

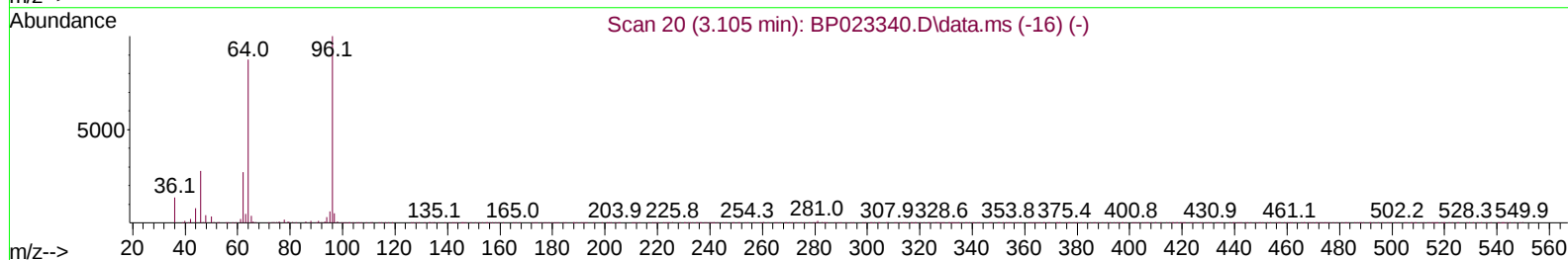
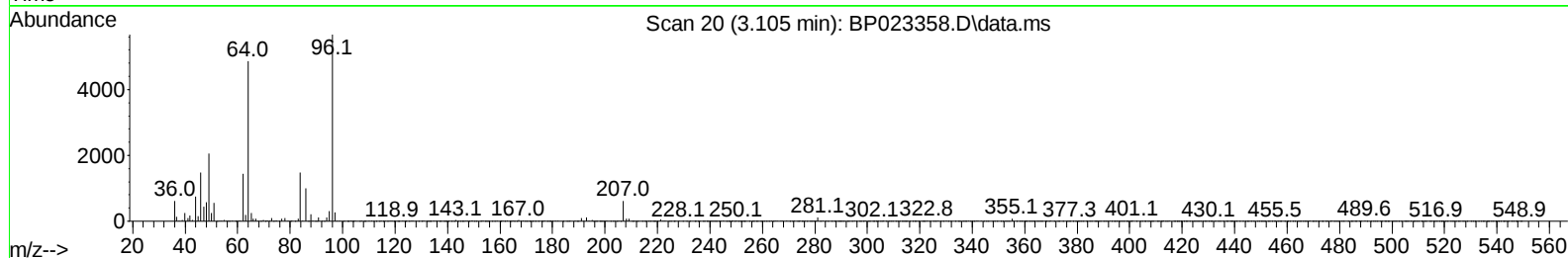
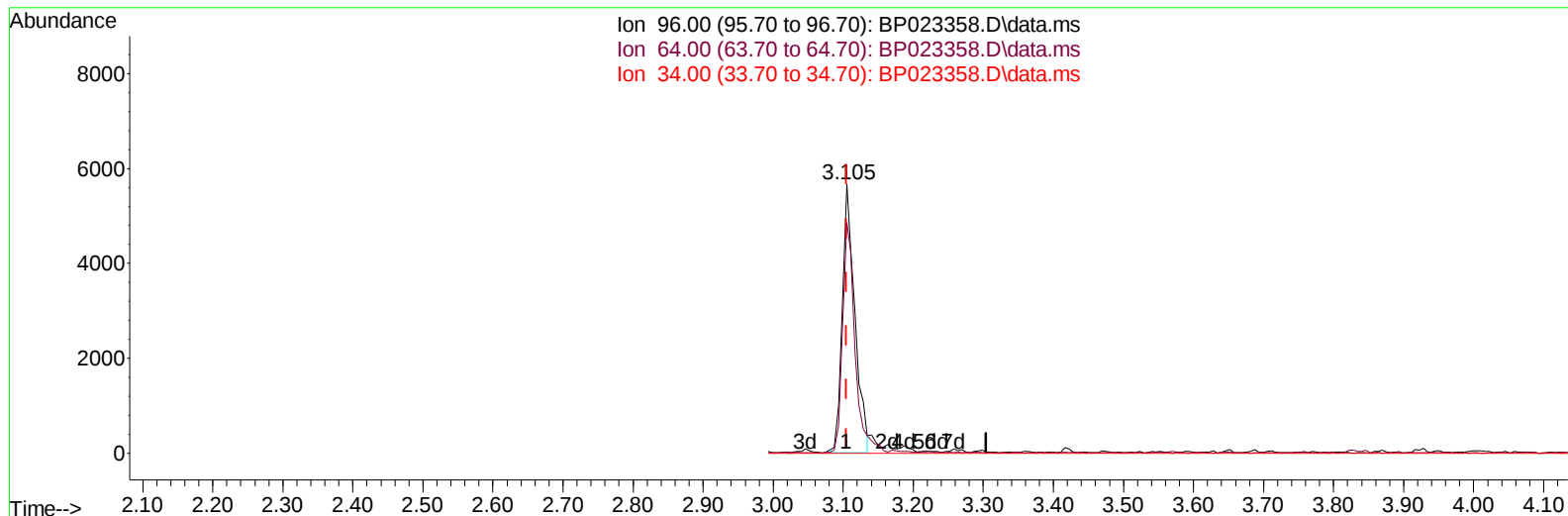
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121024\
Data File : BP023358.D
Acq On : 10 Dec 2024 23:18
Operator : RC/JU
Sample : P5109-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHJB3

Manual IntegrationsAPPROVED

Quant Time: Dec 11 03:55:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/13/2024



TIC: BP023358.D\data.ms

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

3.105min (-0.000) 3.69 ng/uL

response 7067

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	73.20	85.71
34.00	0.00	0.00
0.00	0.00	0.00

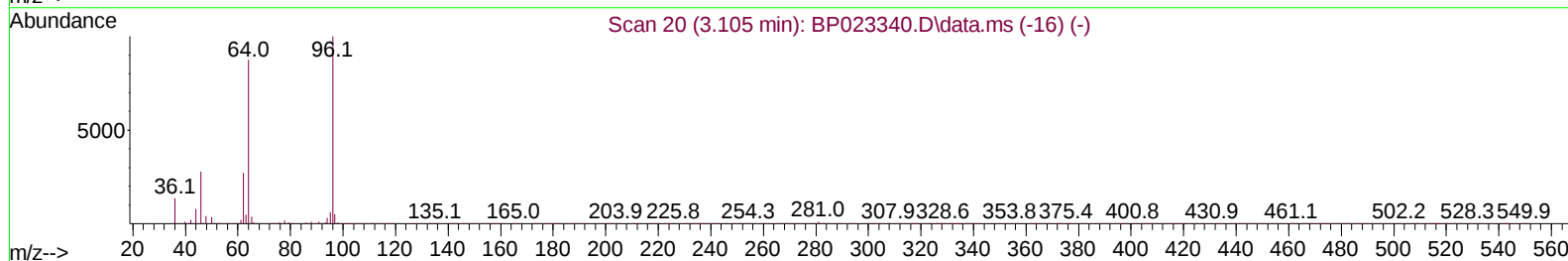
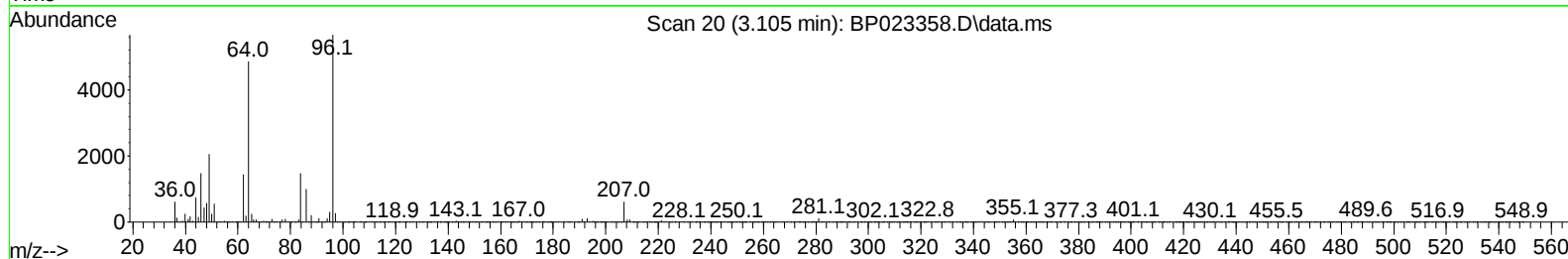
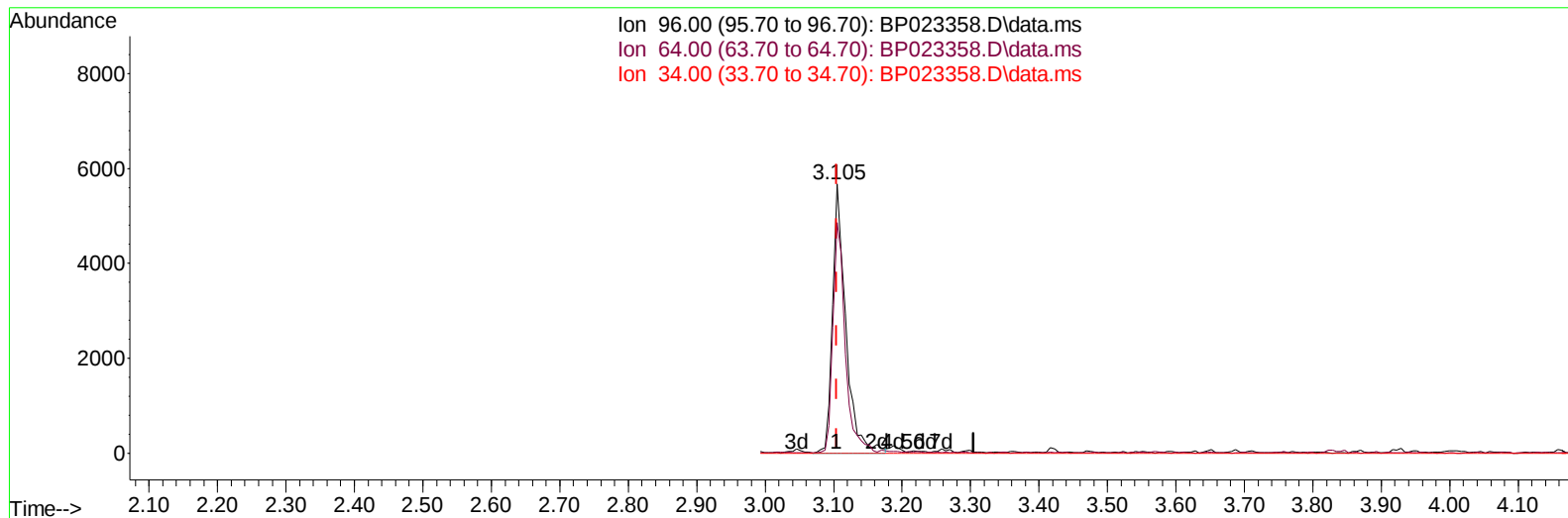
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121024\
Data File : BP023358.D
Acq On : 10 Dec 2024 23:18
Operator : RC/JU
Sample : P5109-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHJB3

Manual IntegrationsAPPROVED

Quant Time: Dec 11 03:55:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/13/2024



TIC: BP023358.D\data.ms

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

3.105min (-0.000) 3.94 ng/uL m

response 7551

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	73.20	85.71
34.00	0.00	0.00
0.00	0.00	0.00

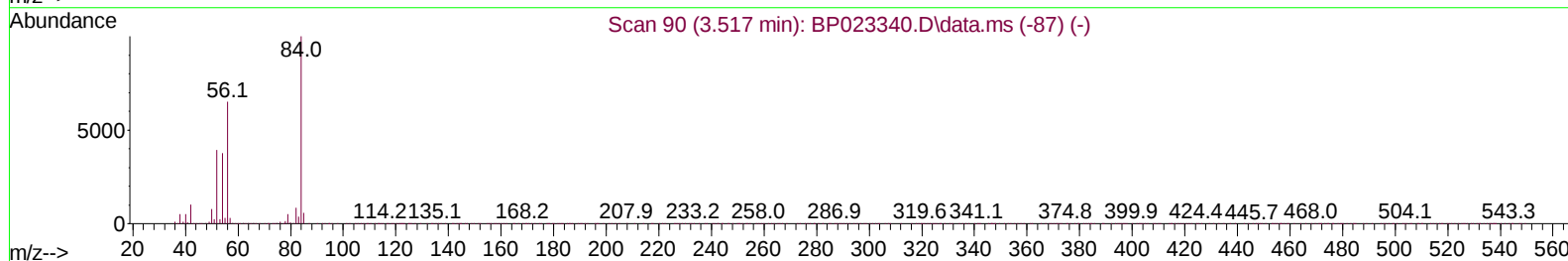
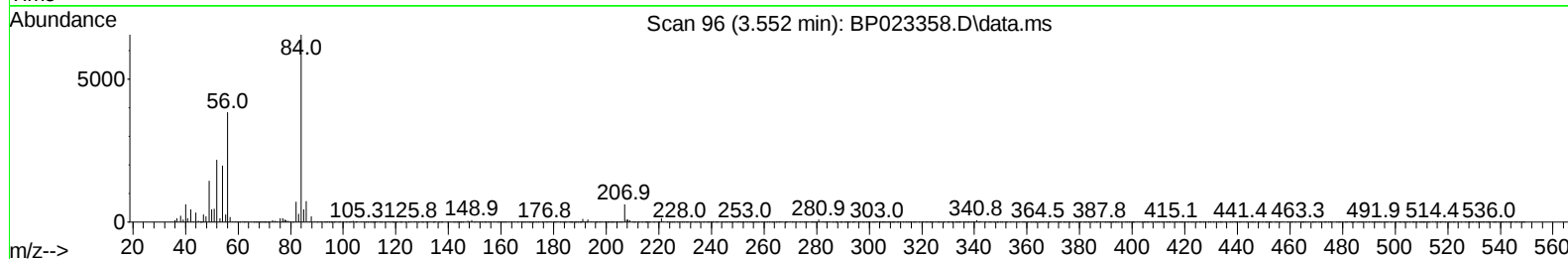
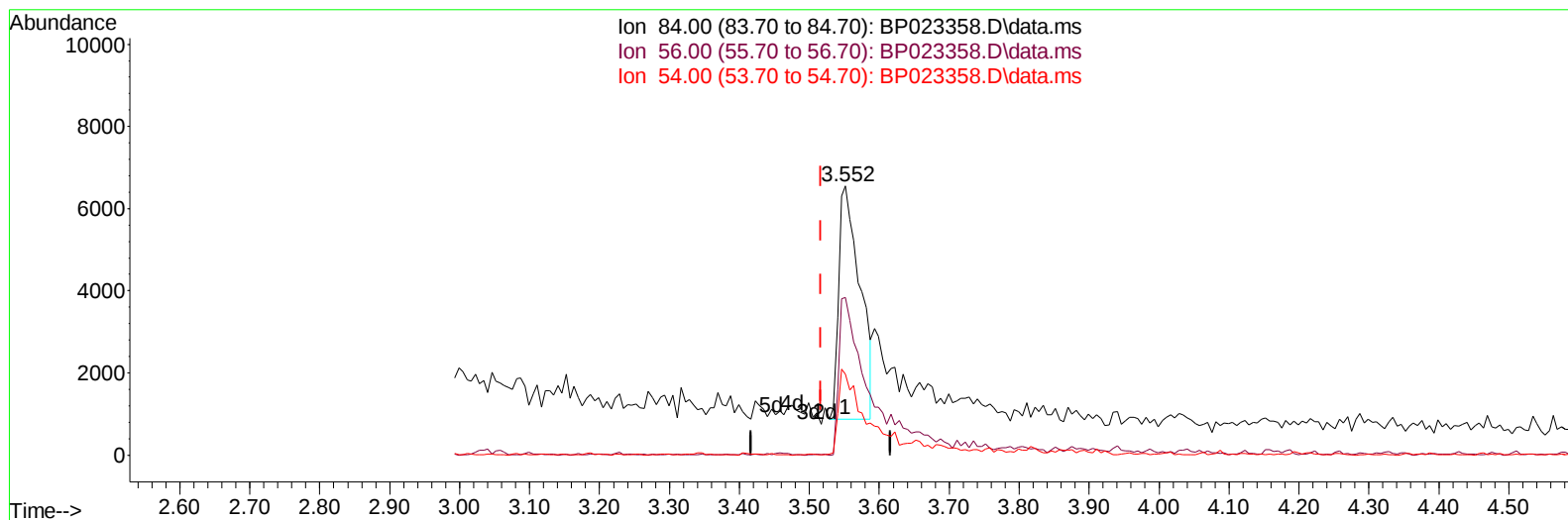
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121024\
Data File : BP023358.D
Acq On : 10 Dec 2024 23:18
Operator : RC/JU
Sample : P5109-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHJB3

Manual IntegrationsAPPROVED

Quant Time: Dec 11 03:55:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/13/2024



TIC: BP023358.D\data.ms

(4) Pyridine-d5 (S)

3.552min (+ 0.035) 2.44 ng/u1

response 12038

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	62.80	58.59
54.00	34.40	30.04
0.00	0.00	0.00

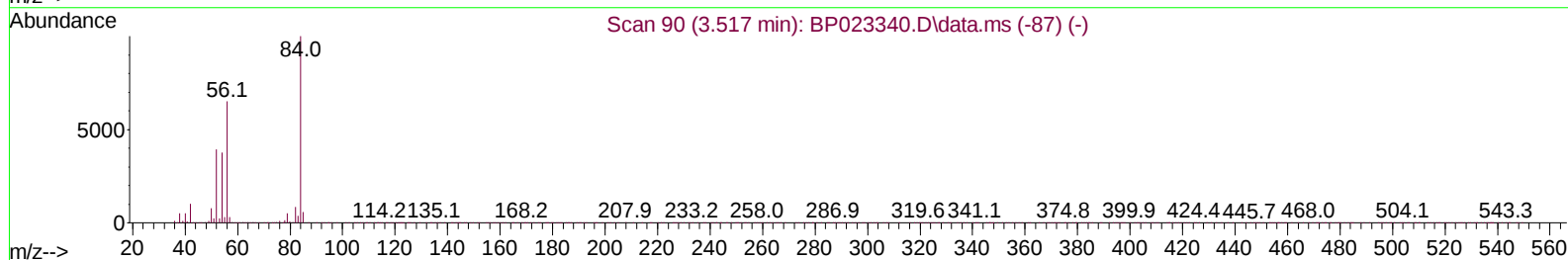
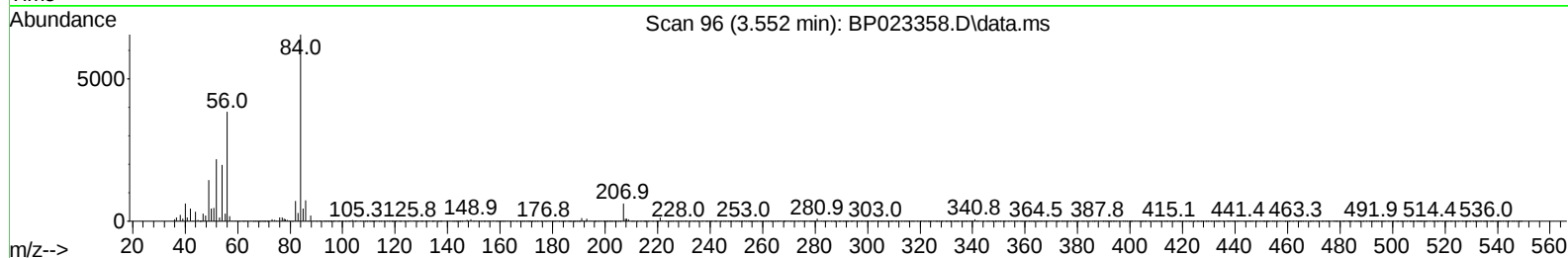
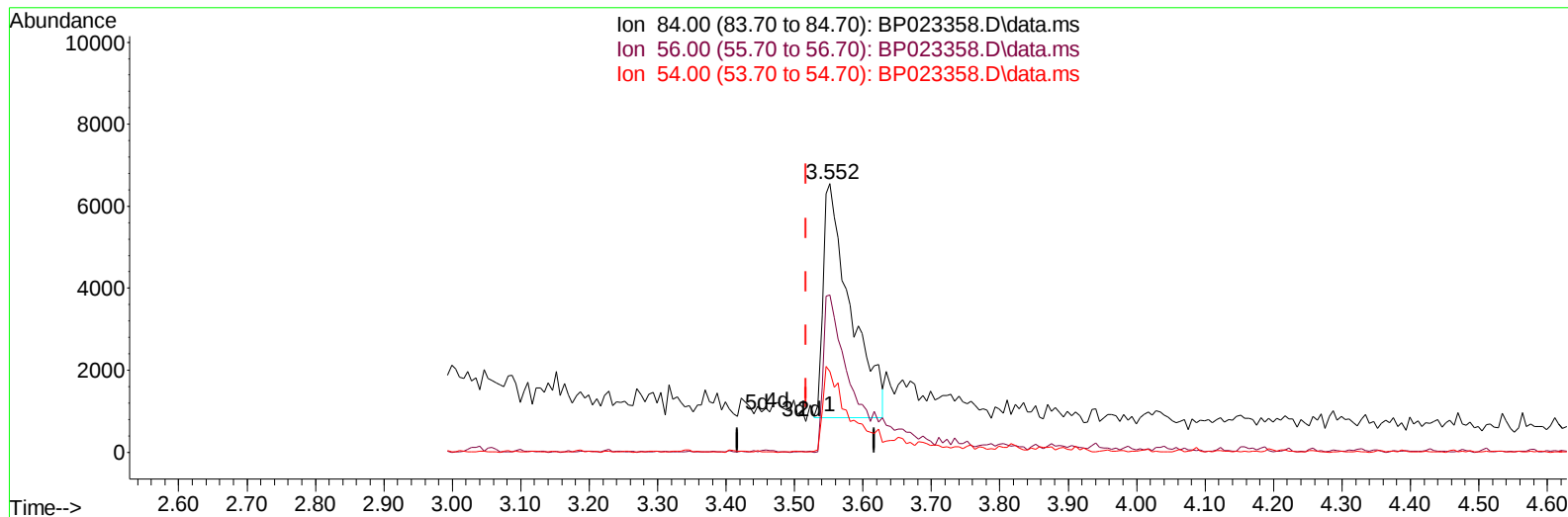
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121024\
 Data File : BP023358.D
 Acq On : 10 Dec 2024 23:18
 Operator : RC/JU
 Sample : P5109-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BHJB3

Manual IntegrationsAPPROVED

Quant Time: Dec 11 03:55:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 00:30:30 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/12/2024
 Supervised By :mohammad ahmed 12/13/2024



TIC: BP023358.D\data.ms

(4) Pyridine-d5 (S)

3.552min (+ 0.035) 3.19 ng/ul m

response 15705

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	62.80	58.59
54.00	34.40	30.04
0.00	0.00	0.00

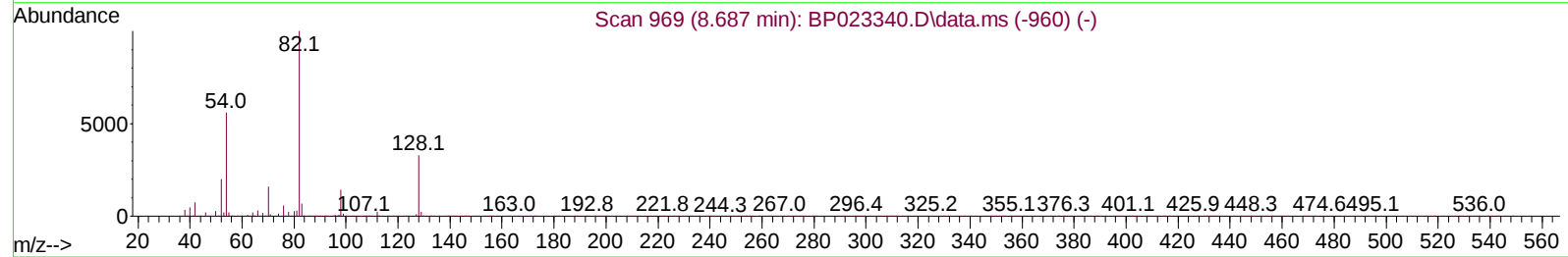
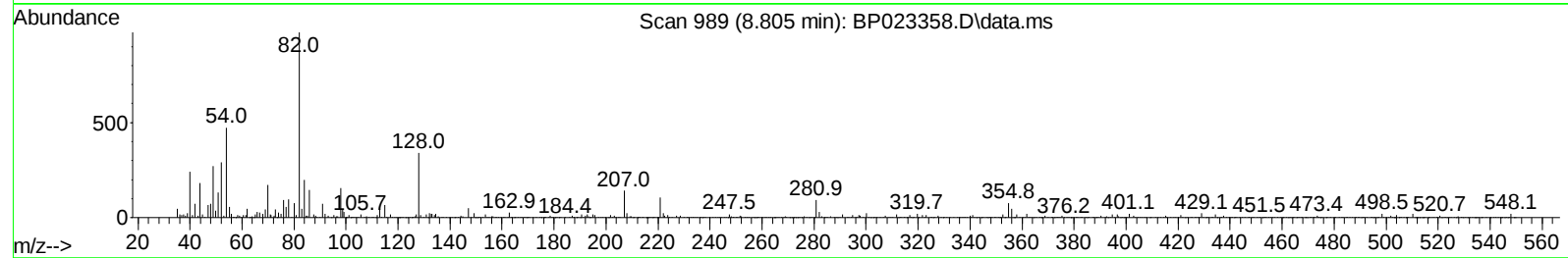
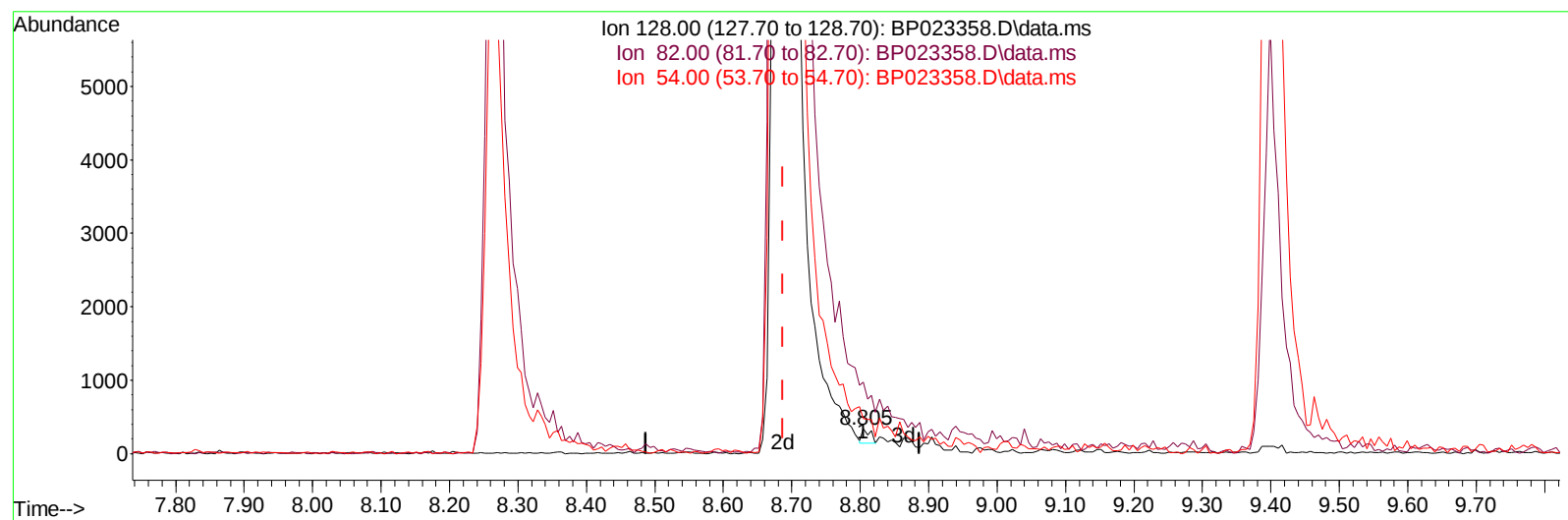
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121024\
Data File : BP023358.D
Acq On : 10 Dec 2024 23:18
Operator : RC/JU
Sample : P5109-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHJB3

Manual IntegrationsAPPROVED

Quant Time: Dec 11 03:55:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/13/2024



TIC: BP023358.D\data.ms

(21) Nitrobenzene-d5 (S)

8.805min (+ 0.118) 0.09 ng/u1

response 168

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	286.30	287.61
54.00	141.70	139.53
0.00	0.00	0.00

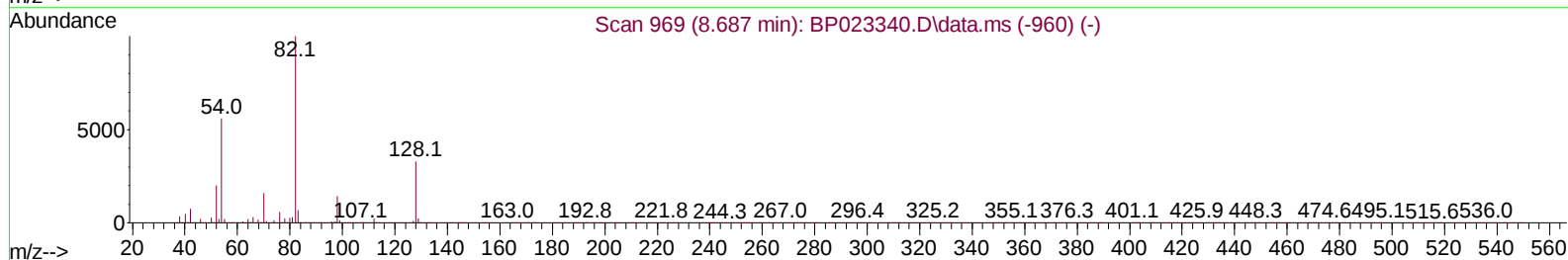
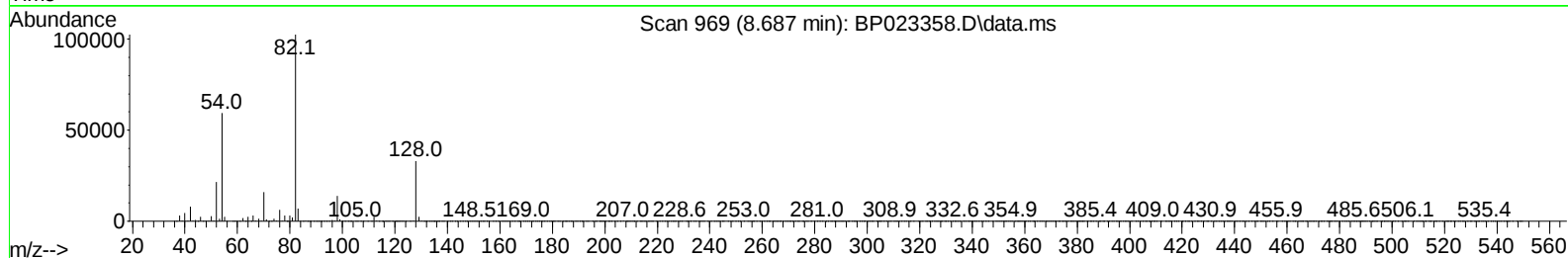
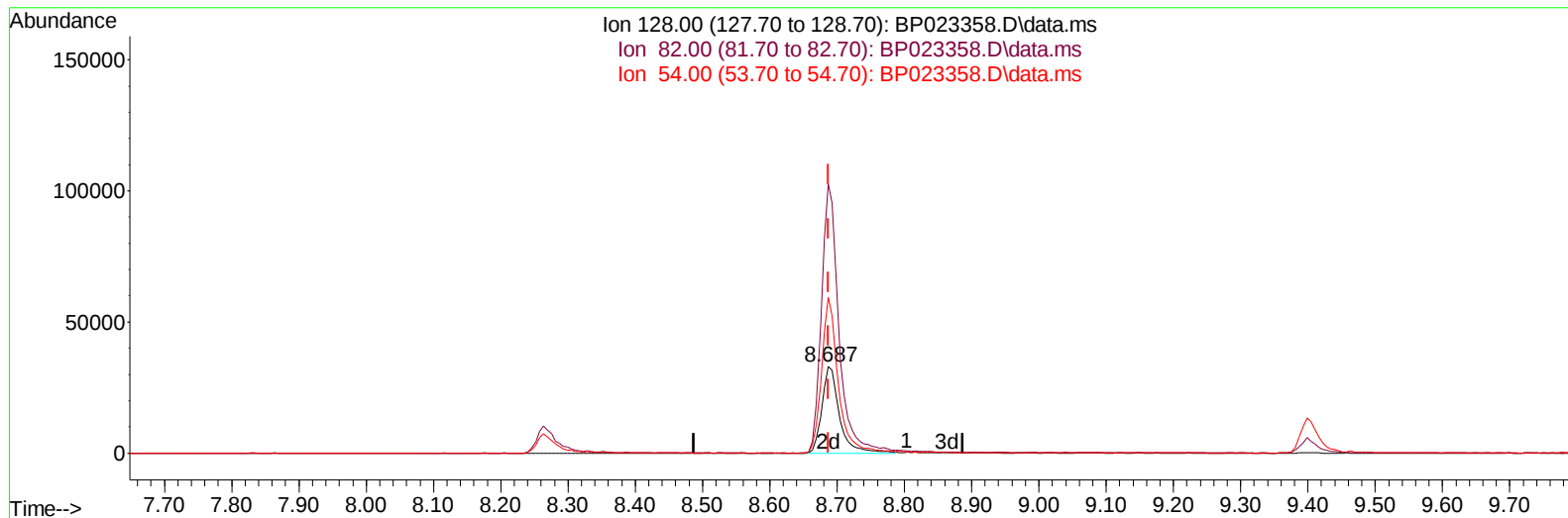
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Data File : BP023358.D
Acq On : 10 Dec 2024 23:18
Operator : RC/JU
Sample : P5109-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHJB3

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/13/2024

Quant Time: Dec 11 03:55:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration



TIC: BP023358.D\data.ms

(21) Nitrobenzene-d5 (S)

8.687min (-0.000) 31.87 ng/ul m

response 59347

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	286.30	310.44
54.00	141.70	179.71#
0.00	0.00	0.00

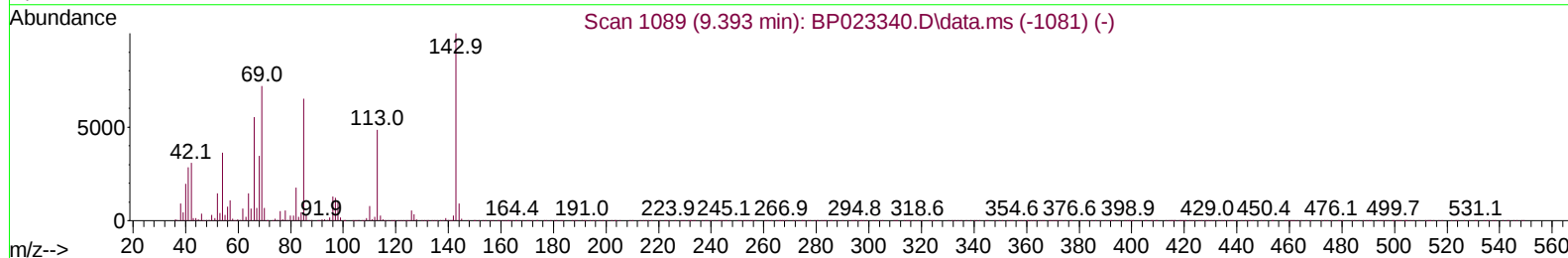
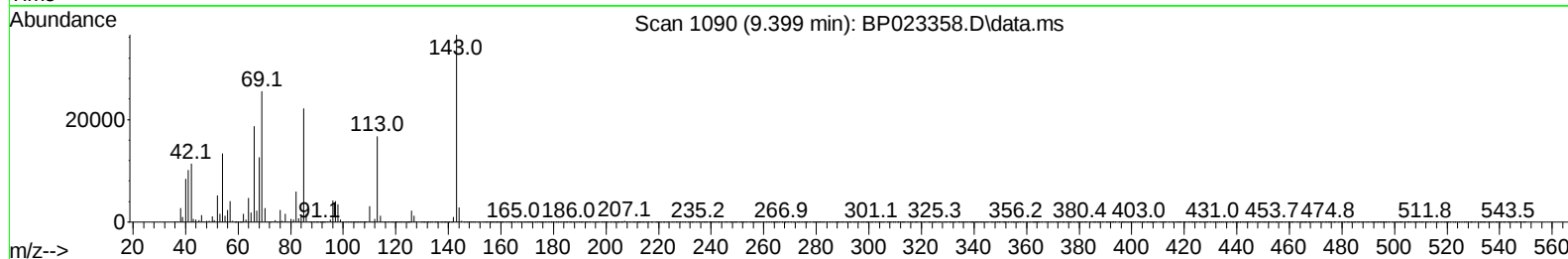
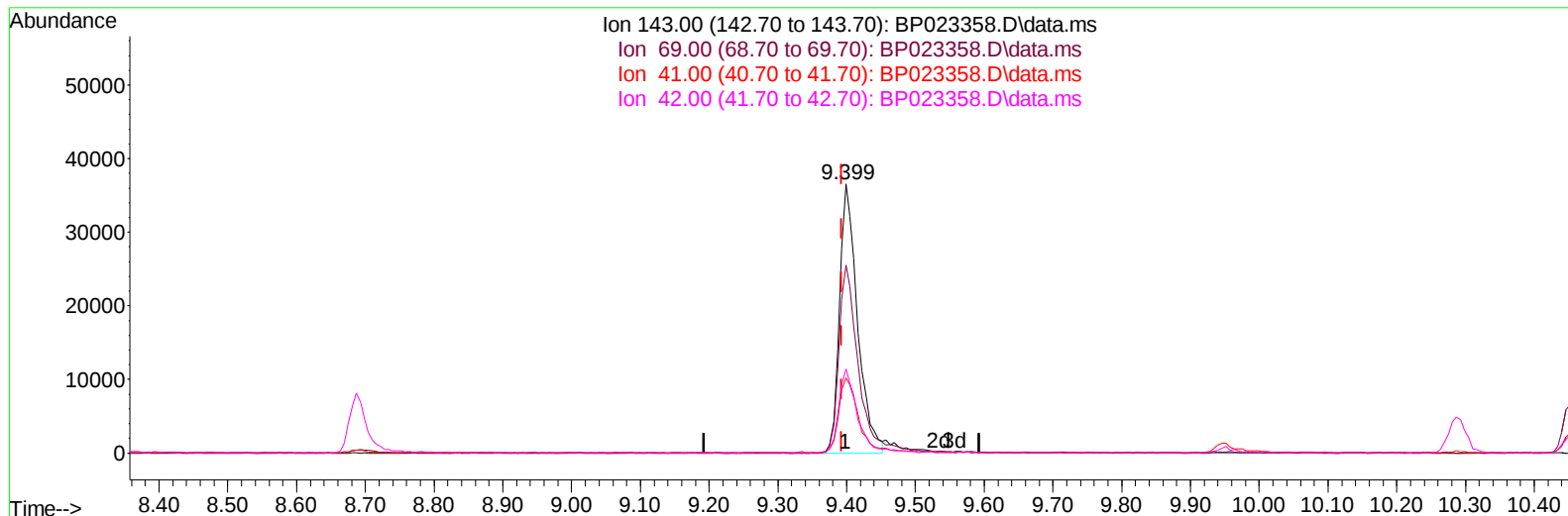
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121024\
Data File : BP023358.D
Acq On : 10 Dec 2024 23:18
Operator : RC/JU
Sample : P5109-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHJB3

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/13/2024

Quant Time: Dec 11 03:55:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration



TIC: BP023358.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.399min (+ 0.006) 30.95 ng/u1

response 66422

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	60.40	69.89
41.00	23.70	27.86
42.00	24.80	31.28#

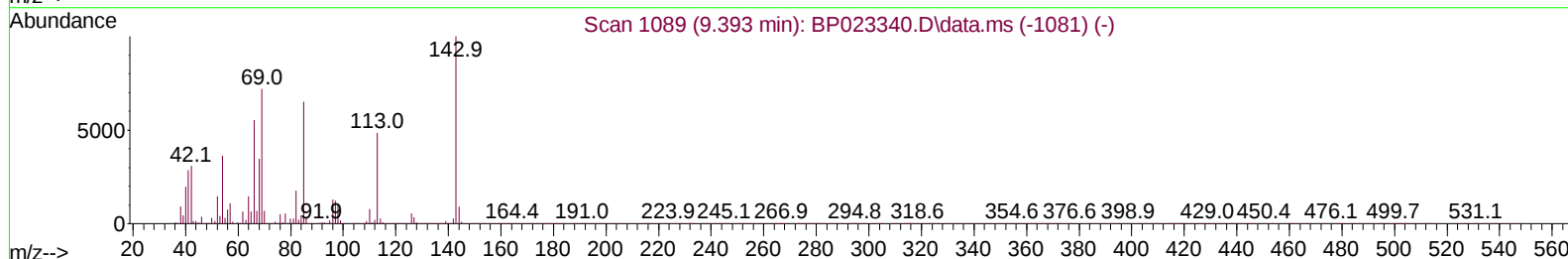
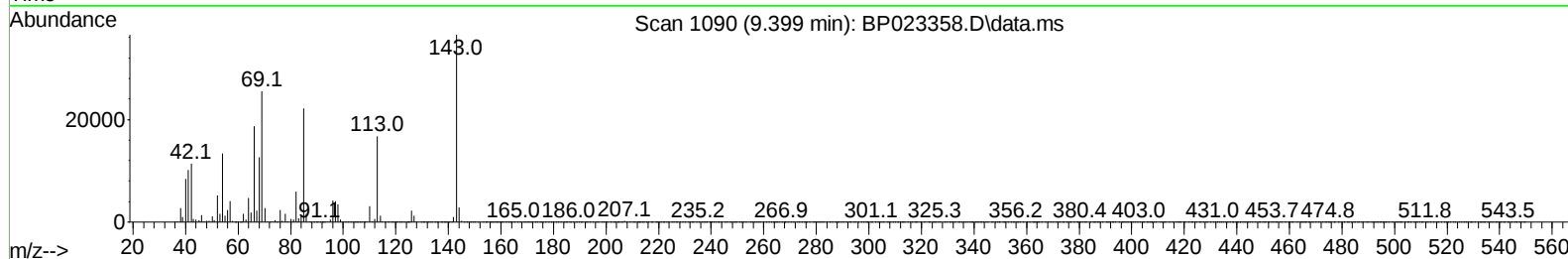
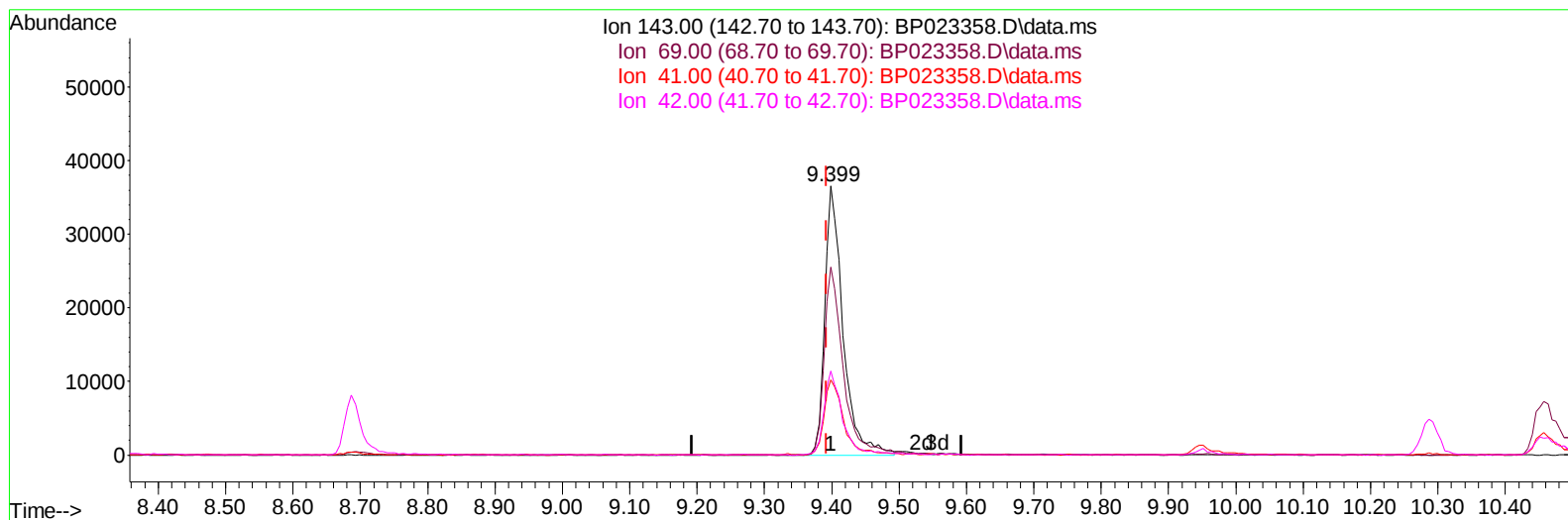
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121024\
Data File : BP023358.D
Acq On : 10 Dec 2024 23:18
Operator : RC/JU
Sample : P5109-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHJB3

Manual IntegrationsAPPROVED

Quant Time: Dec 11 03:55:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/13/2024



TIC: BP023358.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.399min (+ 0.006) 32.08 ng/ul m

response 68832

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	60.40	69.89
41.00	23.70	27.86
42.00	24.80	31.28#

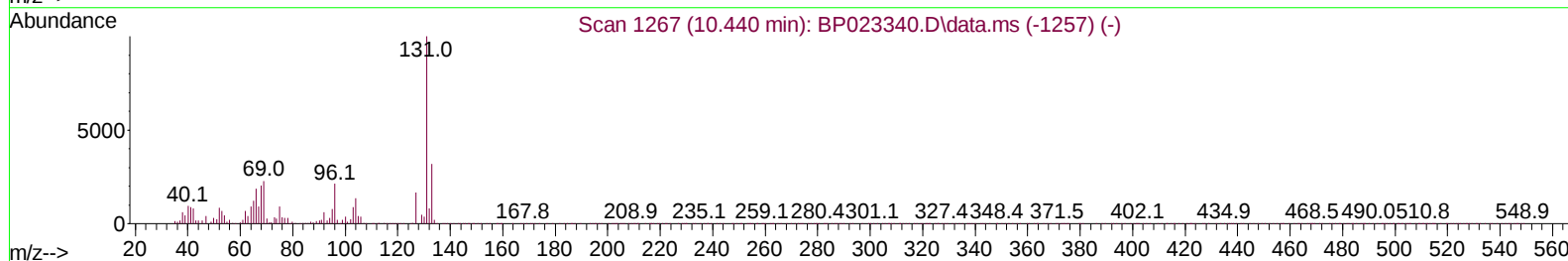
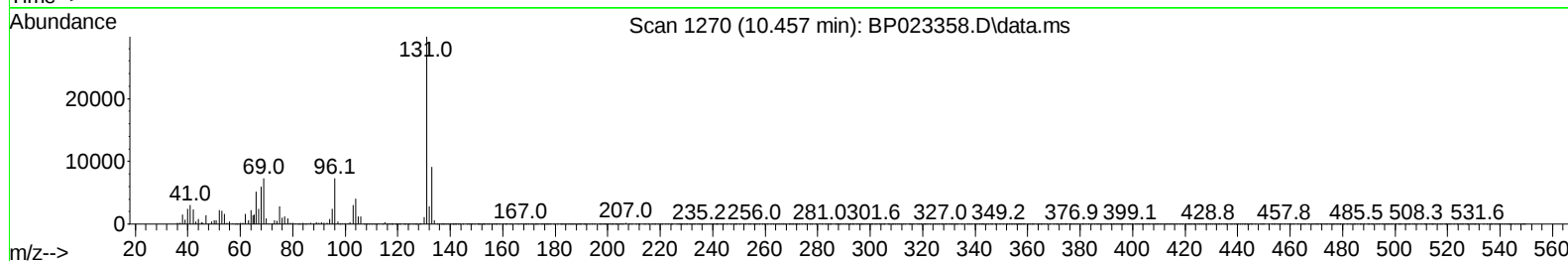
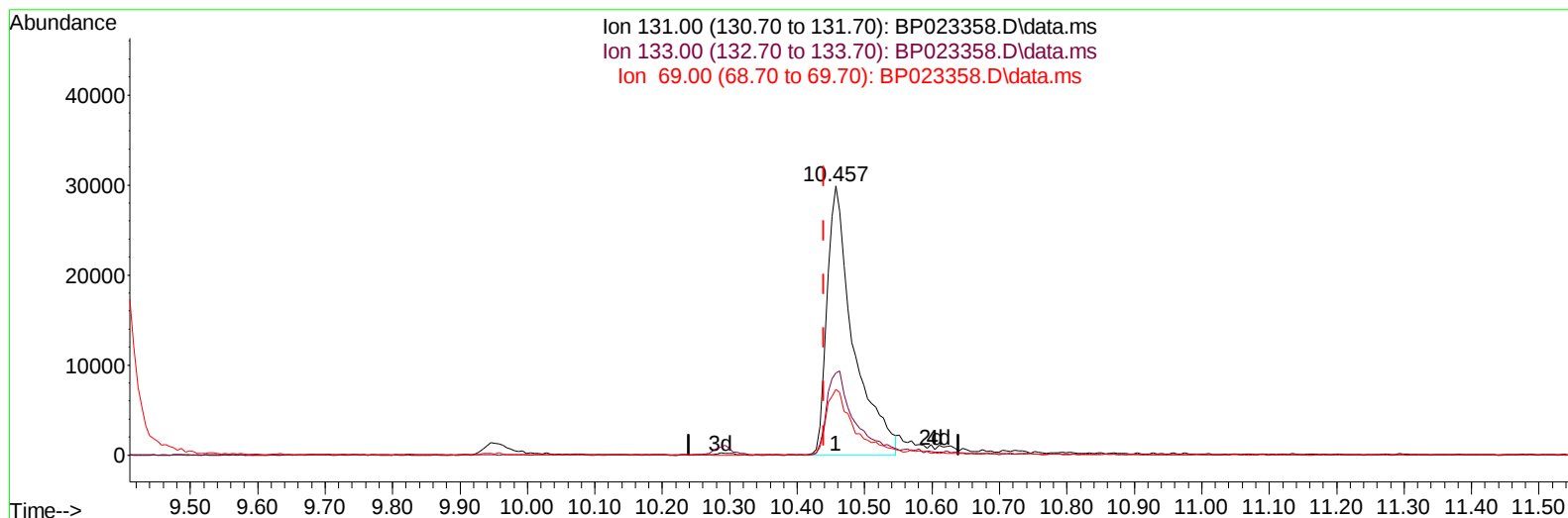
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121024\
Data File : BP023358.D
Acq On : 10 Dec 2024 23:18
Operator : RC/JU
Sample : P5109-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHJB3

Manual IntegrationsAPPROVED

Quant Time: Dec 11 03:55:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/13/2024



TIC: BP023358.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.457min (+ 0.018) 15.91 ng/u1

response 80704

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.60	30.63
69.00	24.30	24.37
0.00	0.00	0.00

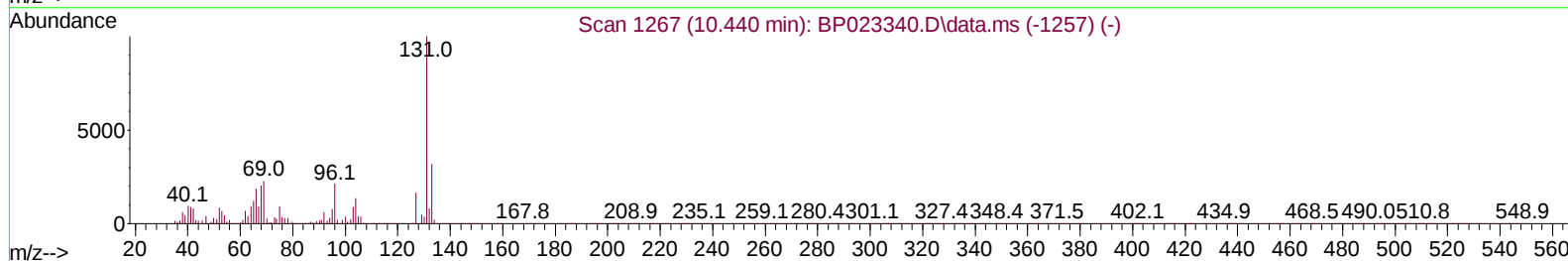
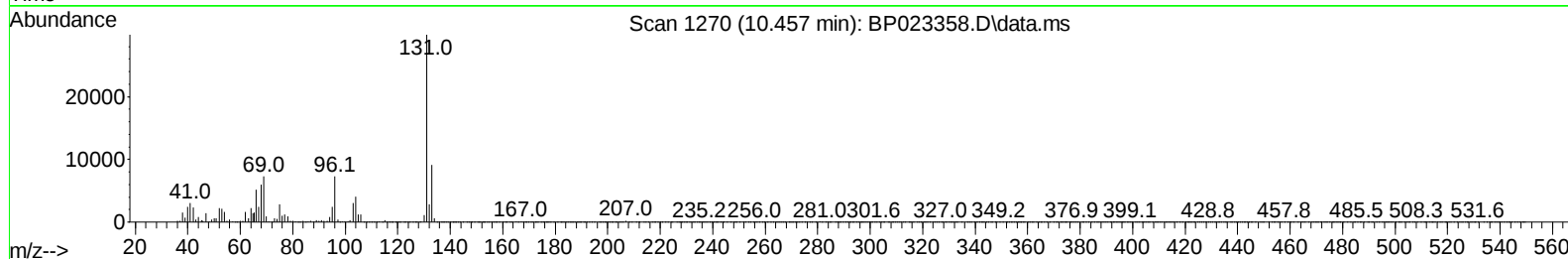
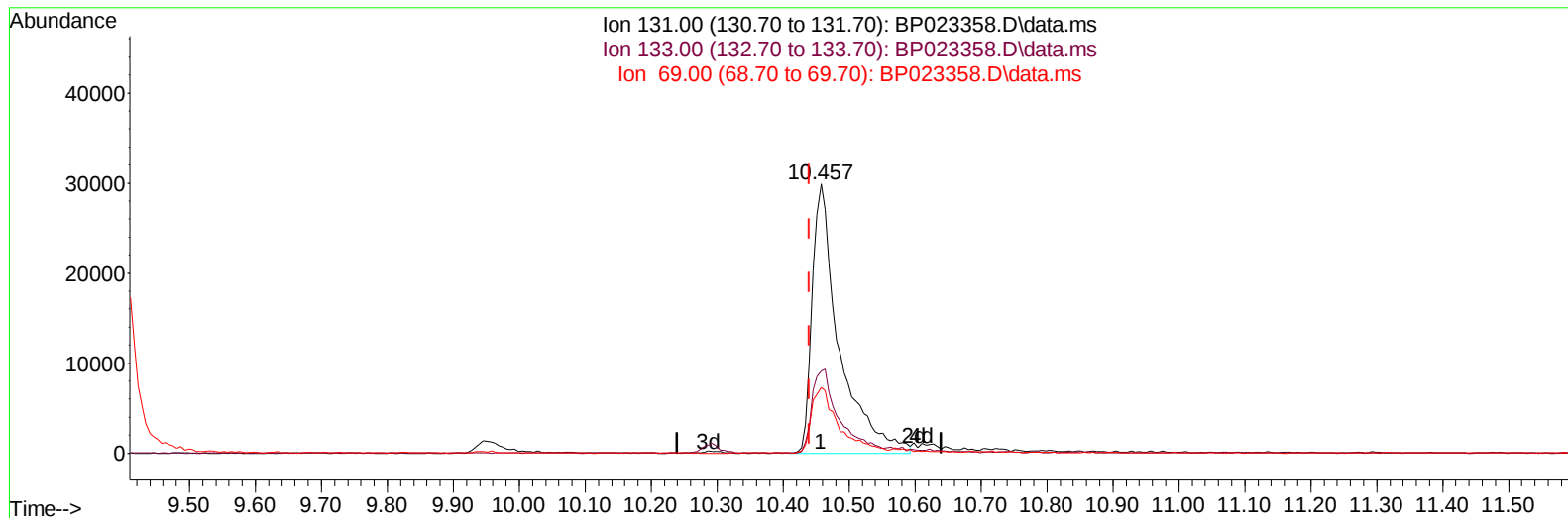
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Data File : BP023358.D
Acq On : 10 Dec 2024 23:18
Operator : RC/JU
Sample : P5109-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHJB3

Manual IntegrationsAPPROVED

Quant Time: Dec 11 03:55:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/13/2024



TIC: BP023358.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.457min (+ 0.018) 16.66 ng/ul m

response 84548

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.60	30.63
69.00	24.30	24.37
0.00	0.00	0.00

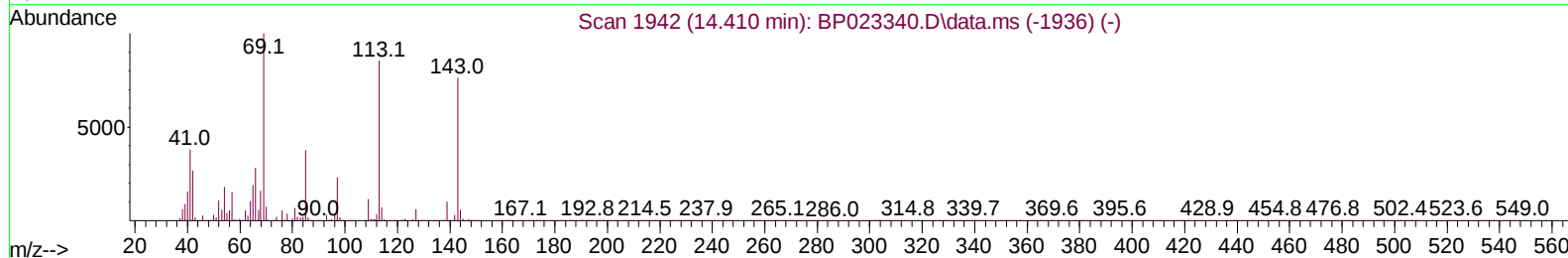
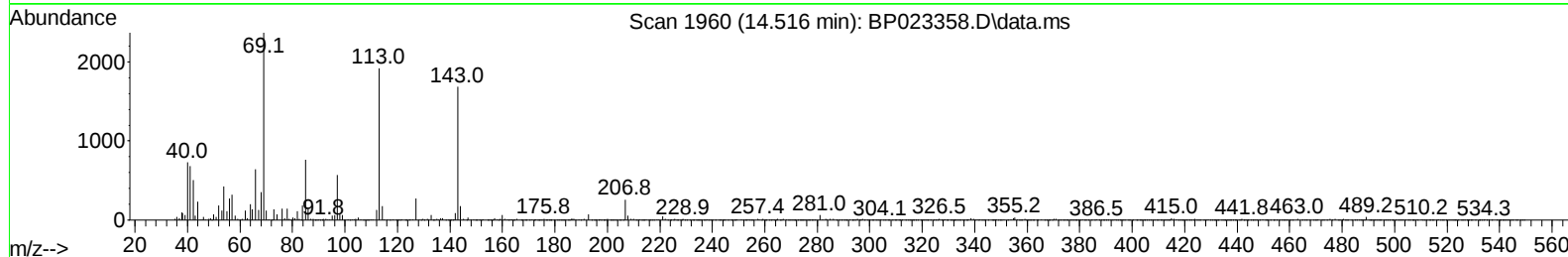
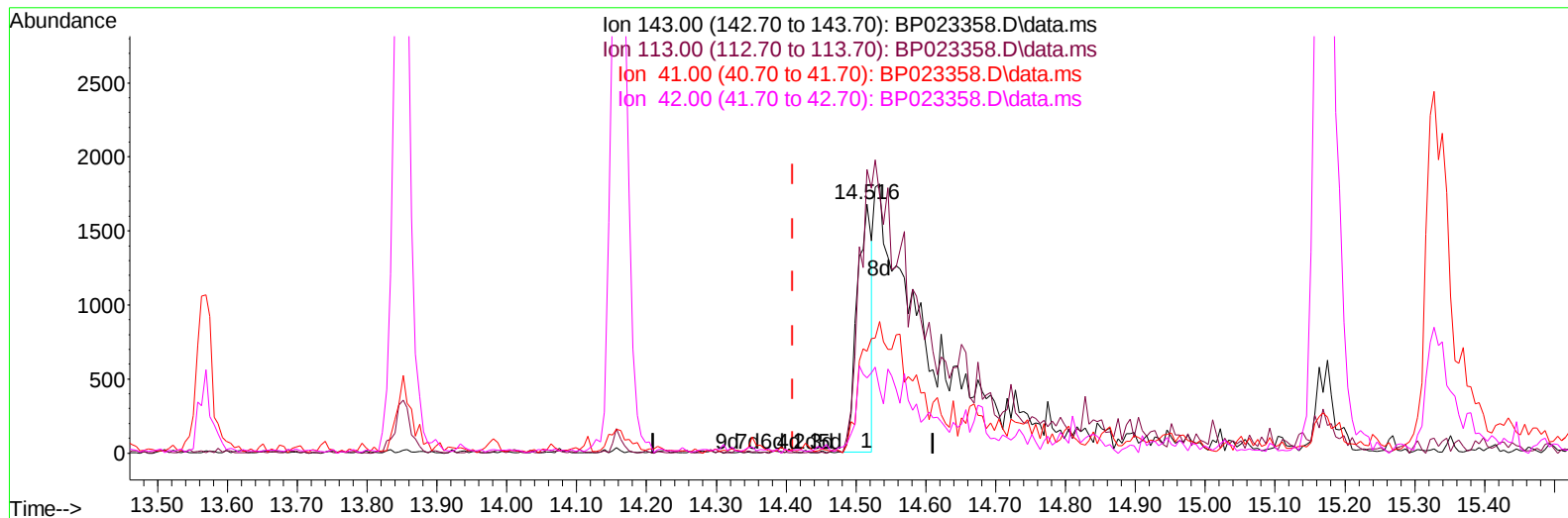
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121024\
Data File : BP023358.D
Acq On : 10 Dec 2024 23:18
Operator : RC/JU
Sample : P5109-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHJB3

Manual IntegrationsAPPROVED

Quant Time: Dec 11 03:55:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/13/2024



TIC: BP023358.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.516min (+ 0.106) 1.45 ng/u1

response 2465

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	106.10	113.91
41.00	45.60	40.78
42.00	31.70	30.26

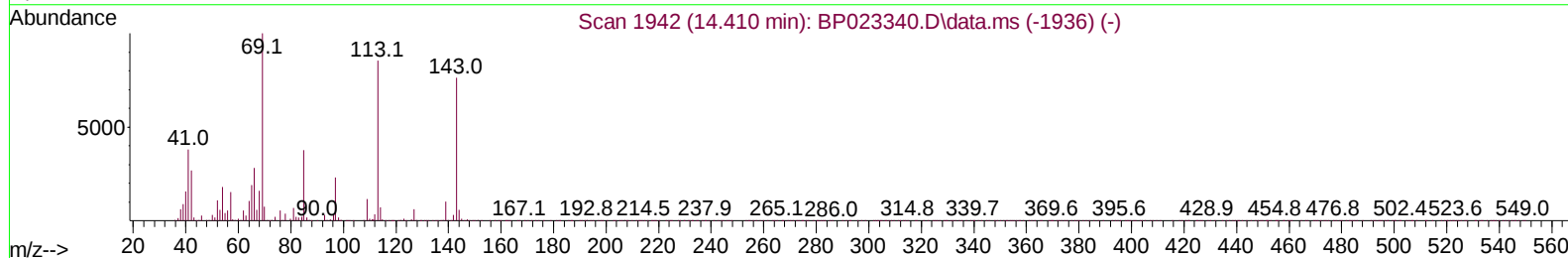
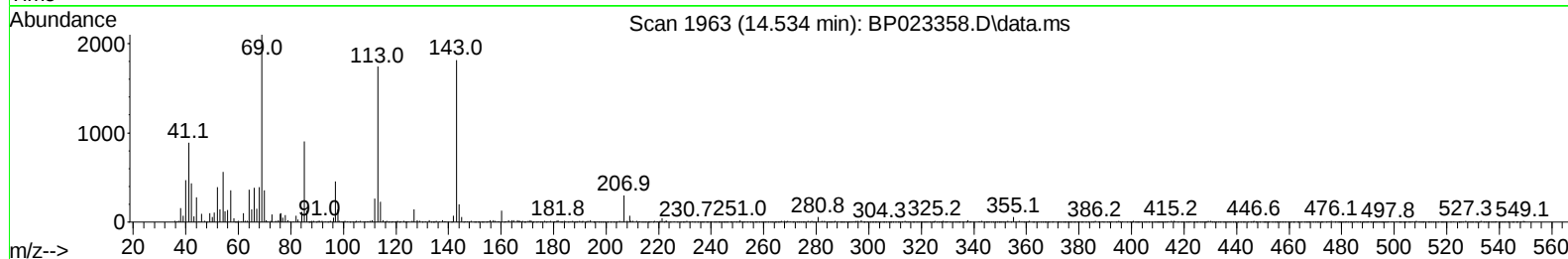
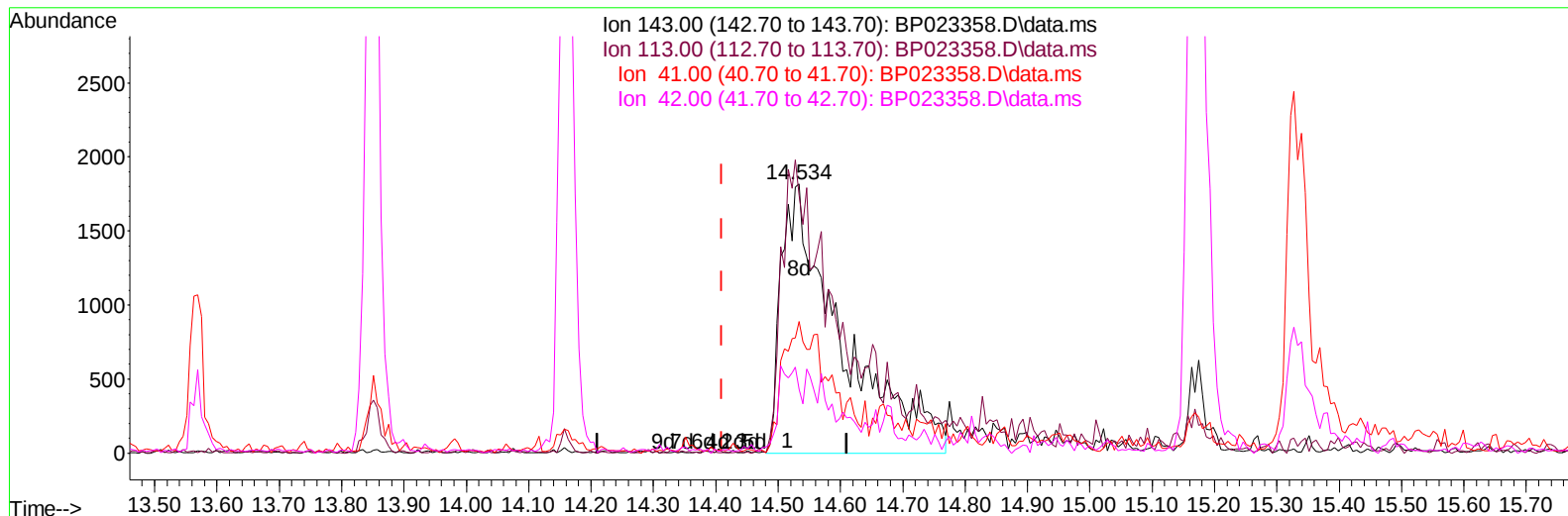
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121024\
Data File : BP023358.D
Acq On : 10 Dec 2024 23:18
Operator : RC/JU
Sample : P5109-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHJB3

Manual IntegrationsAPPROVED

Quant Time: Dec 11 03:55:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/13/2024



TIC: BP023358.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.534min (+ 0.123) 7.13 ng/ul m

response 12082

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	106.10	95.93
41.00	45.60	49.01
42.00	31.70	23.79#

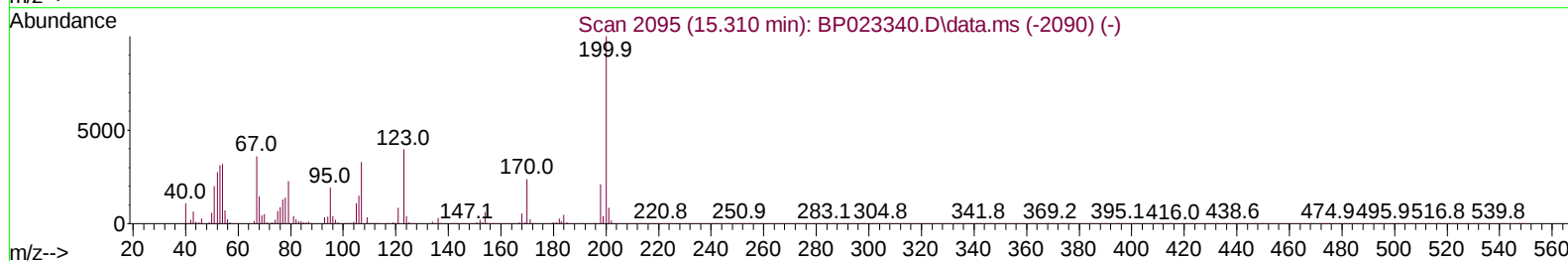
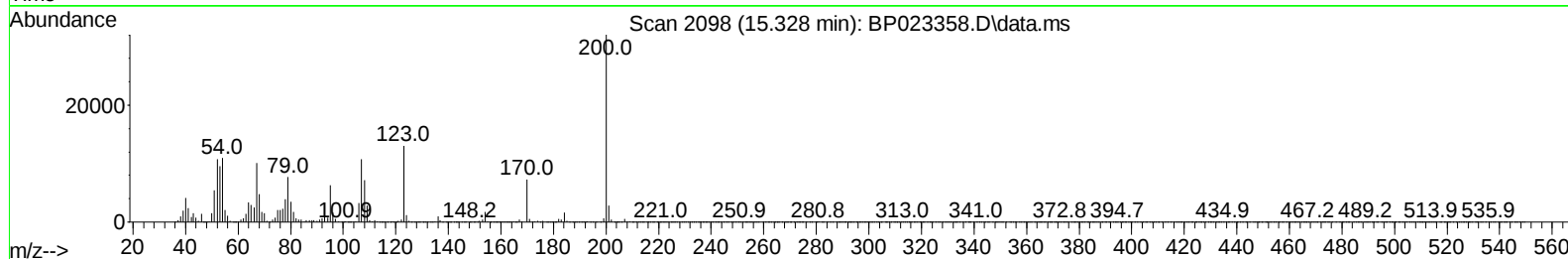
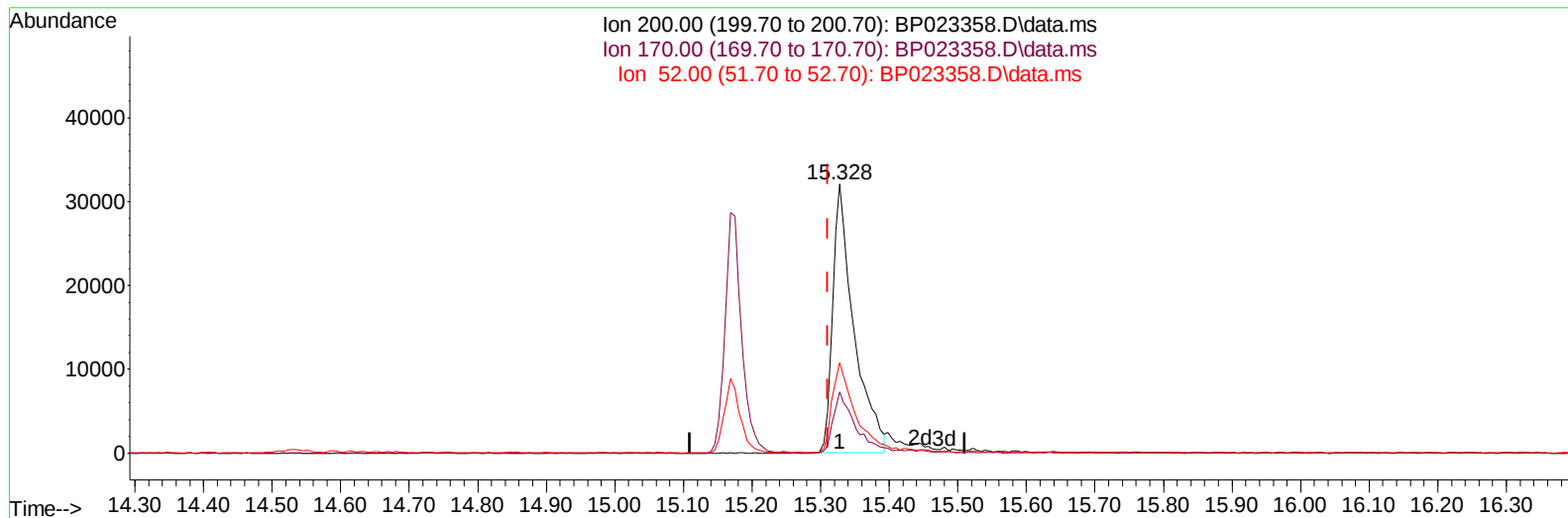
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121024\
Data File : BP023358.D
Acq On : 10 Dec 2024 23:18
Operator : RC/JU
Sample : P5109-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHJB3

Manual IntegrationsAPPROVED

Quant Time: Dec 11 03:55:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/13/2024



TIC: BP023358.D\data.ms

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

15.328min (+ 0.018) 26.73 ng/u1

response 68636

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	23.30	22.68
52.00	37.90	33.71
0.00	0.00	0.00

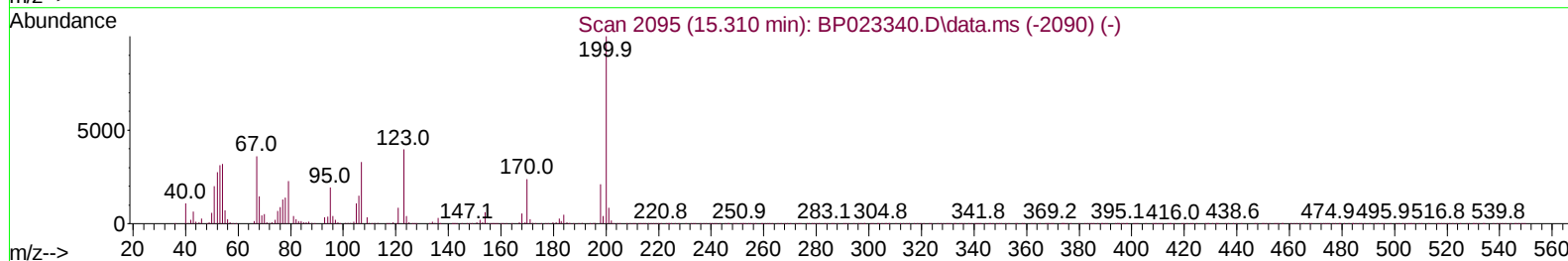
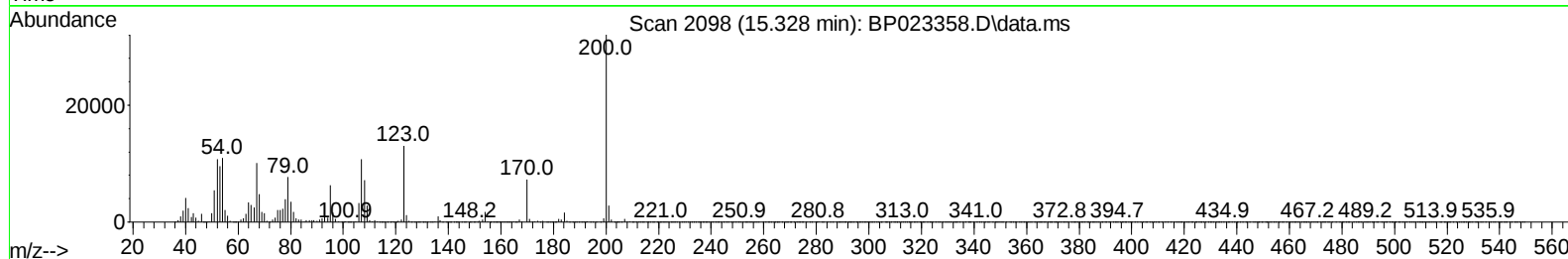
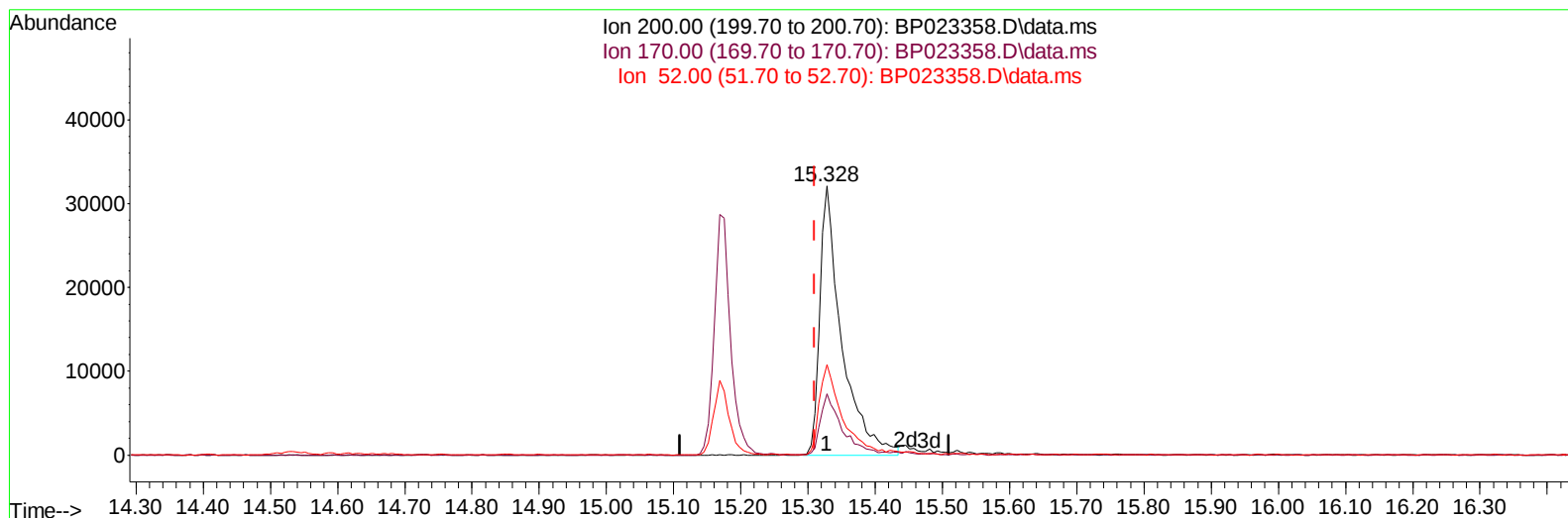
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121024\
Data File : BP023358.D
Acq On : 10 Dec 2024 23:18
Operator : RC/JU
Sample : P5109-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHJB3

Manual IntegrationsAPPROVED

Quant Time: Dec 11 03:55:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/13/2024



TIC: BP023358.D\data.ms

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

15.328min (+ 0.018) 28.14 ng/ul m

response 72236

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	23.30	22.68
52.00	37.90	33.71
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121024\
 Data File : BP023358.D
 Acq On : 10 Dec 2024 23:18
 Operator : RC/JU
 Sample : P5109-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BHJB3

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/12/2024
 Supervised By :mohammad ahmed 12/13/2024

Quant Time: Dec 11 04:01:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 00:30:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.546	152	70584	20.000	ng/ul	0.00
20) Naphthalene-d8	10.287	136	249348	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.163	164	178164	20.000	ng/ul	0.02
64) Phenanthrene-d10	16.957	188	424806	20.000	ng/ul	0.00
79) Chrysene-d12	21.386	240	496892	20.000	ng/ul	0.00
88) Perylene-d12	24.557	264	616657	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	7551m	3.939	ng/uL	0.00
4) Pyridine-d5	3.552	84	15705m	3.186	ng/ul	0.04
7) Phenol-d5	6.764	99	40109	7.242	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	6.893	67	116551	33.356	ng/ul	0.00
11) 2-Chlorophenol-d4	7.093	132	109295	26.739	ng/ul	0.00
15) 4-Methylphenol-d8	8.263	113	76599	17.137	ng/ul	0.00
21) Nitrobenzene-d5	8.687	128	59347m	31.873	ng/ul	0.00
24) 2-Nitrophenol-d4	9.399	143	68832m	32.075	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.946	165	124790	27.553	ng/ul	0.01
31) 4-Chloroaniline-d4	10.457	131	84548m	16.664	ng/ul	0.02
46) Dimethylphthalate-d6	13.569	166	456162	32.981	ng/ul	0.01
49) Acenaphthylene-d8	13.851	160	444155	30.445	ng/ul	0.02
54) 4-Nitrophenol-d4	14.534	143	12082m	7.129	ng/ul	0.12
60) Fluorene-d10	15.169	176	384136	31.576	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.328	200	72236m	28.136	ng/ul	0.02
73) Anthracene-d10	17.063	188	653851	33.725	ng/ul	0.01
81) Pyrene-d10	19.445	212	849411	32.720	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.345	264	1115560	33.794	ng/ul	0.00

Target Compounds Qvalue

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

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