

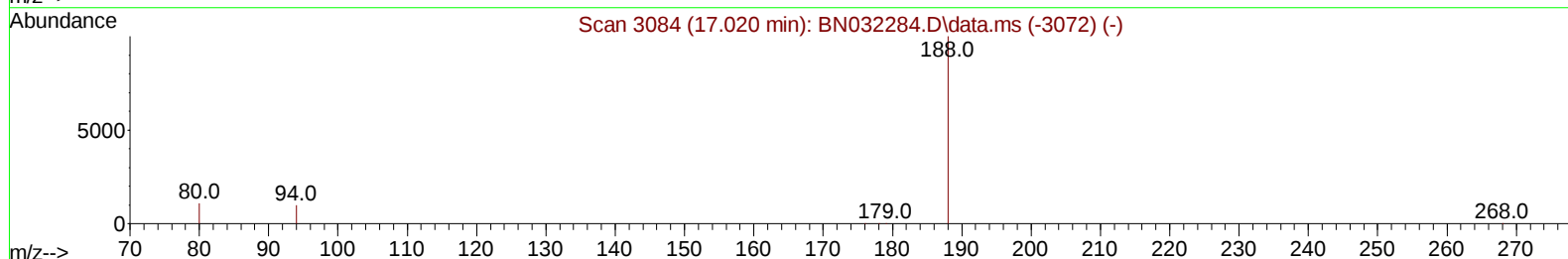
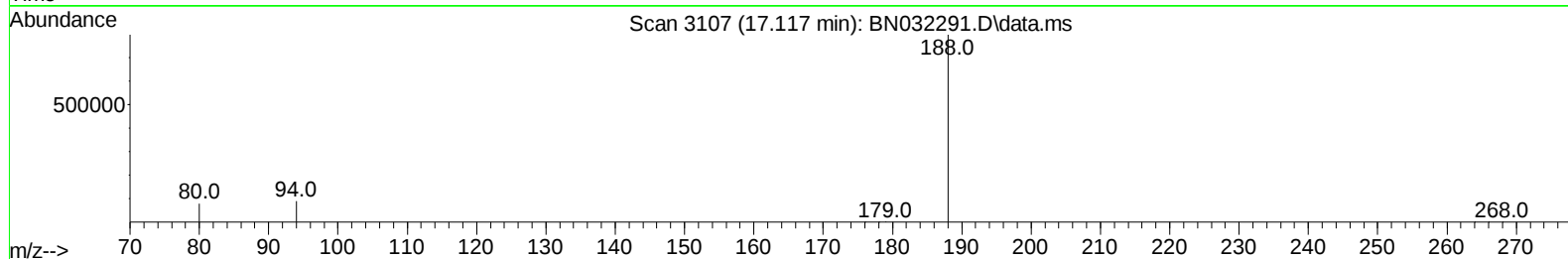
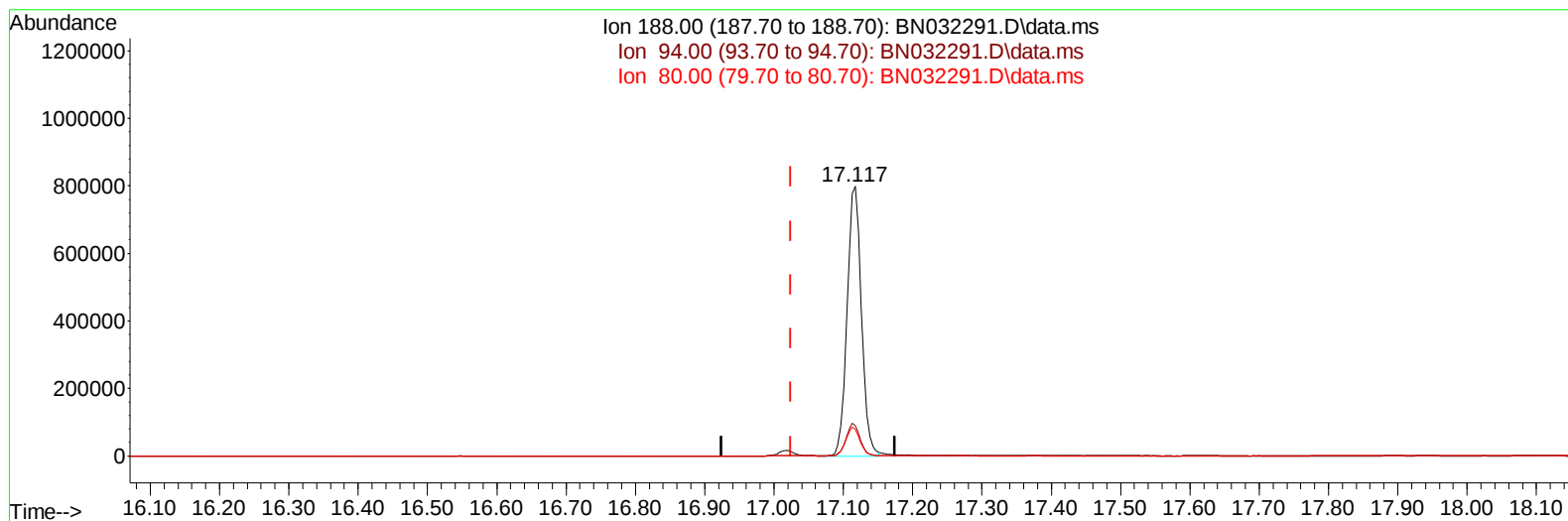
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032291.D
Acq On : 27 Jun 2024 21:54
Operator : MA/JU
Sample : P2909-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B45

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032291.D\data.ms

(13) Phenanthrene-d10 (I)

17.117min (+ 0.093) 0.40 ng/u1

response 1142027

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.27
80.00	10.50	9.88
0.00	0.00	0.00

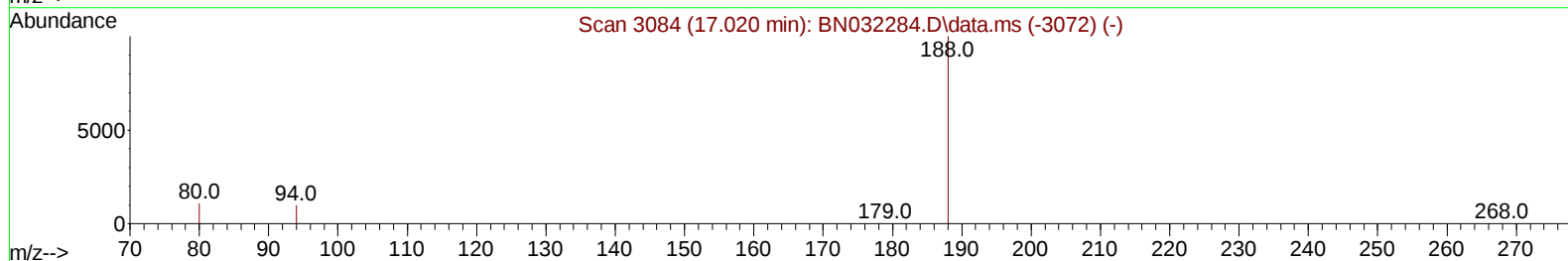
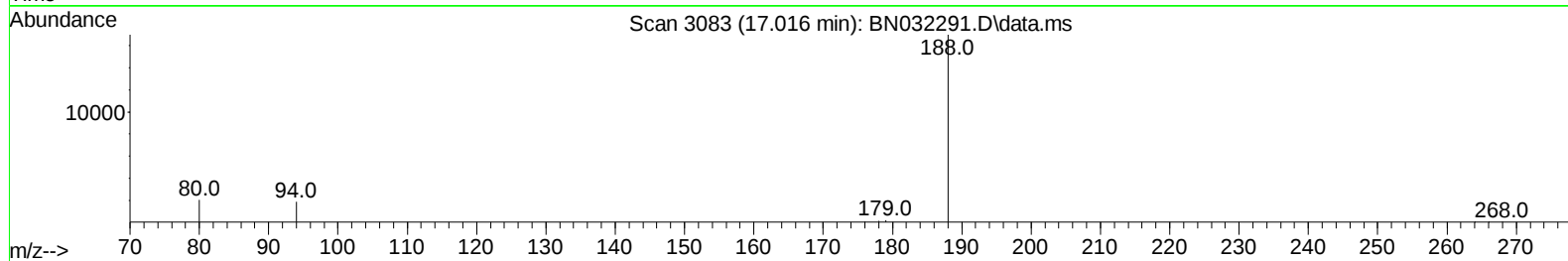
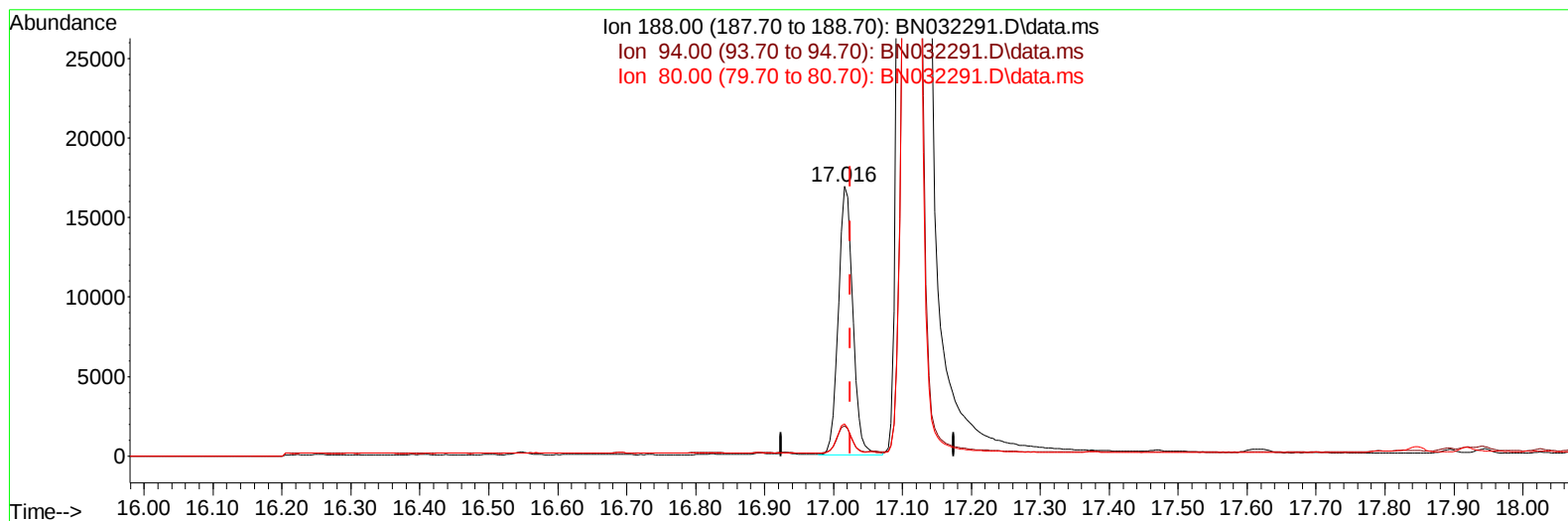
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032291.D
Acq On : 27 Jun 2024 21:54
Operator : MA/JU
Sample : P2909-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B45

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032291.D\data.ms

(13) Phenanthrene-d10 (I)

17.016min (-0.009) 0.40 ng/ul m

response 24513

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.16
80.00	10.50	12.04
0.00	0.00	0.00

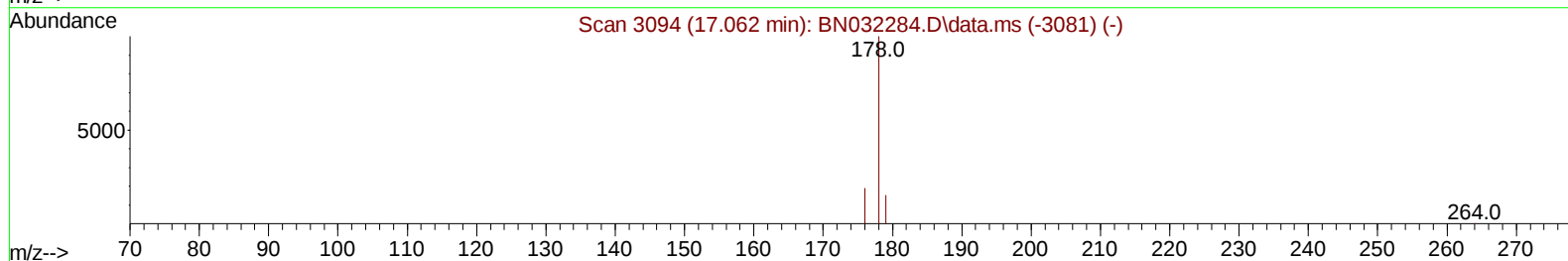
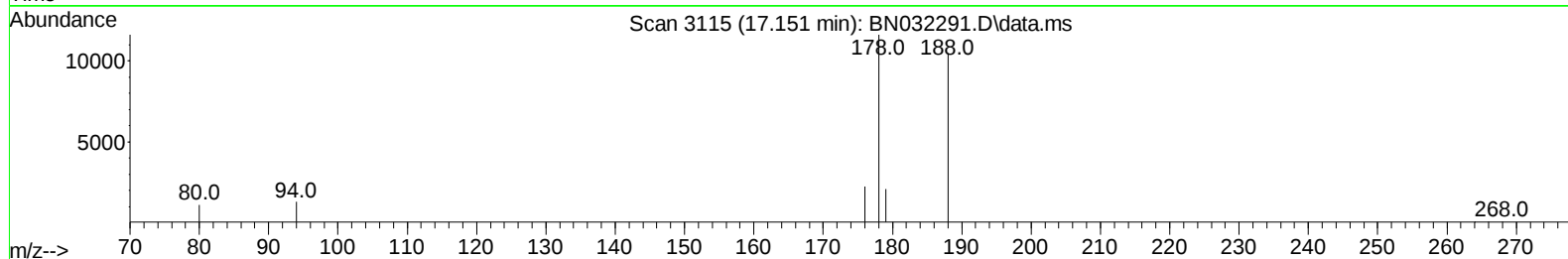
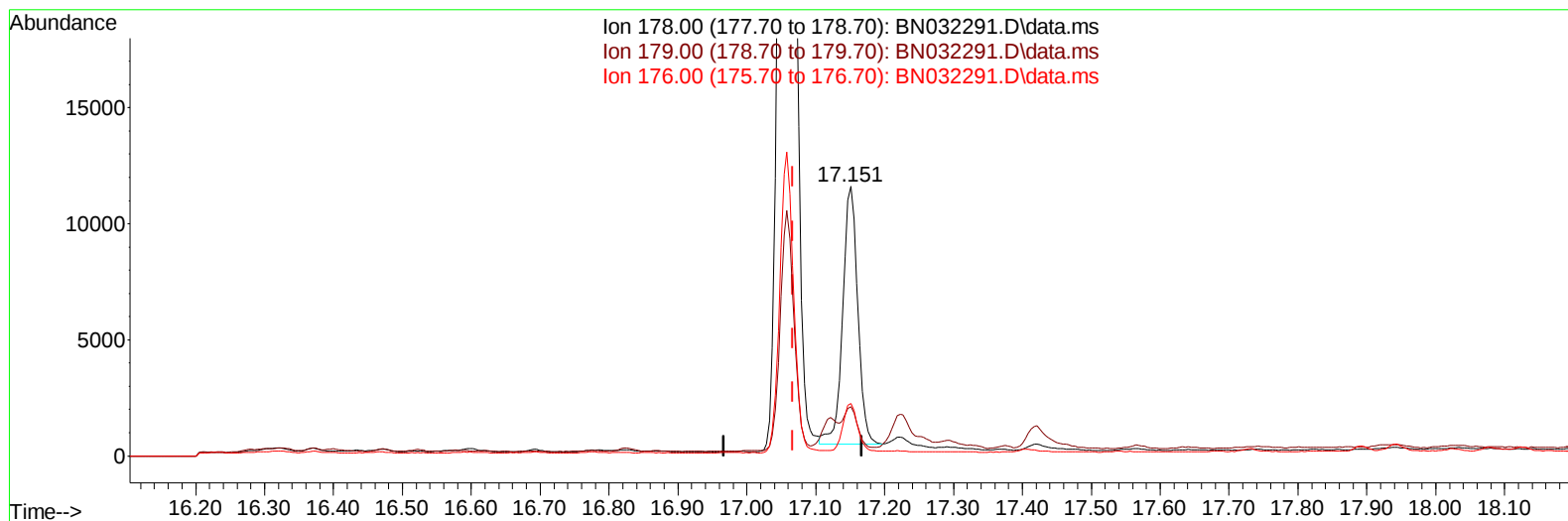
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032291.D
Acq On : 27 Jun 2024 21:54
Operator : MA/JU
Sample : P2909-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B45

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/28/2024
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TIC: BN032291.D\data.ms

(15) Phenanthrene

17.151min (+ 0.084) 0.25 ng/u1

response 16782

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	18.22
176.00	19.50	19.40
0.00	0.00	0.00

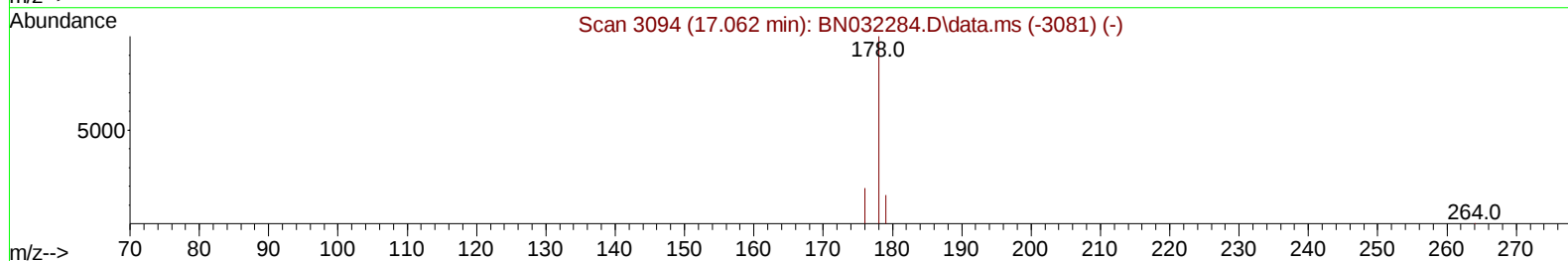
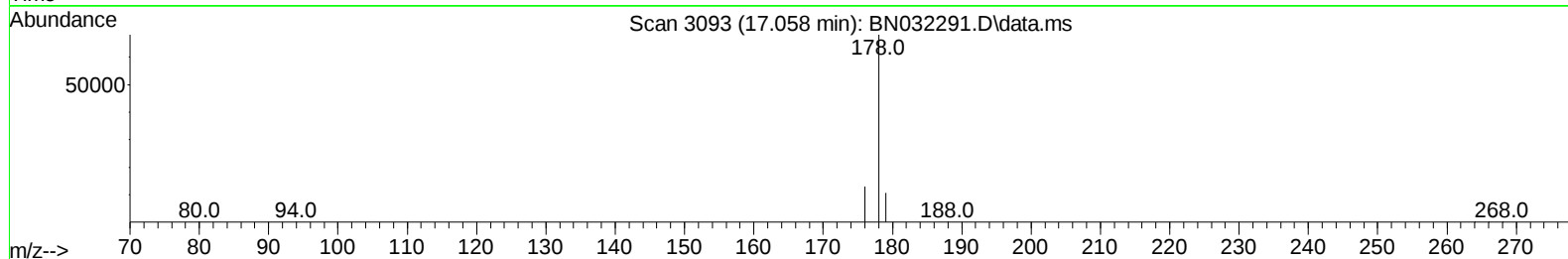
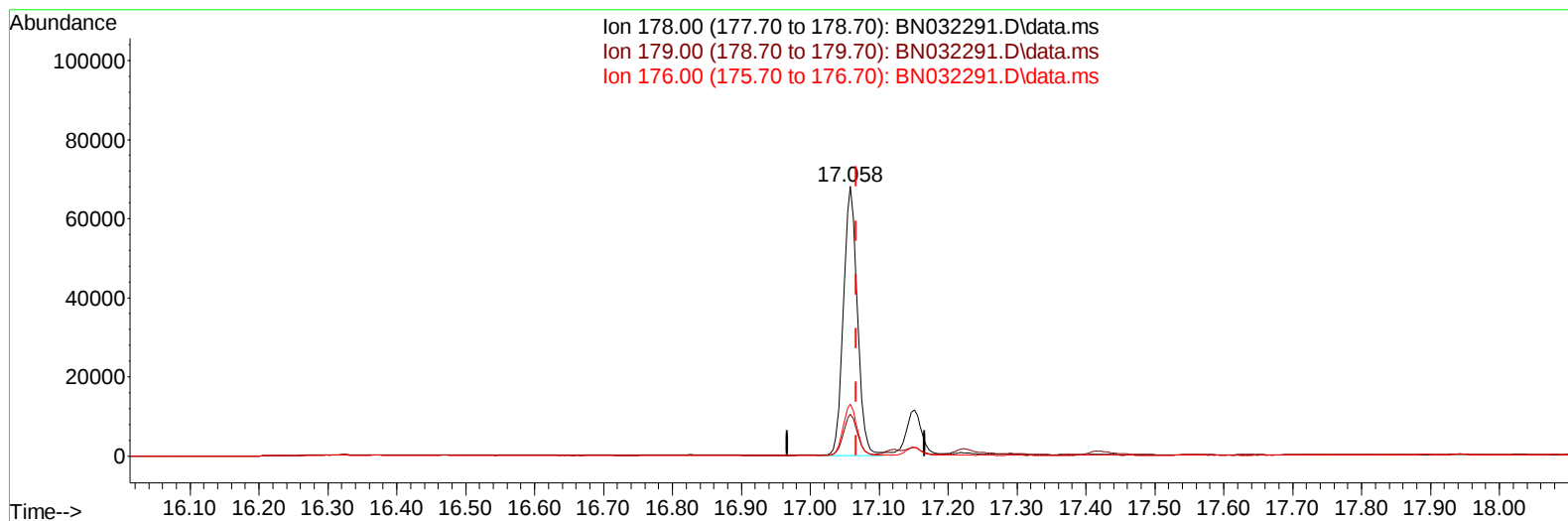
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032291.D
Acq On : 27 Jun 2024 21:54
Operator : MA/JU
Sample : P2909-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B45

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024

Quant Time: Jun 28 00:28:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration



TIC: BN032291.D\data.ms

(15) Phenanthrene

17.058min (-0.009) 1.42 ng/ul m

response 95698

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.51
176.00	19.50	19.22
0.00	0.00	0.00

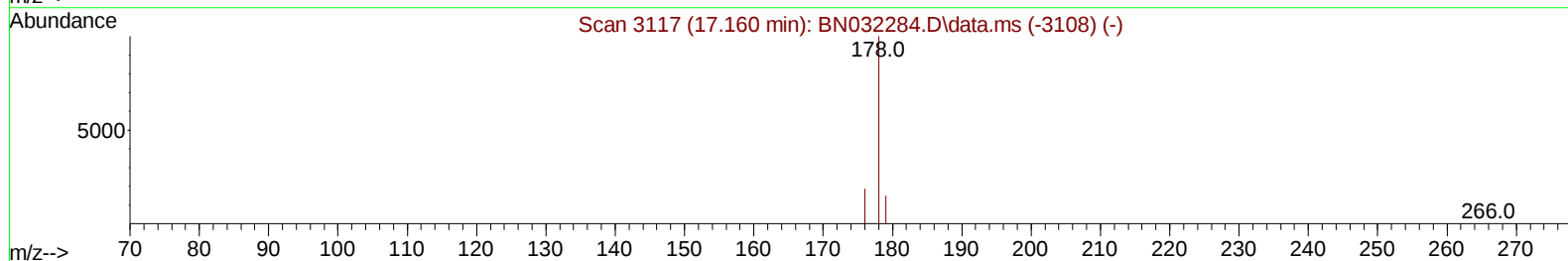
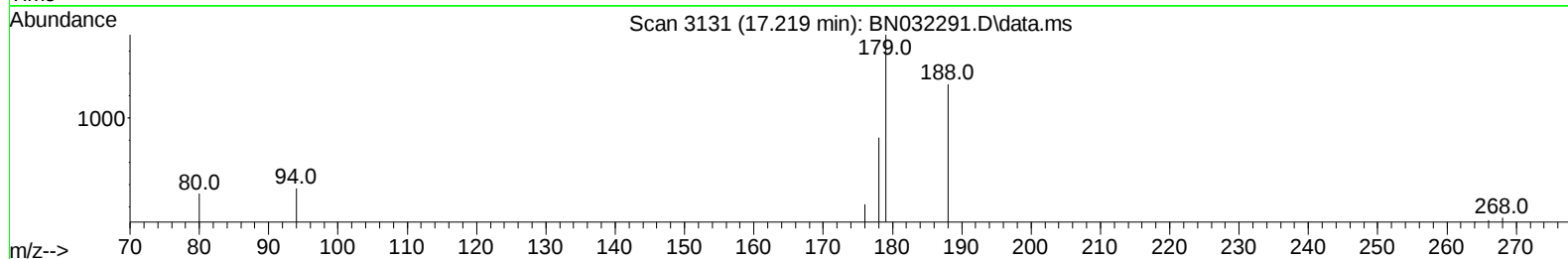
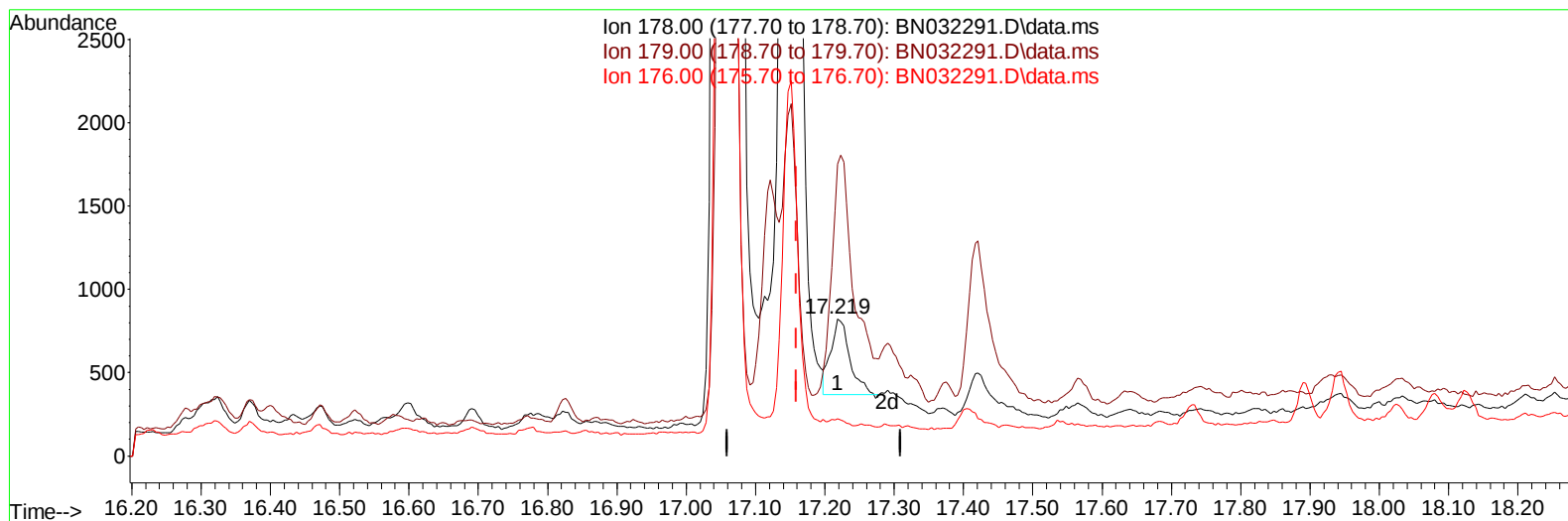
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032291.D
Acq On : 27 Jun 2024 21:54
Operator : MA/JU
Sample : P2909-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B45

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032291.D\data.ms

(16) Anthracene

17.219min (+ 0.059) 0.01 ng/u1

response 862

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	212.76#
176.00	18.80	27.10#
0.00	0.00	0.00

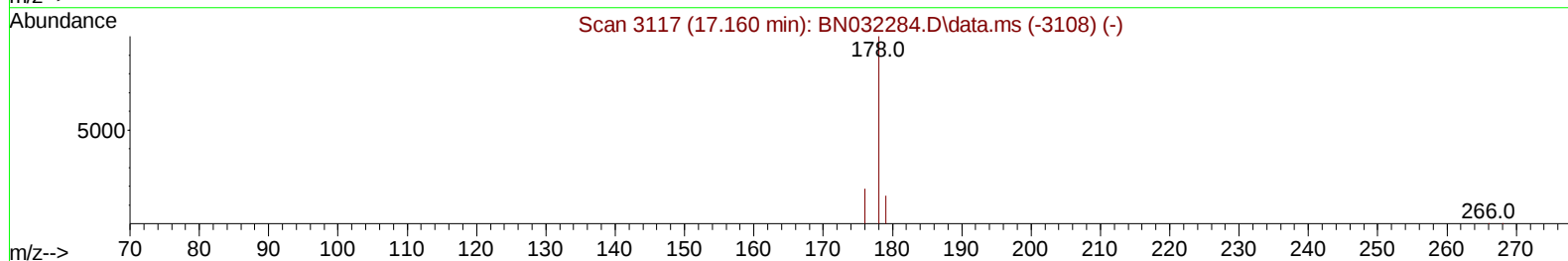
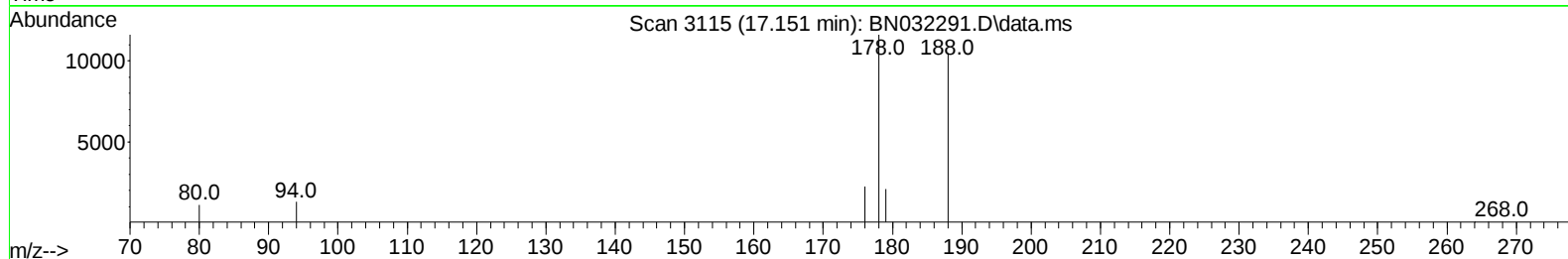
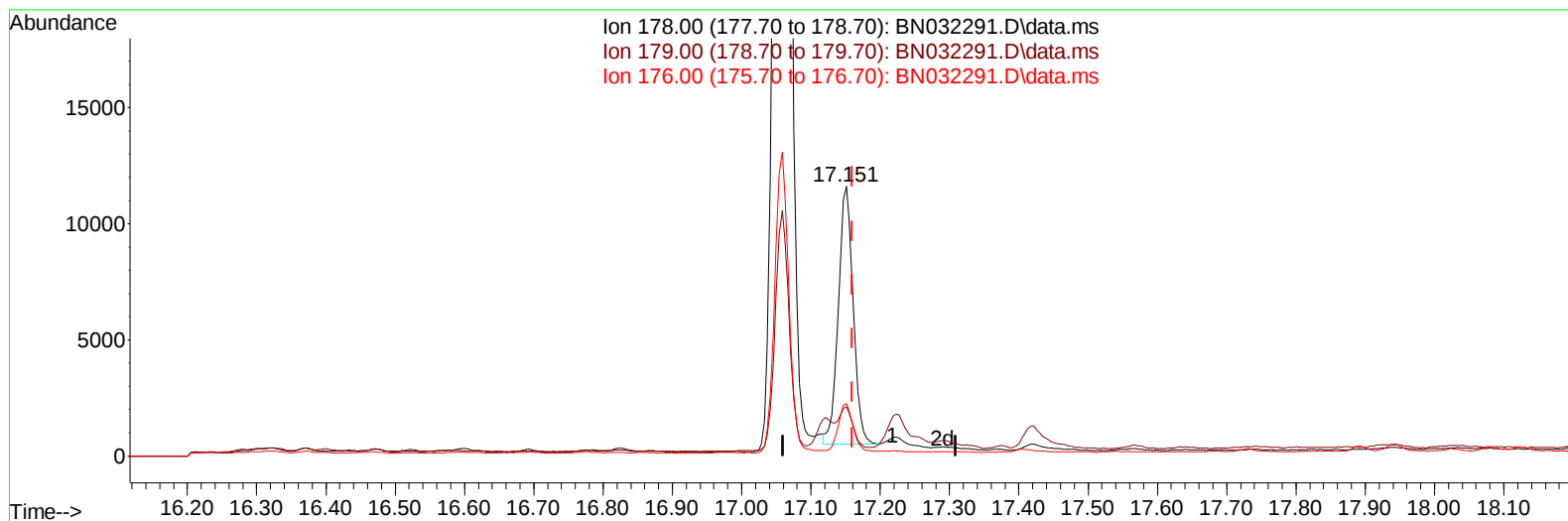
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032291.D
Acq On : 27 Jun 2024 21:54
Operator : MA/JU
Sample : P2909-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B45

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032291.D\data.ms

(16) Anthracene

17.151min (-0.009) 0.28 ng/u1 m

response 16526

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	18.22
176.00	18.80	19.40
0.00	0.00	0.00

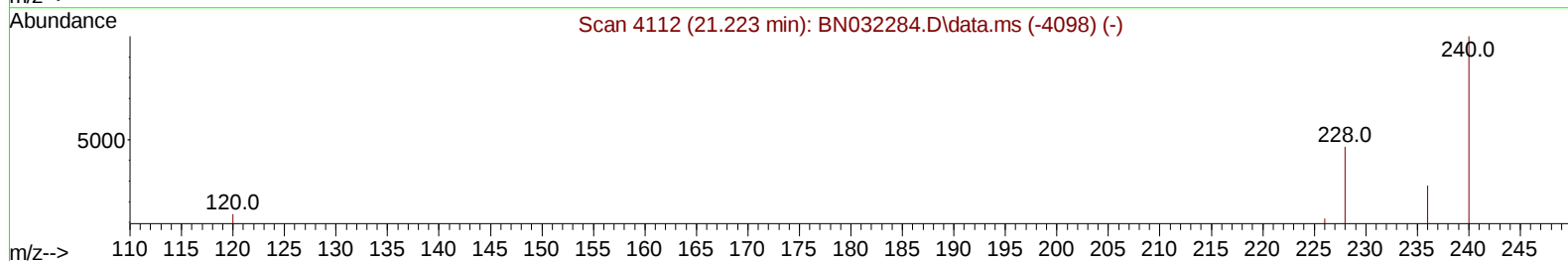
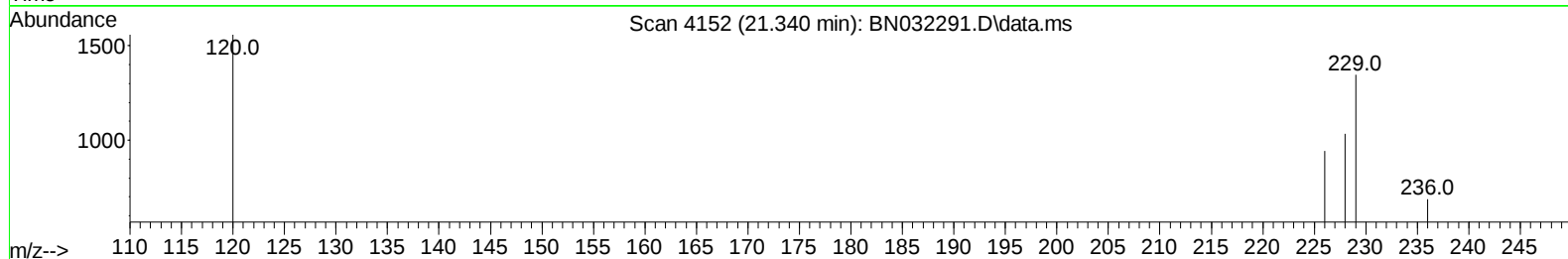
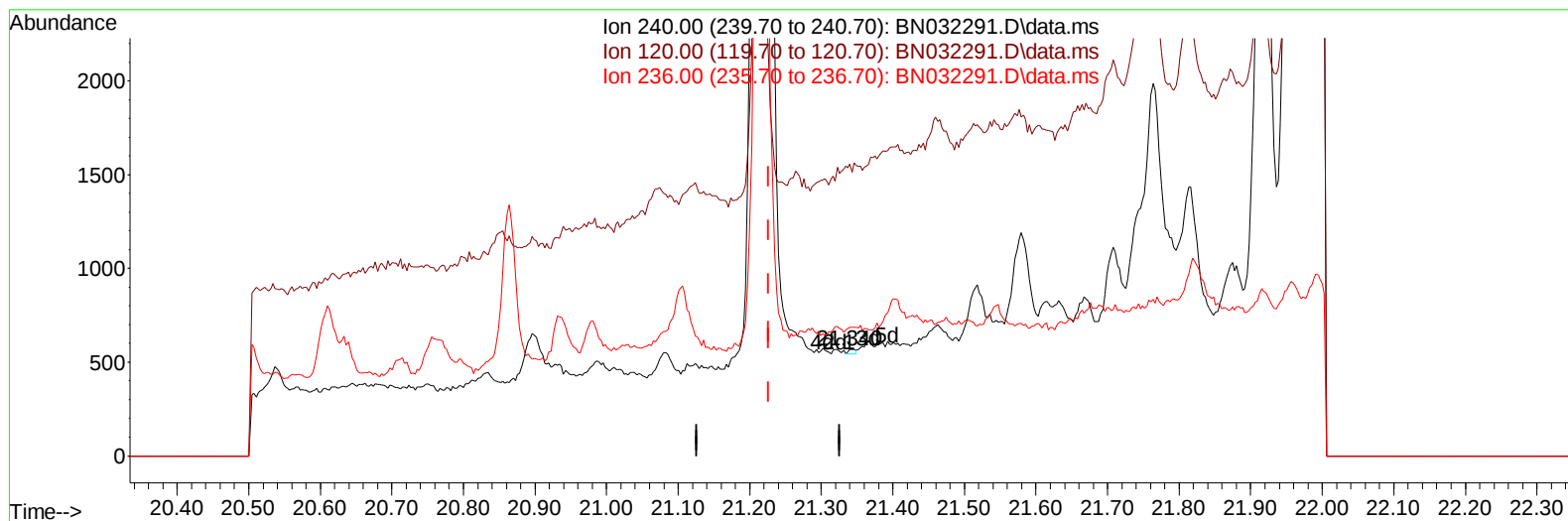
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032291.D
Acq On : 27 Jun 2024 21:54
Operator : MA/JU
Sample : P2909-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B45

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032291.D\data.ms

(17) Chrysene-d12

21.340min (+ 0.114) 0.40 ng/u1

response 17

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	274.78#
236.00	28.40	121.16#
0.00	0.00	0.00

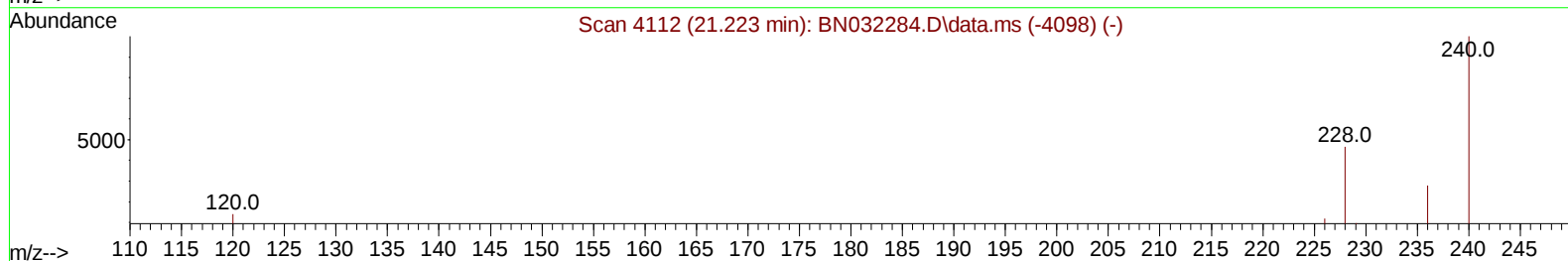
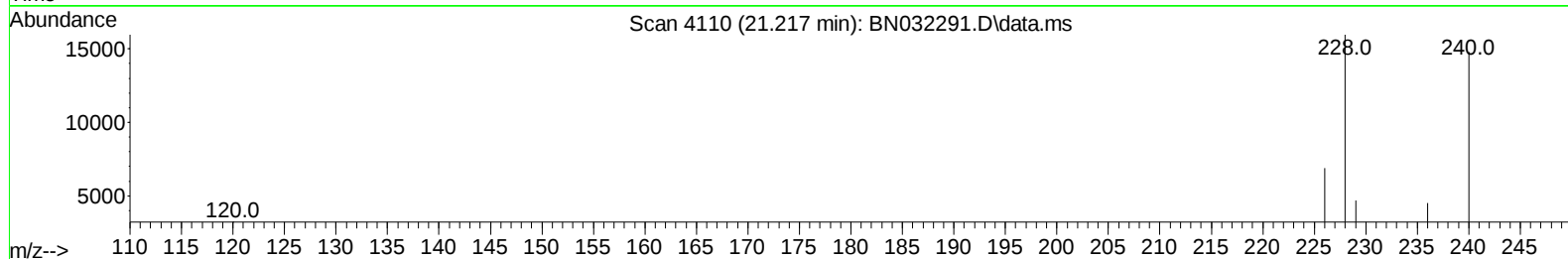
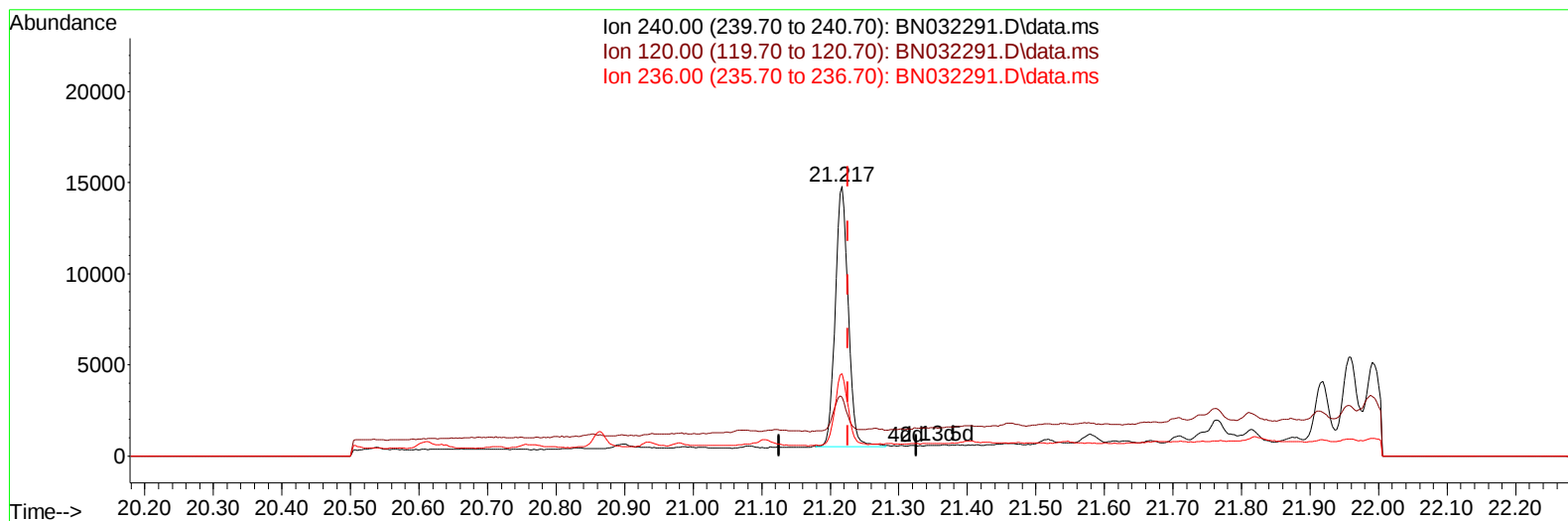
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032291.D
Acq On : 27 Jun 2024 21:54
Operator : MA/JU
Sample : P2909-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B45

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024

Quant Time: Jun 28 00:28:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration



TIC: BN032291.D\data.ms

(17) Chrysene-d12

21.217min (-0.009) 0.40 ng/ul m

response 18901

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	21.77#
236.00	28.40	30.55
0.00	0.00	0.00

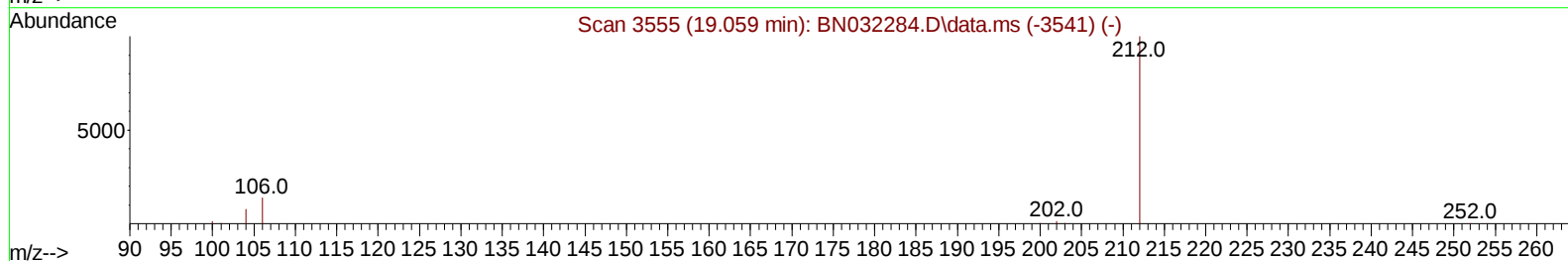
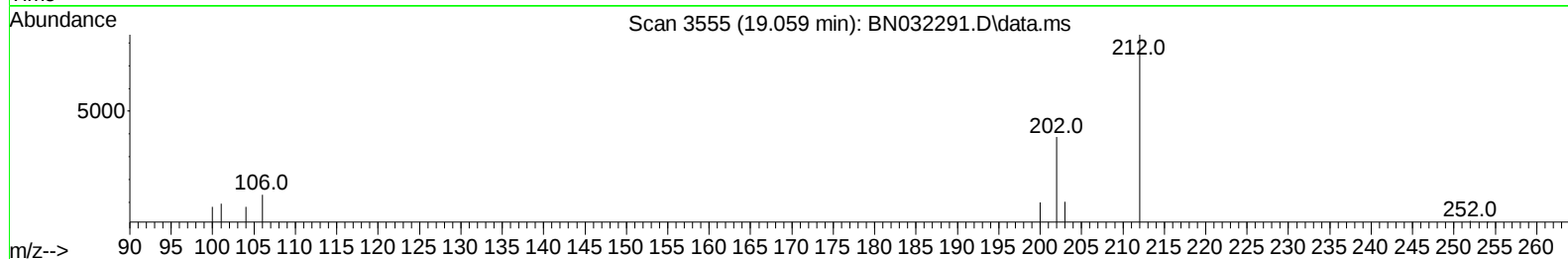
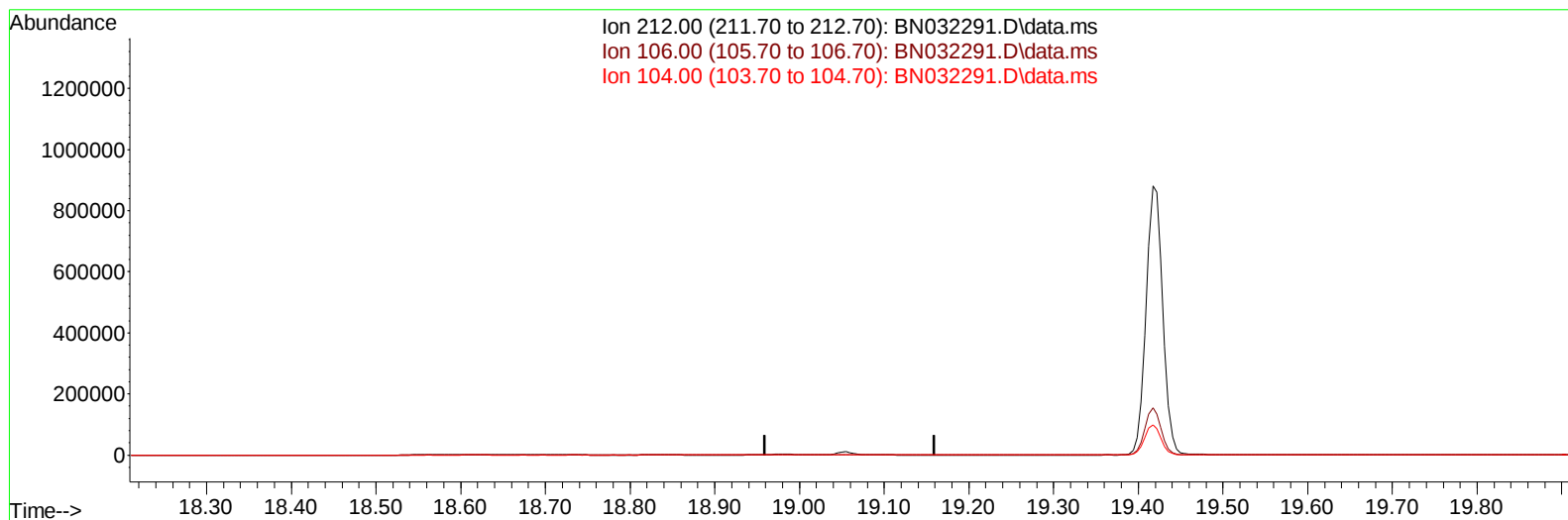
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032291.D
Acq On : 27 Jun 2024 21:54
Operator : MA/JU
Sample : P2909-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B45

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

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Supervised By :mohammad ahmed 06/28/2024



TIC: BN032291.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.059min (-19.059) 0.00 ng/u1

response 0

Ion	Exp%	Act%
212.00	100.00	0.00
106.00	14.70	0.00#
104.00	8.40	0.00#
0.00	0.00	0.00

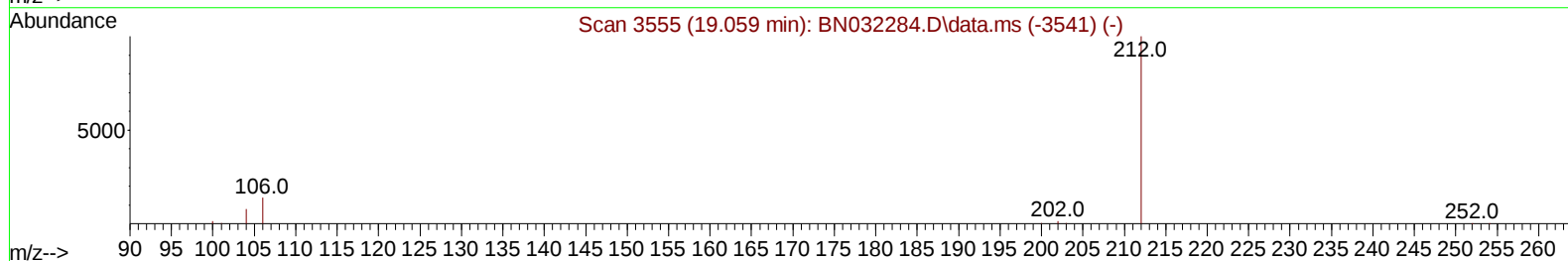
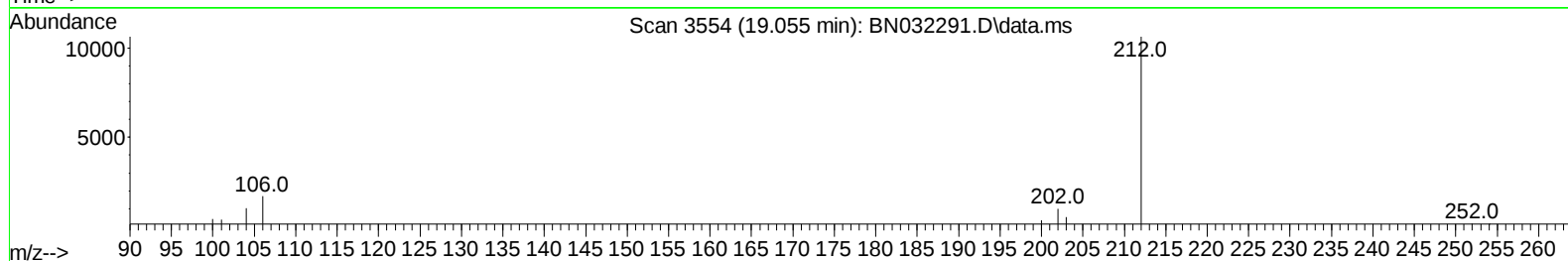
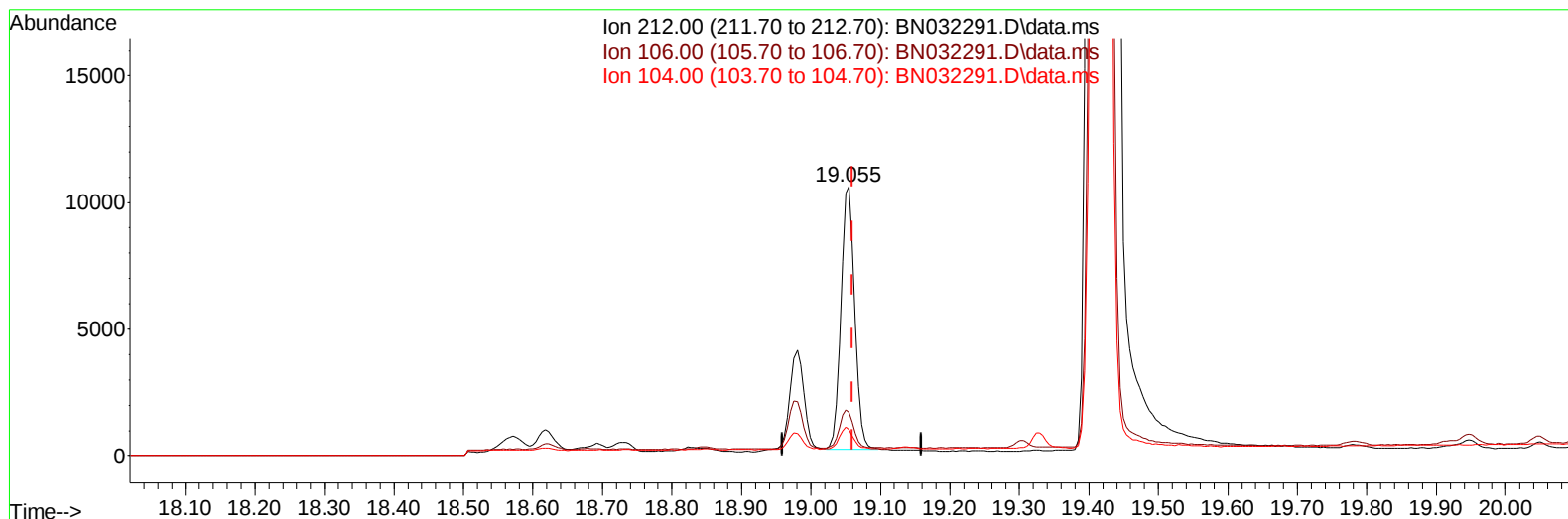
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032291.D
Acq On : 27 Jun 2024 21:54
Operator : MA/JU
Sample : P2909-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B45

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032291.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.055min (-0.005) 0.25 ng/ul m

response 14371

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	0.00#
104.00	8.40	0.00#
0.00	0.00	0.00

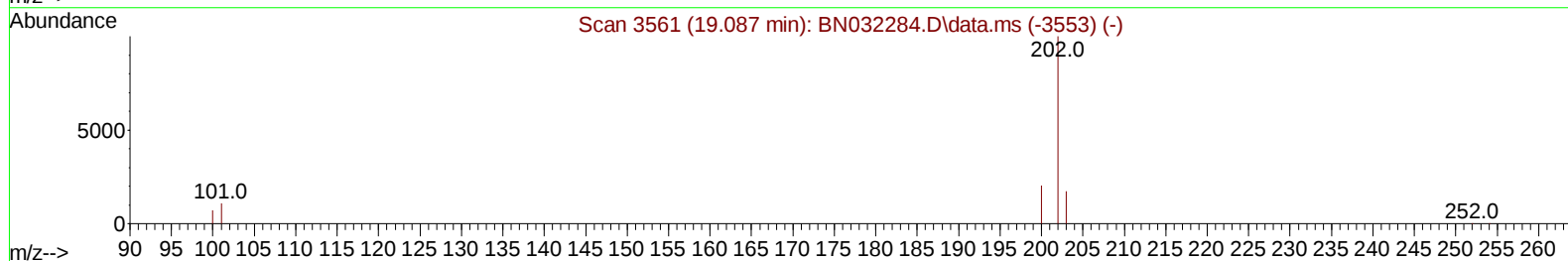
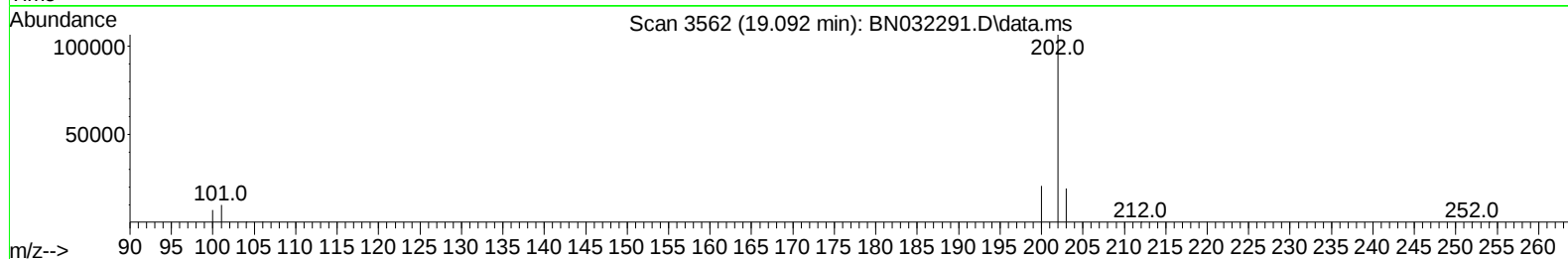
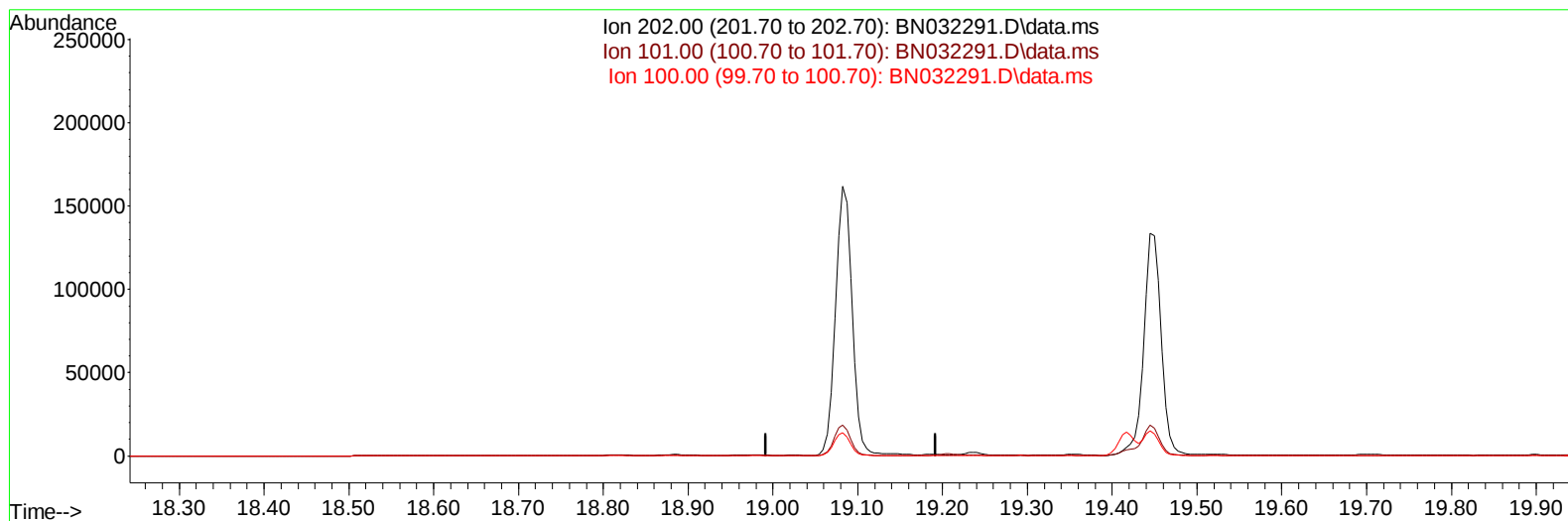
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032291.D
Acq On : 27 Jun 2024 21:54
Operator : MA/JU
Sample : P2909-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B45

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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QLast Update : Thu Jun 27 13:23:38 2024
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Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032291.D\data.ms

(19) Fluoranthene (C)

19.092min (-19.092) 0.00 ng/u1

response 0

Ion	Exp%	Act%
202.00	100.00	0.00
101.00	11.00	0.00#
100.00	8.00	0.00#
0.00	0.00	0.00

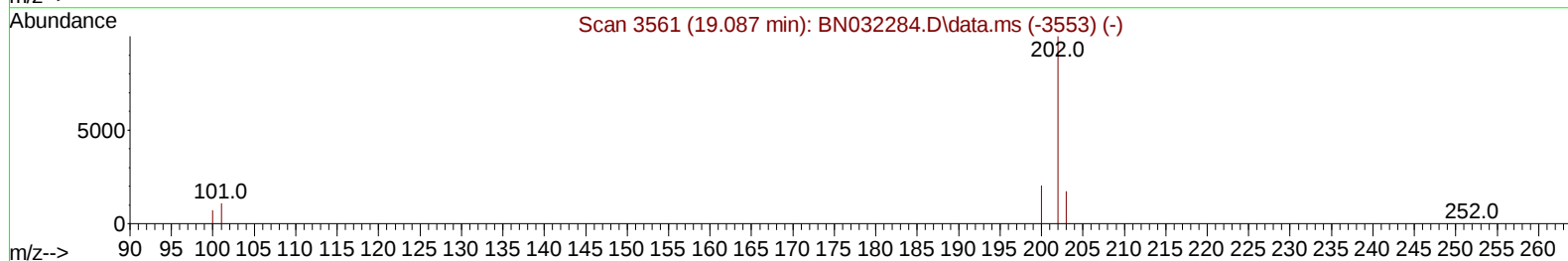
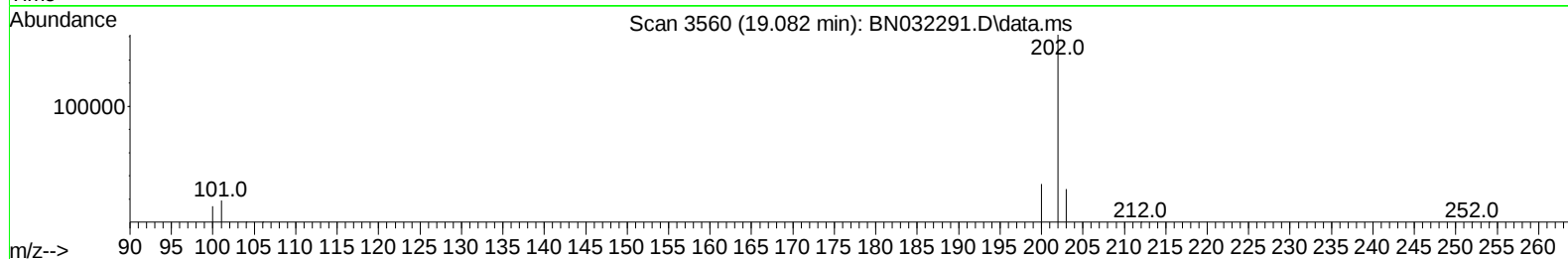
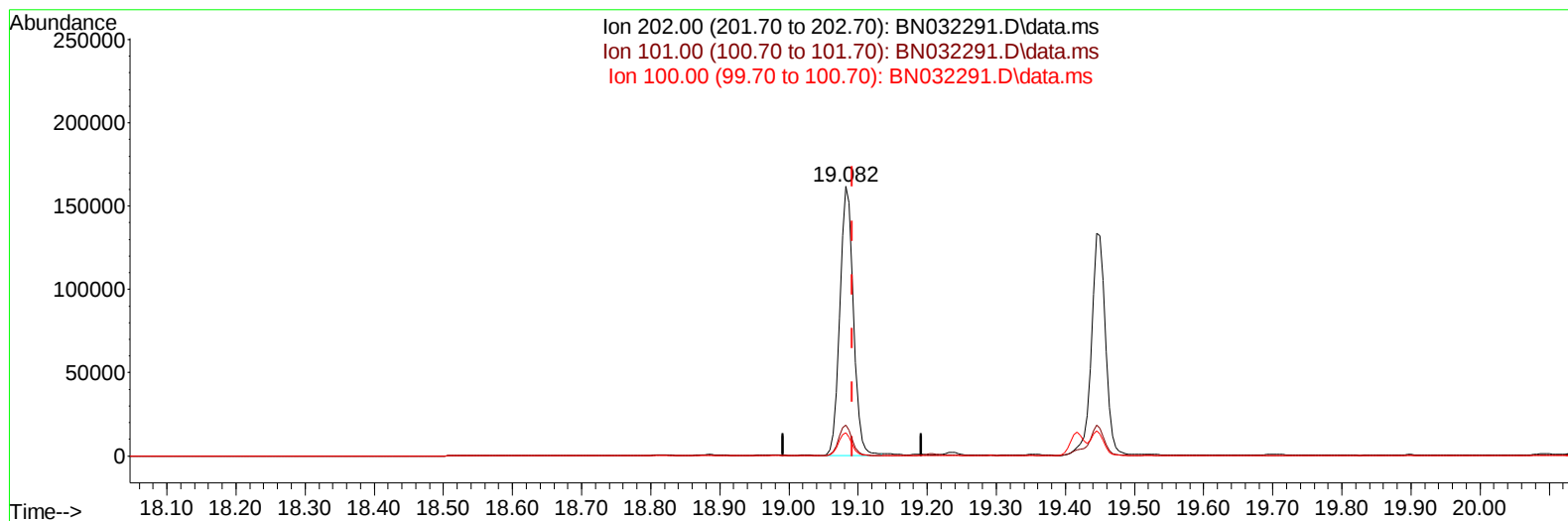
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032291.D
Acq On : 27 Jun 2024 21:54
Operator : MA/JU
Sample : P2909-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B45

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024

Quant Time: Jun 28 00:28:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration



TIC: BN032291.D\data.ms

(19) Fluoranthene (C)

19.082min (-0.009) 3.07 ng/ul m

response 220783

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.46
100.00	8.00	8.66
0.00	0.00	0.00

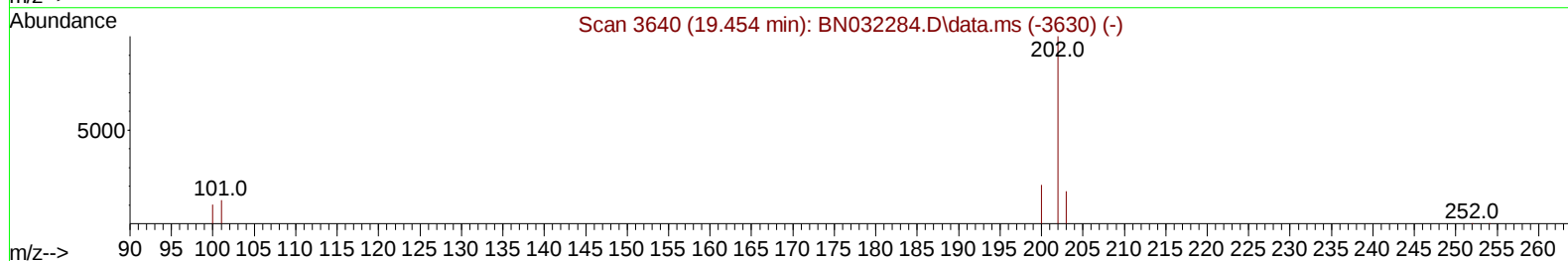
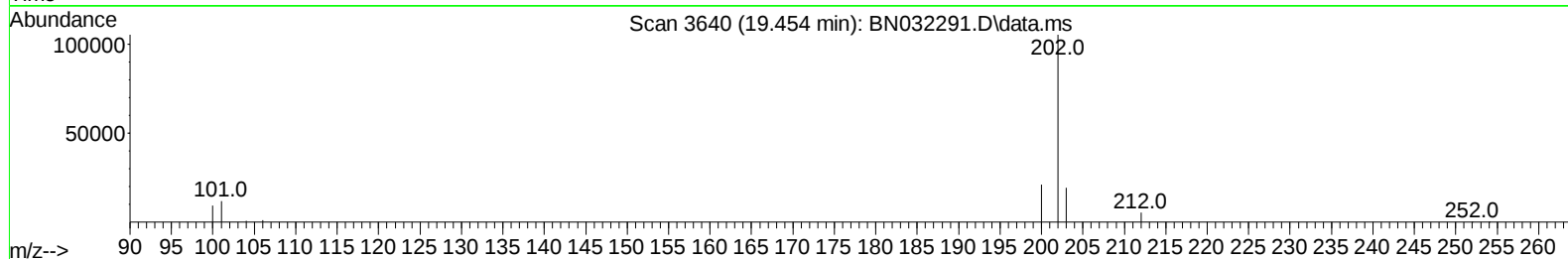
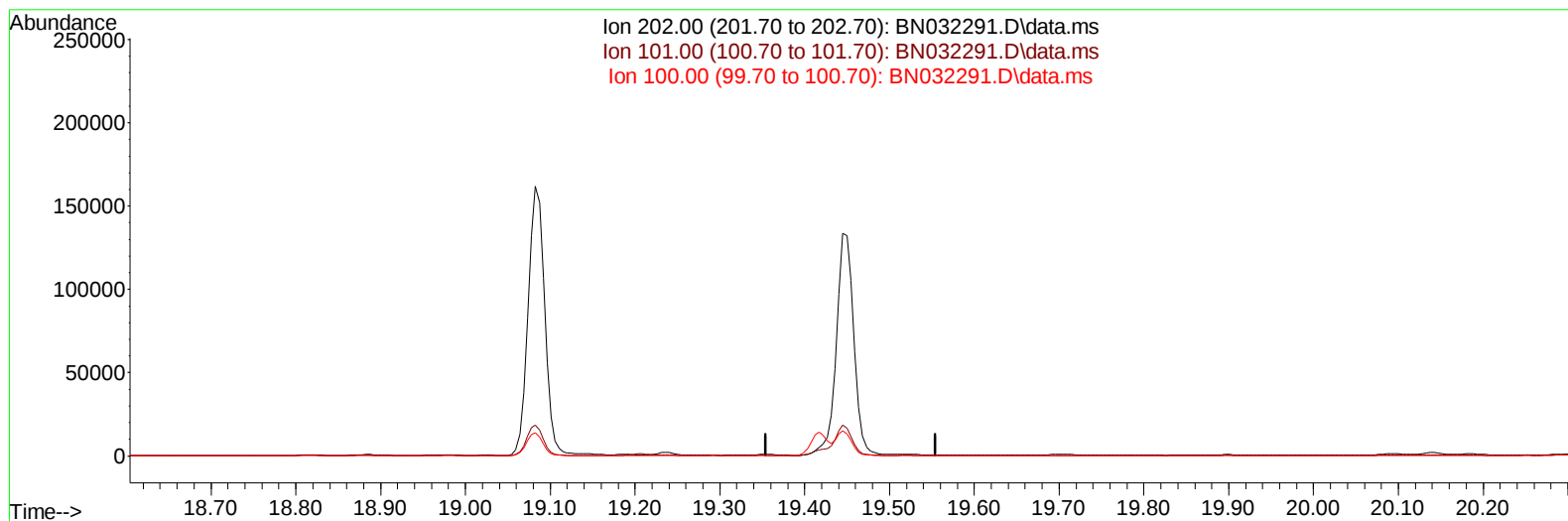
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032291.D
Acq On : 27 Jun 2024 21:54
Operator : MA/JU
Sample : P2909-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B45

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032291.D\data.ms

(20) Pyrene

19.454min (-19.454) 0.00 ng/u1

response 0

Ion	Exp%	Act%
202.00	100.00	0.00
101.00	13.70	0.00#
100.00	10.90	0.00#
0.00	0.00	0.00

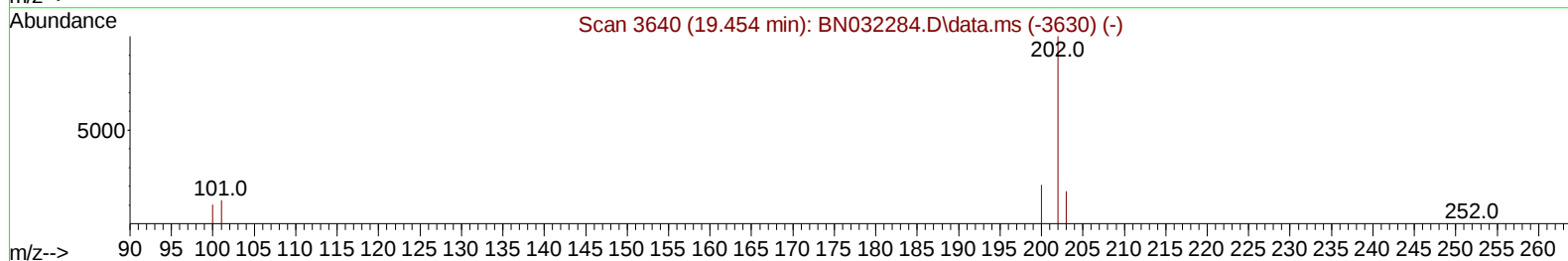
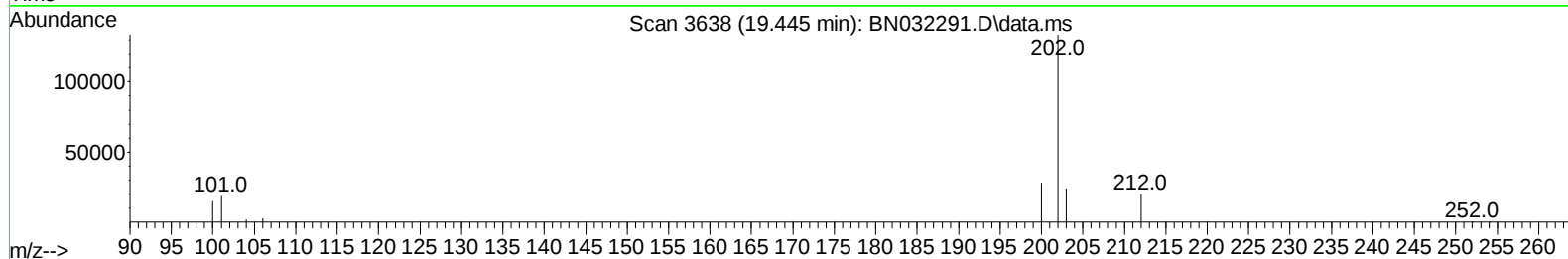
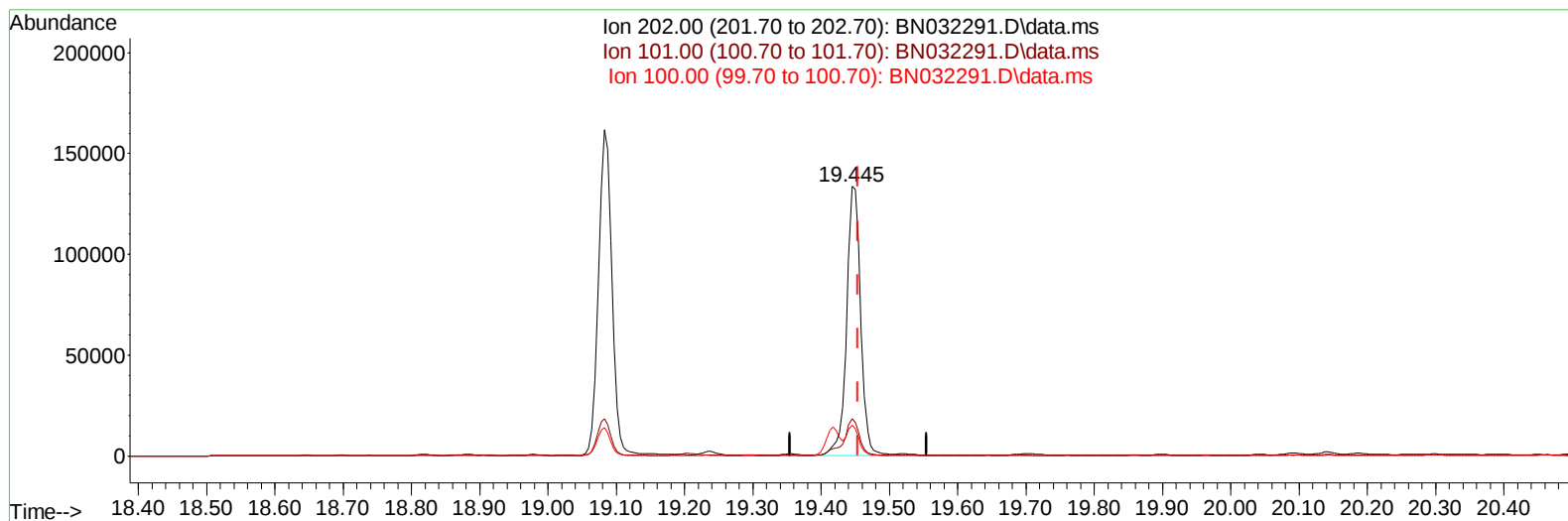
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032291.D
Acq On : 27 Jun 2024 21:54
Operator : MA/JU
Sample : P2909-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B45

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032291.D\data.ms

(20) Pyrene

19.445min (-0.009) 2.57 ng/u1 m

response 193289

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	13.92
100.00	10.90	11.39
0.00	0.00	0.00

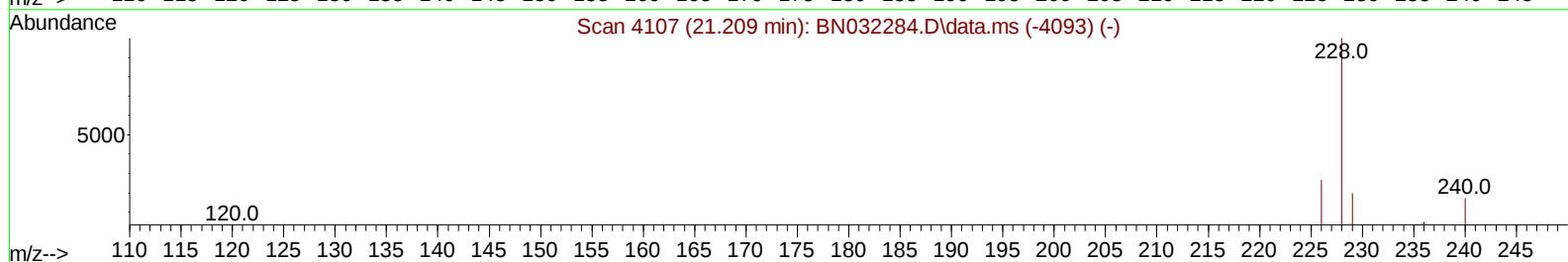
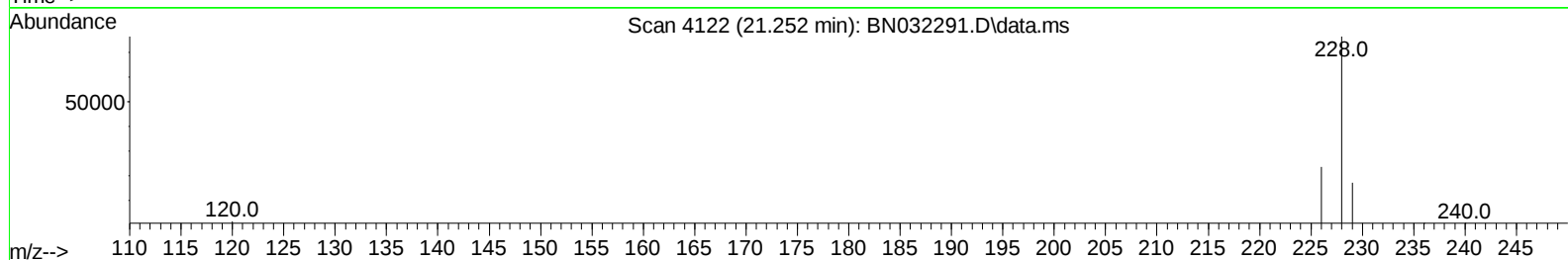
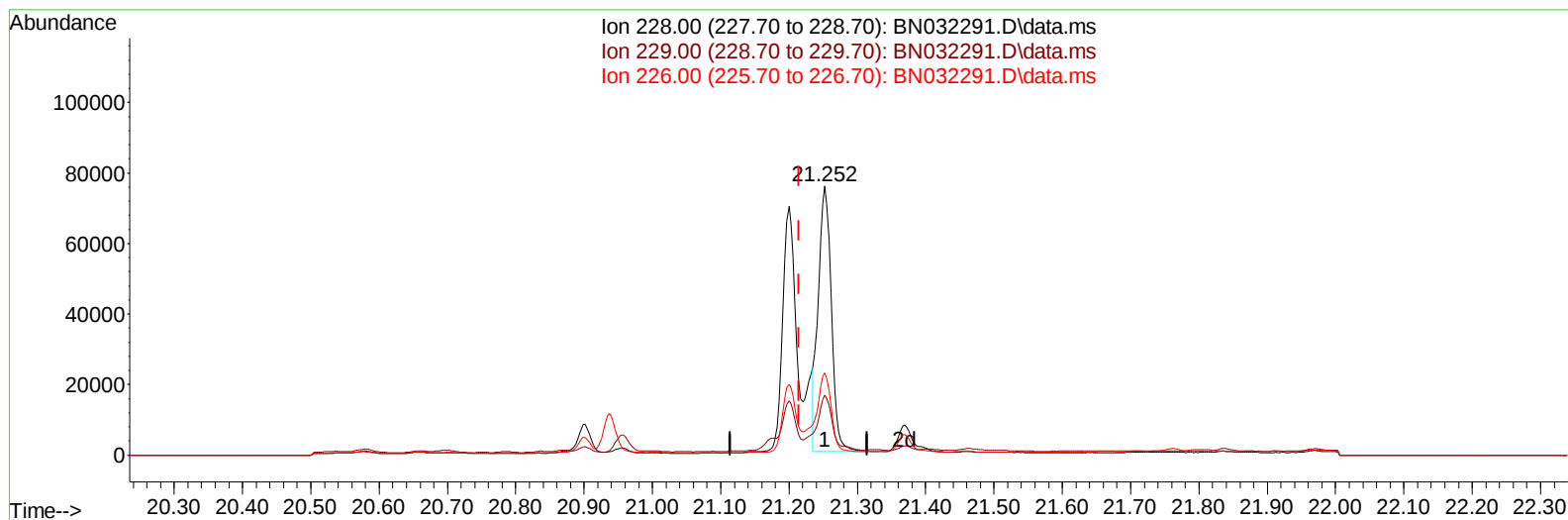
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032291.D
Acq On : 27 Jun 2024 21:54
Operator : MA/JU
Sample : P2909-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B45

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032291.D\data.ms

(21) Benzo(a)anthracene

21.252min (+ 0.038) 1.46 ng/u1

response 99671

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	22.22
226.00	27.30	30.63
0.00	0.00	0.00

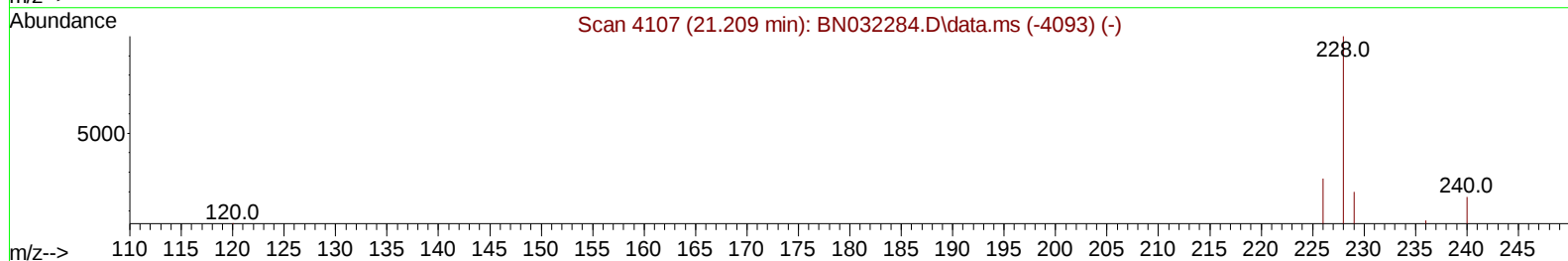
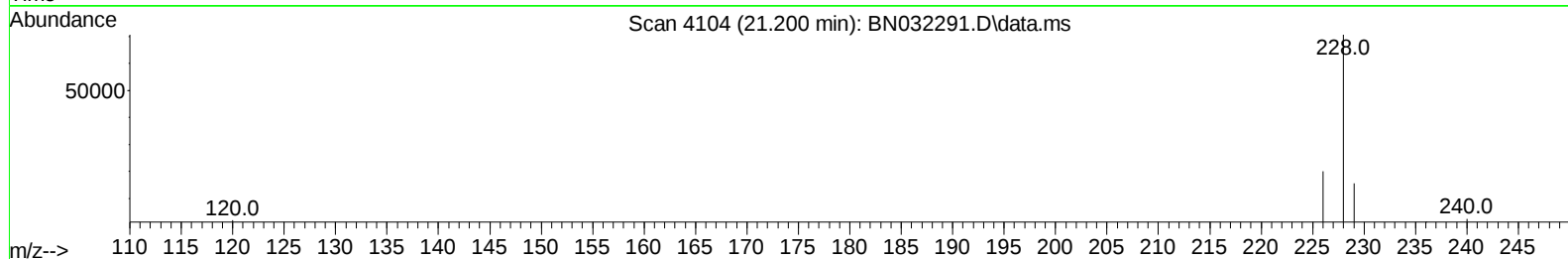
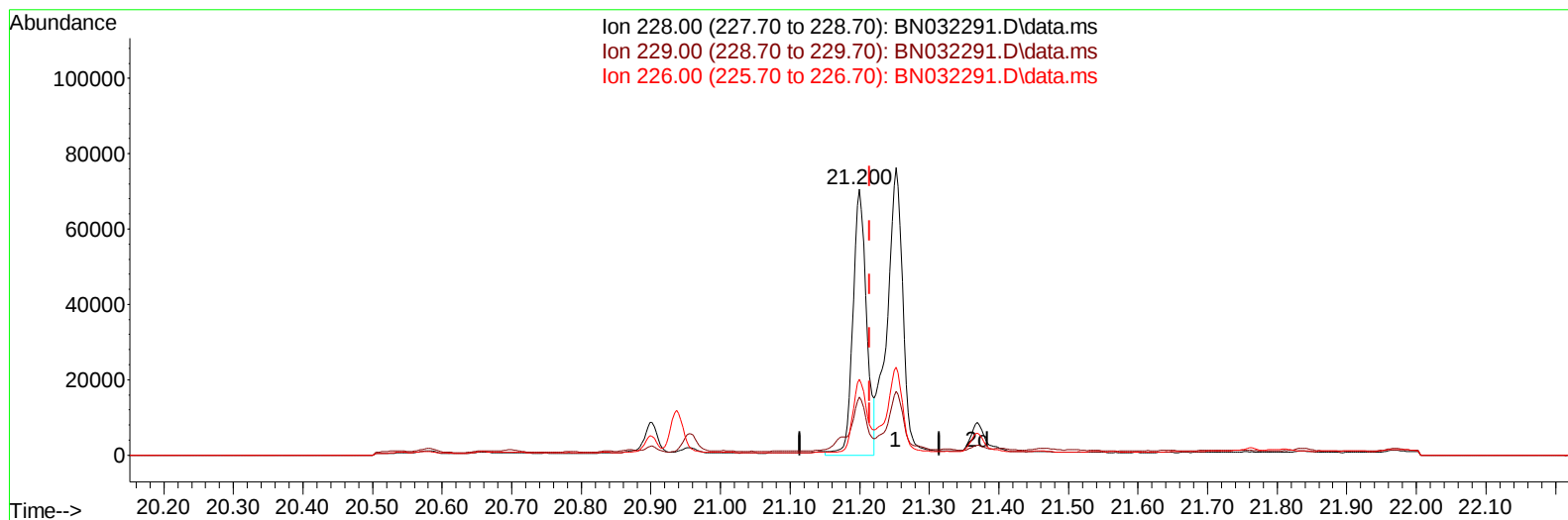
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032291.D
Acq On : 27 Jun 2024 21:54
Operator : MA/JU
Sample : P2909-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B45

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032291.D\data.ms

(21) Benzo(a)anthracene

21.200min (-0.015) 1.40 ng/u1 m

response 95553

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	21.87
226.00	27.30	28.49
0.00	0.00	0.00

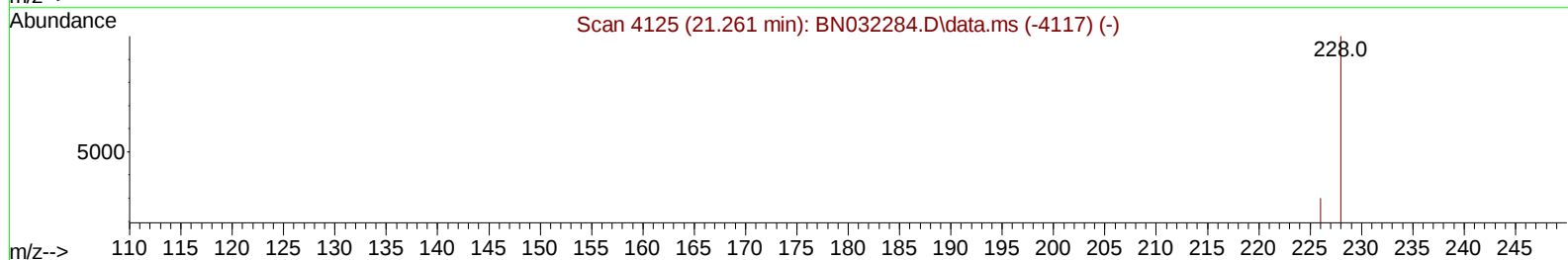
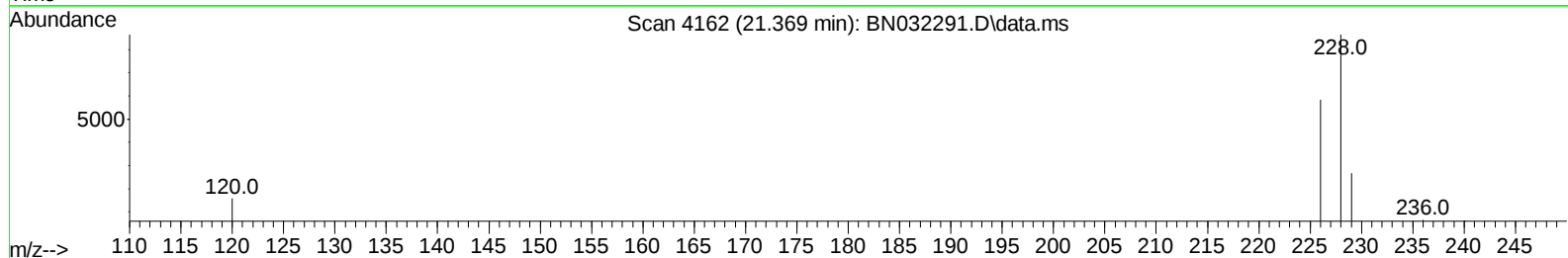
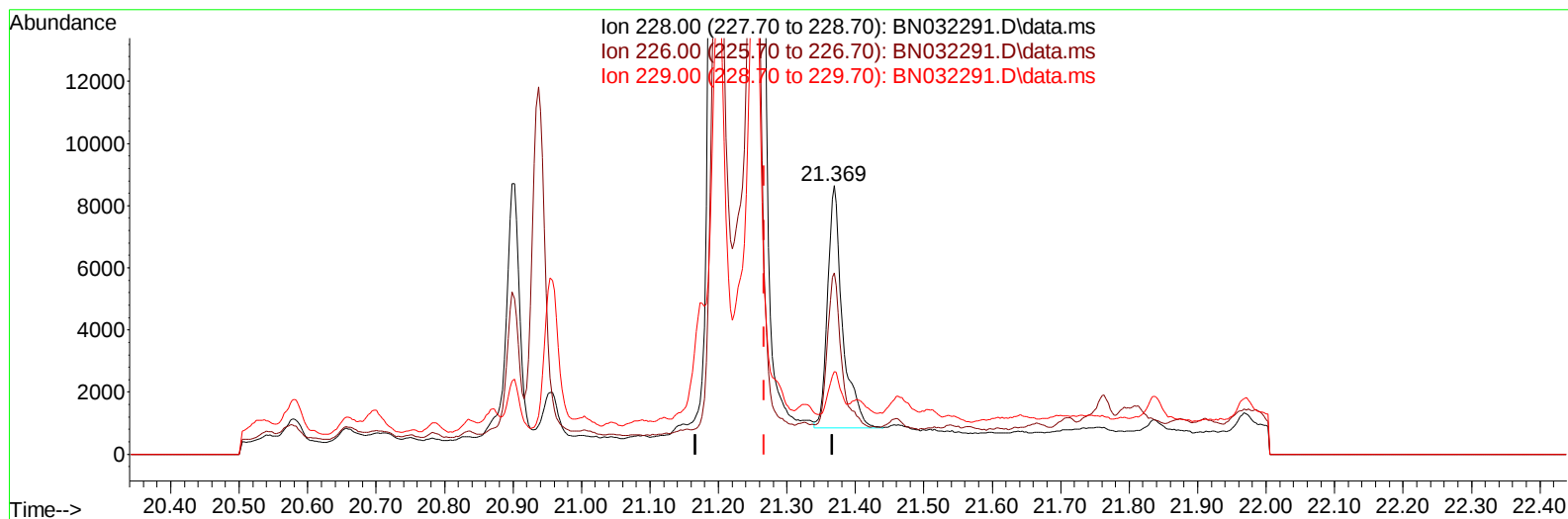
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032291.D
Acq On : 27 Jun 2024 21:54
Operator : MA/JU
Sample : P2909-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B45

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032291.D\data.ms

(22) Chrysene

21.369min (+ 0.102) 0.16 ng/u1

response 11759

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	67.56#
229.00	19.60	30.83#
0.00	0.00	0.00

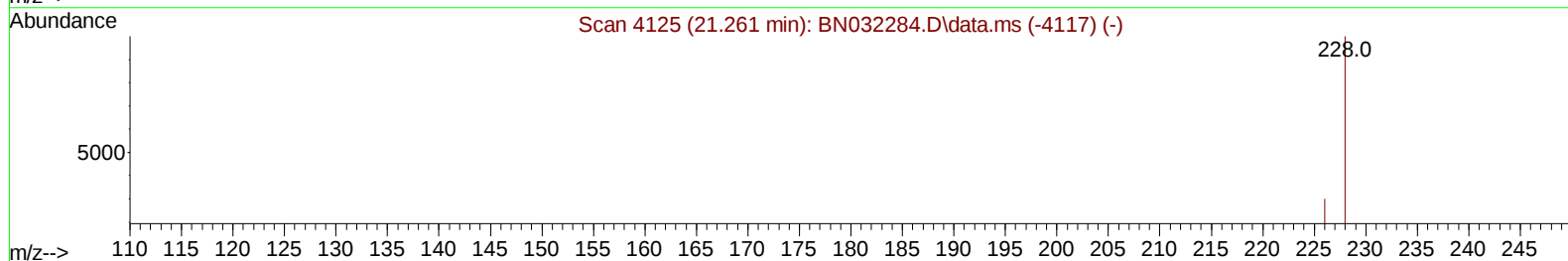
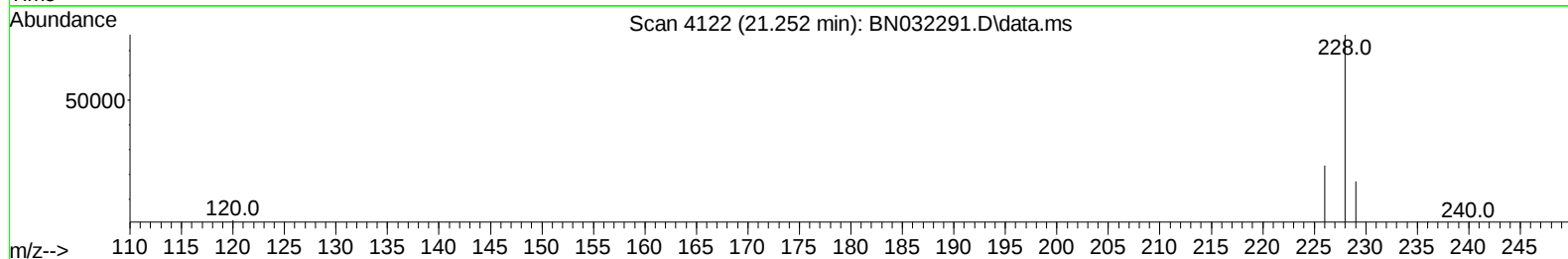
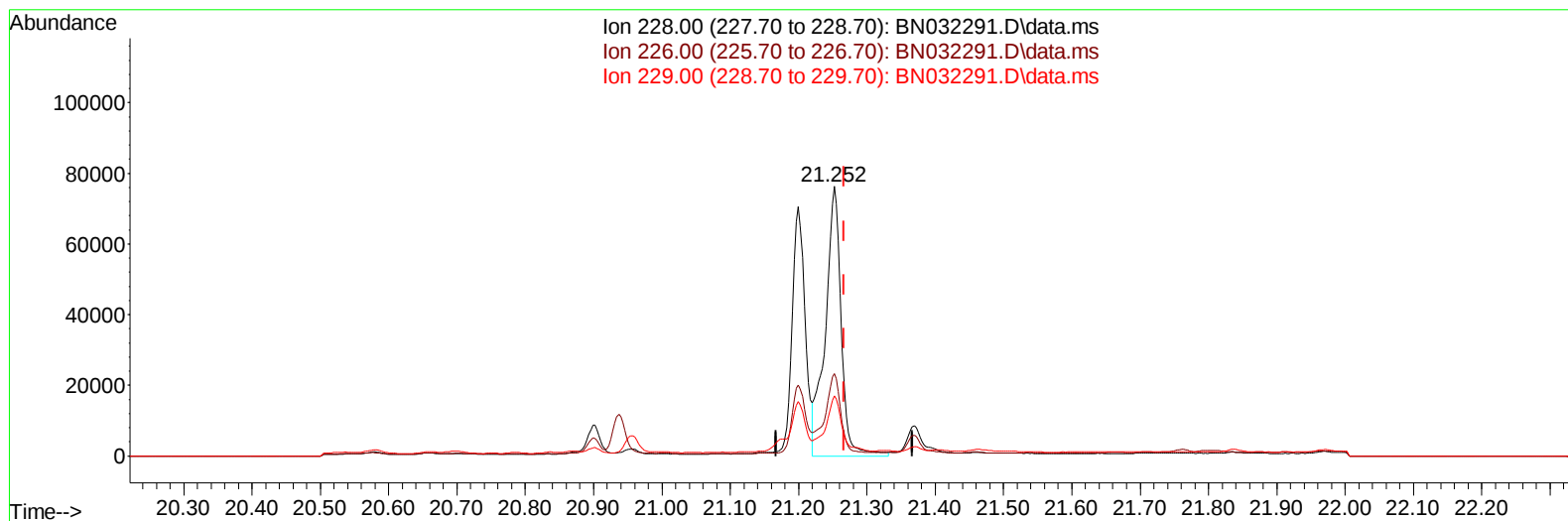
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032291.D
Acq On : 27 Jun 2024 21:54
Operator : MA/JU
Sample : P2909-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B45

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032291.D\data.ms

(22) Chrysene

21.252min (-0.015) 1.65 ng/u1 m

response 123718

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	30.63
229.00	19.60	22.22
0.00	0.00	0.00

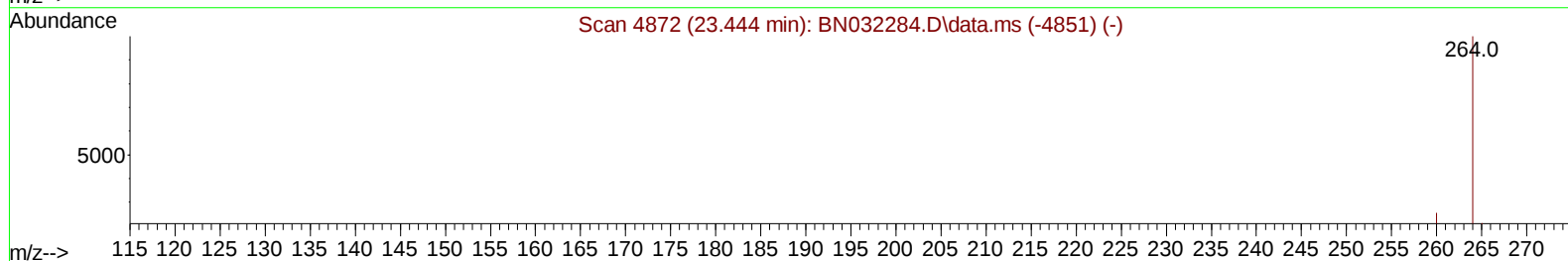
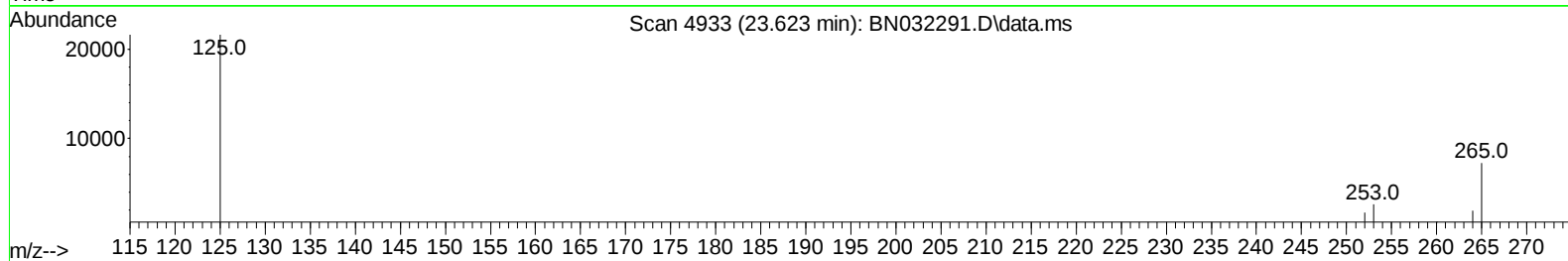
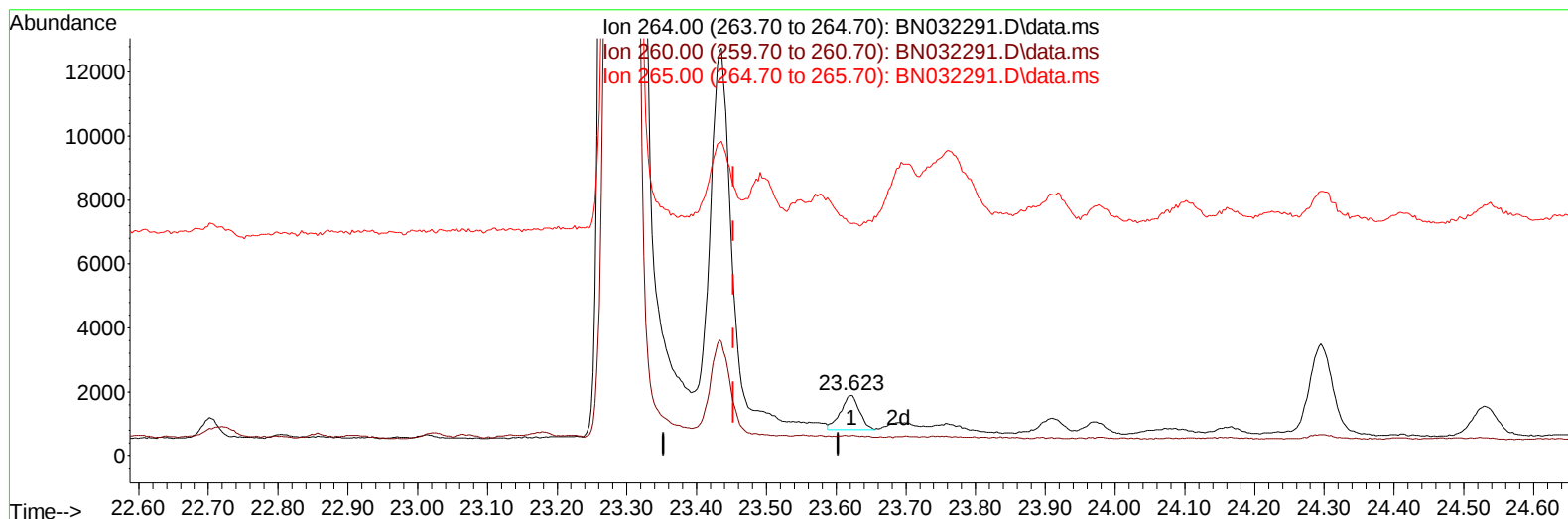
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032291.D
Acq On : 27 Jun 2024 21:54
Operator : MA/JU
Sample : P2909-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B45

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032291.D\data.ms

(23) Perylene-d12 (I)

23.623min (+ 0.169) 0.40 ng/u1

response 1963

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	33.72#
265.00	67.20	382.77#
0.00	0.00	0.00

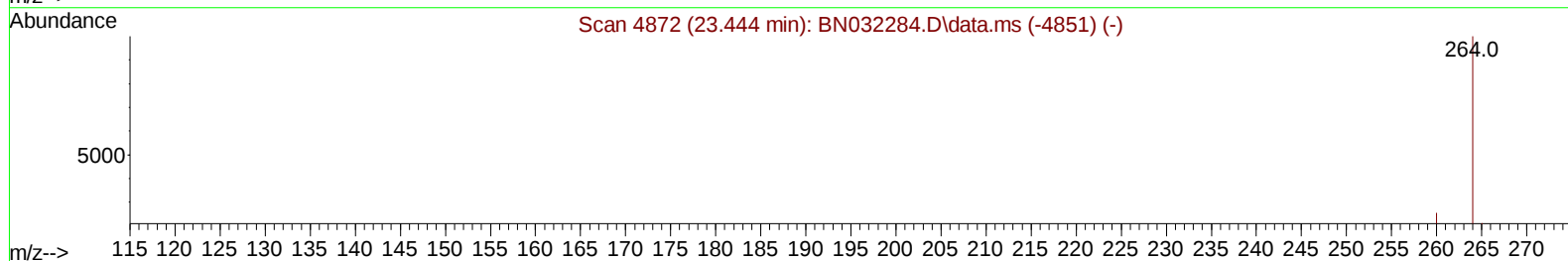
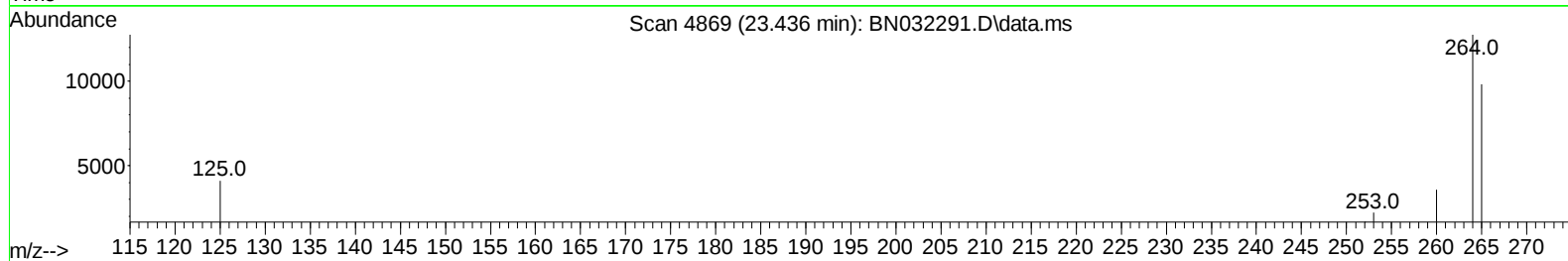
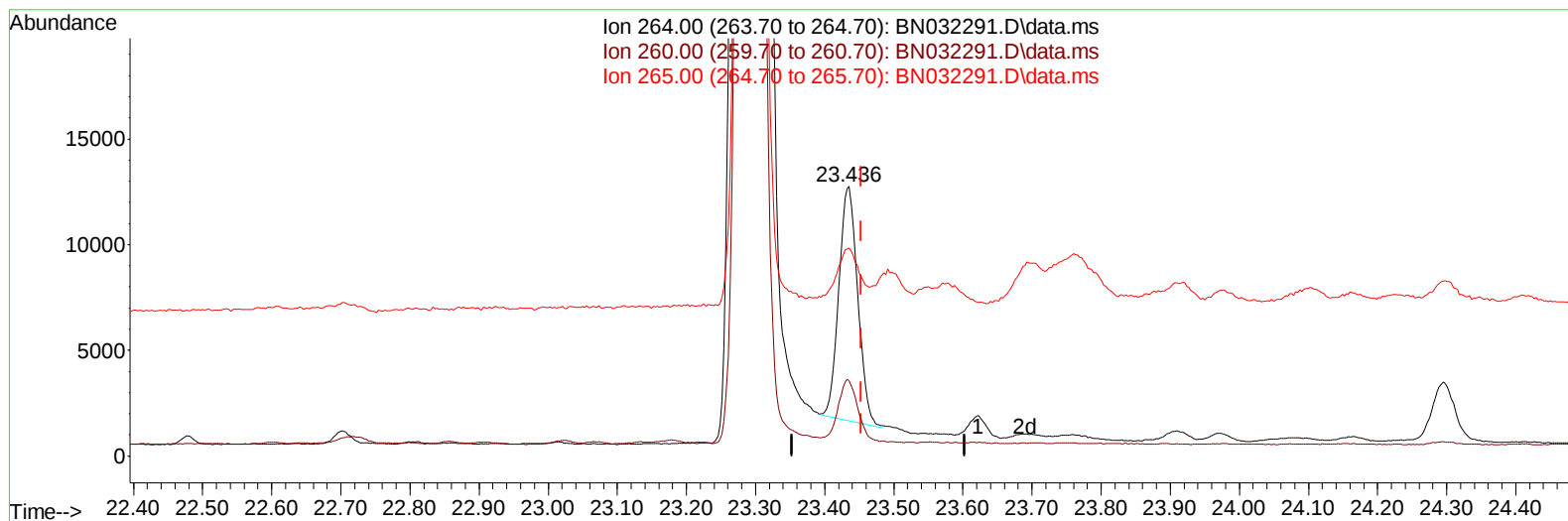
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032291.D
Acq On : 27 Jun 2024 21:54
Operator : MA/JU
Sample : P2909-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B45

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032291.D\data.ms

(23) Perylene-d12 (I)

23.436min (-0.018) 0.40 ng/u1 m

response 20853

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	27.96
265.00	67.20	77.11
0.00	0.00	0.00

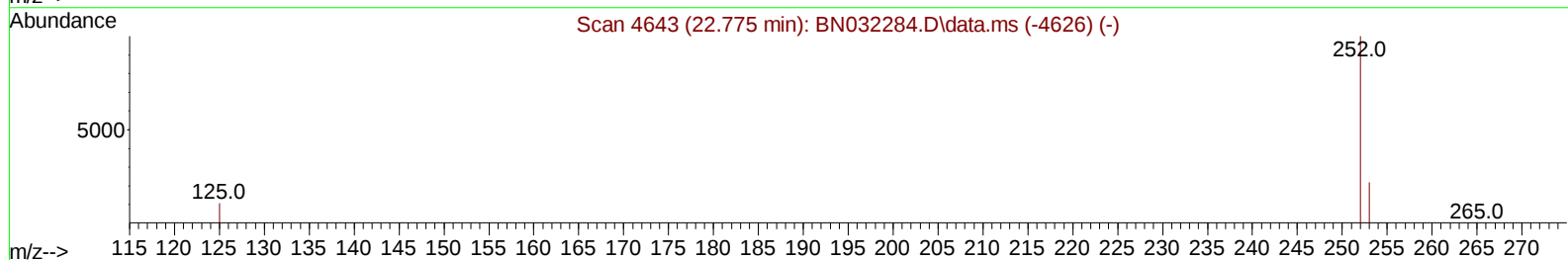
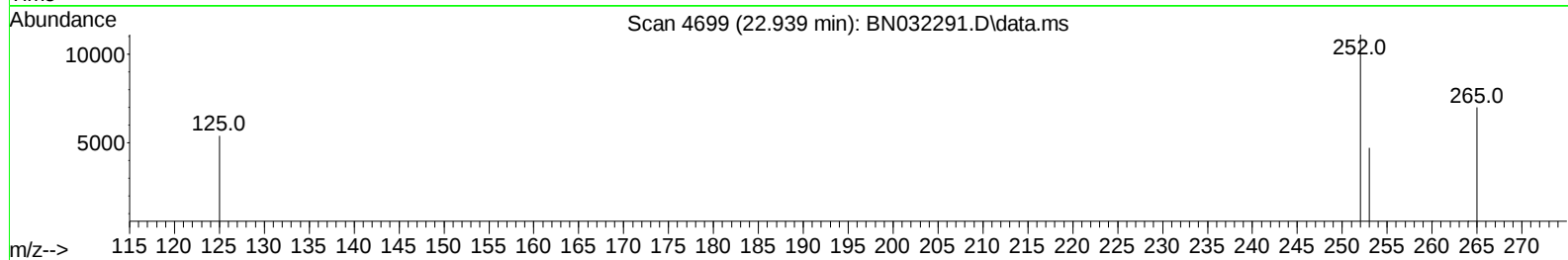
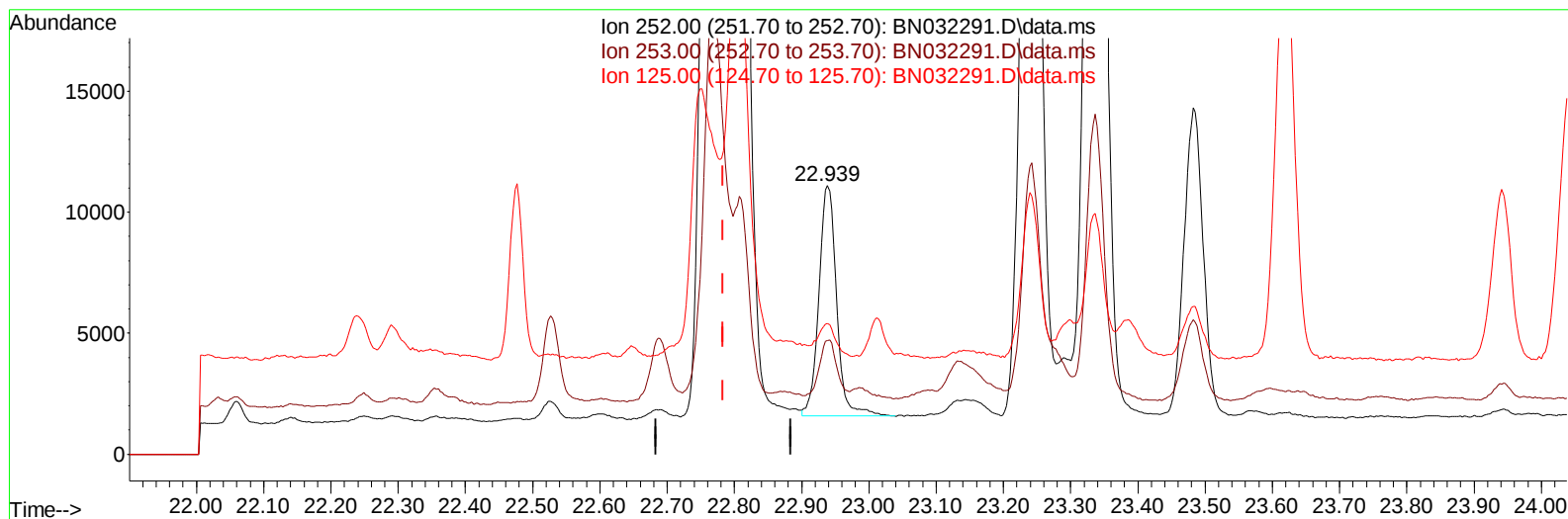
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032291.D
Acq On : 27 Jun 2024 21:54
Operator : MA/JU
Sample : P2909-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B45

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024

Quant Time: Jun 28 00:28:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration



TIC: BN032291.D\data.ms

(24) Benzo(b)fluoranthene

22.939min (+ 0.155) 0.19 ng/u1

response 17445

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	42.30
125.00	16.00	48.61#
0.00	0.00	0.00

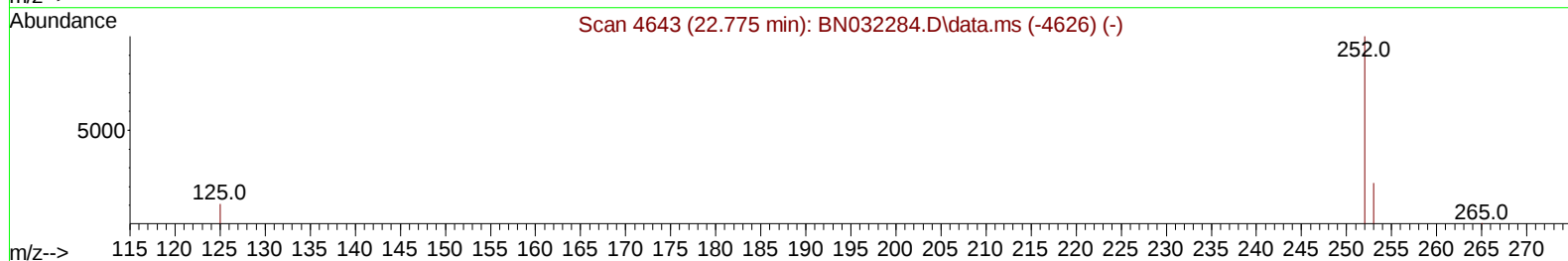
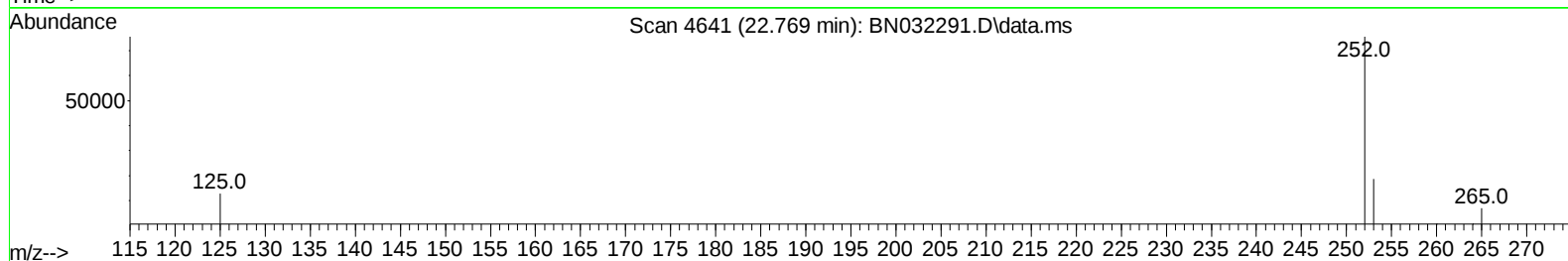
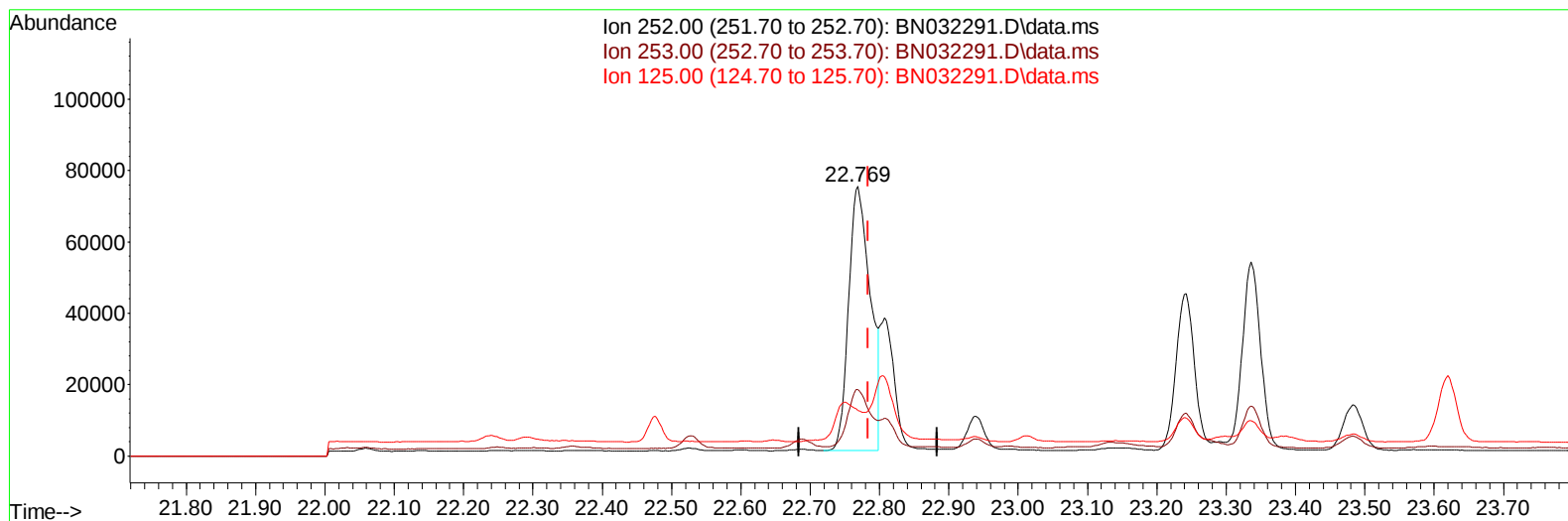
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032291.D
Acq On : 27 Jun 2024 21:54
Operator : MA/JU
Sample : P2909-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B45

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032291.D\data.ms

(24) Benzo(b)fluoranthene

22.769min (-0.015) 1.78 ng/u1 m

response 161627

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	24.77
125.00	16.00	16.97
0.00	0.00	0.00

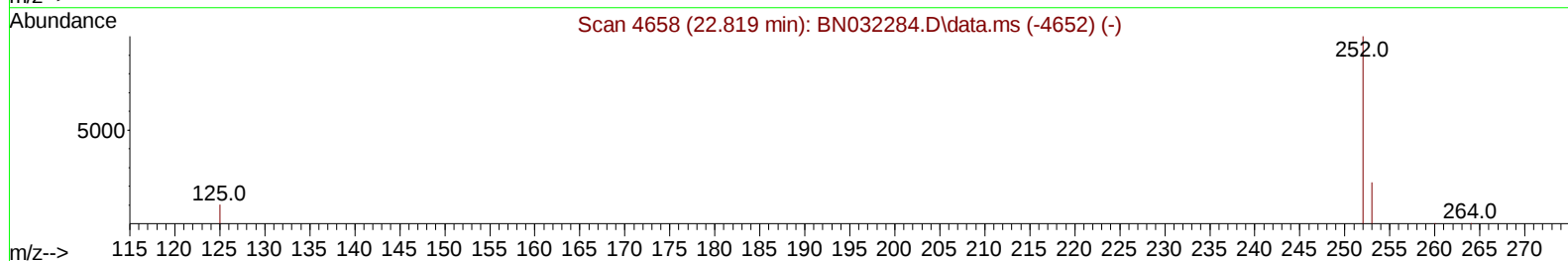
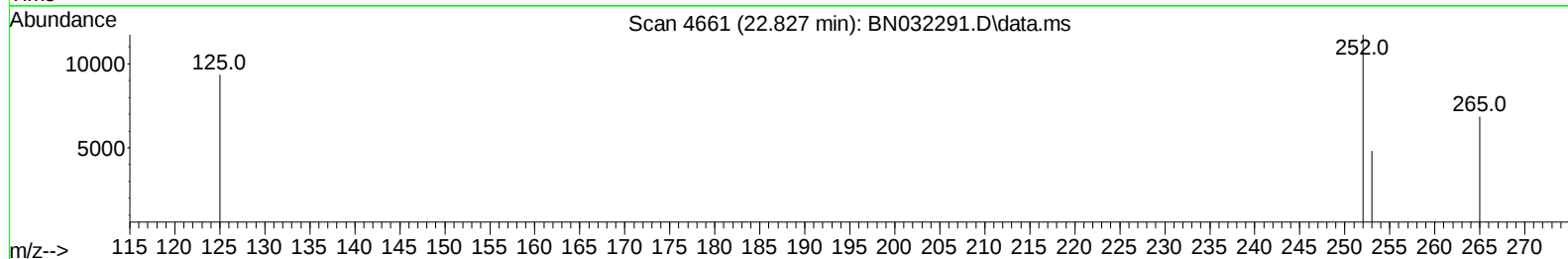
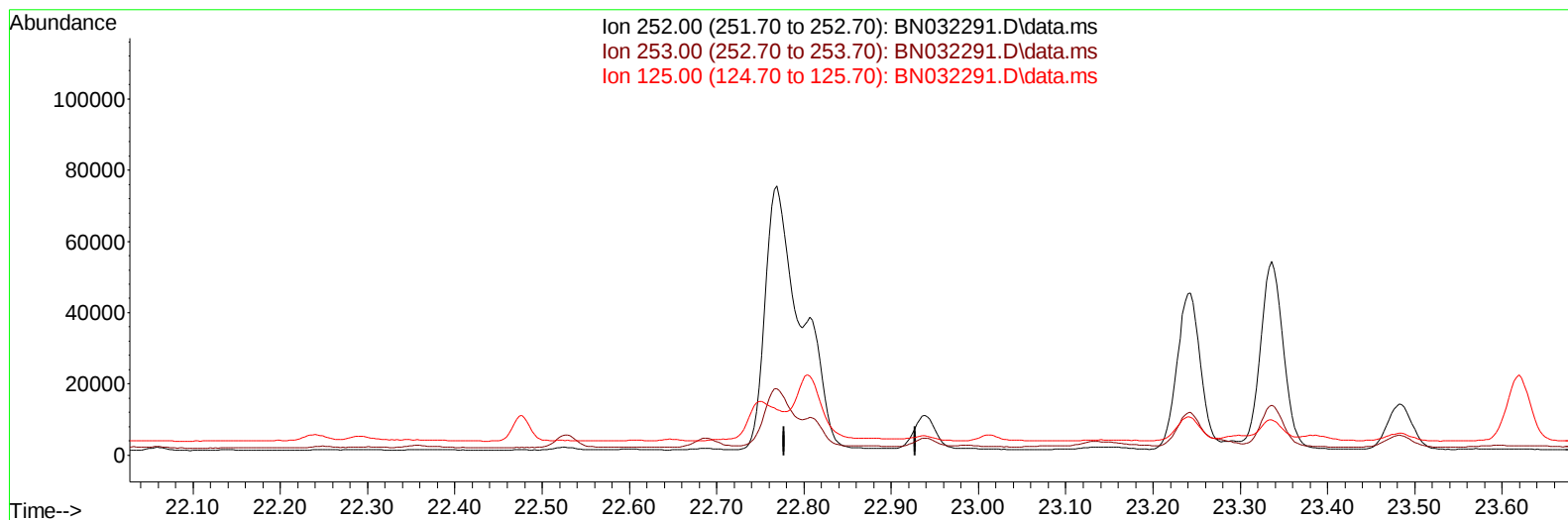
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032291.D
Acq On : 27 Jun 2024 21:54
Operator : MA/JU
Sample : P2909-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B45

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
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Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032291.D\data.ms

(25) Benzo(k)fluoranthene

22.828min (-22.828) 0.00 ng/u1

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	25.40	0.00#
125.00	16.00	0.00#
0.00	0.00	0.00

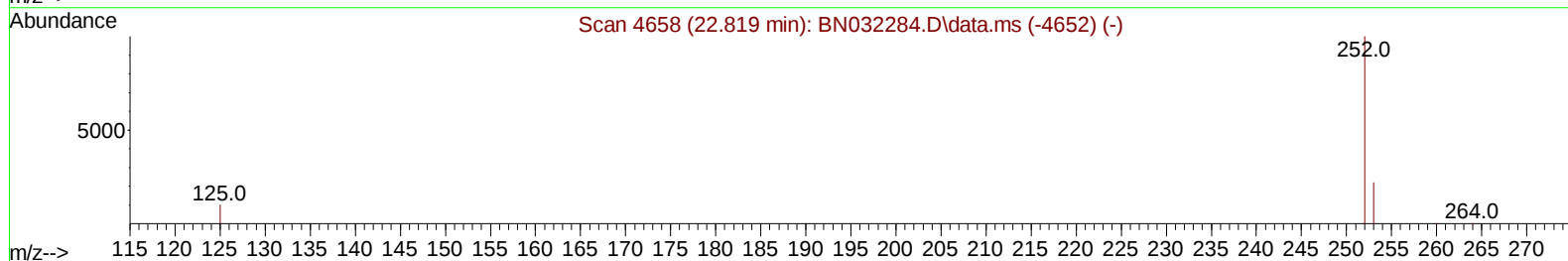
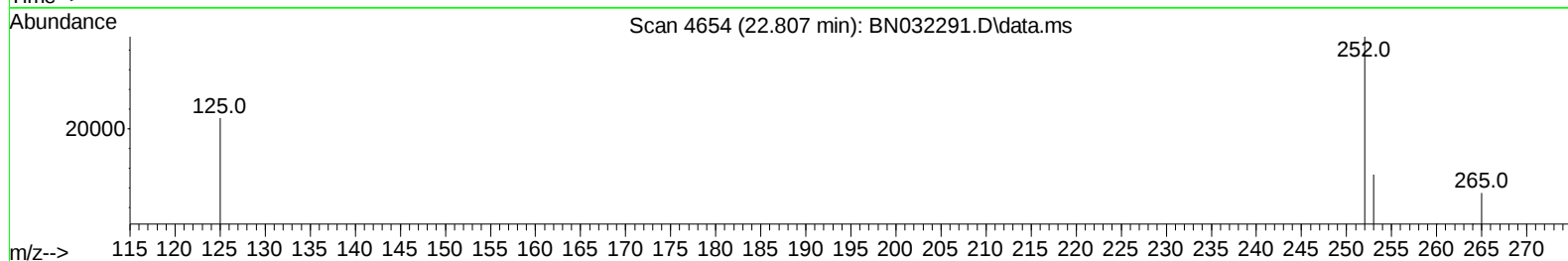
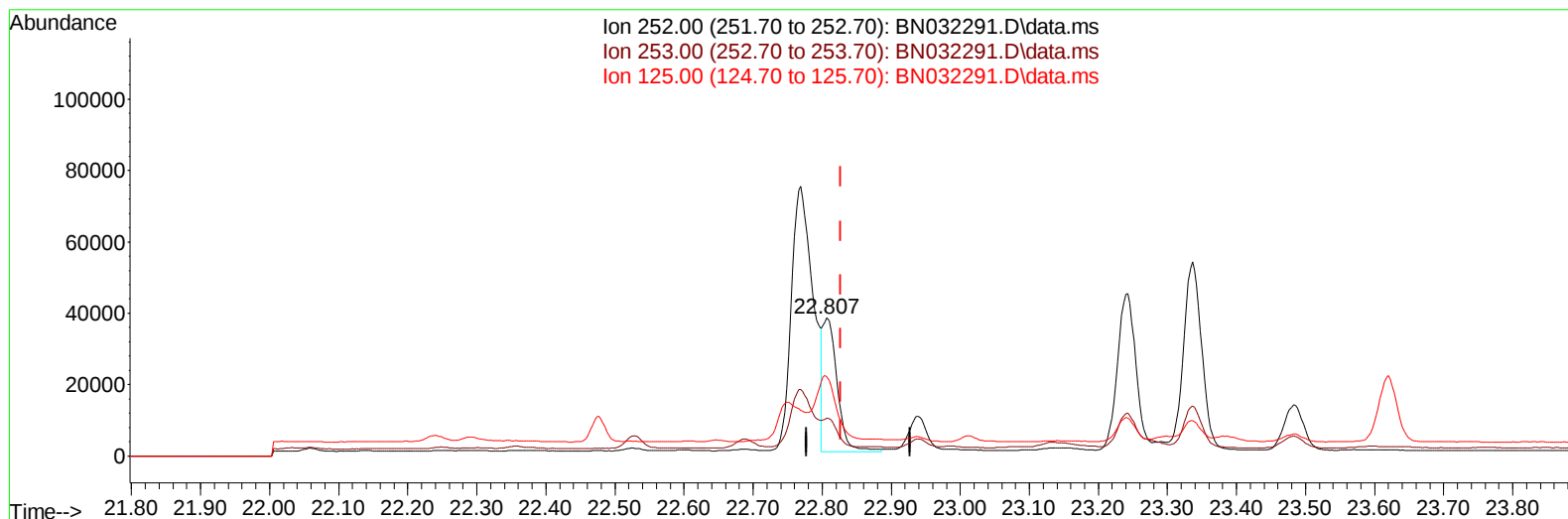
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032291.D
Acq On : 27 Jun 2024 21:54
Operator : MA/JU
Sample : P2909-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B45

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
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Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032291.D\data.ms

(25) Benzo(k)fluoranthene

22.807min (-0.021) 0.62 ng/u1 m

response 54410

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	27.56
125.00	16.00	57.31#
0.00	0.00	0.00

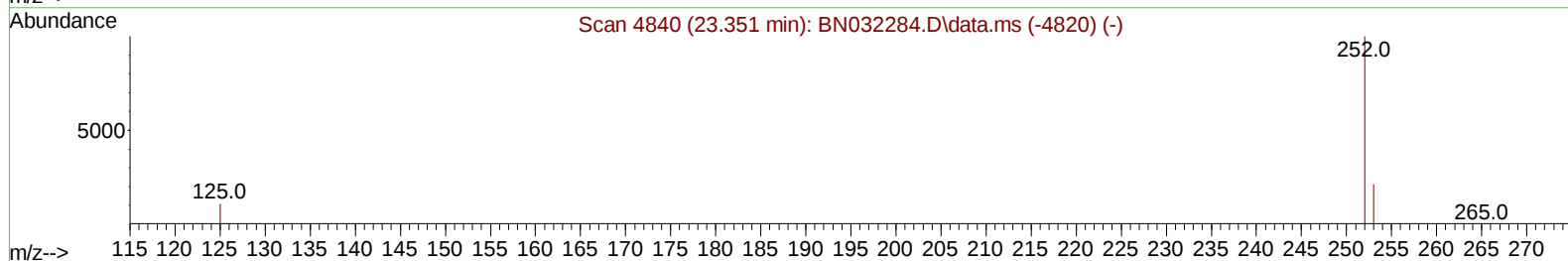
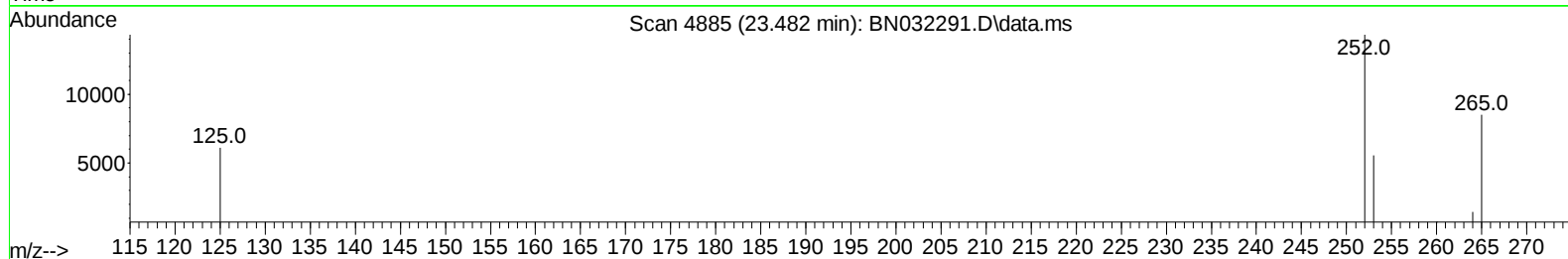
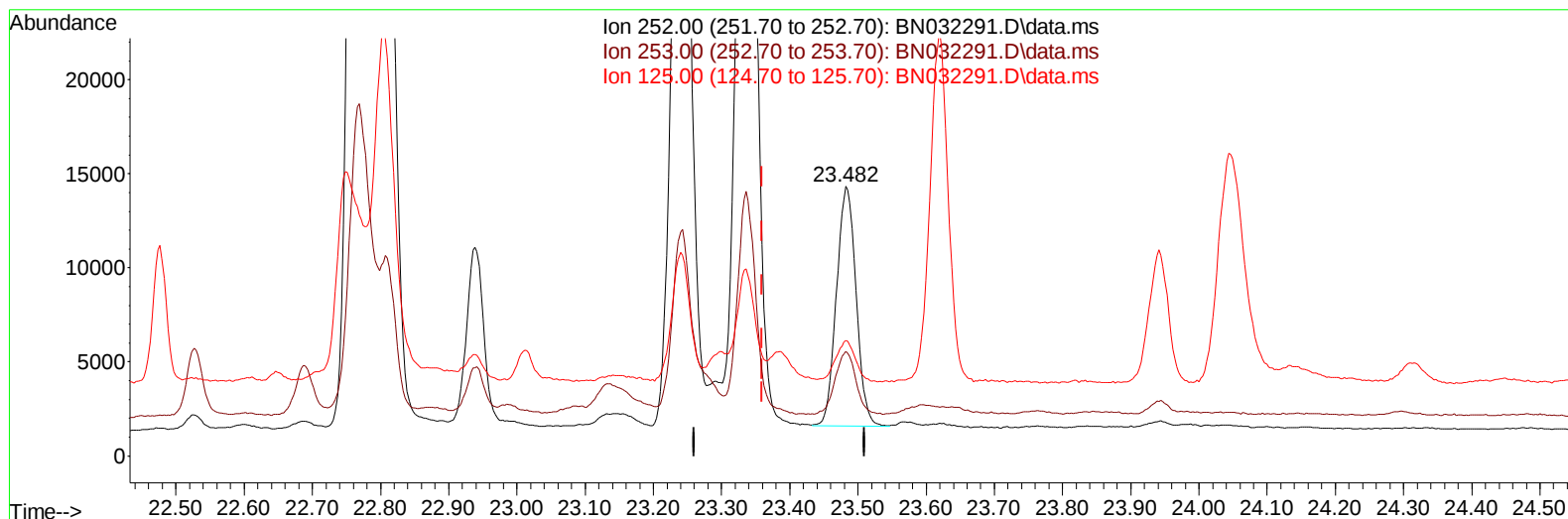
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032291.D
Acq On : 27 Jun 2024 21:54
Operator : MA/JU
Sample : P2909-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B45

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032291.D\data.ms

(26) Benzo(a)pyrene (C)

23.482min (+ 0.123) 0.40 ng/u1

response 25413

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	38.73#
125.00	20.50	42.72#
0.00	0.00	0.00

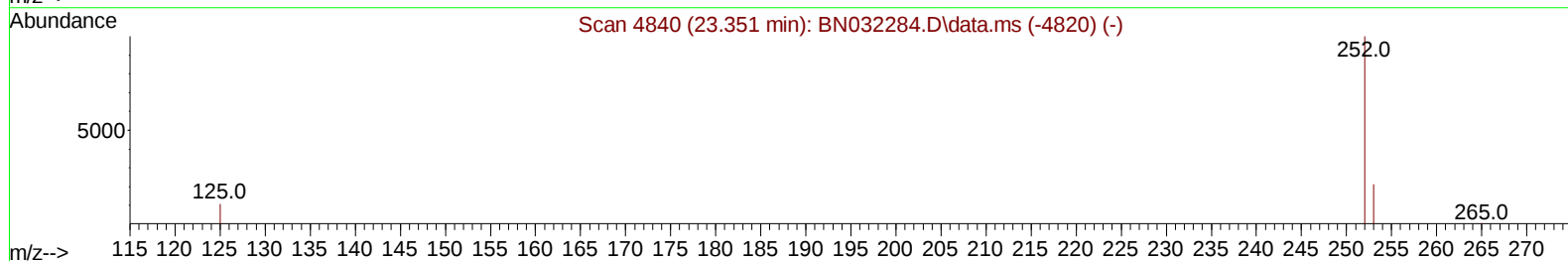
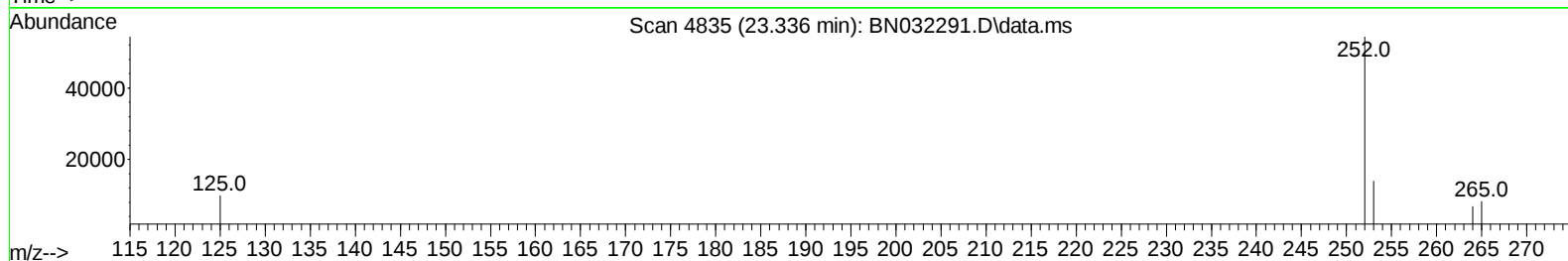
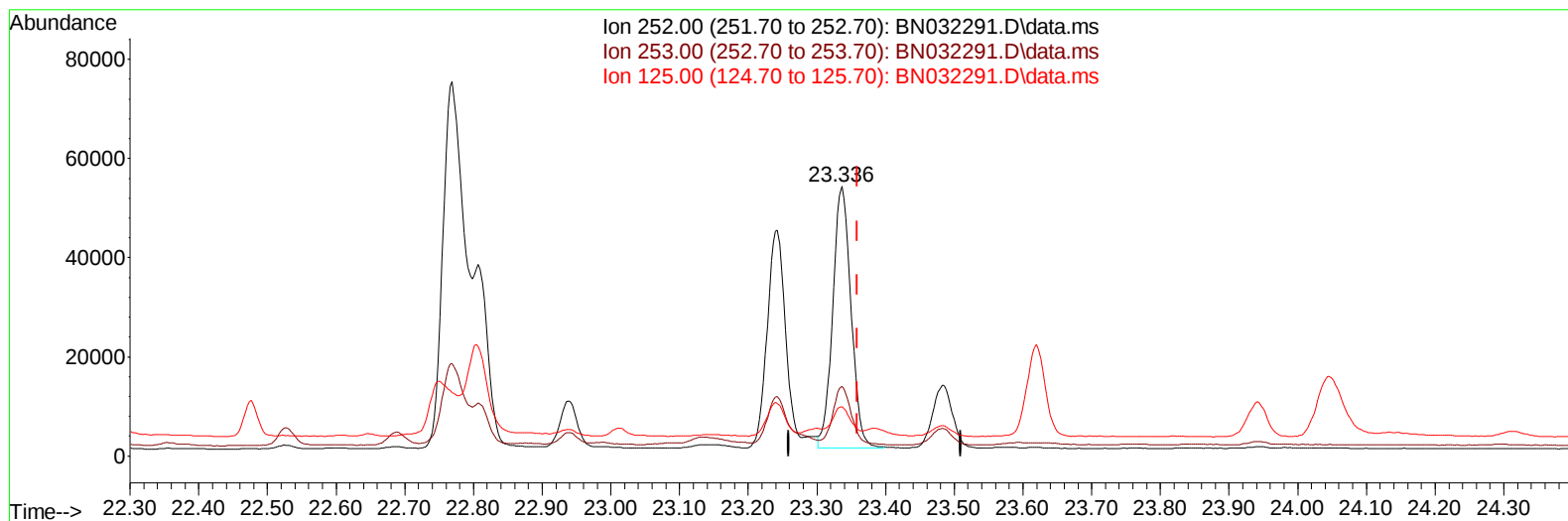
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032291.D
Acq On : 27 Jun 2024 21:54
Operator : MA/JU
Sample : P2909-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B45

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
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Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032291.D\data.ms

(26) Benzo(a)pyrene (C)

23.336min (-0.024) 1.54 ng/u1 m

response 97132

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	25.88
125.00	20.50	18.31
0.00	0.00	0.00

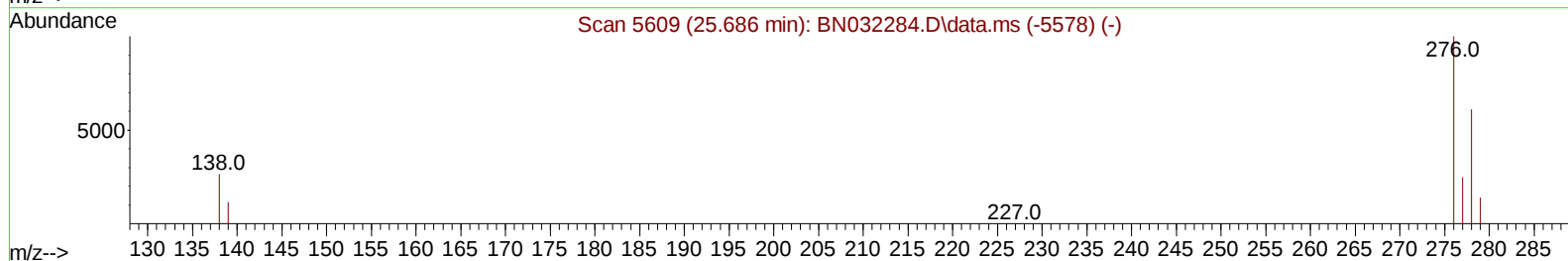
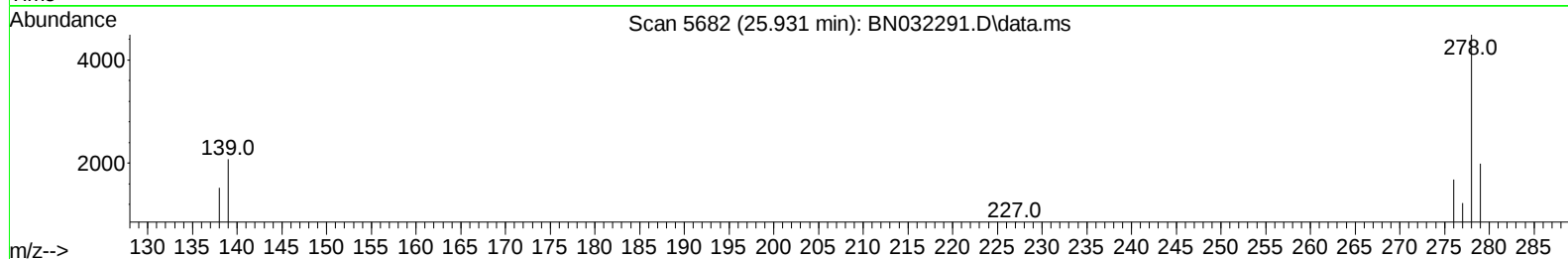
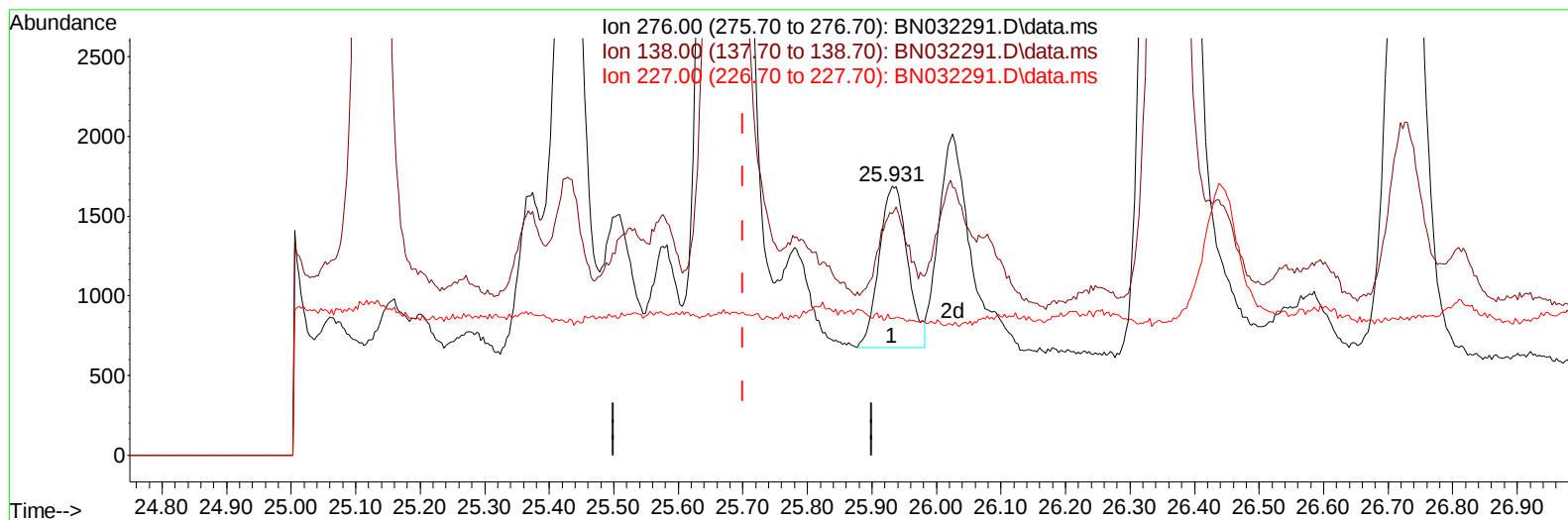
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032291.D
Acq On : 27 Jun 2024 21:54
Operator : MA/JU
Sample : P2909-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B45

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032291.D\data.ms

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

25.931min (+ 0.231) 0.03 ng/u1

response 3101

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	55.27#
227.00	0.10	3.77#
0.00	0.00	0.00

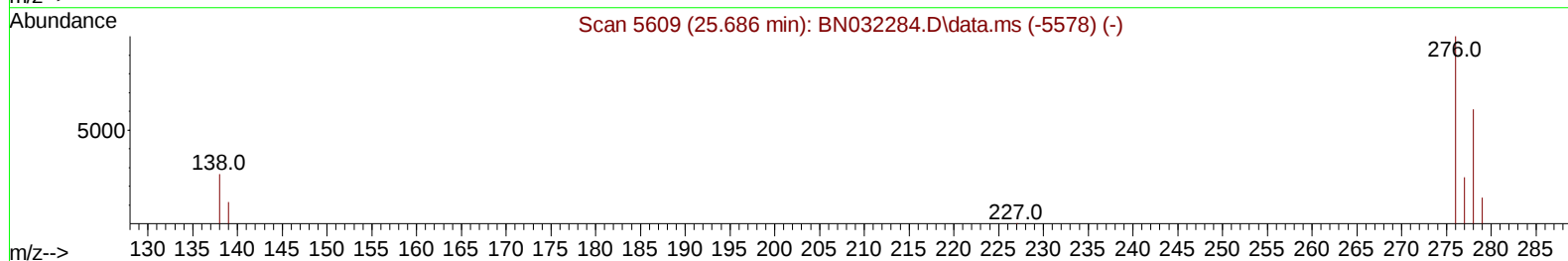
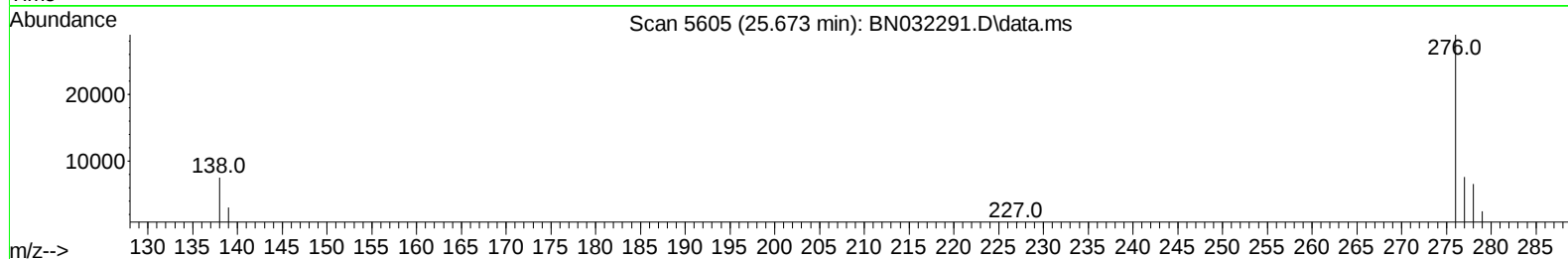
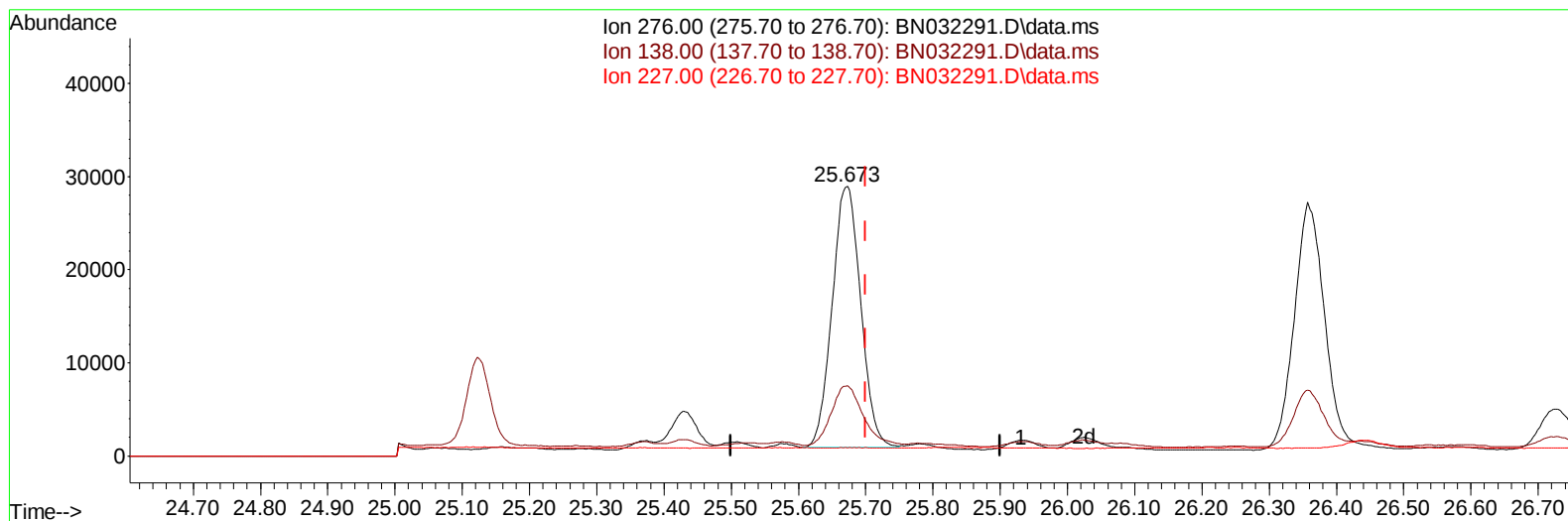
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032291.D
Acq On : 27 Jun 2024 21:54
Operator : MA/JU
Sample : P2909-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B45

Manual IntegrationsAPPROVED

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TIC: BN032291.D\data.ms

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

25.673min (-0.027) 0.84 ng/ul m

response 82664

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	2.07#
227.00	0.10	0.14#
0.00	0.00	0.00

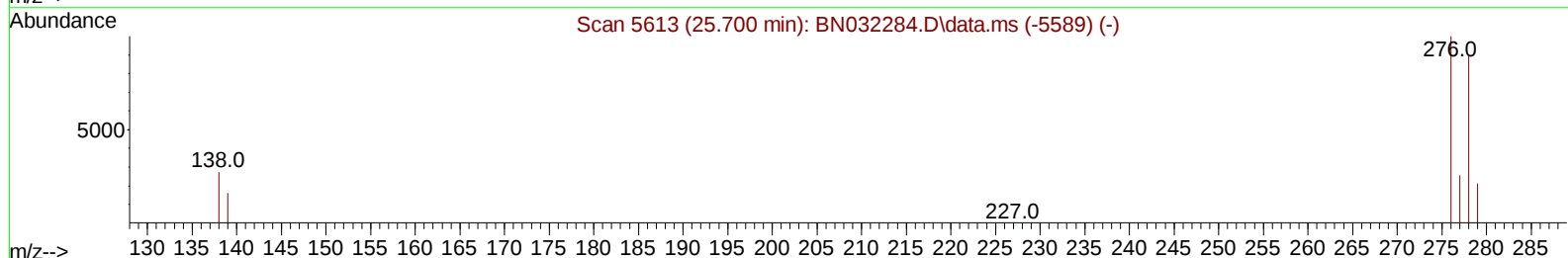
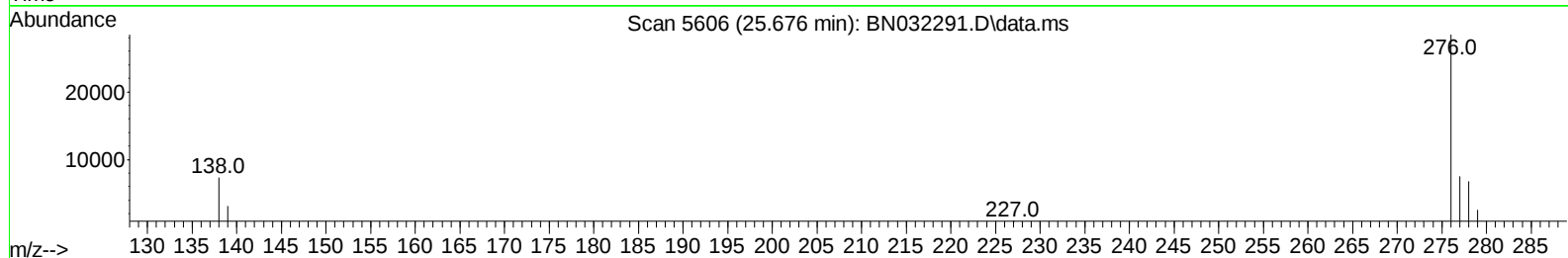
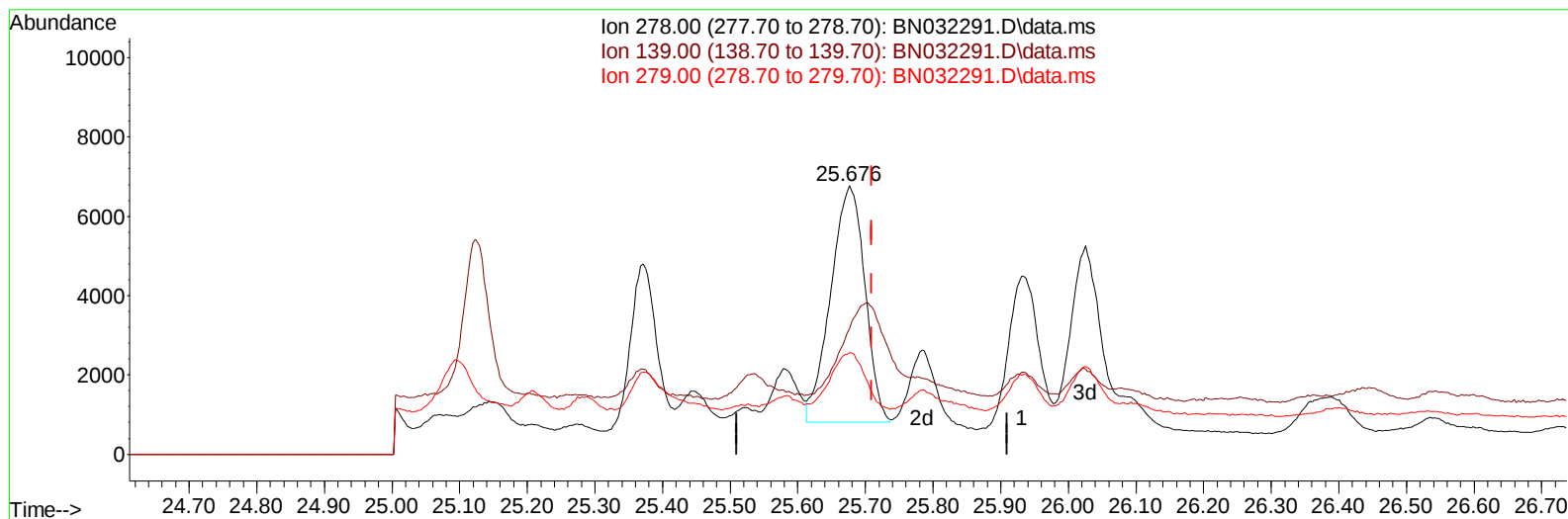
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032291.D
Acq On : 27 Jun 2024 21:54
Operator : MA/JU
Sample : P2909-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B45

Manual IntegrationsAPPROVED

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TIC: BN032291.D\data.ms

(28) Dibenzo(a,h)anthracene

25.676min (-0.034) 0.28 ng/ul m

response 20855

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	46.84#
279.00	26.40	37.83#
0.00	0.00	0.00

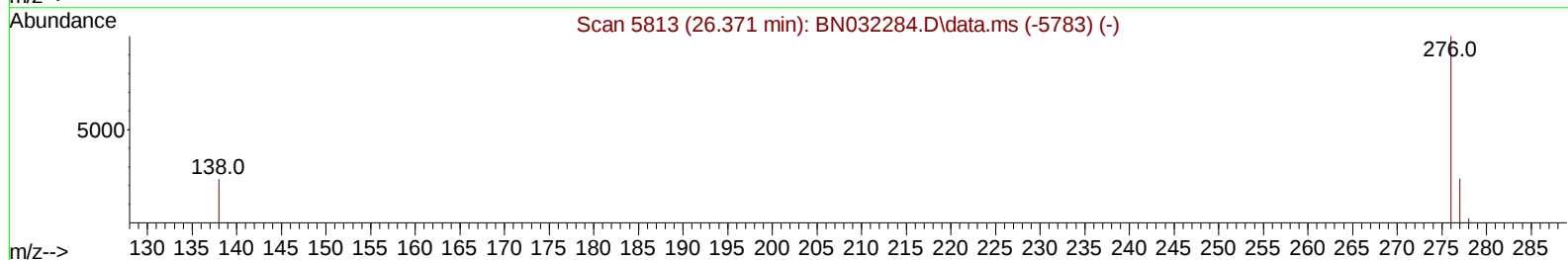
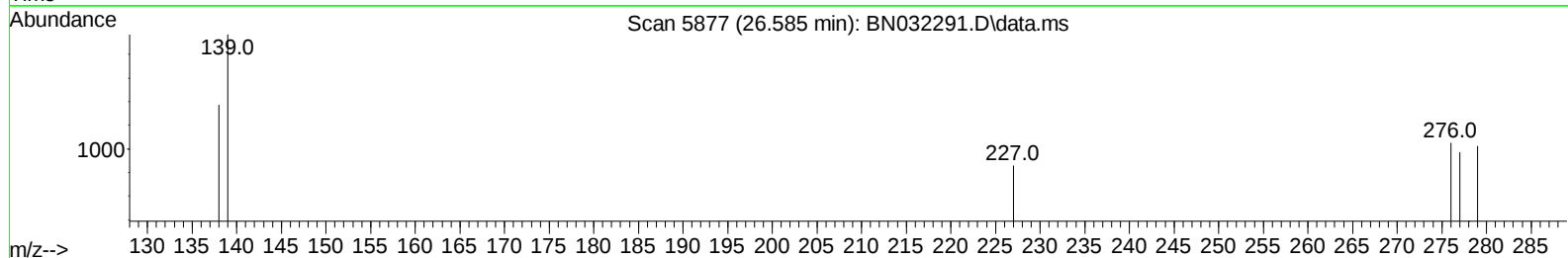
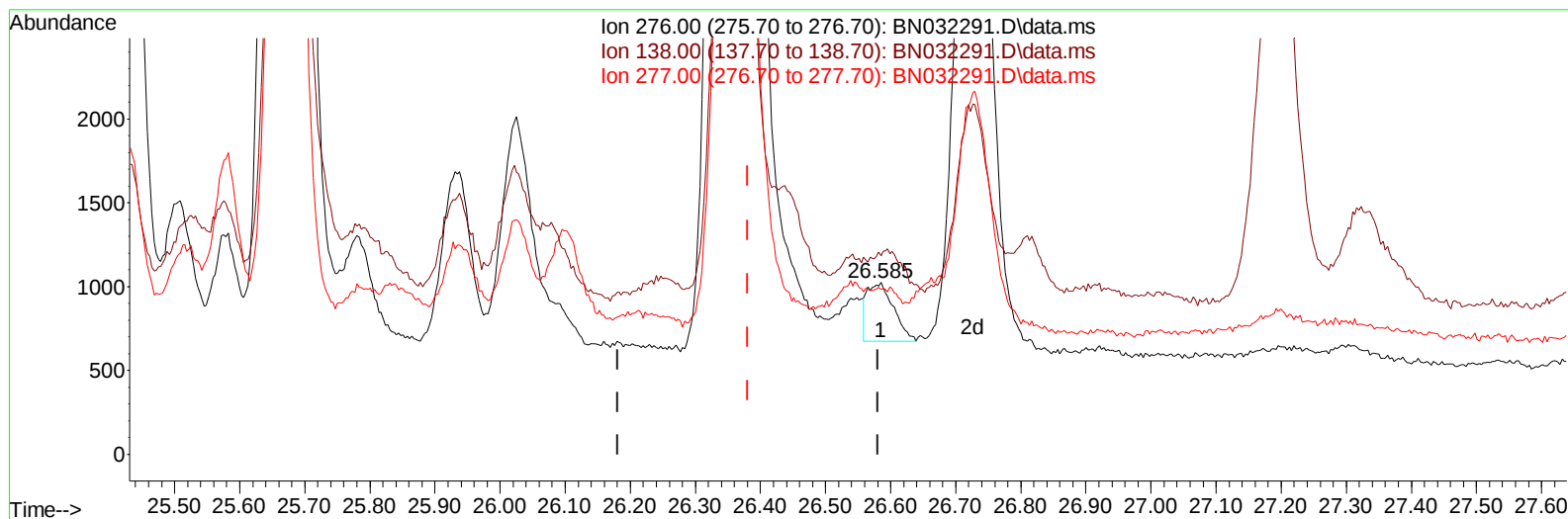
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032291.D
Acq On : 27 Jun 2024 21:54
Operator : MA/JU
Sample : P2909-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B45

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 06/28/2024



TIC: BN032291.D\data.ms

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

26.585min (+ 0.204) 0.01 ng/u1

response 979

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	115.48#
277.00	24.70	96.01#
0.00	0.00	0.00

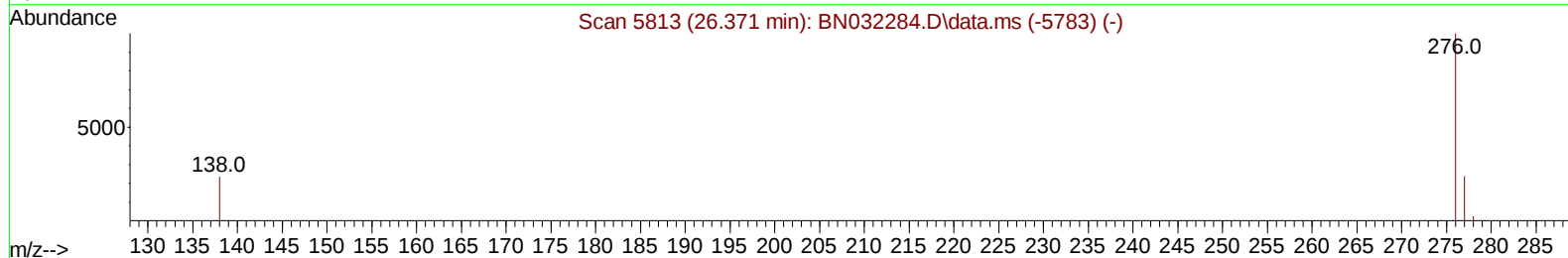
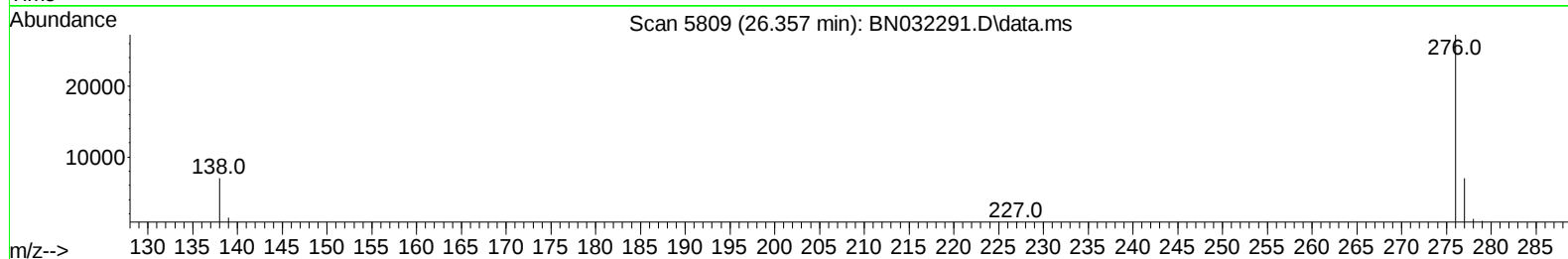
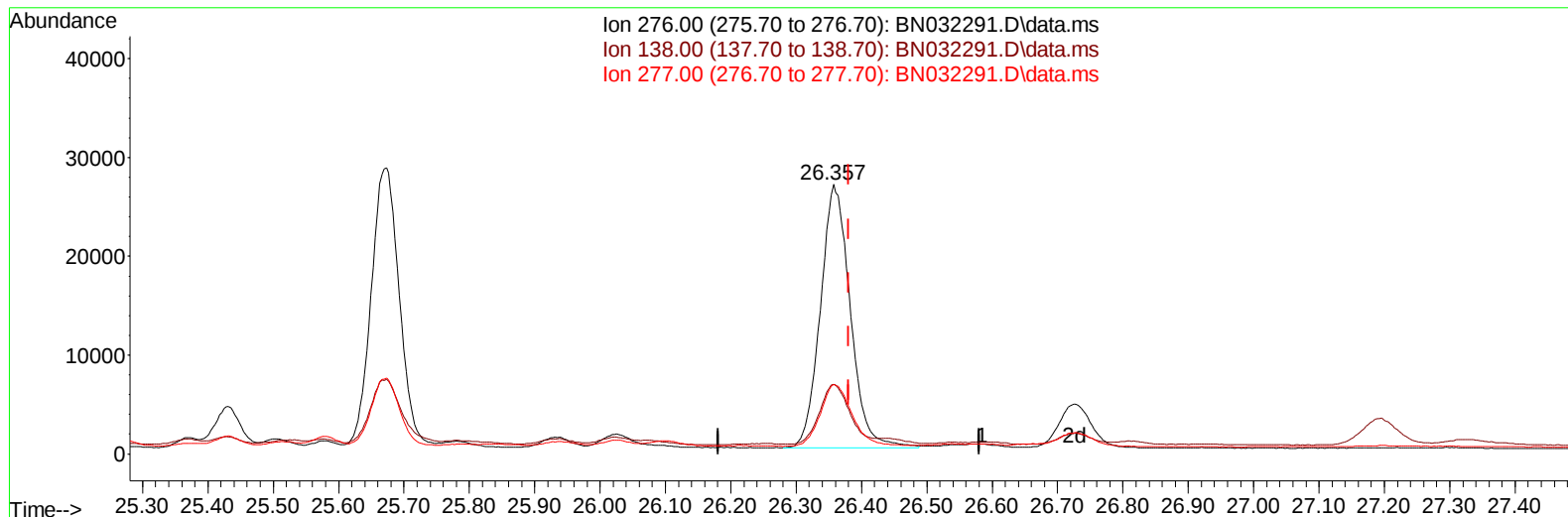
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032291.D
Acq On : 27 Jun 2024 21:54
Operator : MA/JU
Sample : P2909-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B45

Manual IntegrationsAPPROVED

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TIC: BN032291.D\data.ms

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

26.357min (-0.024) 1.08 ng/ul m

response 84890

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	25.83
277.00	24.70	25.84
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
 Data File : BN032291.D
 Acq On : 27 Jun 2024 21:54
 Operator : MA/JU
 Sample : P2909-21
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B45

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/28/2024
 Supervised By :mohammad ahmed 06/28/2024

Quant Time: Jun 28 00:28:02 2024
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 QLast Update : Thu Jun 27 13:23:38 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.620	152	8917	0.400	ng/ul	0.00
4) Naphthalene-d8	10.393	136	26178	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.262	164	13672	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.016	188	24513m	0.400	ng/ul	0.00
17) Chrysene-d12	21.217	240	18901m	0.400	ng/ul	0.00
23) Perylene-d12	23.436	264	20853m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	34261	3.457	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	8646	0.220	ng/ul	0.00
18) Fluoranthene-d10	19.055	212	14371m	0.253	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.442	128	3757	0.054	ng/ul#	90
7) 2-Methylnaphthalene	12.070	142	1481	0.032	ng/ul	95
8) 1-Methylnaphthalene	12.285	142	1034	0.022	ng/ul	97
10) Acenaphthylene	13.985	152	4714	0.083	ng/ul#	92
11) Acenaphthene	14.327	153	4456	0.101	ng/ul	97
12) Fluorene	15.317	166	4985	0.095	ng/ul#	99
15) Phenanthrene	17.058	178	95698m	1.424	ng/ul	
16) Anthracene	17.151	178	16526m	0.276	ng/ul	
19) Fluoranthene	19.082	202	220783m	3.068	ng/ul	
20) Pyrene	19.445	202	193289m	2.570	ng/ul	
21) Benzo(a)anthracene	21.200	228	95553m	1.401	ng/ul	
22) Chrysene	21.252	228	123718m	1.652	ng/ul	
24) Benzo(b)fluoranthene	22.769	252	161627m	1.784	ng/ul	
25) Benzo(k)fluoranthene	22.807	252	54410m	0.618	ng/ul	
26) Benzo(a)pyrene	23.336	252	97132m	1.541	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.673	276	82664m	0.838	ng/ul	
28) Dibenzo(a,h)anthracene	25.676	278	20855m	0.284	ng/ul	
29) Benzo(g,h,i)perylene	26.357	276	84890m	1.080	ng/ul	

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

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Instrument :
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