

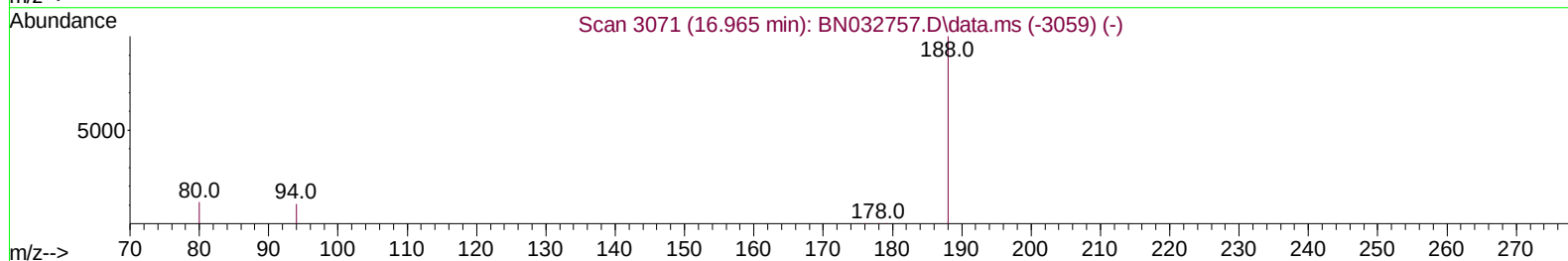
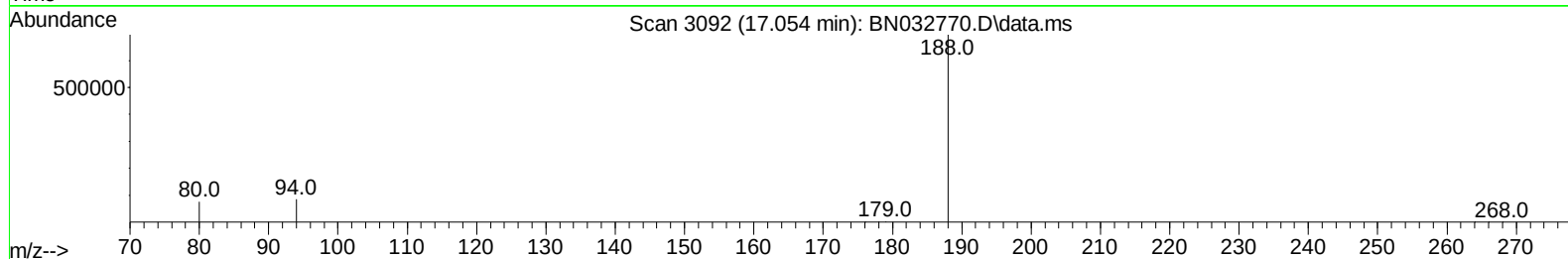
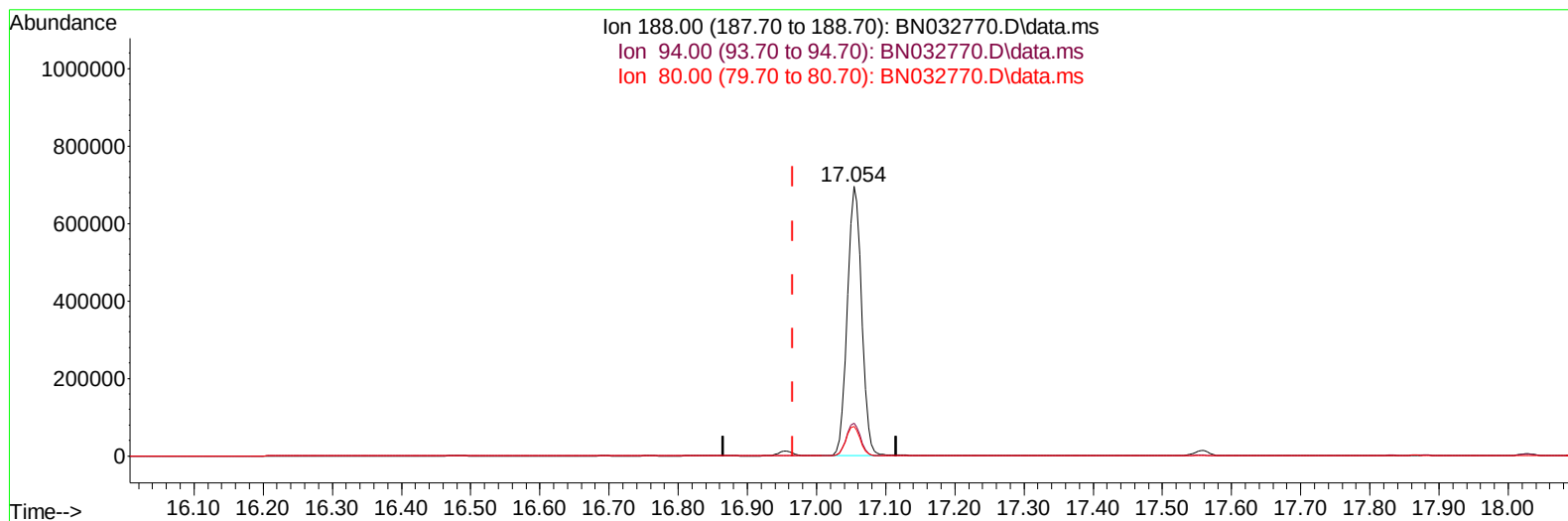
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032770.D
Acq On : 17 Jul 2024 09:23
Operator : MA/JU
Sample : P3100-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D08

Manual IntegrationsAPPROVED

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

Quant Time: Jul 17 11:04:31 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: BN032770.D\data.ms

(13) Phenanthrene-d10 (I)

17.054min (+ 0.088) 0.40 ng/u1

response 997404

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	12.23
80.00	12.00	10.97
0.00	0.00	0.00

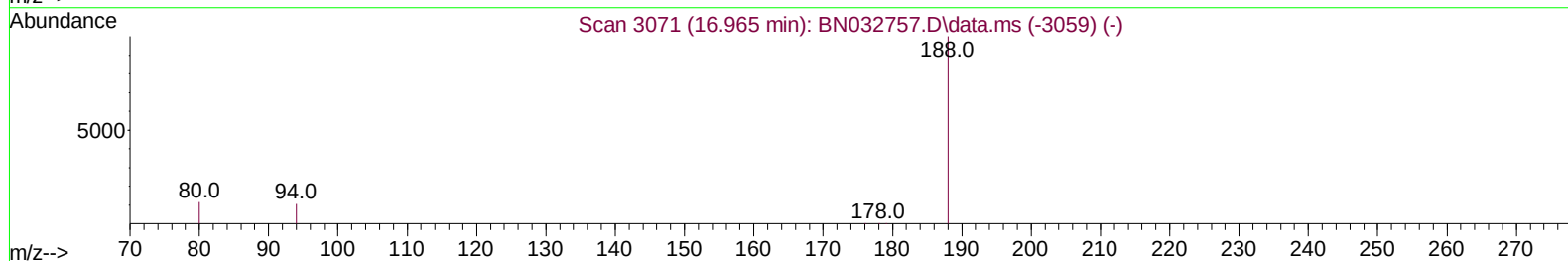
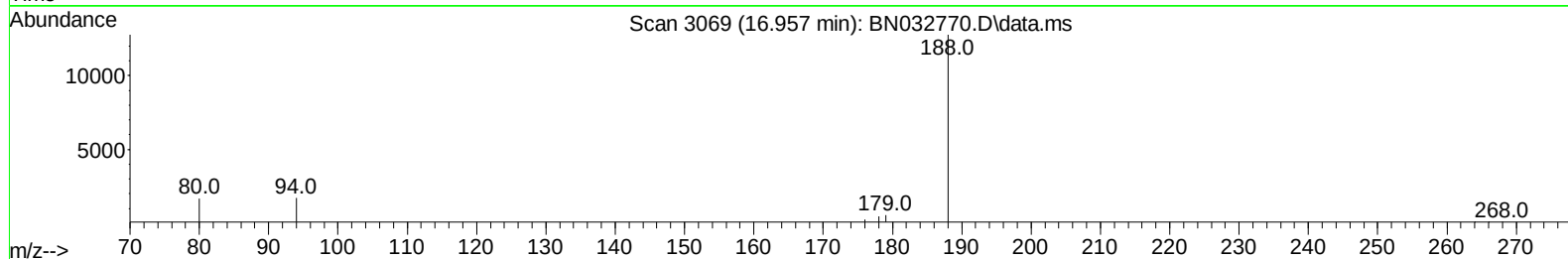
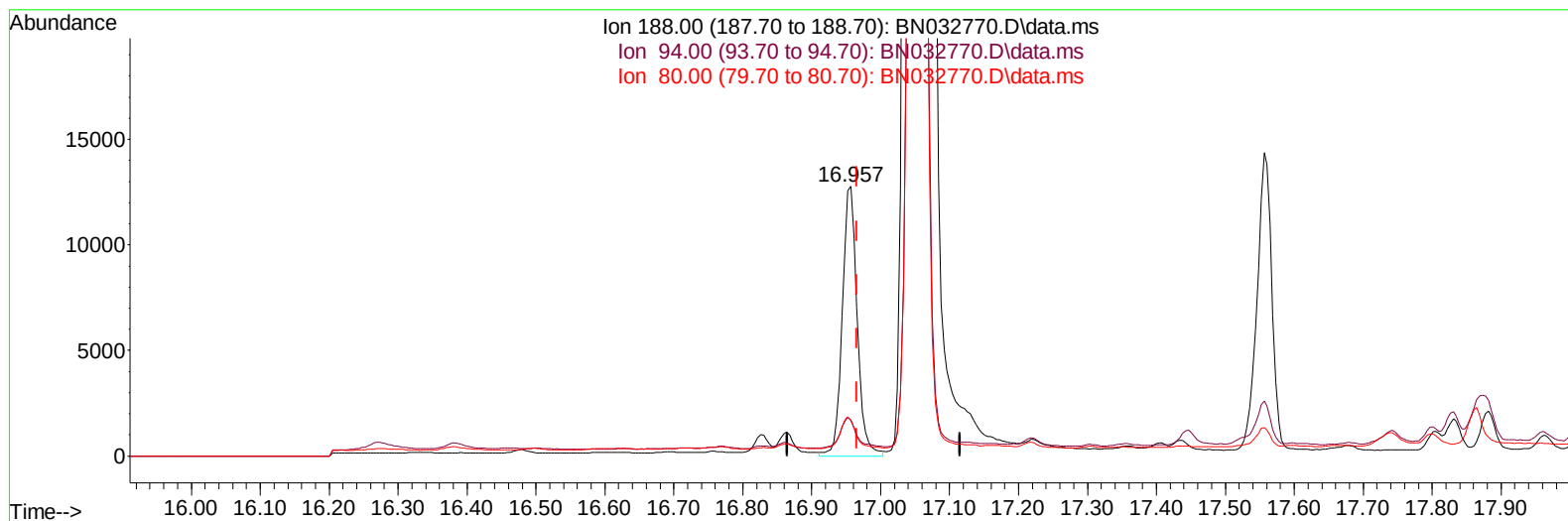
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032770.D
Acq On : 17 Jul 2024 09:23
Operator : MA/JU
Sample : P3100-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D08

Manual IntegrationsAPPROVED

Quant Time: Jul 17 11:04:31 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: BN032770.D\data.ms

(13) Phenanthrene-d10 (I)

16.957min (-0.009) 0.40 ng/ul m

response 19118

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	13.26#
80.00	12.00	13.14
0.00	0.00	0.00

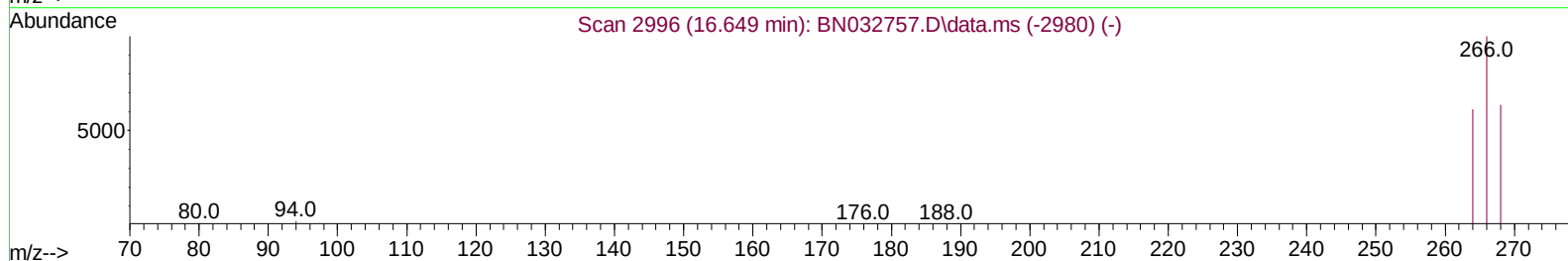
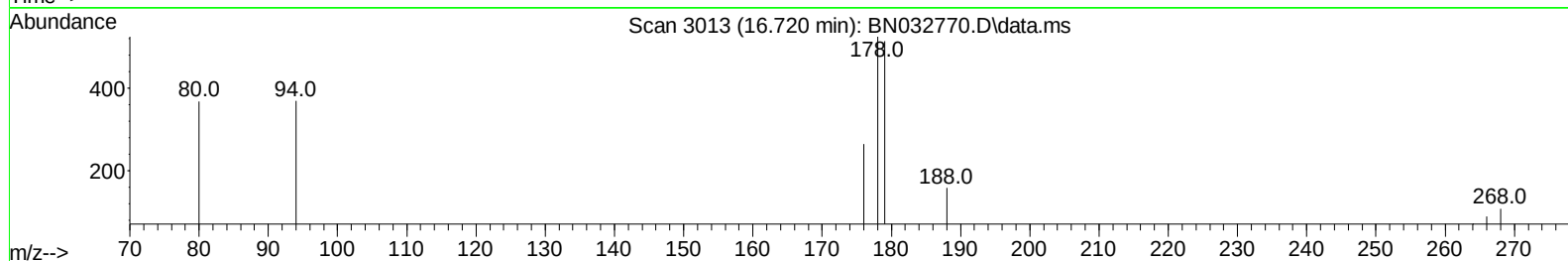
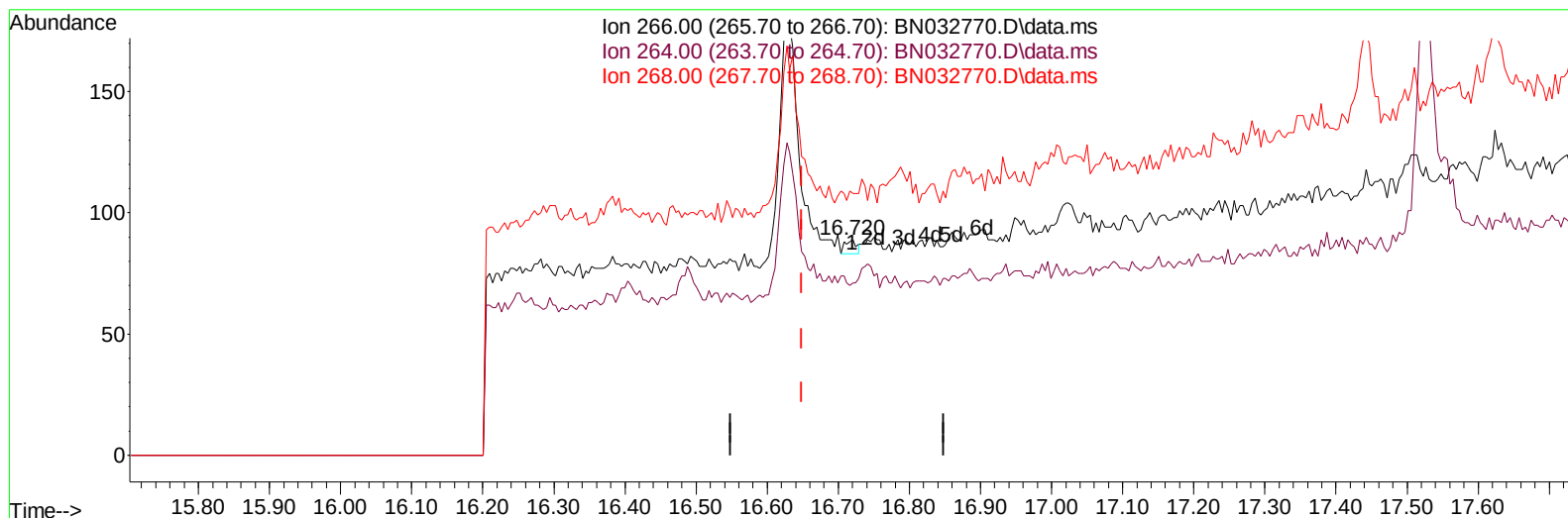
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032770.D
Acq On : 17 Jul 2024 09:23
Operator : MA/JU
Sample : P3100-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D08

Manual IntegrationsAPPROVED

Quant Time: Jul 17 11:04:31 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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Reviewed By :Yogesh Patel 07/18/2024
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TIC: BN032770.D\data.ms

(14) Pentachlorophenol

16.720min (+ 0.072) 0.00 ng/u1

response 7

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

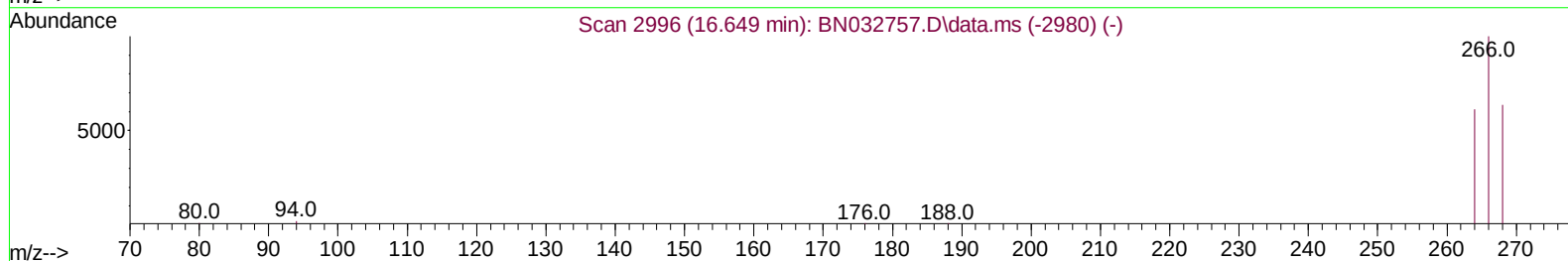
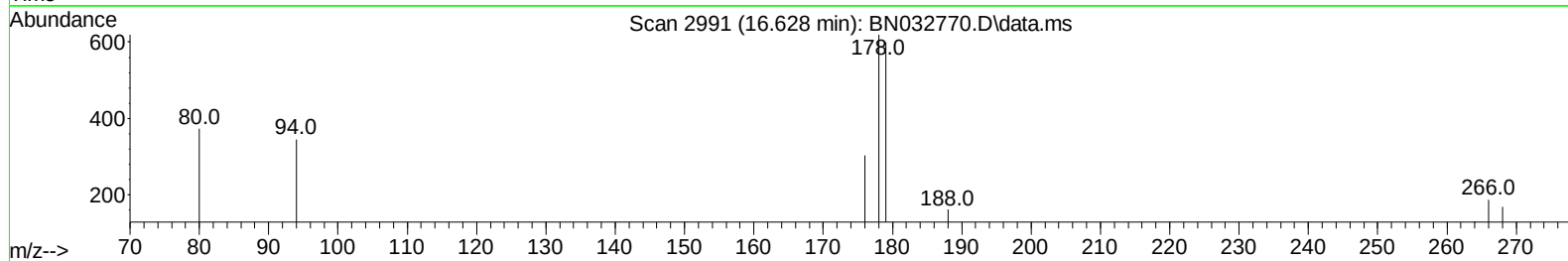
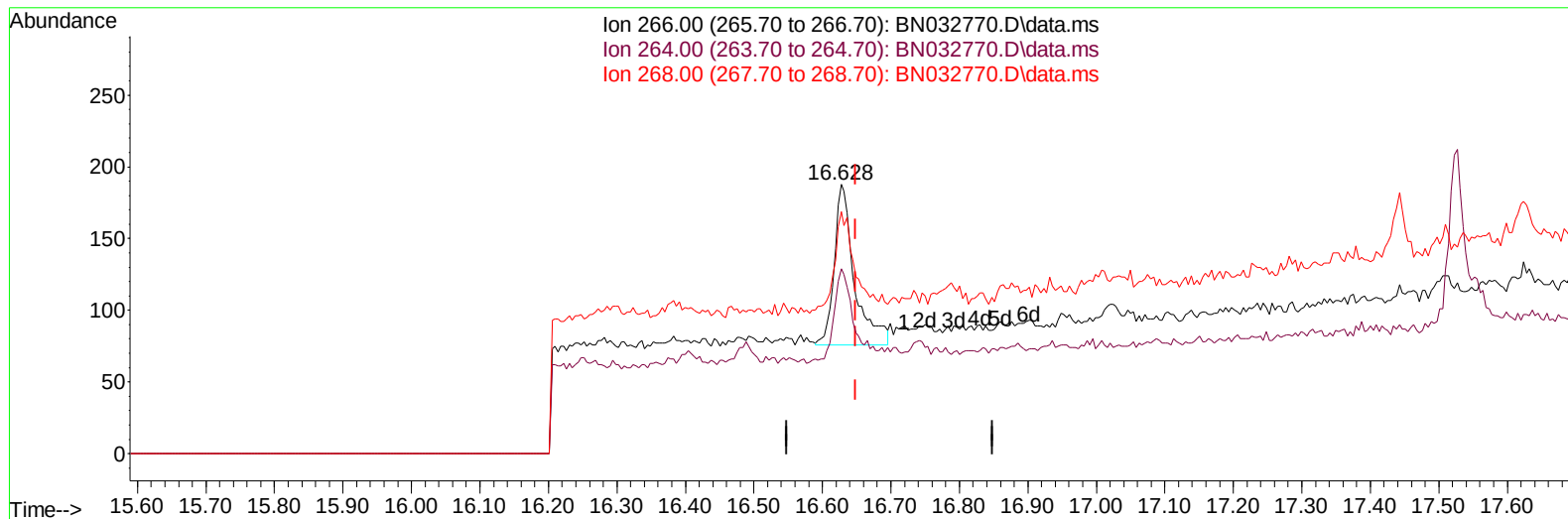
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032770.D
Acq On : 17 Jul 2024 09:23
Operator : MA/JU
Sample : P3100-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D08

Manual IntegrationsAPPROVED

Quant Time: Jul 17 11:04:31 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
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TIC: BN032770.D\data.ms

(14) Pentachlorophenol

16.628min (-0.021) 0.07 ng/ul m

response 227

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	61.80	0.00#
268.00	64.50	3.08#
0.00	0.00	0.00

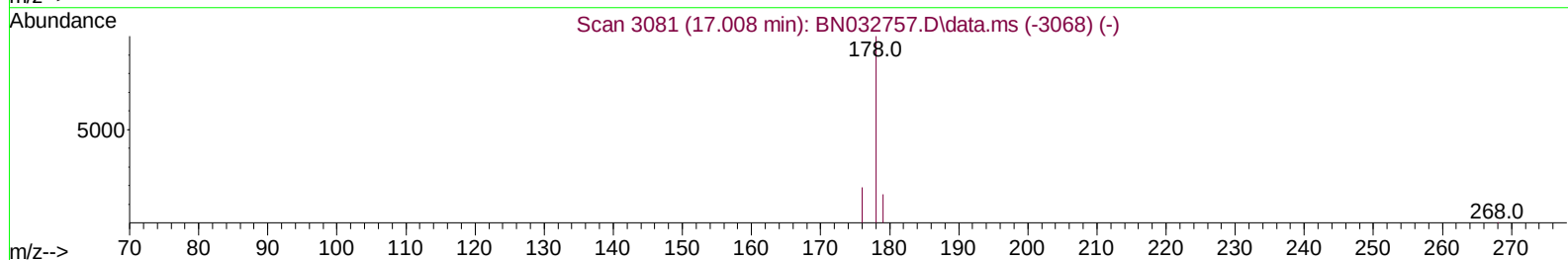
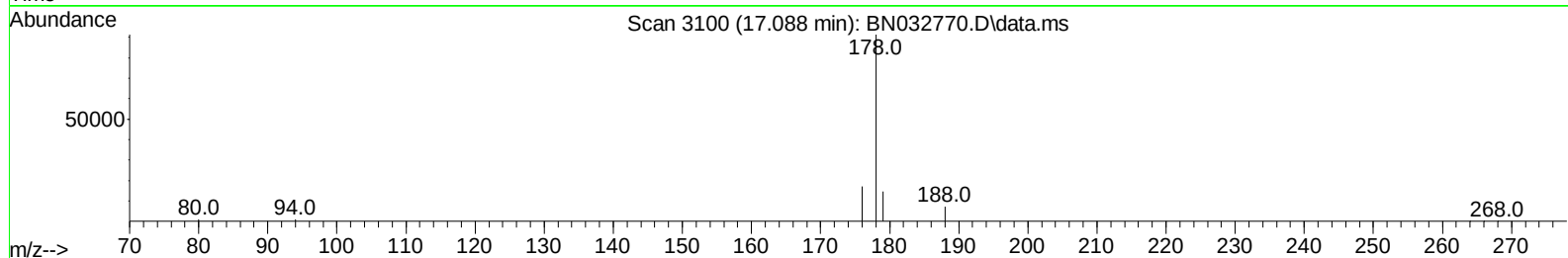
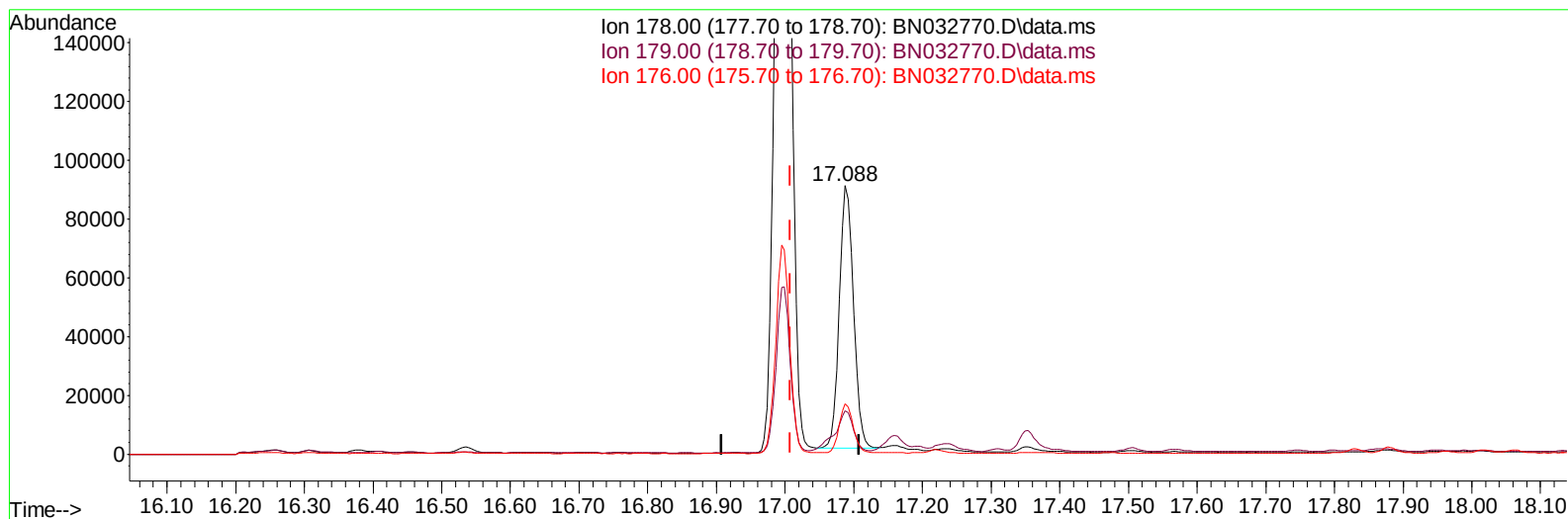
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032770.D
Acq On : 17 Jul 2024 09:23
Operator : MA/JU
Sample : P3100-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D08

Manual IntegrationsAPPROVED

Quant Time: Jul 17 11:04:31 2024
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Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032770.D\data.ms

(15) Phenanthrene

17.088min (+ 0.080) 2.46 ng/ul

response 127850

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	16.12
176.00	19.50	18.72
0.00	0.00	0.00

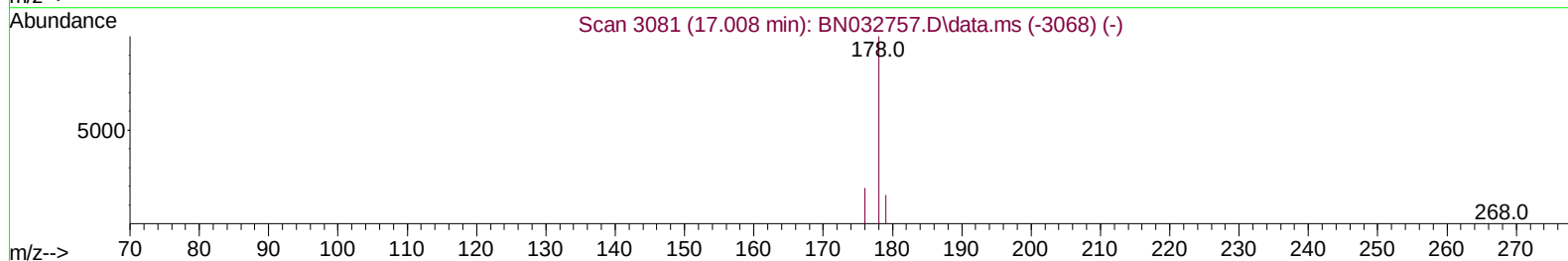
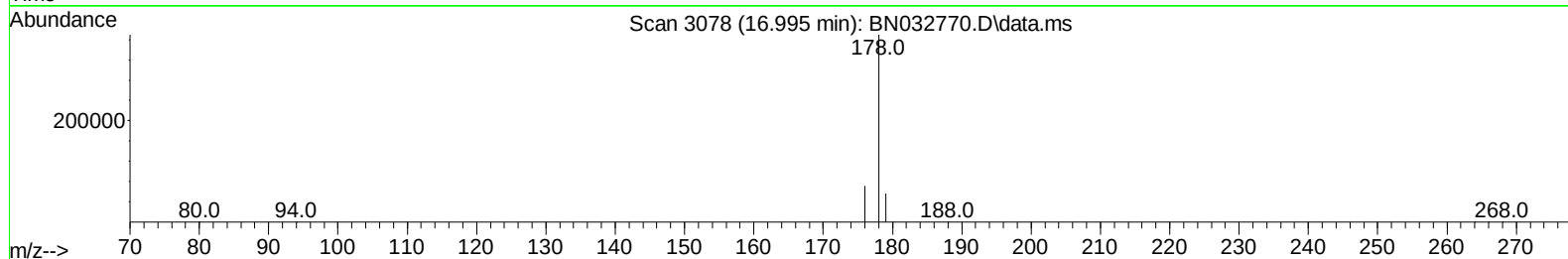
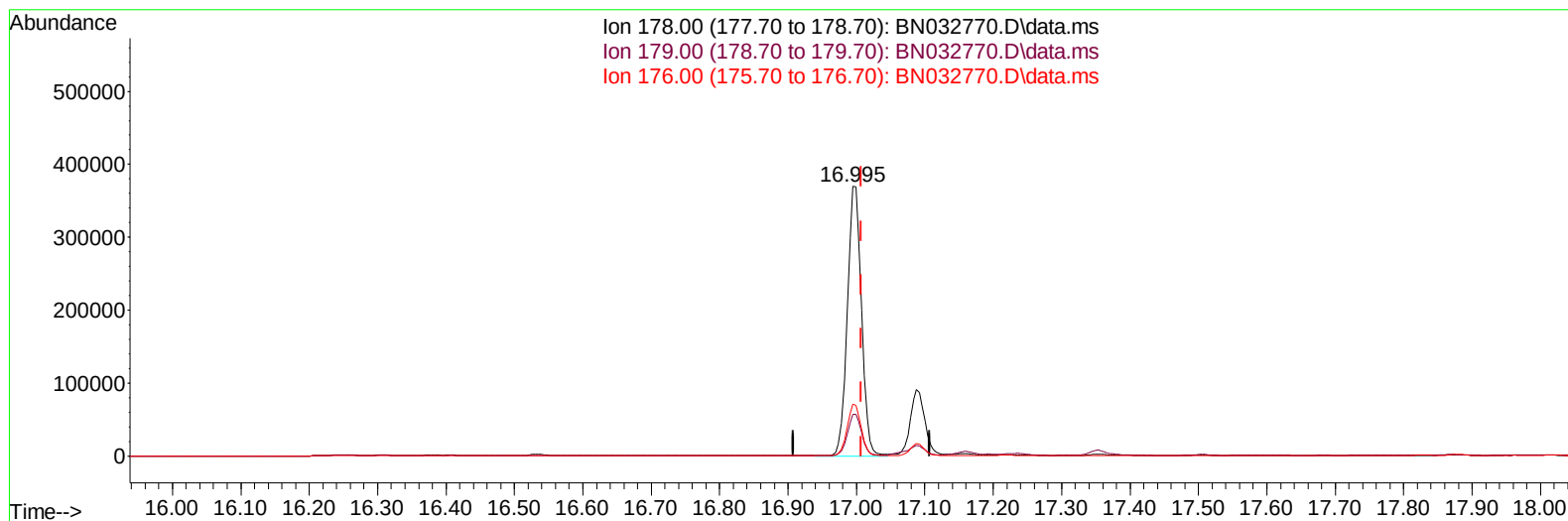
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032770.D
Acq On : 17 Jul 2024 09:23
Operator : MA/JU
Sample : P3100-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D08

Manual IntegrationsAPPROVED

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

Quant Time: Jul 17 11:04:31 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: BN032770.D\data.ms

(15) Phenanthrene

16.995min (-0.013) 10.27 ng/ul m

response 534639

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.36
176.00	19.50	19.25
0.00	0.00	0.00

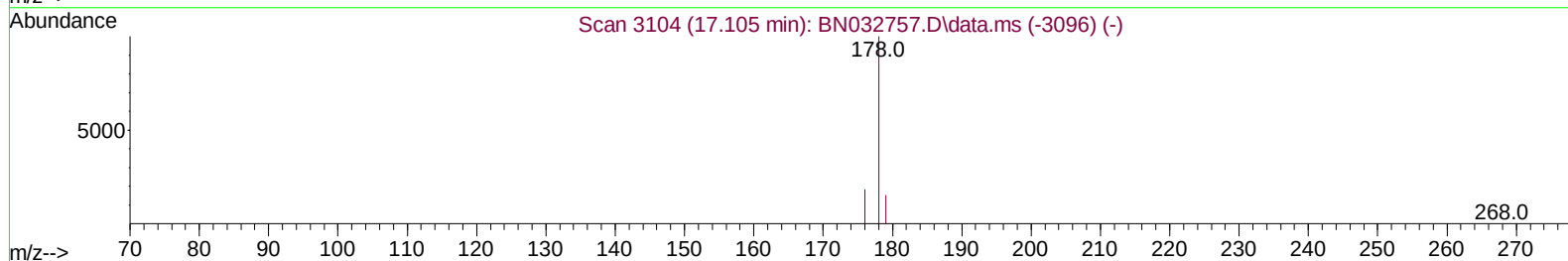
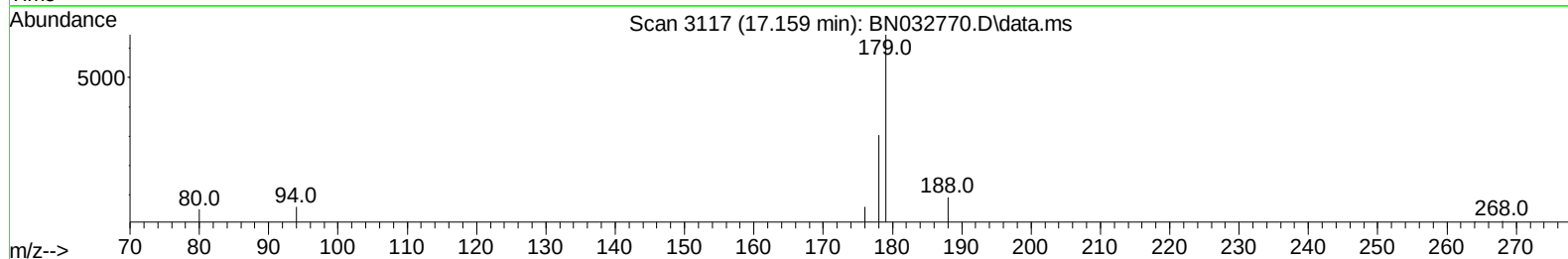
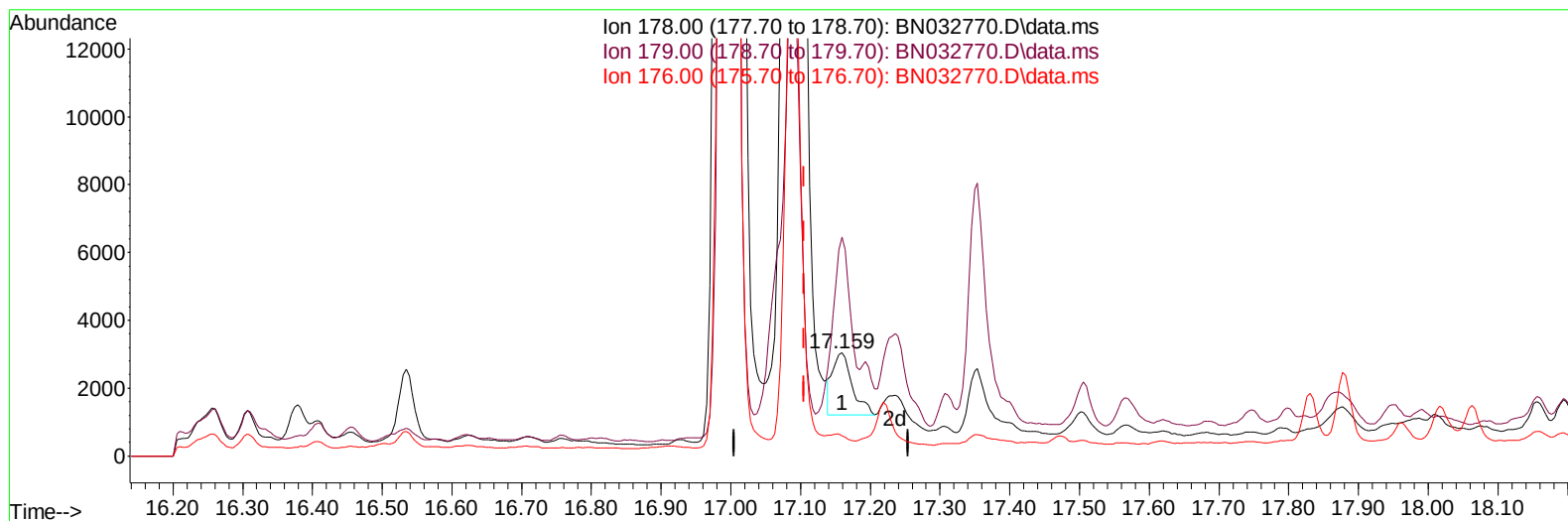
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032770.D
Acq On : 17 Jul 2024 09:23
Operator : MA/JU
Sample : P3100-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D08

Manual IntegrationsAPPROVED

Quant Time: Jul 17 11:04:31 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: BN032770.D\data.ms

(16) Anthracene

17.159min (+ 0.055) 0.08 ng/u1

response 3592

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	212.20#
176.00	19.20	19.50
0.00	0.00	0.00

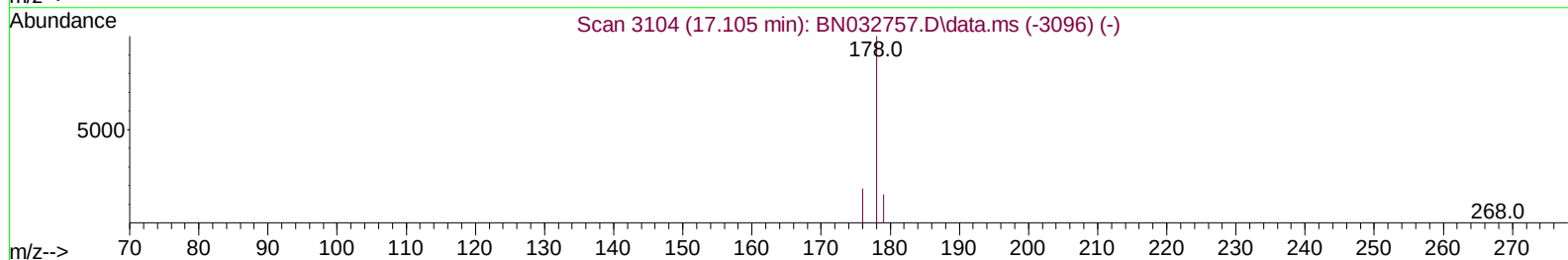
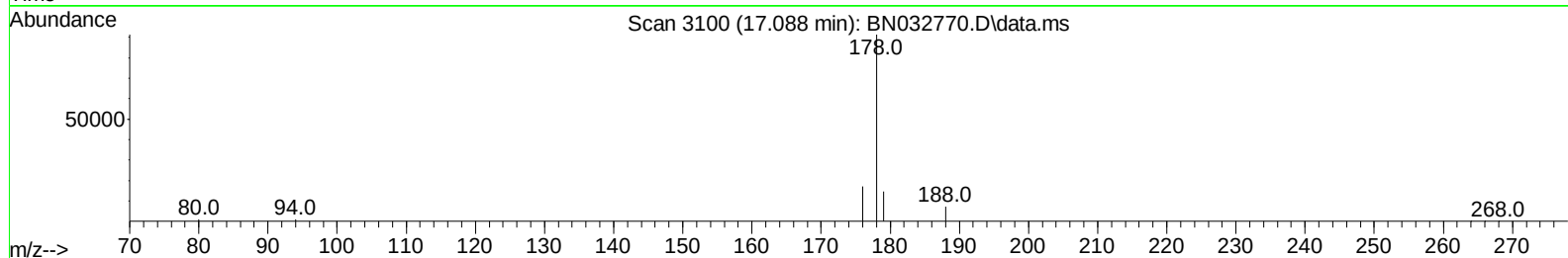
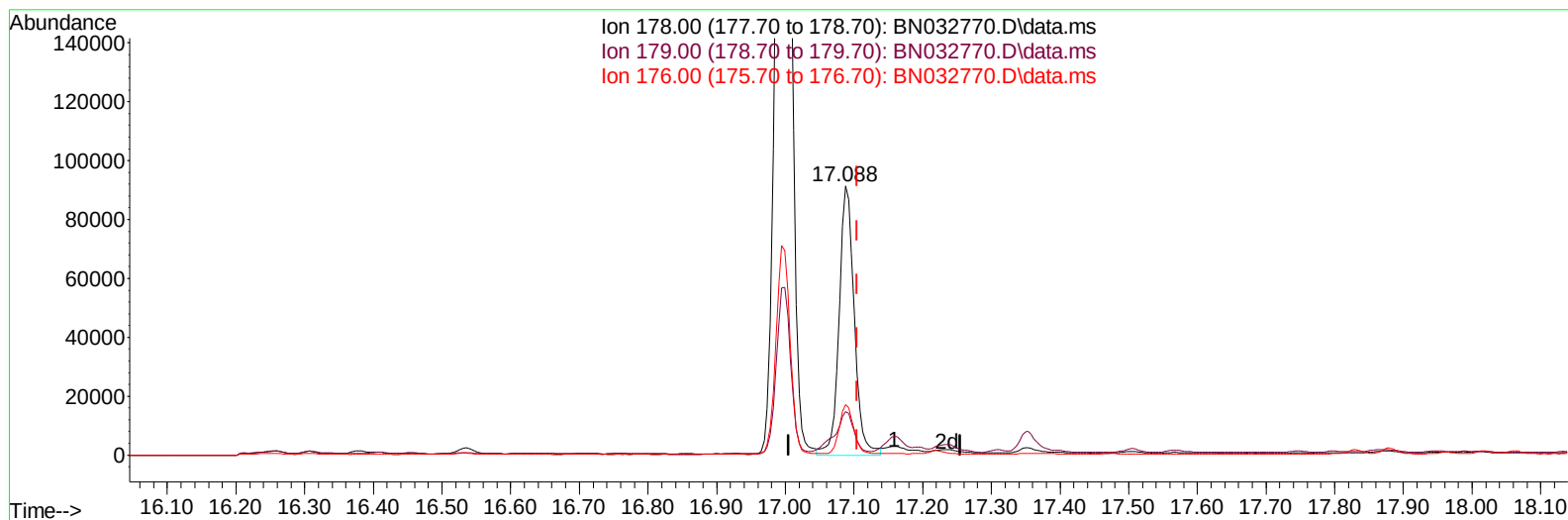
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032770.D
Acq On : 17 Jul 2024 09:23
Operator : MA/JU
Sample : P3100-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D08

Manual IntegrationsAPPROVED

Quant Time: Jul 17 11:04:31 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: BN032770.D\data.ms

(16) Anthracene

17.088min (-0.017) 3.28 ng/ul m

response 139693

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	16.12
176.00	19.20	18.72
0.00	0.00	0.00

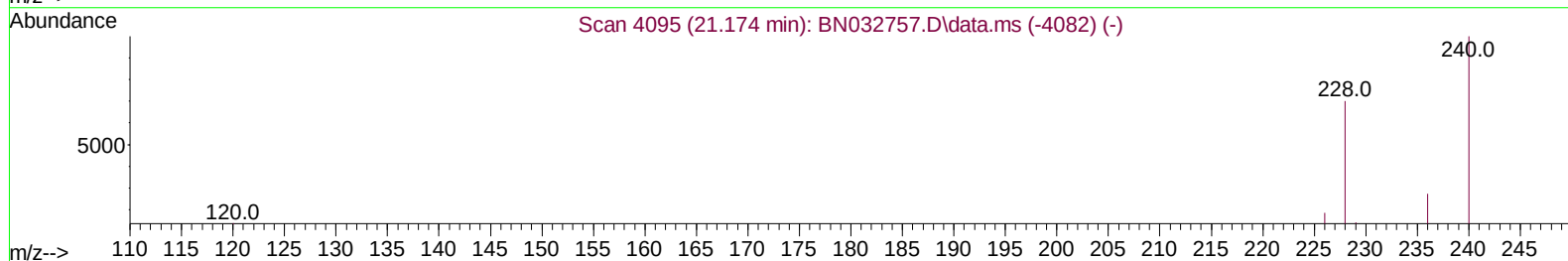
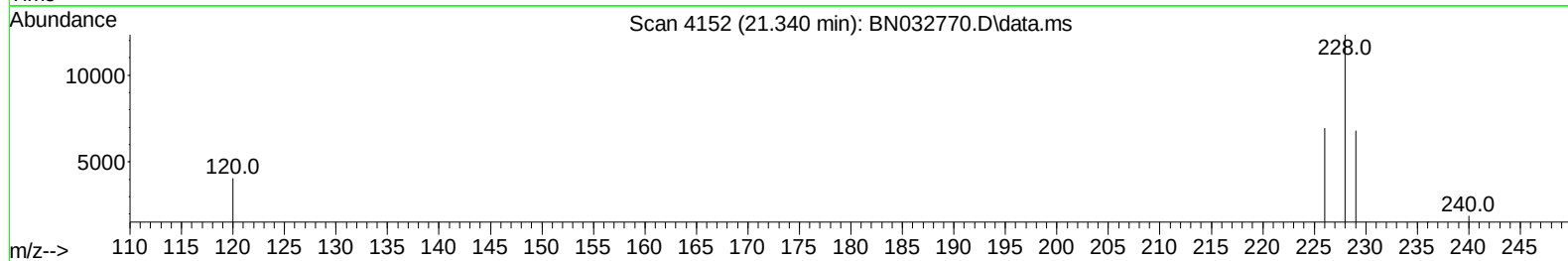
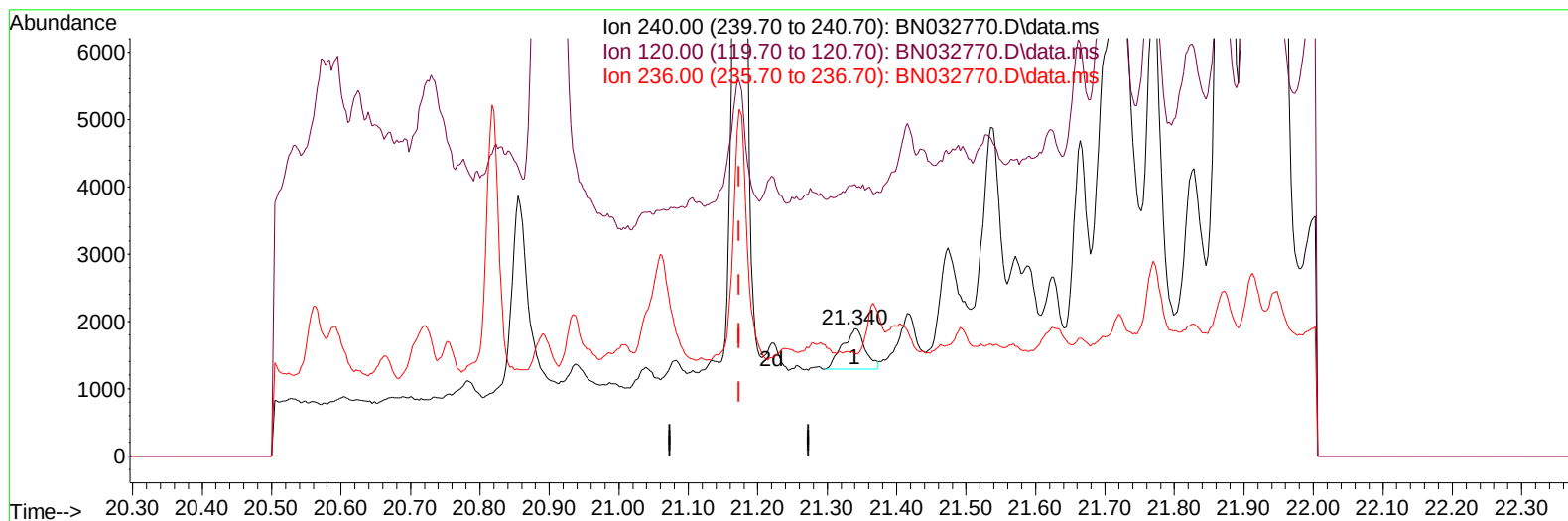
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032770.D
Acq On : 17 Jul 2024 09:23
Operator : MA/JU
Sample : P3100-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D08

Manual IntegrationsAPPROVED

Quant Time: Jul 17 11:04:31 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: BN032770.D\data.ms

(17) Chrysene-d12

21.340min (+ 0.166) 0.40 ng/u1

response 1355

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	213.48#
236.00	28.40	80.81#
0.00	0.00	0.00

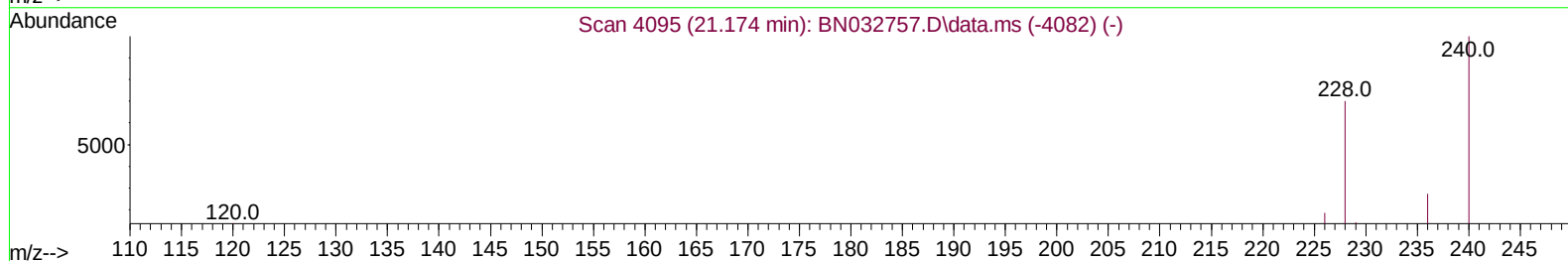
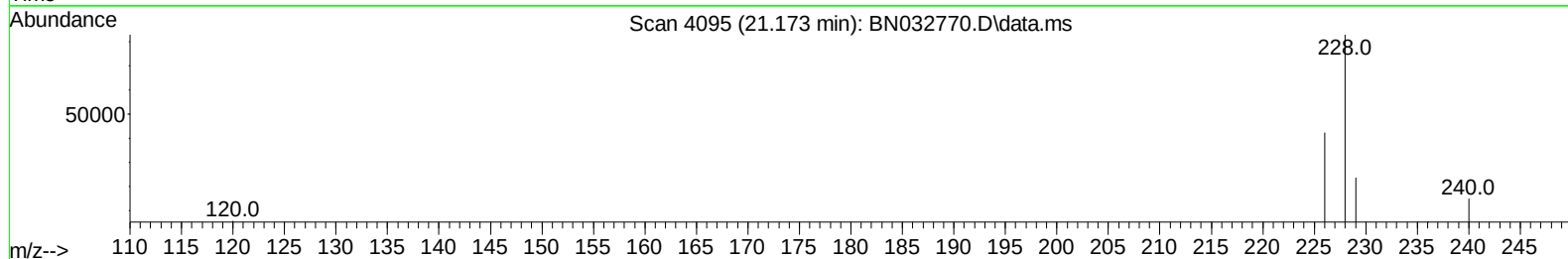
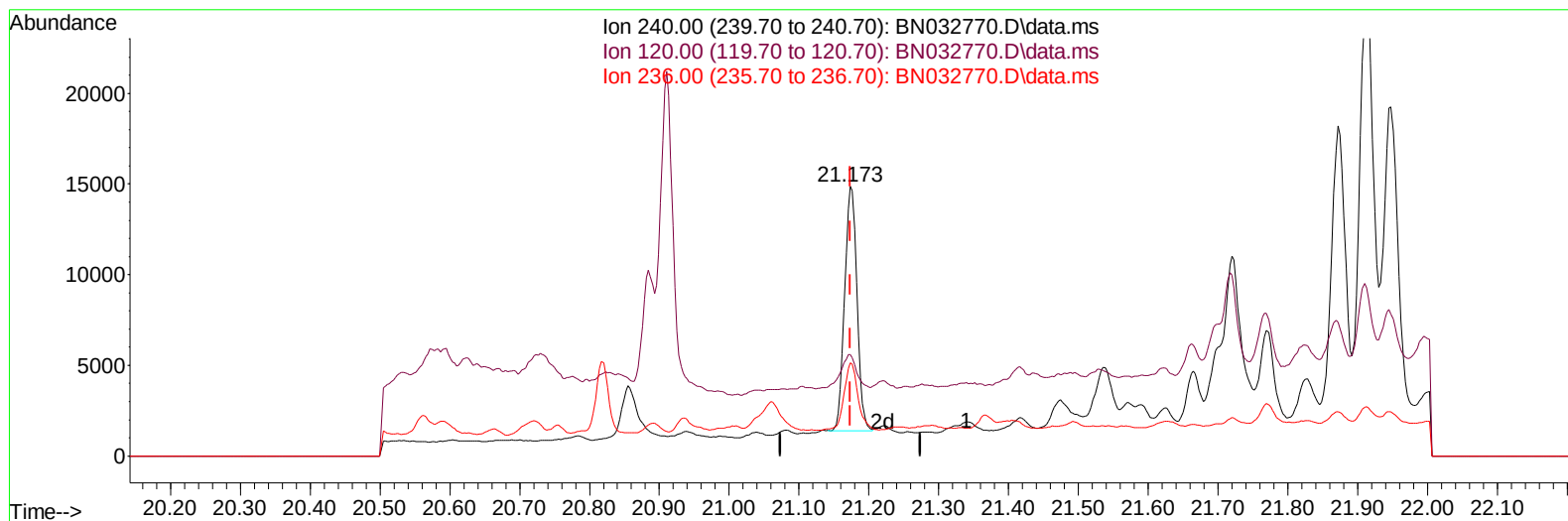
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032770.D
Acq On : 17 Jul 2024 09:23
Operator : MA/JU
Sample : P3100-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D08

Manual IntegrationsAPPROVED

Quant Time: Jul 17 11:04:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032770.D\data.ms

(17) Chrysene-d12

21.173min (-0.000) 0.40 ng/ul m

response 16527

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	37.54#
236.00	28.40	34.64#
0.00	0.00	0.00

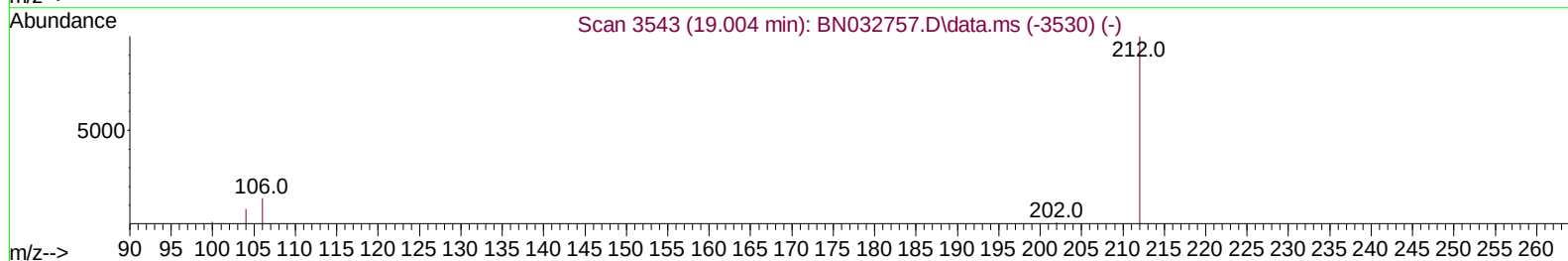
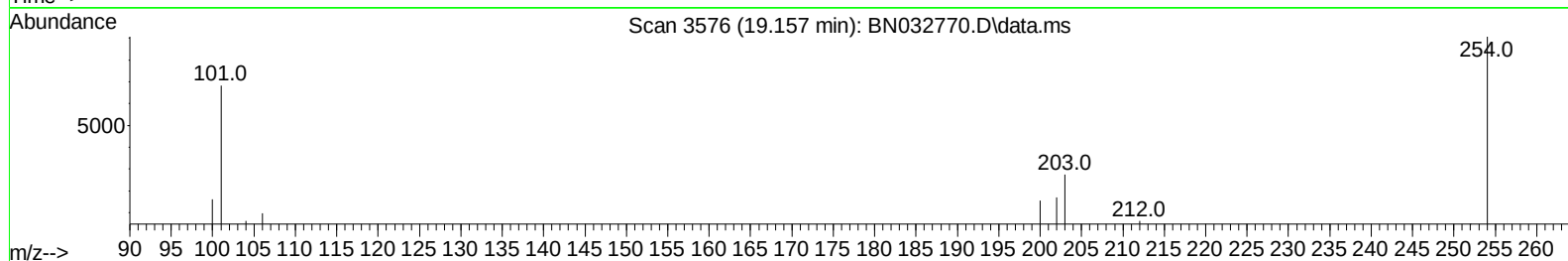
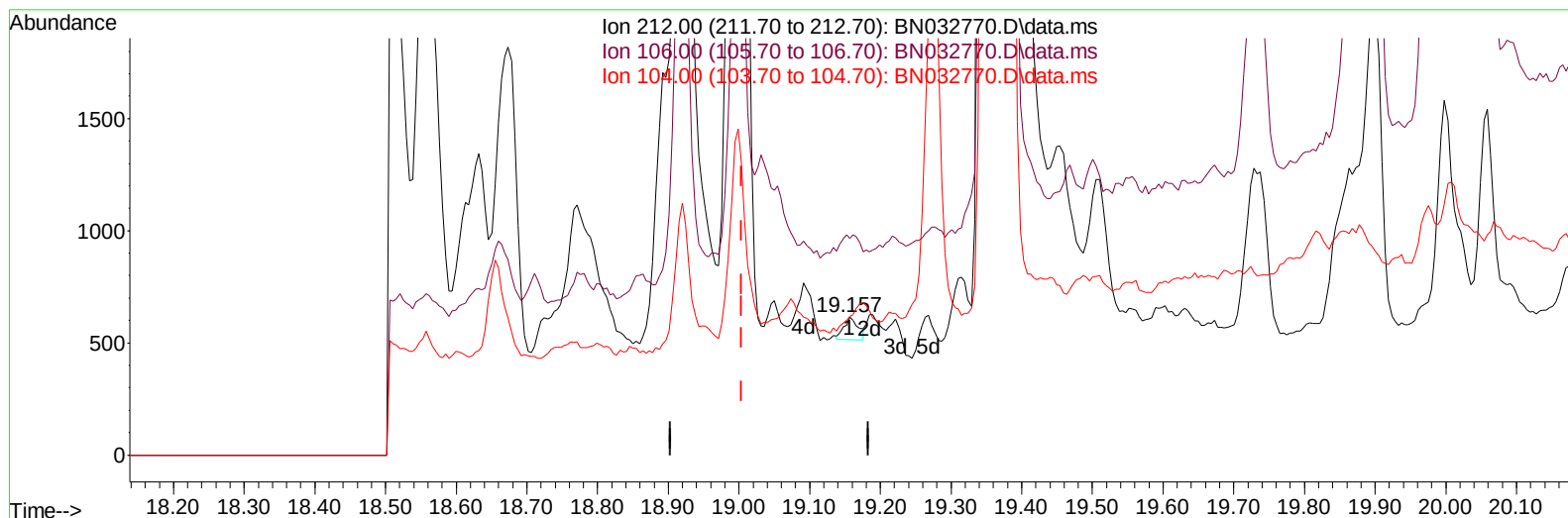
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032770.D
Acq On : 17 Jul 2024 09:23
Operator : MA/JU
Sample : P3100-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D08

Manual IntegrationsAPPROVED

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TIC: BN032770.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.157min (+ 0.153) 0.00 ng/u1

response 140

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	170.00#
104.00	9.00	0.00#
0.00	0.00	0.00

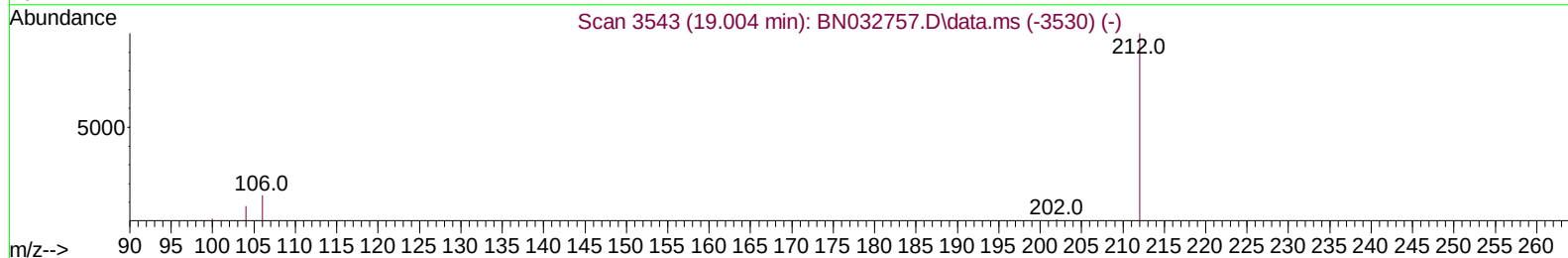
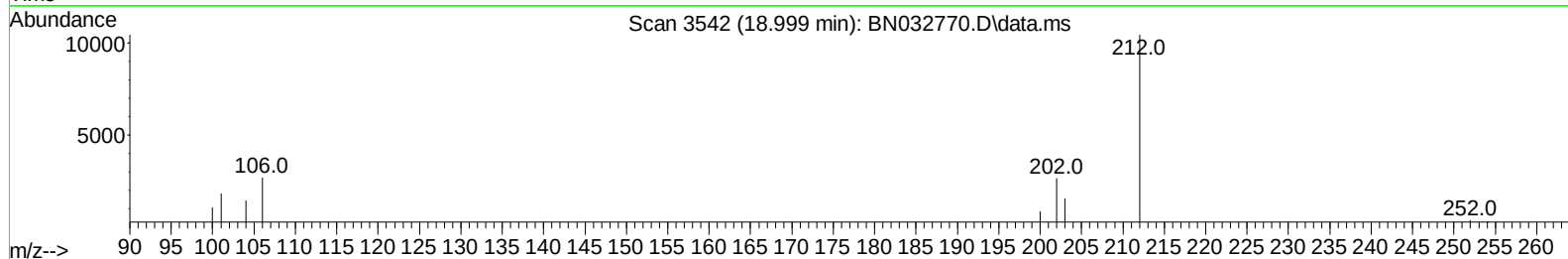
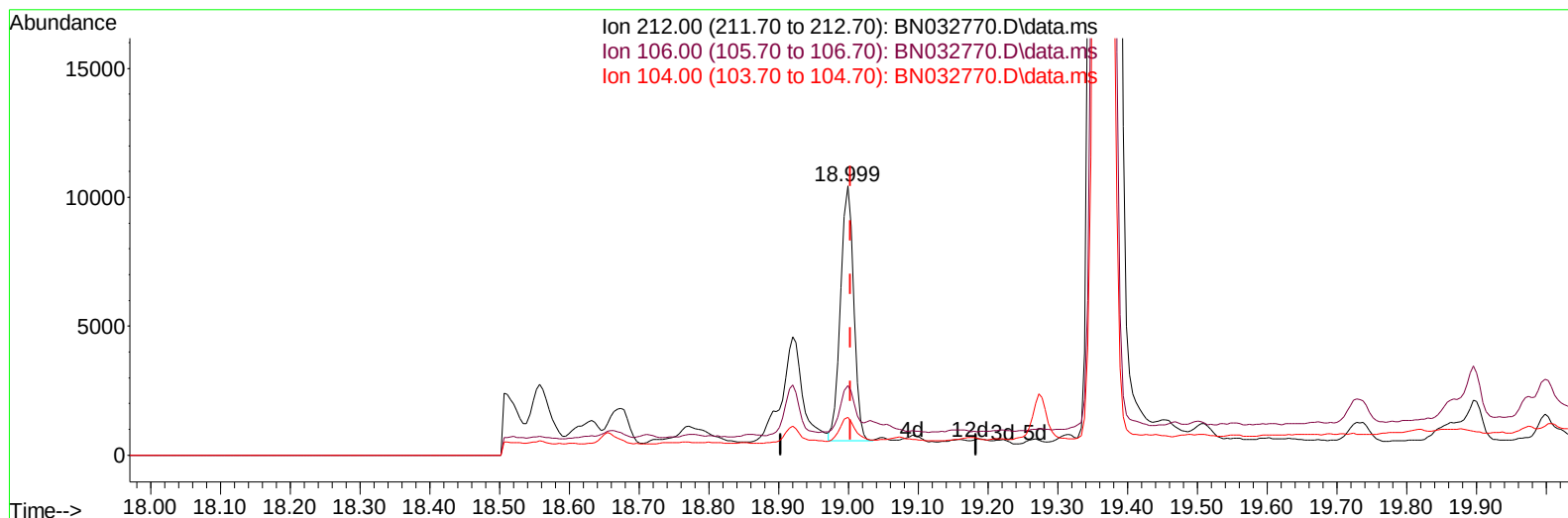
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032770.D
Acq On : 17 Jul 2024 09:23
Operator : MA/JU
Sample : P3100-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D08

Manual IntegrationsAPPROVED

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

Quant Time: Jul 17 11:04:31 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: BN032770.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.999min (-0.005) 0.24 ng/ul m

response 12815

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	1.86#
104.00	9.00	0.00#
0.00	0.00	0.00

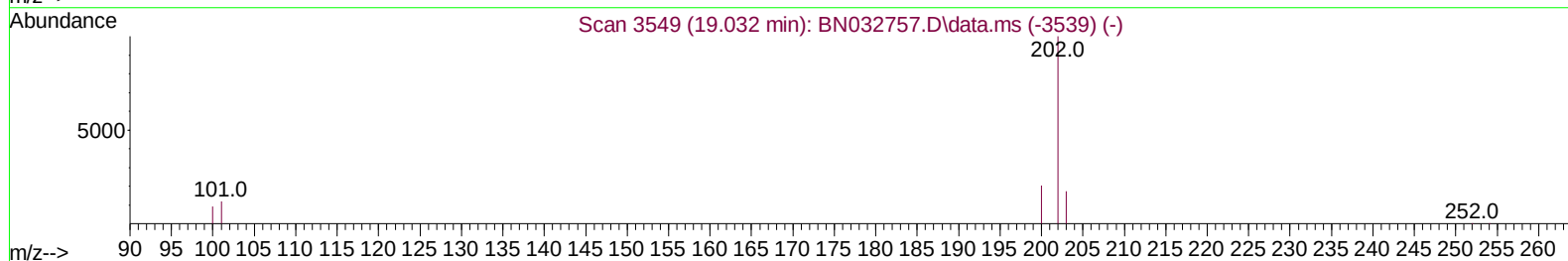
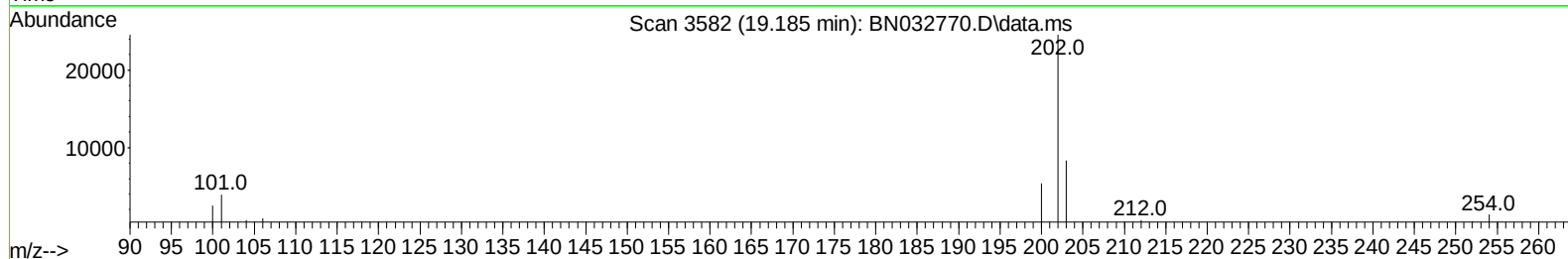
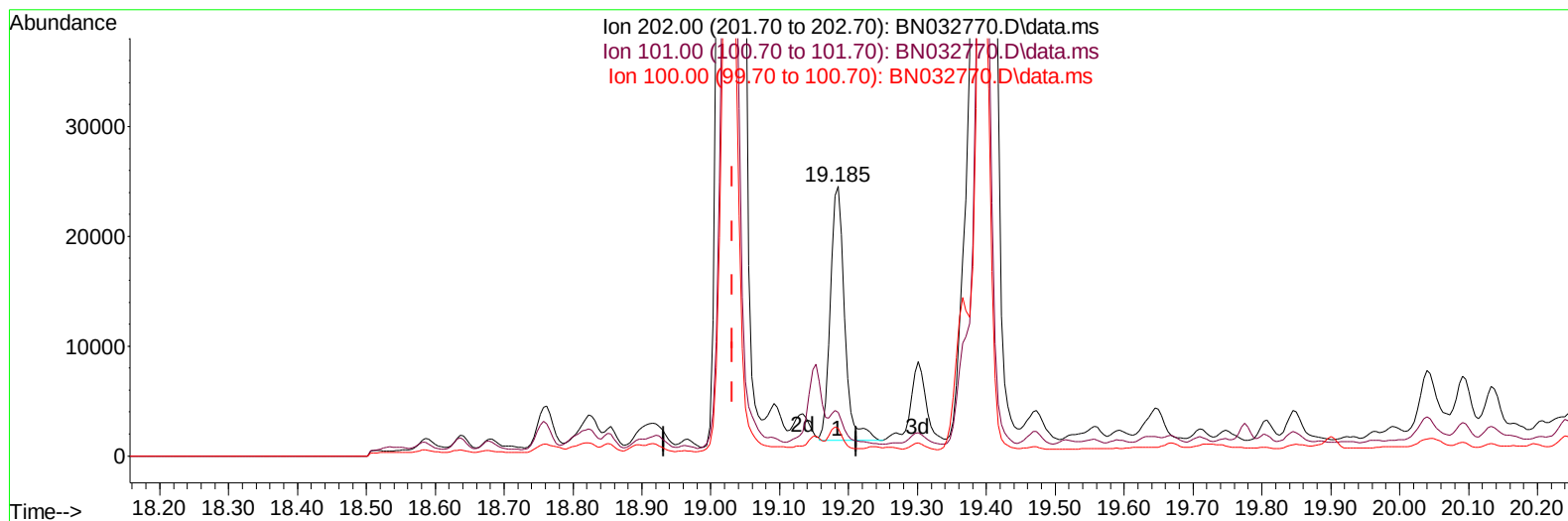
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032770.D
Acq On : 17 Jul 2024 09:23
Operator : MA/JU
Sample : P3100-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D08

Manual IntegrationsAPPROVED

Quant Time: Jul 17 11:04:31 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: BN032770.D\data.ms

(19) Fluoranthene (C)

19.185min (+ 0.153) 0.50 ng/u1

response 33366

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	16.10#
100.00	9.90	10.17
0.00	0.00	0.00

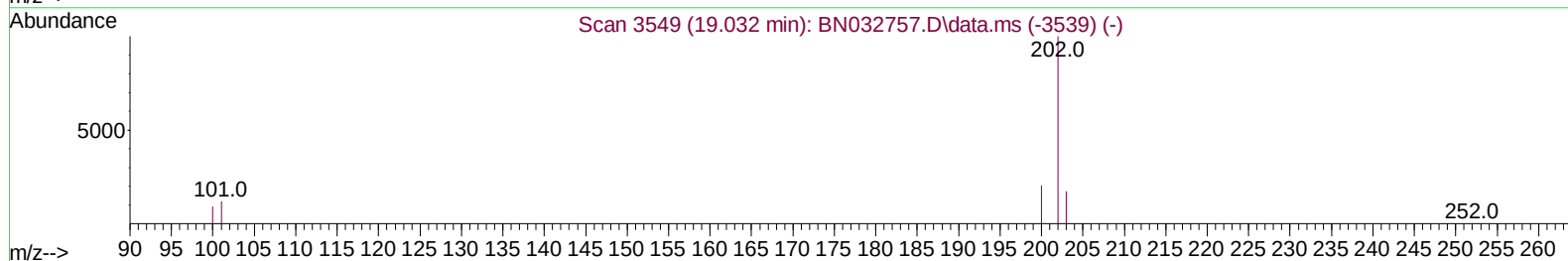
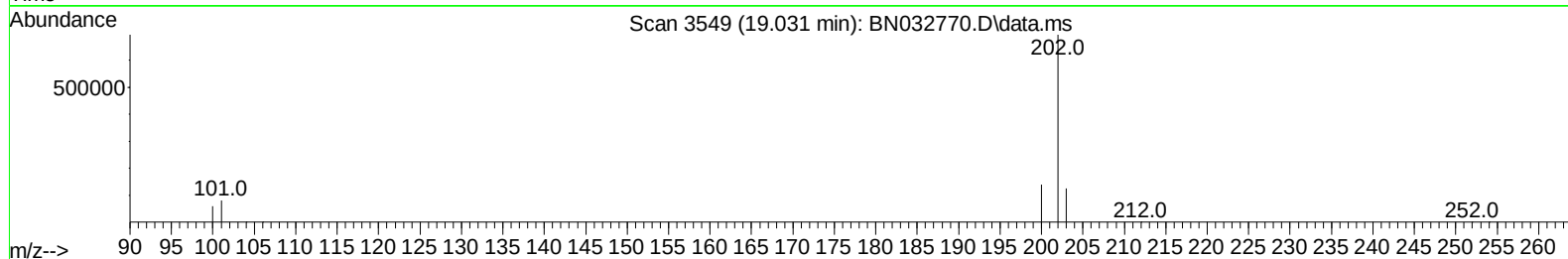
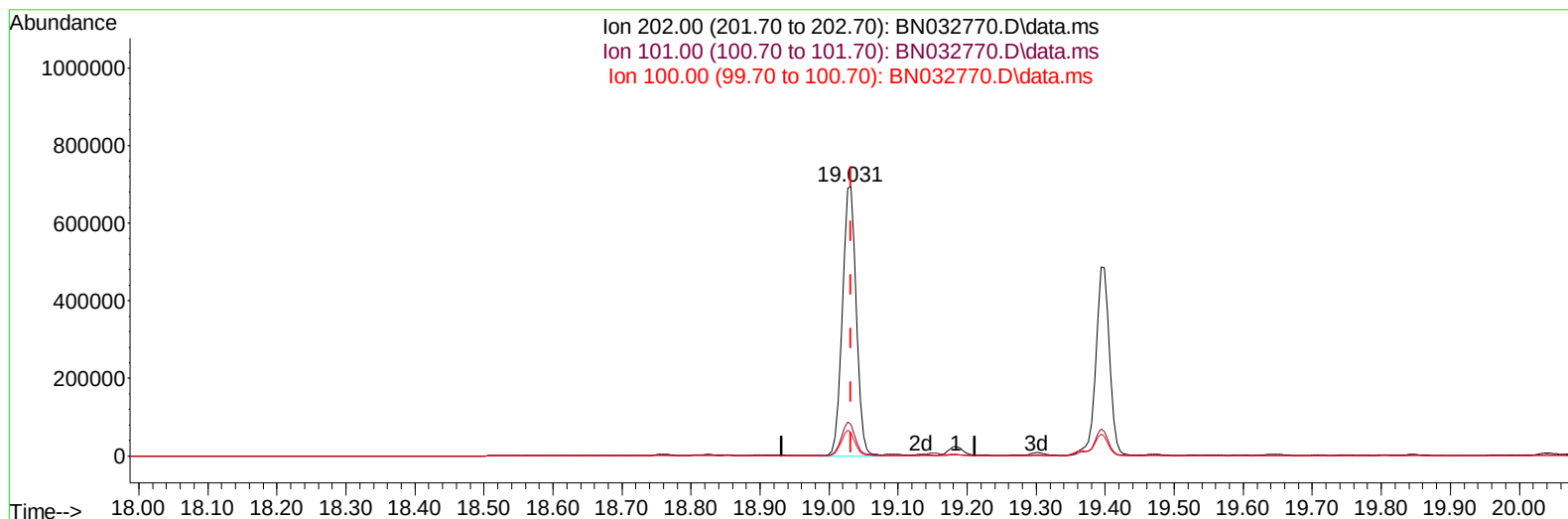
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032770.D
Acq On : 17 Jul 2024 09:23
Operator : MA/JU
Sample : P3100-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D08

Manual IntegrationsAPPROVED

Quant Time: Jul 17 11:04:31 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: BN032770.D\data.ms

(19) Fluoranthene (C)

19.031min (-0.000) 14.57 ng/ul m

response 979296

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	11.67
100.00	9.90	8.56
0.00	0.00	0.00

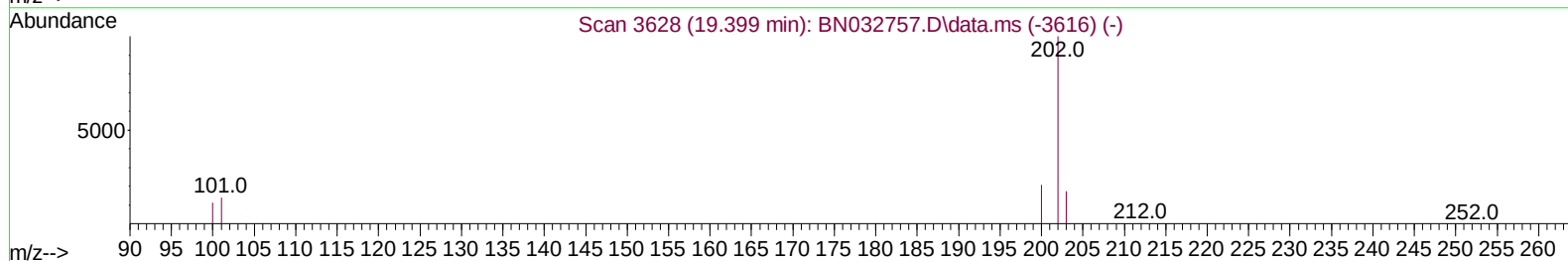
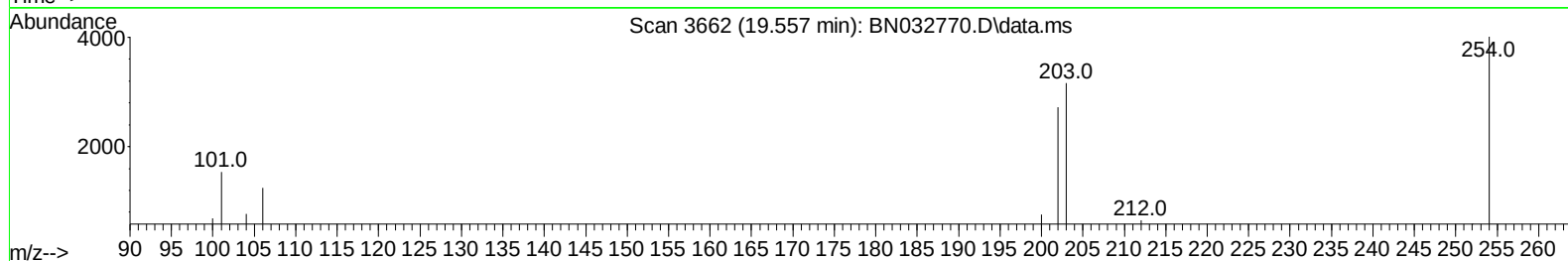
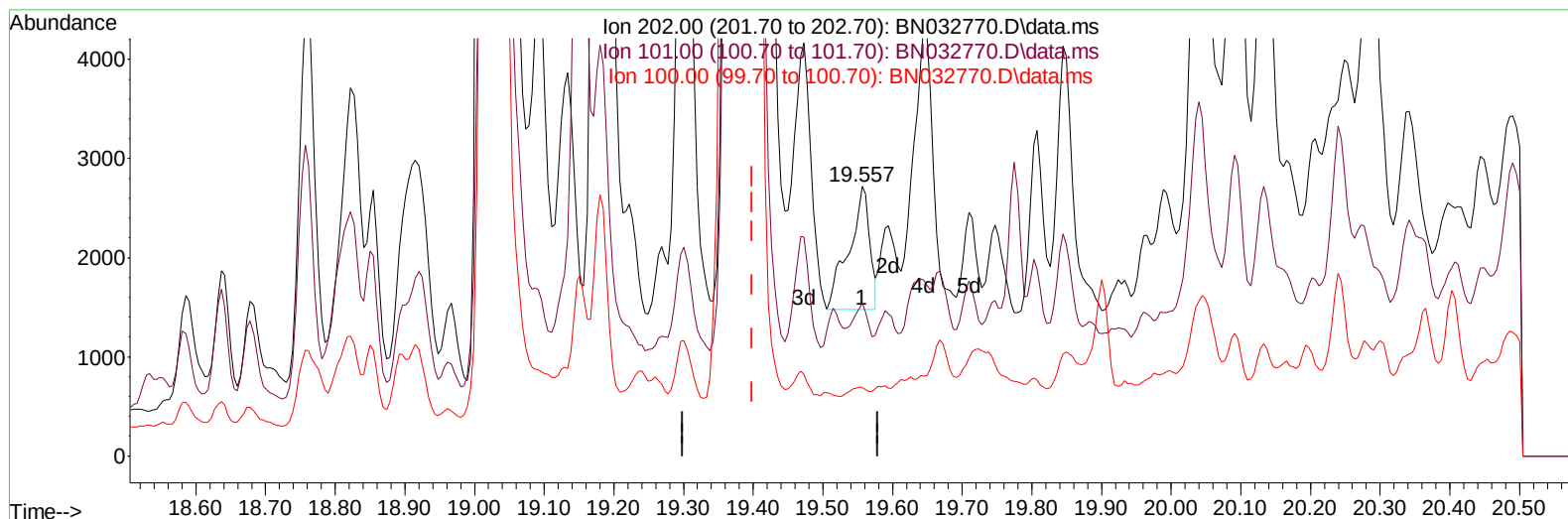
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032770.D
Acq On : 17 Jul 2024 09:23
Operator : MA/JU
Sample : P3100-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D08

Manual IntegrationsAPPROVED

Quant Time: Jul 17 11:04:31 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
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TIC: BN032770.D\data.ms

(20) Pyrene

19.557min (+ 0.158) 0.04 ng/u1

response 2581

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	56.60#
100.00	12.00	25.45#
0.00	0.00	0.00

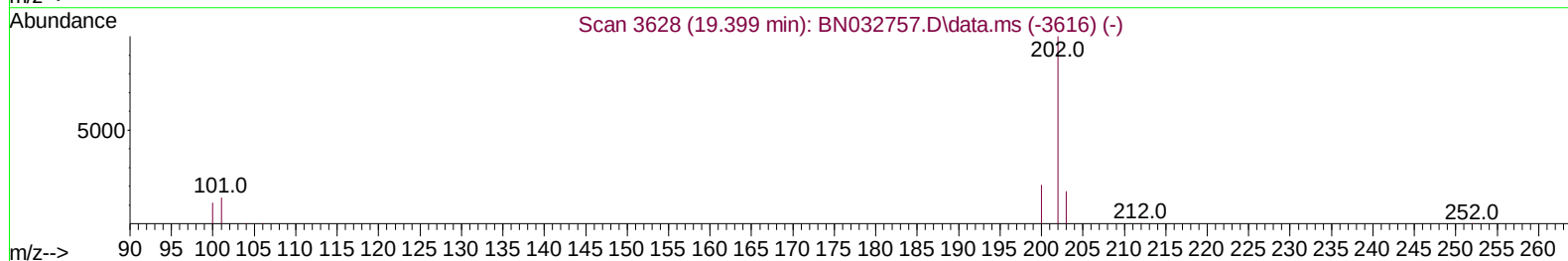
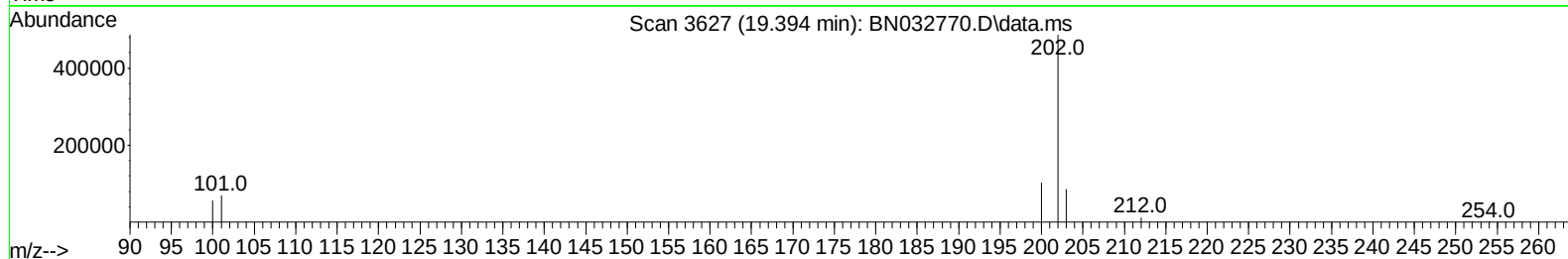
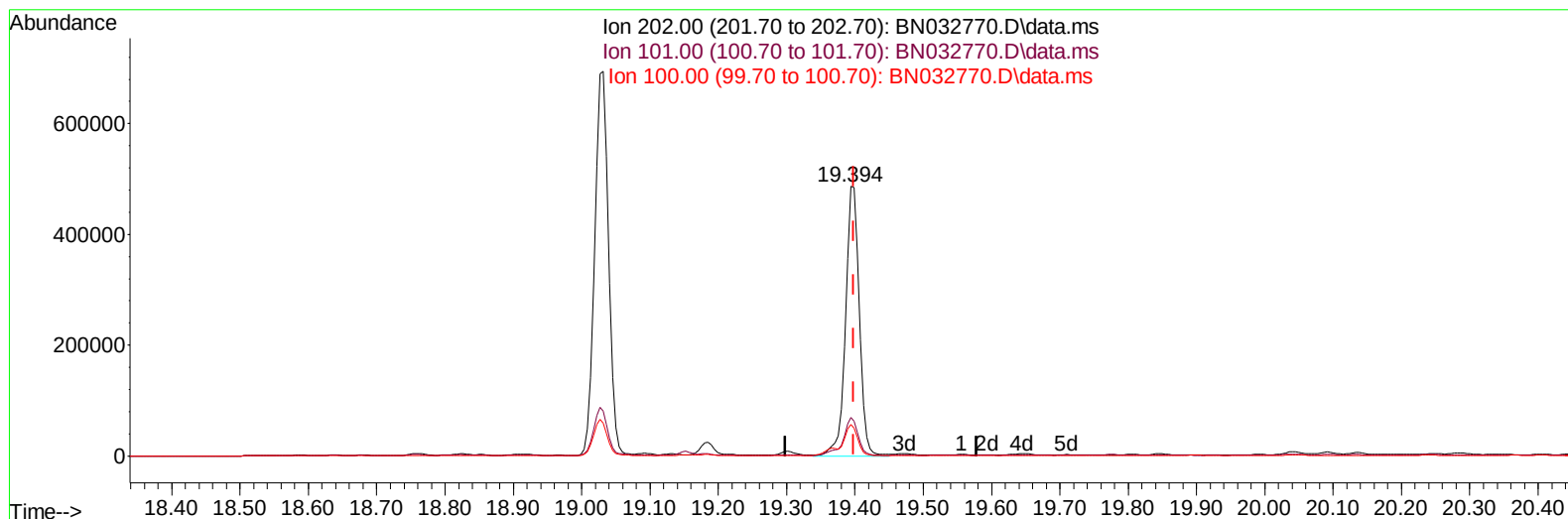
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032770.D
Acq On : 17 Jul 2024 09:23
Operator : MA/JU
Sample : P3100-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D08

Manual IntegrationsAPPROVED

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

Quant Time: Jul 17 11:04:31 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



TIC: BN032770.D\data.ms

(20) Pyrene

19.394min (-0.005) 9.82 ng/ul m

response 683101

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	14.33
100.00	12.00	11.71
0.00	0.00	0.00

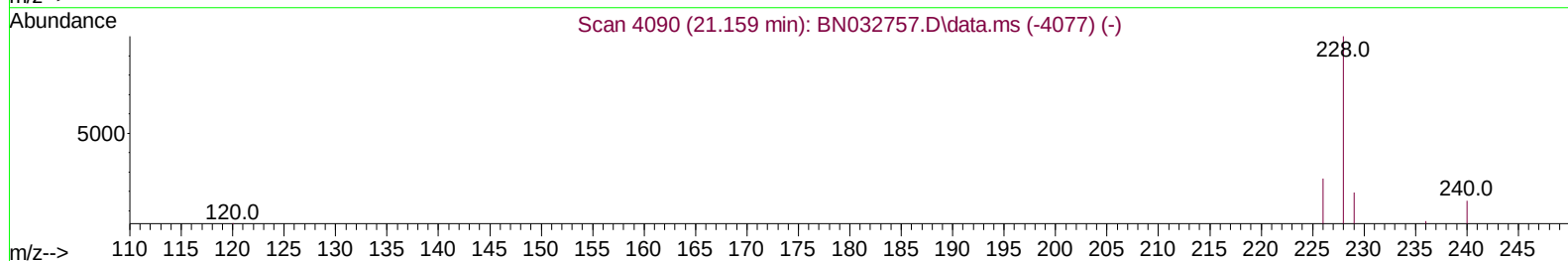
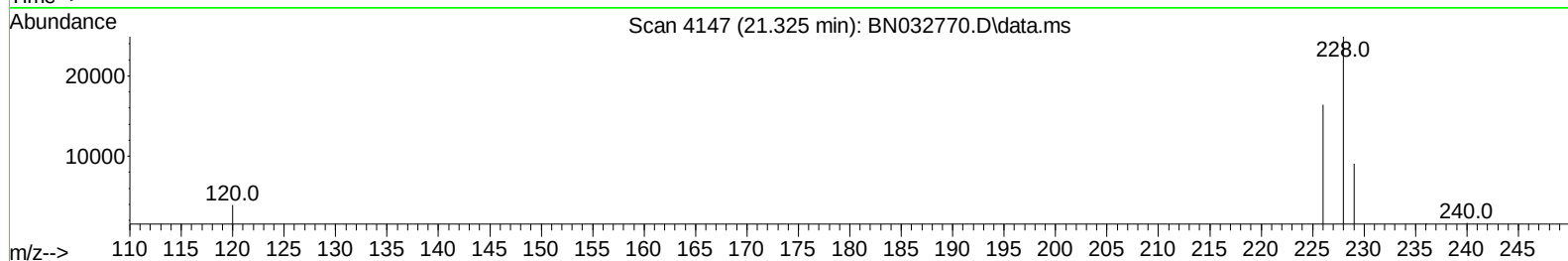
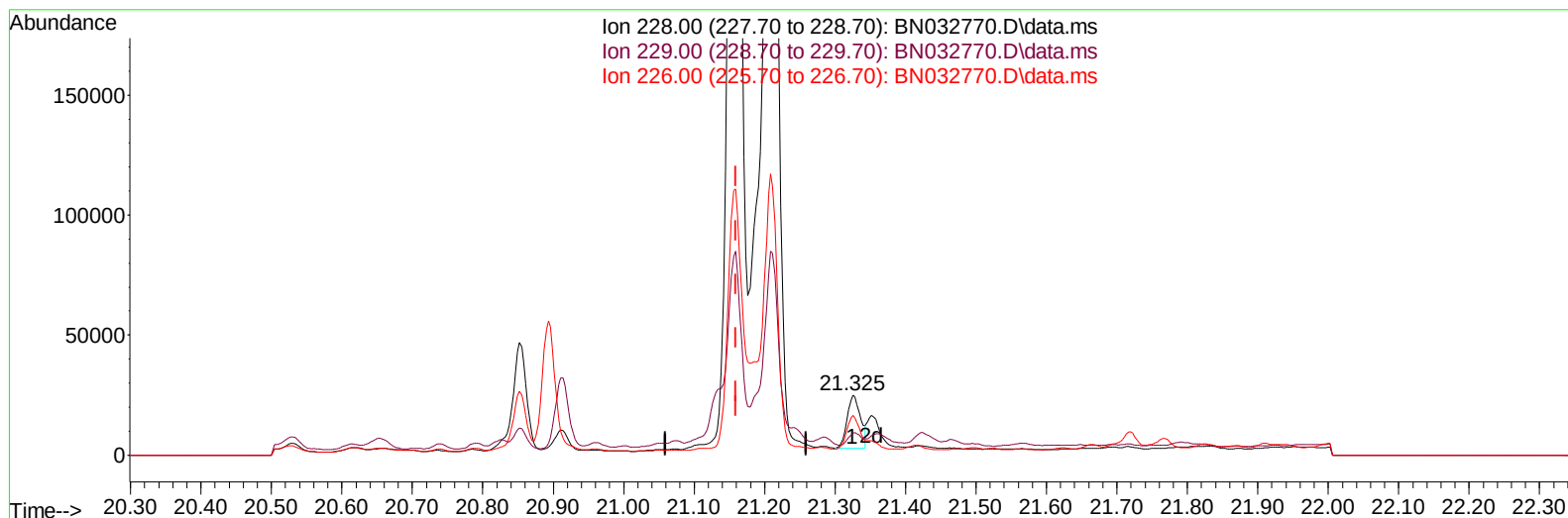
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032770.D
Acq On : 17 Jul 2024 09:23
Operator : MA/JU
Sample : P3100-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D08

Manual IntegrationsAPPROVED

Quant Time: Jul 17 11:04:31 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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TIC: BN032770.D\data.ms

(21) Benzo(a)anthracene

21.325min (+ 0.166) 0.55 ng/u1

response 29131

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	36.37#
226.00	27.40	65.98#
0.00	0.00	0.00

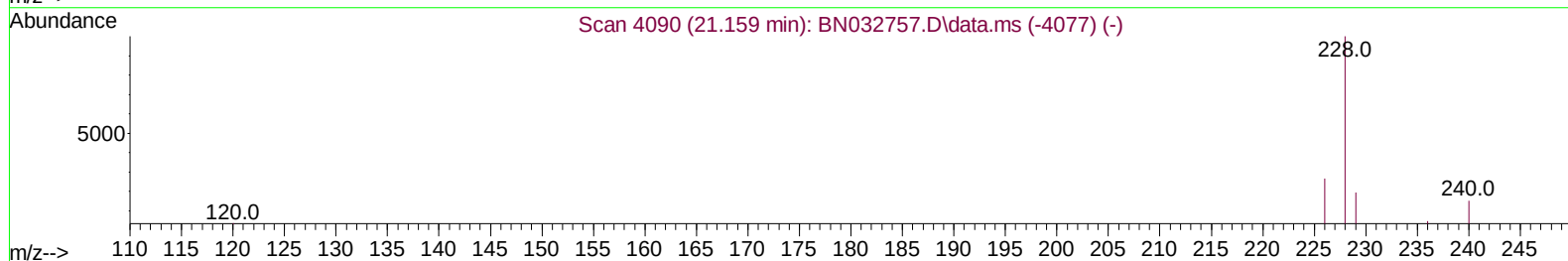
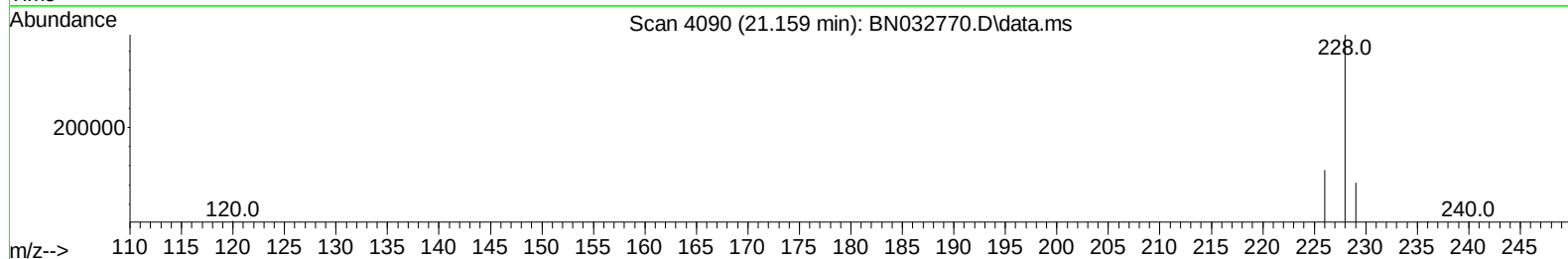
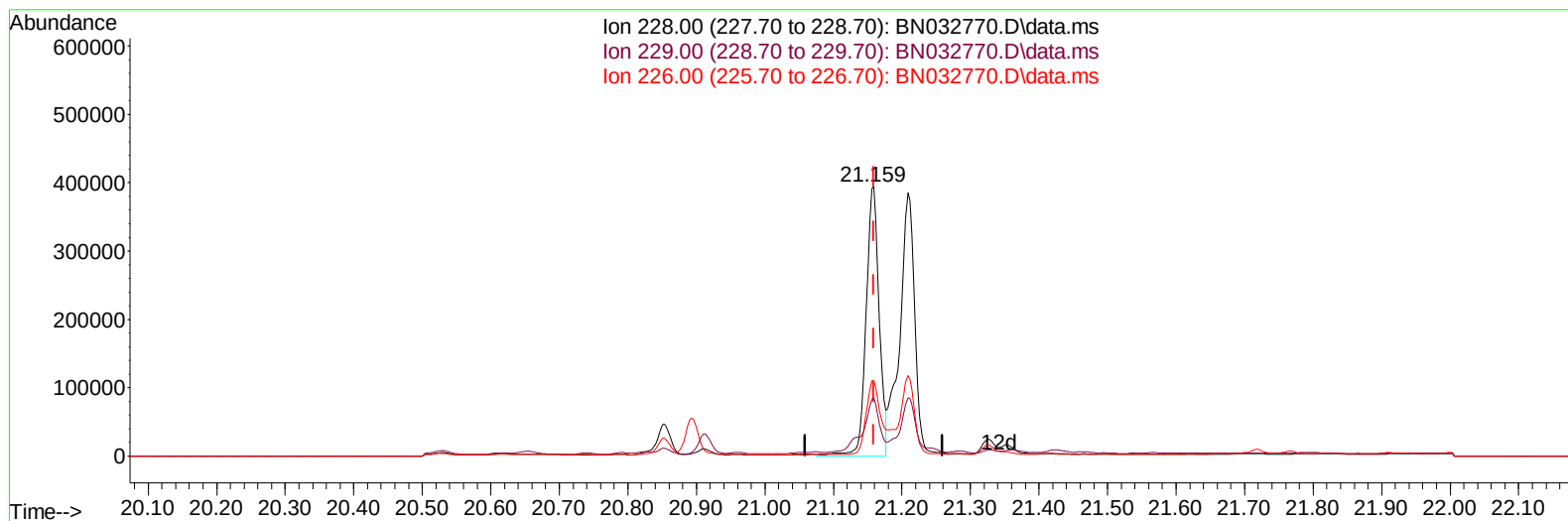
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032770.D
Acq On : 17 Jul 2024 09:23
Operator : MA/JU
Sample : P3100-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D08

Manual IntegrationsAPPROVED

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

Quant Time: Jul 17 11:04:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



TIC: BN032770.D\data.ms

(21) Benzo(a)anthracene

21.159min (-0.000) 10.02 ng/ul m

response 527069

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	21.55
226.00	27.40	28.07
0.00	0.00	0.00

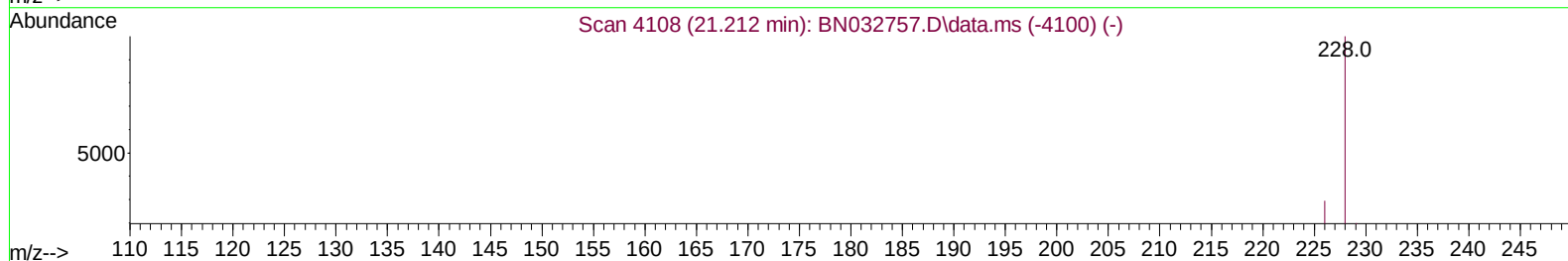
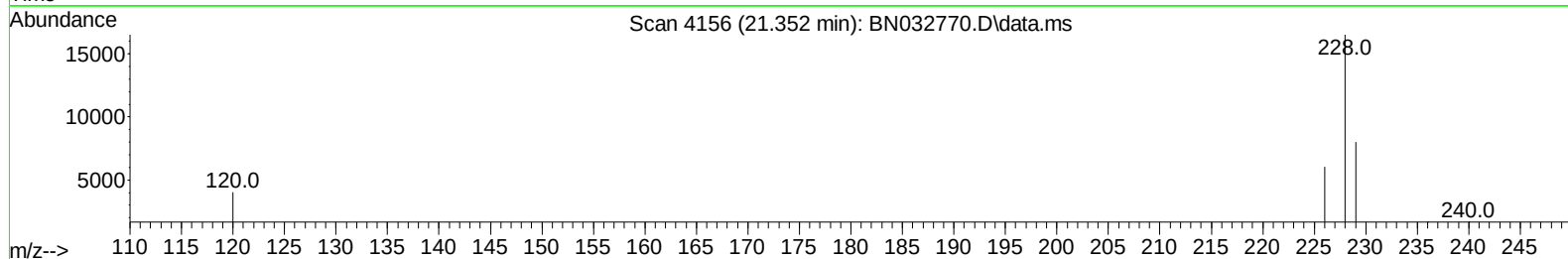
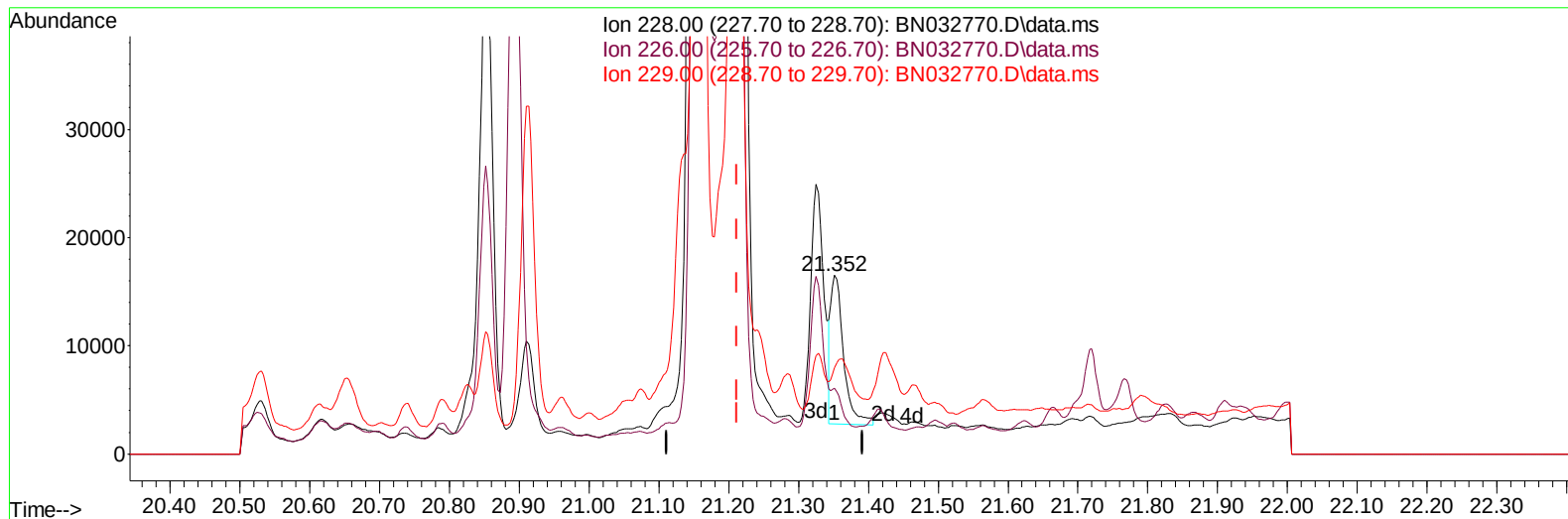
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032770.D
Acq On : 17 Jul 2024 09:23
Operator : MA/JU
Sample : P3100-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D08

Manual IntegrationsAPPROVED

Quant Time: Jul 17 11:04:31 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
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032770.D\data.ms

(22) Chrysene

21.352min (+ 0.140) 0.23 ng/u1

response 17817

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	36.71#
229.00	19.70	48.38#
0.00	0.00	0.00

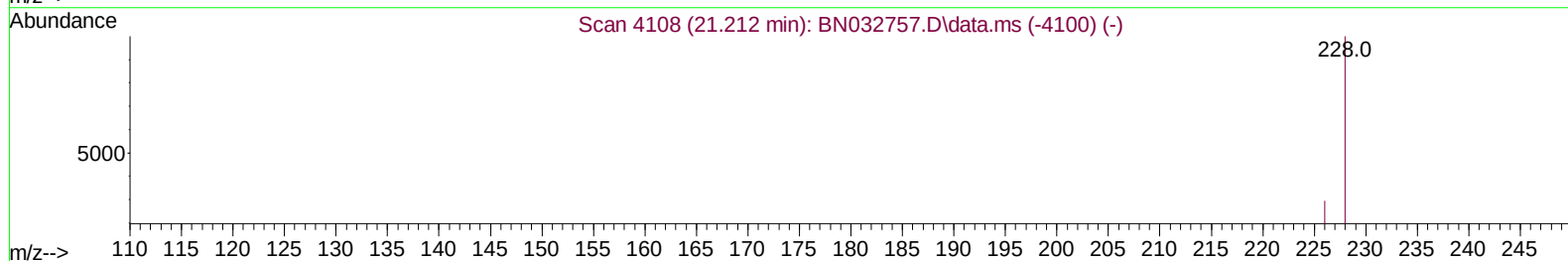
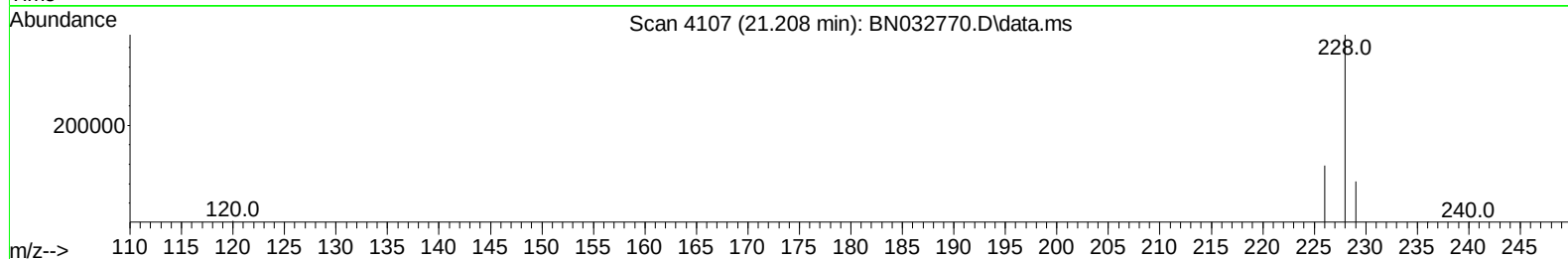
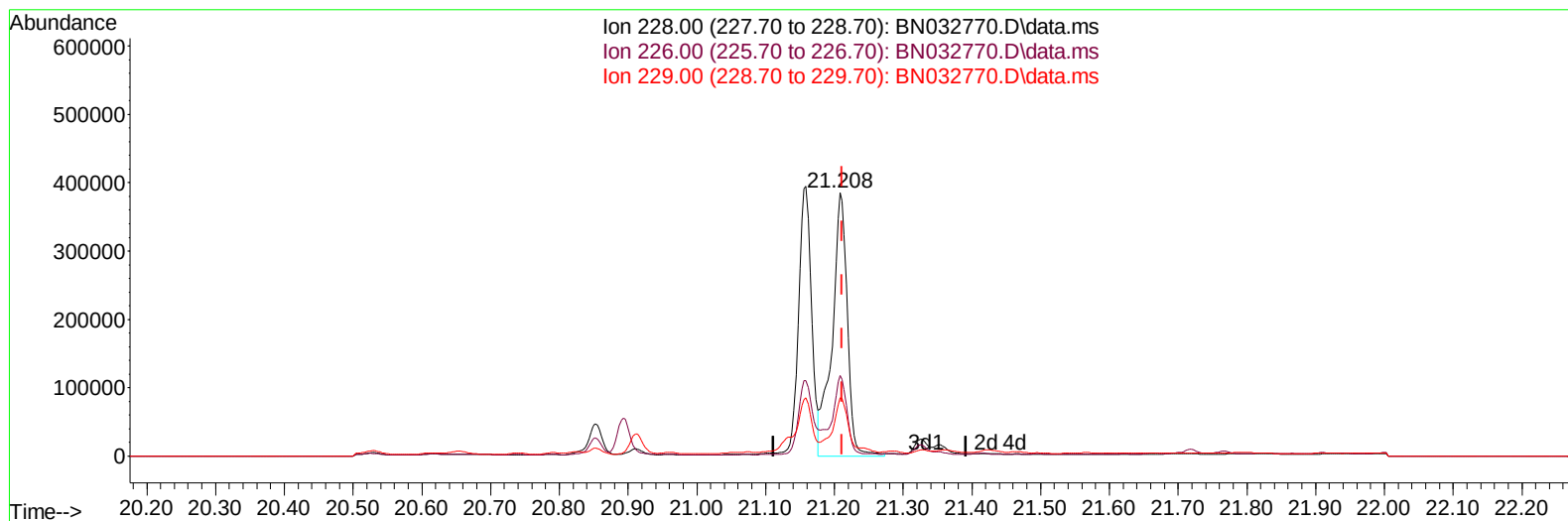
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032770.D
Acq On : 17 Jul 2024 09:23
Operator : MA/JU
Sample : P3100-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D08

Manual IntegrationsAPPROVED

Quant Time: Jul 17 11:04:31 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
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TIC: BN032770.D\data.ms

(22) Chrysene

21.208min (-0.003) 7.81 ng/ul m

response 594357

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	30.39
229.00	19.70	21.98
0.00	0.00	0.00

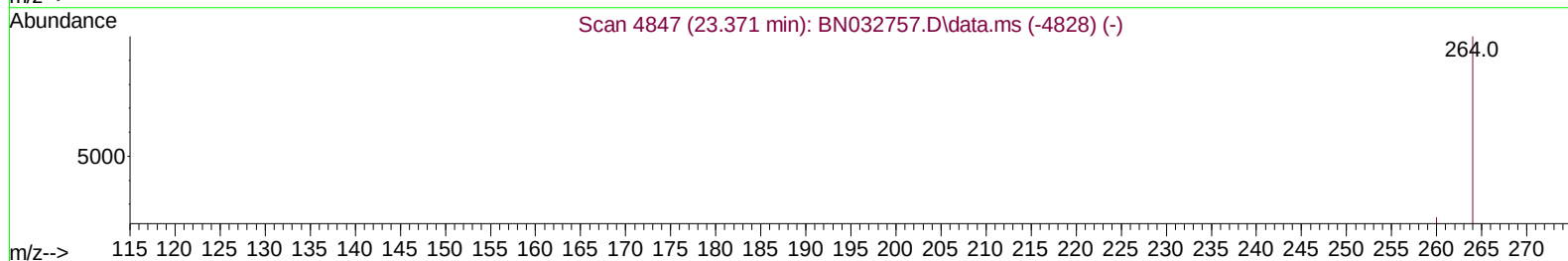
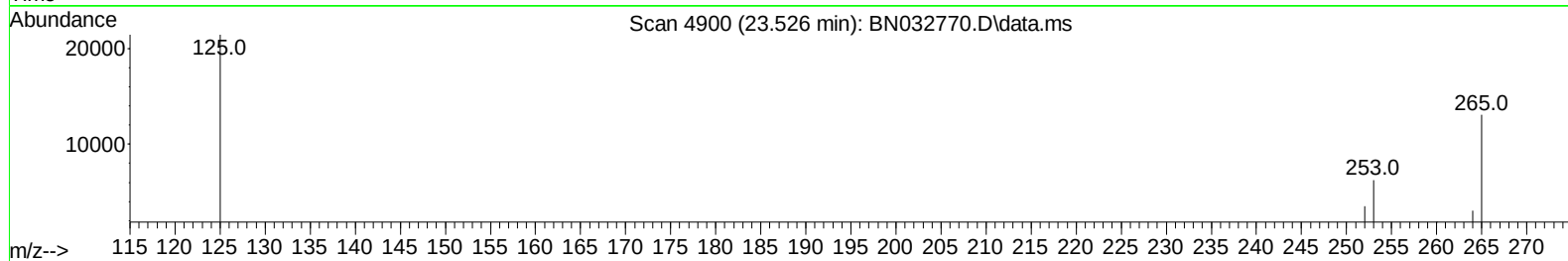
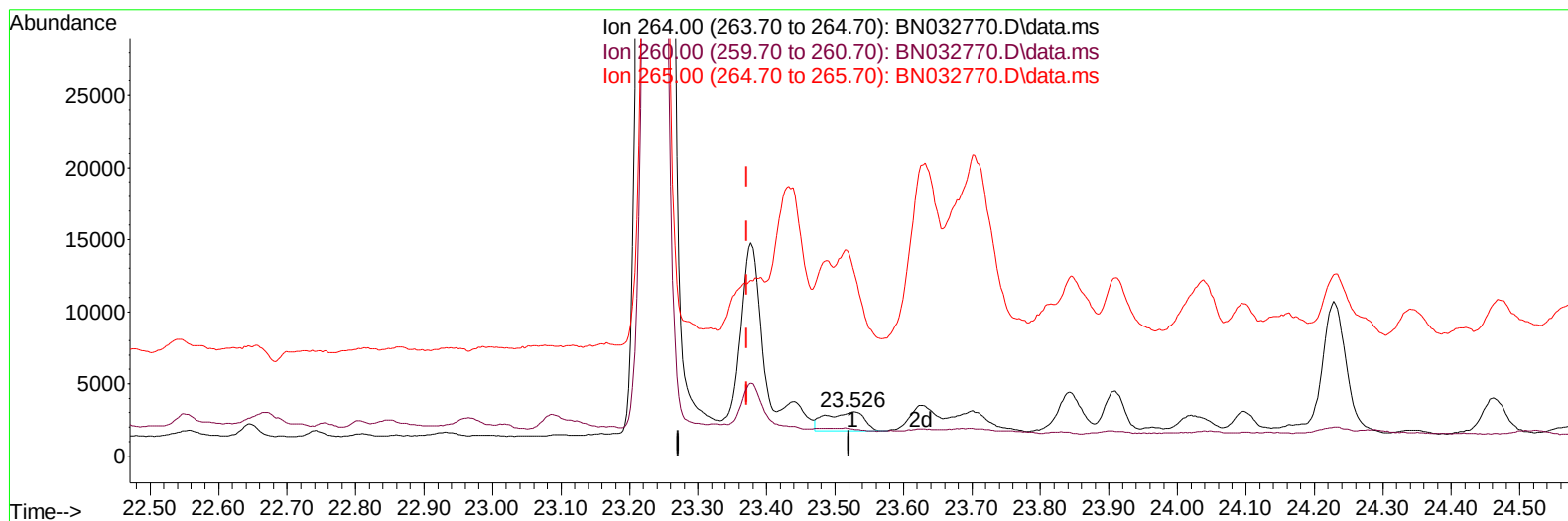
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032770.D
Acq On : 17 Jul 2024 09:23
Operator : MA/JU
Sample : P3100-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D08

Manual IntegrationsAPPROVED

Quant Time: Jul 17 11:04:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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TIC: BN032770.D\data.ms

(23) Perylene-d12 (I)

23.526min (+ 0.155) 0.40 ng/u1

response 5157

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	60.79#
265.00	95.50	425.20#
0.00	0.00	0.00

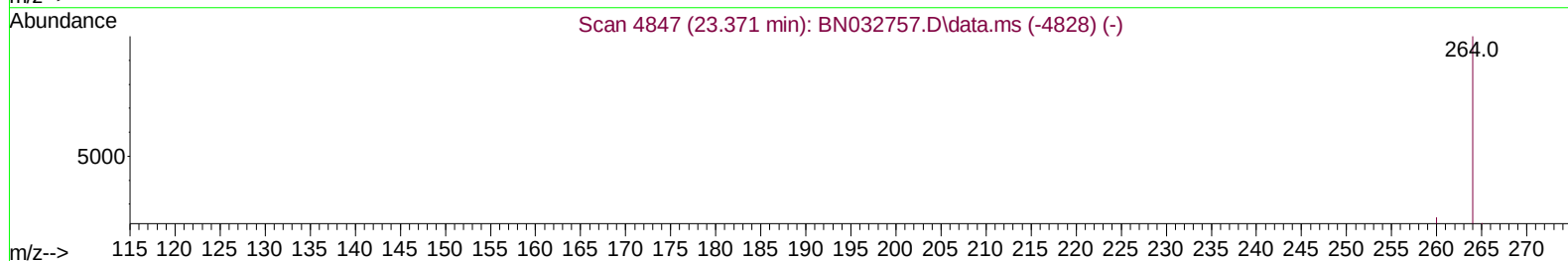
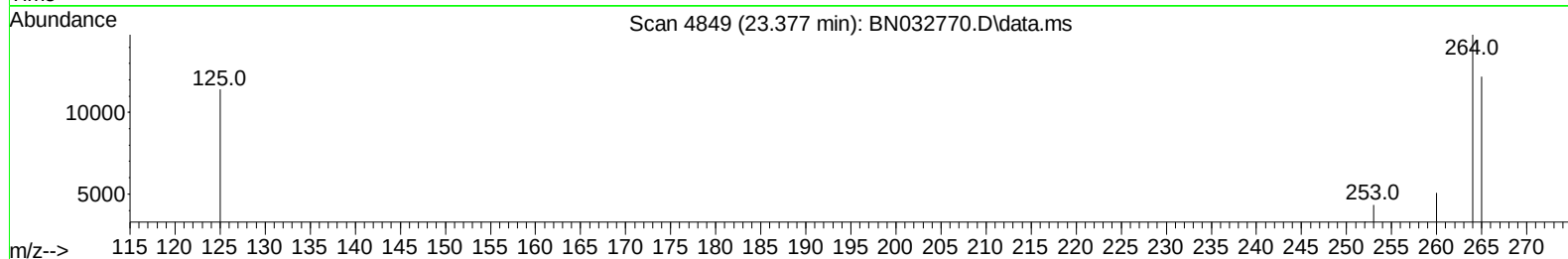
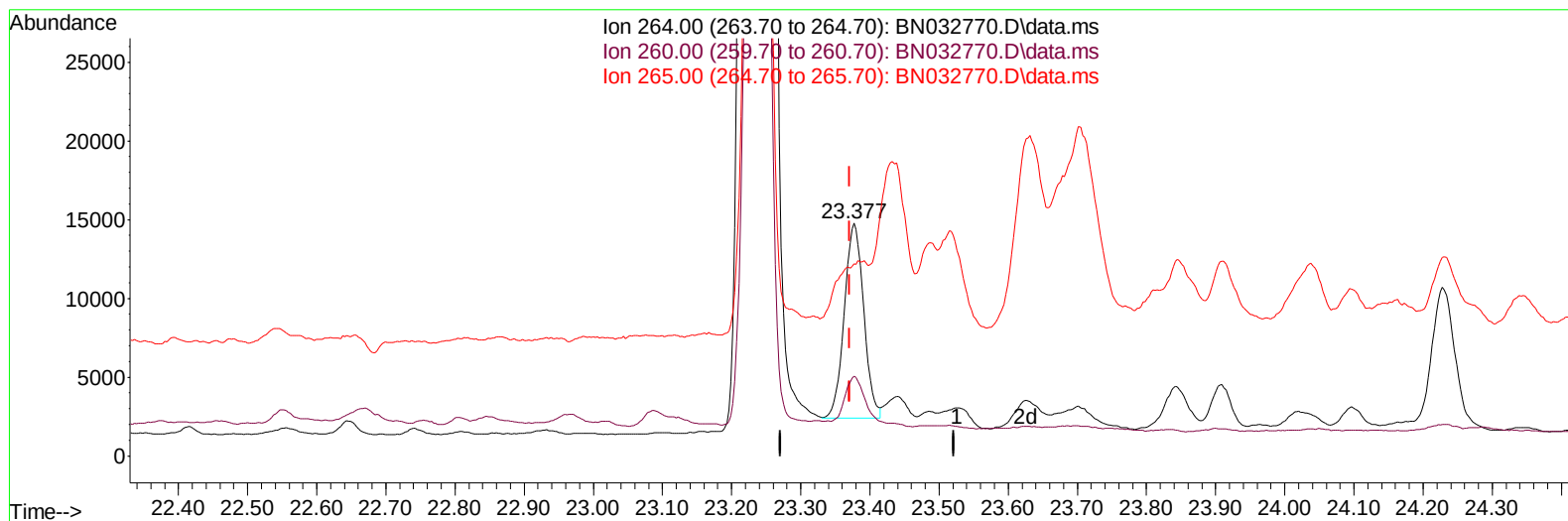
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032770.D
Acq On : 17 Jul 2024 09:23
Operator : MA/JU
Sample : P3100-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D08

Manual IntegrationsAPPROVED

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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TIC: BN032770.D\data.ms

(23) Perylene-d12 (I)

23.377min (+ 0.006) 0.40 ng/ul m

response 24103

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	34.30#
265.00	95.50	82.55
0.00	0.00	0.00

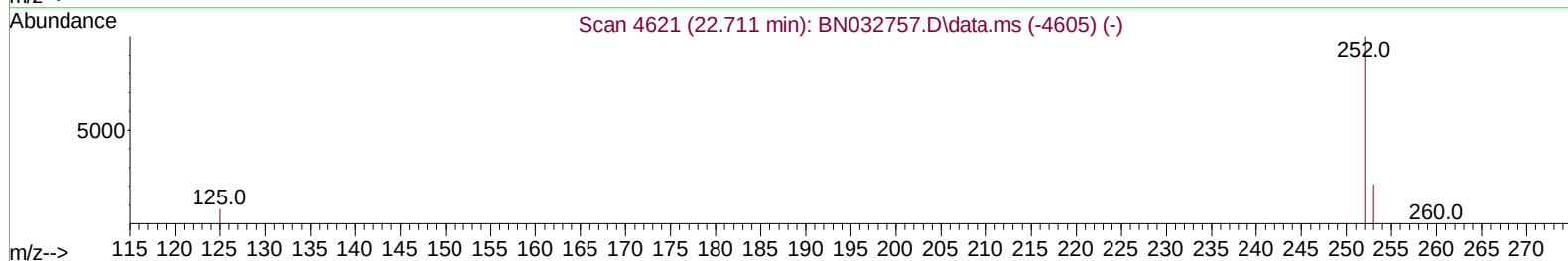
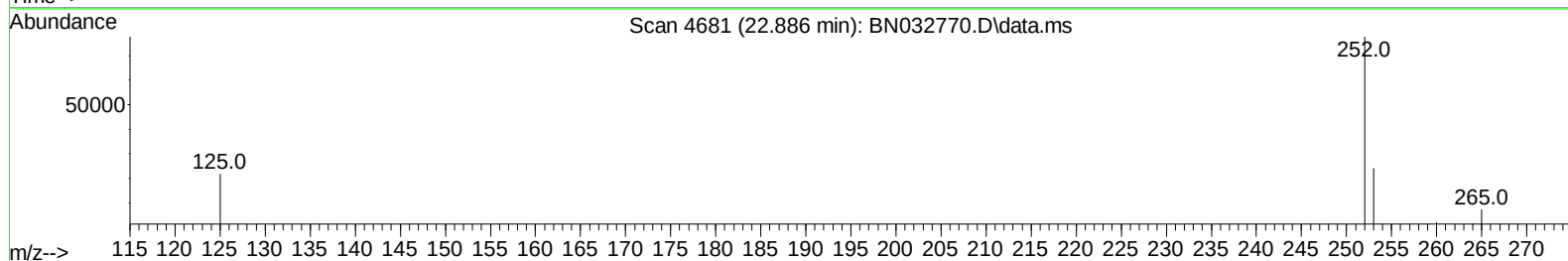
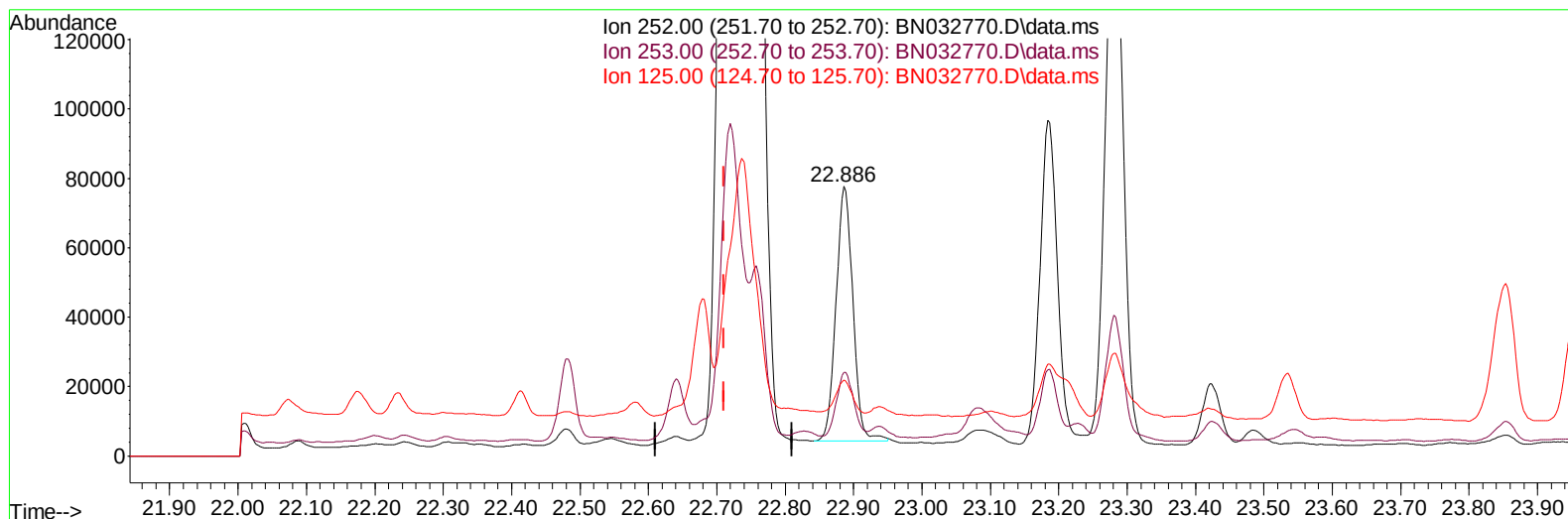
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032770.D
Acq On : 17 Jul 2024 09:23
Operator : MA/JU
Sample : P3100-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D08

Manual IntegrationsAPPROVED

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TIC: BN032770.D\data.ms

(24) Benzo(b)fluoranthene

22.886min (+ 0.175) 1.48 ng/u1

response 126050

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	31.05
125.00	18.00	28.16
0.00	0.00	0.00

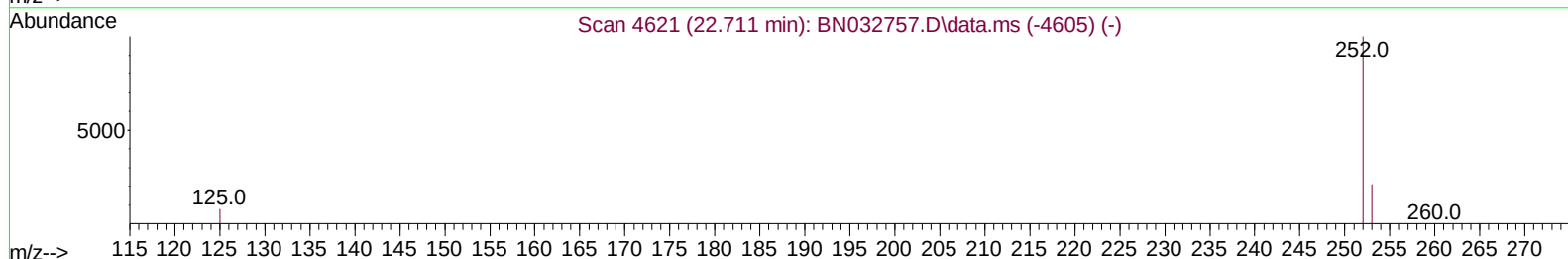
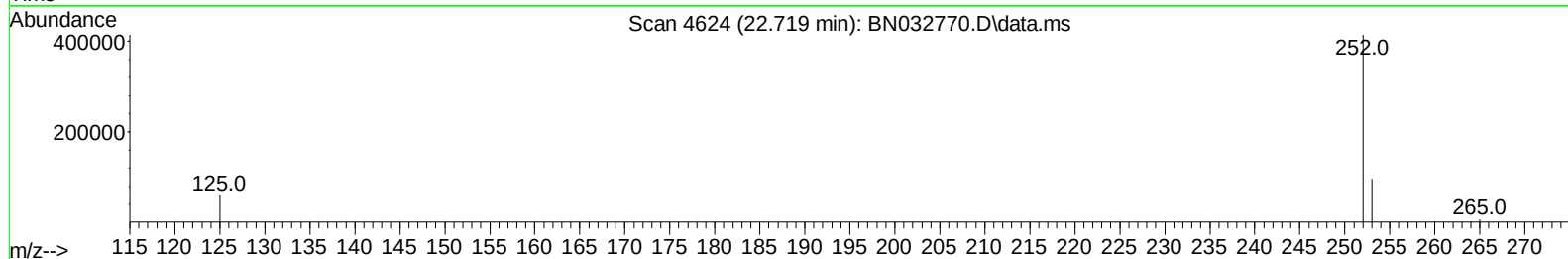
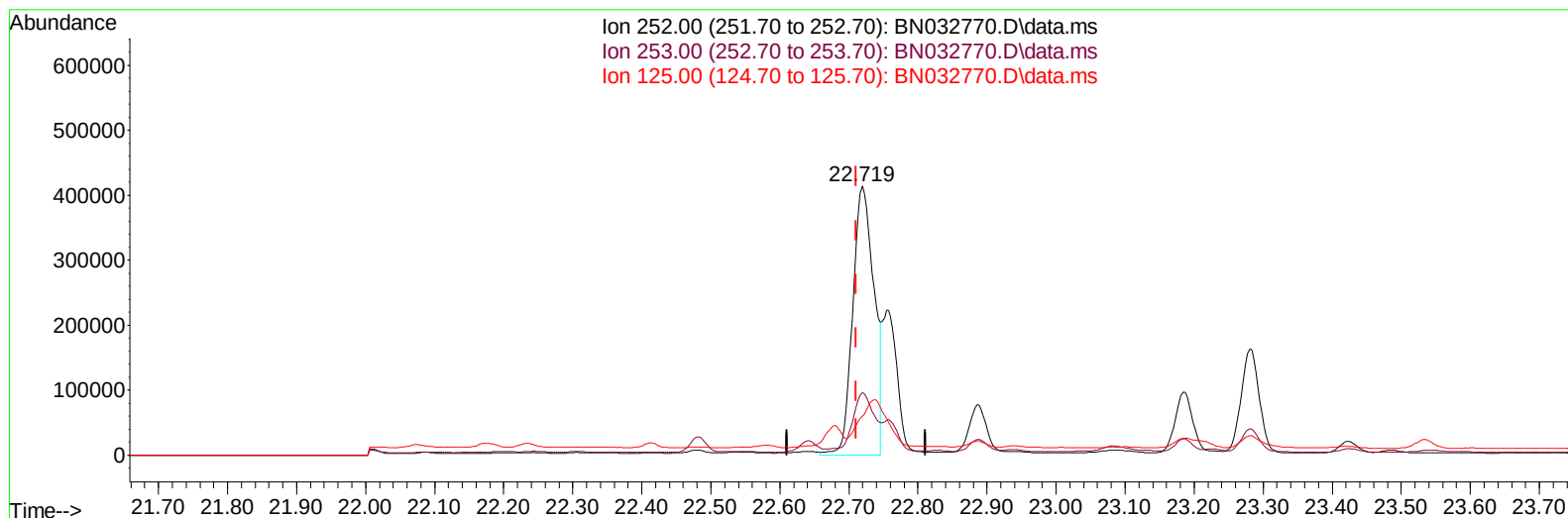
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032770.D
Acq On : 17 Jul 2024 09:23
Operator : MA/JU
Sample : P3100-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D08

Manual IntegrationsAPPROVED

Quant Time: Jul 17 11:04:31 2024
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Reviewed By :Yogesh Patel 07/18/2024
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TIC: BN032770.D\data.ms

(24) Benzo(b)fluoranthene

22.719min (+ 0.009) 10.50 ng/ul m

response 892591

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	23.16
125.00	18.00	14.48
0.00	0.00	0.00

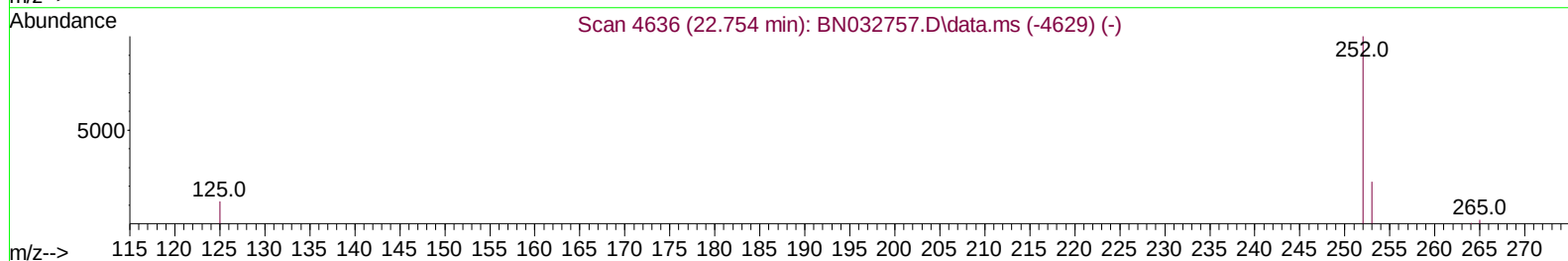
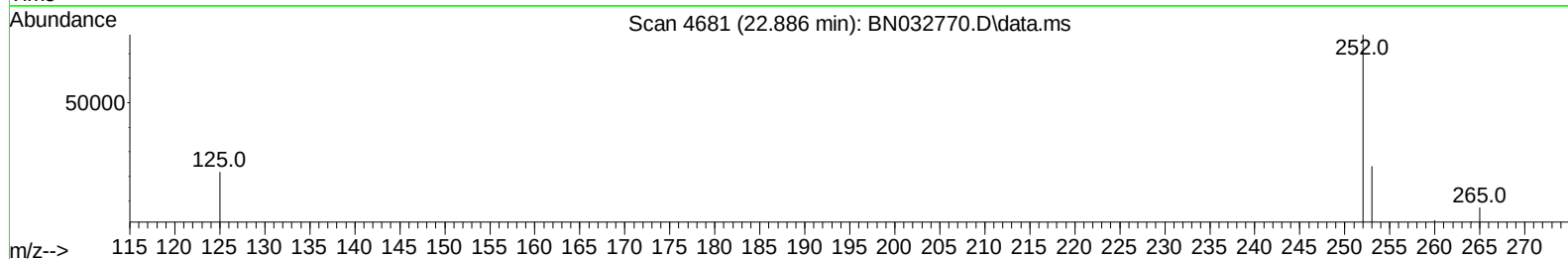
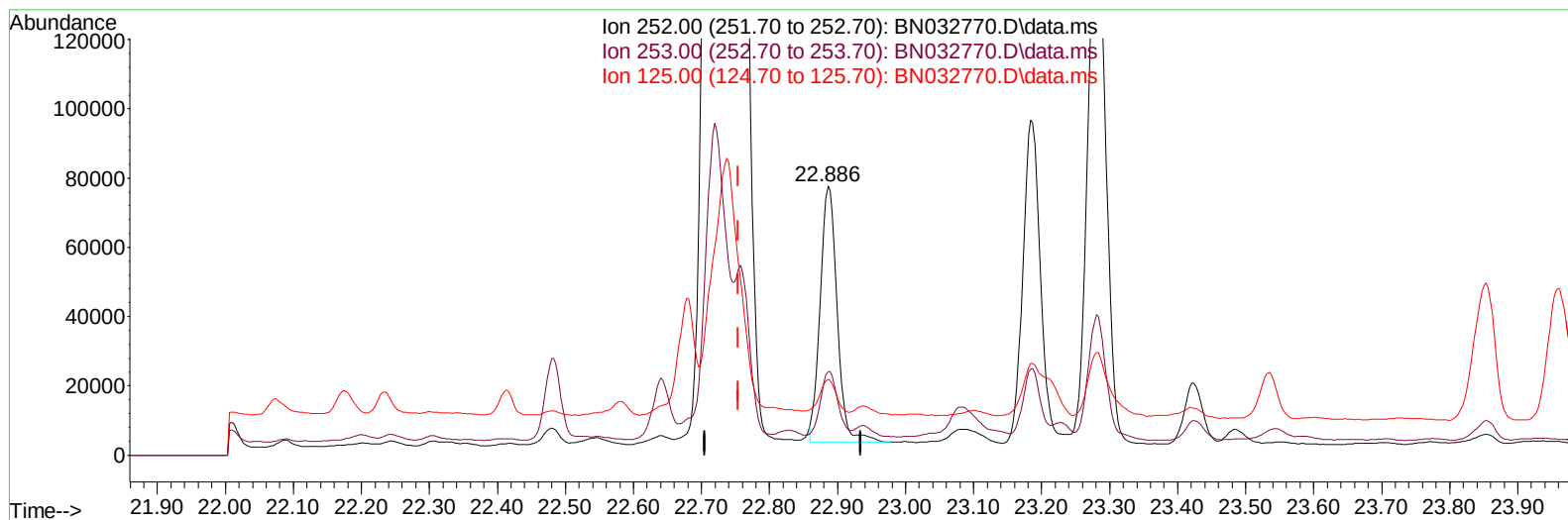
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032770.D
Acq On : 17 Jul 2024 09:23
Operator : MA/JU
Sample : P3100-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D08

Manual IntegrationsAPPROVED

Quant Time: Jul 17 11:04:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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Response via : Initial Calibration

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



TIC: BN032770.D\data.ms

(25) Benzo(k)fluoranthene

22.886min (+ 0.131) 1.24 ng/uI

response 128841

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	31.05
125.00	18.50	28.16#
0.00	0.00	0.00

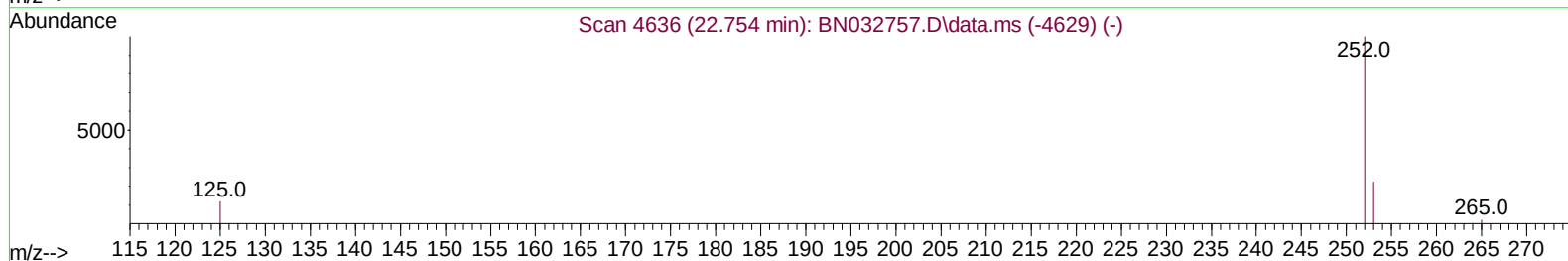
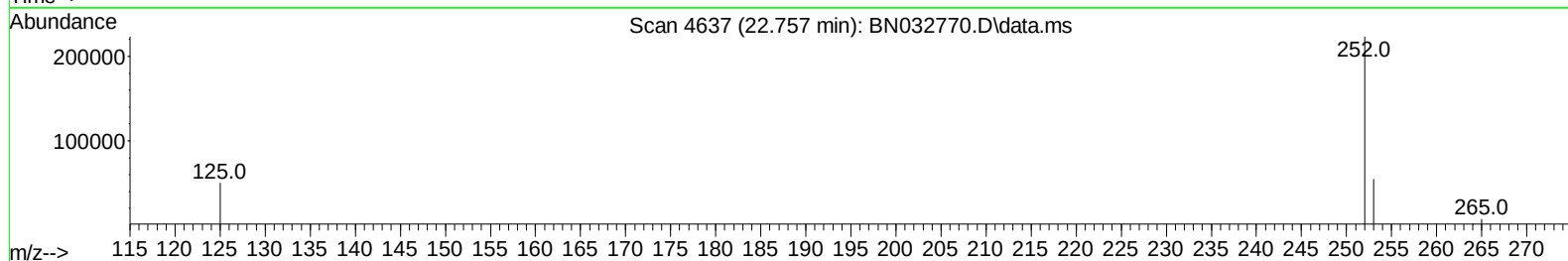
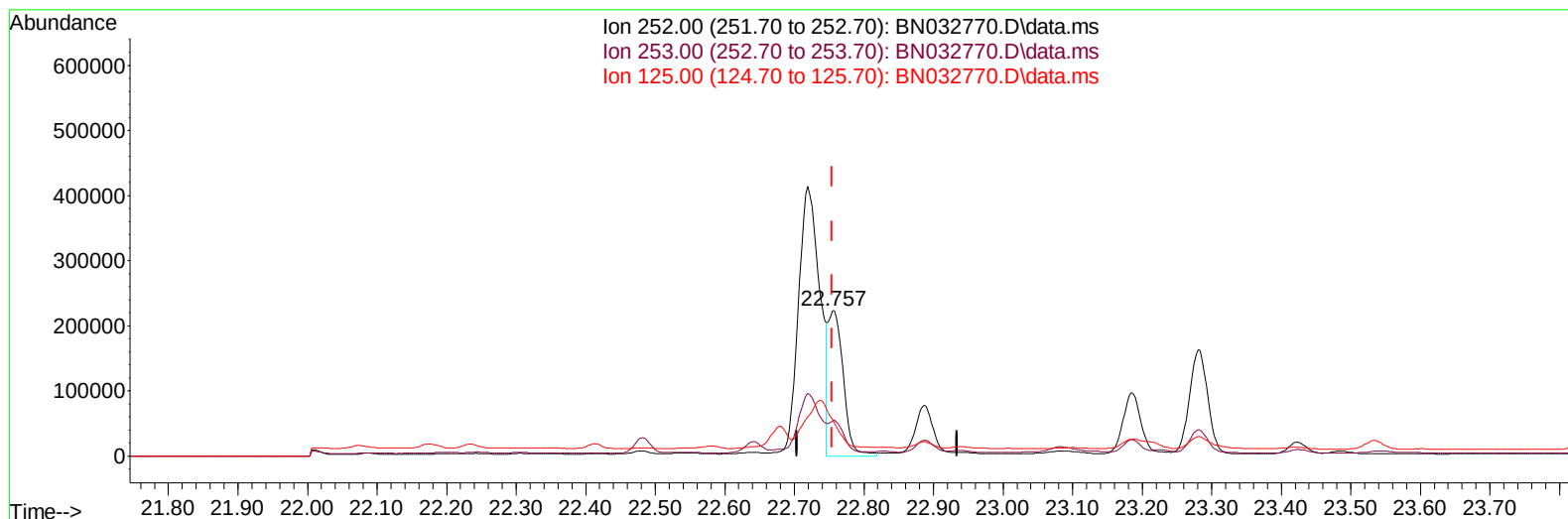
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032770.D
Acq On : 17 Jul 2024 09:23
Operator : MA/JU
Sample : P3100-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D08

Manual IntegrationsAPPROVED

Quant Time: Jul 17 11:04:31 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: BN032770.D\data.ms

(25) Benzo(k)fluoranthene

22.757min (+ 0.003) 3.27 ng/ul m

response 338995

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	24.59
125.00	18.50	22.52#
0.00	0.00	0.00

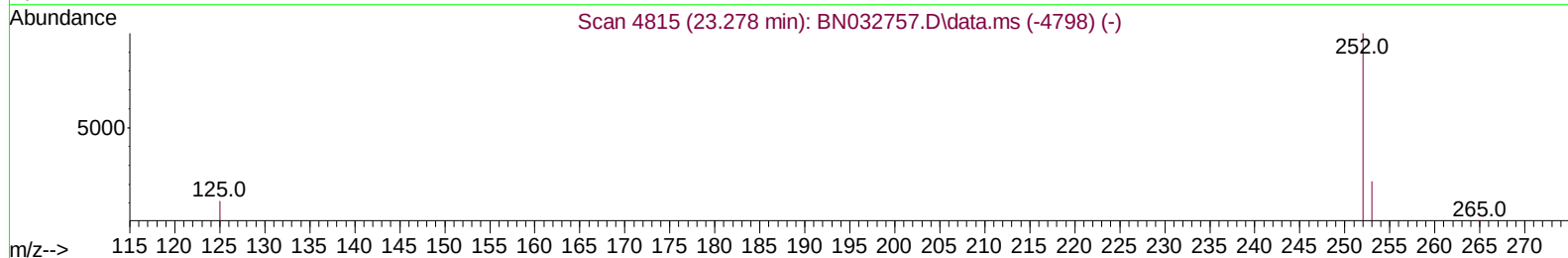
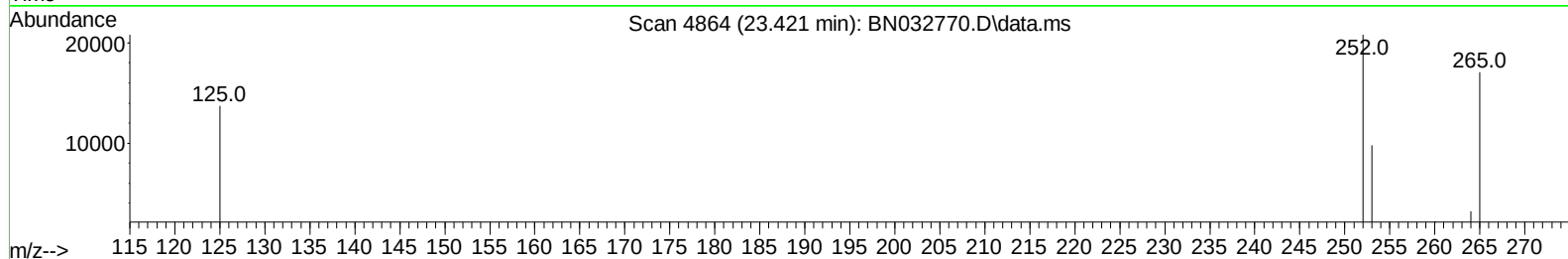
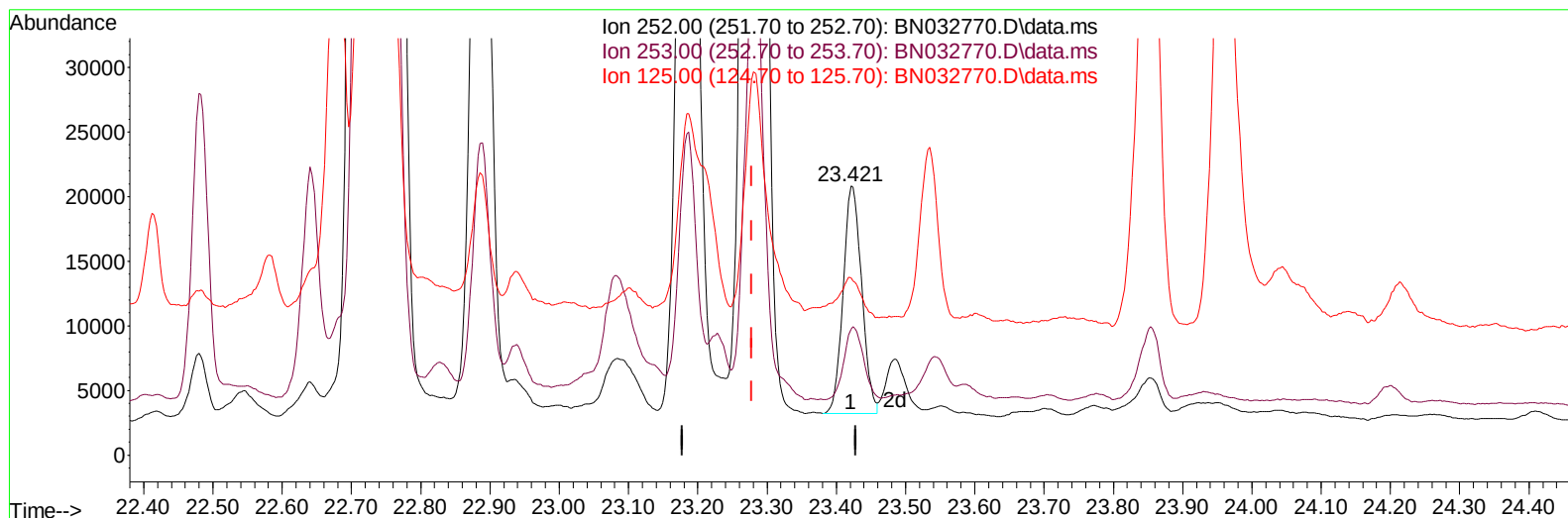
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032770.D
Acq On : 17 Jul 2024 09:23
Operator : MA/JU
Sample : P3100-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D08

Manual IntegrationsAPPROVED

Quant Time: Jul 17 11:04:31 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: BN032770.D\data.ms

(26) Benzo(a)pyrene (C)

23.421min (+ 0.143) 0.44 ng/u1

response 32714

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	46.90#
125.00	25.70	65.92#
0.00	0.00	0.00

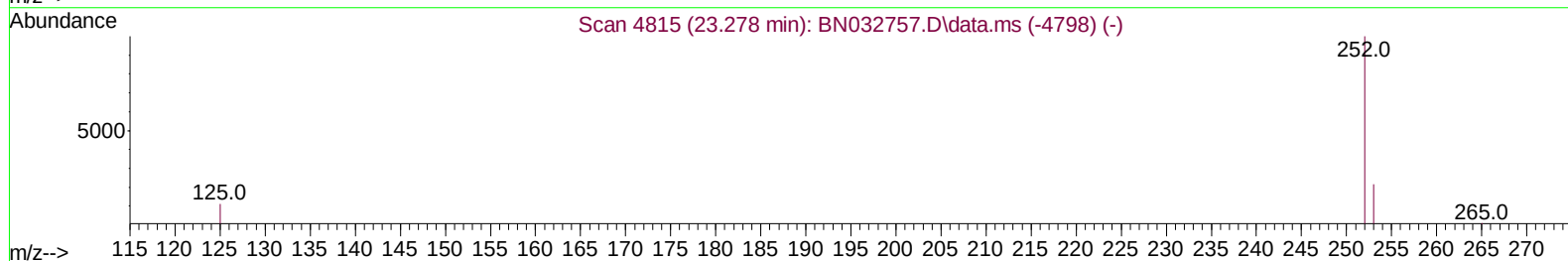
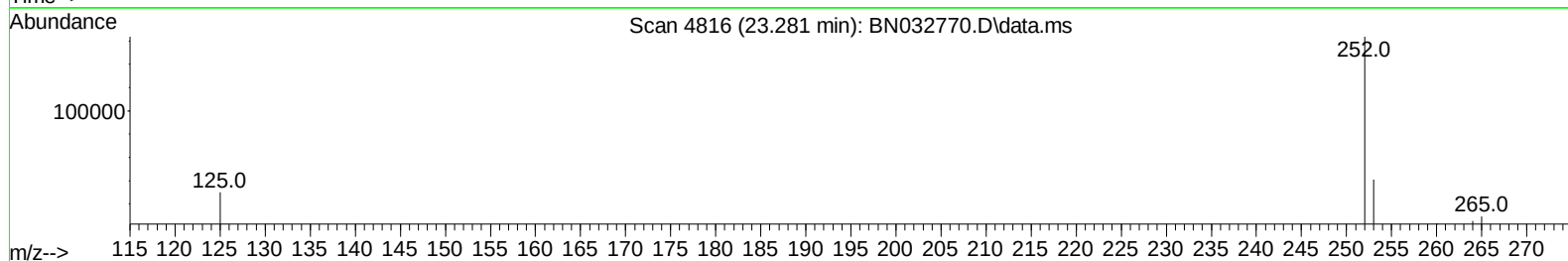
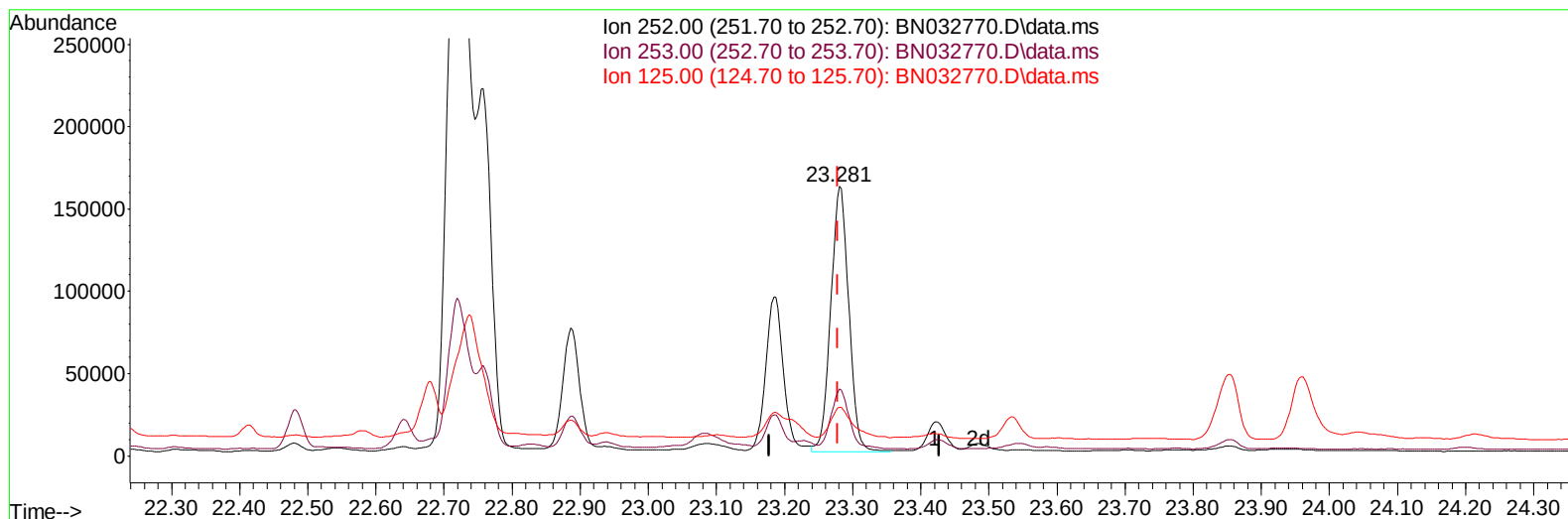
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032770.D
Acq On : 17 Jul 2024 09:23
Operator : MA/JU
Sample : P3100-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D08

Manual IntegrationsAPPROVED

Quant Time: Jul 17 11:04:31 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: BN032770.D\data.ms

(26) Benzo(a)pyrene (C)

23.281min (+ 0.003) 4.03 ng/ul m

response 296805

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	24.84#
125.00	25.70	18.13#
0.00	0.00	0.00

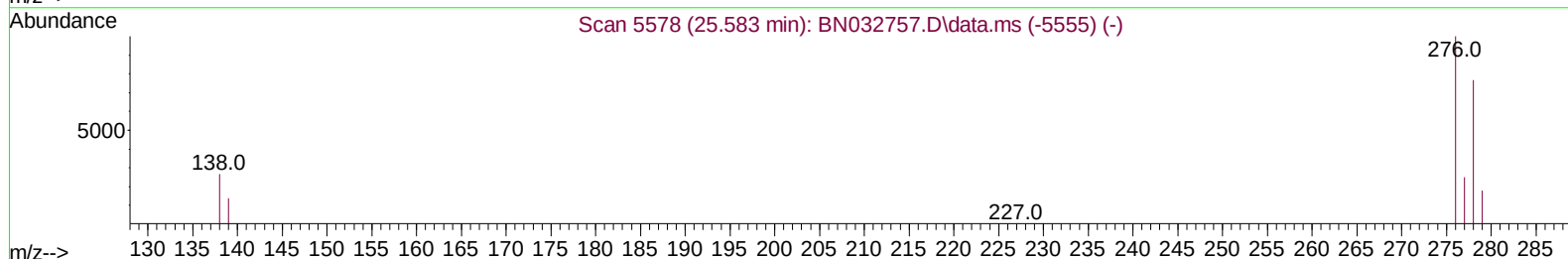
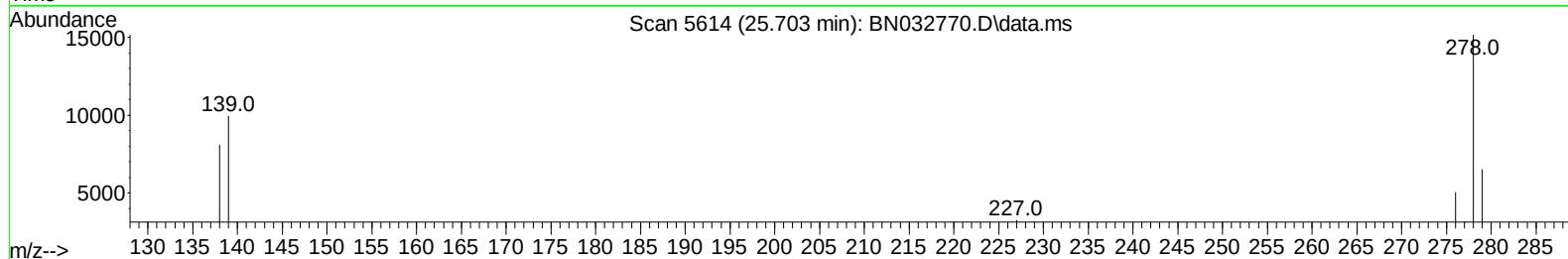
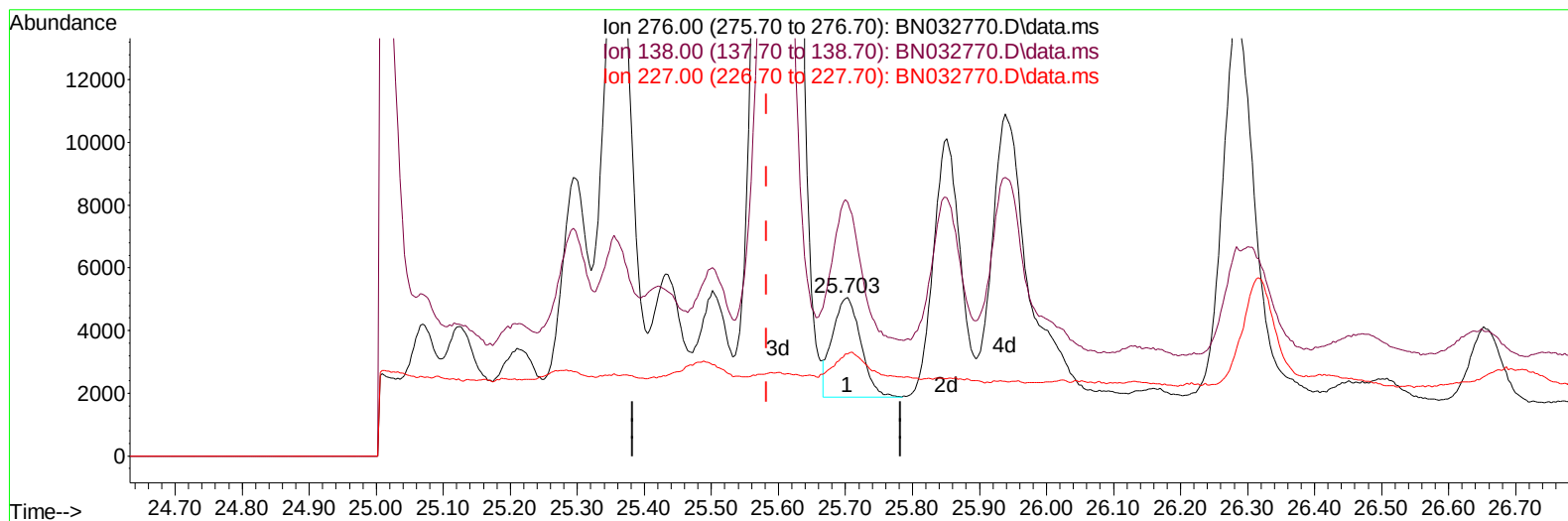
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032770.D
 Acq On : 17 Jul 2024 09:23
 Operator : MA/JU
 Sample : P3100-17
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D08

Manual IntegrationsAPPROVED

Quant Time: Jul 17 11:04:31 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: BN032770.D\data.ms

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

25.703min (+ 0.121) 0.09 ng/u1

response 9304

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	142.39#
227.00	0.00	31.76#
0.00	0.00	0.00

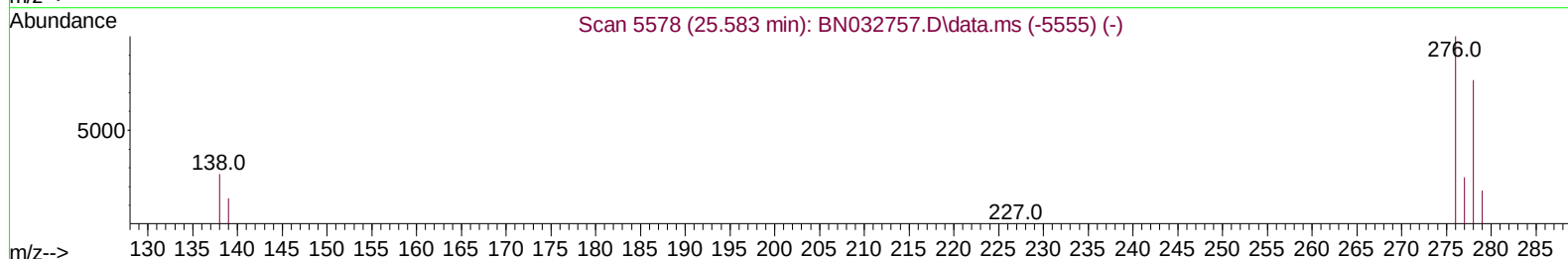
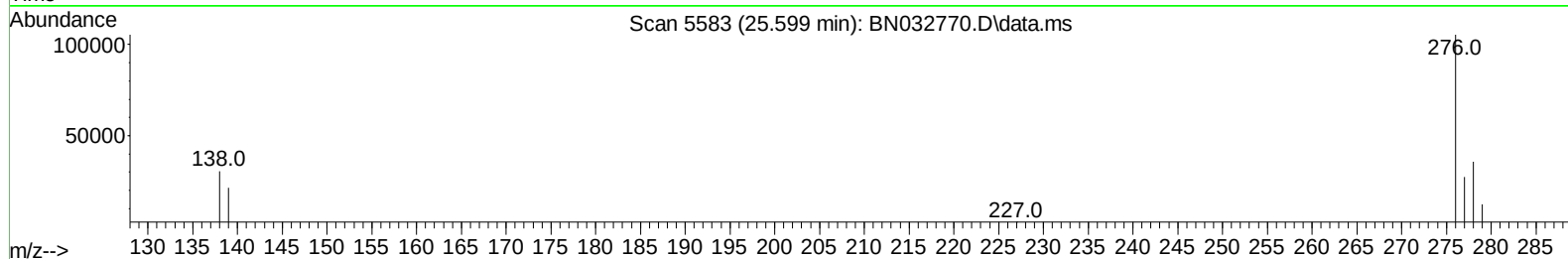
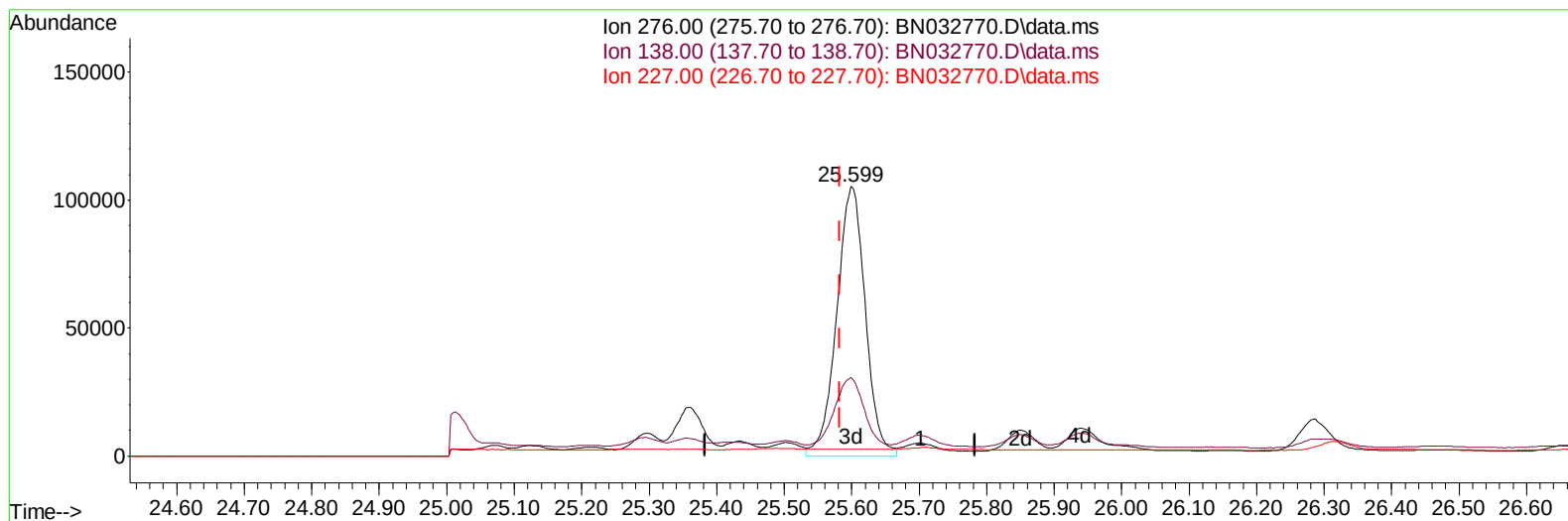
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032770.D
Acq On : 17 Jul 2024 09:23
Operator : MA/JU
Sample : P3100-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D08

Manual IntegrationsAPPROVED

Quant Time: Jul 17 11:04:31 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: BN032770.D\data.ms

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

25.599min (+ 0.017) 3.11 ng/u1 m

response 310150

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	4.27#
227.00	0.00	0.95#
0.00	0.00	0.00

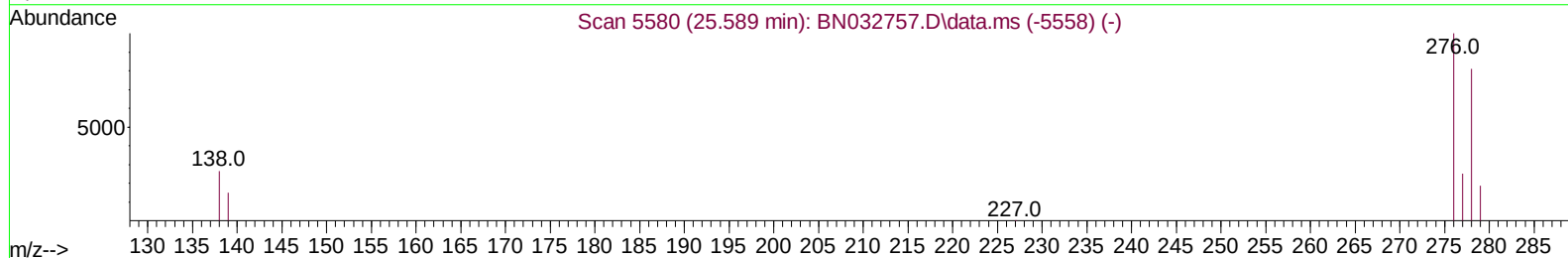
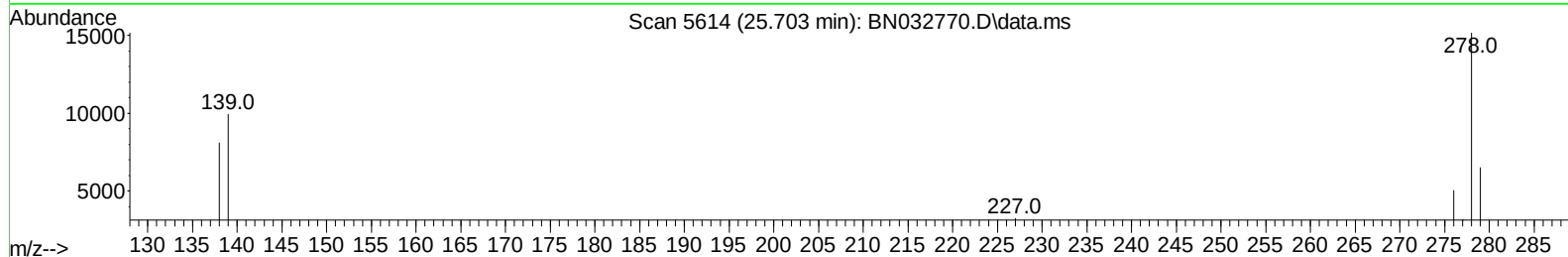
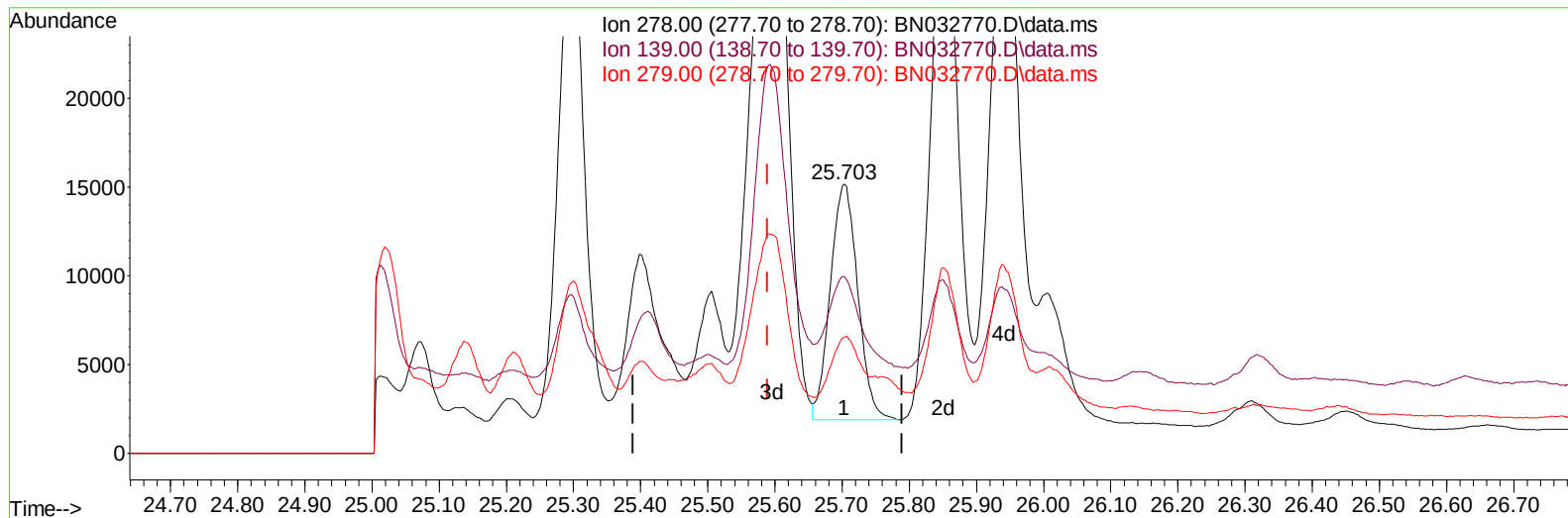
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032770.D
Acq On : 17 Jul 2024 09:23
Operator : MA/JU
Sample : P3100-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D08

Manual IntegrationsAPPROVED

Quant Time: Jul 17 11:04:31 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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Reviewed By :Yogesh Patel 07/18/2024
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TIC: BN032770.D\data.ms

(28) Dibenzo(a,h)anthracene

25.703min (+ 0.114) 0.49 ng/u1

response 37911

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	65.62#
279.00	29.60	43.04#
0.00	0.00	0.00

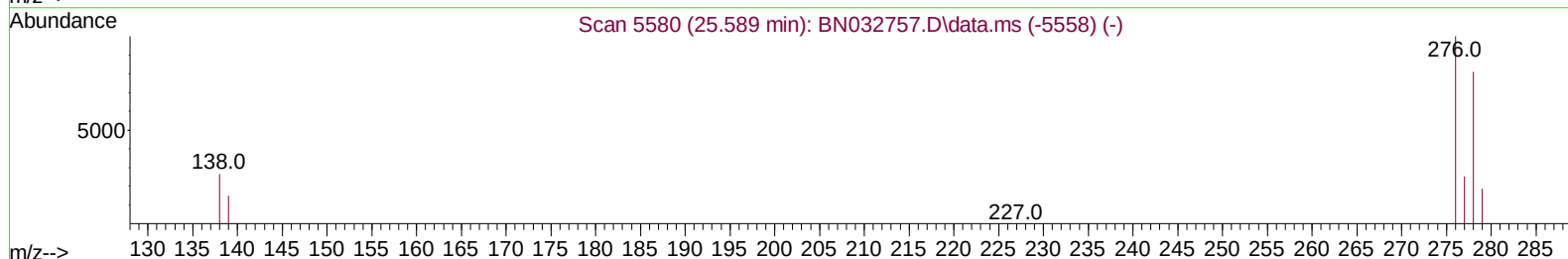
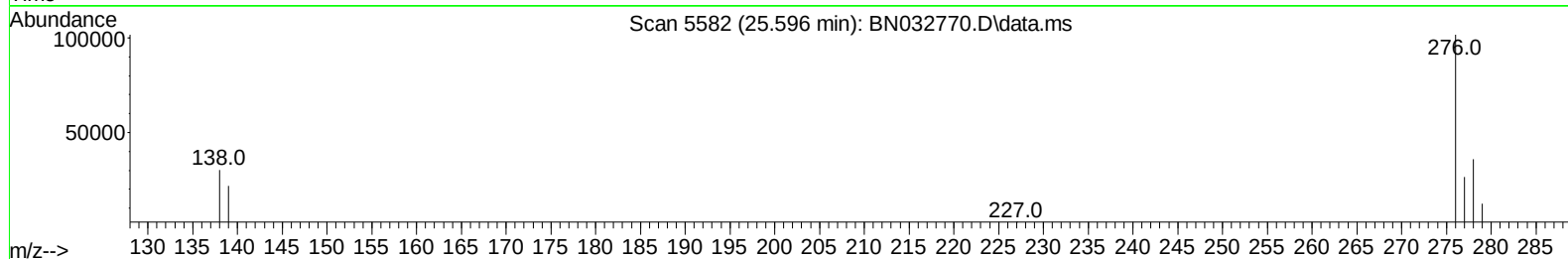
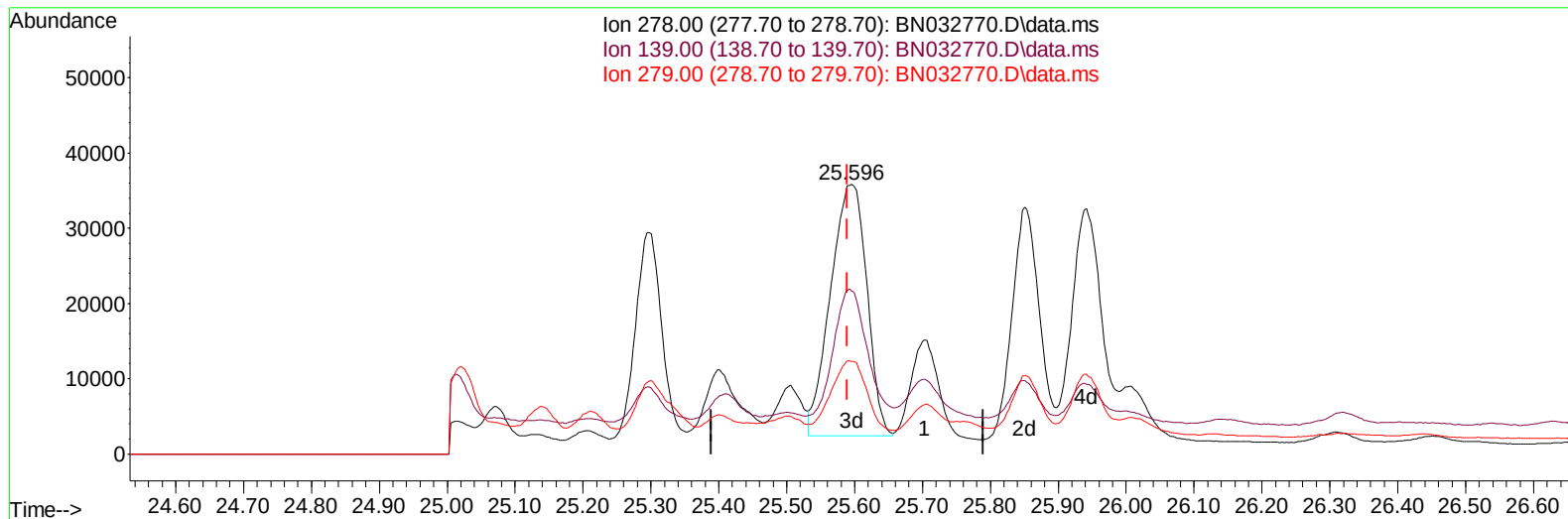
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032770.D
Acq On : 17 Jul 2024 09:23
Operator : MA/JU
Sample : P3100-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D08

Manual IntegrationsAPPROVED

Quant Time: Jul 17 11:04:31 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
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TIC: BN032770.D\data.ms

(28) Dibenzo(a,h)anthracene

25.596min (+ 0.007) 1.60 ng/ul m

response 123967

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	60.42#
279.00	29.60	34.38
0.00	0.00	0.00

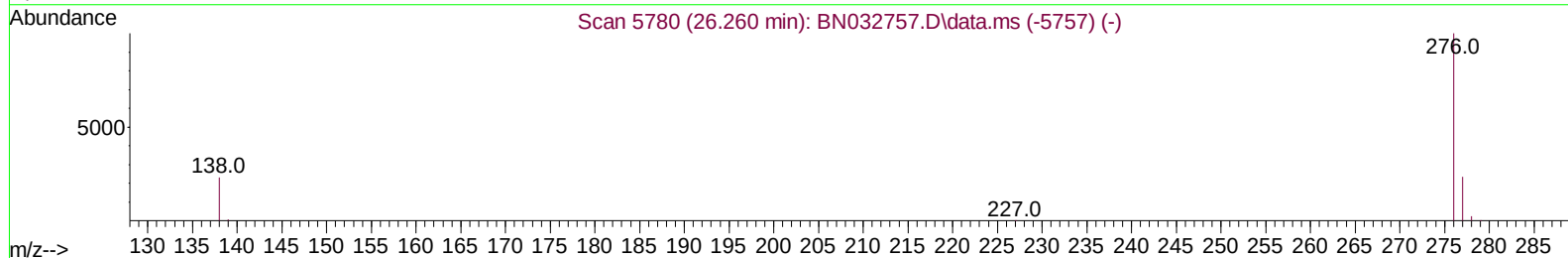
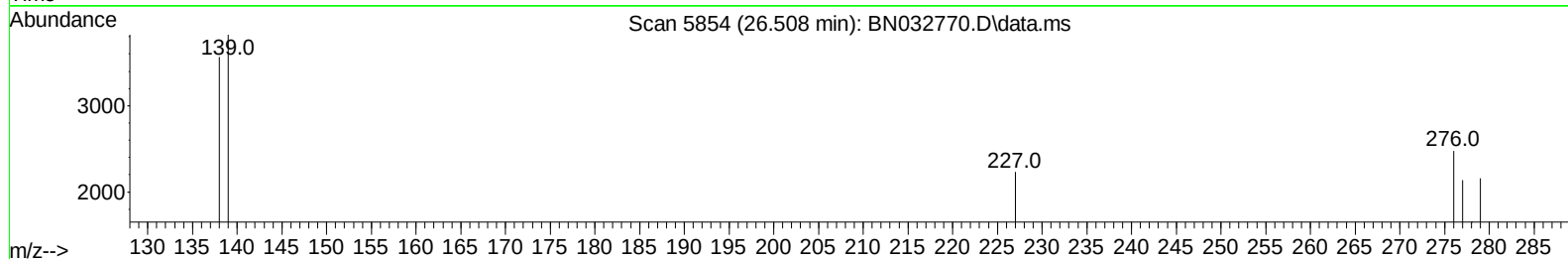
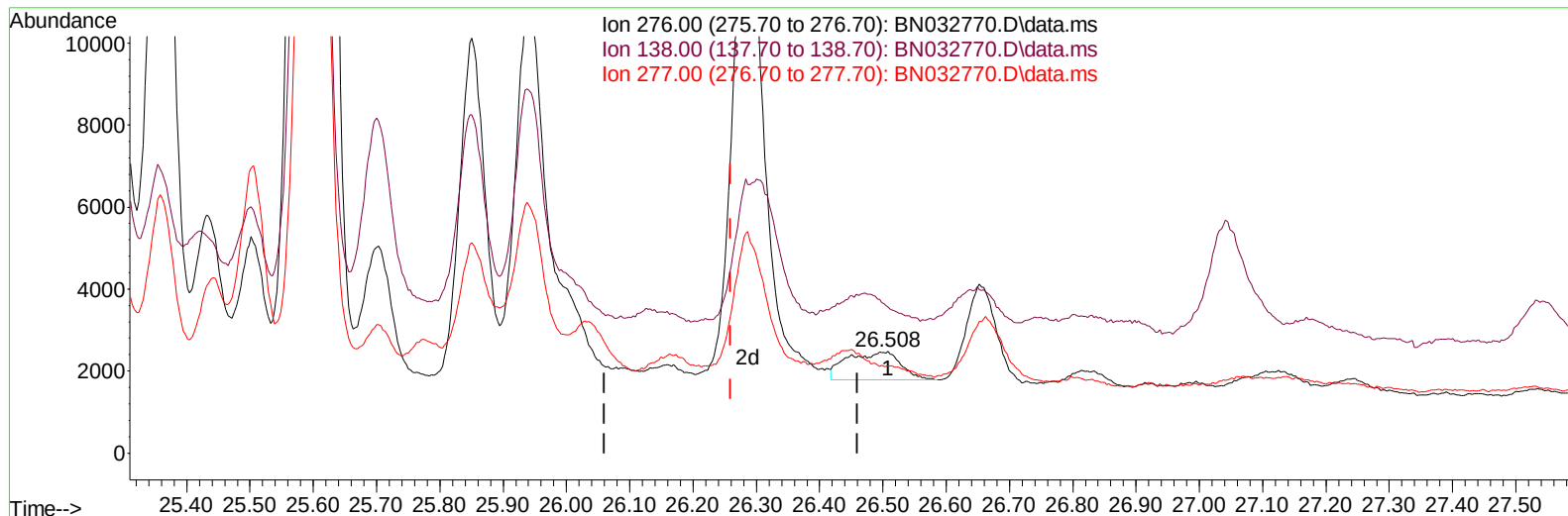
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032770.D
Acq On : 17 Jul 2024 09:23
Operator : MA/JU
Sample : P3100-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D08

Manual IntegrationsAPPROVED

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TIC: BN032770.D\data.ms

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

26.508min (+ 0.248) 0.05 ng/u1

response 4053

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	144.03#
277.00	25.80	86.12#
0.00	0.00	0.00

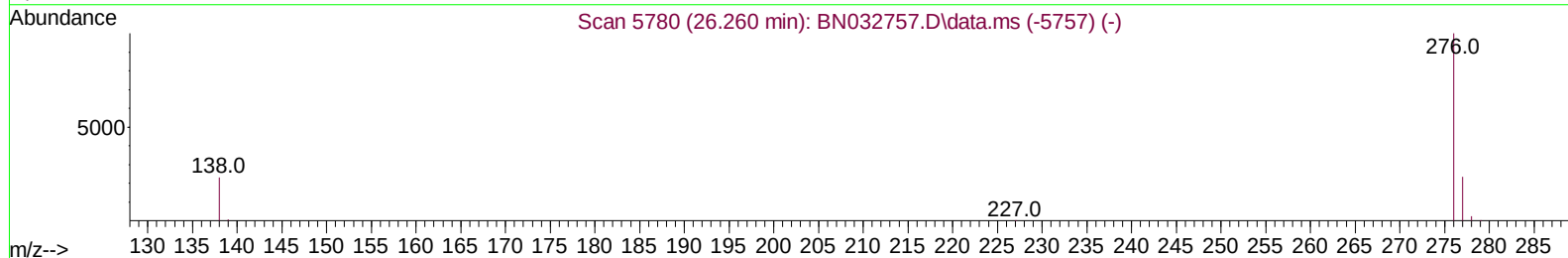
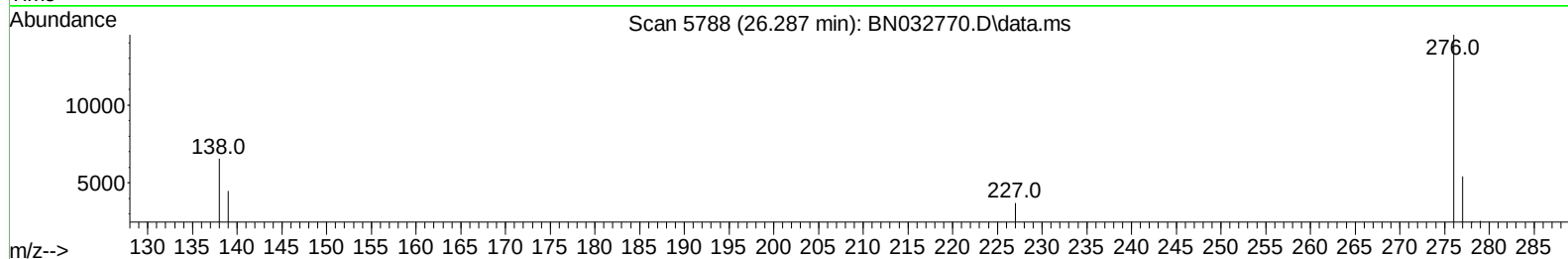
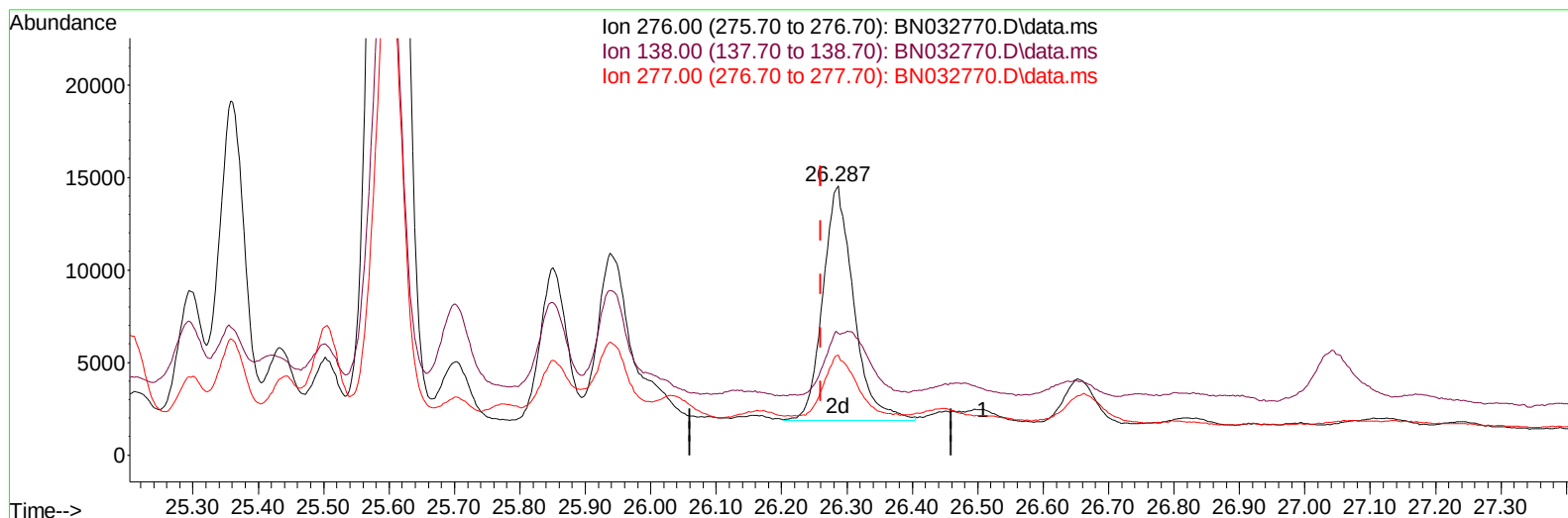
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032770.D
Acq On : 17 Jul 2024 09:23
Operator : MA/JU
Sample : P3100-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D08

Manual IntegrationsAPPROVED

Quant Time: Jul 17 11:04:31 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: BN032770.D\data.ms

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

26.287min (+ 0.027) 0.50 ng/ul m

response 41427

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	45.12#
277.00	25.80	37.22#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032770.D
 Acq On : 17 Jul 2024 09:23
 Operator : MA/JU
 Sample : P3100-17
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D08

Manual IntegrationsAPPROVED

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

Quant Time: Jul 17 11:04:31 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.544	152	5127	0.400	ng/ul	0.00
4) Naphthalene-d8	10.316	136	15779	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.193	164	8967	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.957	188	19118m	0.400	ng/ul	0.00
17) Chrysene-d12	21.173	240	16527m	0.400	ng/ul	0.00
23) Perylene-d12	23.377	264	24103m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	28409	4.615	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.916	152	5831	0.245	ng/ul	-0.02
18) Fluoranthene-d10	18.999	212	12815m	0.238	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.365	128	33178	0.783	ng/ul	98
7) 2-Methylnaphthalene	11.988	142	17893	0.677	ng/ul	96
8) 1-Methylnaphthalene	12.213	142	16006	0.585	ng/ul	99
10) Acenaphthylene	13.915	152	59234	1.635	ng/ul	100
11) Acenaphthene	14.258	153	26737	0.892	ng/ul	99
12) Fluorene	15.252	166	30921	0.903	ng/ul	99
14) Pentachlorophenol	16.628	266	227m	0.068	ng/ul	
15) Phenanthrene	16.995	178	534639m	10.268	ng/ul	
16) Anthracene	17.088	178	139693m	3.284	ng/ul	
19) Fluoranthene	19.031	202	979296m	14.574	ng/ul	
20) Pyrene	19.394	202	683101m	9.821	ng/ul	
21) Benzo(a)anthracene	21.159	228	527069m	10.019	ng/ul	
22) Chrysene	21.208	228	594357m	7.810	ng/ul	
24) Benzo(b)fluoranthene	22.719	252	892591m	10.496	ng/ul	
25) Benzo(k)fluoranthene	22.757	252	338995m	3.271	ng/ul	
26) Benzo(a)pyrene	23.281	252	296805m	4.033	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.599	276	310150m	3.112	ng/ul	
28) Dibenzo(a,h)anthracene	25.596	278	123967m	1.605	ng/ul	
29) Benzo(g,h,i)perylene	26.287	276	41427m	0.497	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
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Operator : MA/JU
Sample : P3100-17
Misc :
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Instrument :
BNA_N
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A4D08

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