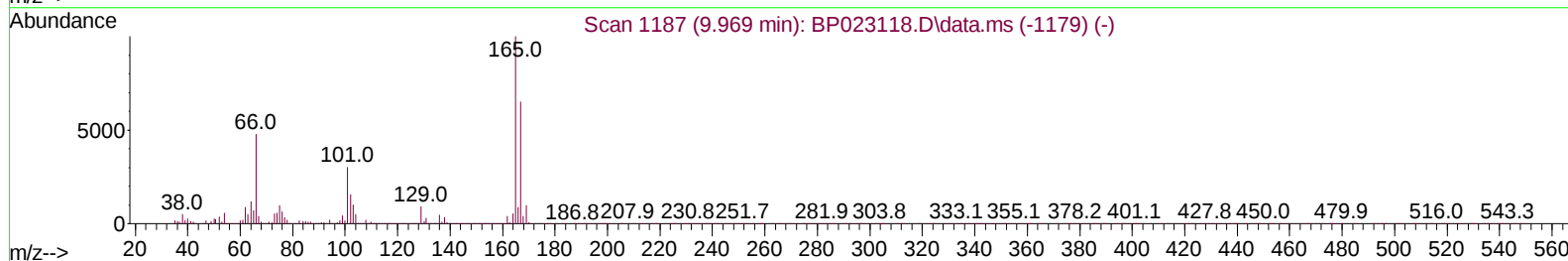
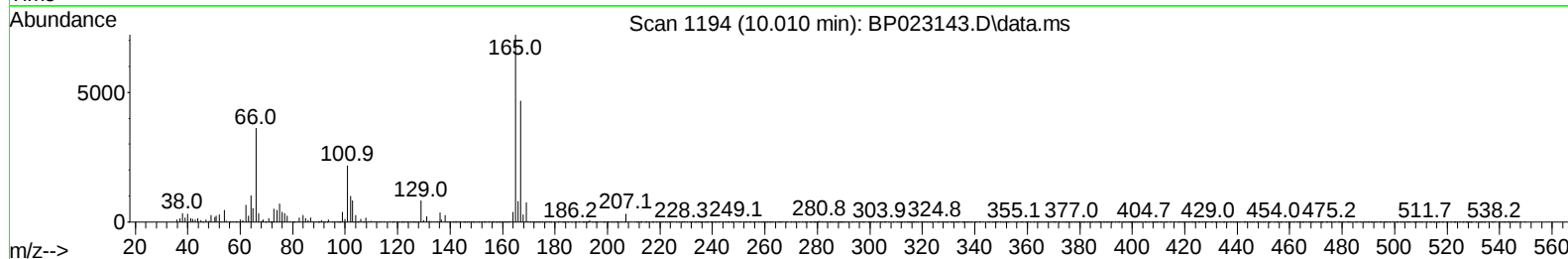
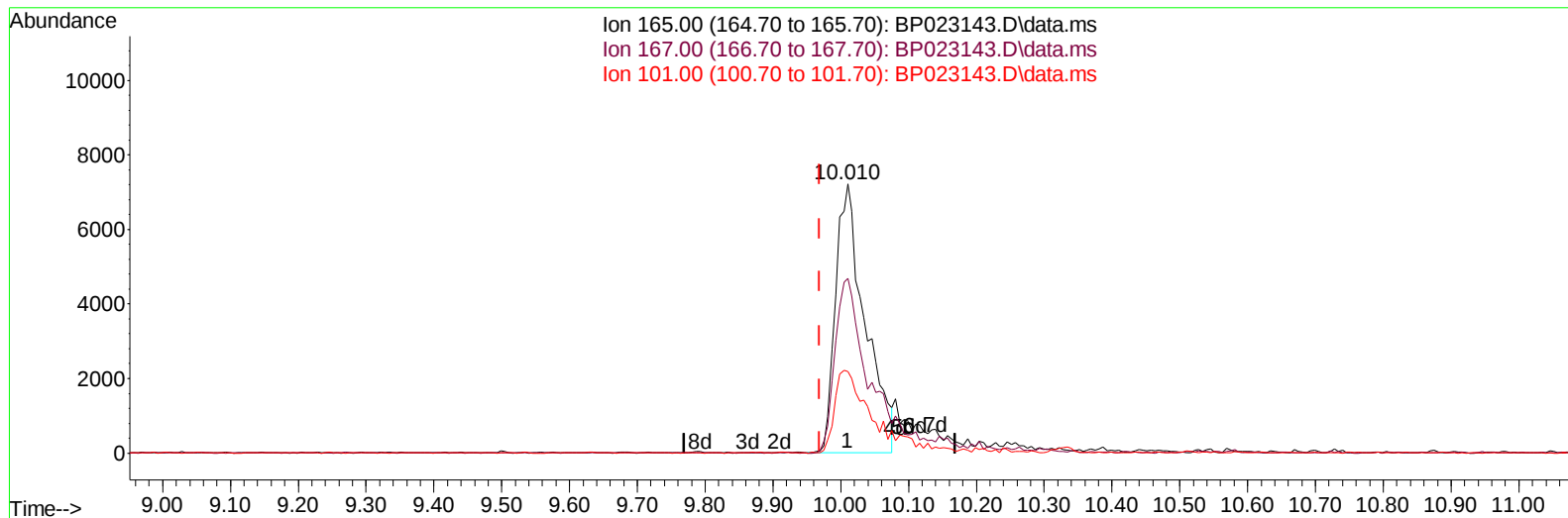
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111324\
Data File : BP023143.D
Acq On : 15 Nov 2024 17:26
Operator : RC/JU
Sample : P4784-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E27P6

Manual IntegrationsAPPROVED

Quant Time: Nov 15 23:35:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 13 04:49:01 2024
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Reviewed By :Yogesh Patel 11/16/2024
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TIC: BP023143.D\data.ms

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

10.010min (+ 0.041) 6.04 ng/u1

response 21780

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	65.80	64.90
101.00	32.60	30.35
0.00	0.00	0.00

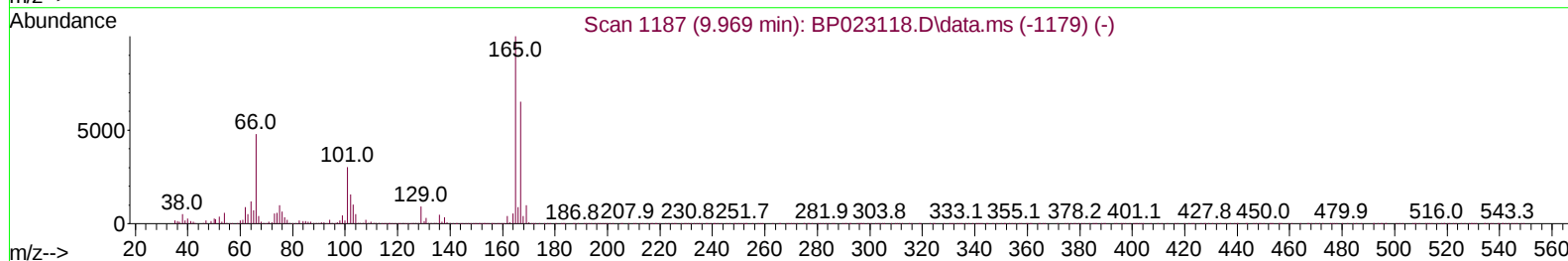
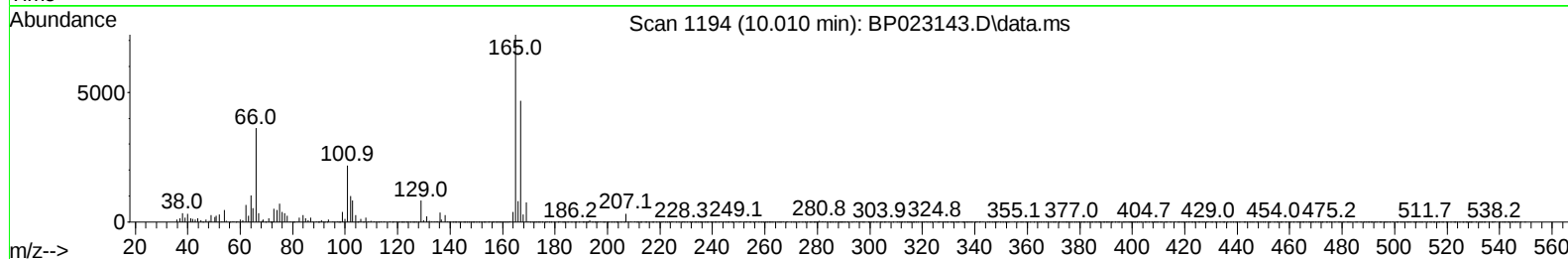
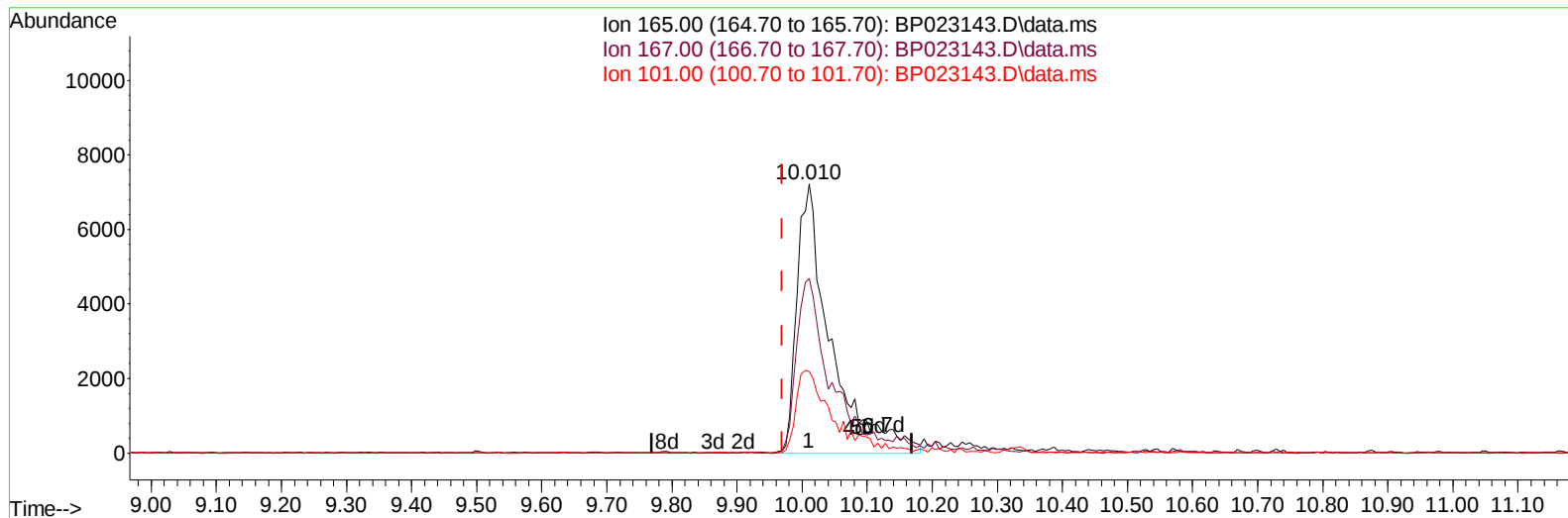
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111324\
Data File : BP023143.D
Acq On : 15 Nov 2024 17:26
Operator : RC/JU
Sample : P4784-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E27P6

Manual IntegrationsAPPROVED

Quant Time: Nov 15 23:35:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 13 04:49:01 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/16/2024
Supervised By :mohammad ahmed 11/18/2024



TIC: BP023143.D\data.ms

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

10.010min (+ 0.041) 7.12 ng/ul m

response 25690

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	65.80	64.90
101.00	32.60	30.35
0.00	0.00	0.00

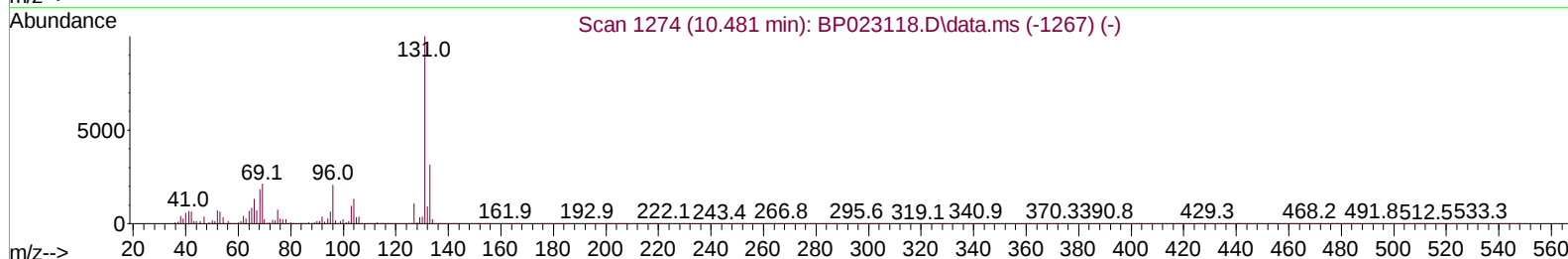
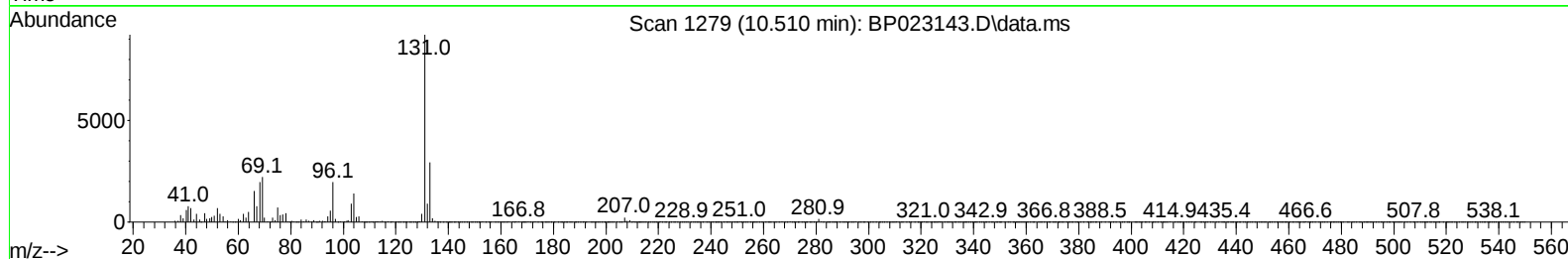
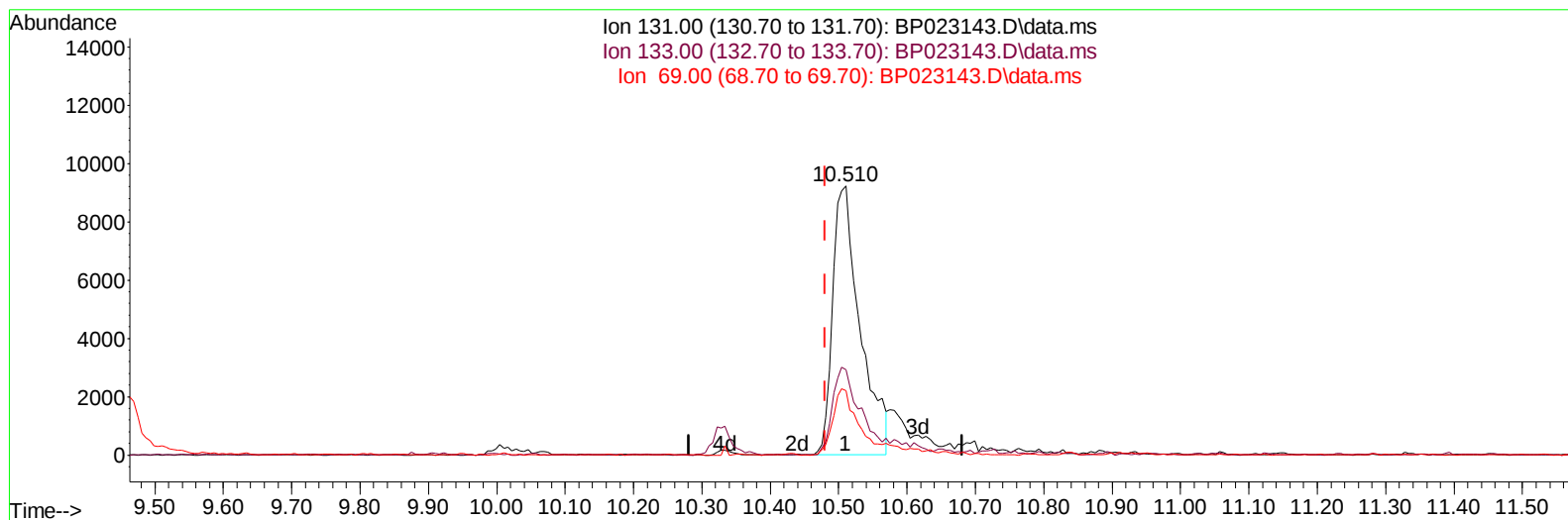
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111324\
Data File : BP023143.D
Acq On : 15 Nov 2024 17:26
Operator : RC/JU
Sample : P4784-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E27P6

Manual IntegrationsAPPROVED

Quant Time: Nov 15 23:35:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 13 04:49:01 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/16/2024
Supervised By :mohammad ahmed 11/18/2024



TIC: BP023143.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.510min (+ 0.029) 5.98 ng/u1

response 25758

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	33.90	31.78
69.00	23.10	24.02
0.00	0.00	0.00

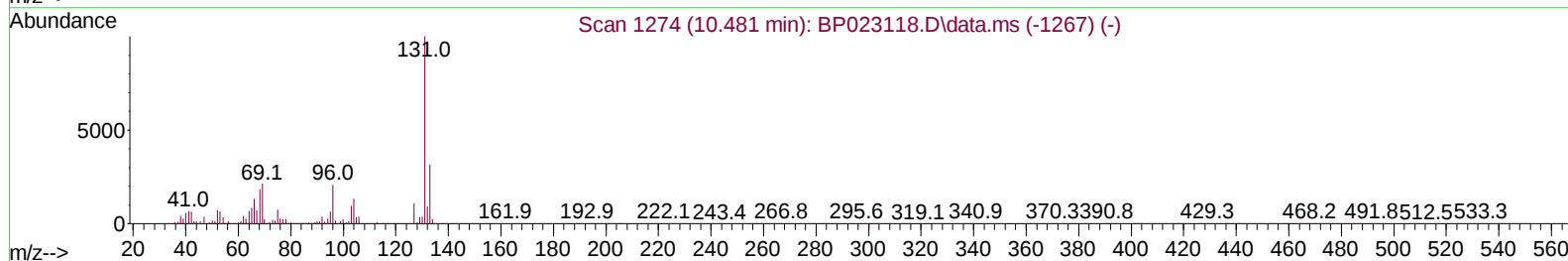
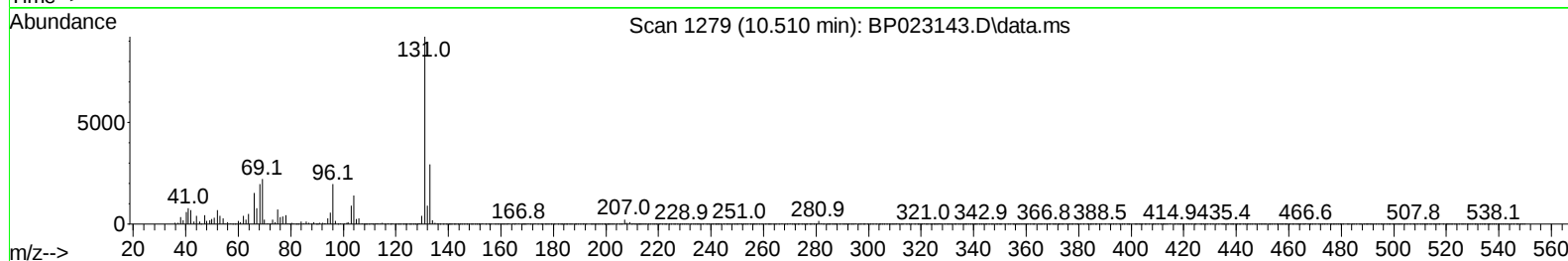
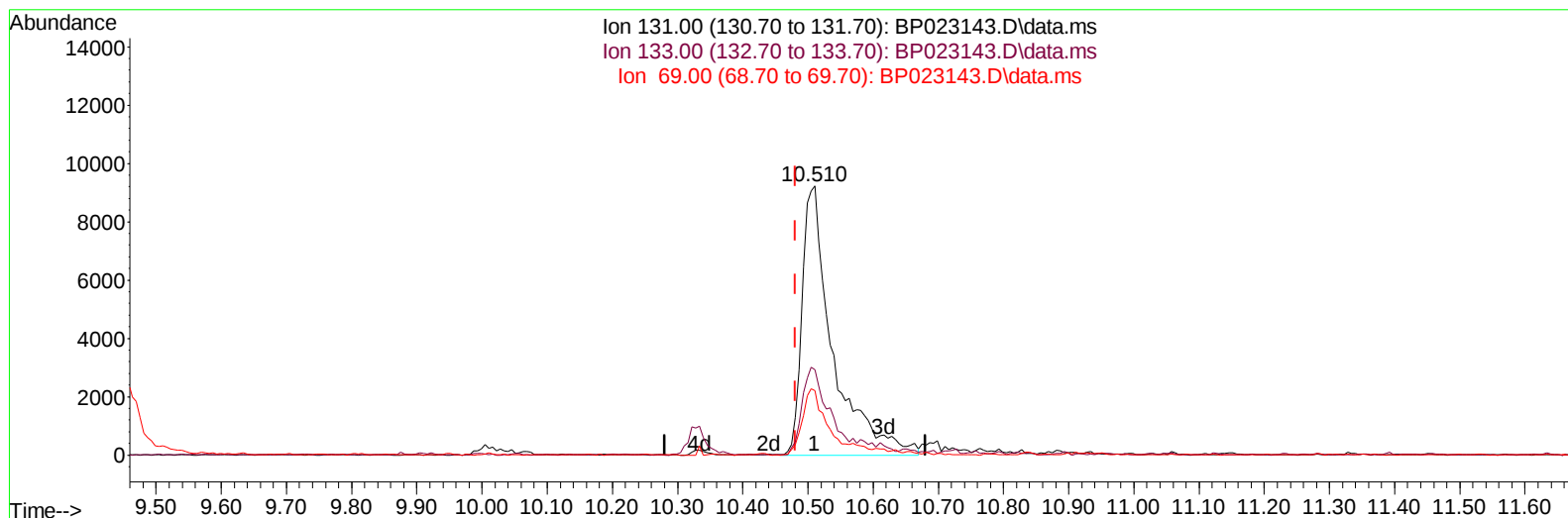
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111324\
 Data File : BP023143.D
 Acq On : 15 Nov 2024 17:26
 Operator : RC/JU
 Sample : P4784-18
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E27P6

Manual IntegrationsAPPROVED

Quant Time: Nov 15 23:35:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 13 04:49:01 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/16/2024
 Supervised By :mohammad ahmed 11/18/2024



TIC: BP023143.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.510min (+ 0.029) 6.99 ng/ul m

response 30069

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	33.90	31.78
69.00	23.10	24.02
0.00	0.00	0.00

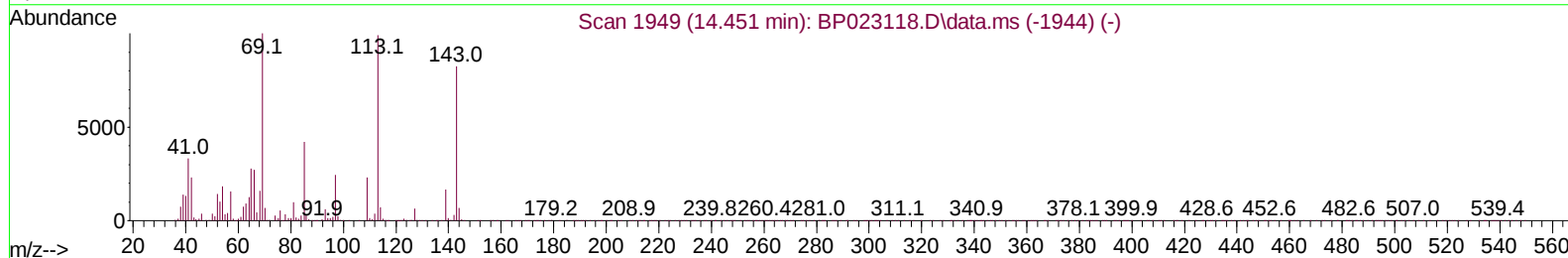
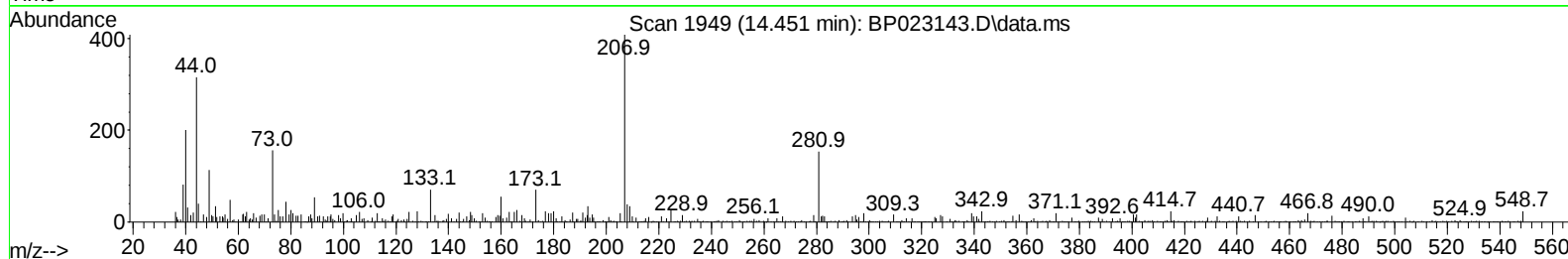
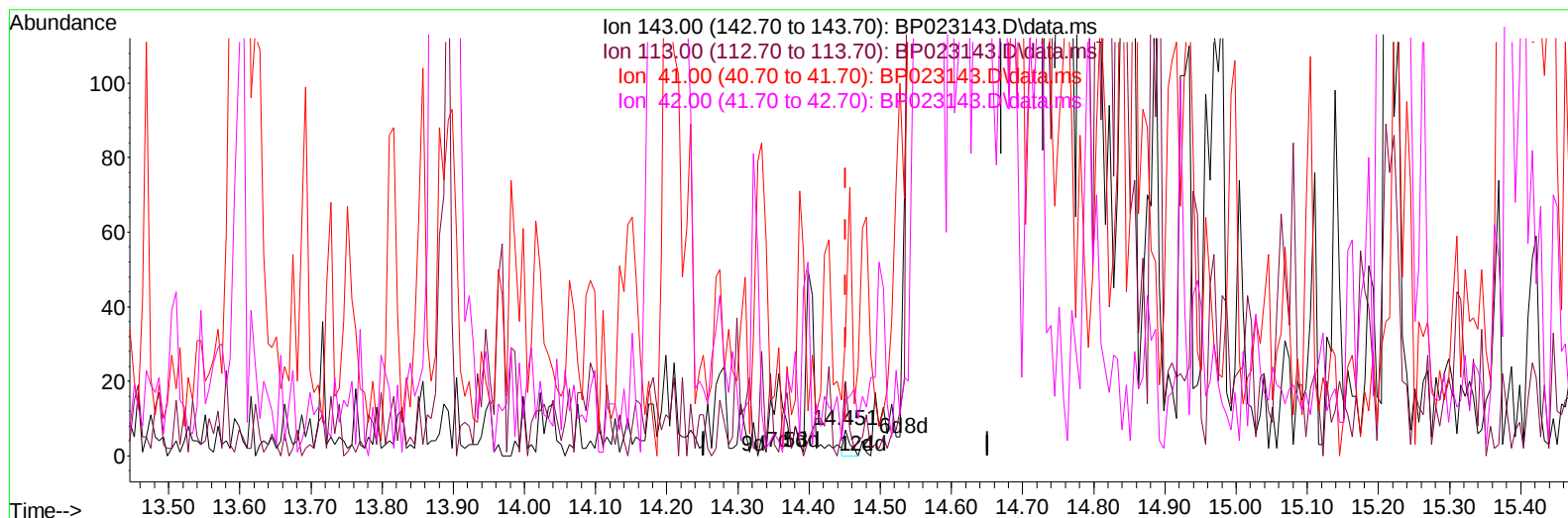
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111324\
 Data File : BP023143.D
 Acq On : 15 Nov 2024 17:26
 Operator : RC/JU
 Sample : P4784-18
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E27P6

Manual IntegrationsAPPROVED

Quant Time: Nov 15 23:38:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 13 04:49:01 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/16/2024
 Supervised By :mohammad ahmed 11/18/2024



TIC: BP023143.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.451min (+ 0.000) 0.00 ng/u1

response 4

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	107.90	285.71#
41.00	39.20	457.14#
42.00	25.90	214.29#

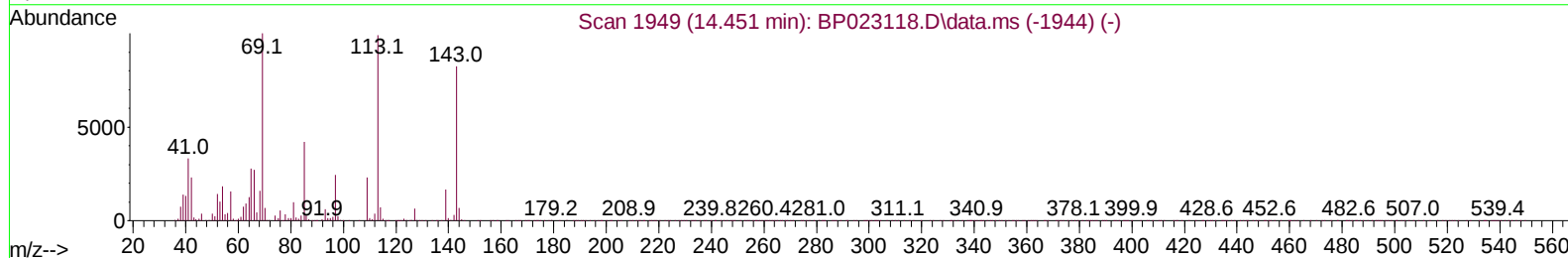
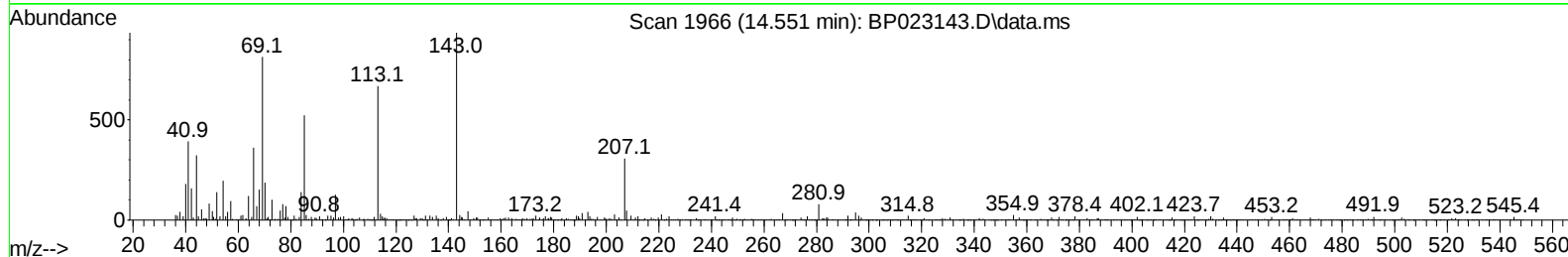
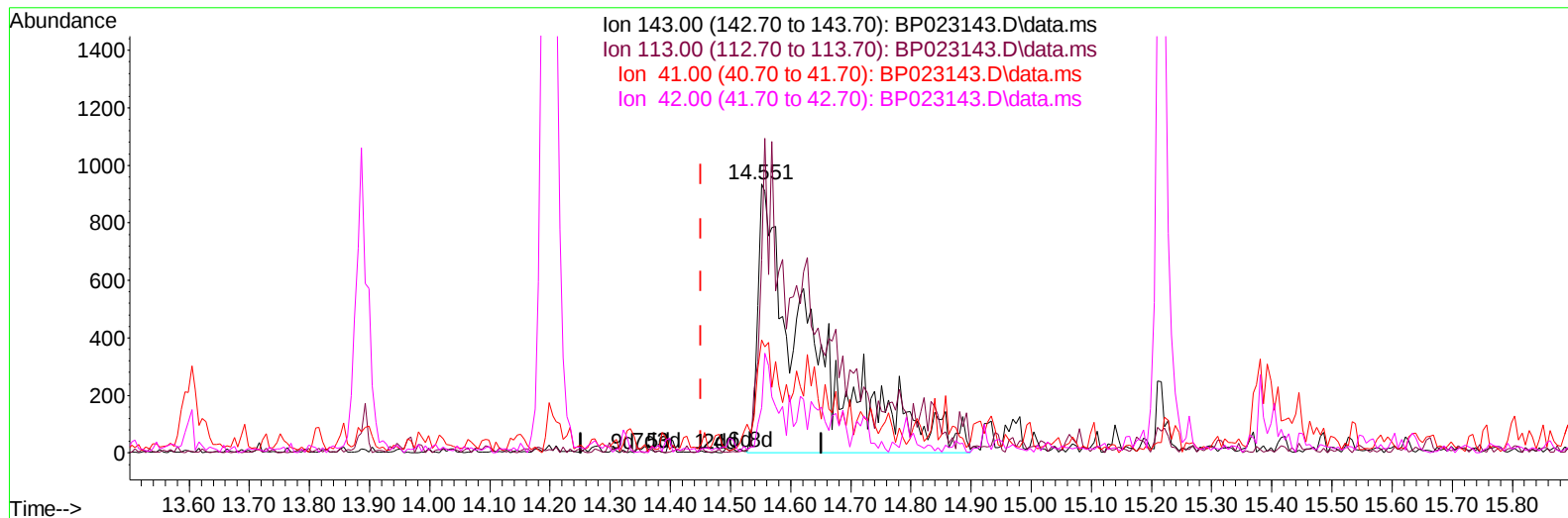
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111324\
Data File : BP023143.D
Acq On : 15 Nov 2024 17:26
Operator : RC/JU
Sample : P4784-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E27P6

Manual IntegrationsAPPROVED

Quant Time: Nov 15 23:38:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 13 04:49:01 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/16/2024
Supervised By :mohammad ahmed 11/18/2024



TIC: BP023143.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.551min (+ 0.100) 3.23 ng/ul m

response 5883

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	107.90	71.66#
41.00	39.20	42.03
42.00	25.90	16.79#

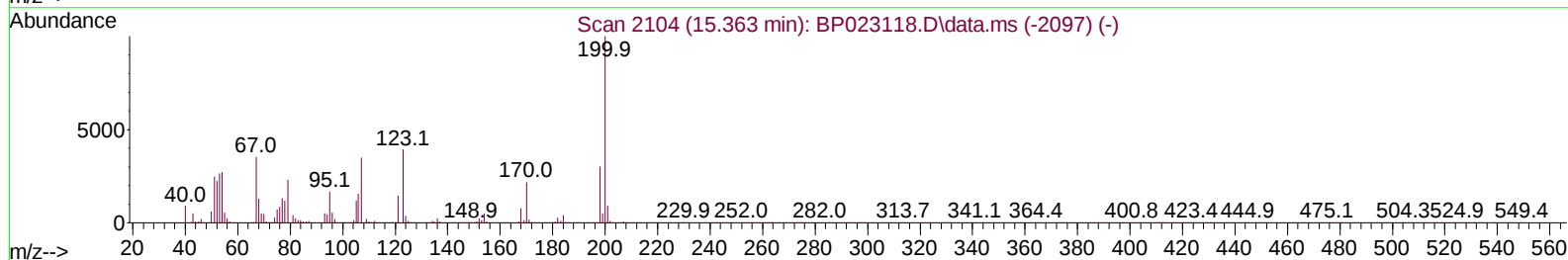
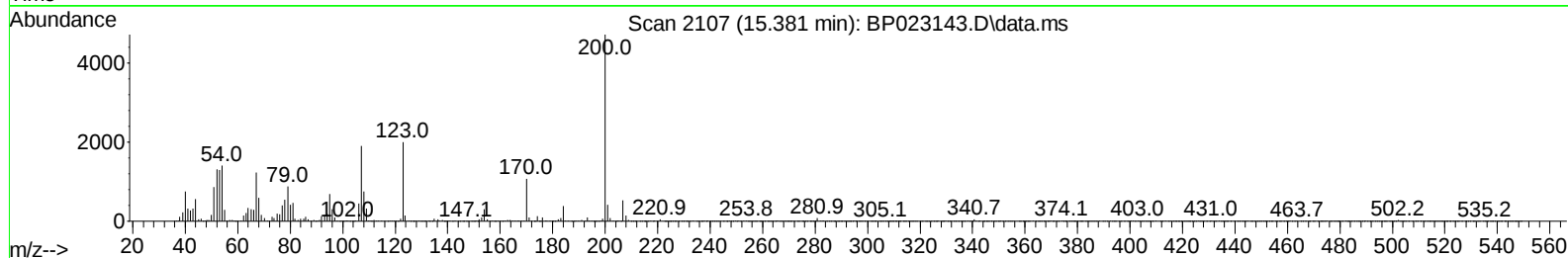
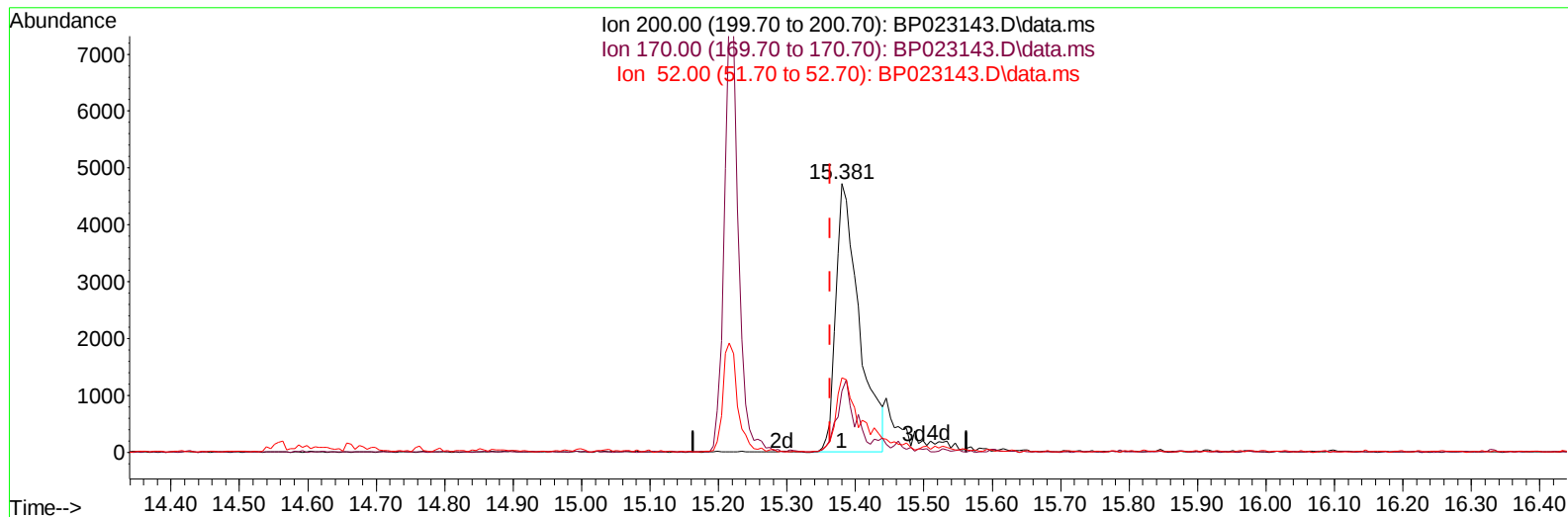
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111324\
Data File : BP023143.D
Acq On : 15 Nov 2024 17:26
Operator : RC/JU
Sample : P4784-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E27P6

Manual IntegrationsAPPROVED

Quant Time: Nov 15 23:38:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 13 04:49:01 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/16/2024
Supervised By :mohammad ahmed 11/18/2024



TIC: BP023143.D\data.ms

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

15.381min (+ 0.018) 4.31 ng/ul

response 11125

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	22.70	22.71
52.00	35.30	27.83#
0.00	0.00	0.00

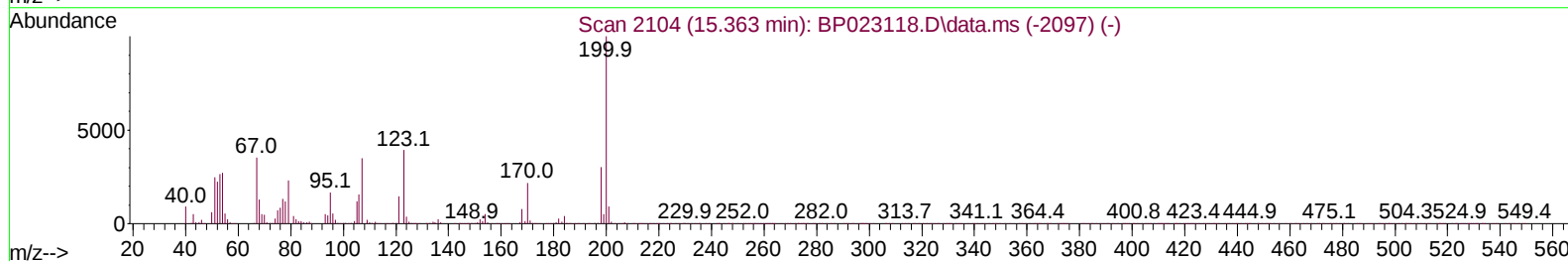
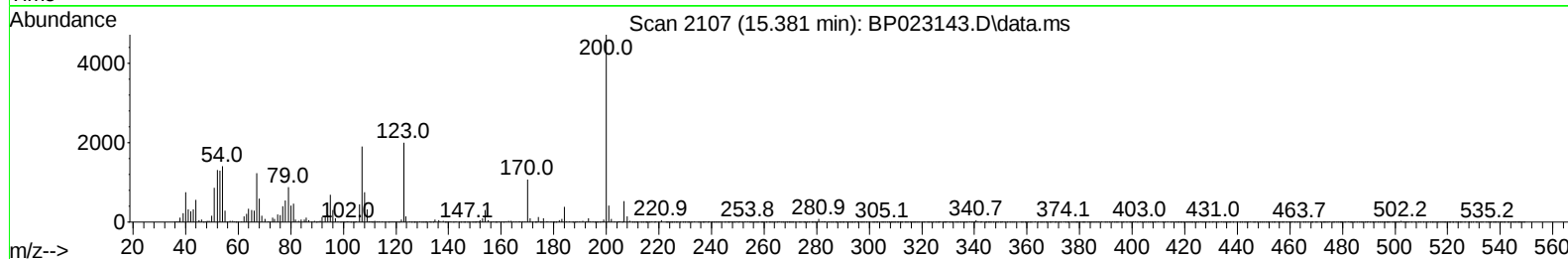
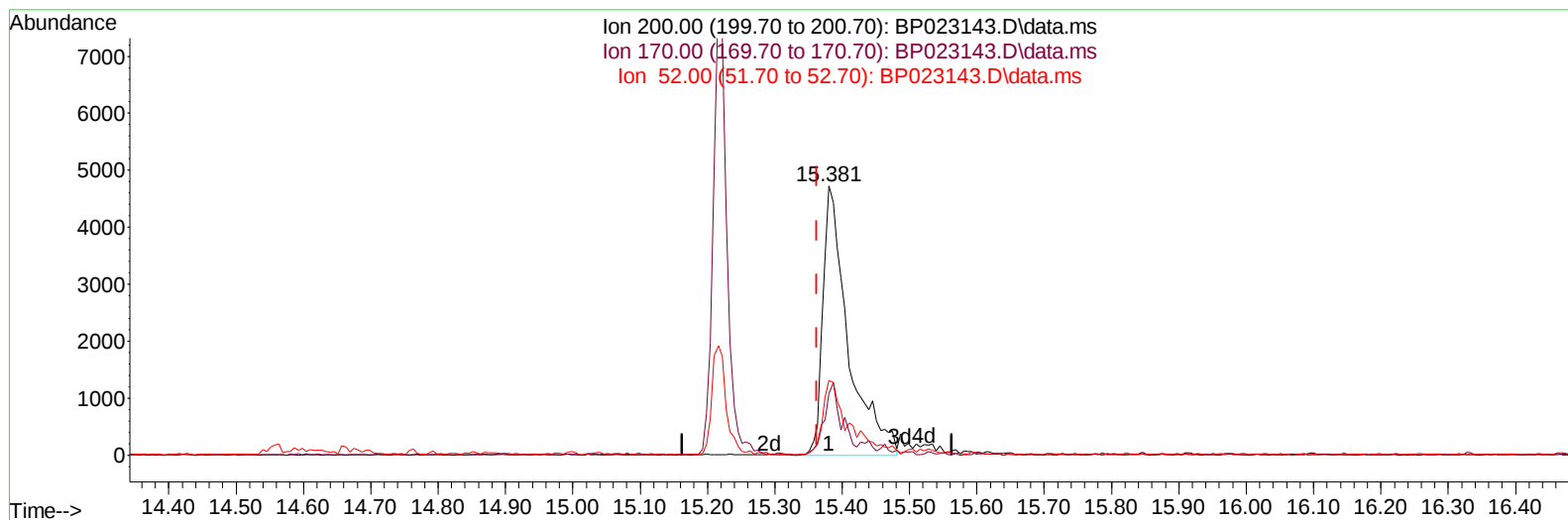
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111324\
Data File : BP023143.D
Acq On : 15 Nov 2024 17:26
Operator : RC/JU
Sample : P4784-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E27P6

Manual IntegrationsAPPROVED

Quant Time: Nov 15 23:38:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 13 04:49:01 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/16/2024
Supervised By :mohammad ahmed 11/18/2024



TIC: BP023143.D\data.ms

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

15.381min (+ 0.018) 4.78 ng/ul m

response 12323

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	22.70	22.71
52.00	35.30	27.83#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111324\
 Data File : BP023143.D
 Acq On : 15 Nov 2024 17:26
 Operator : RC/JU
 Sample : P4784-18
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E27P6

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/16/2024
 Supervised By :mohammad ahmed 11/18/2024

Quant Time: Nov 15 23:40:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 13 04:49:01 2024
 Response via : Initial Calibration

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.581	152		55381	20.000	ng/ul	0.00
20) Naphthalene-d8	10.328	136		207583	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.198	164		168350	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.010	188		430654	20.000	ng/ul	0.00
79) Chrysene-d12	21.439	240		480131	20.000	ng/ul	0.00
88) Perylene-d12	24.651	264		568657	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.134	96		4335	3.763	ng/uL	0.00
4) Pyridine-d5	3.570	84		12062	3.524	ng/ul	0.02
7) Phenol-d5	6.799	99		16686m	4.075	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	6.934	67		18714	7.779	ng/ul	0.00
11) 2-Chlorophenol-d4	7.134	132		21091	7.033	ng/ul	0.00
15) 4-Methylphenol-d8	8.310	113		20985m	6.228	ng/ul	0.02
21) Nitrobenzene-d5	8.734	128		10812	7.482	ng/ul	0.01
24) 2-Nitrophenol-d4	9.446	143		12883	7.478	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.010	165		25690m	7.120	ng/ul	0.04
31) 4-Chloroaniline-d4	10.510	131		30069m	6.986	ng/ul	0.03
46) Dimethylphthalate-d6	13.604	166		106288	8.760	ng/ul	0.00
49) Acenaphthylene-d8	13.887	160		101724	8.035	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.551	143		5883m	3.226	ng/ul	0.10
60) Fluorene-d10	15.216	176		92576	8.702	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.381	200		12323m	4.777	ng/ul	0.02
73) Anthracene-d10	17.110	188		158888	8.714	ng/ul	0.00
81) Pyrene-d10	19.504	212		213874	9.671	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.439	264		251482	9.284	ng/ul	0.00

Target Compounds Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111324\
Data File : BP023143.D
Acq On : 15 Nov 2024 17:26
Operator : RC/JU
Sample : P4784-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E27P6

Manual IntegrationsAPPROVED

Quant Time: Nov 15 23:40:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 13 04:49:01 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/16/2024
Supervised By :mohammad ahmed 11/18/2024

