

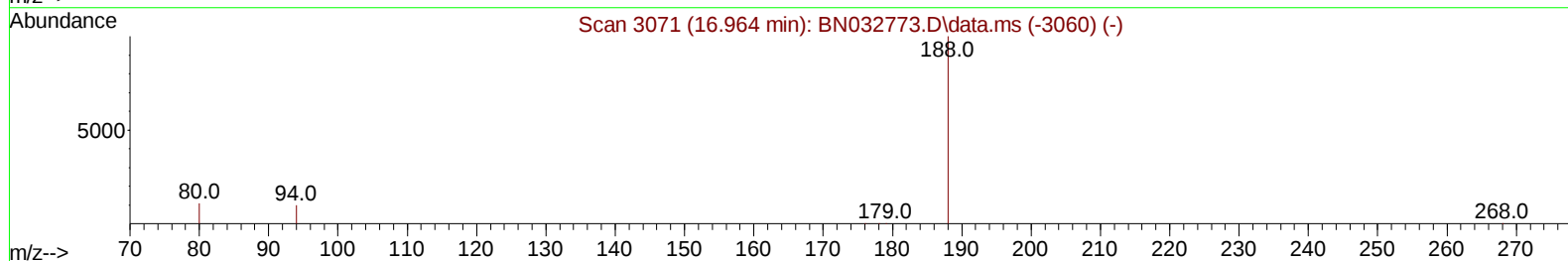
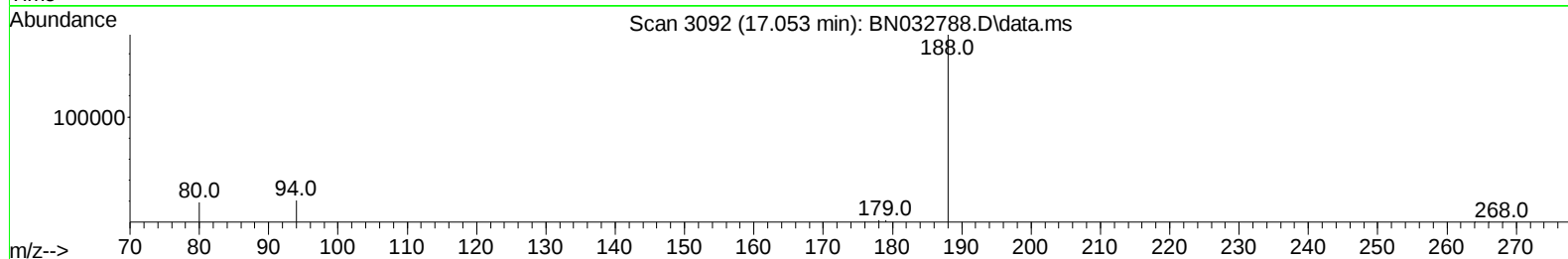
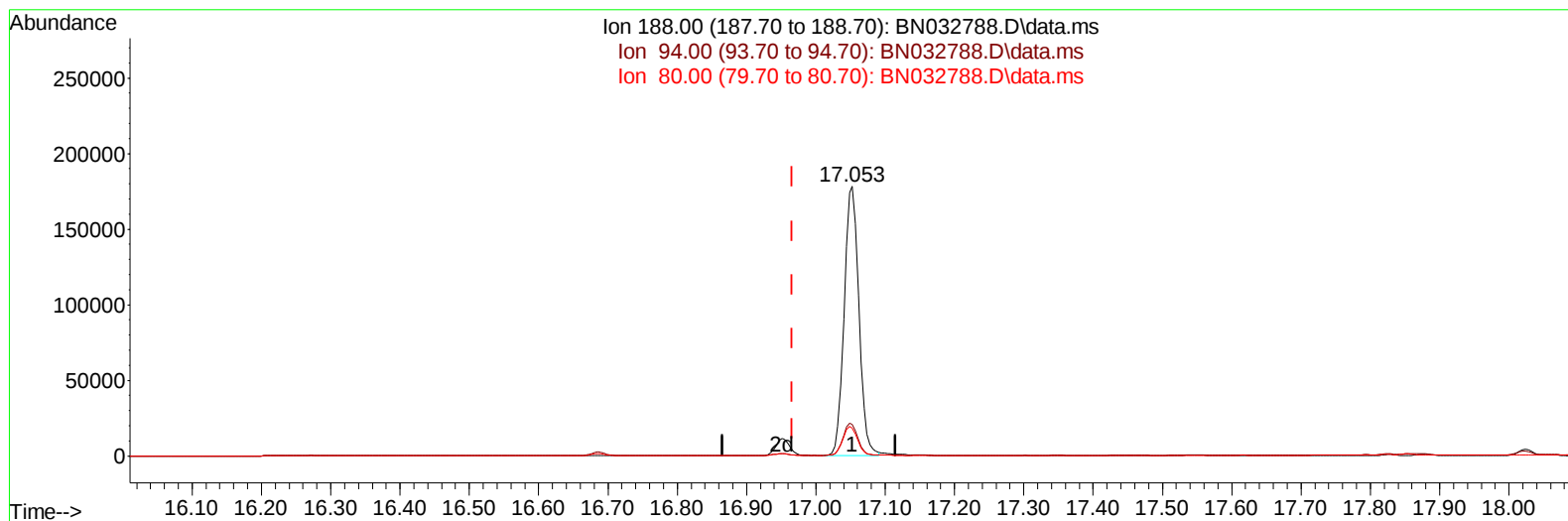
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032788.D
Acq On : 17 Jul 2024 20:15
Operator : MA/JU
Sample : P3100-24DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 17 23:32:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration



TIC: BN032788.D\data.ms

(13) Phenanthrene-d10 (I)

17.053min (+ 0.087) 0.40 ng/u1

response 263279

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	11.67
80.00	12.00	10.40
0.00	0.00	0.00

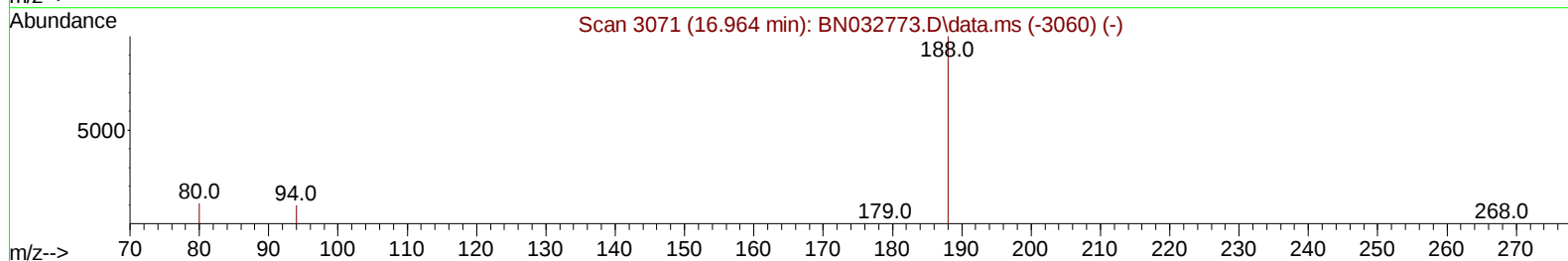
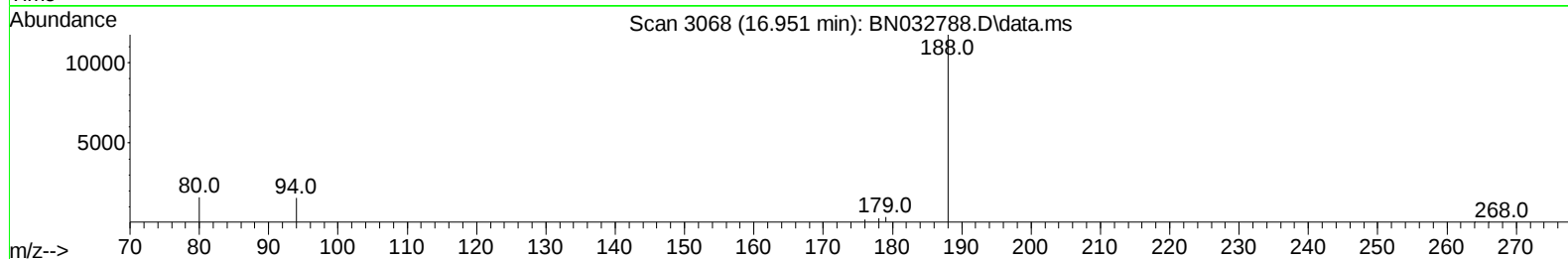
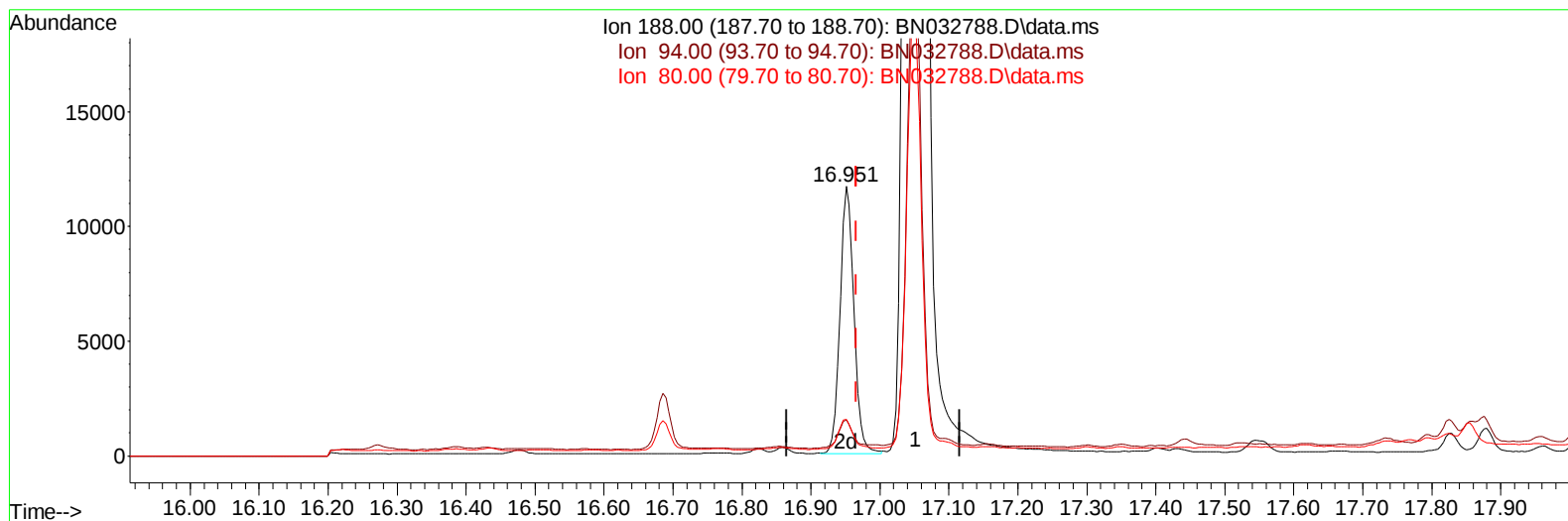
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032788.D
Acq On : 17 Jul 2024 20:15
Operator : MA/JU
Sample : P3100-24DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 23:32:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032788.D\data.ms

(13) Phenanthrene-d10 (I)

16.951min (-0.014) 0.40 ng/ul m

response 16319

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	13.35#
80.00	12.00	13.68
0.00	0.00	0.00

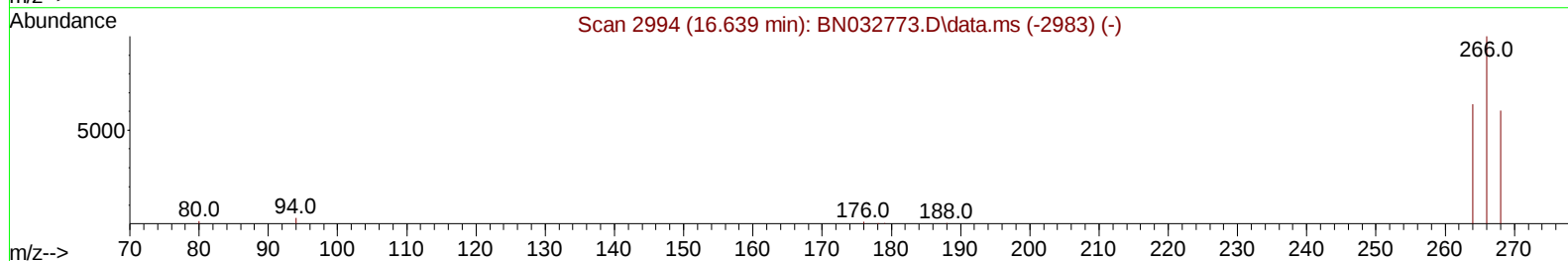
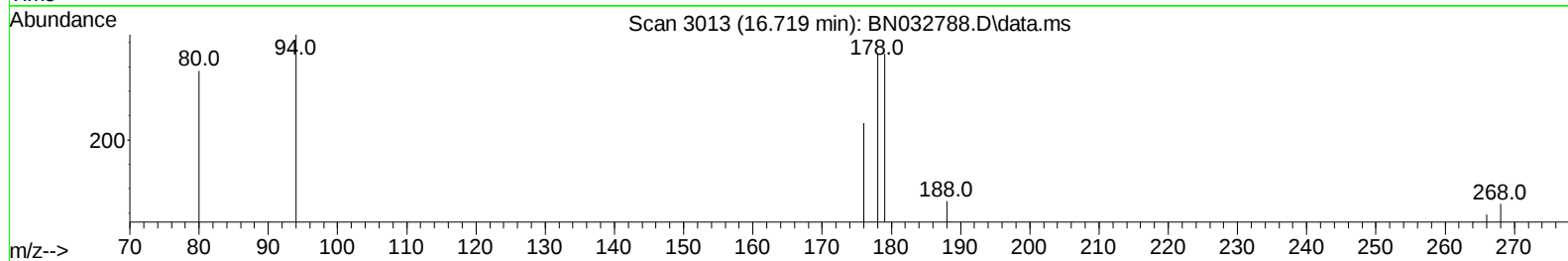
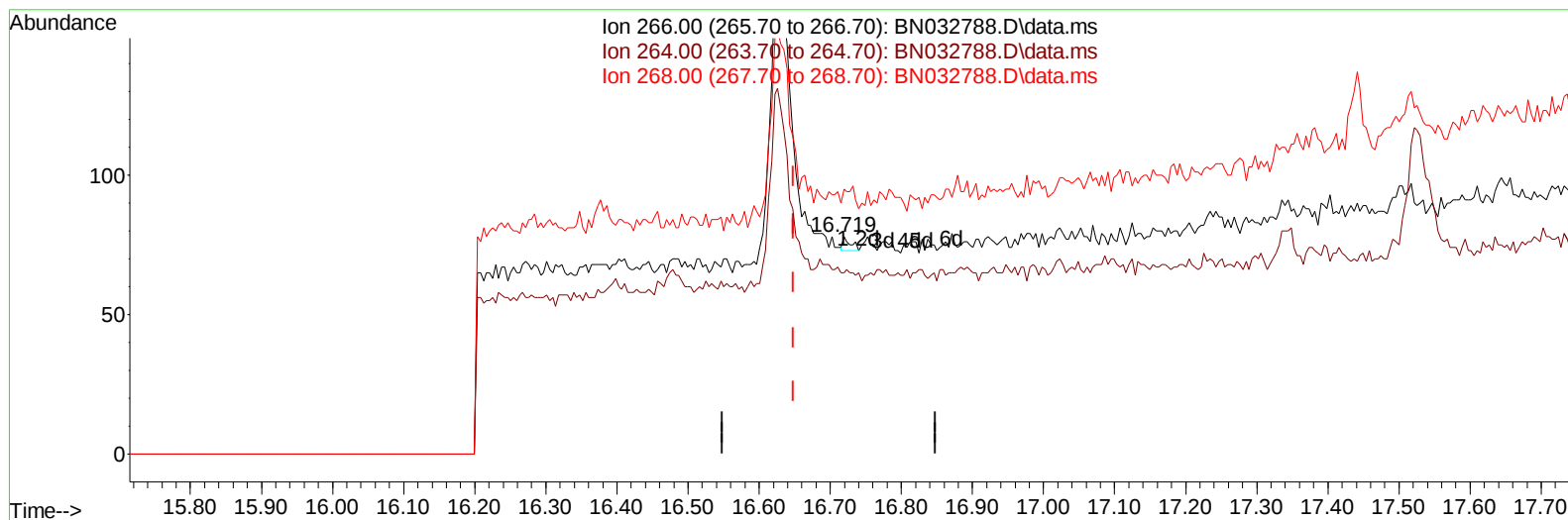
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032788.D
Acq On : 17 Jul 2024 20:15
Operator : MA/JU
Sample : P3100-24DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 23:32:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032788.D\data.ms

(14) Pentachloropheno1

16.719min (+ 0.070) 0.00 ng/u1

response 4

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	61.80	0.00#
268.00	64.50	200.00#
0.00	0.00	0.00

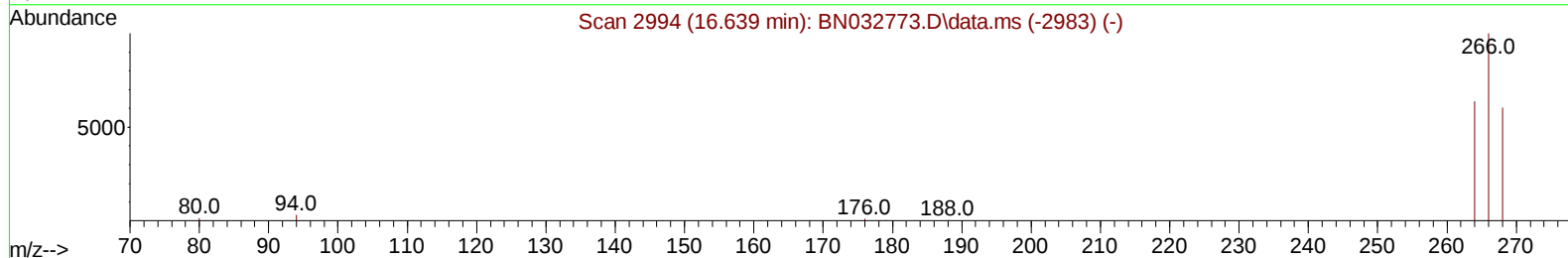
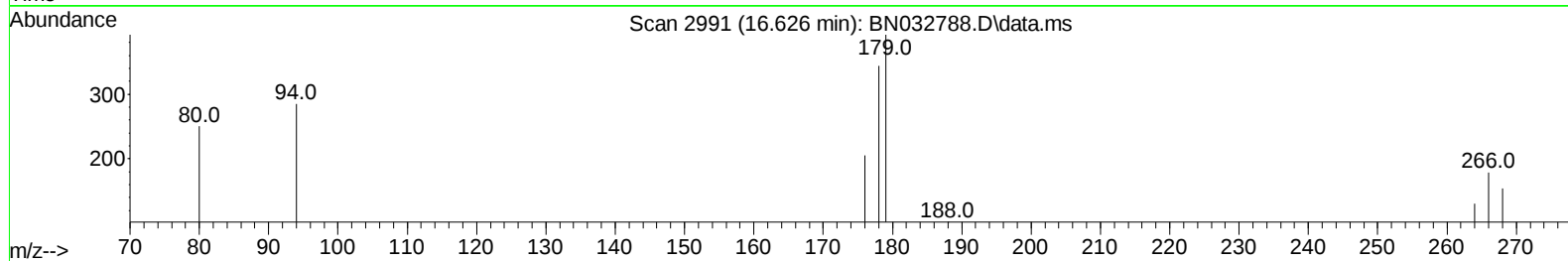
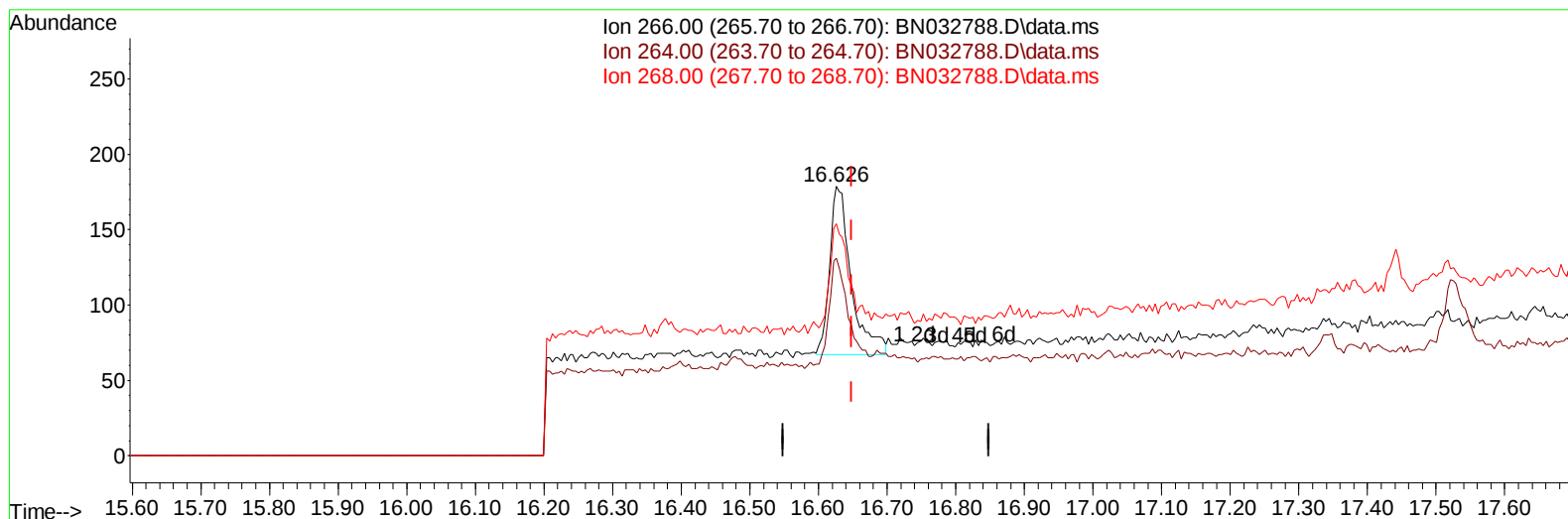
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032788.D
 Acq On : 17 Jul 2024 20:15
 Operator : MA/JU
 Sample : P3100-24DL 5X
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D52DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 23:32:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 17 02:35:25 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024



TIC: BN032788.D\data.ms

(14) Pentachlorophenol

16.626min (-0.023) 0.09 ng/ul m

response 245

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	61.80	0.00#
268.00	64.50	3.27#
0.00	0.00	0.00

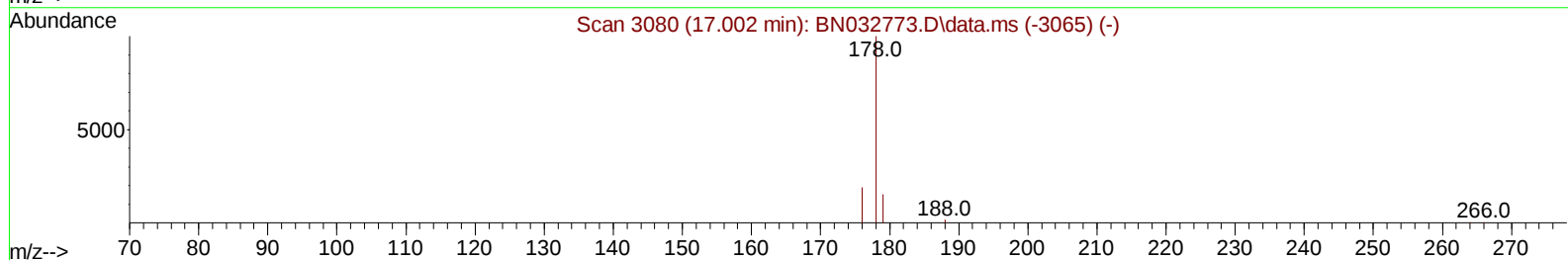
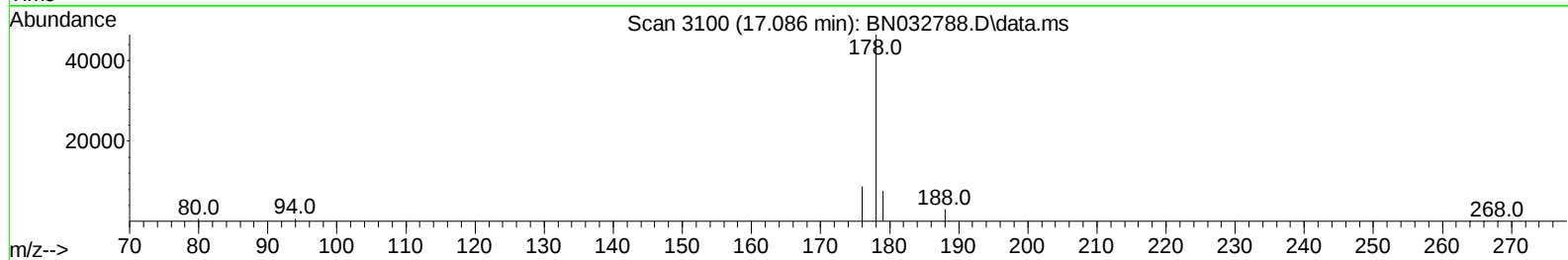
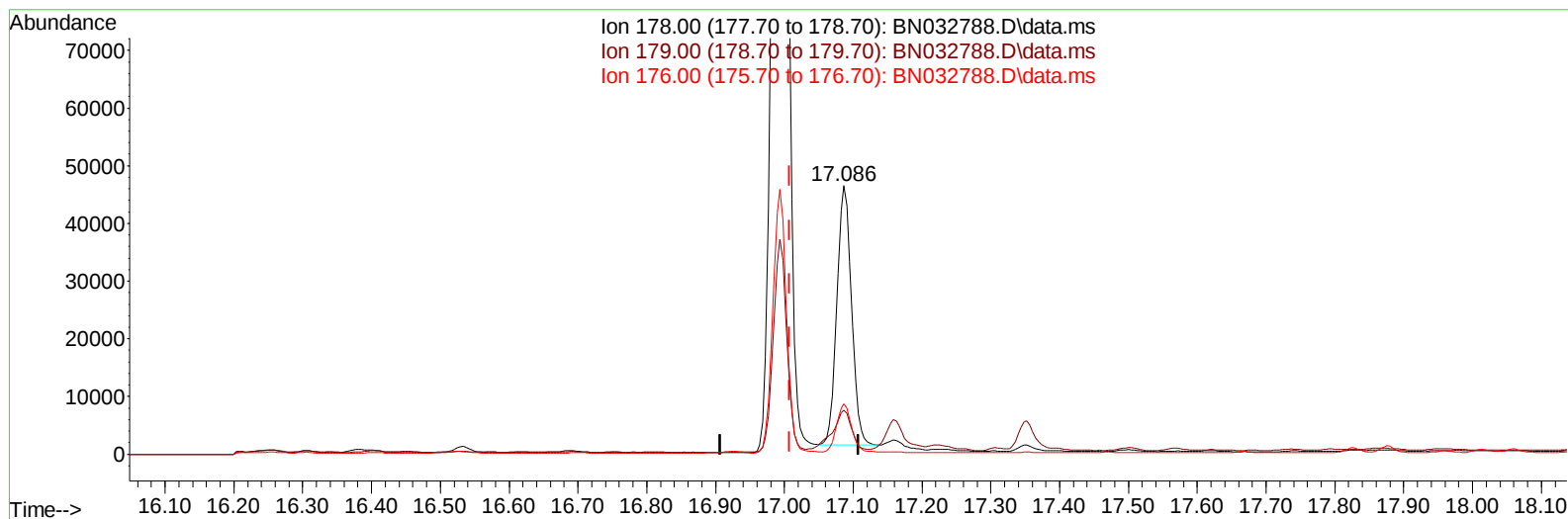
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032788.D
Acq On : 17 Jul 2024 20:15
Operator : MA/JU
Sample : P3100-24DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 23:32:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032788.D\data.ms

(15) Phenanthrene

17.086min (+ 0.079) 1.49 ng/u1

response 66438

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	16.50
176.00	19.50	18.70
0.00	0.00	0.00

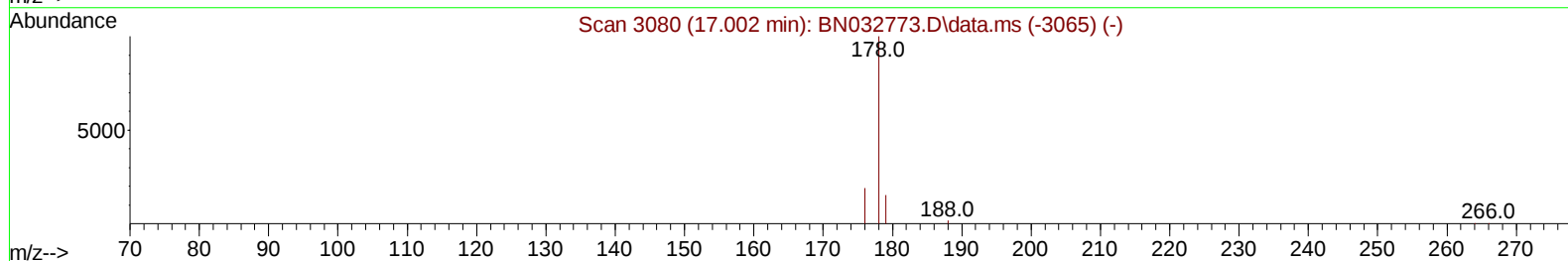
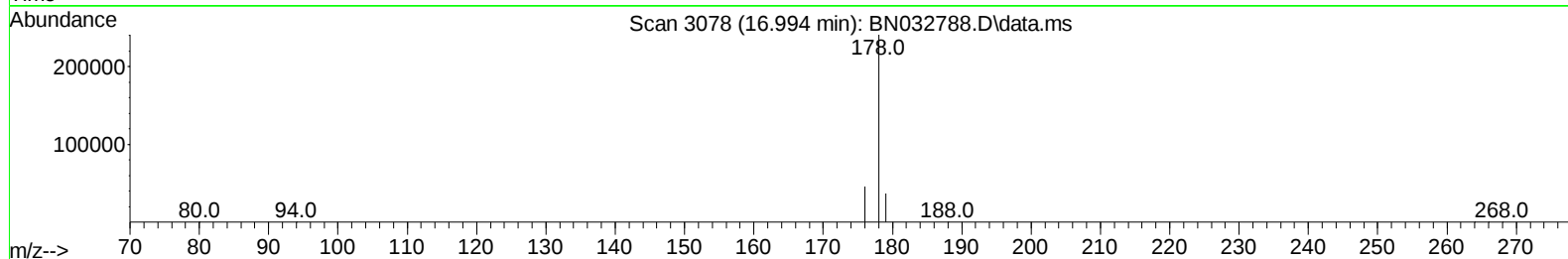
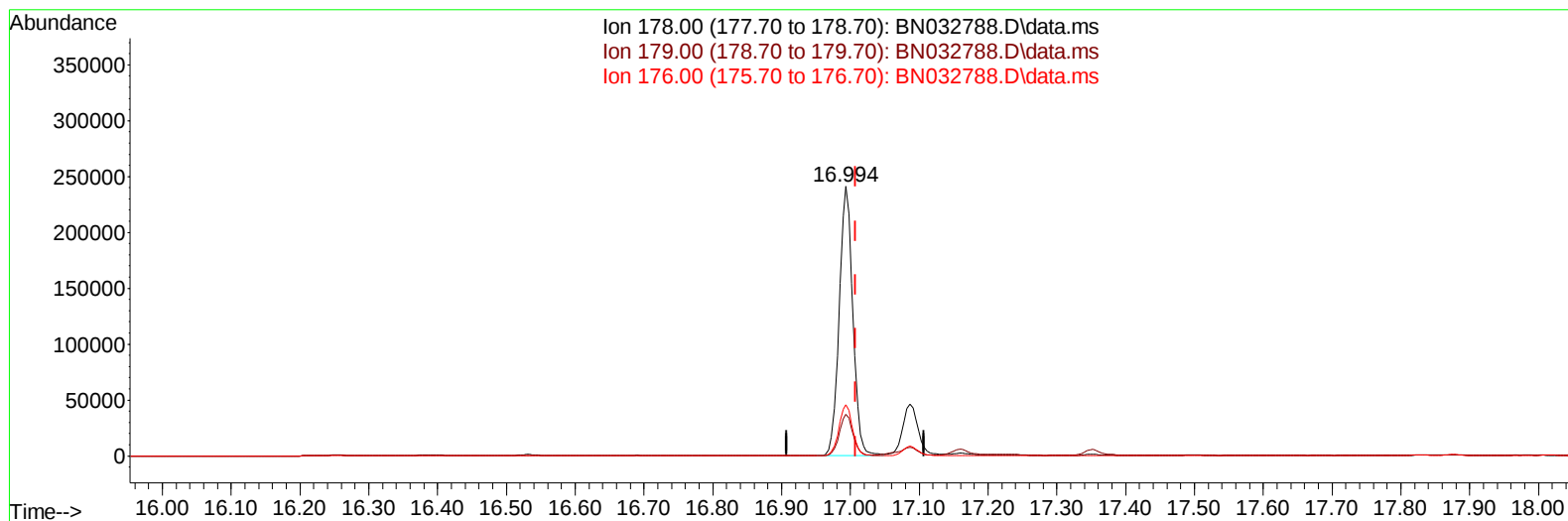
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032788.D
Acq On : 17 Jul 2024 20:15
Operator : MA/JU
Sample : P3100-24DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 23:32:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032788.D\data.ms

(15) Phenanthrene

16.994min (-0.014) 7.48 ng/u1 m

response 332427

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.44
176.00	19.50	19.05
0.00	0.00	0.00

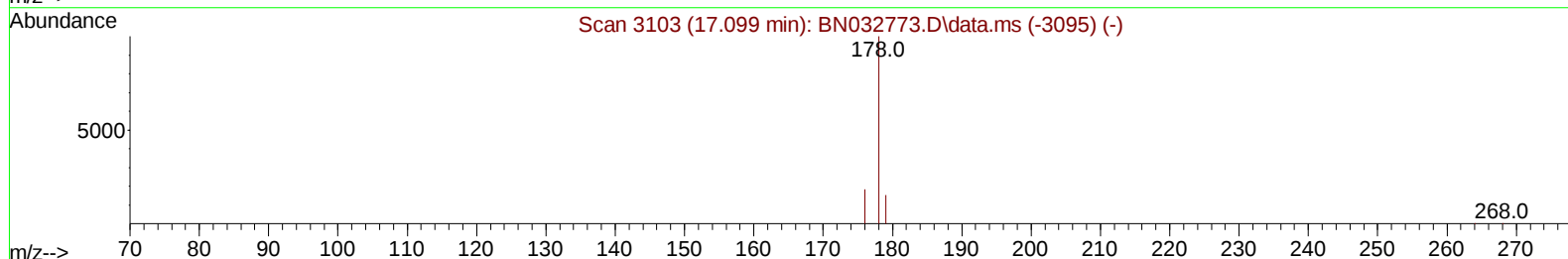
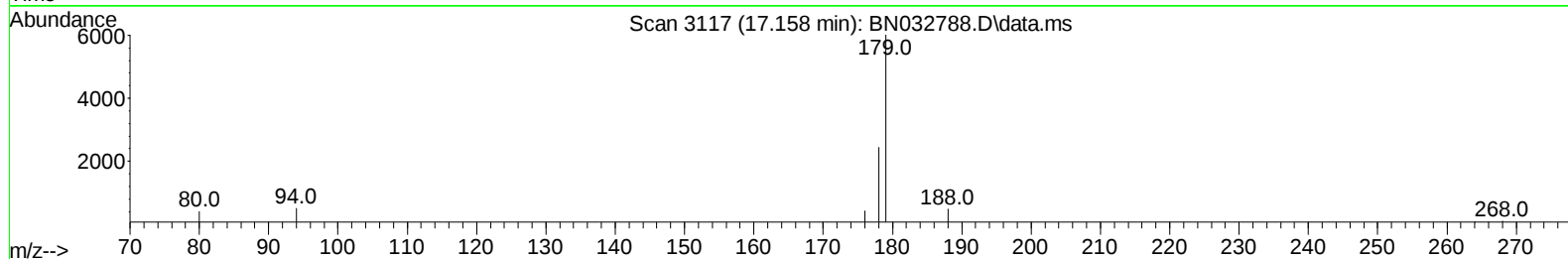
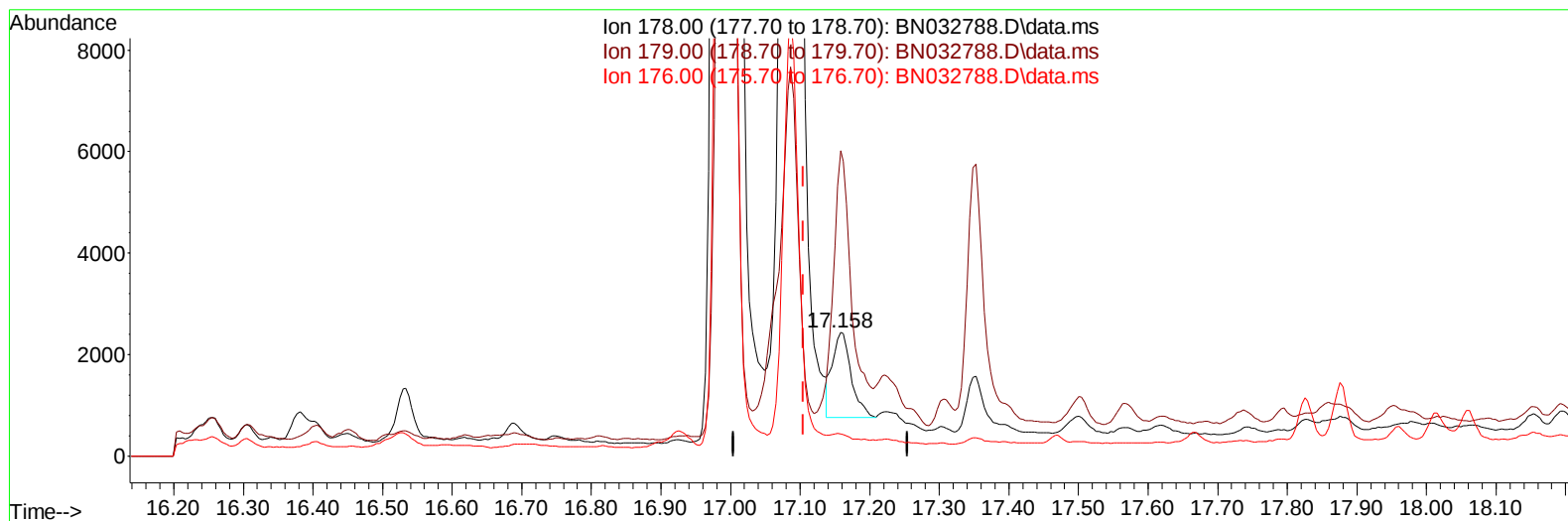
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032788.D
Acq On : 17 Jul 2024 20:15
Operator : MA/JU
Sample : P3100-24DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 23:32:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
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Supervised By :mohammad ahmed 07/19/2024



TIC: BN032788.D\data.ms

(16) Anthracene

17.158min (+ 0.053) 0.09 ng/u1

response 3200

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	246.50#
176.00	19.20	17.78
0.00	0.00	0.00

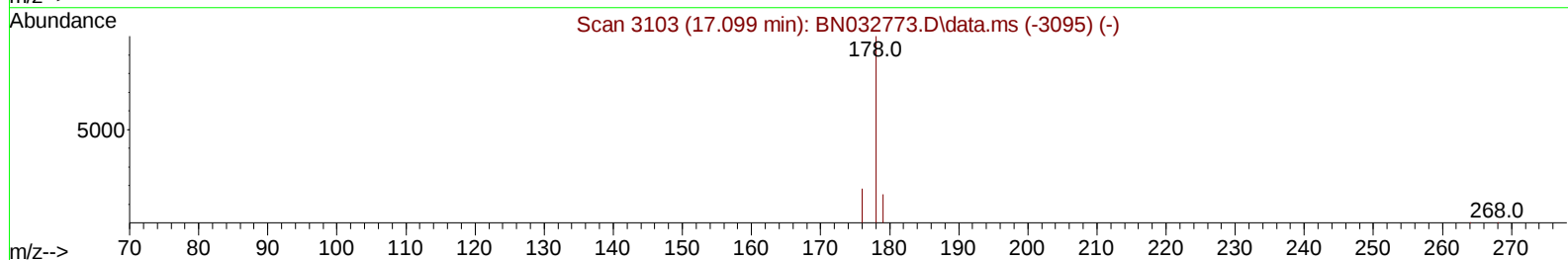
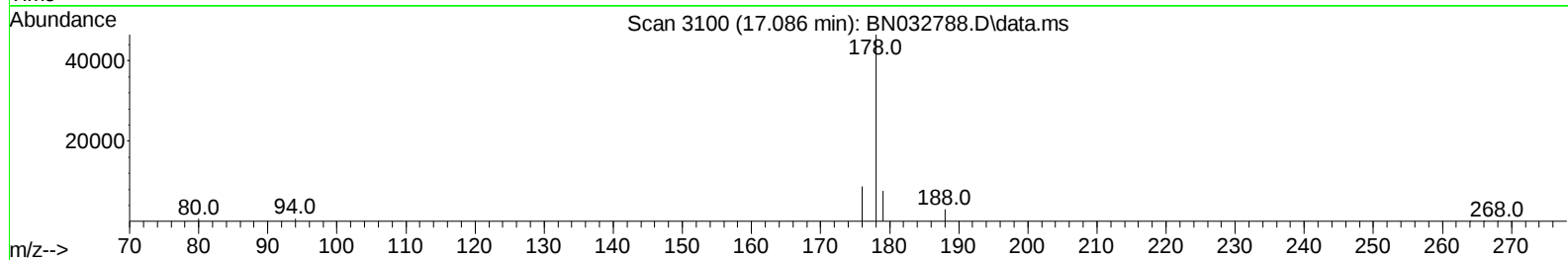
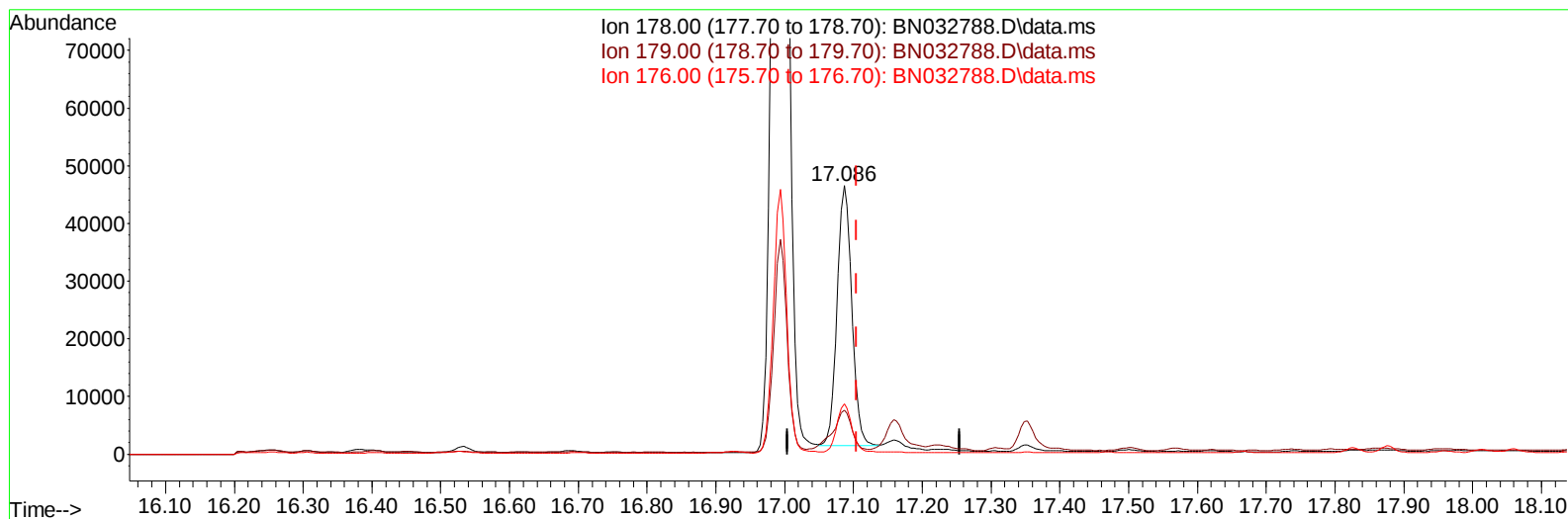
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032788.D
Acq On : 17 Jul 2024 20:15
Operator : MA/JU
Sample : P3100-24DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 23:32:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032788.D\data.ms

(16) Anthracene

17.086min (-0.018) 1.84 ng/ul m

response 66943

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	16.50
176.00	19.20	18.70
0.00	0.00	0.00

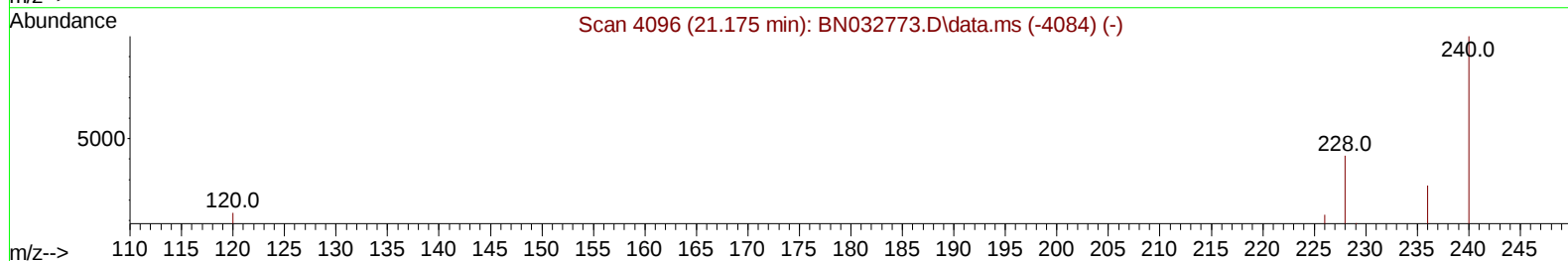
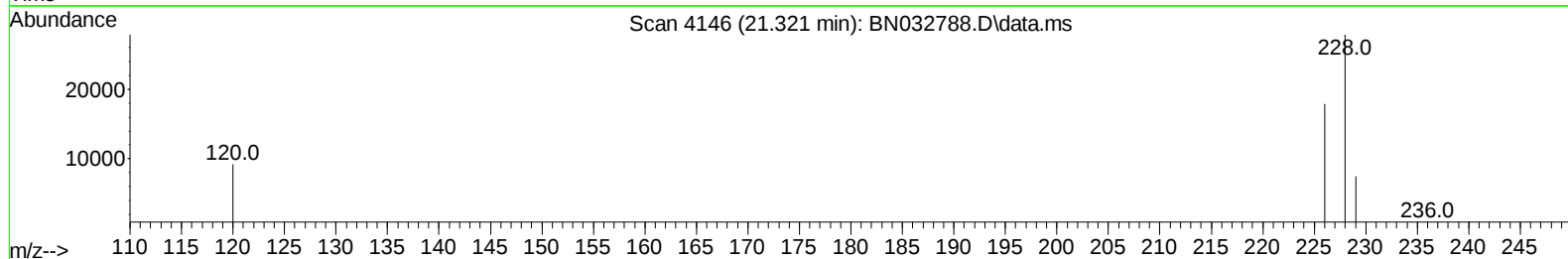
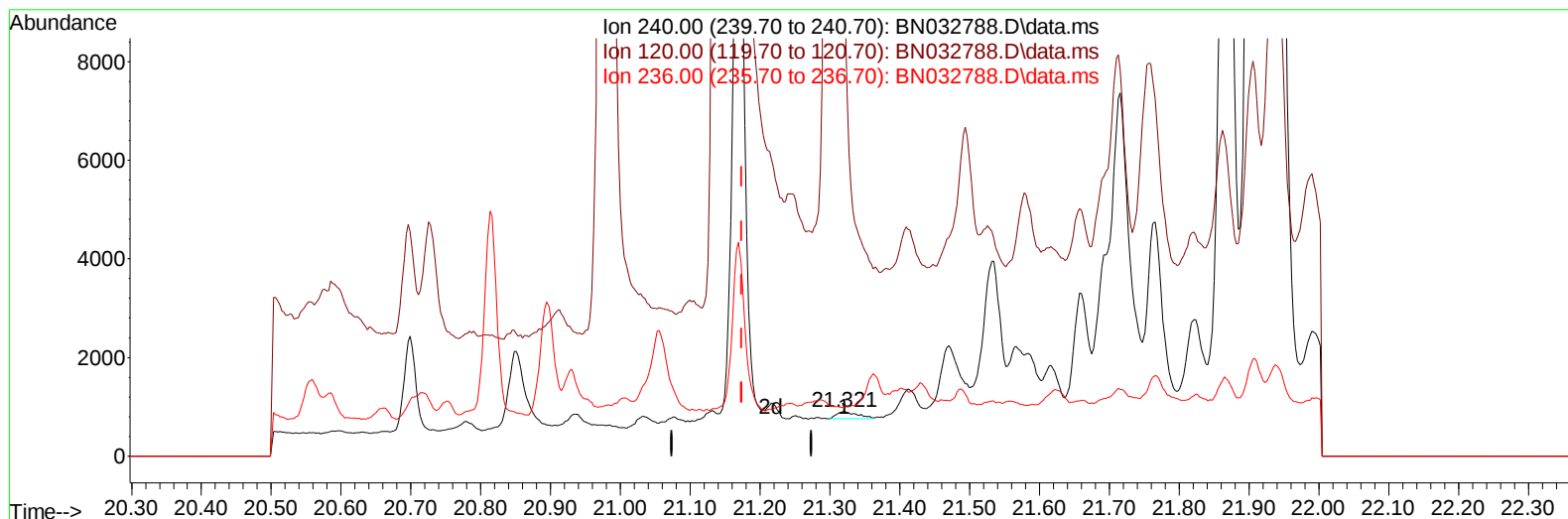
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032788.D
Acq On : 17 Jul 2024 20:15
Operator : MA/JU
Sample : P3100-24DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 23:32:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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Supervised By :mohammad ahmed 07/19/2024



TIC: BN032788.D\data.ms

(17) Chrysene-d12

21.321min (+ 0.147) 0.40 ng/u1

response 311

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	1015.56#
236.00	28.40	109.05#
0.00	0.00	0.00

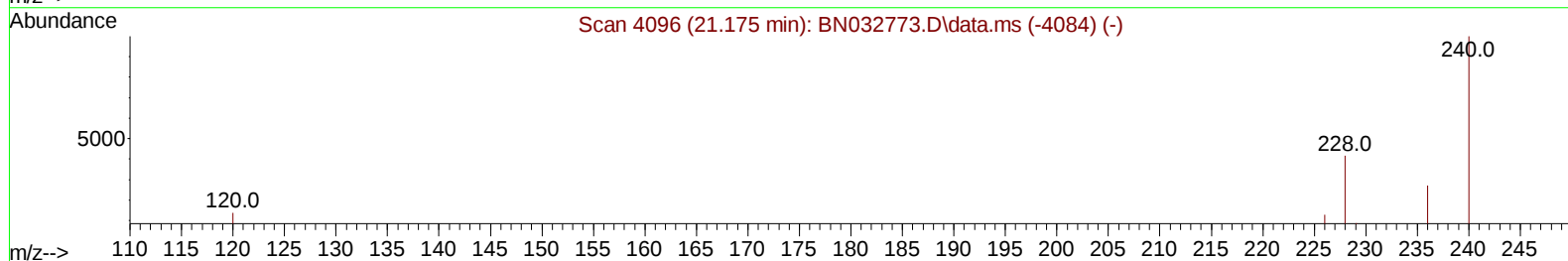
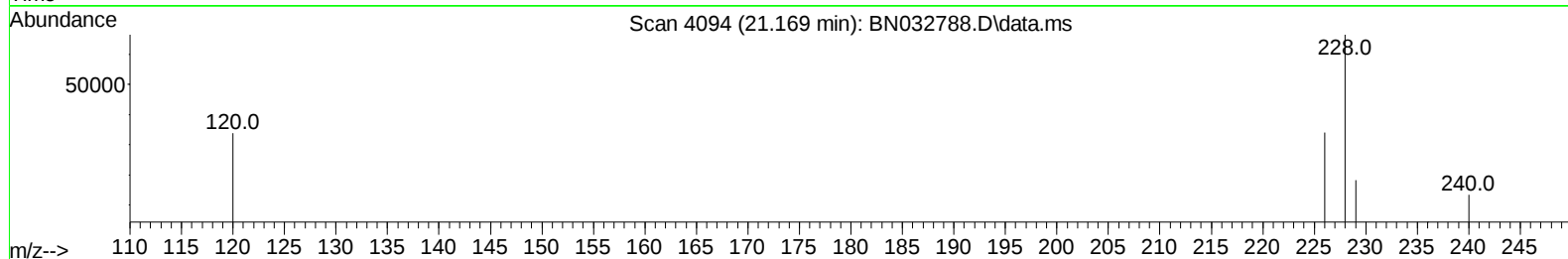
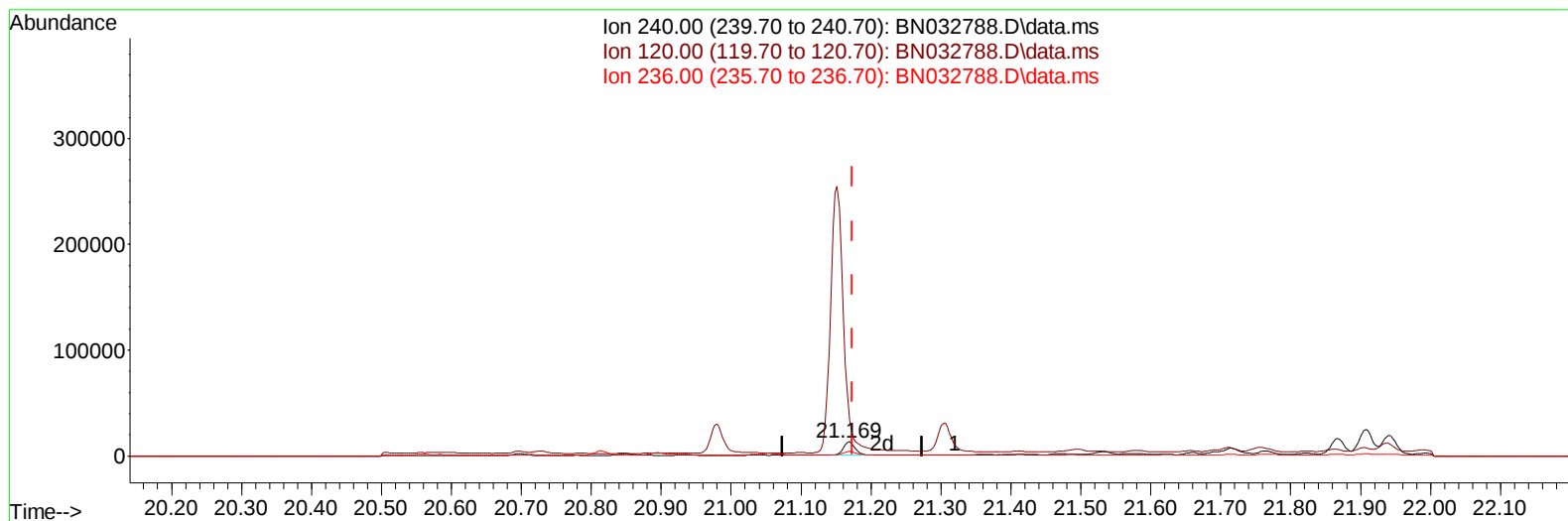
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032788.D
Acq On : 17 Jul 2024 20:15
Operator : MA/JU
Sample : P3100-24DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 23:32:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032788.D\data.ms

(17) Chrysene-d12

21.169min (-0.004) 0.40 ng/u1 m

response 14516

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	253.34#
236.00	28.40	32.57
0.00	0.00	0.00

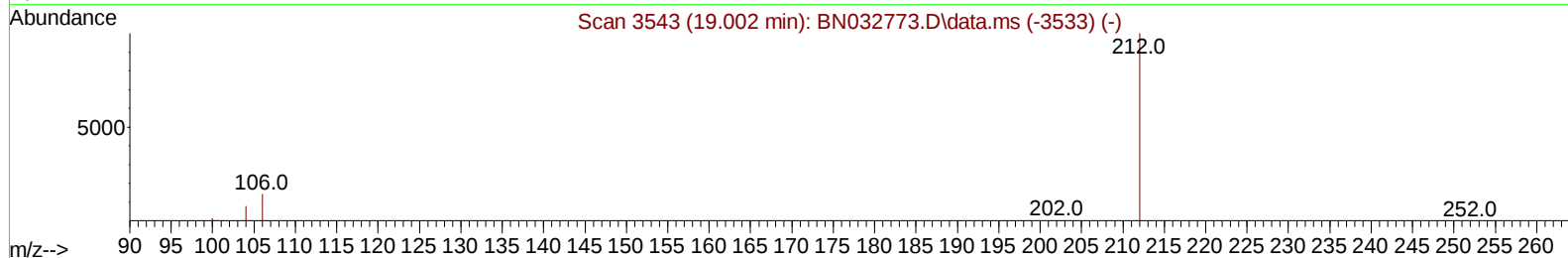
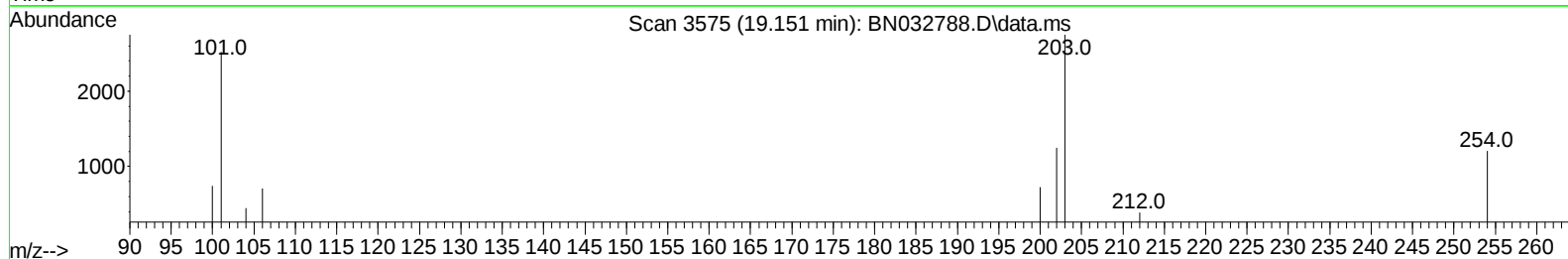
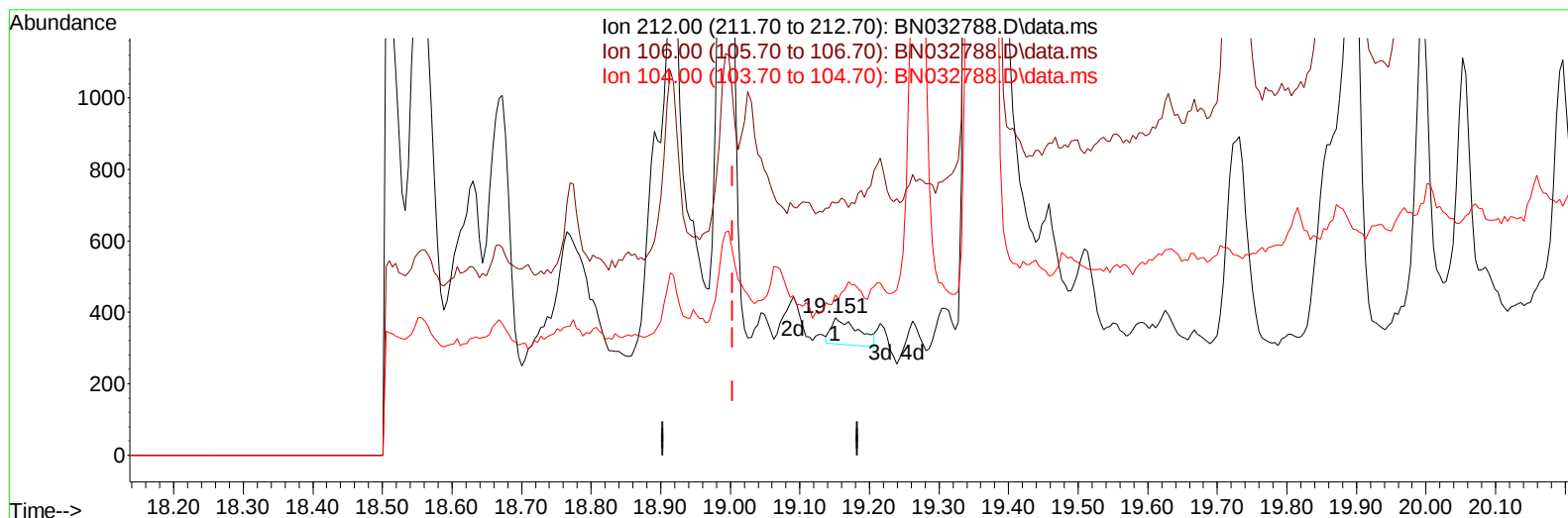
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032788.D
Acq On : 17 Jul 2024 20:15
Operator : MA/JU
Sample : P3100-24DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 23:32:52 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
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TIC: BN032788.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.151min (+ 0.147) 0.00 ng/u1

response 201

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	32.84#
104.00	9.00	104.98#
0.00	0.00	0.00

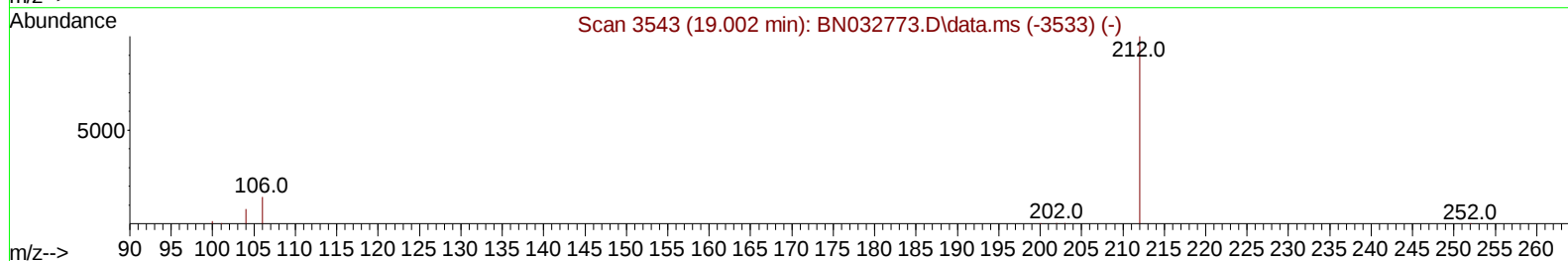
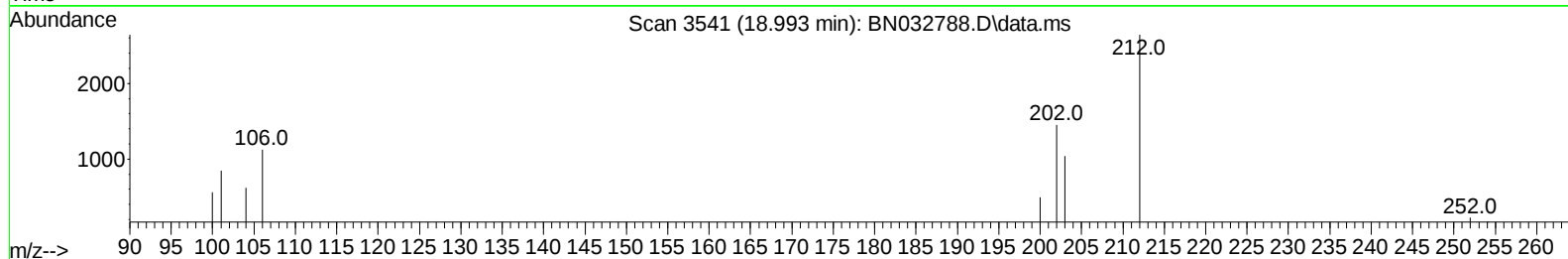
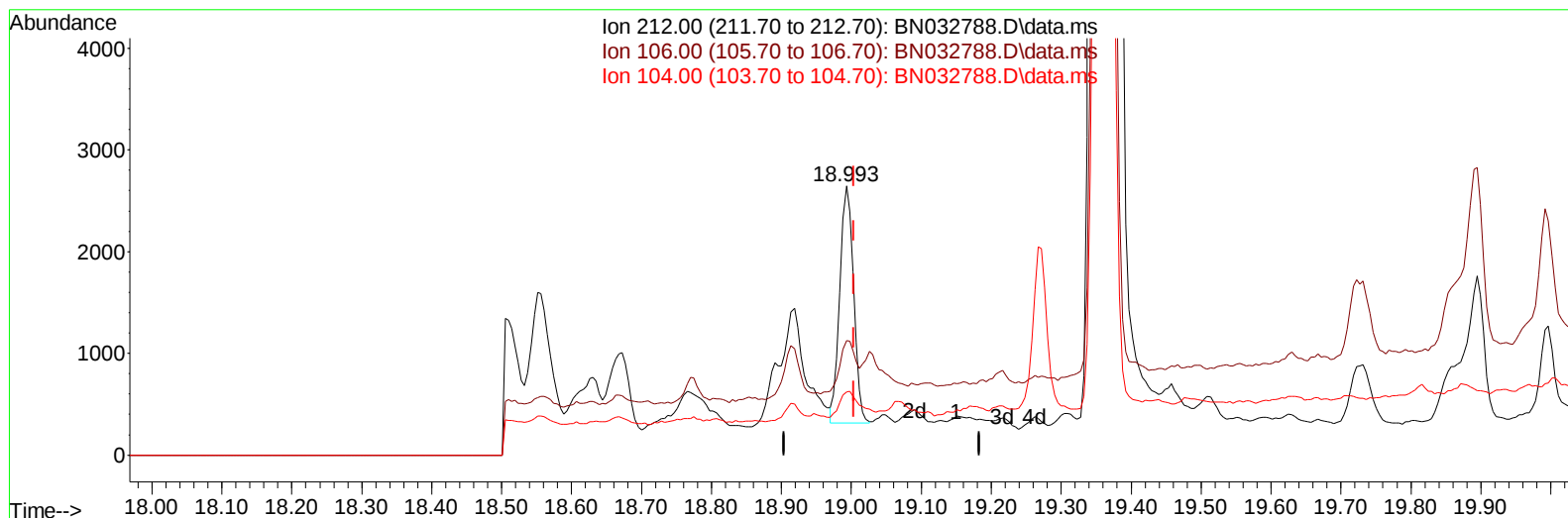
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032788.D
Acq On : 17 Jul 2024 20:15
Operator : MA/JU
Sample : P3100-24DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 23:32:52 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
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TIC: BN032788.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.993min (-0.011) 0.07 ng/ul m

response 3169

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	2.08#
104.00	9.00	6.66#
0.00	0.00	0.00

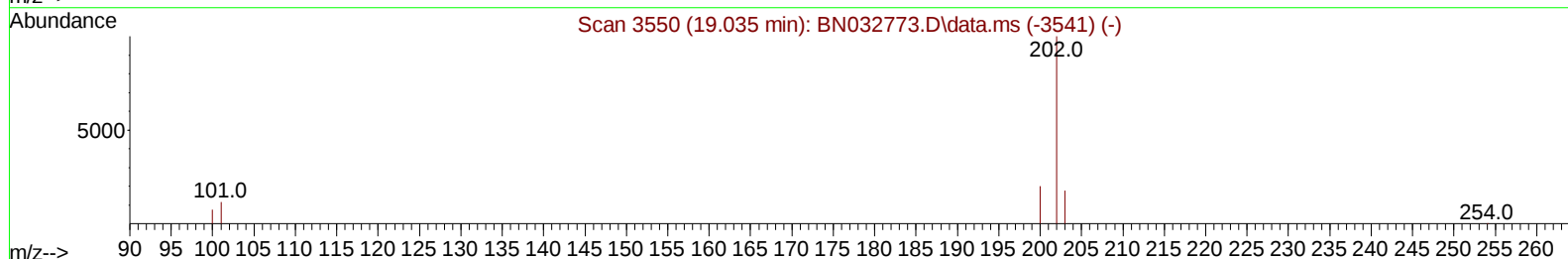
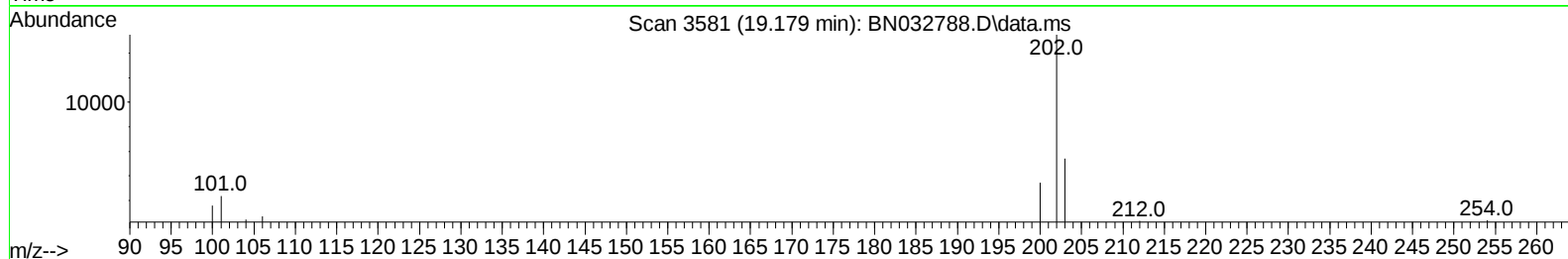
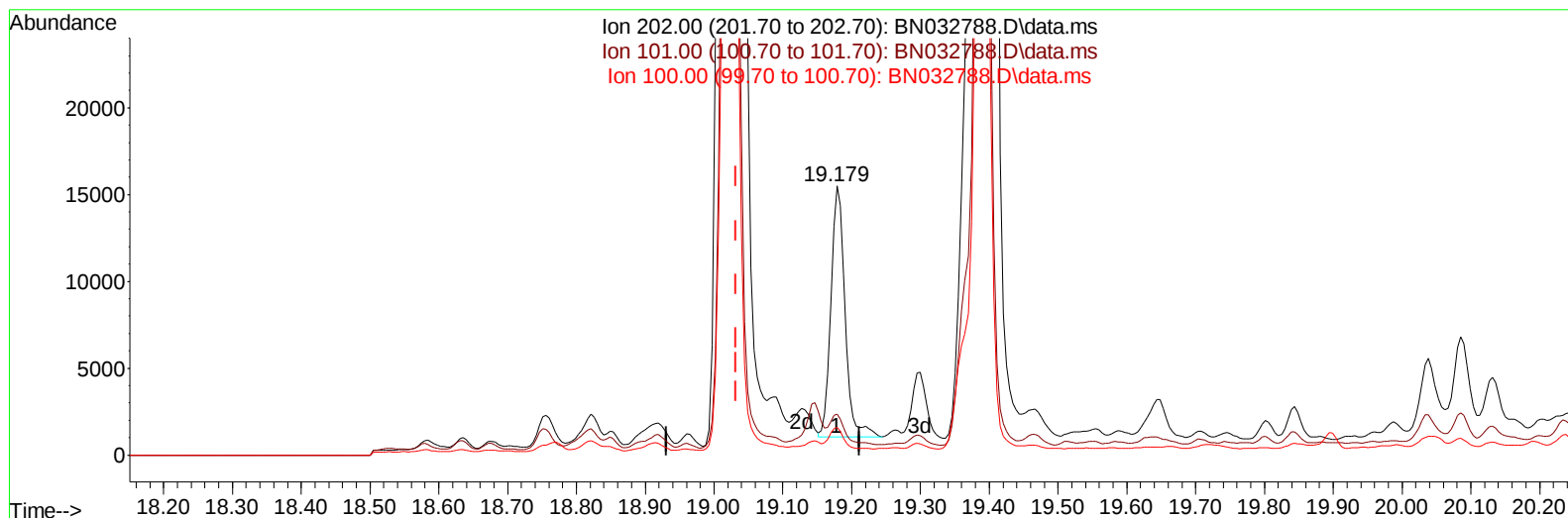
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032788.D
Acq On : 17 Jul 2024 20:15
Operator : MA/JU
Sample : P3100-24DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 23:32:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032788.D\data.ms

(19) Fluoranthene (C)

19.179min (+ 0.147) 0.35 ng/u1

response 20739

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	15.30#
100.00	9.90	10.38
0.00	0.00	0.00

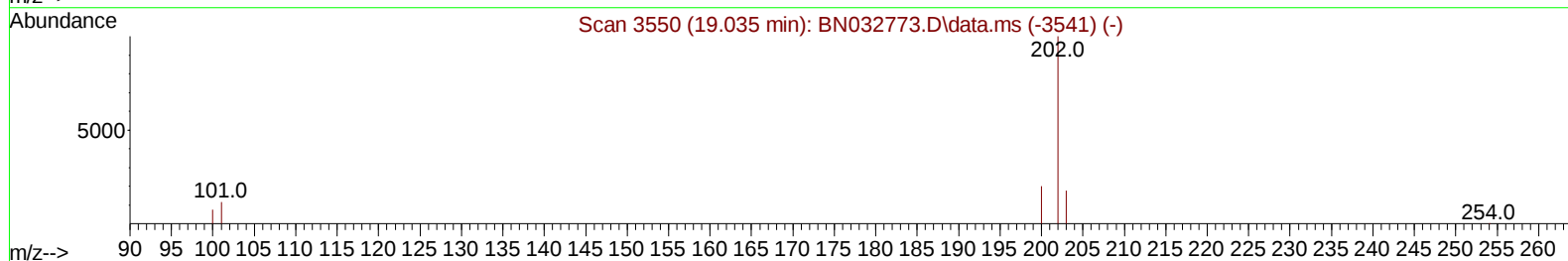
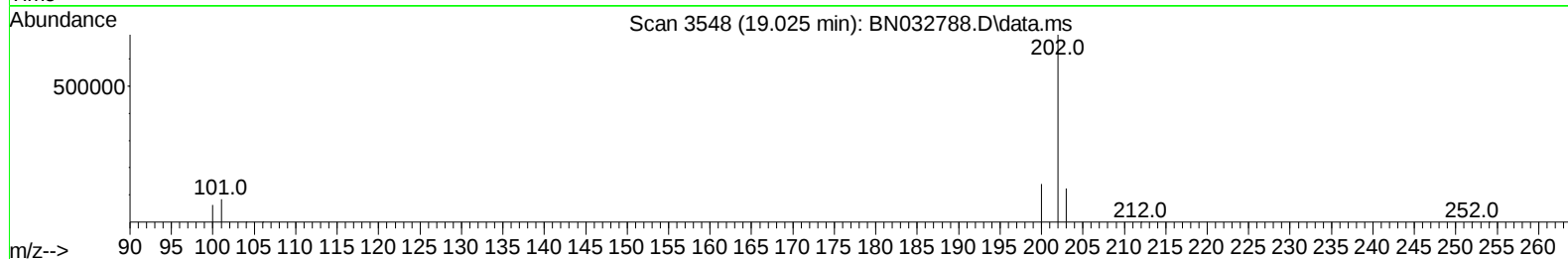
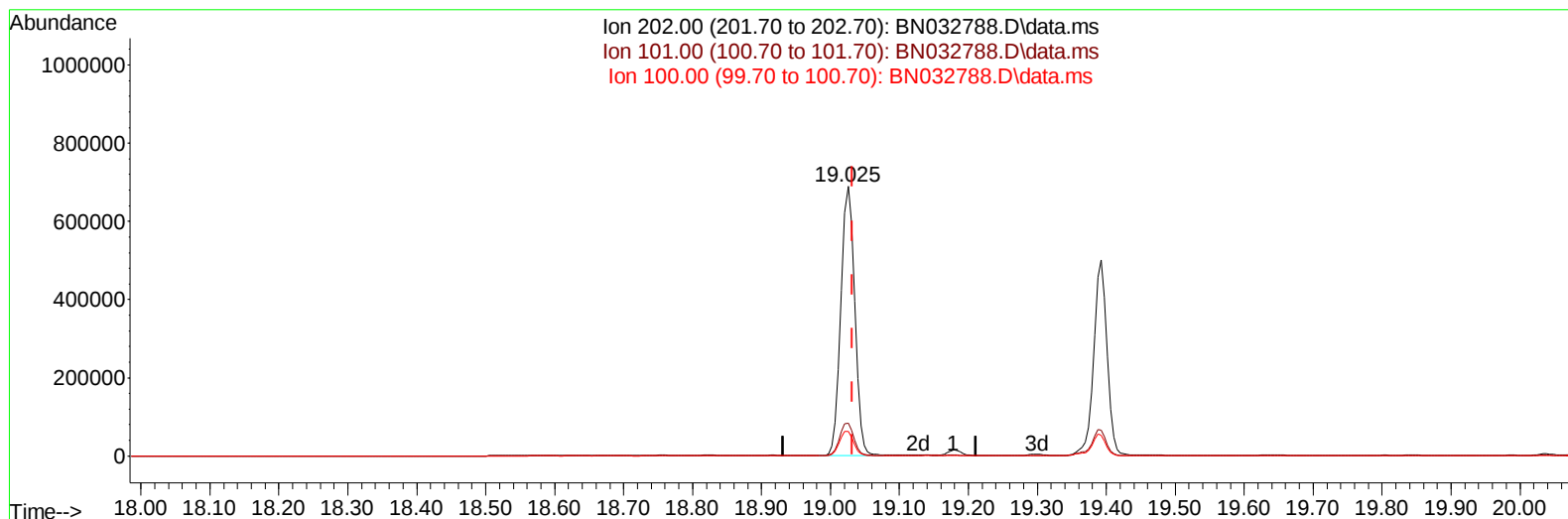
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032788.D
Acq On : 17 Jul 2024 20:15
Operator : MA/JU
Sample : P3100-24DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 23:32:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032788.D\data.ms

(19) Fluoranthene (C)

19.025min (-0.006) 16.04 ng/ul m

response 946849

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	12.26
100.00	9.90	9.07
0.00	0.00	0.00

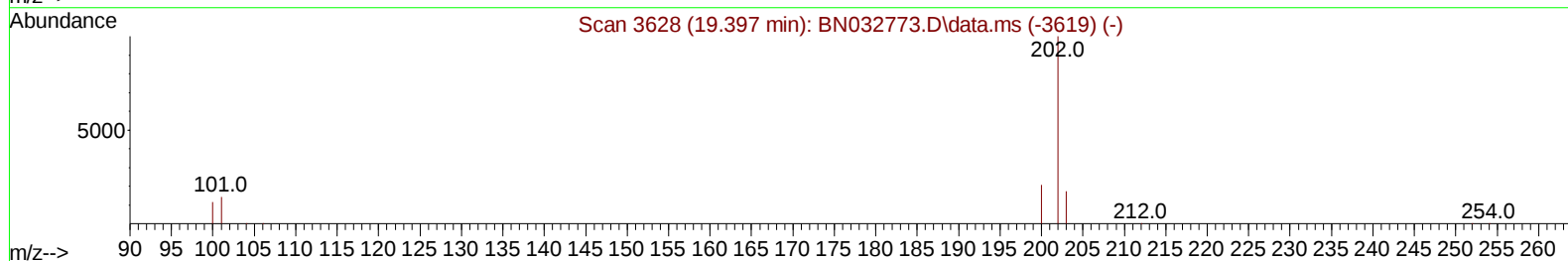
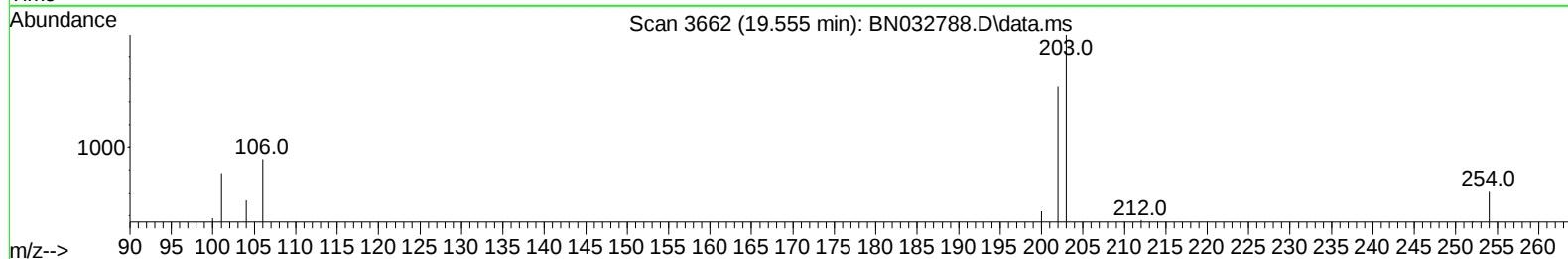
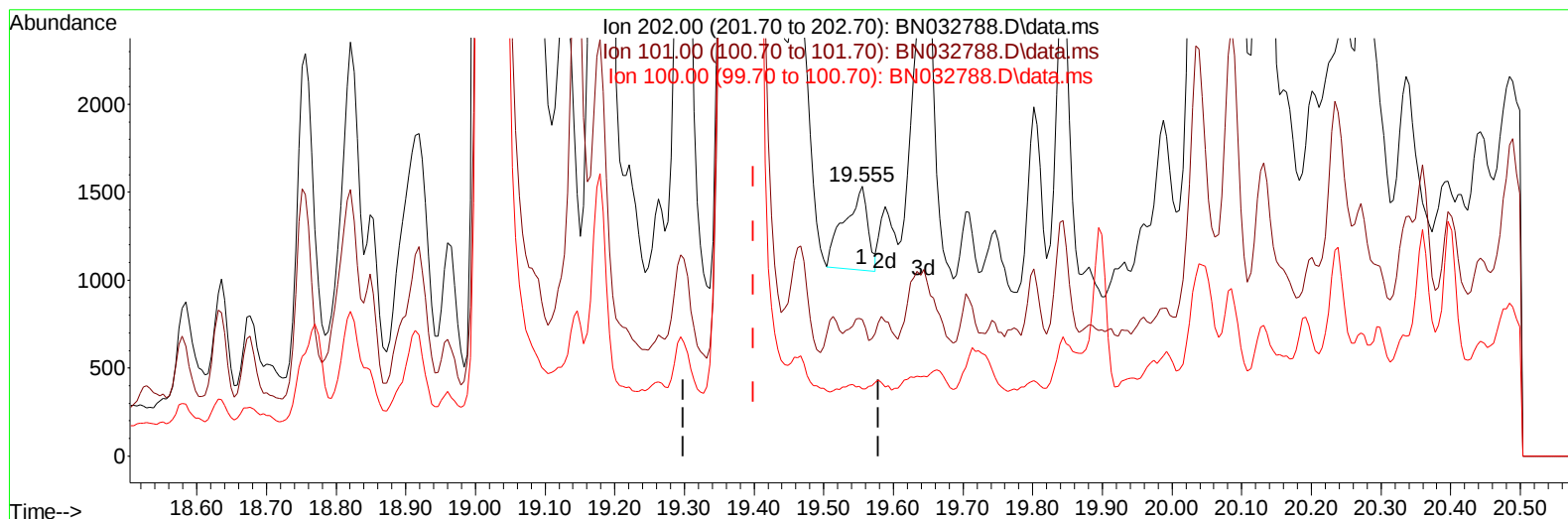
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032788.D
Acq On : 17 Jul 2024 20:15
Operator : MA/JU
Sample : P3100-24DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 23:32:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032788.D\data.ms

(20) Pyrene

19.555min (+ 0.157) 0.02 ng/u1

response 1107

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	50.72#
100.00	12.00	24.87#
0.00	0.00	0.00

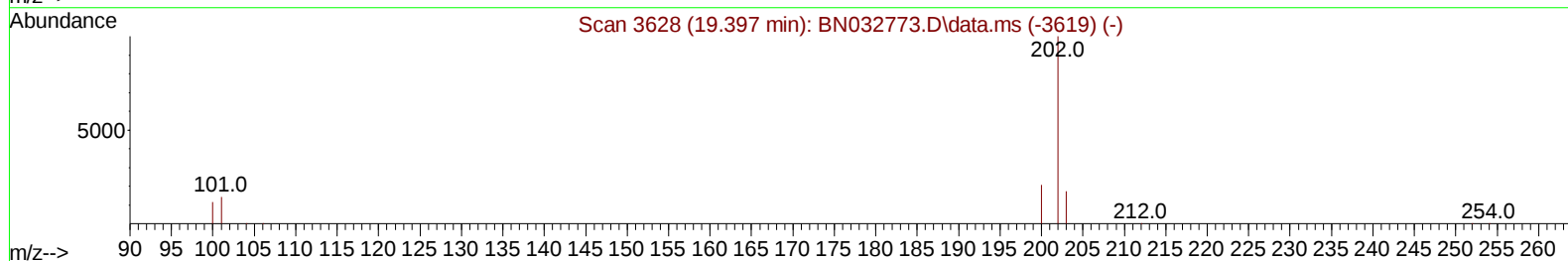
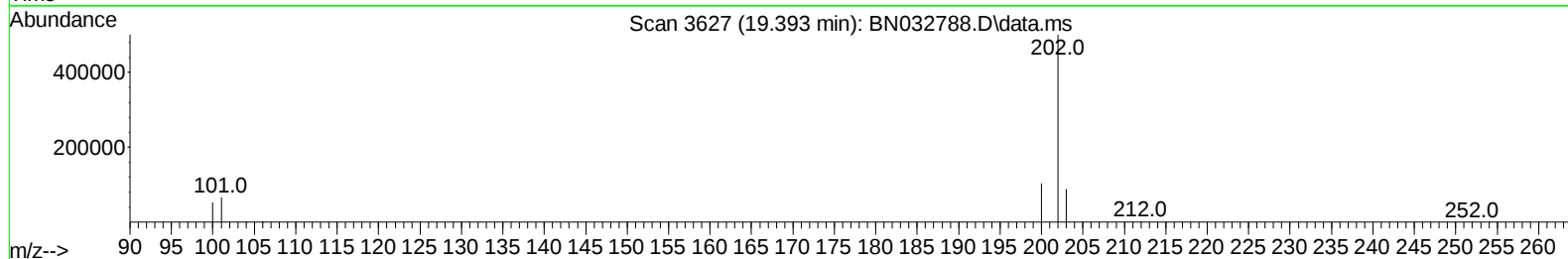
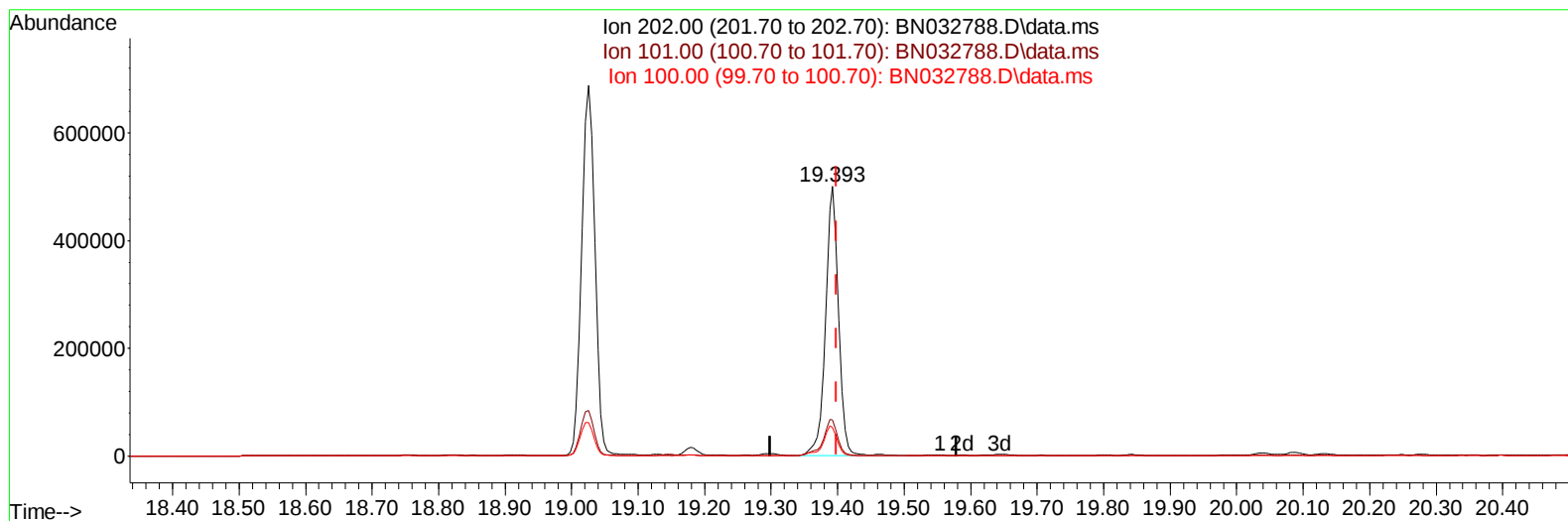
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032788.D
Acq On : 17 Jul 2024 20:15
Operator : MA/JU
Sample : P3100-24DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 23:32:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032788.D\data.ms

(20) Pyrene

19.393min (-0.006) 11.20 ng/ul m

response 683986

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	13.33
100.00	12.00	10.63
0.00	0.00	0.00

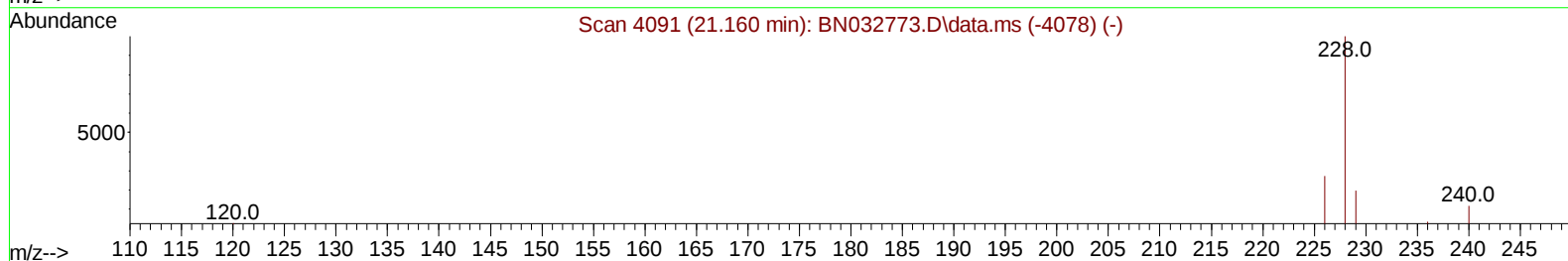
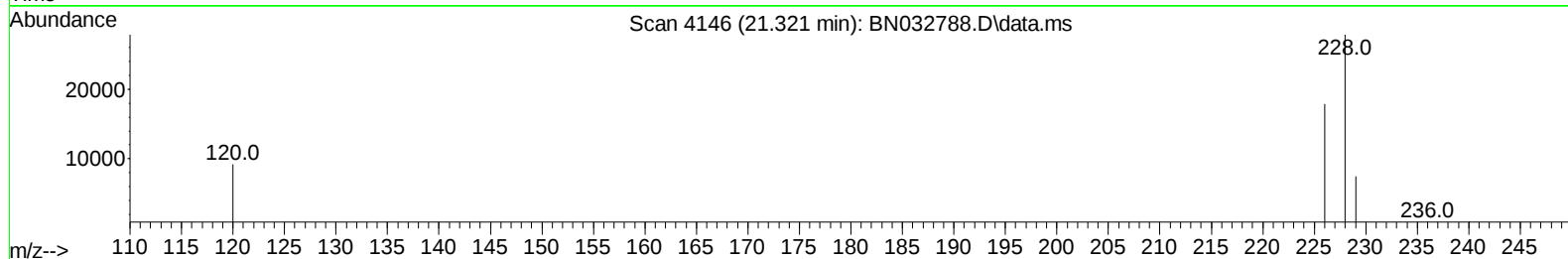
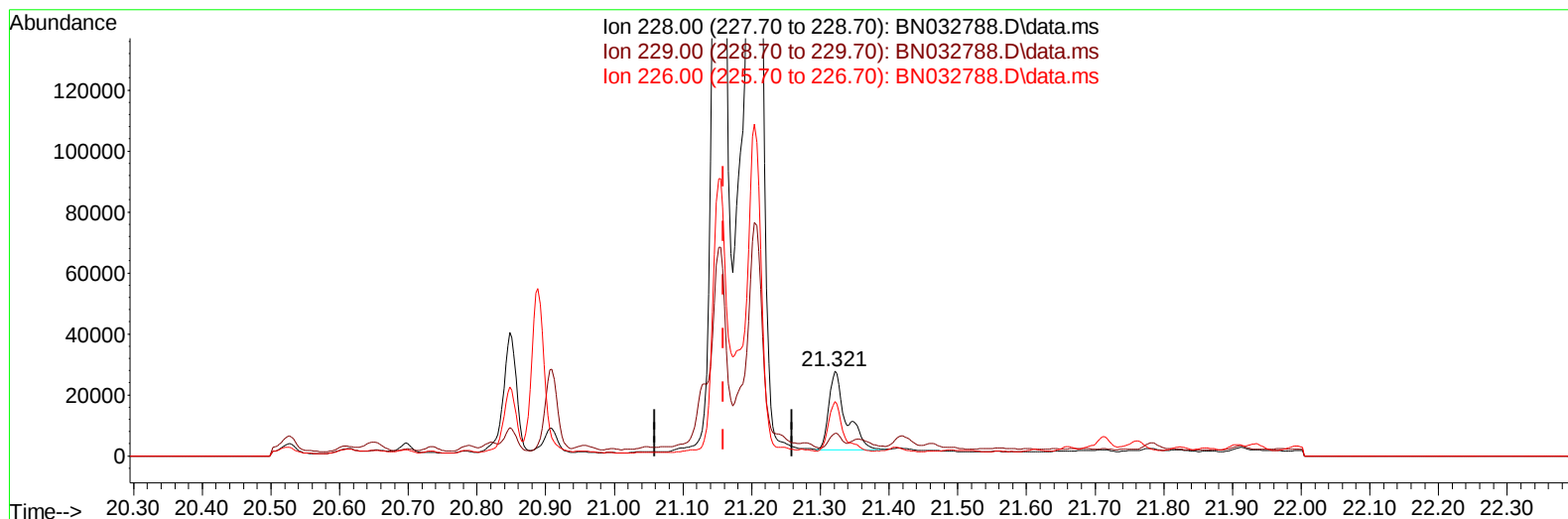
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032788.D
 Acq On : 17 Jul 2024 20:15
 Operator : MA/JU
 Sample : P3100-24DL 5X
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D52DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 23:32:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 17 02:35:25 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024



TIC: BN032788.D\data.ms

(21) Benzo(a)anthracene

21.321min (+ 0.162) 0.97 ng/u1

response 44879

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	26.77#
226.00	27.40	64.40#
0.00	0.00	0.00

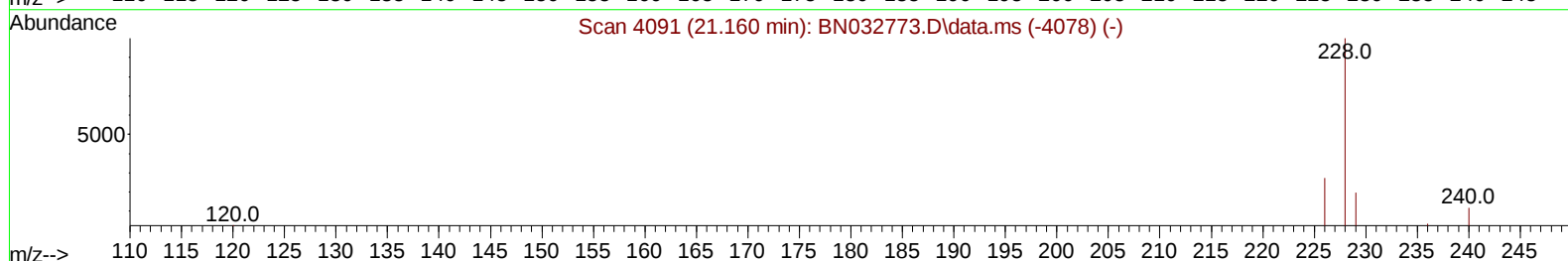
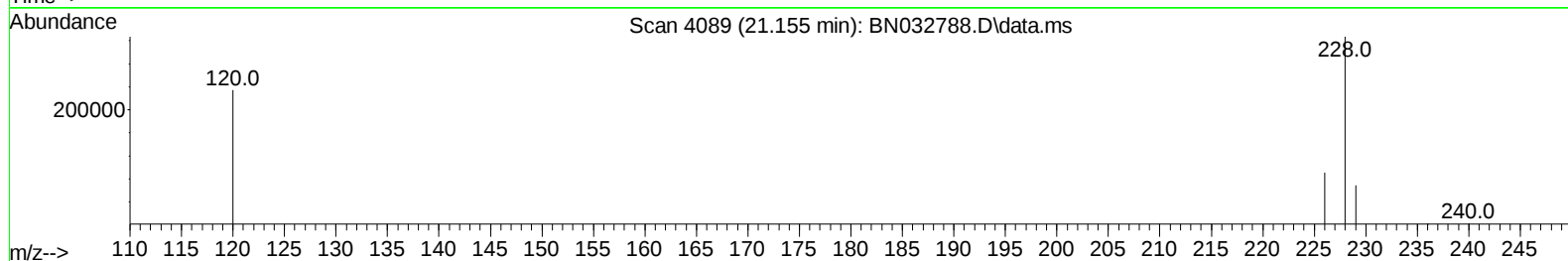
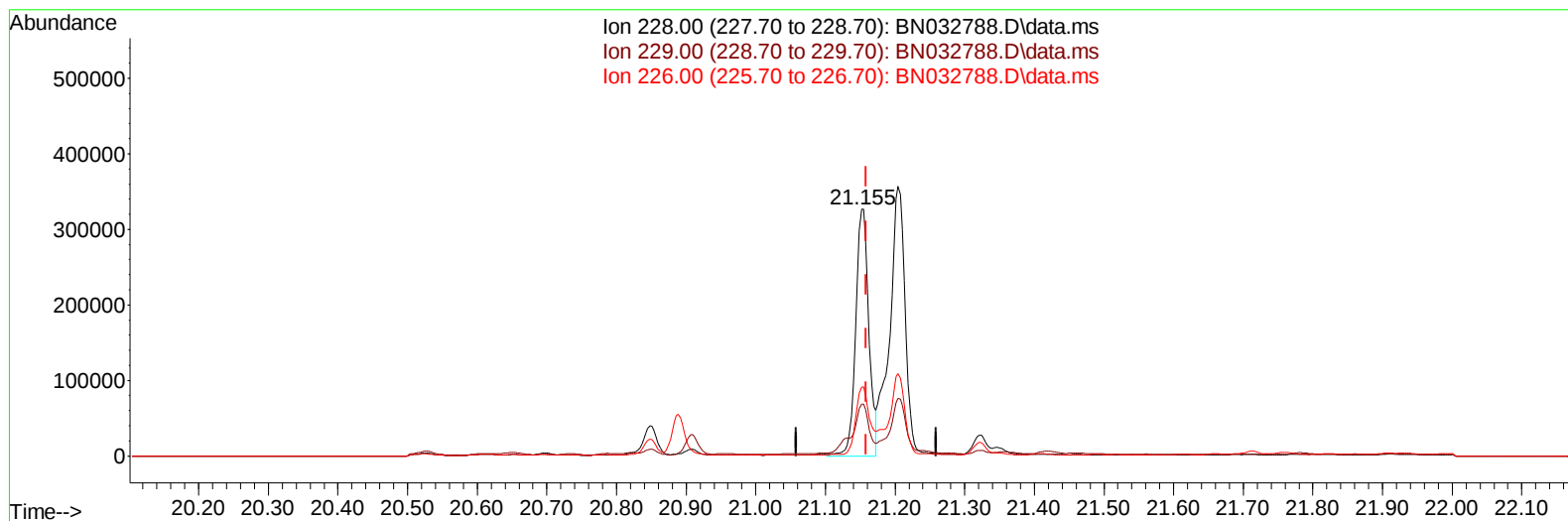
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032788.D
Acq On : 17 Jul 2024 20:15
Operator : MA/JU
Sample : P3100-24DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 17 23:32:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration



TIC: BN032788.D\data.ms

(21) Benzo(a)anthracene

21.155min (-0.004) 9.28 ng/u1 m

response 428934

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	20.97
226.00	27.40	27.84
0.00	0.00	0.00

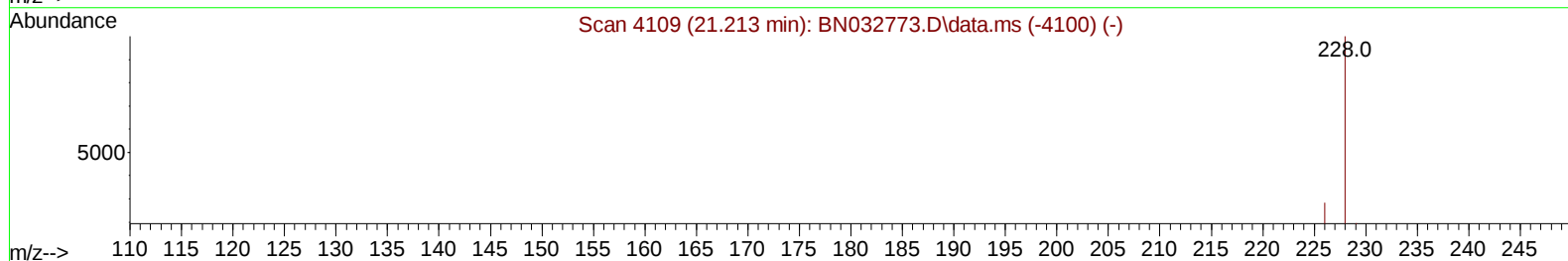
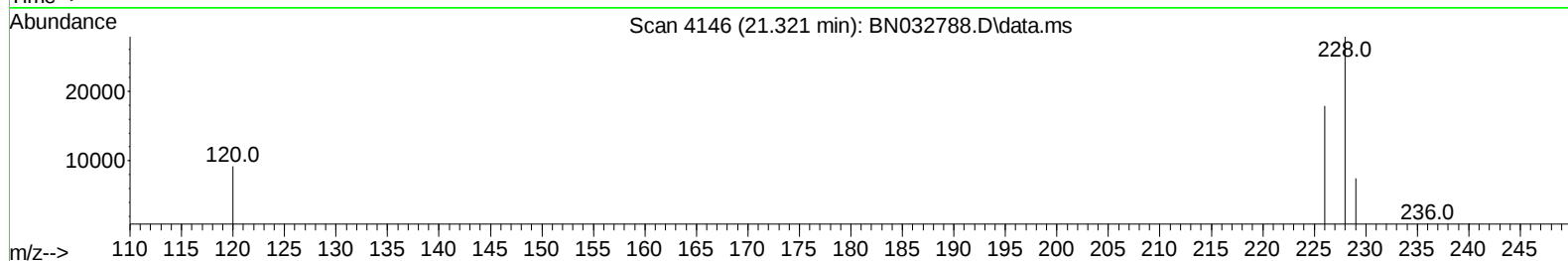
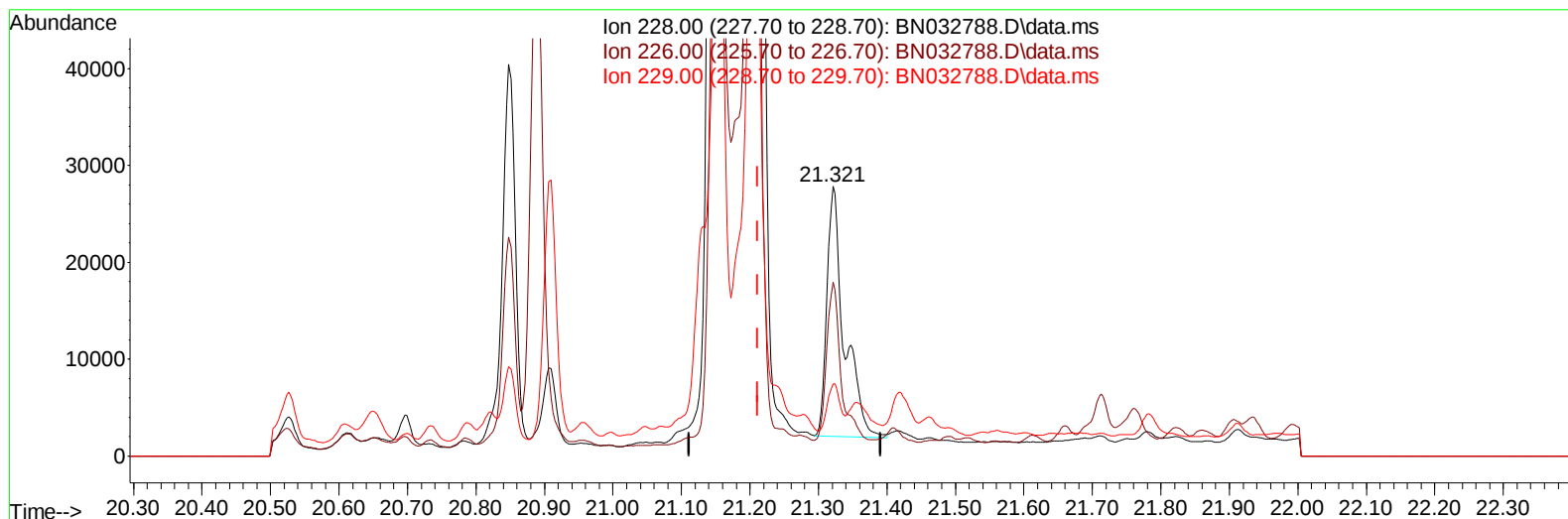
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032788.D
Acq On : 17 Jul 2024 20:15
Operator : MA/JU
Sample : P3100-24DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 23:32:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032788.D\data.ms

(22) Chrysene

21.321min (+ 0.110) 0.68 ng/u1

response 45603

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	64.40#
229.00	19.70	26.77#
0.00	0.00	0.00

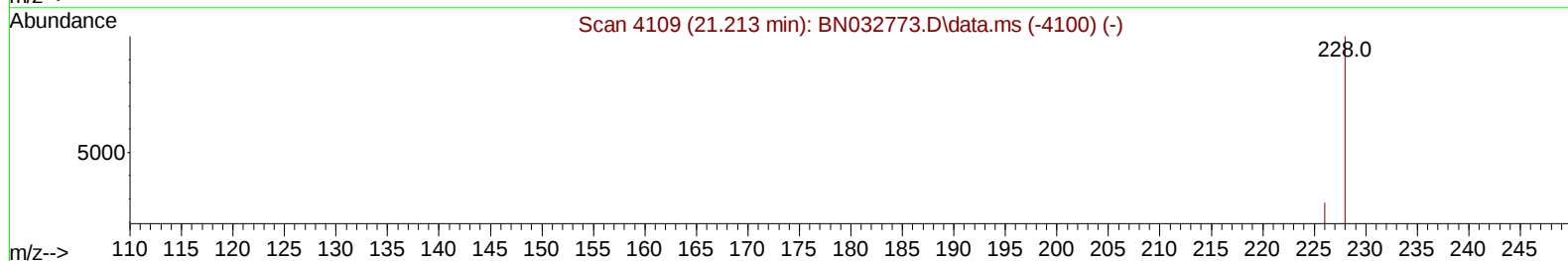
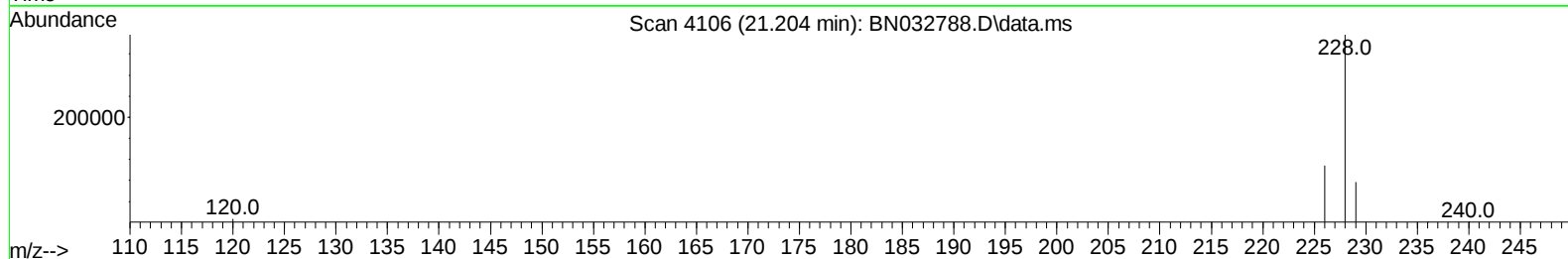
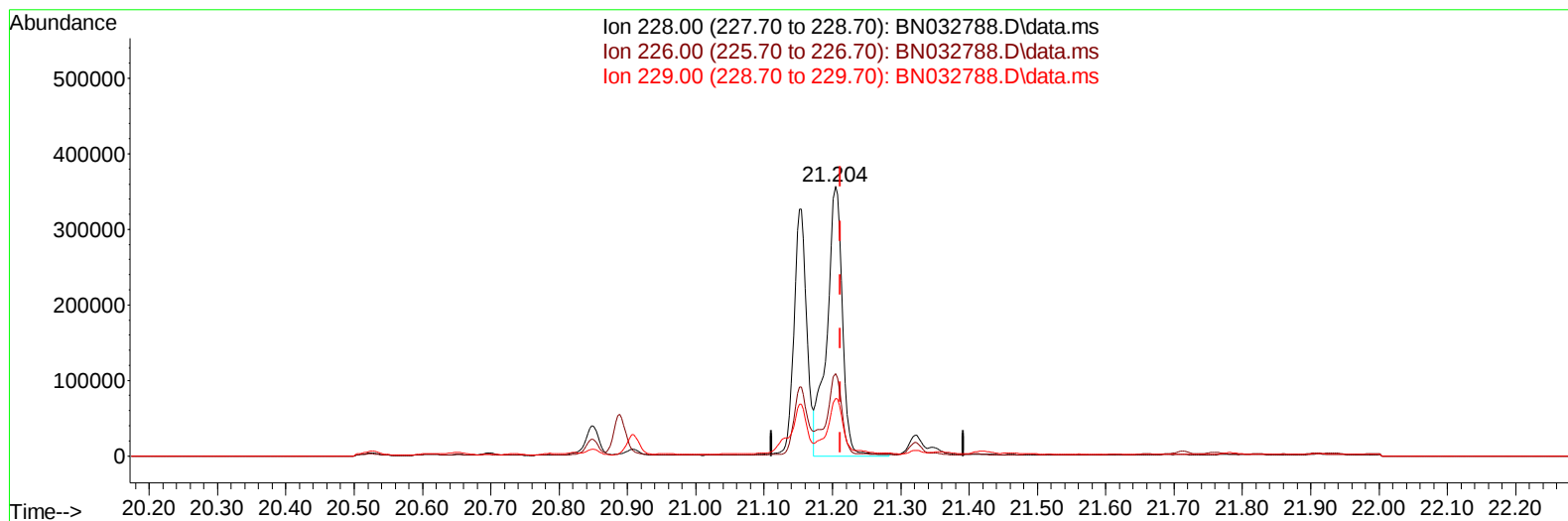
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032788.D
Acq On : 17 Jul 2024 20:15
Operator : MA/JU
Sample : P3100-24DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 23:32:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032788.D\data.ms

(22) Chrysene

21.204min (-0.007) 8.47 ng/u1 m

response 566120

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	30.52
229.00	19.70	21.47
0.00	0.00	0.00

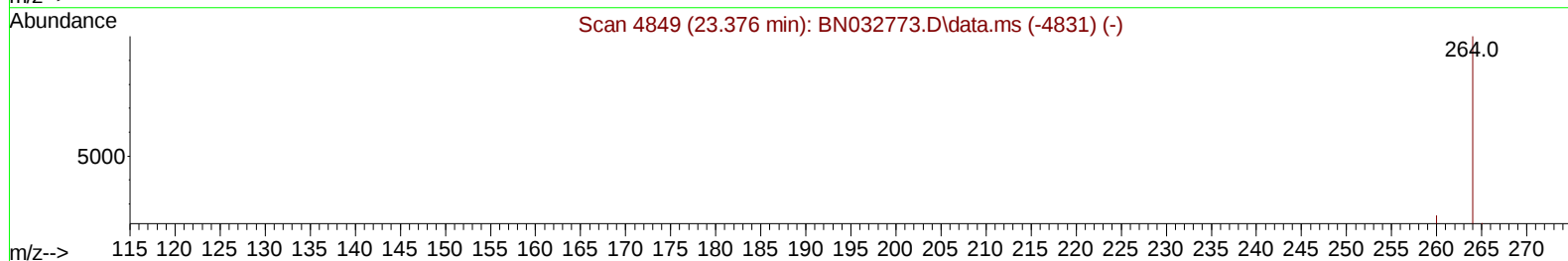
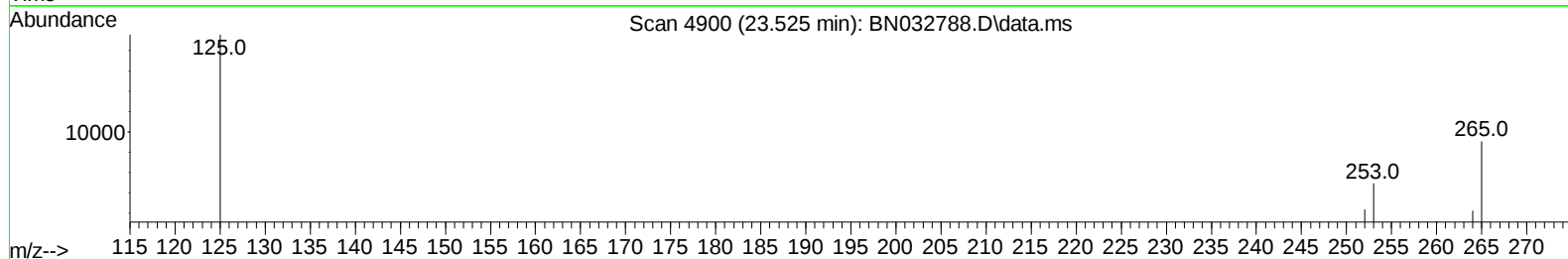
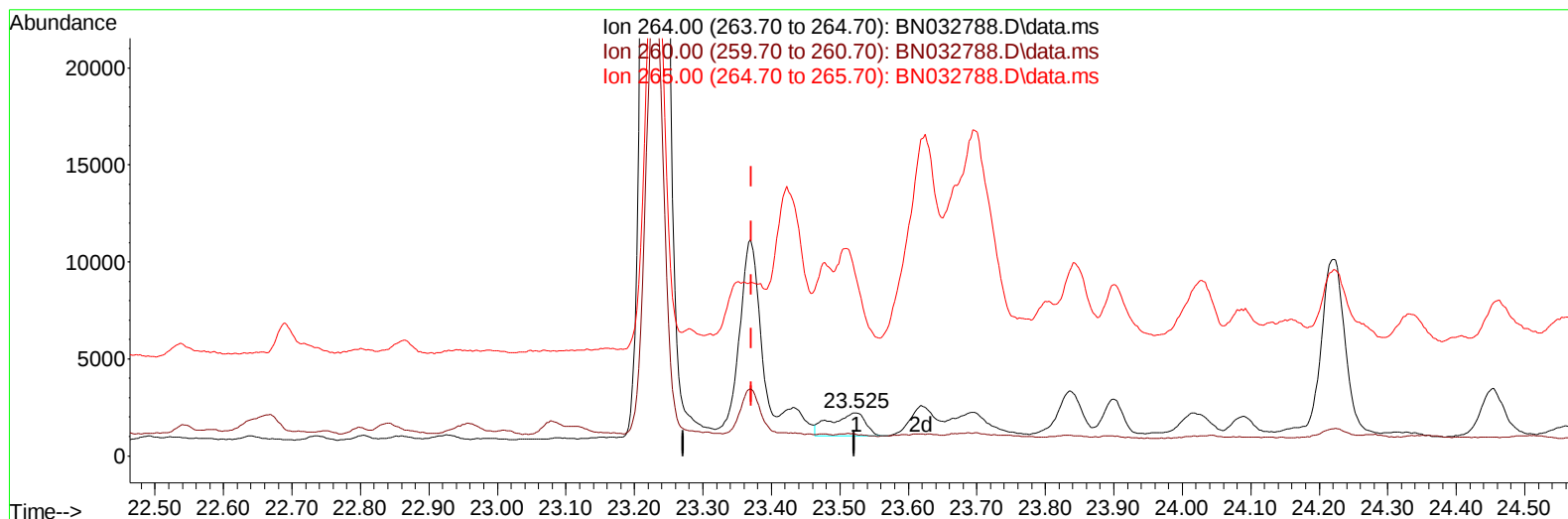
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032788.D
Acq On : 17 Jul 2024 20:15
Operator : MA/JU
Sample : P3100-24DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 23:32:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032788.D\data.ms

(23) Perylene-d12 (I)

23.525min (+ 0.153) 0.40 ng/u1

response 4258

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	49.33#
265.00	95.50	408.23#
0.00	0.00	0.00

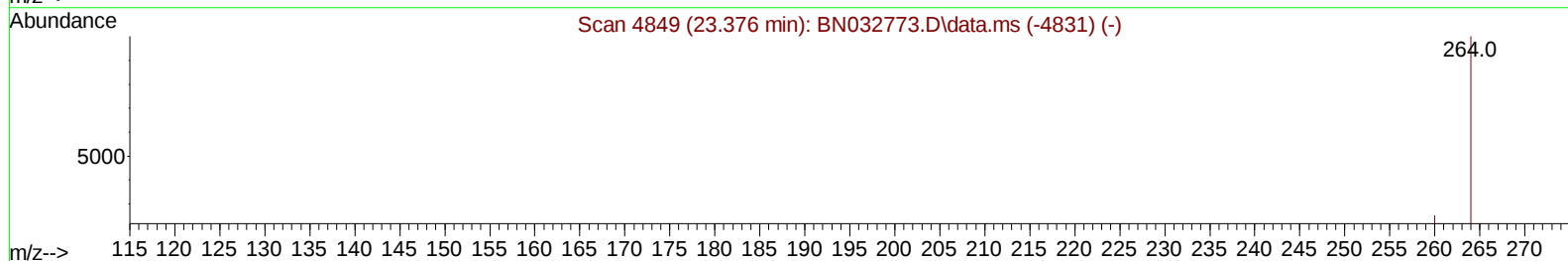
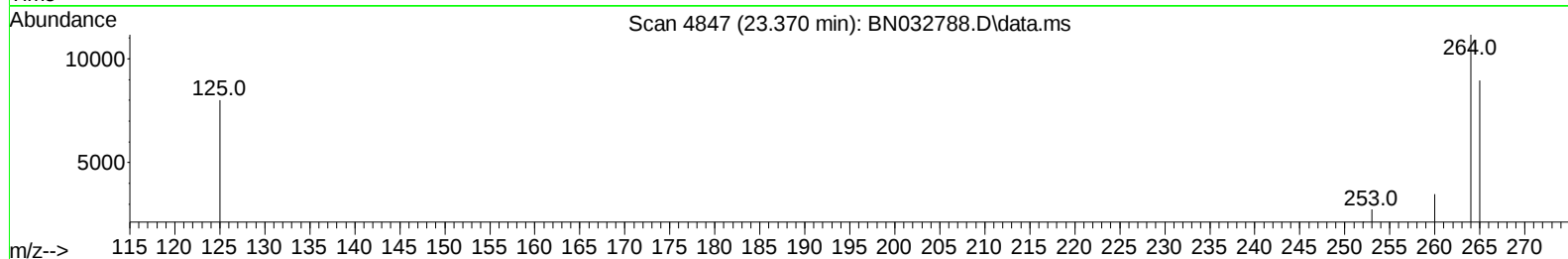
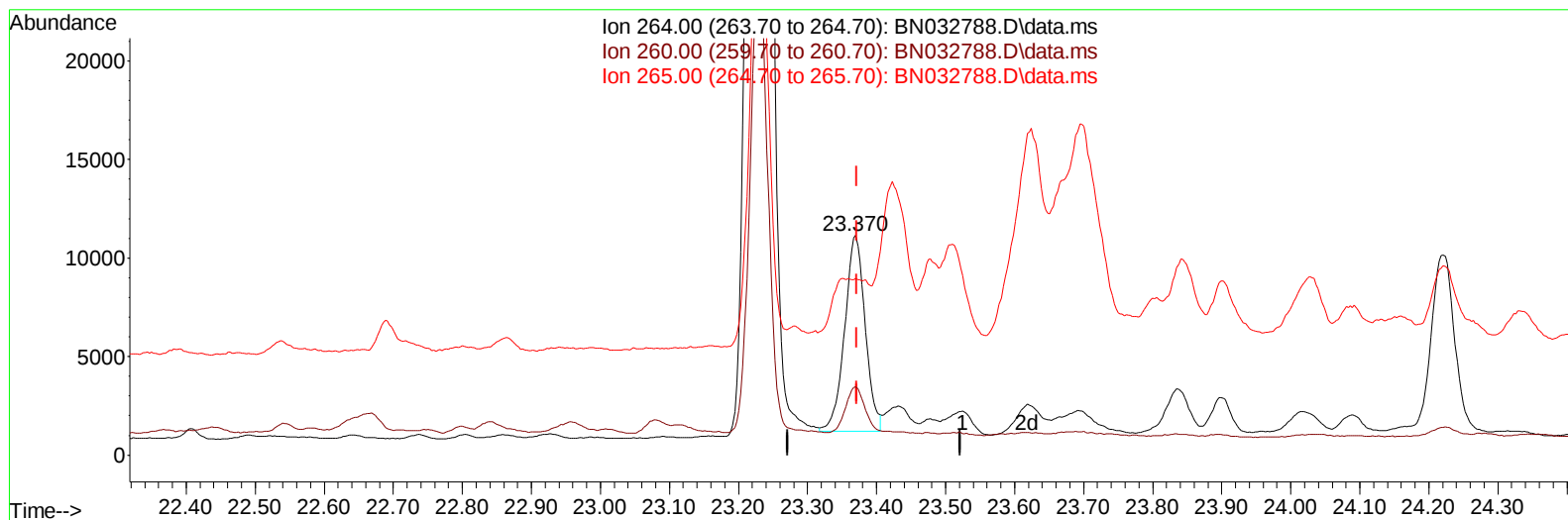
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032788.D
 Acq On : 17 Jul 2024 20:15
 Operator : MA/JU
 Sample : P3100-24DL 5X
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D52DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 23:32:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 17 02:35:25 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024



TIC: BN032788.D\data.ms

(23) Perylene-d12 (I)

23.370min (-0.001) 0.40 ng/ul m

response 20632

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	31.08
265.00	95.50	80.34
0.00	0.00	0.00

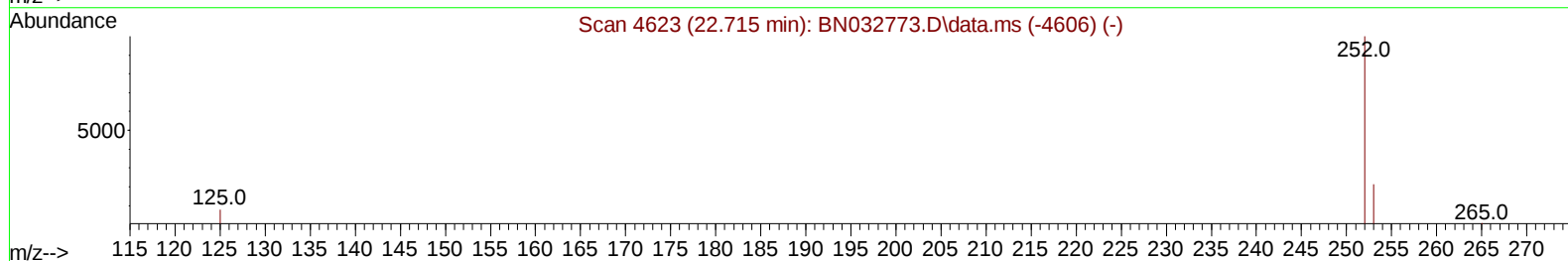
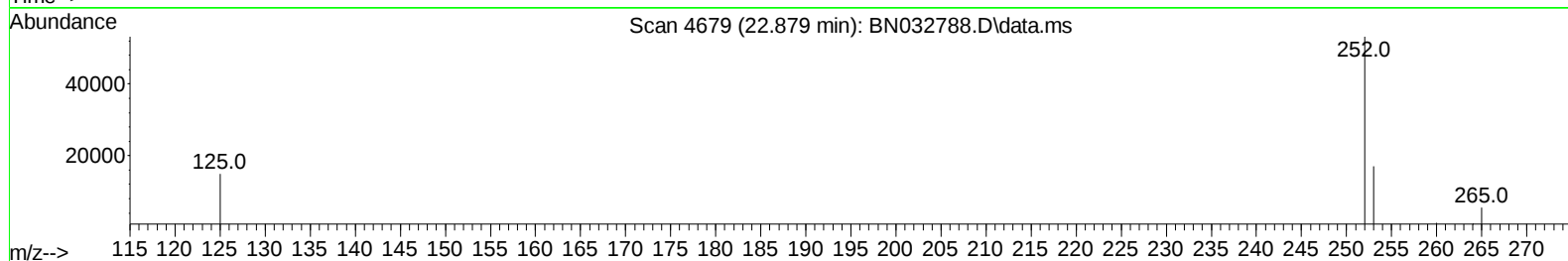
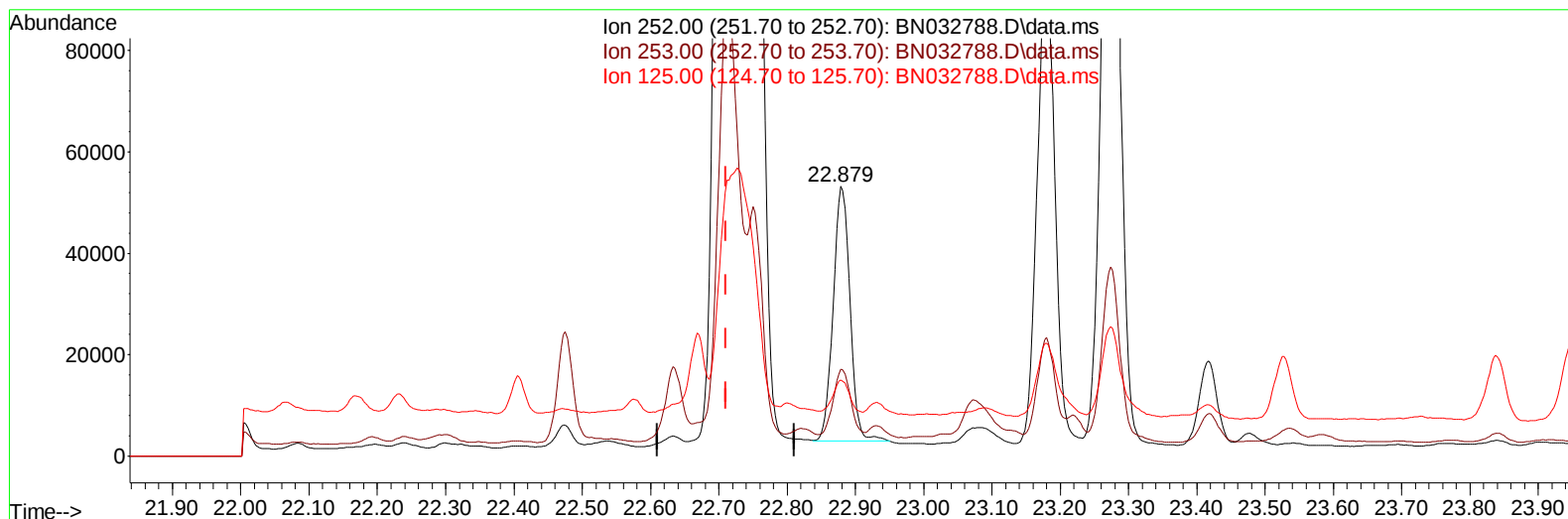
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032788.D
Acq On : 17 Jul 2024 20:15
Operator : MA/JU
Sample : P3100-24DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 23:32:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
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Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032788.D\data.ms

(24) Benzo(b)fluoranthene

22.879min (+ 0.168) 1.18 ng/u1

response 85726

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	32.16
125.00	18.00	28.20
0.00	0.00	0.00

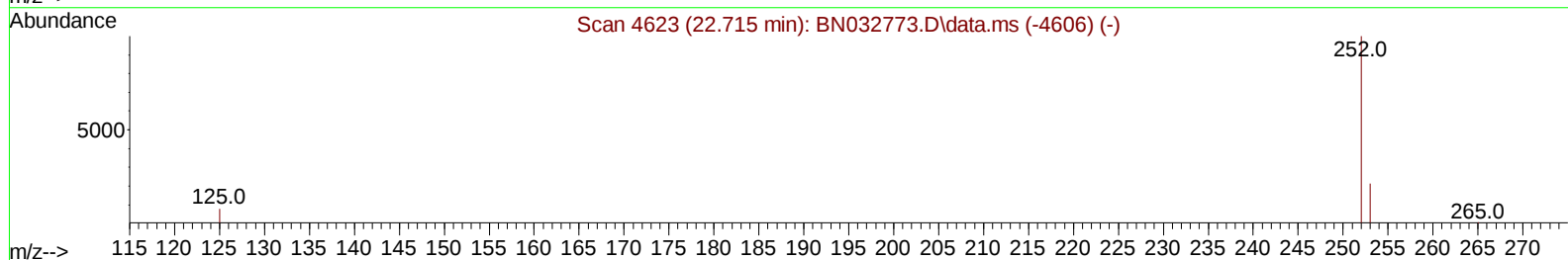
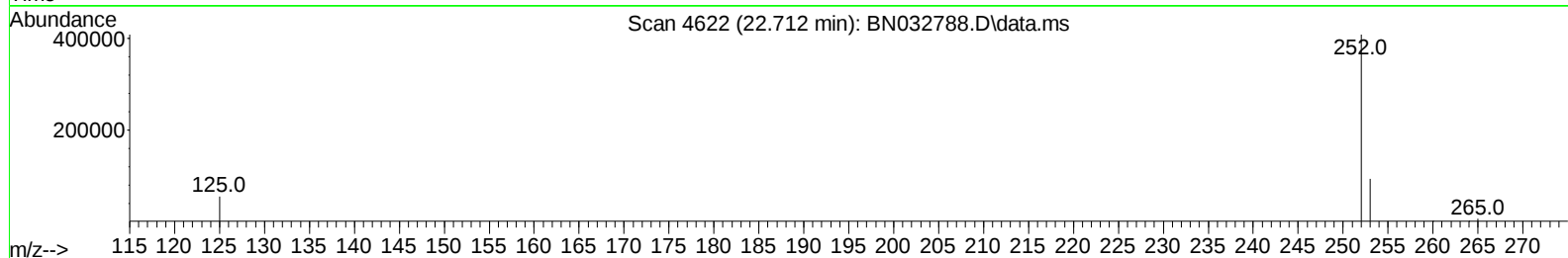
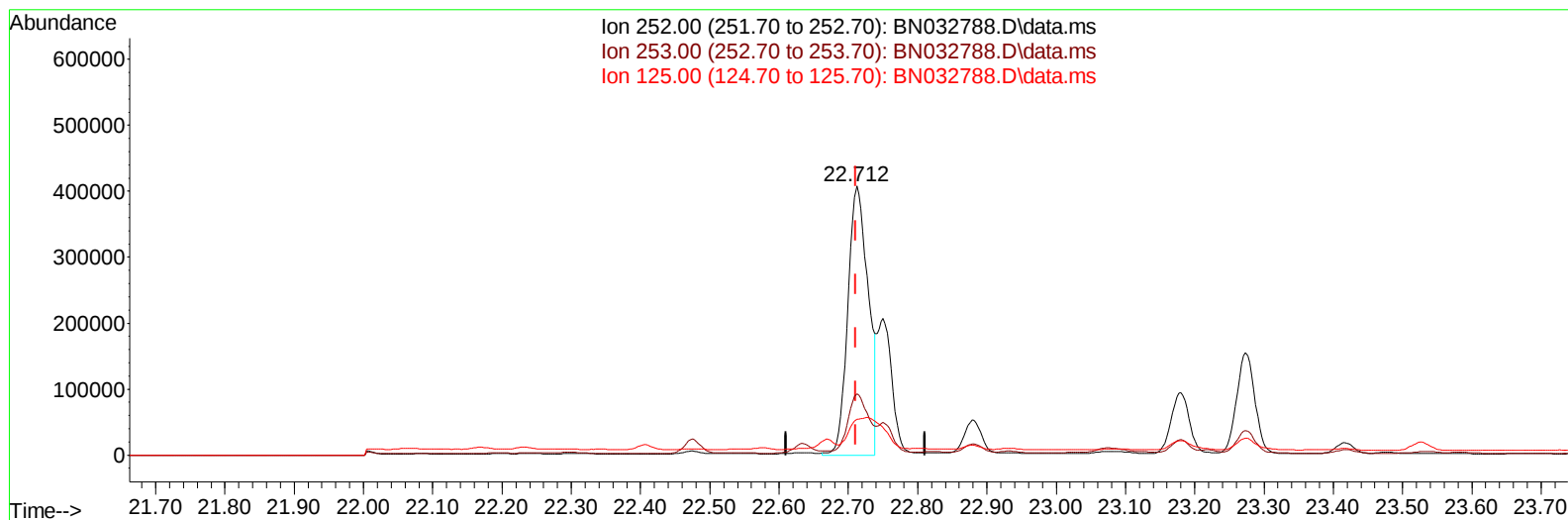
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032788.D
Acq On : 17 Jul 2024 20:15
Operator : MA/JU
Sample : P3100-24DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 23:32:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032788.D\data.ms

(24) Benzo(b)fluoranthene

22.712min (+ 0.001) 11.57 ng/ul m

response 842317

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	22.74
125.00	18.00	13.36
0.00	0.00	0.00

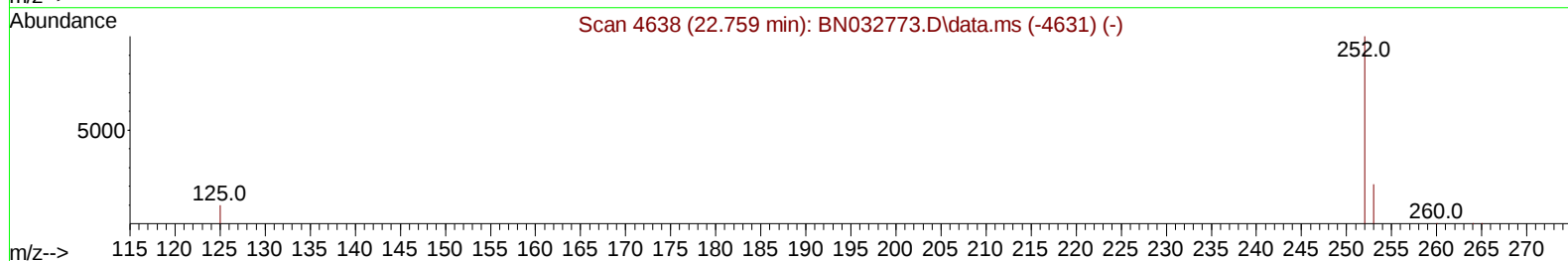
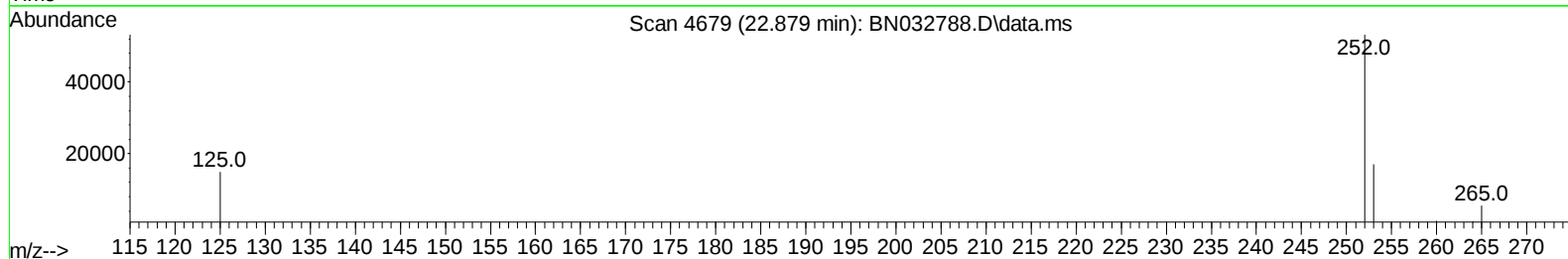
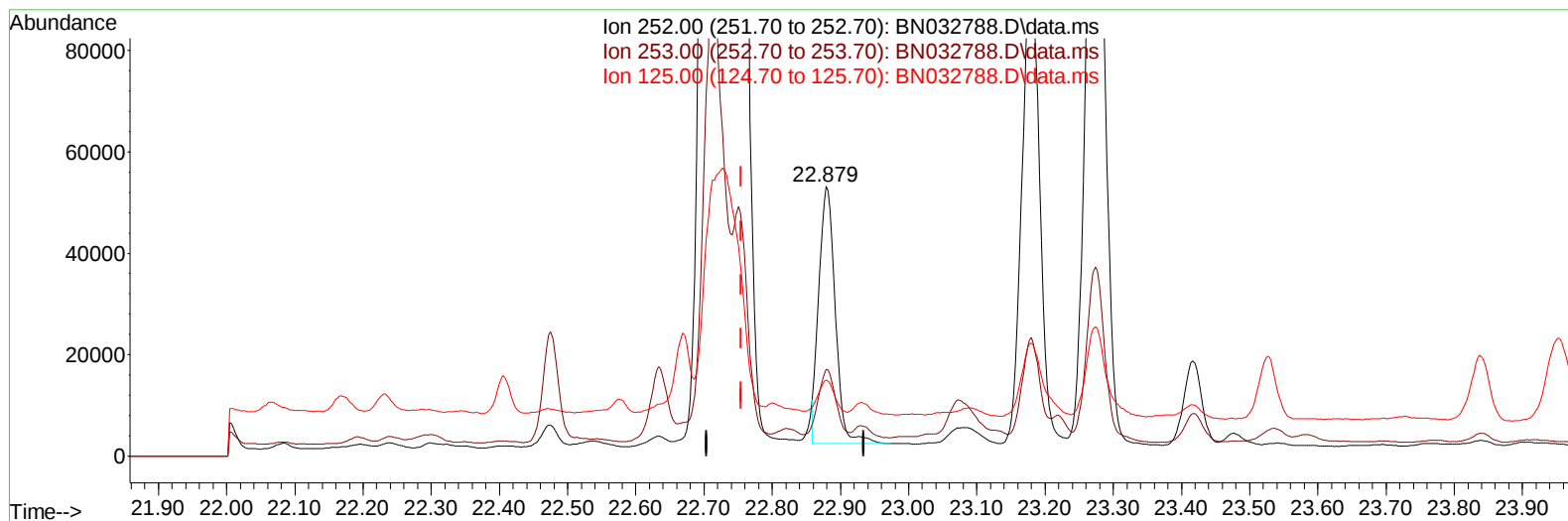
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032788.D
Acq On : 17 Jul 2024 20:15
Operator : MA/JU
Sample : P3100-24DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 23:32:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032788.D\data.ms

(25) Benzo(k)fluoranthene

22.879min (+ 0.124) 0.97 ng/u1

response 85921

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	32.16#
125.00	18.50	28.20#
0.00	0.00	0.00

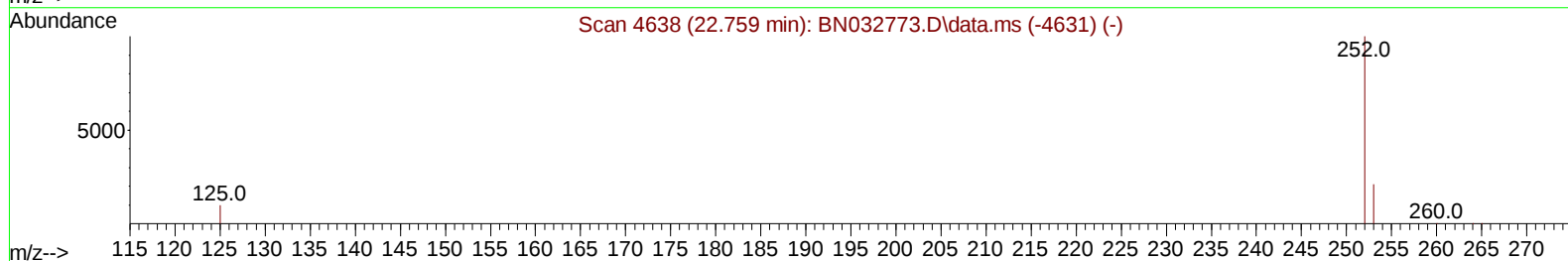
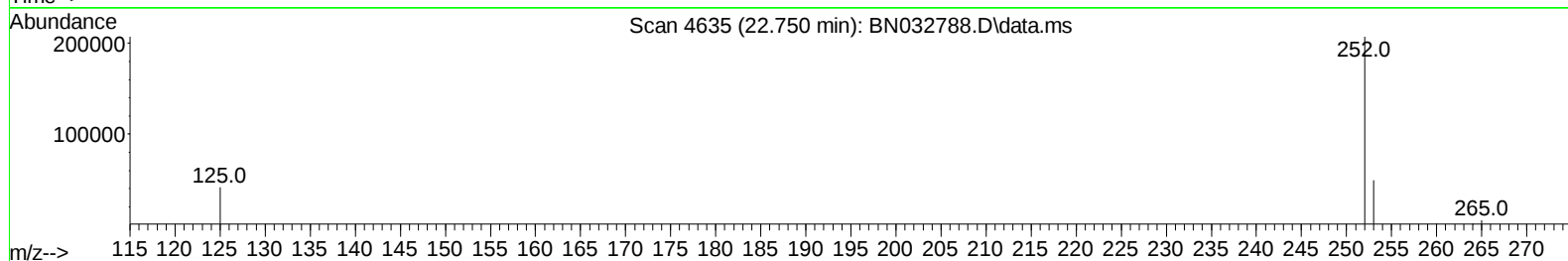
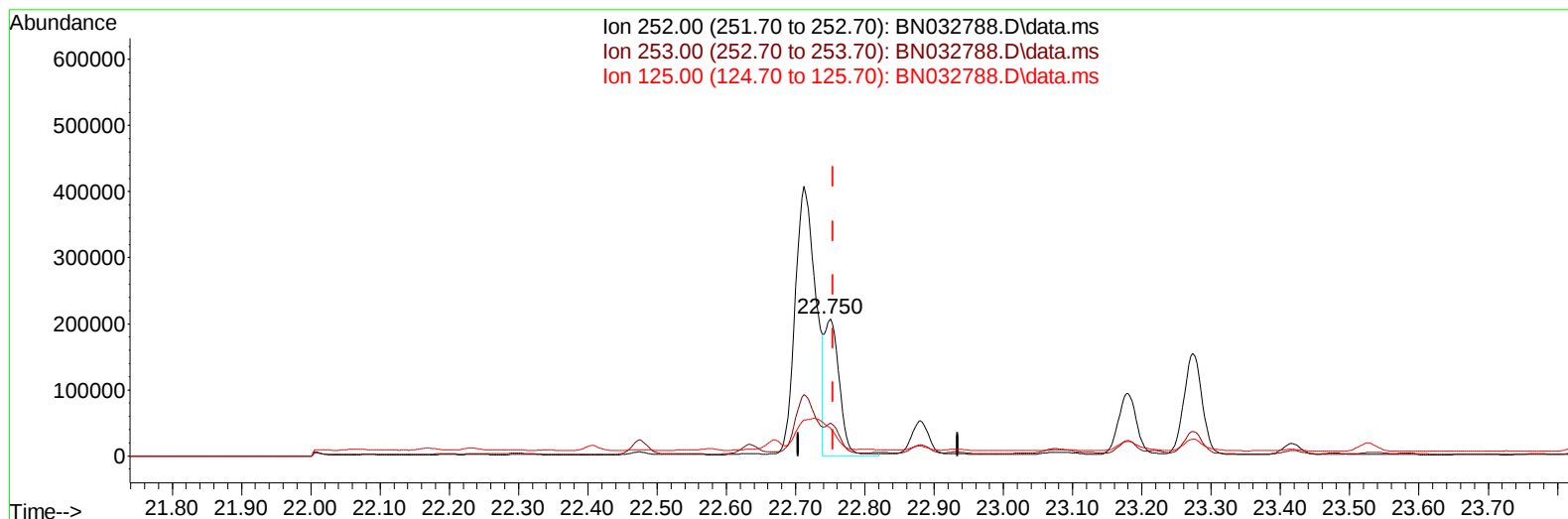
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032788.D
Acq On : 17 Jul 2024 20:15
Operator : MA/JU
Sample : P3100-24DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 23:32:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032788.D\data.ms

(25) Benzo(k)fluoranthene

22.750min (-0.004) 3.53 ng/u1 m

response 313099

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	23.72
125.00	18.50	20.01
0.00	0.00	0.00

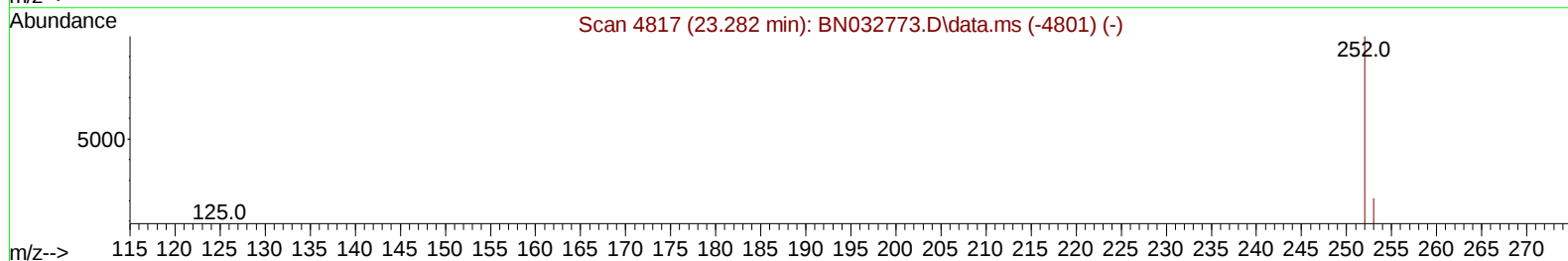
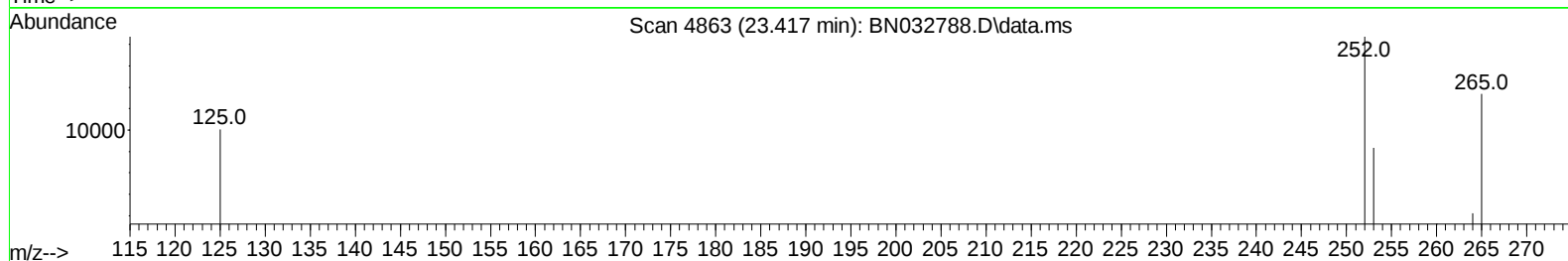
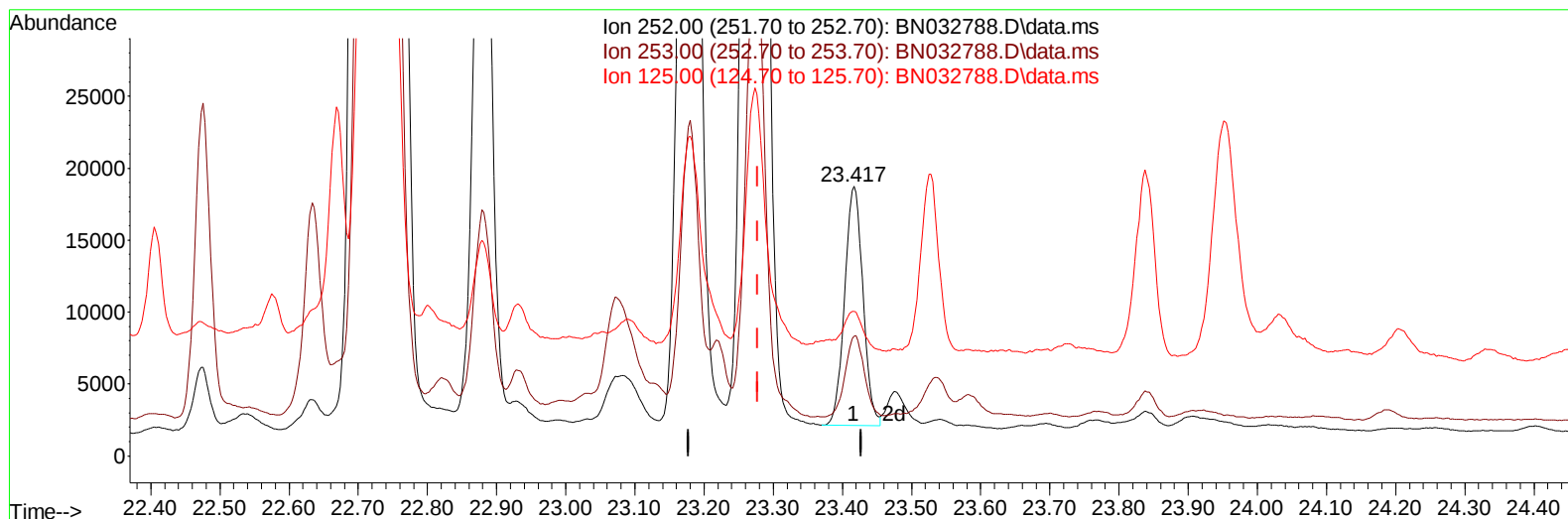
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032788.D
Acq On : 17 Jul 2024 20:15
Operator : MA/JU
Sample : P3100-24DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 23:32:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032788.D\data.ms

(26) Benzo(a)pyrene (C)

23.417min (+ 0.139) 0.49 ng/u1

response 30615

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	44.48#
125.00	25.70	53.72#
0.00	0.00	0.00

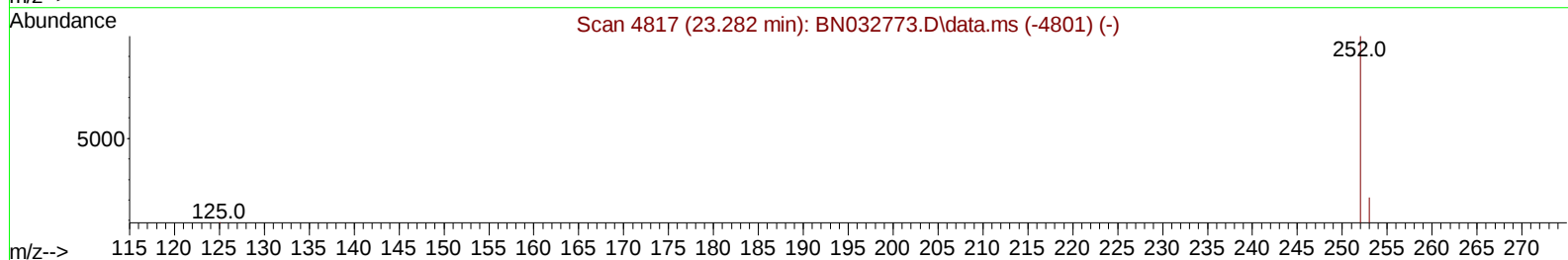
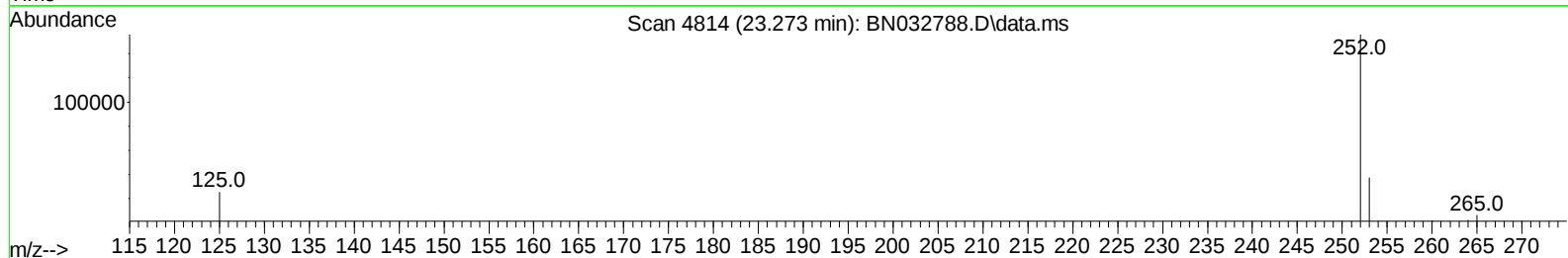
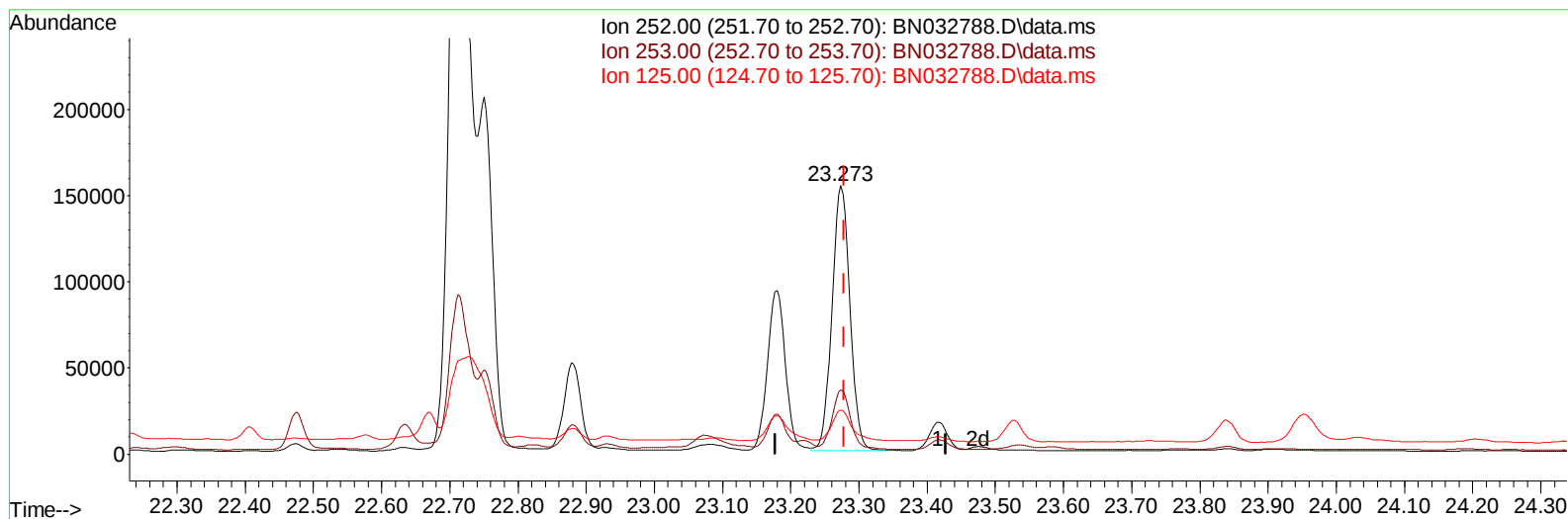
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032788.D
Acq On : 17 Jul 2024 20:15
Operator : MA/JU
Sample : P3100-24DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 23:32:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032788.D\data.ms

(26) Benzo(a)pyrene (C)

23.273min (-0.004) 4.48 ng/u1 m

response 282177

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	23.98#
125.00	25.70	16.43#
0.00	0.00	0.00

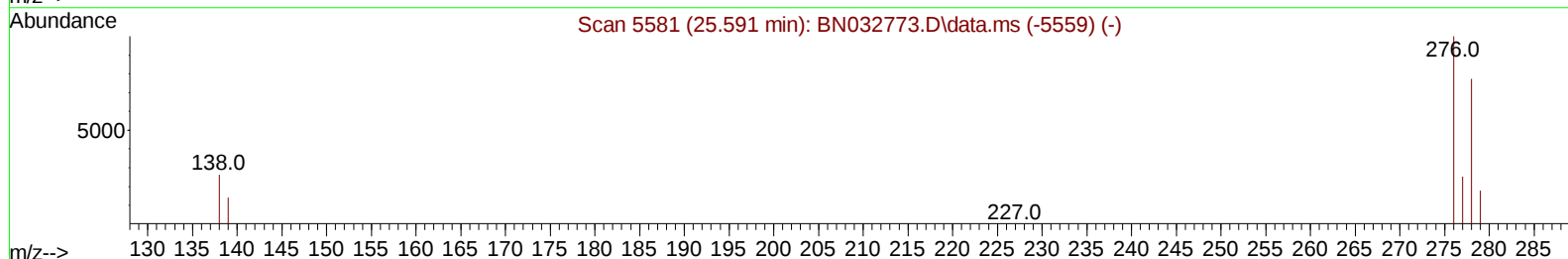
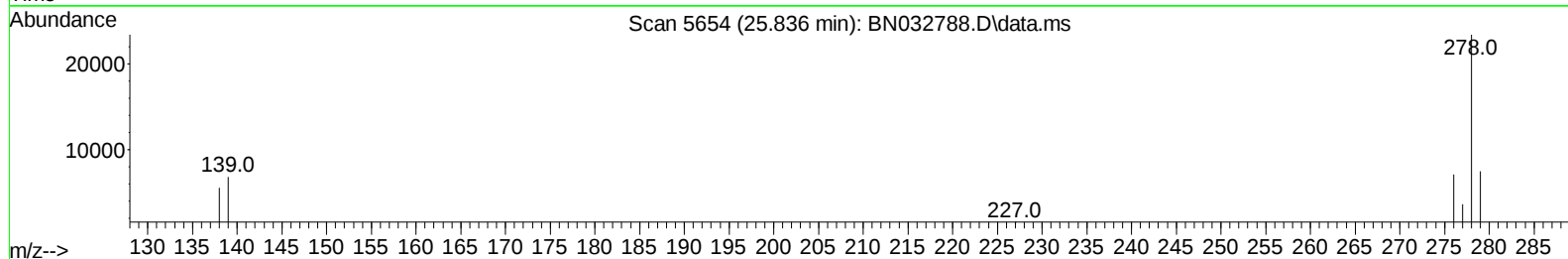
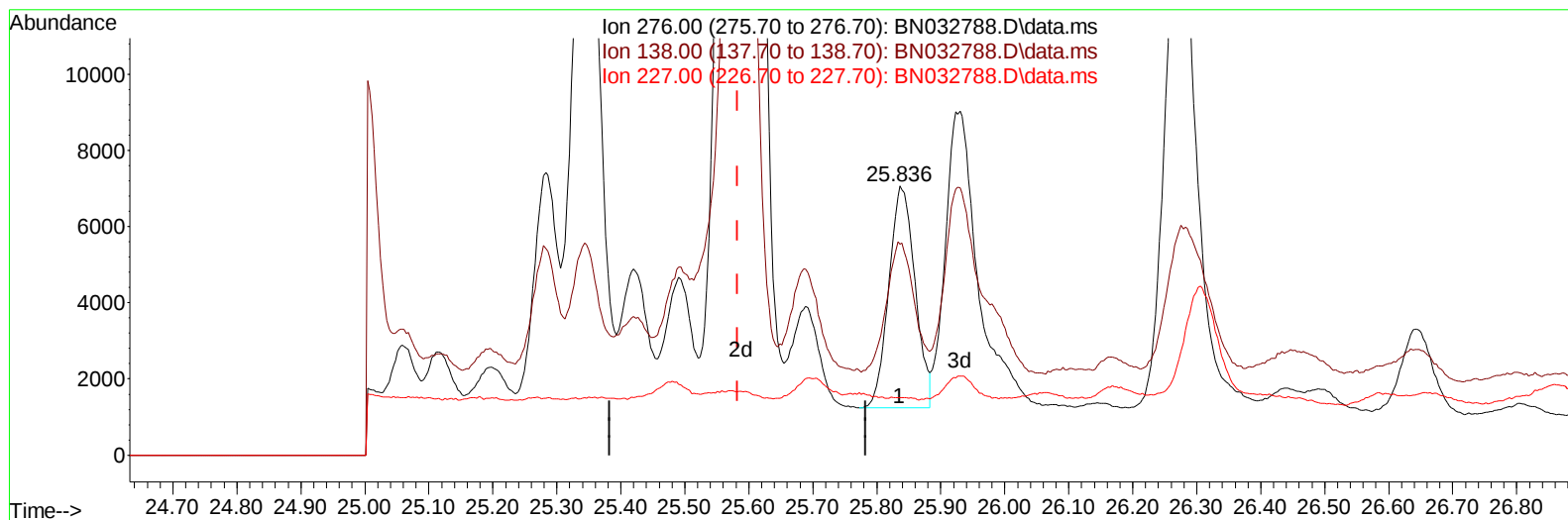
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032788.D
 Acq On : 17 Jul 2024 20:15
 Operator : MA/JU
 Sample : P3100-24DL 5X
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D52DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 23:32:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 17 02:35:25 2024
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Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024



TIC: BN032788.D\data.ms

(27) Indeno(1,2,3-cd)pyrene

25.836min (+ 0.253) 0.19 ng/u1

response 16551

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	61.72#
227.00	0.00	0.89#
0.00	0.00	0.00

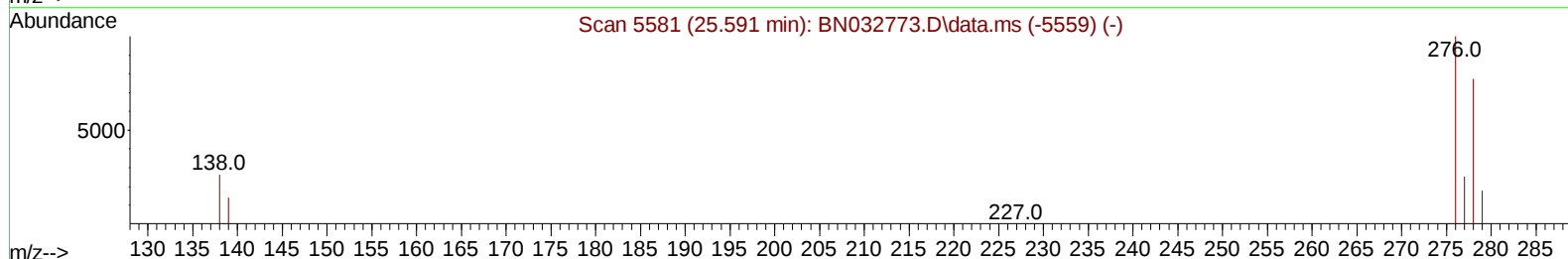
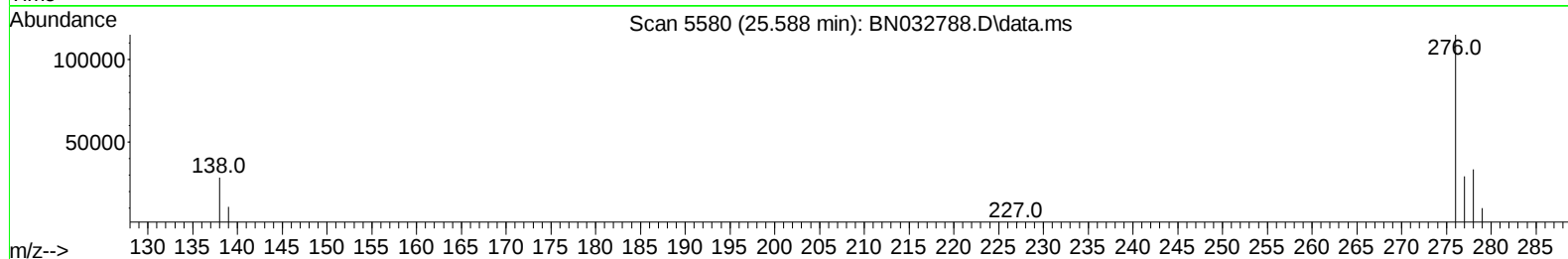
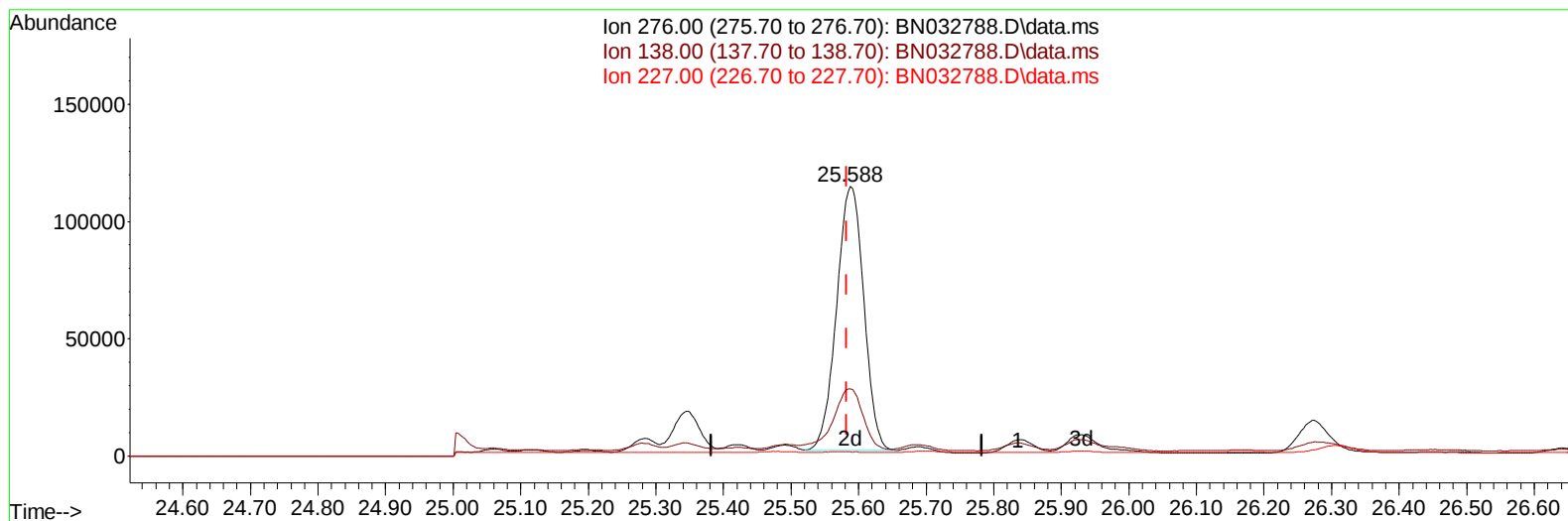
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032788.D
Acq On : 17 Jul 2024 20:15
Operator : MA/JU
Sample : P3100-24DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 23:32:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032788.D\data.ms

(27) Indeno(1,2,3-cd)pyrene

25.588min (+ 0.005) 3.71 ng/u1 m

response 316384

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	3.23#
227.00	0.00	0.05#
0.00	0.00	0.00

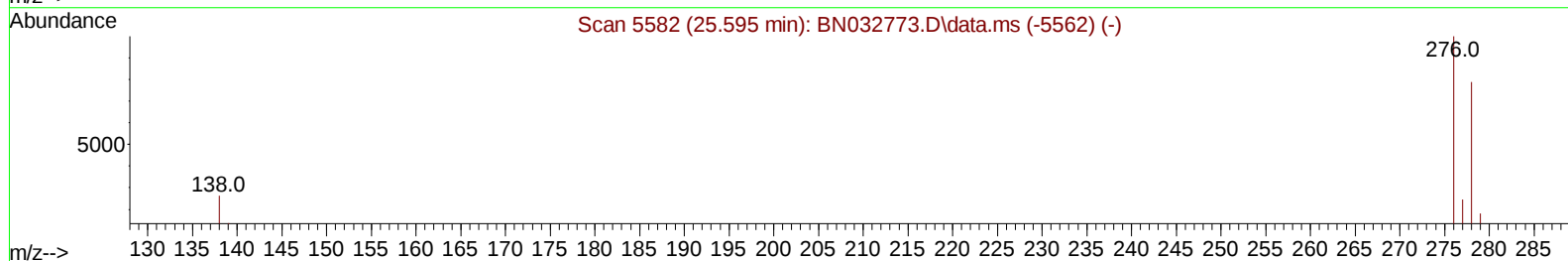
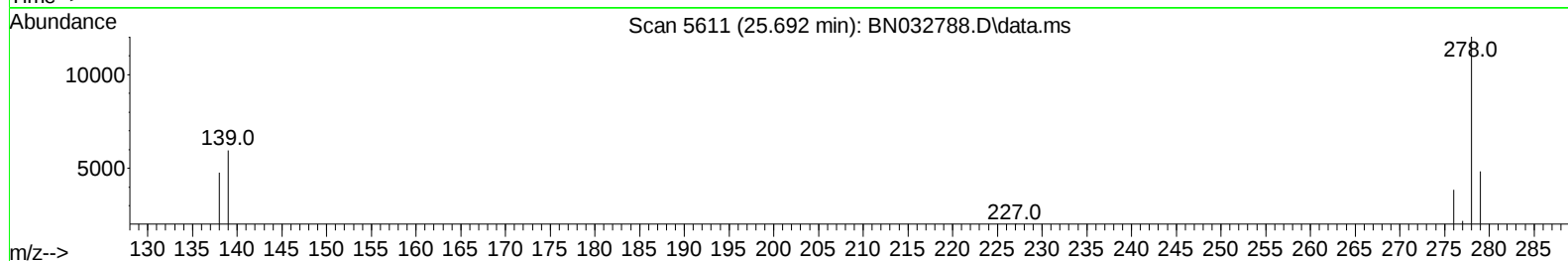
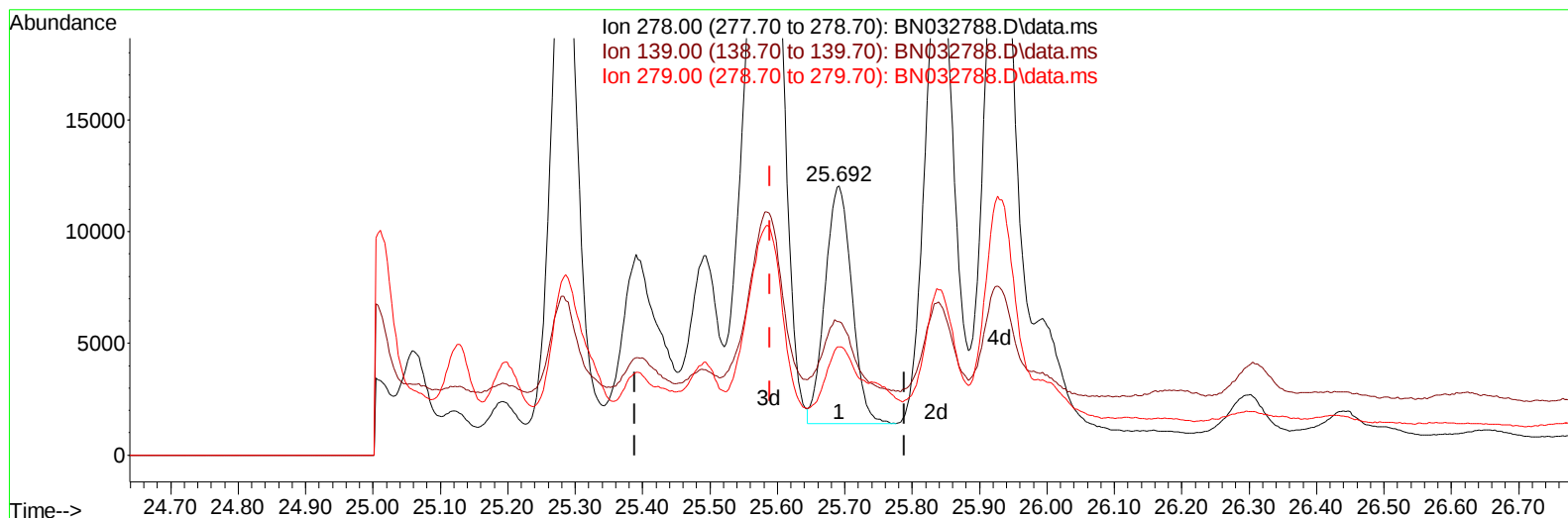
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032788.D
 Acq On : 17 Jul 2024 20:15
 Operator : MA/JU
 Sample : P3100-24DL 5X
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D52DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 23:32:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 17 02:35:25 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024



TIC: BN032788.D\data.ms

(28) Dibenzo(a,h)anthracene

25.692min (+ 0.102) 0.44 ng/u1

response 29265

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	49.62#
279.00	29.60	40.24#
0.00	0.00	0.00

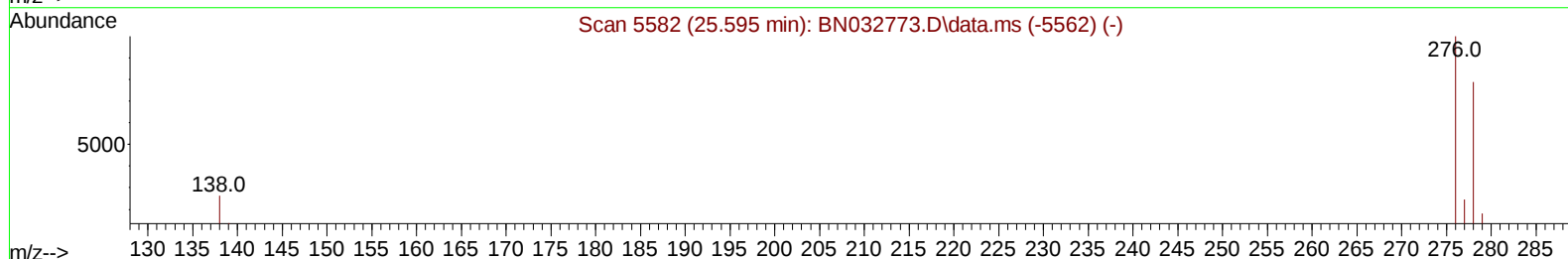
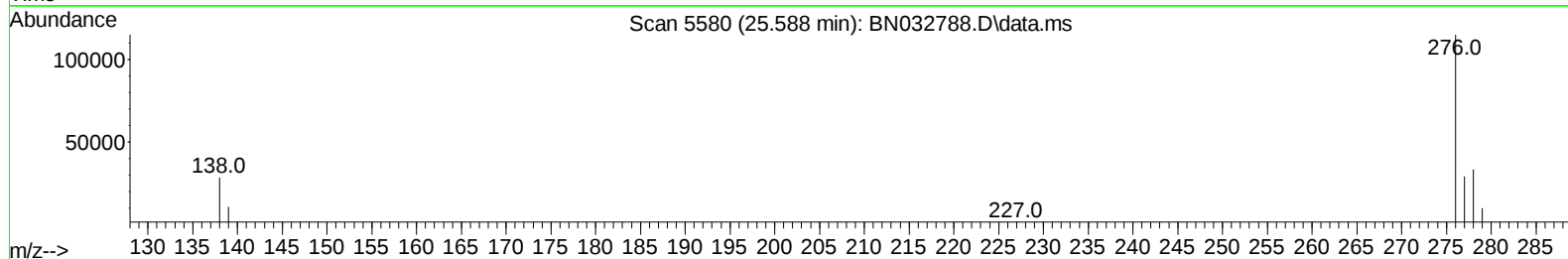
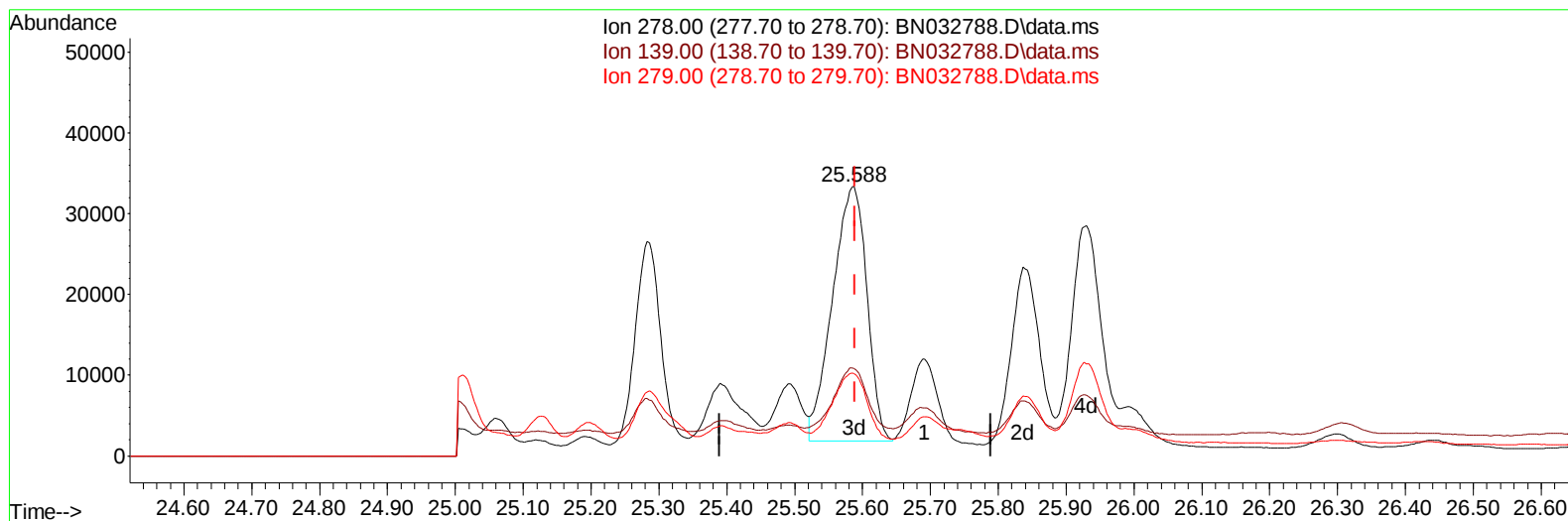
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032788.D
Acq On : 17 Jul 2024 20:15
Operator : MA/JU
Sample : P3100-24DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 23:32:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032788.D\data.ms

(28) Dibenzo(a,h)anthracene

25.588min (-0.001) 1.67 ng/u1 m

response 110576

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	32.42#
279.00	29.60	30.66
0.00	0.00	0.00

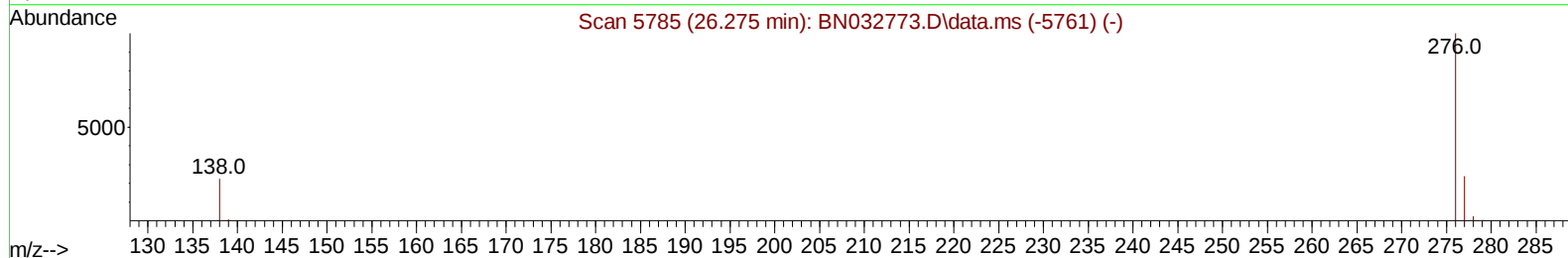
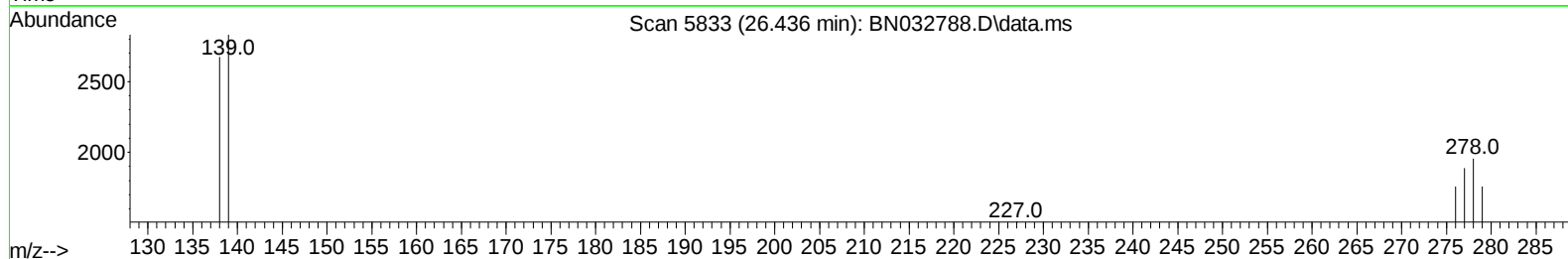
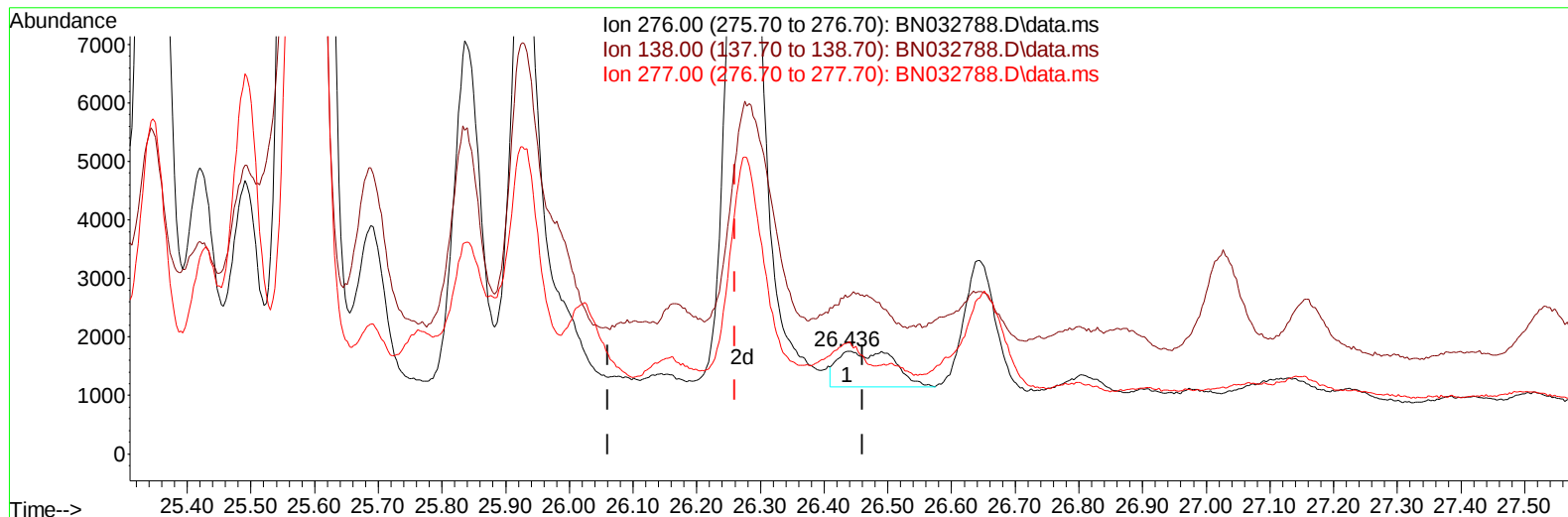
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032788.D
Acq On : 17 Jul 2024 20:15
Operator : MA/JU
Sample : P3100-24DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 23:32:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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Reviewed By :Yogesh Patel 07/18/2024
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TIC: BN032788.D\data.ms

(29) Benzo(g,h,i)perylene

26.436min (+ 0.176) 0.05 ng/u1

response 3760

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	152.22#
277.00	25.80	107.51#
0.00	0.00	0.00

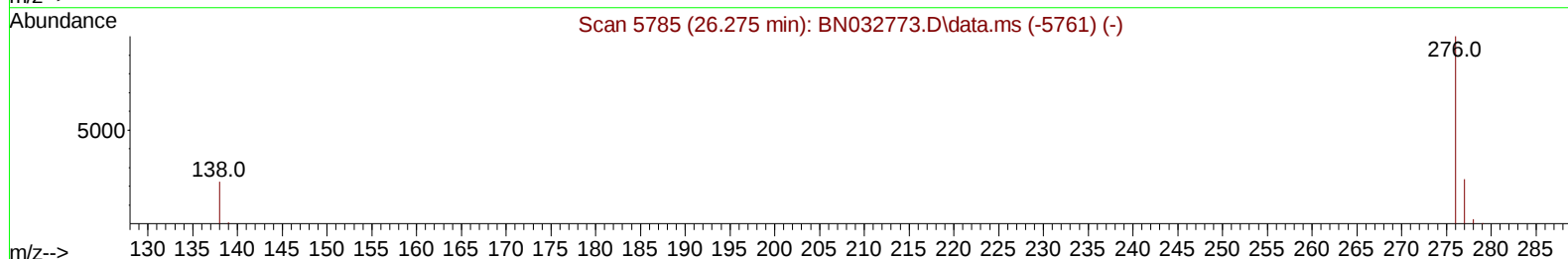
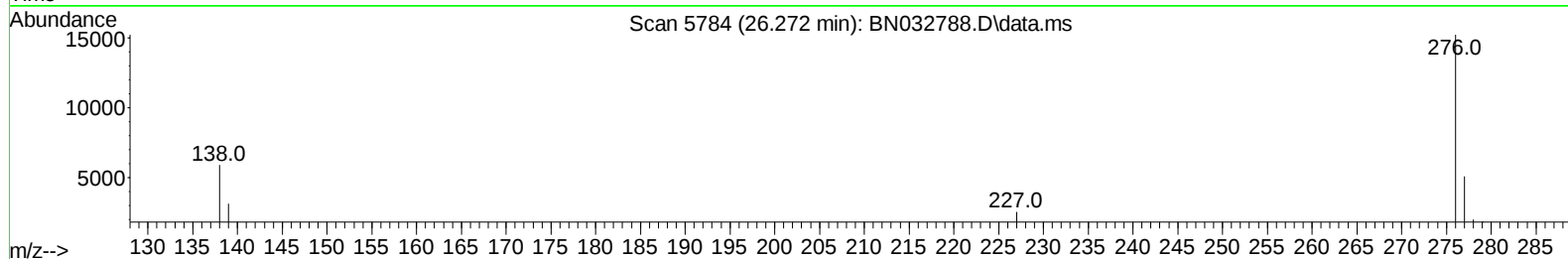
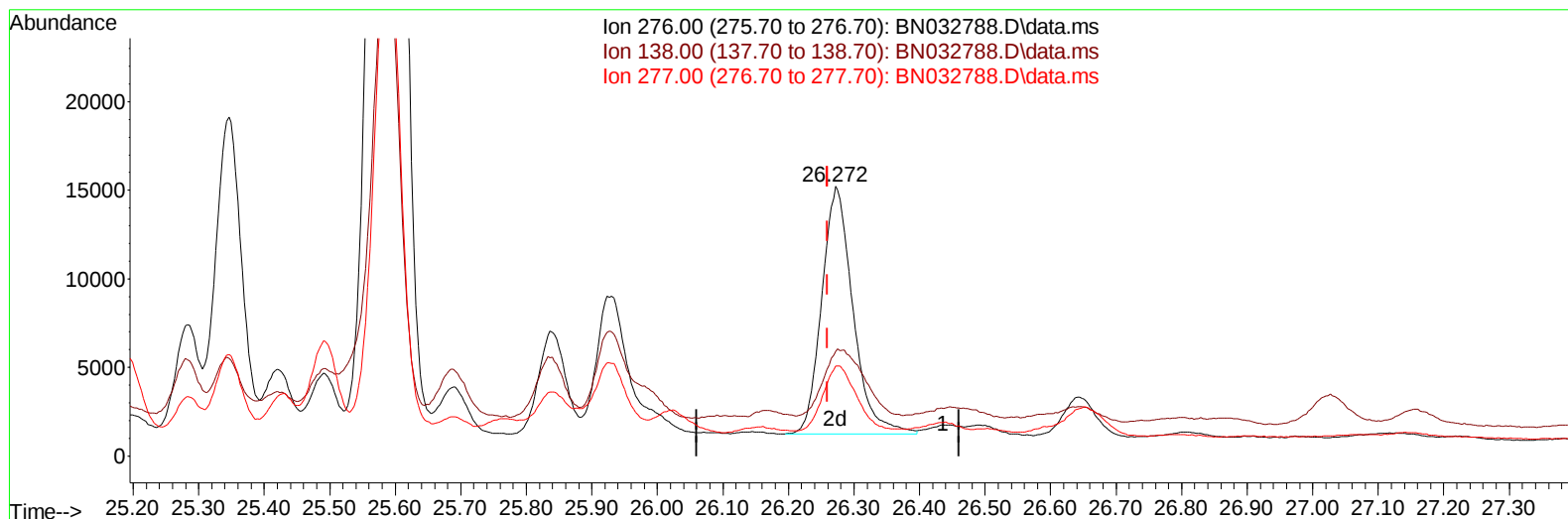
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032788.D
 Acq On : 17 Jul 2024 20:15
 Operator : MA/JU
 Sample : P3100-24DL 5X
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D52DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 23:32:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 17 02:35:25 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024



TIC: BN032788.D\data.ms

(29) Benzo(g,h,i)perylene

26.272min (+ 0.012) 0.65 ng/ul m

response 46507

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	38.69#
277.00	25.80	33.28#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032788.D
 Acq On : 17 Jul 2024 20:15
 Operator : MA/JU
 Sample : P3100-24DL 5X
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D52DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 17 23:32:52 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	6336	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.309	136	17504	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.192	164	8951	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.951	188	16319m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.169	240	14516m	0.400	ng/ul	0.00
23) Perylene-d12	23.370	264	20632m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	6706	0.881	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.915	152	1714	0.065	ng/ul	-0.02
18) Fluoranthene-d10	18.993	212	3169m	0.067	ng/ul	-0.01
Target Compounds						
						Qvalue
5) Naphthalene	10.364	128	10141	0.216	ng/ul	99
7) 2-Methylnaphthalene	11.986	142	4100	0.140	ng/ul	96
8) 1-Methylnaphthalene	12.212	142	3164	0.104	ng/ul	98
10) Acenaphthylene	13.914	152	34162	0.945	ng/ul	100
11) Acenaphthene	14.256	153	11000	0.368	ng/ul	98
12) Fluorene	15.251	166	13366	0.391	ng/ul	98
14) Pentachlorophenol	16.626	266	245m	0.086	ng/ul	
15) Phenanthrene	16.994	178	332427m	7.480	ng/ul	
16) Anthracene	17.086	178	66943m	1.844	ng/ul	
19) Fluoranthene	19.025	202	946849m	16.043	ng/ul	
20) Pyrene	19.393	202	683986m	11.196	ng/ul	
21) Benzo(a)anthracene	21.155	228	428934m	9.283	ng/ul	
22) Chrysene	21.204	228	566120m	8.469	ng/ul	
24) Benzo(b)fluoranthene	22.712	252	842317m	11.571	ng/ul	
25) Benzo(k)fluoranthene	22.750	252	313099m	3.529	ng/ul	
26) Benzo(a)pyrene	23.273	252	282177m	4.479	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.588	276	316384m	3.709	ng/ul	
28) Dibenzo(a,h)anthracene	25.588	278	110576m	1.672	ng/ul	
29) Benzo(g,h,i)perylene	26.272	276	46507m	0.652	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032788.D
Acq On : 17 Jul 2024 20:15
Operator : MA/JU
Sample : P3100-24DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D52DL

Manual IntegrationsAPPROVED

Quant Time: Jul 17 23:32:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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QLast Update : Wed Jul 17 02:35:25 2024
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