

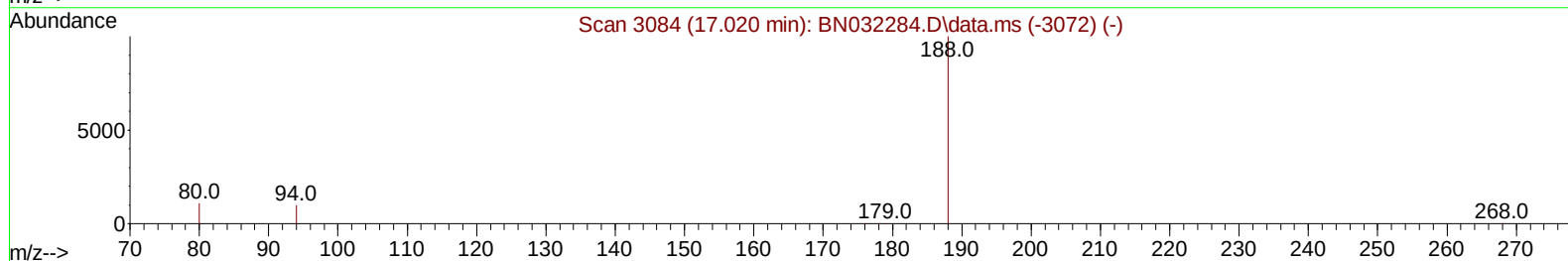
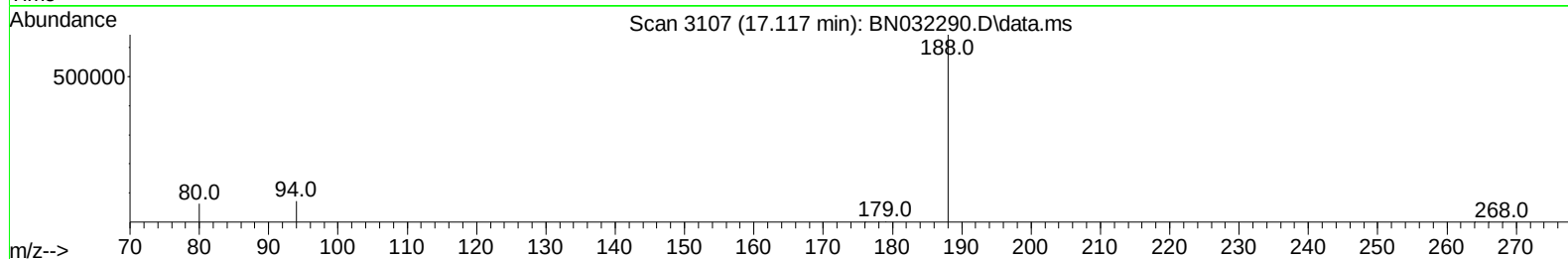
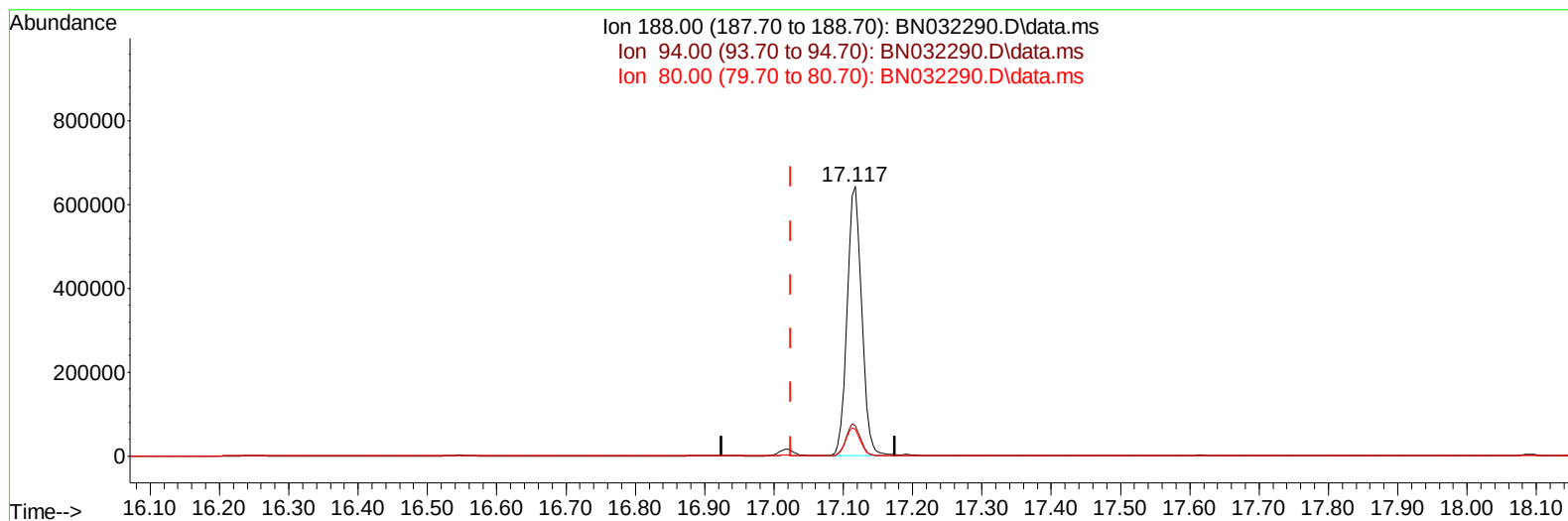
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032290.D
Acq On : 27 Jun 2024 21:18
Operator : MA/JU
Sample : P2909-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B43

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:52 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: BN032290.D\data.ms

(13) Phenanthrene-d10 (I)

17.117min (+ 0.093) 0.40 ng/u1

response 943741

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.19
80.00	10.50	9.82
0.00	0.00	0.00

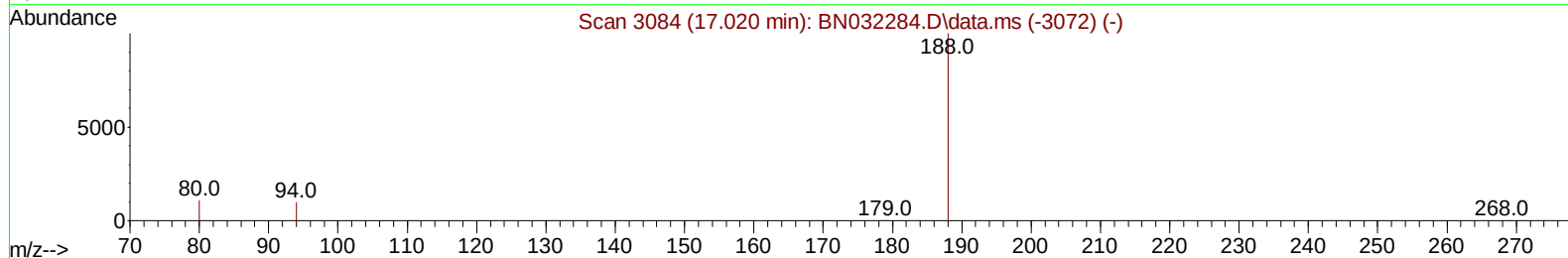
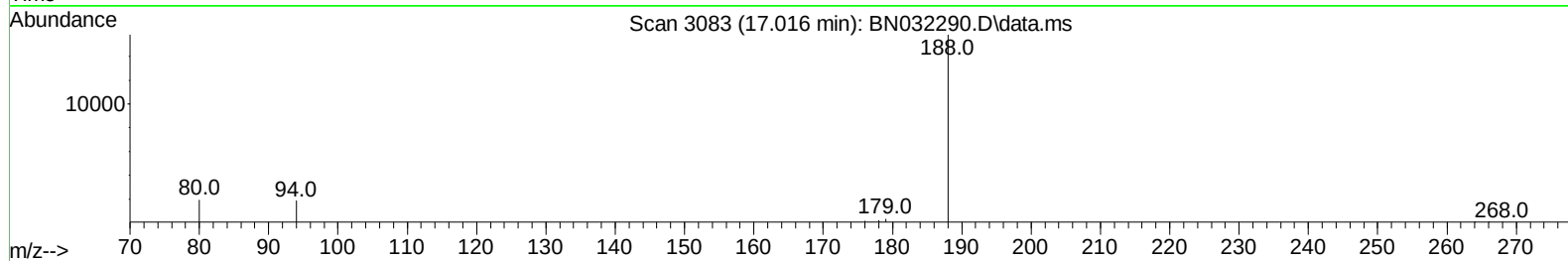
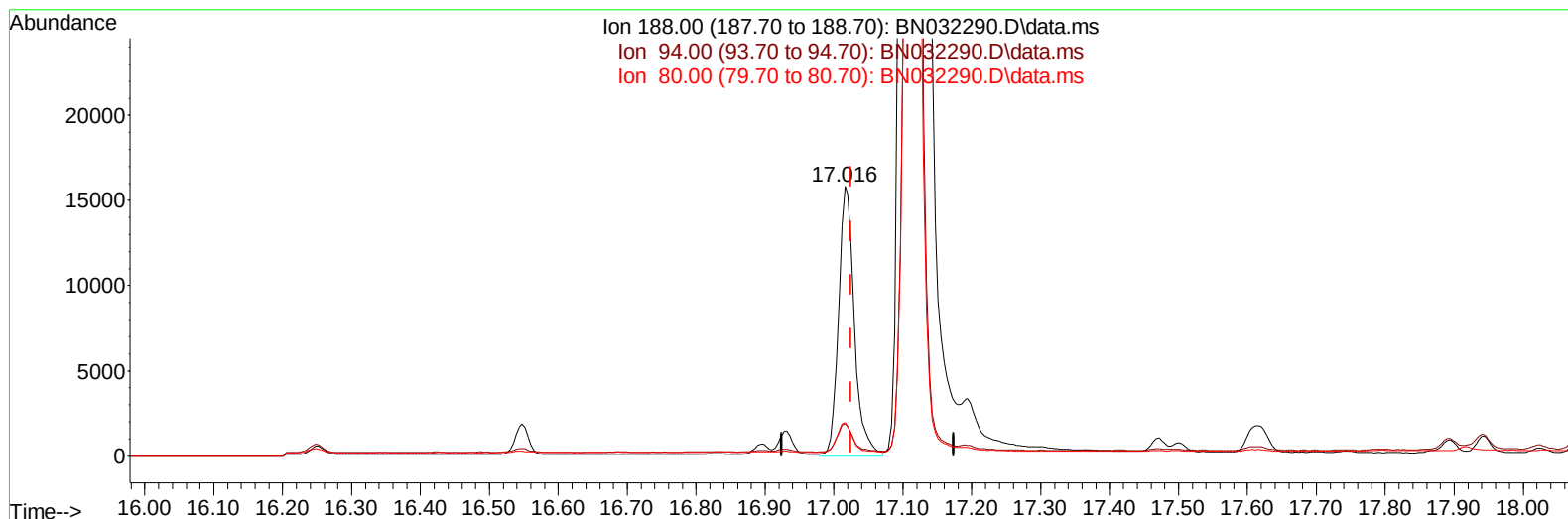
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032290.D
Acq On : 27 Jun 2024 21:18
Operator : MA/JU
Sample : P2909-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B43

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:52 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: BN032290.D\data.ms

(13) Phenanthrene-d10 (I)

17.016min (-0.009) 0.40 ng/ul m

response 25063

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.88
80.00	10.50	12.39
0.00	0.00	0.00

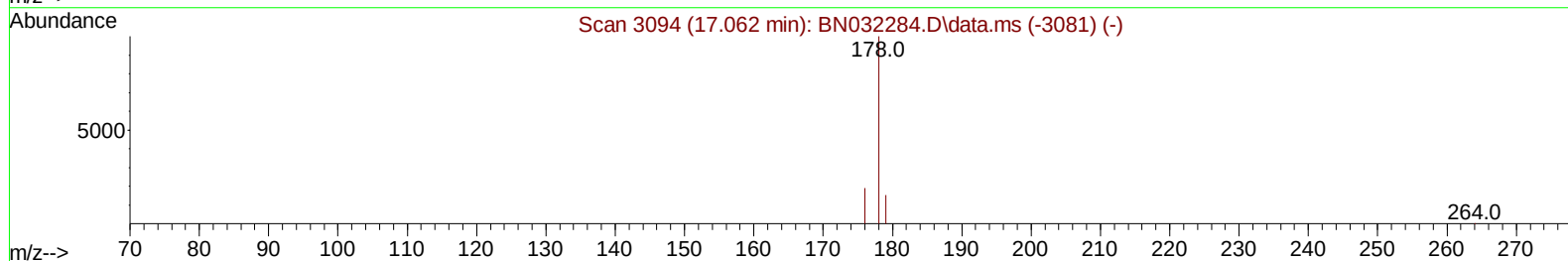
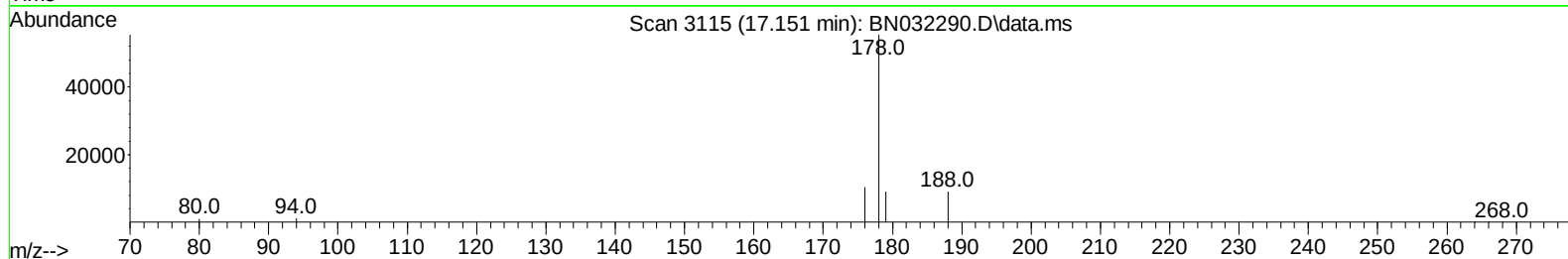
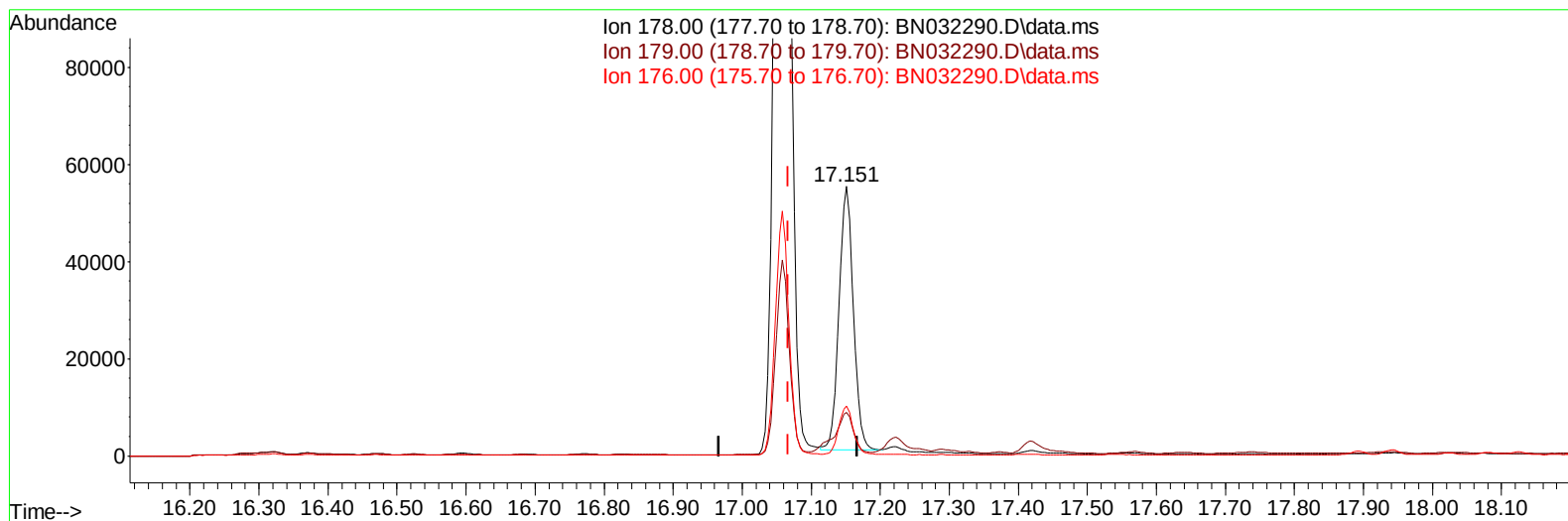
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032290.D
Acq On : 27 Jun 2024 21:18
Operator : MA/JU
Sample : P2909-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B43

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:52 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: BN032290.D\data.ms

(15) Phenanthrene

17.151min (+ 0.084) 1.13 ng/u1

response 77631

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	16.28
176.00	19.50	18.60
0.00	0.00	0.00

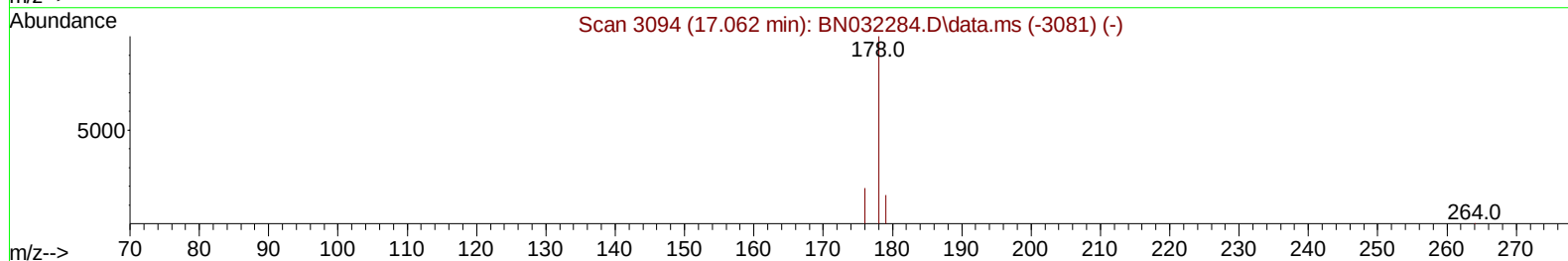
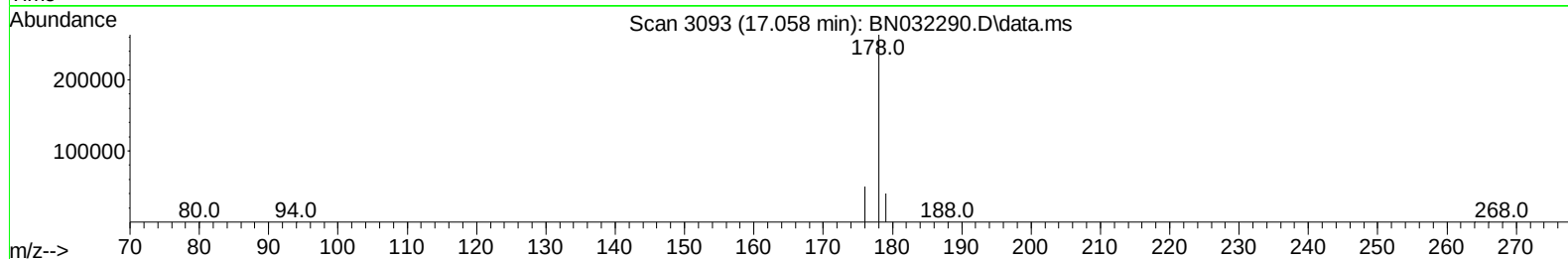
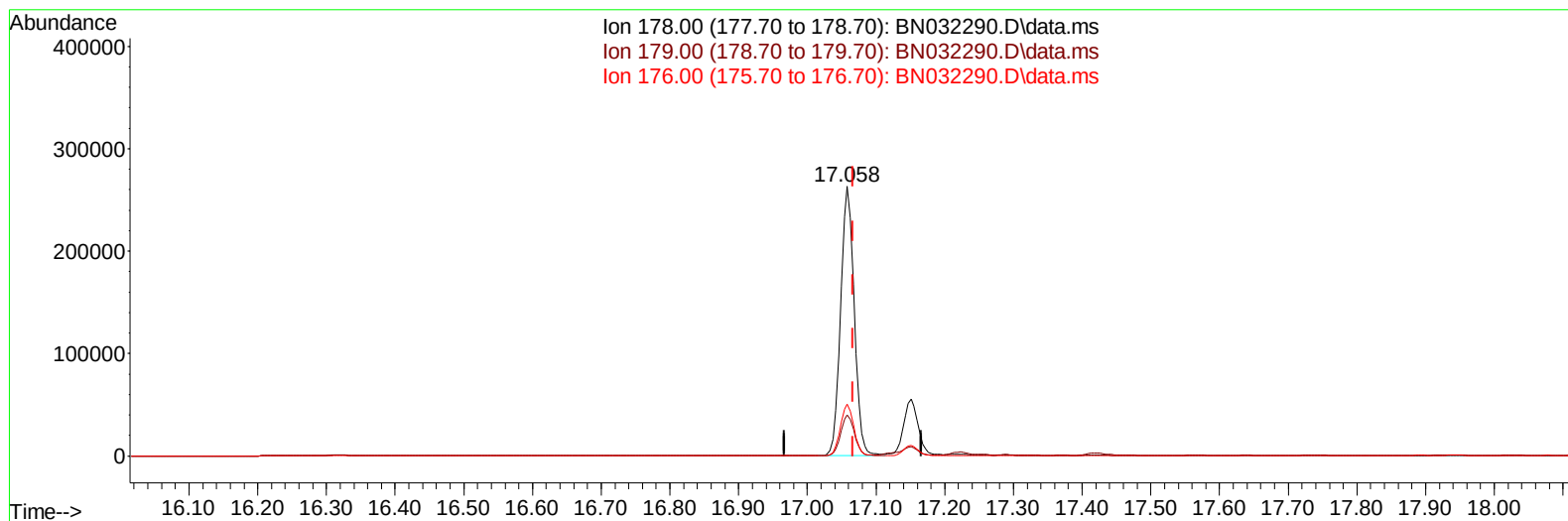
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032290.D
Acq On : 27 Jun 2024 21:18
Operator : MA/JU
Sample : P2909-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B43

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:52 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: BN032290.D\data.ms

(15) Phenanthrene

17.058min (-0.009) 5.25 ng/ul m

response 361057

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.31
176.00	19.50	19.16
0.00	0.00	0.00

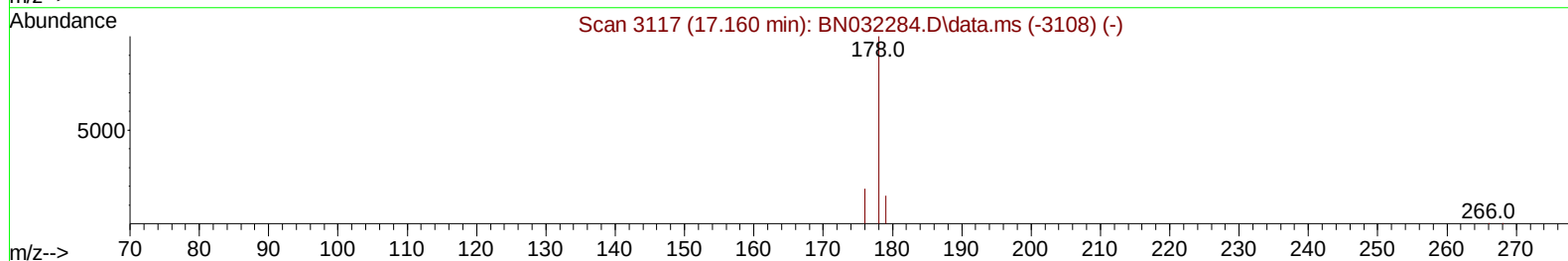
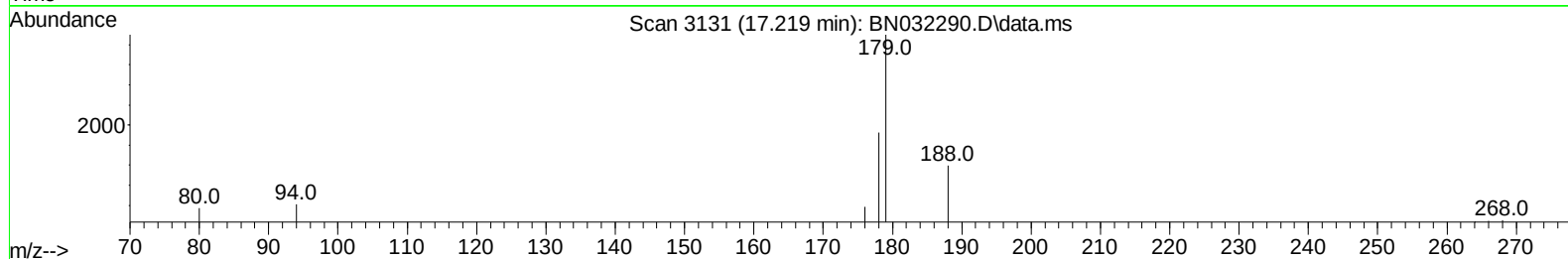
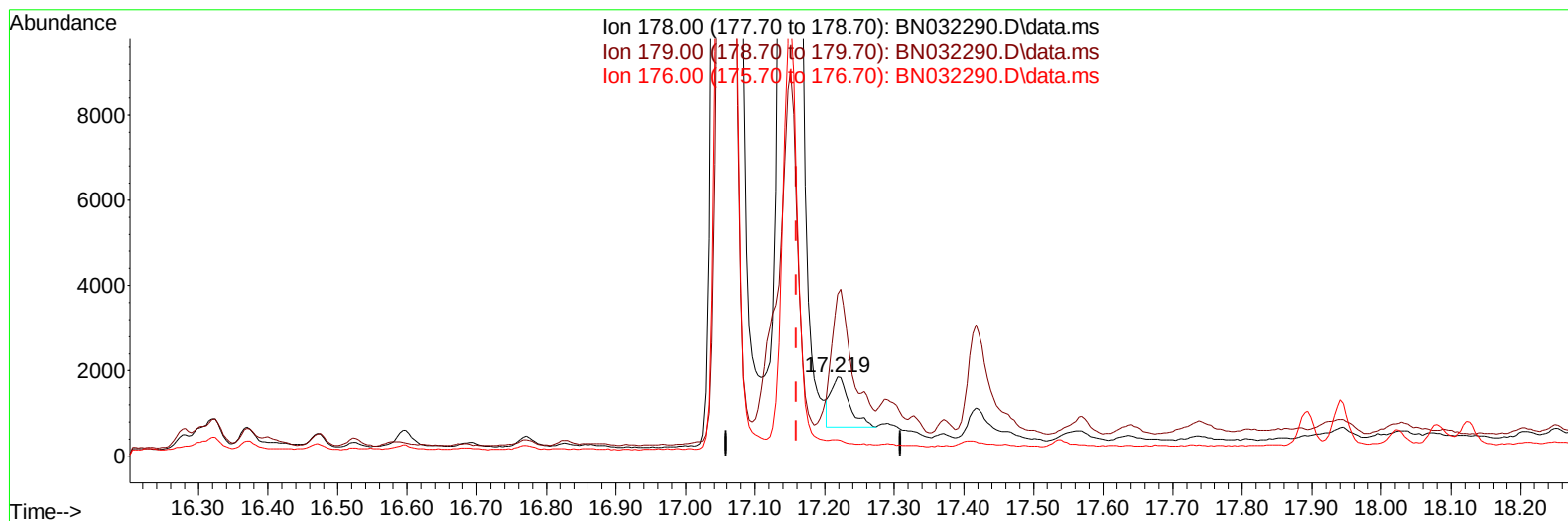
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032290.D
Acq On : 27 Jun 2024 21:18
Operator : MA/JU
Sample : P2909-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B43

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:52 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: BN032290.D\data.ms

(16) Anthracene

17.219min (+ 0.059) 0.04 ng/u1

response 2193

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	204.91#
176.00	18.80	20.28
0.00	0.00	0.00

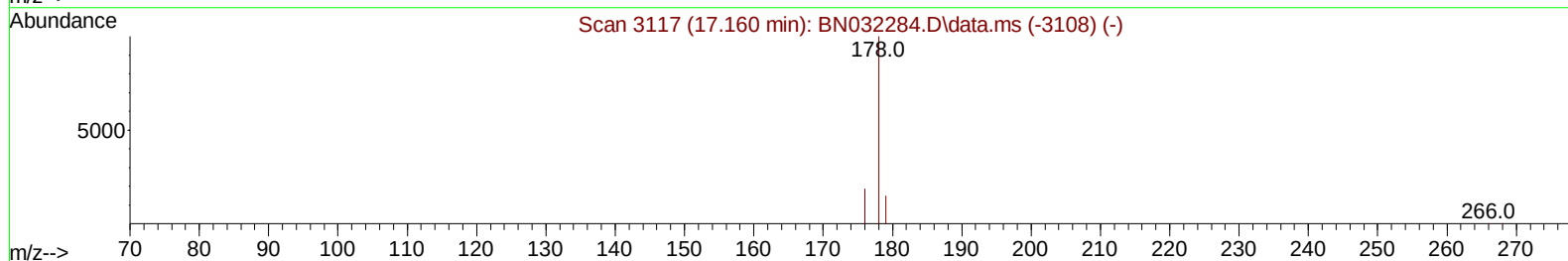
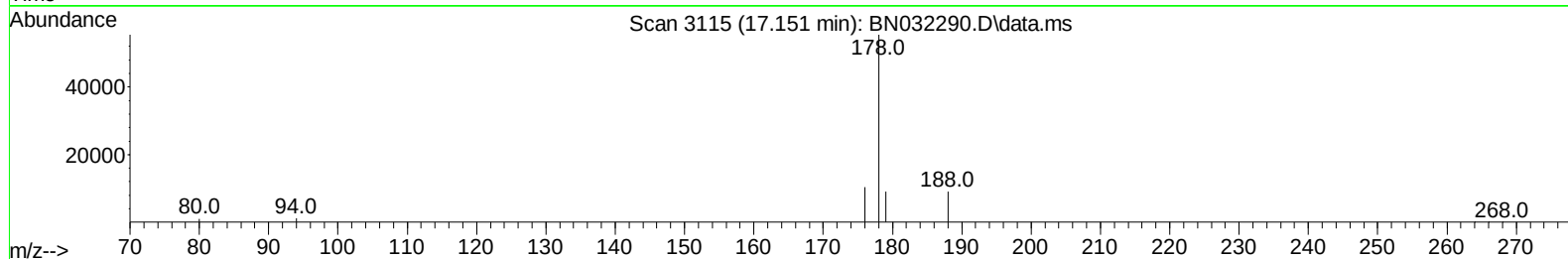
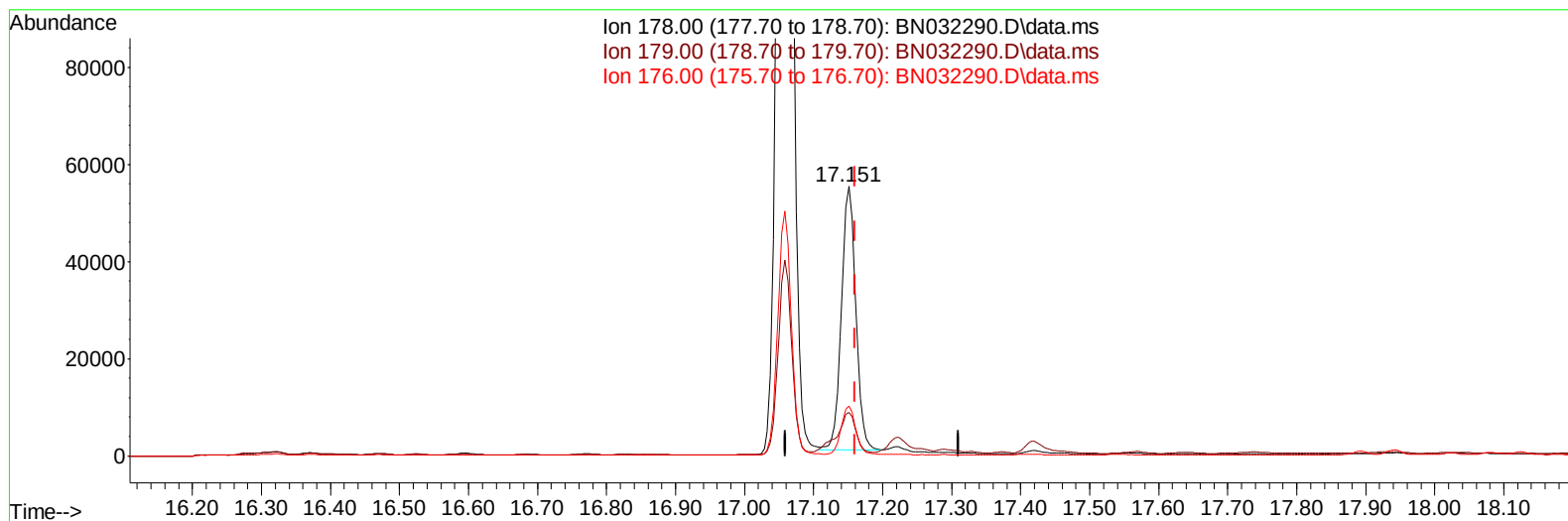
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032290.D
Acq On : 27 Jun 2024 21:18
Operator : MA/JU
Sample : P2909-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B43

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:52 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: BN032290.D\data.ms

(16) Anthracene

17.151min (-0.009) 1.28 ng/ul m

response 78387

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	16.28
176.00	18.80	18.60
0.00	0.00	0.00

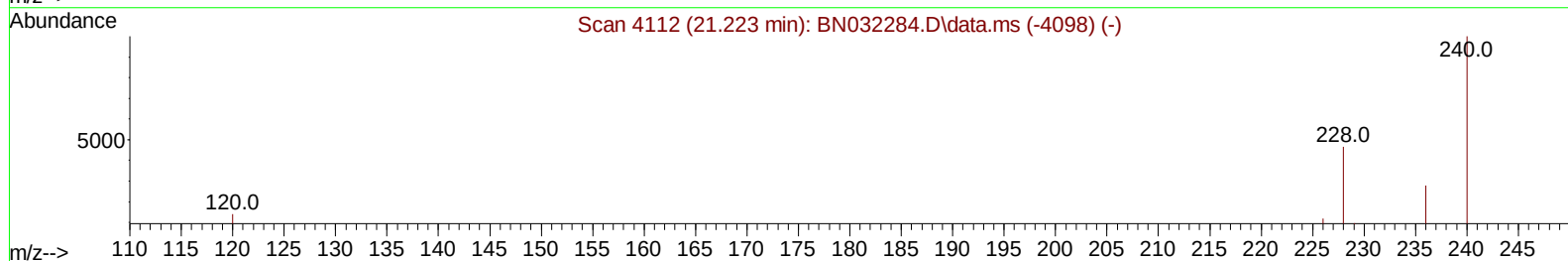
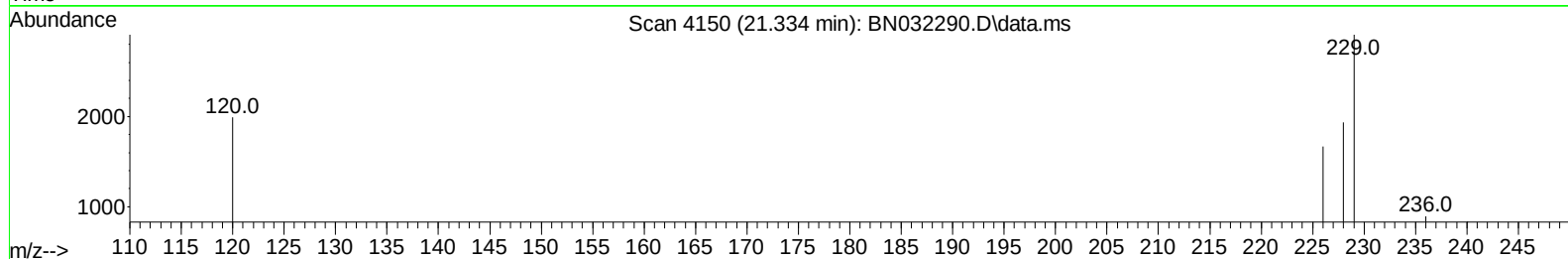
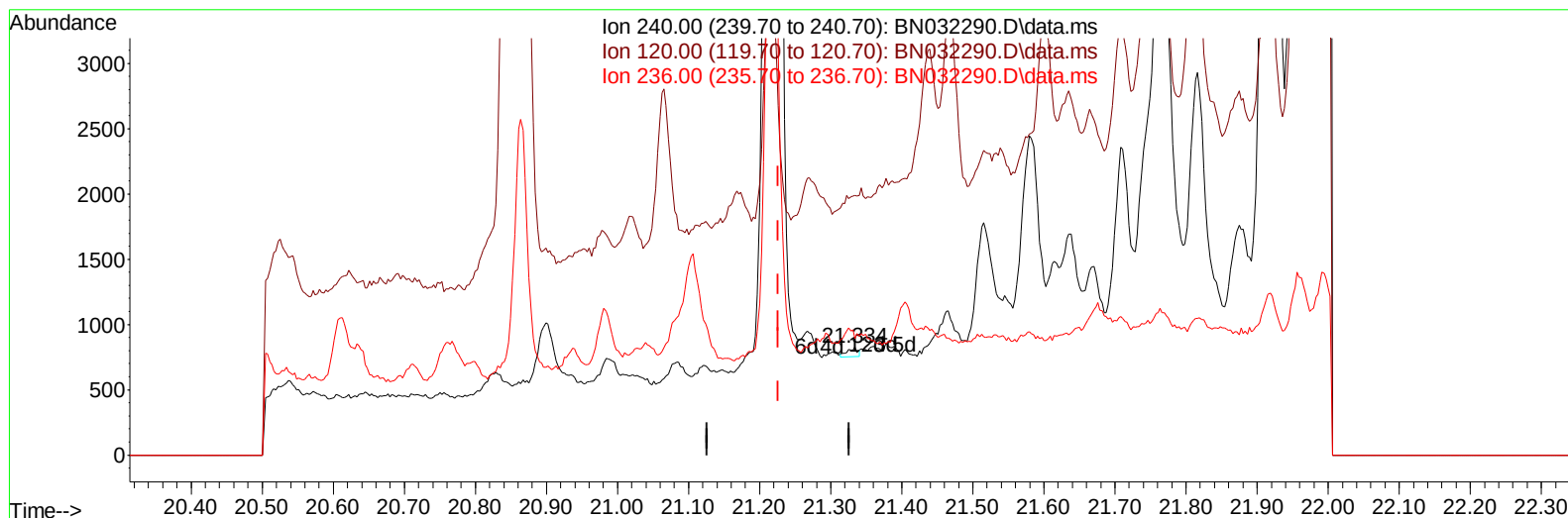
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032290.D
Acq On : 27 Jun 2024 21:18
Operator : MA/JU
Sample : P2909-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B43

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:52 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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Supervised By :mohammad ahmed 06/28/2024



TIC: BN032290.D\data.ms

(17) Chrysene-d12

21.334min (+ 0.108) 0.40 ng/u1

response 72

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	240.34#
236.00	28.40	107.85#
0.00	0.00	0.00

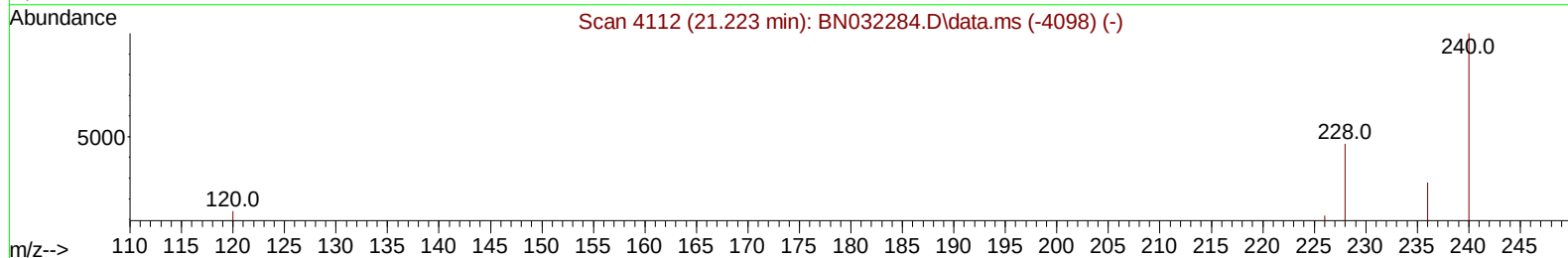
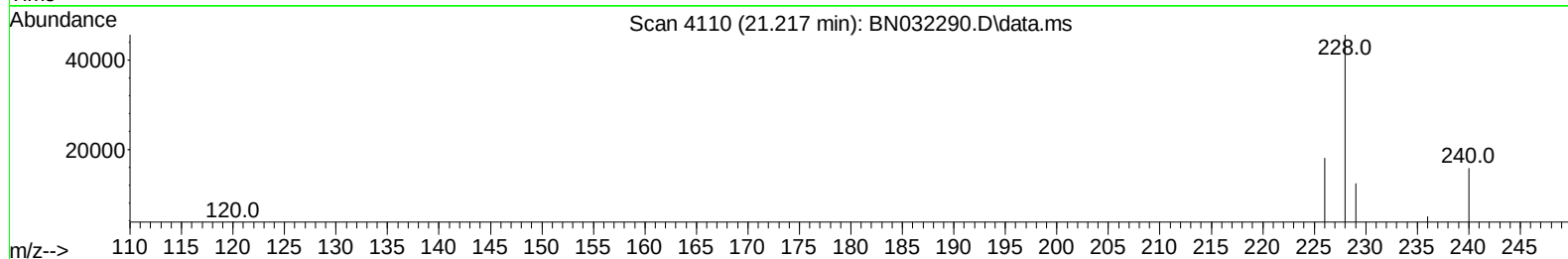
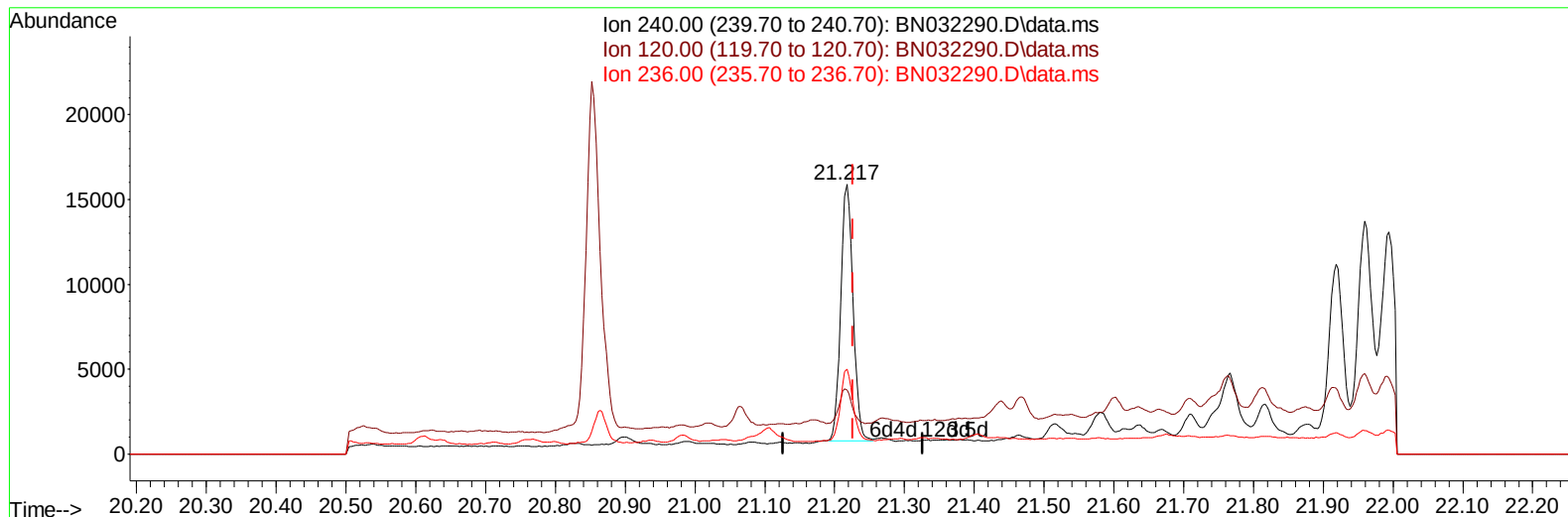
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032290.D
Acq On : 27 Jun 2024 21:18
Operator : MA/JU
Sample : P2909-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B43

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:52 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: BN032290.D\data.ms

(17) Chrysene-d12

21.217min (-0.009) 0.40 ng/ul m

response 18453

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	23.65#
236.00	28.40	31.53
0.00	0.00	0.00

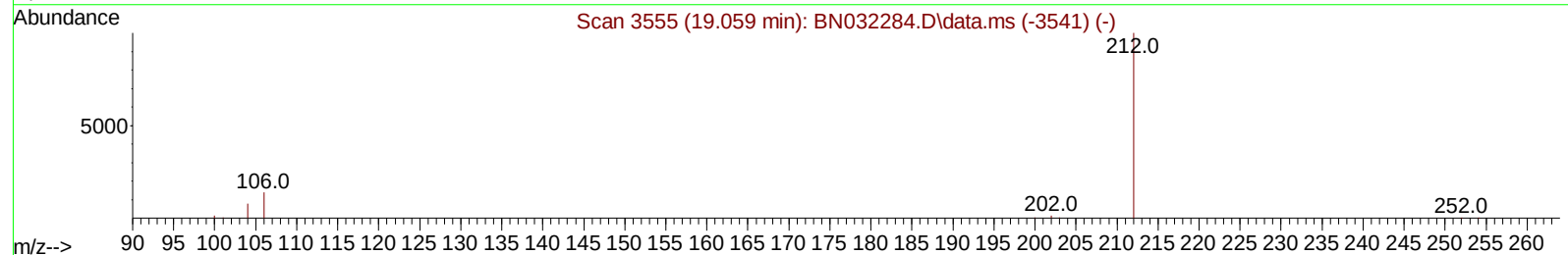
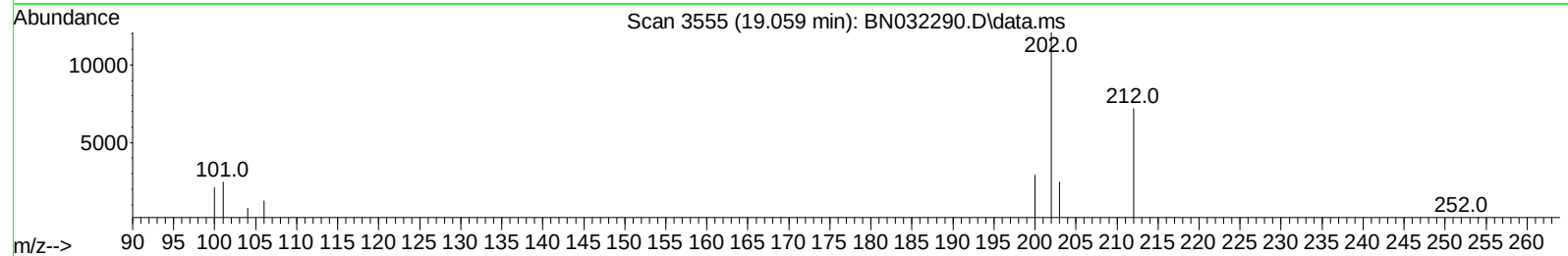
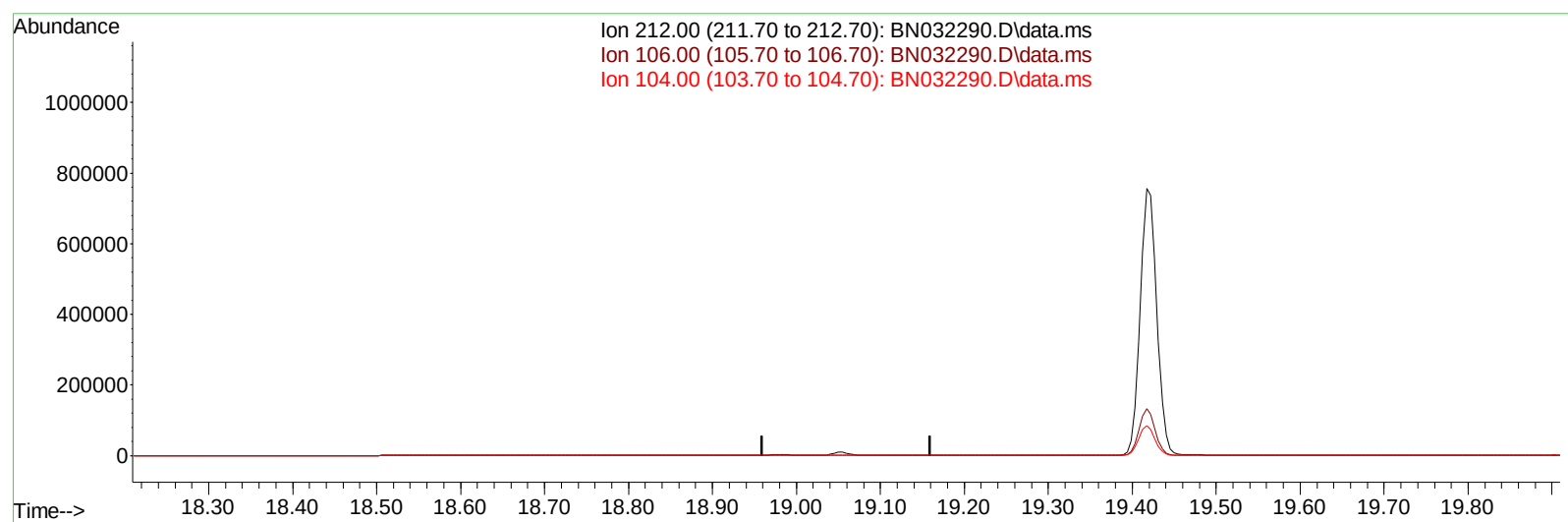
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032290.D
Acq On : 27 Jun 2024 21:18
Operator : MA/JU
Sample : P2909-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B43

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:52 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: BN032290.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

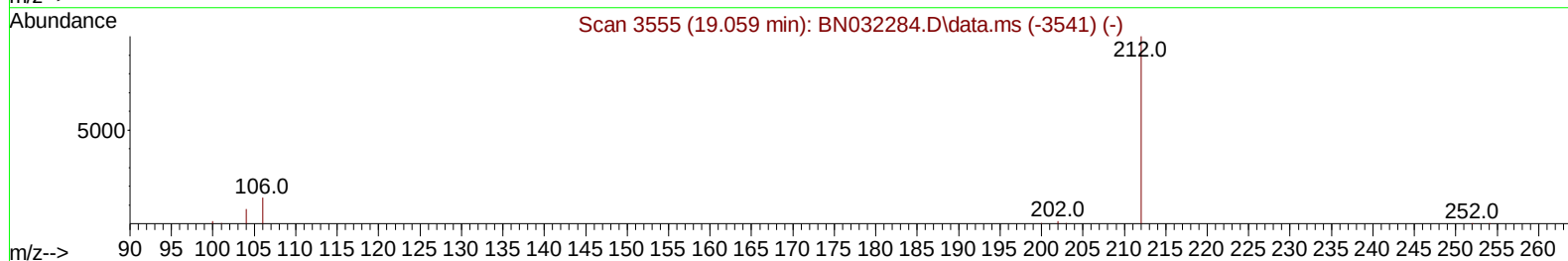
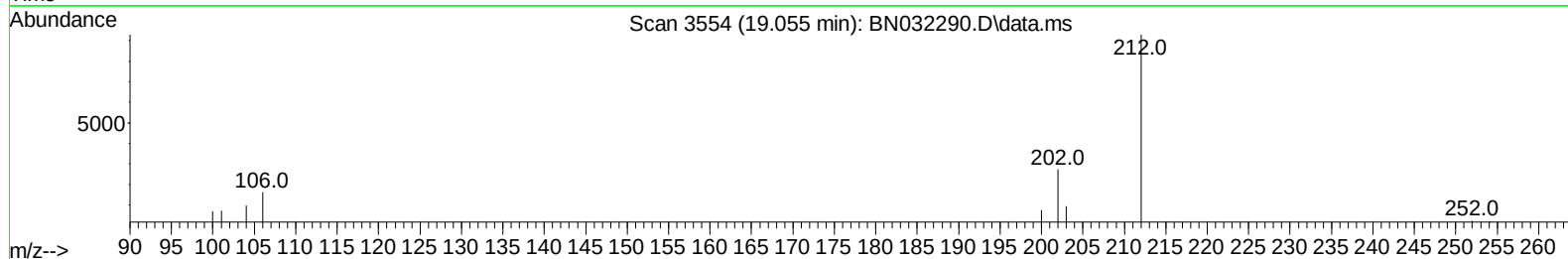
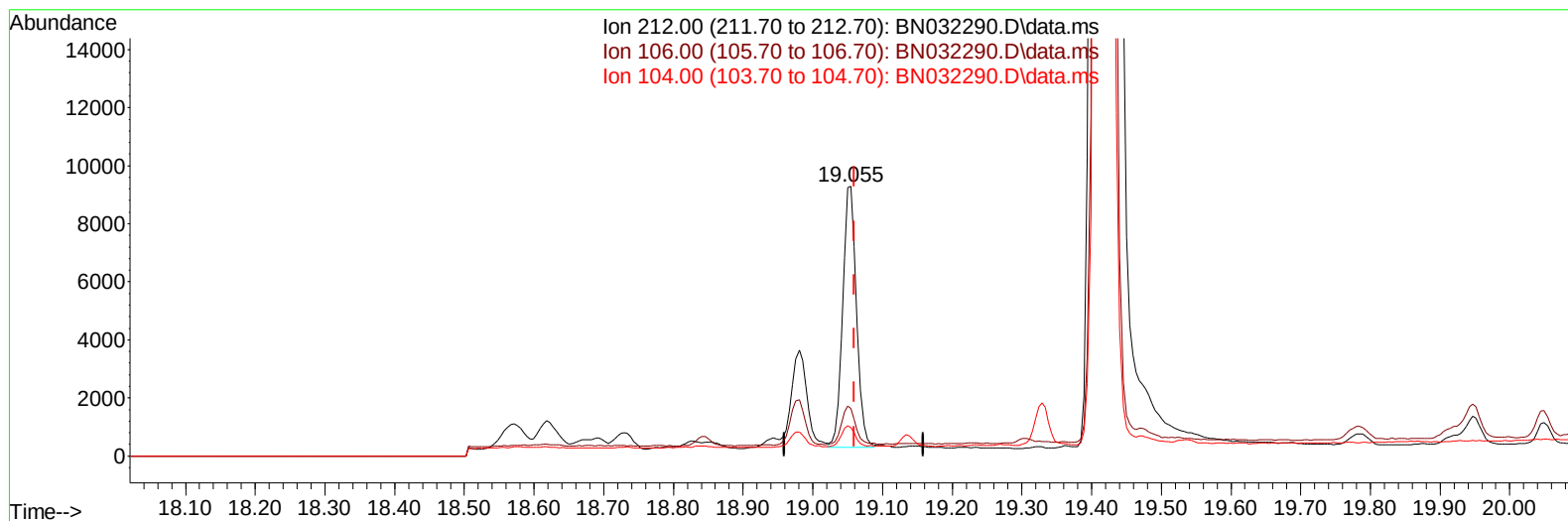
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032290.D
Acq On : 27 Jun 2024 21:18
Operator : MA/JU
Sample : P2909-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B43

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:52 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: BN032290.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.055min (-0.005) 0.22 ng/u1 m

response 12423

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

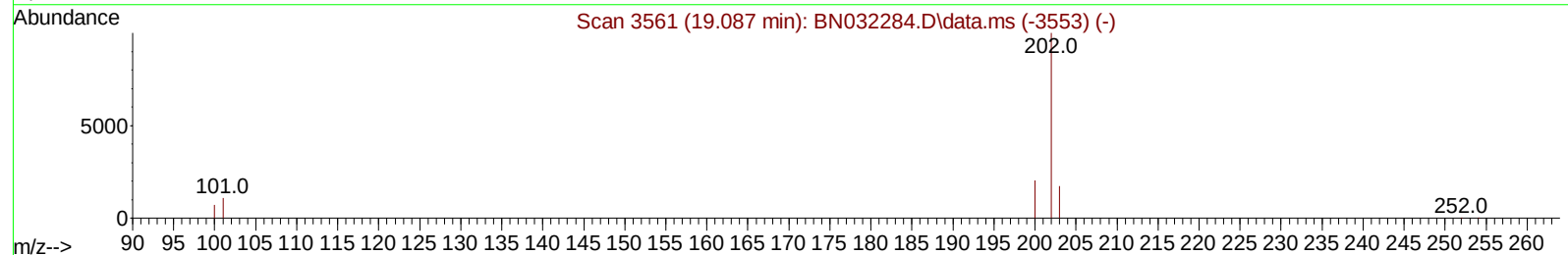
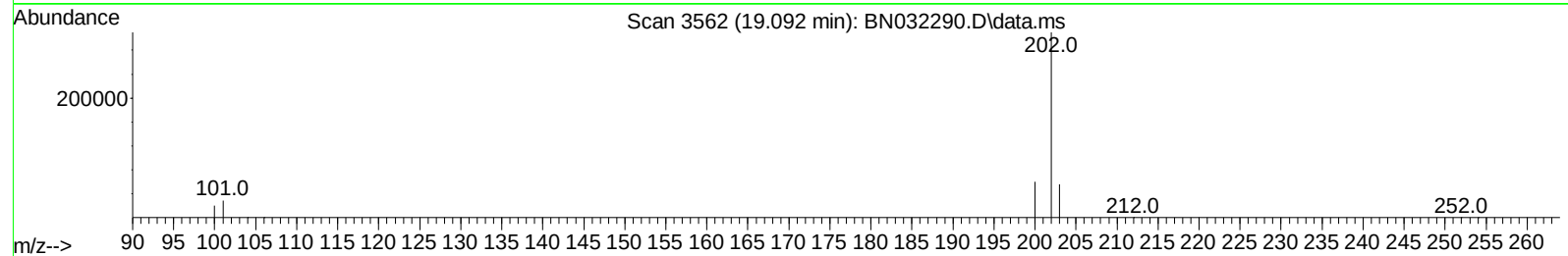
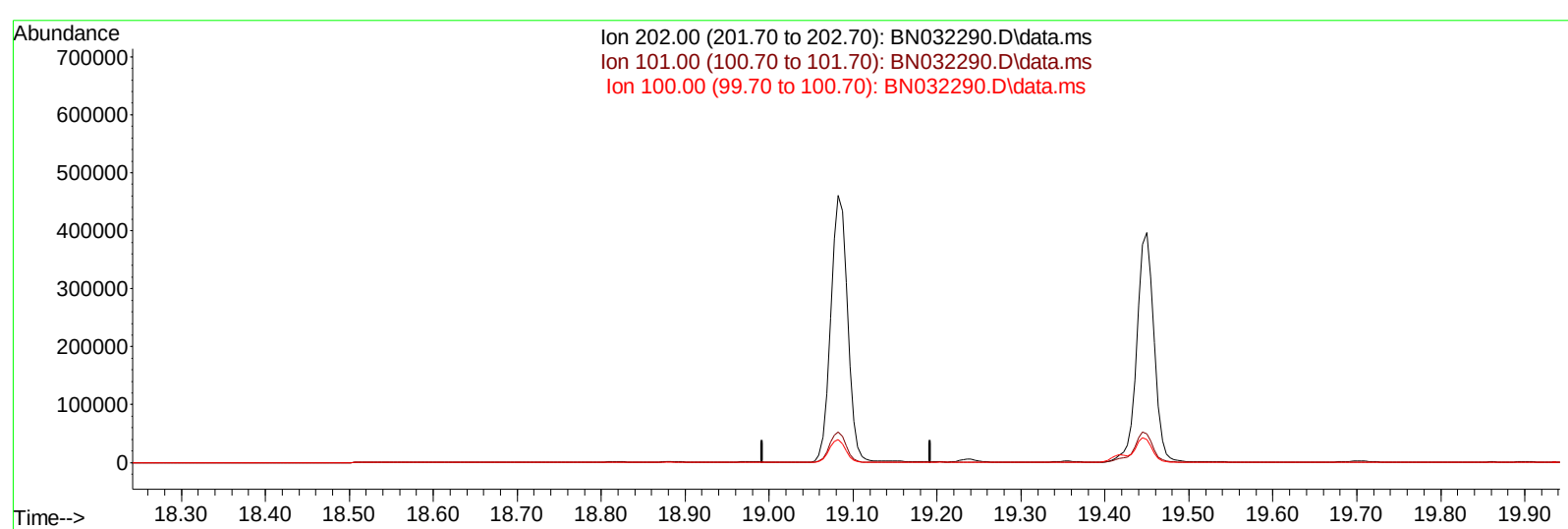
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032290.D
Acq On : 27 Jun 2024 21:18
Operator : MA/JU
Sample : P2909-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B43

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:52 2024
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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: BN032290.D\data.ms

(19) Fluoranthene (C)

19.092min (-19.092) 0.00 ng/ul

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

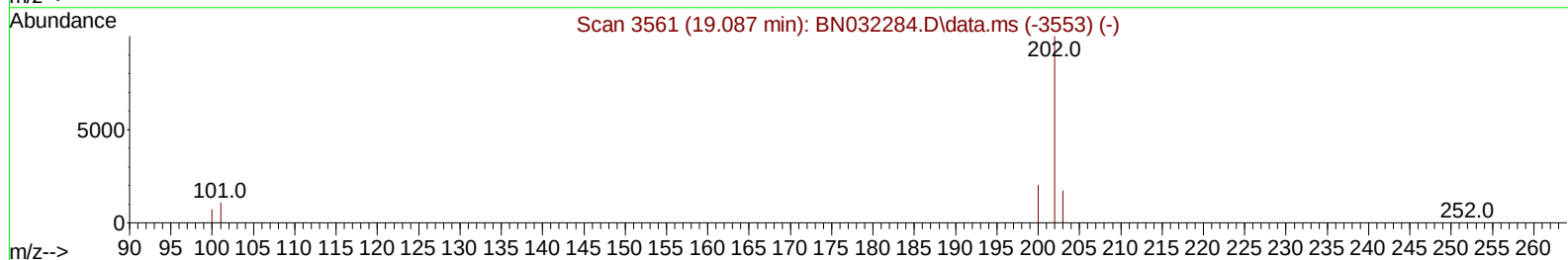
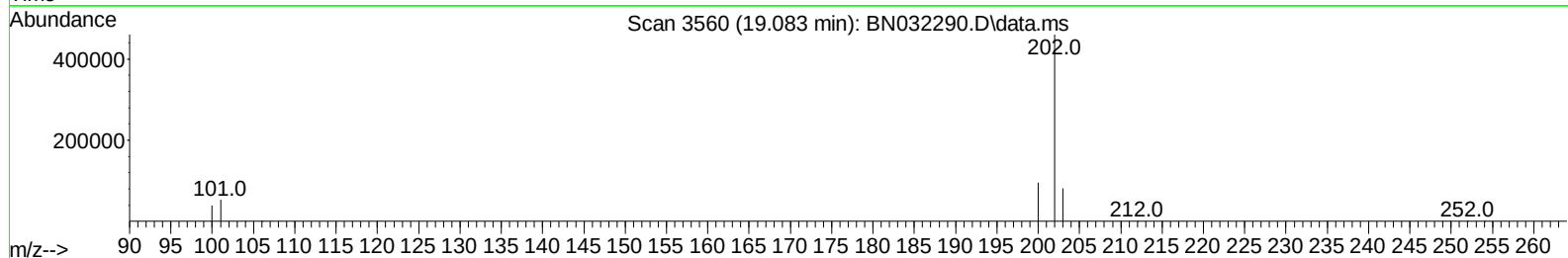
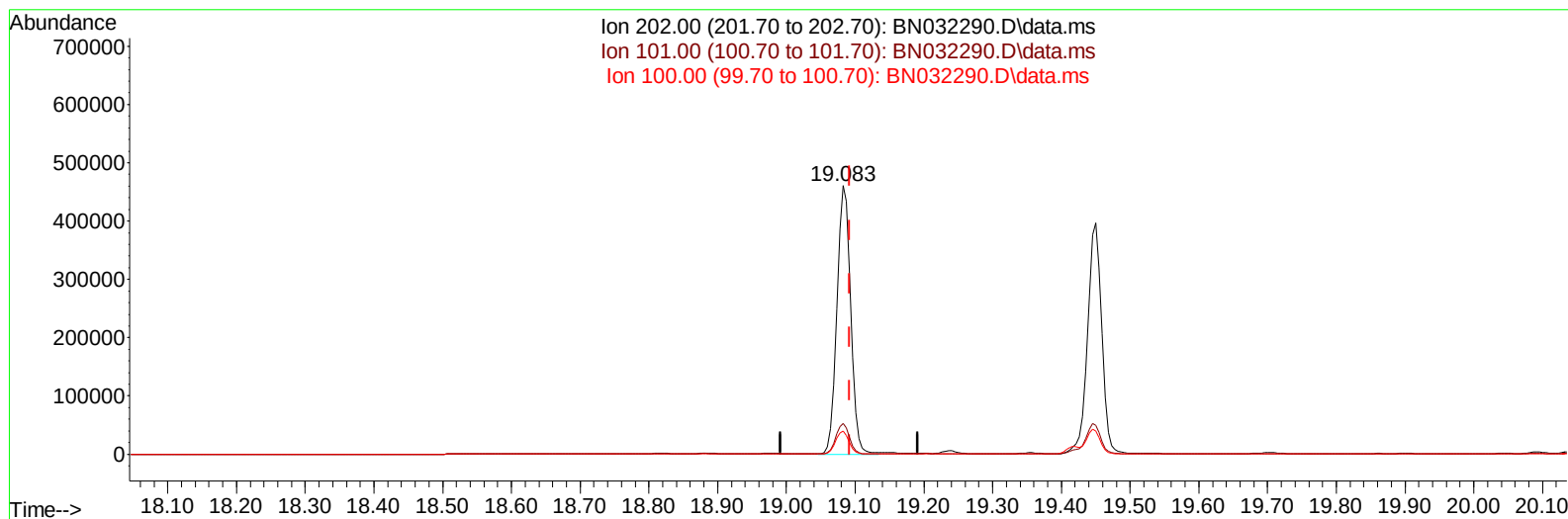
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032290.D
Acq On : 27 Jun 2024 21:18
Operator : MA/JU
Sample : P2909-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B43

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:52 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: BN032290.D\data.ms

(19) Fluoranthene (C)

19.083min (-0.009) 9.17 ng/ul m

response 644268

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.48
100.00	8.00	8.59
0.00	0.00	0.00

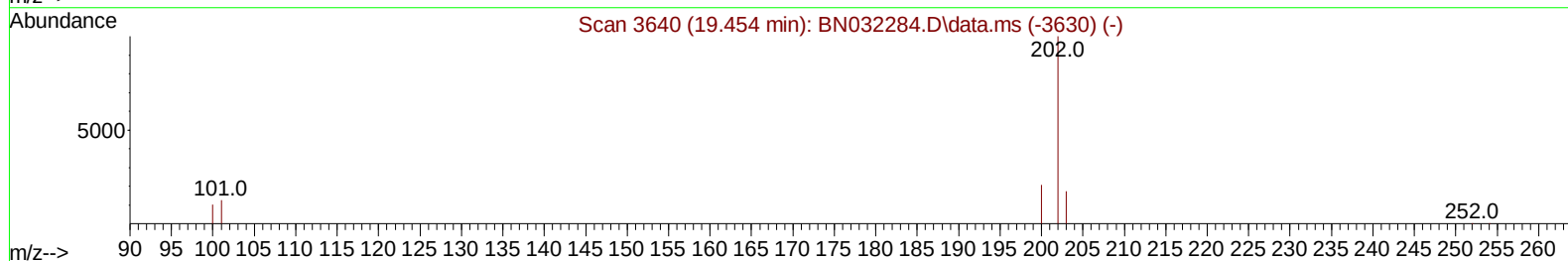
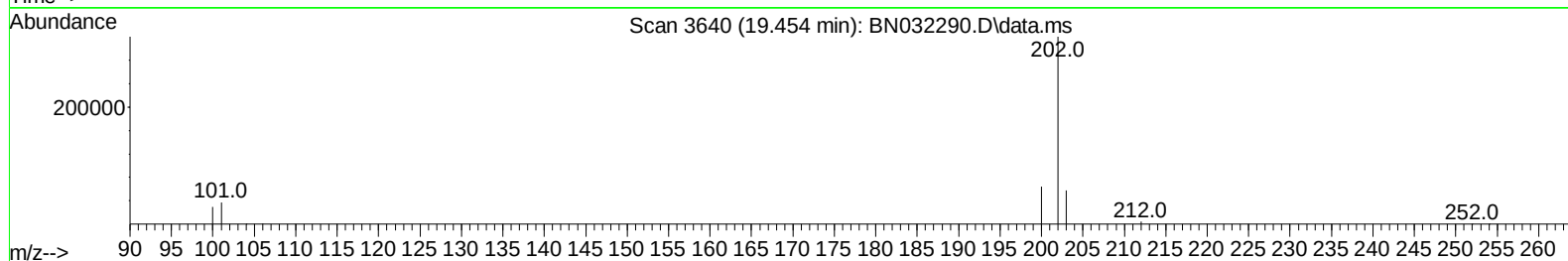
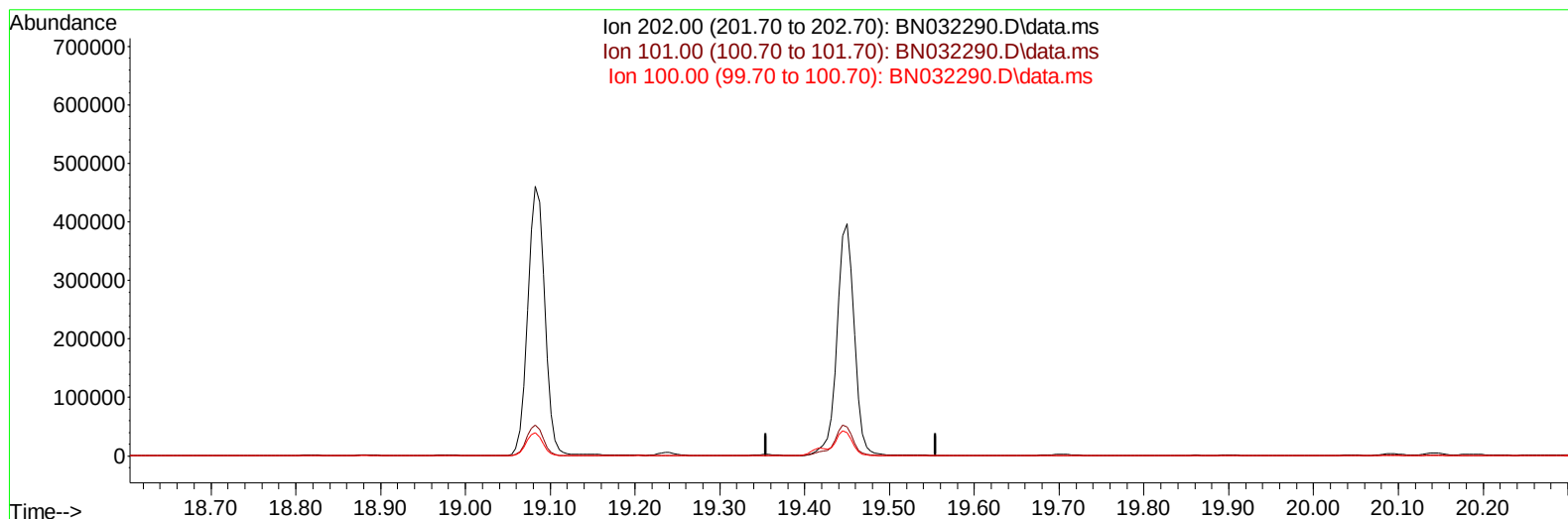
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032290.D
Acq On : 27 Jun 2024 21:18
Operator : MA/JU
Sample : P2909-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B43

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032290.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

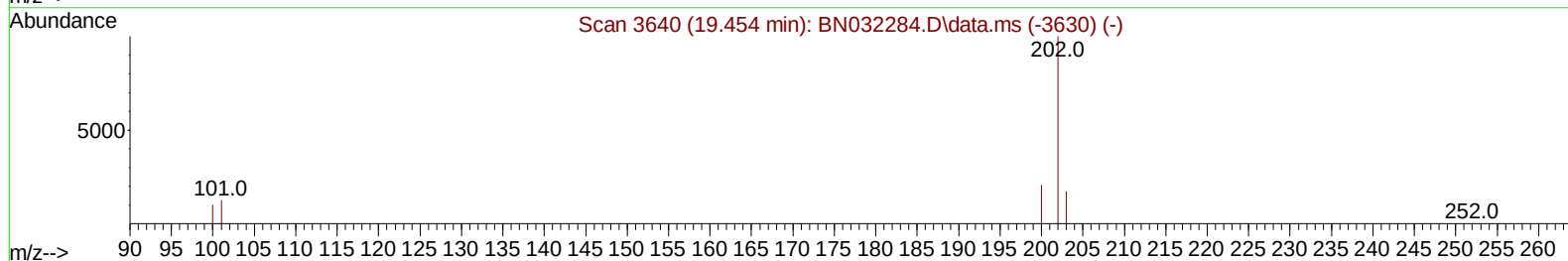
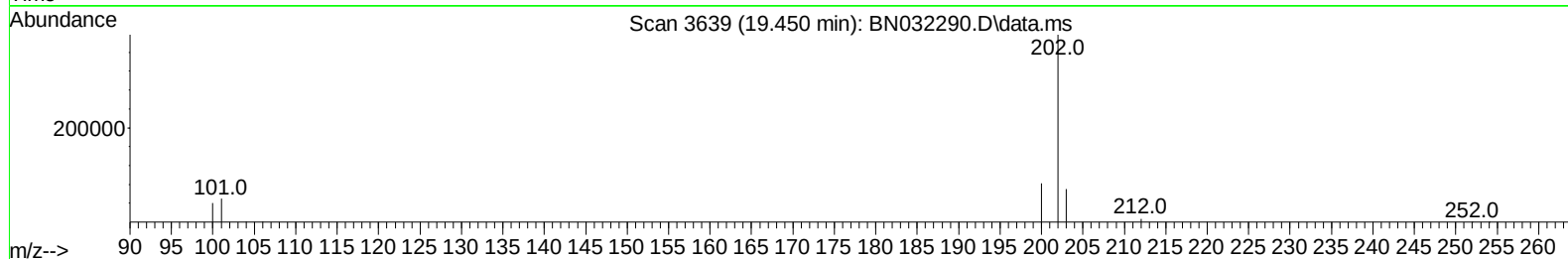
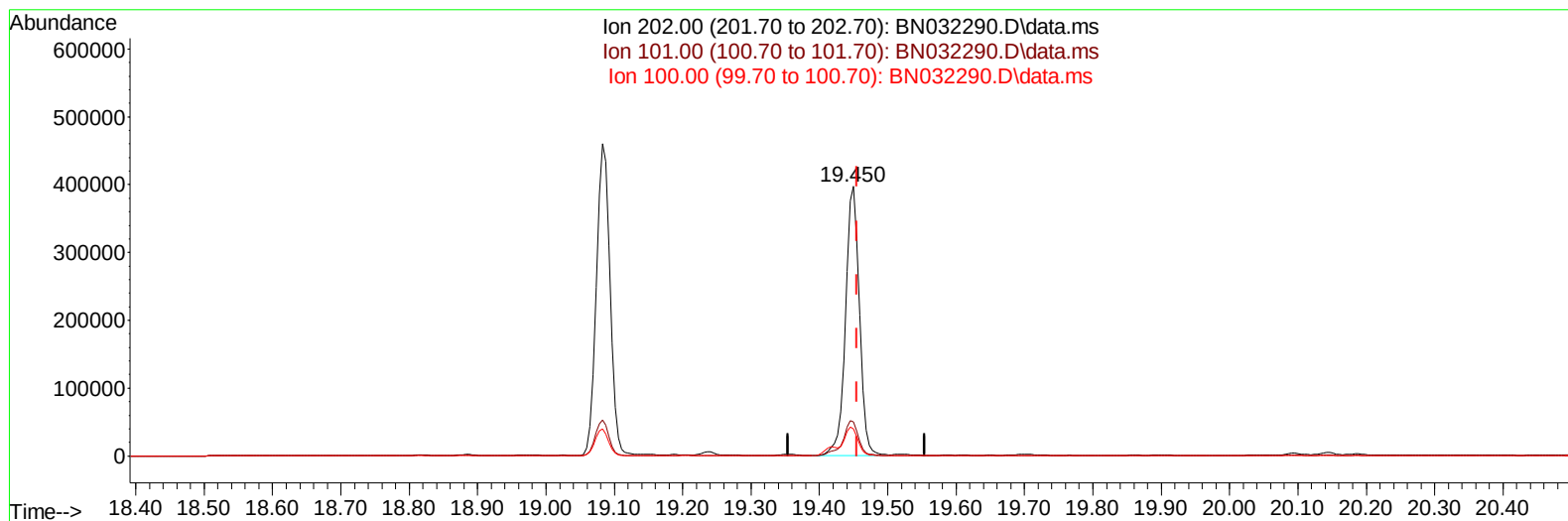
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032290.D
Acq On : 27 Jun 2024 21:18
Operator : MA/JU
Sample : P2909-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B43

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:52 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: BN032290.D\data.ms

(20) Pyrene

19.450min (-0.005) 7.69 ng/ul m

response 564764

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	12.56
100.00	10.90	10.07
0.00	0.00	0.00

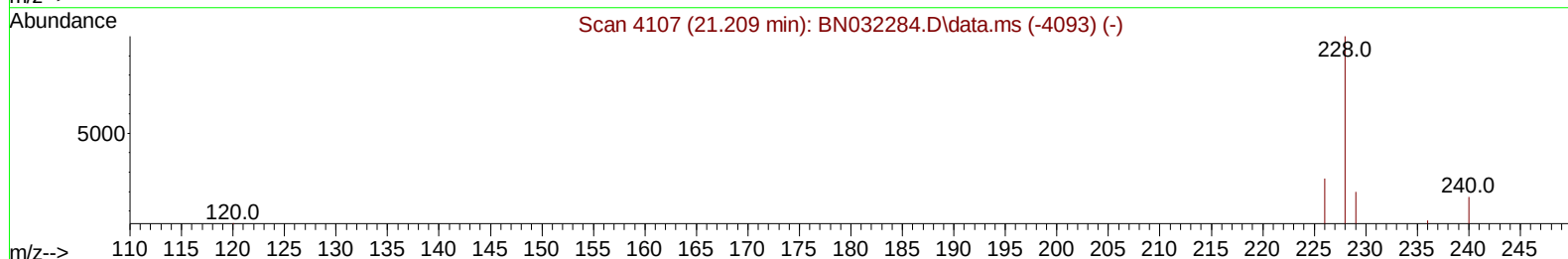
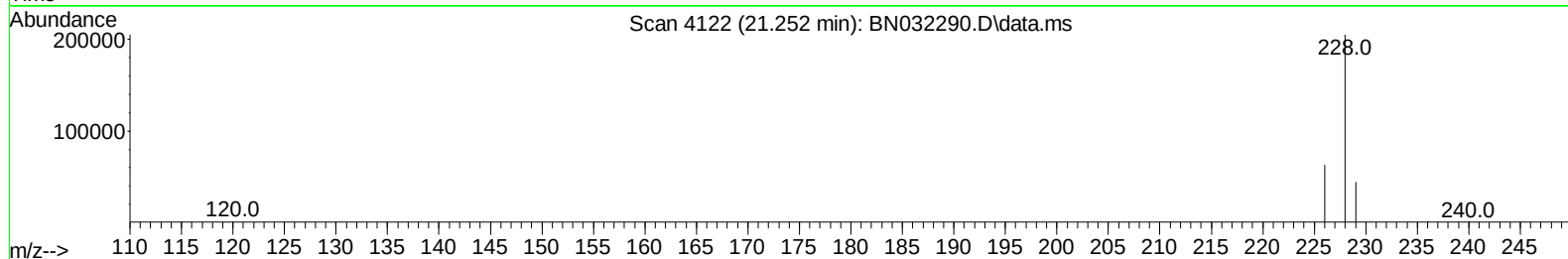
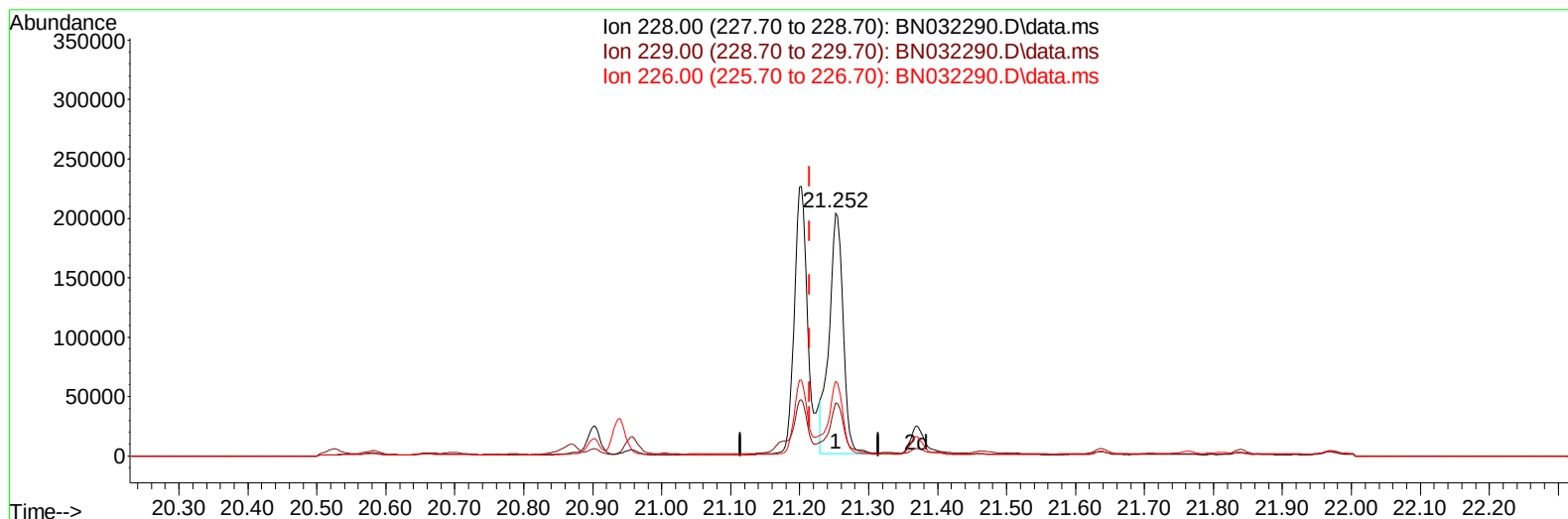
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032290.D
Acq On : 27 Jun 2024 21:18
Operator : MA/JU
Sample : P2909-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B43

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:52 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: BN032290.D\data.ms

(21) Benzo(a)anthracene

21.252min (+ 0.038) 4.30 ng/u1

response 286481

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	21.81
226.00	27.30	30.81
0.00	0.00	0.00

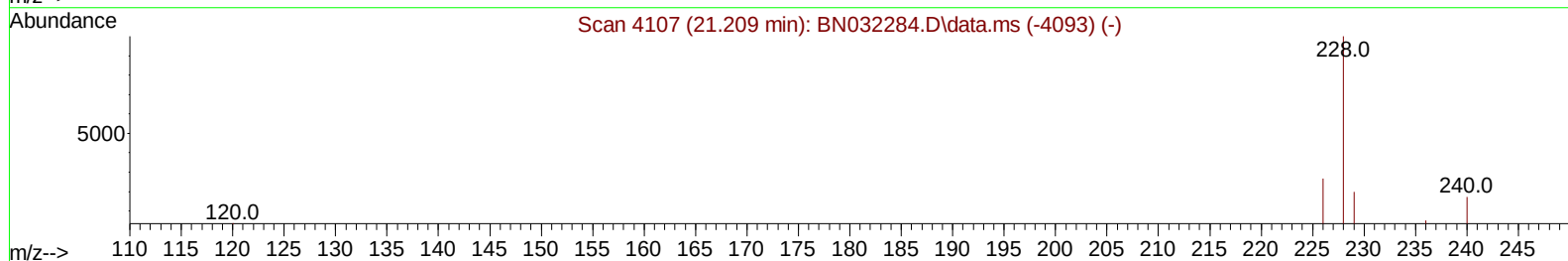
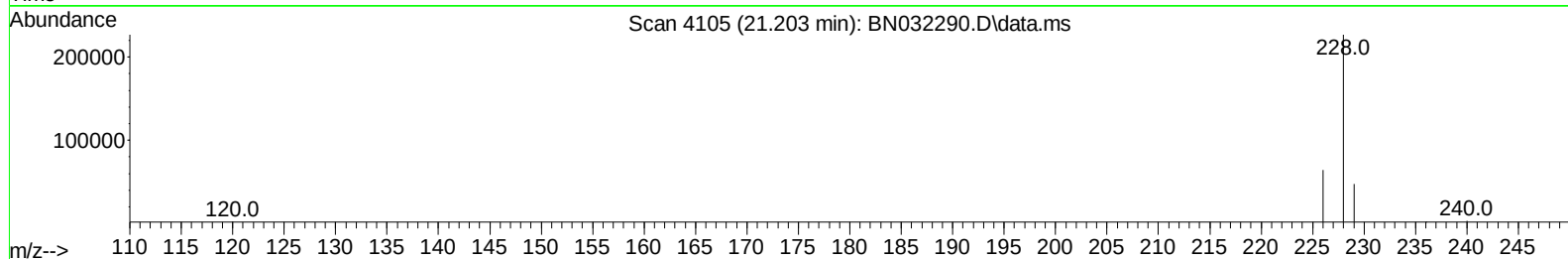
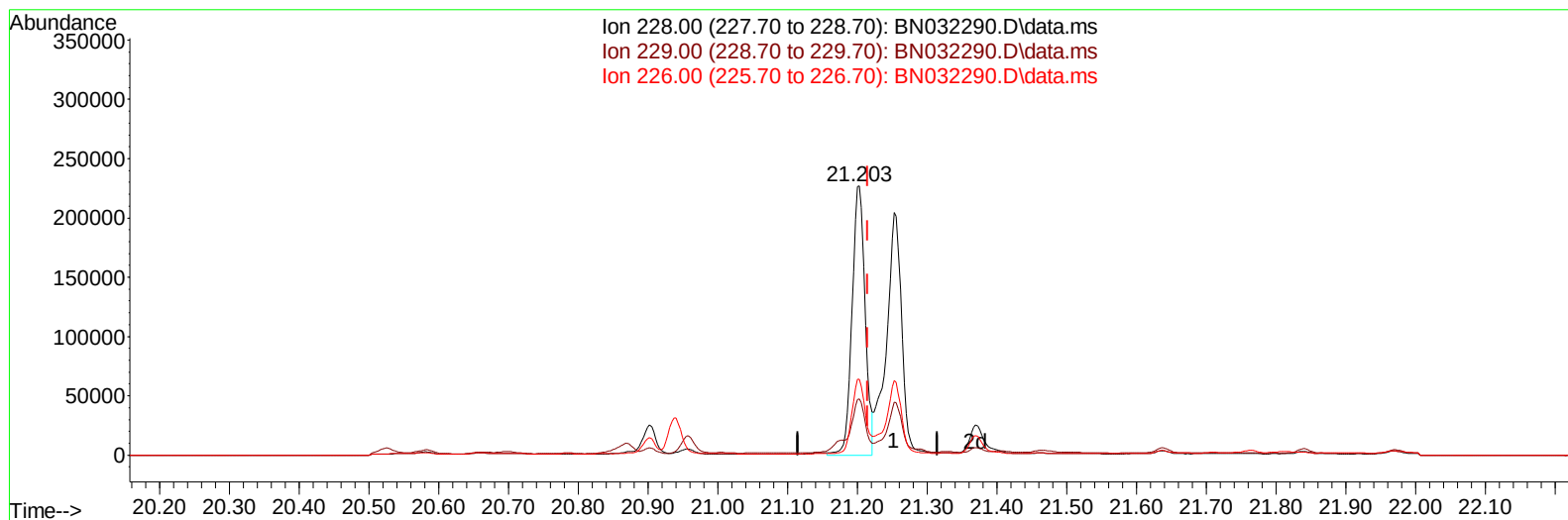
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032290.D
Acq On : 27 Jun 2024 21:18
Operator : MA/JU
Sample : P2909-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B43

Manual IntegrationsAPPROVED

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

Quant Time: Jun 28 00:27:52 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: BN032290.D\data.ms

(21) Benzo(a)anthracene

21.203min (-0.012) 4.44 ng/ul m

response 295666

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	20.85
226.00	27.30	28.24
0.00	0.00	0.00

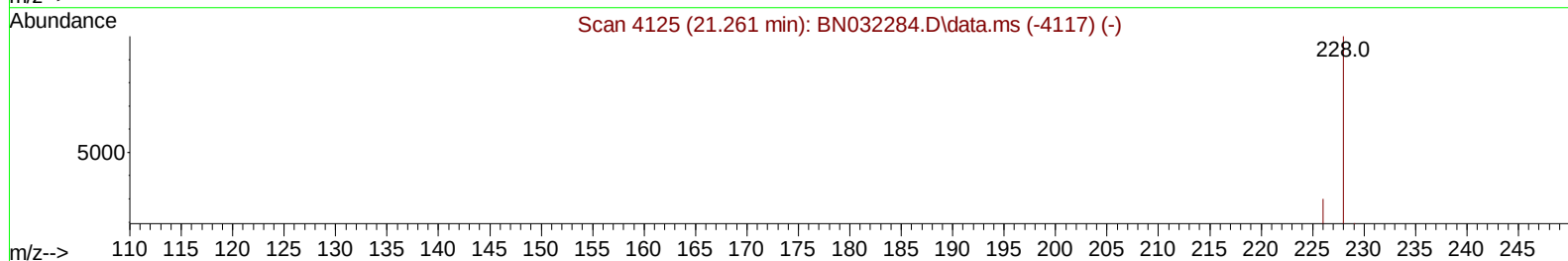
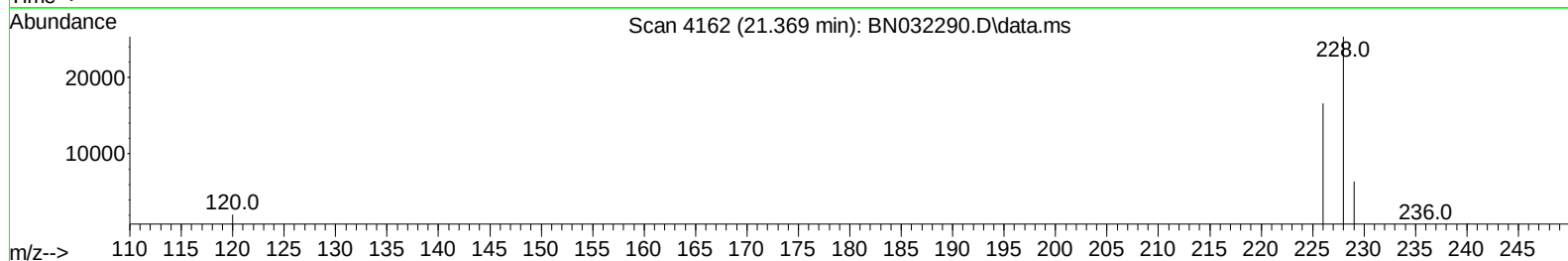
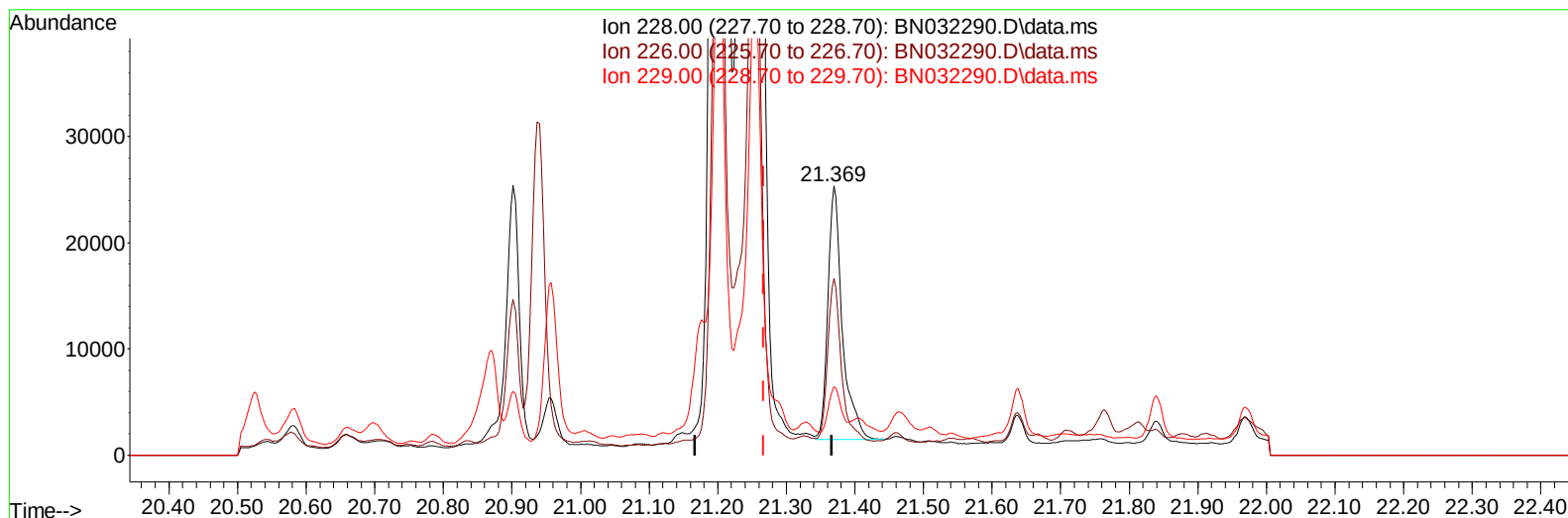
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032290.D
Acq On : 27 Jun 2024 21:18
Operator : MA/JU
Sample : P2909-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B43

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:52 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: BN032290.D\data.ms

(22) Chrysene

21.369min (+ 0.102) 0.48 ng/u1

response 34869

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	65.63#
229.00	19.60	25.32#
0.00	0.00	0.00

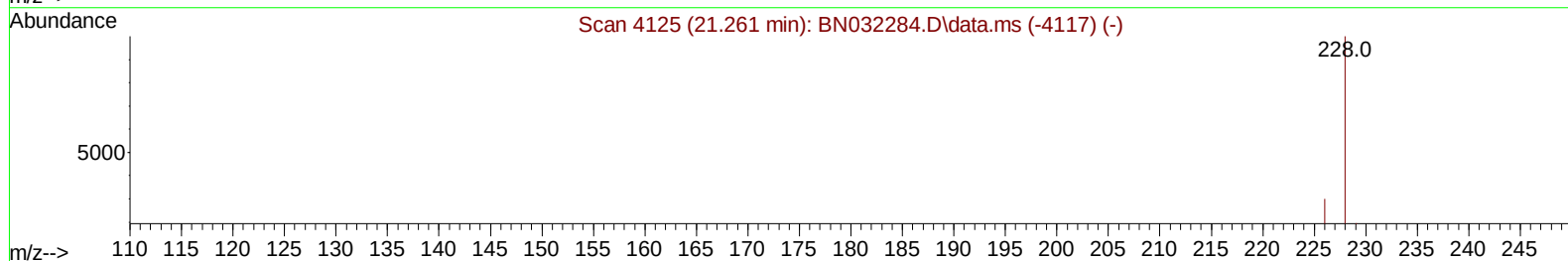
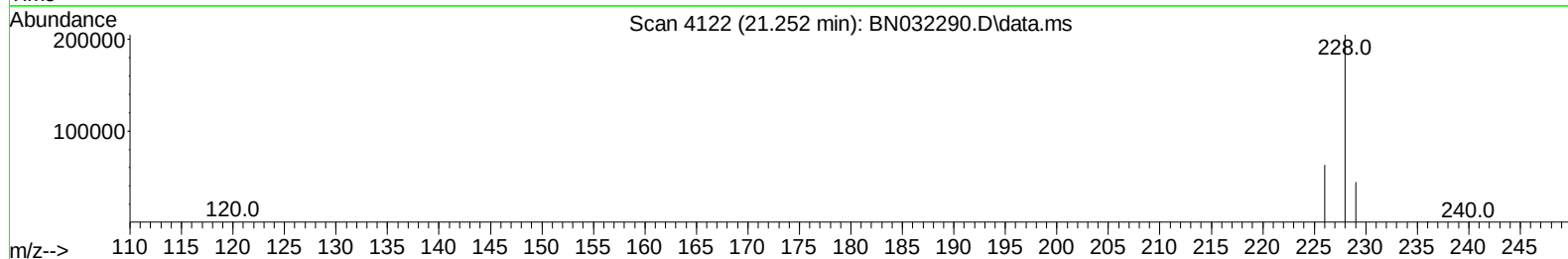
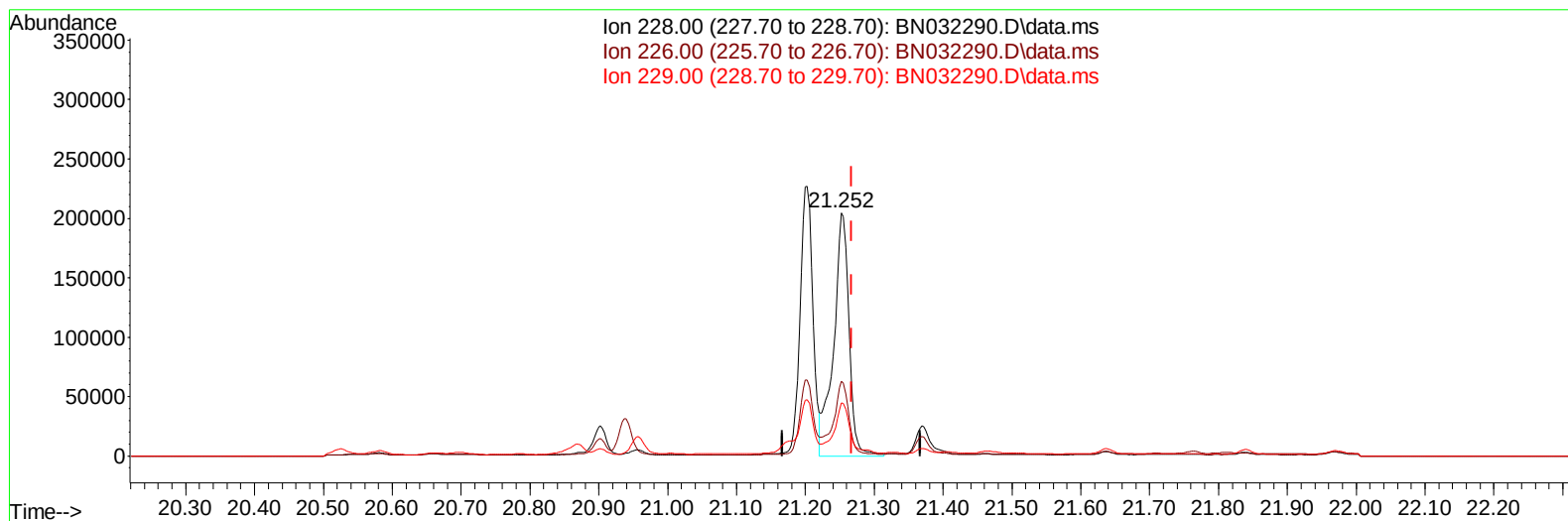
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032290.D
Acq On : 27 Jun 2024 21:18
Operator : MA/JU
Sample : P2909-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B43

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:52 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: BN032290.D\data.ms

(22) Chrysene

21.252min (-0.015) 4.35 ng/ul m

response 318077

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	30.81
229.00	19.60	21.81
0.00	0.00	0.00

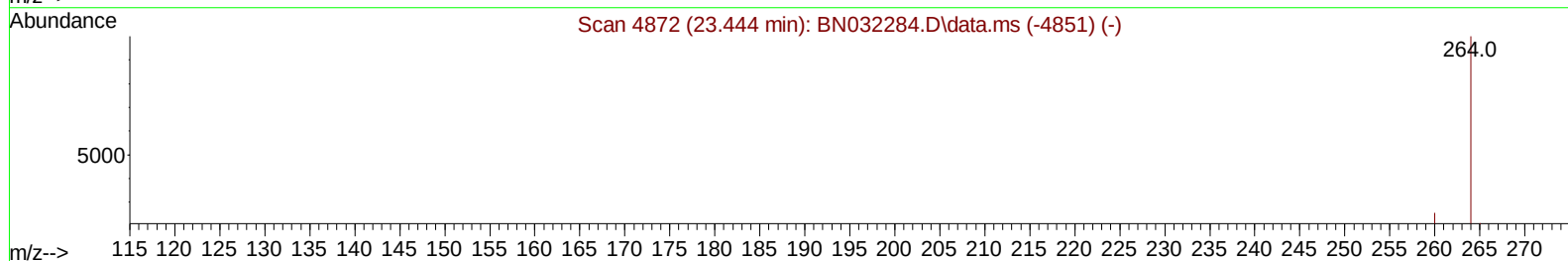
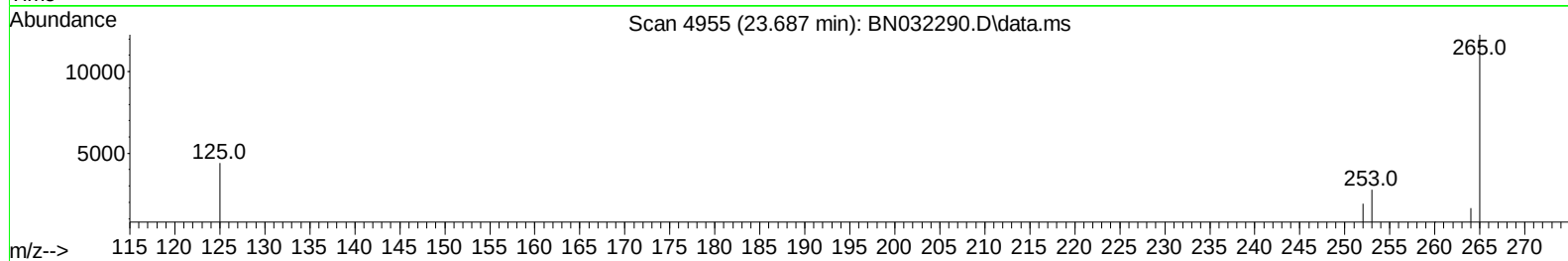
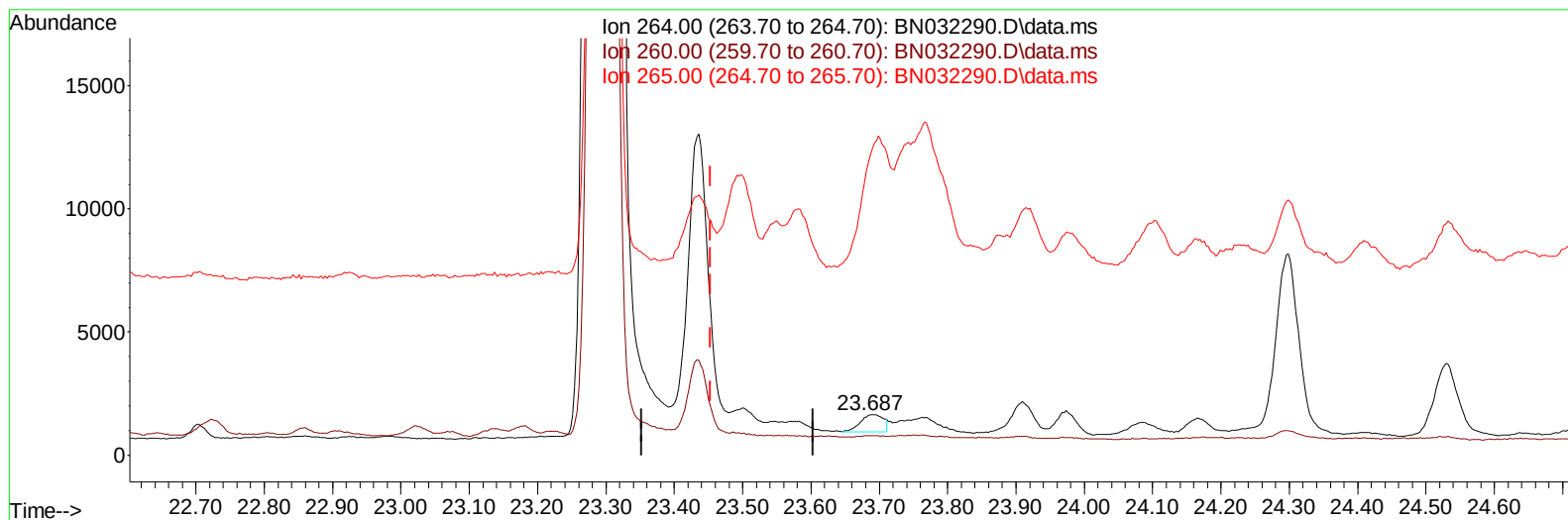
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032290.D
Acq On : 27 Jun 2024 21:18
Operator : MA/JU
Sample : P2909-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B43

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032290.D\data.ms

(23) Perylene-d12 (I)

23.687min (+ 0.234) 0.40 ng/u1

response 1619

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	47.69#
265.00	67.20	743.81#
0.00	0.00	0.00

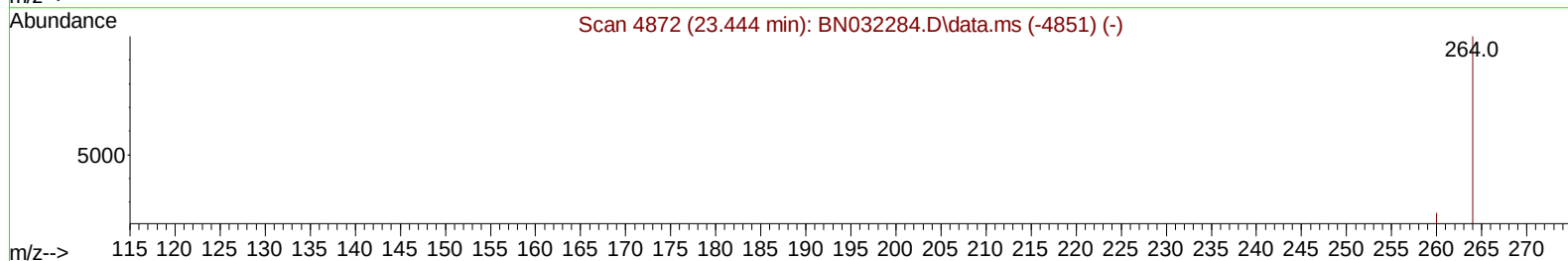
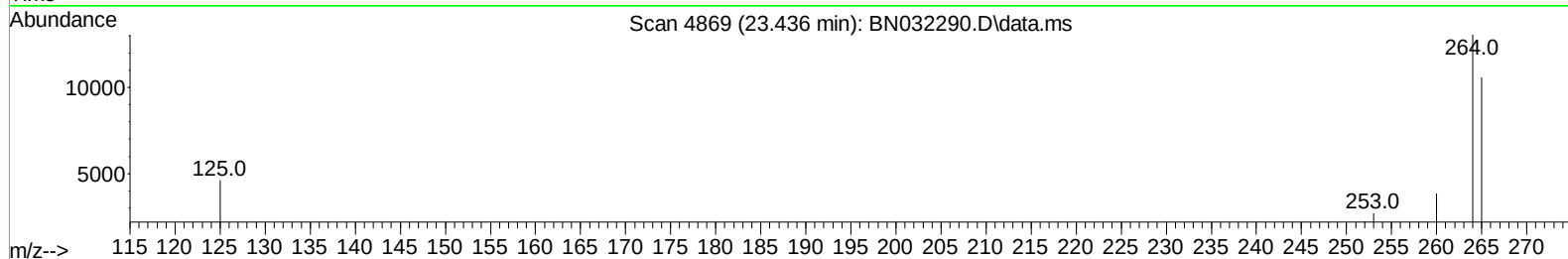
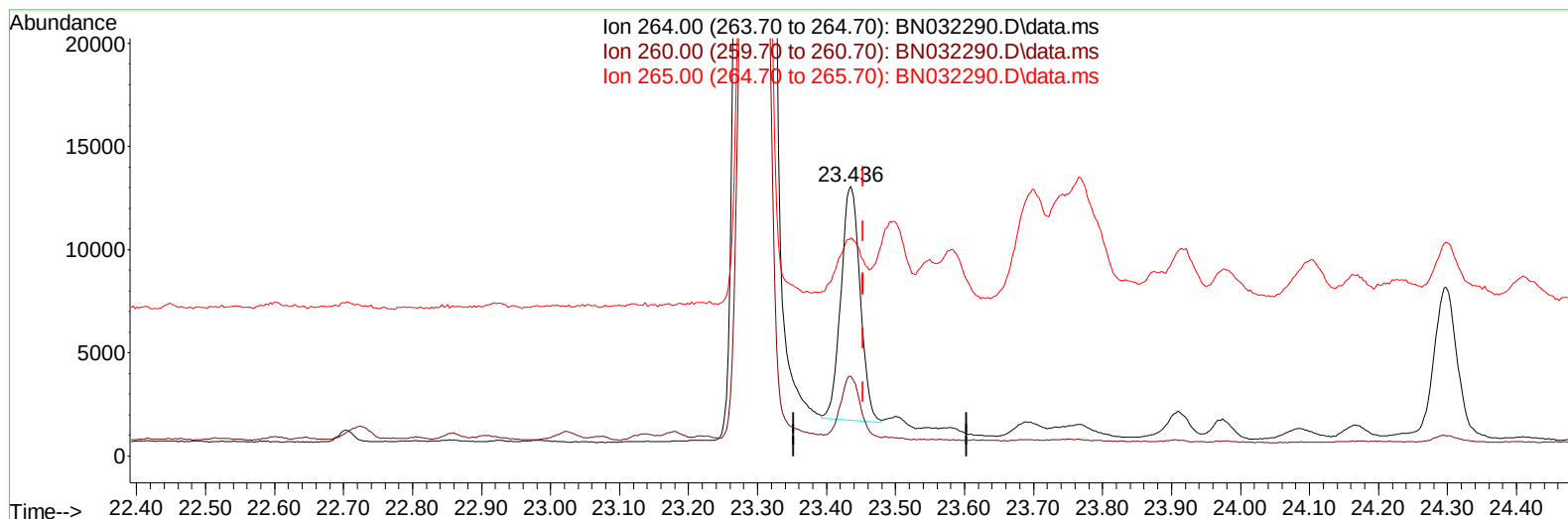
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032290.D
Acq On : 27 Jun 2024 21:18
Operator : MA/JU
Sample : P2909-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B43

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:52 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: BN032290.D\data.ms

(23) Perylene-d12 (I)

23.436min (-0.018) 0.40 ng/ul m

response 21961

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	29.55
265.00	67.20	80.99#
0.00	0.00	0.00

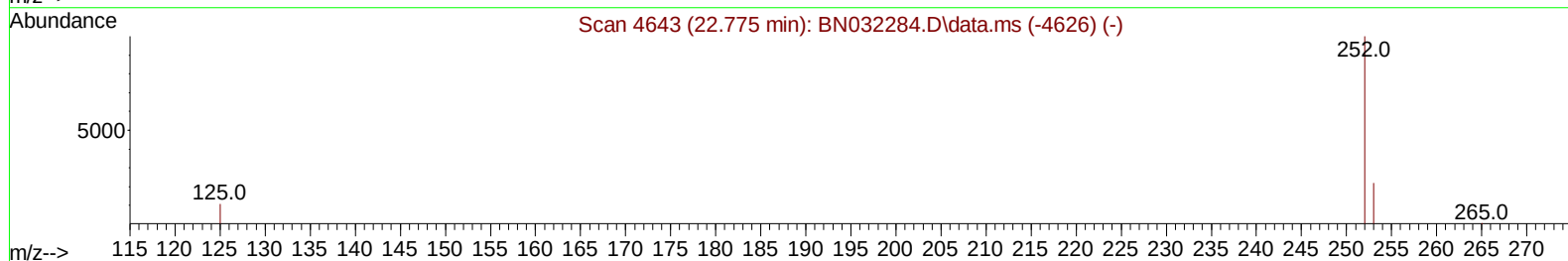
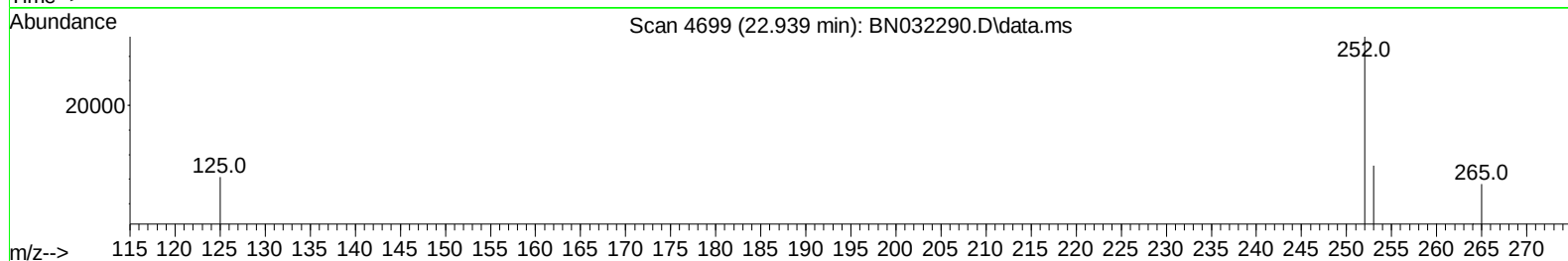
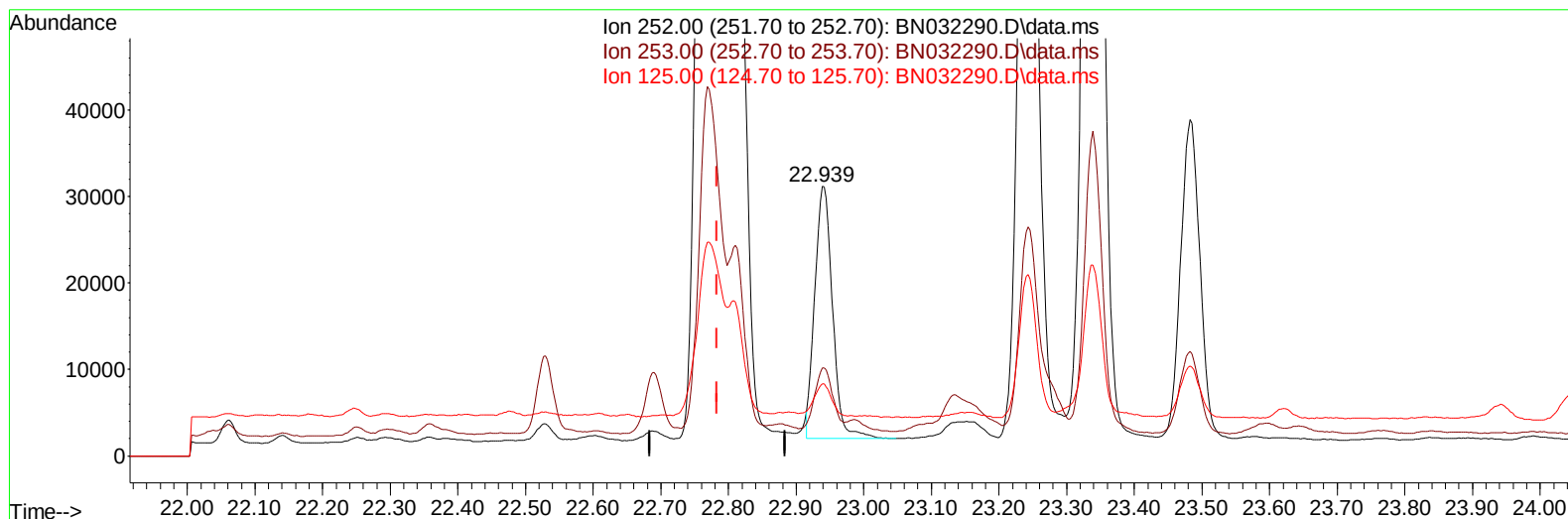
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032290.D
Acq On : 27 Jun 2024 21:18
Operator : MA/JU
Sample : P2909-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B43

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:52 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: BN032290.D\data.ms

(24) Benzo(b)fluoranthene

22.939min (+ 0.155) 0.56 ng/u1

response 53088

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	32.77
125.00	16.00	26.78
0.00	0.00	0.00

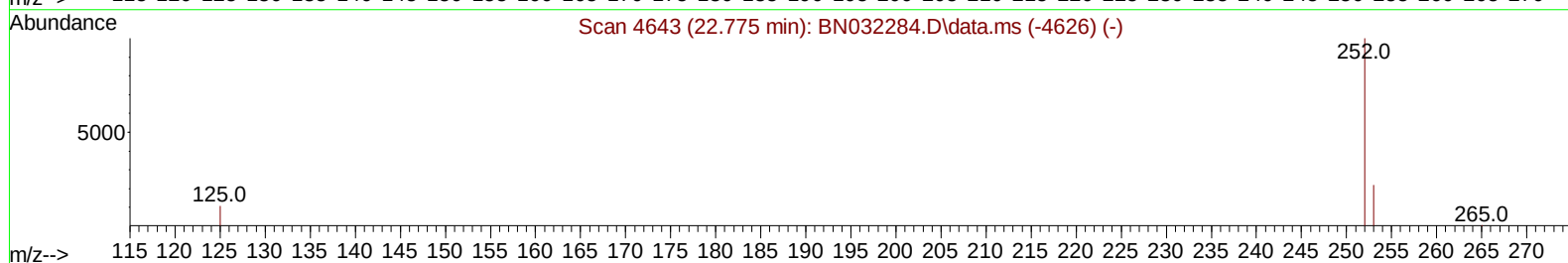
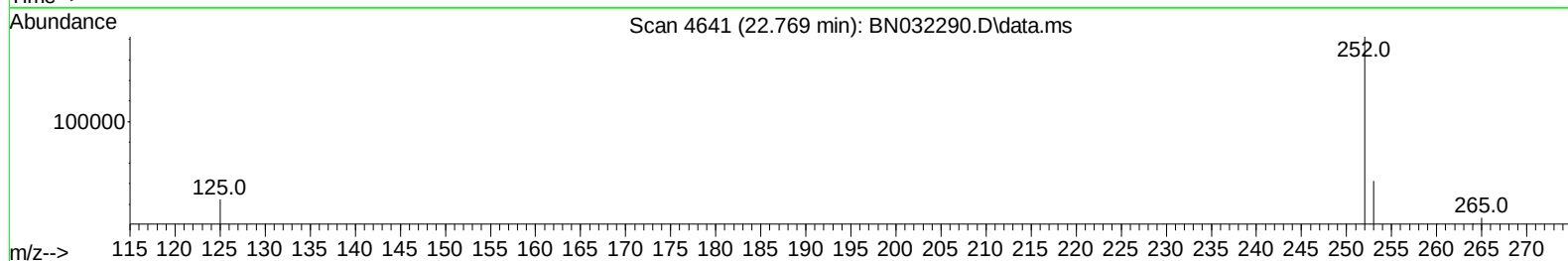
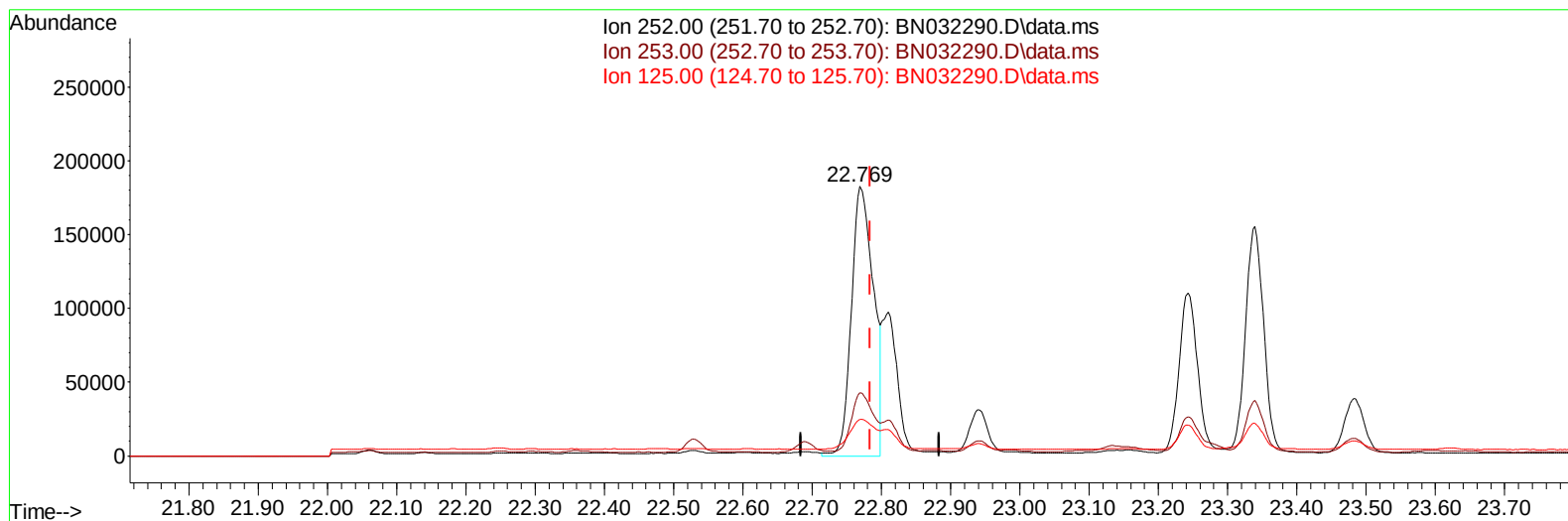
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032290.D
Acq On : 27 Jun 2024 21:18
Operator : MA/JU
Sample : P2909-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B43

Manual IntegrationsAPPROVED

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

Quant Time: Jun 28 00:27:52 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: BN032290.D\data.ms

(24) Benzo(b)fluoranthene

22.769min (-0.015) 4.25 ng/ul m

response 405329

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.40
125.00	16.00	13.53
0.00	0.00	0.00

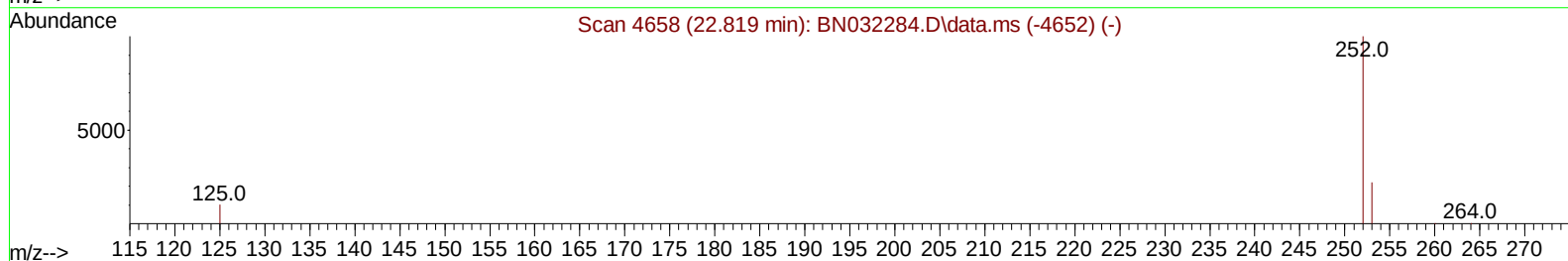
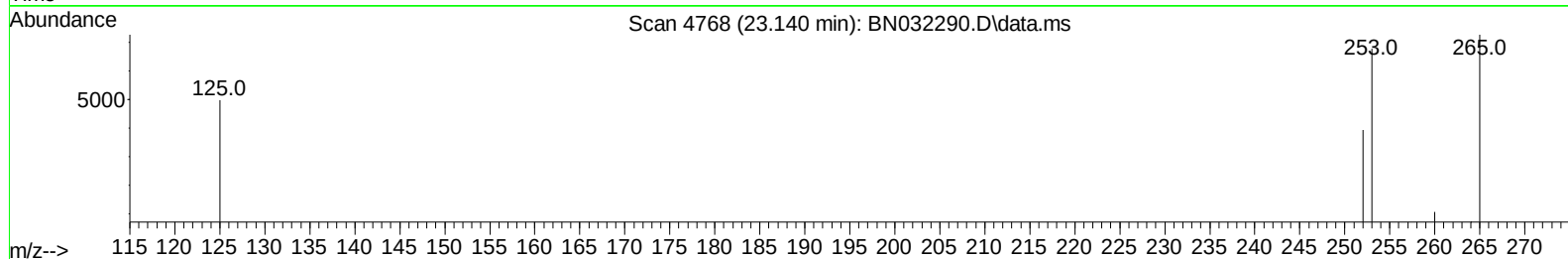
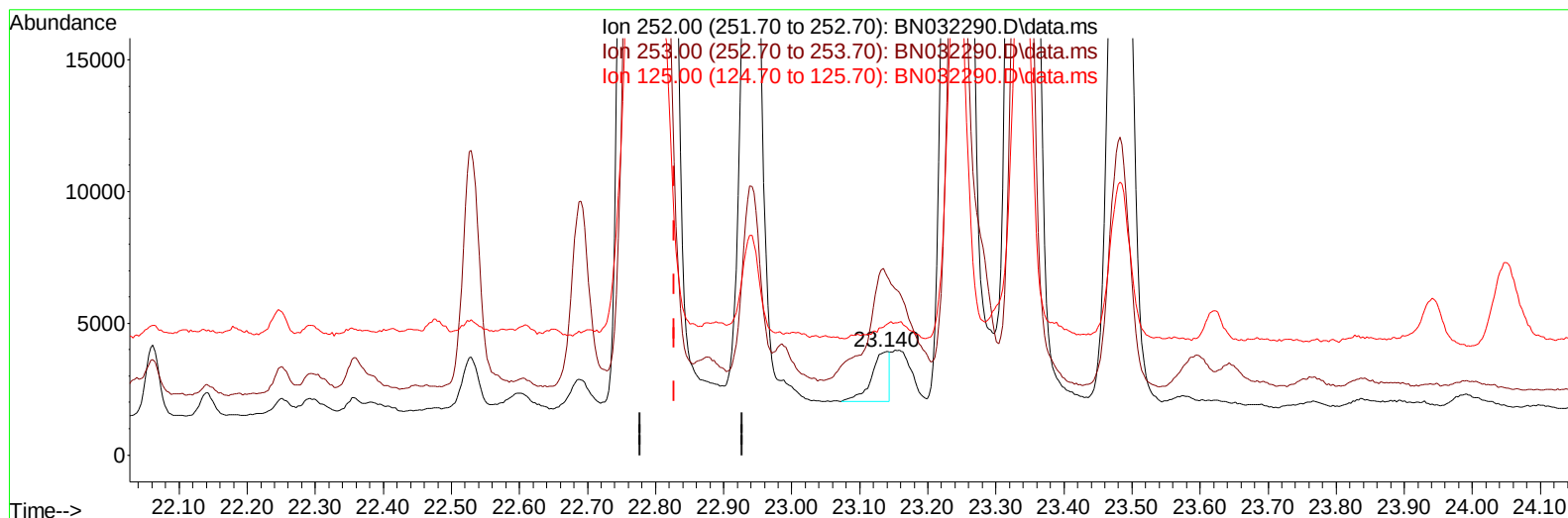
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032290.D
Acq On : 27 Jun 2024 21:18
Operator : MA/JU
Sample : P2909-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B43

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:52 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: BN032290.D\data.ms

(25) Benzo(k)fluoranthene

23.140min (+ 0.313) 0.04 ng/u1

response 3450

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	172.10#
125.00	16.00	126.48#
0.00	0.00	0.00

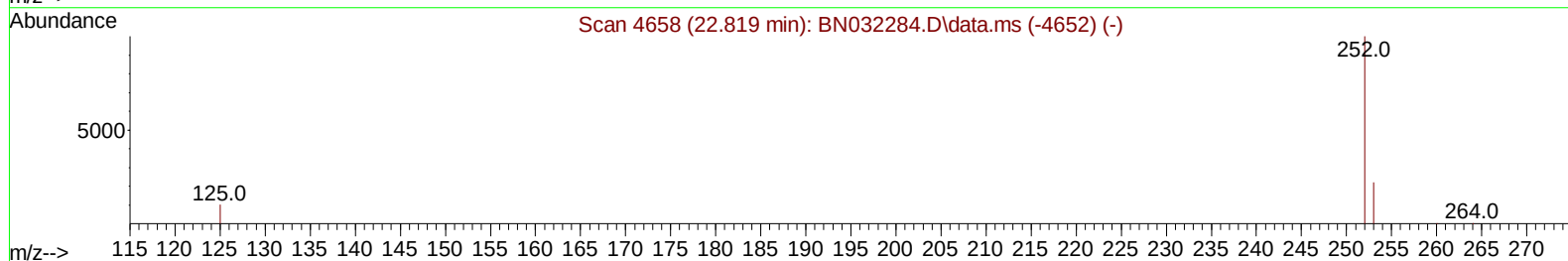
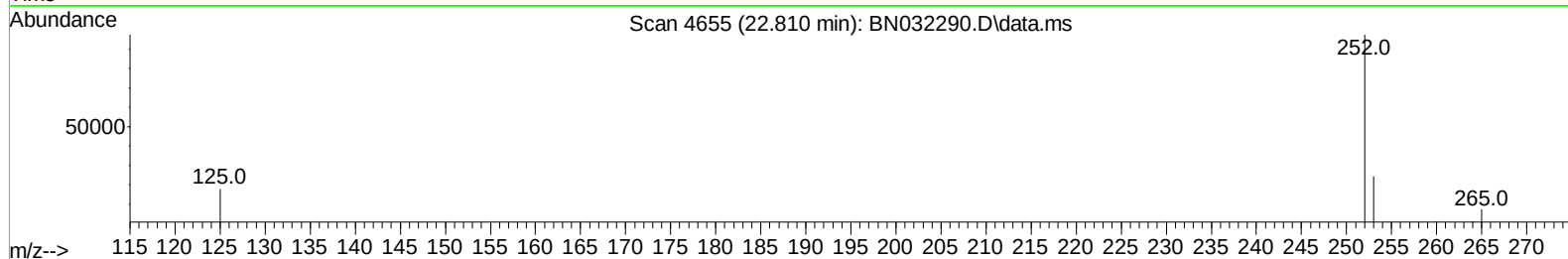
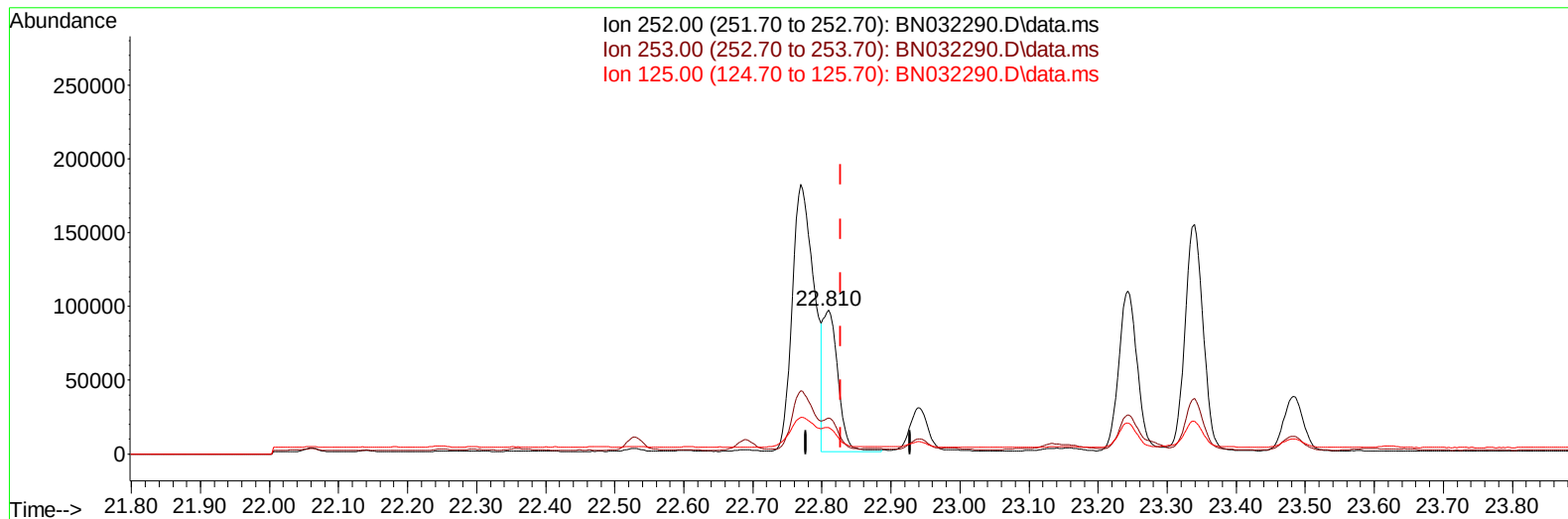
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032290.D
Acq On : 27 Jun 2024 21:18
Operator : MA/JU
Sample : P2909-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B43

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:52 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: BN032290.D\data.ms

(25) Benzo(k)fluoranthene

22.810min (-0.018) 1.60 ng/u1 m

response 148224

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	25.00
125.00	16.00	18.28
0.00	0.00	0.00

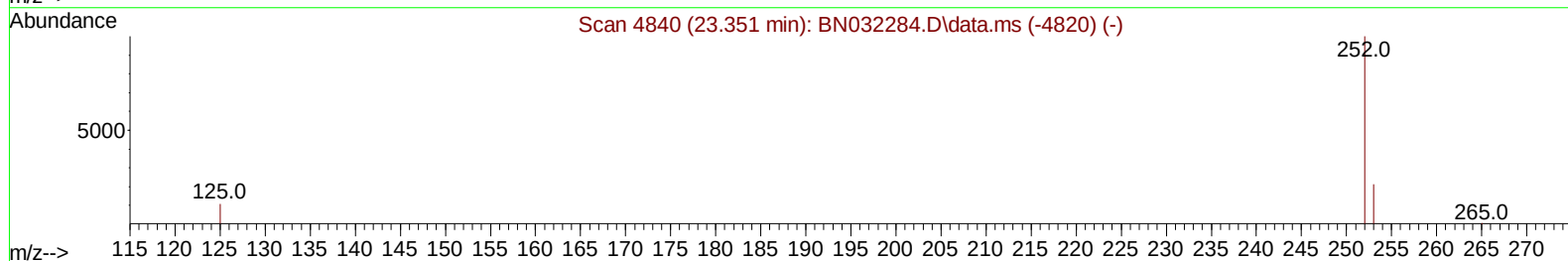
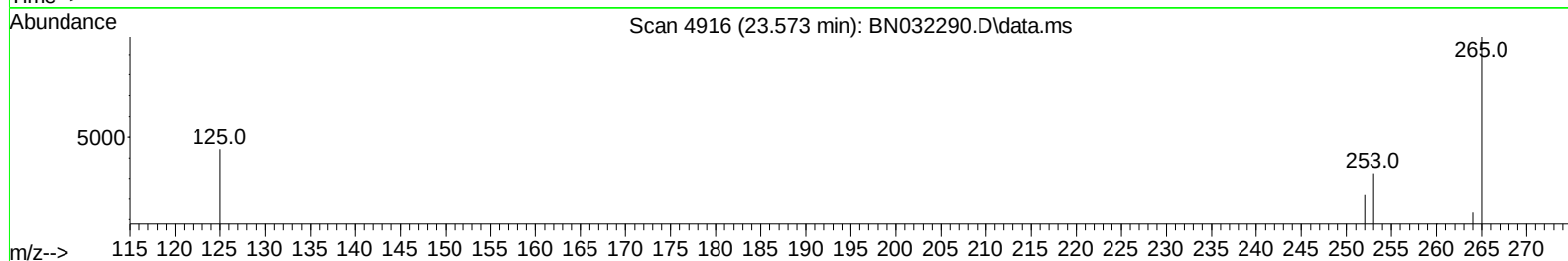
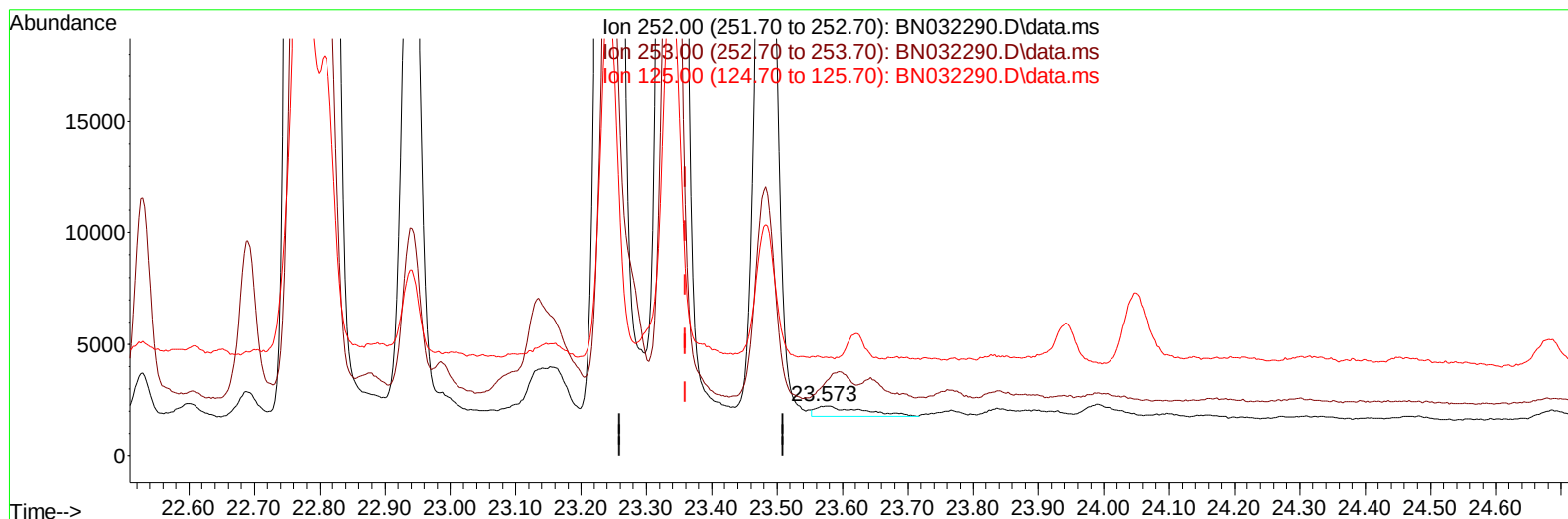
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032290.D
Acq On : 27 Jun 2024 21:18
Operator : MA/JU
Sample : P2909-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B43

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032290.D\data.ms

(26) Benzo(a)pyrene (C)

23.573min (+ 0.213) 0.03 ng/u1

response 2242

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	144.77#
125.00	20.50	197.15#
0.00	0.00	0.00

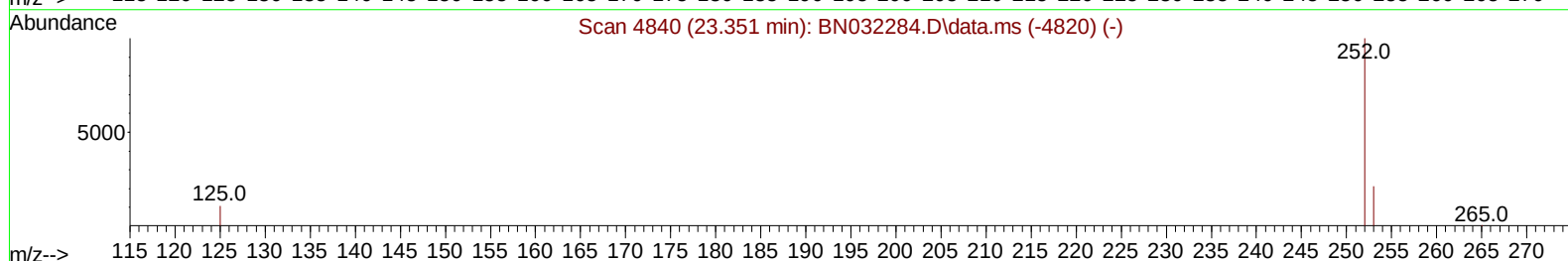
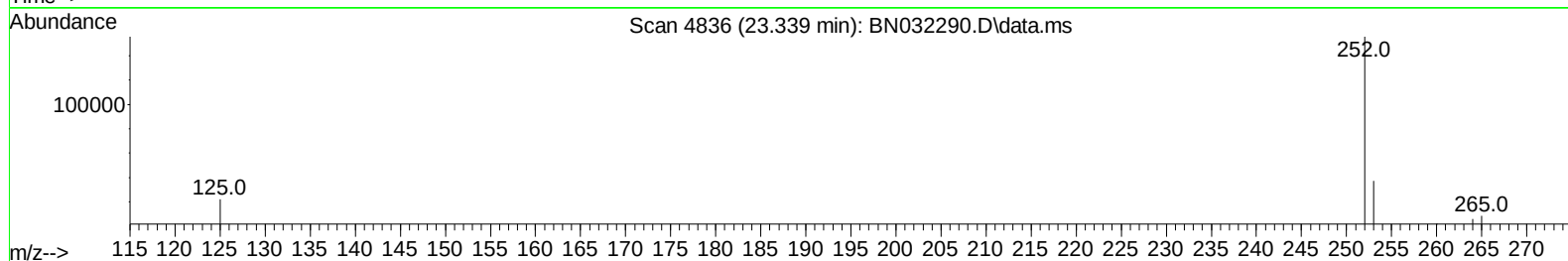
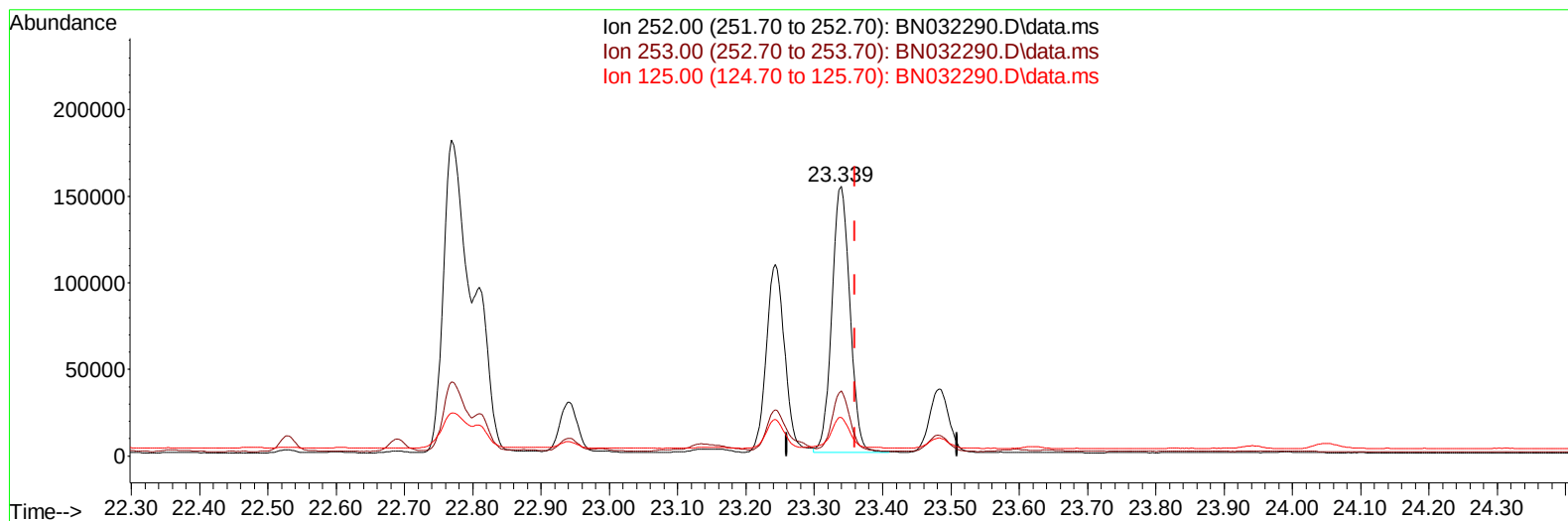
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032290.D
Acq On : 27 Jun 2024 21:18
Operator : MA/JU
Sample : P2909-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B43

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:52 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: BN032290.D\data.ms

(26) Benzo(a)pyrene (C)

23.339min (-0.021) 4.26 ng/ul m

response 283051

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	24.12
125.00	20.50	14.18#
0.00	0.00	0.00

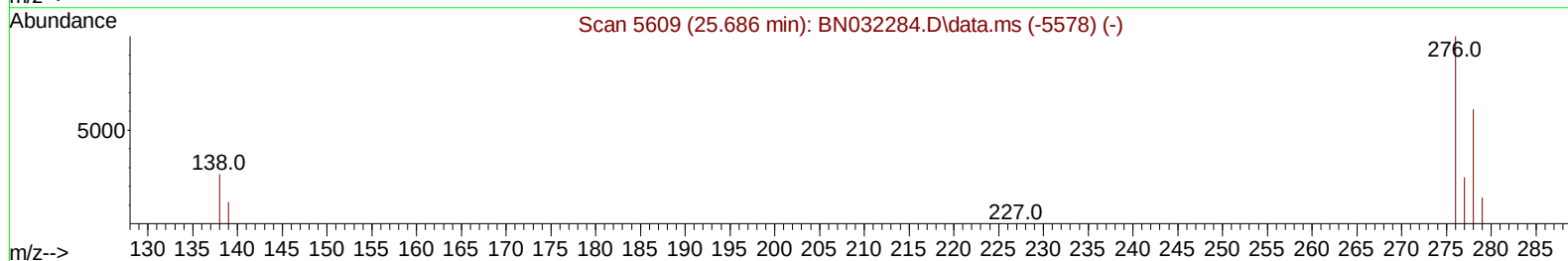
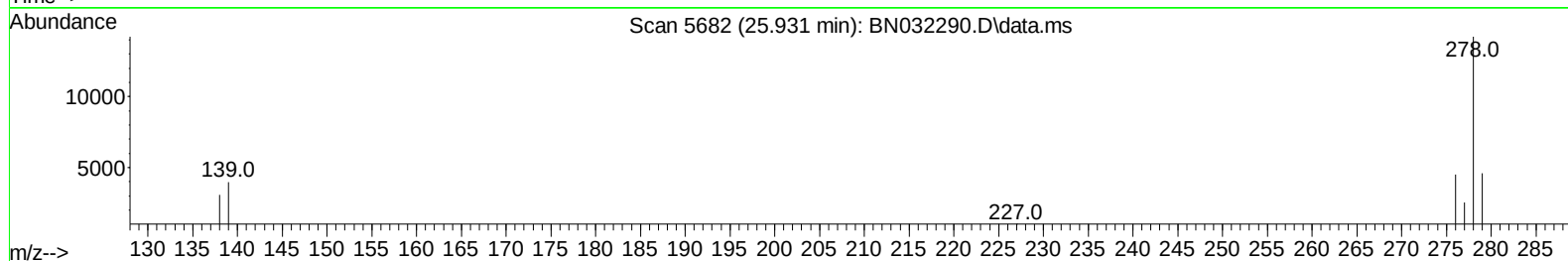
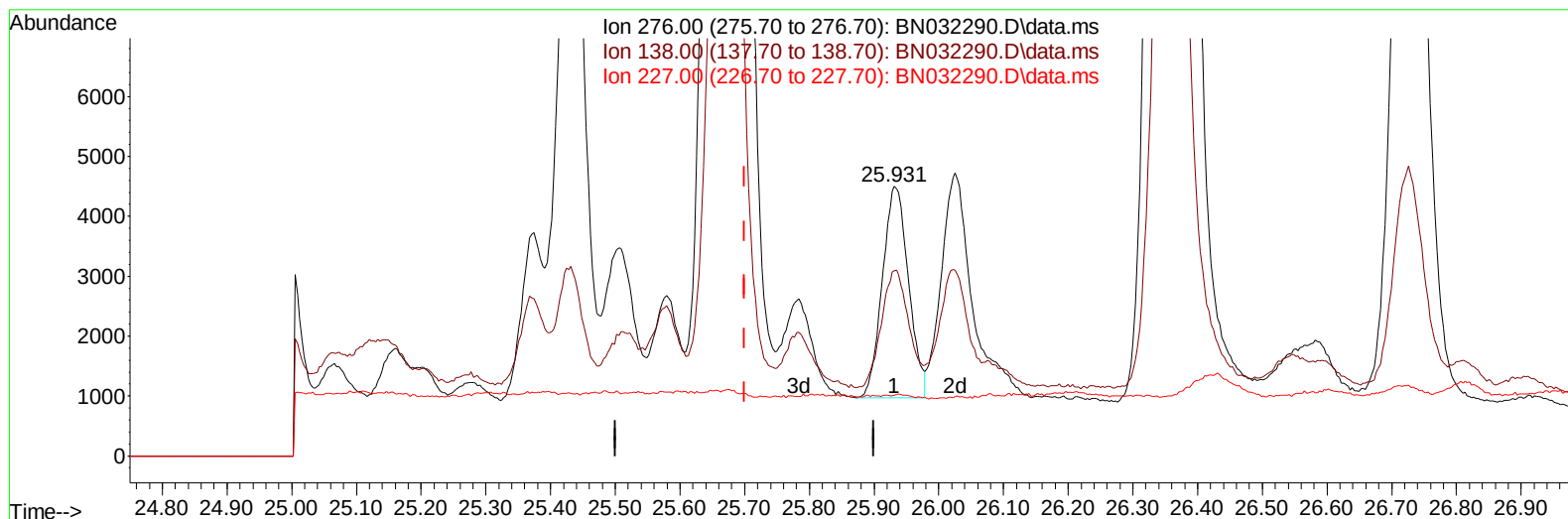
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
 Data File : BN032290.D
 Acq On : 27 Jun 2024 21:18
 Operator : MA/JU
 Sample : P2909-20
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B43

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:52 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: BN032290.D\data.ms

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

25.931min (+ 0.231) 0.10 ng/u1

response 9945

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	59.02#
227.00	0.10	0.77#
0.00	0.00	0.00

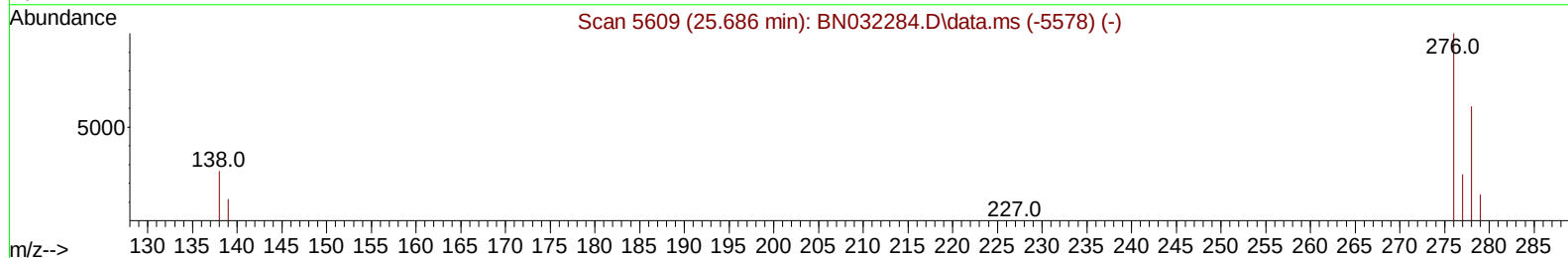
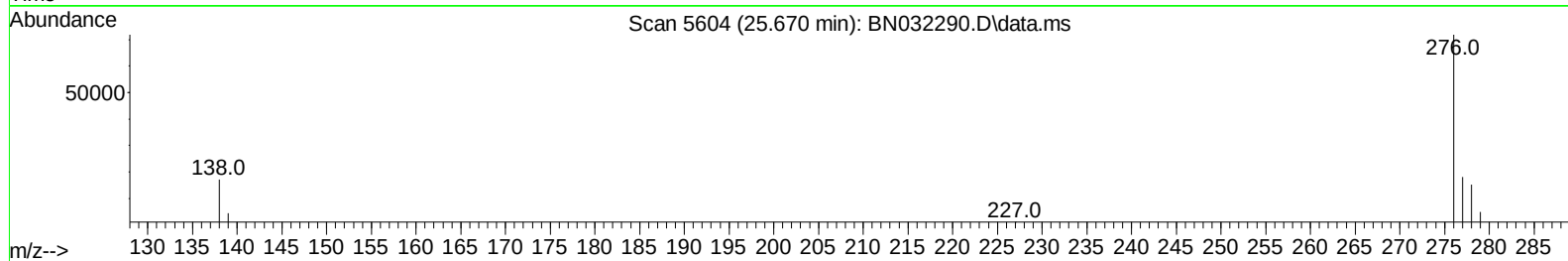
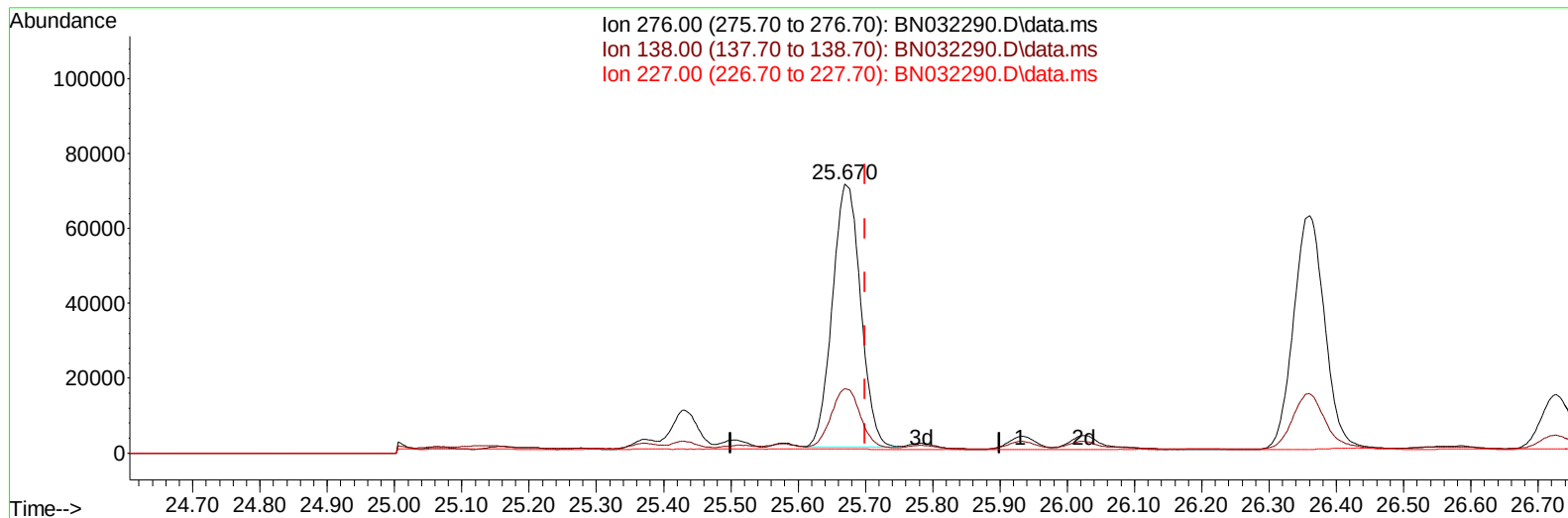
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
 Data File : BN032290.D
 Acq On : 27 Jun 2024 21:18
 Operator : MA/JU
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TIC: BN032290.D\data.ms

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

25.670min (-0.030) 1.96 ng/ul m

response 203719

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	2.88#
227.00	0.10	0.04#
0.00	0.00	0.00

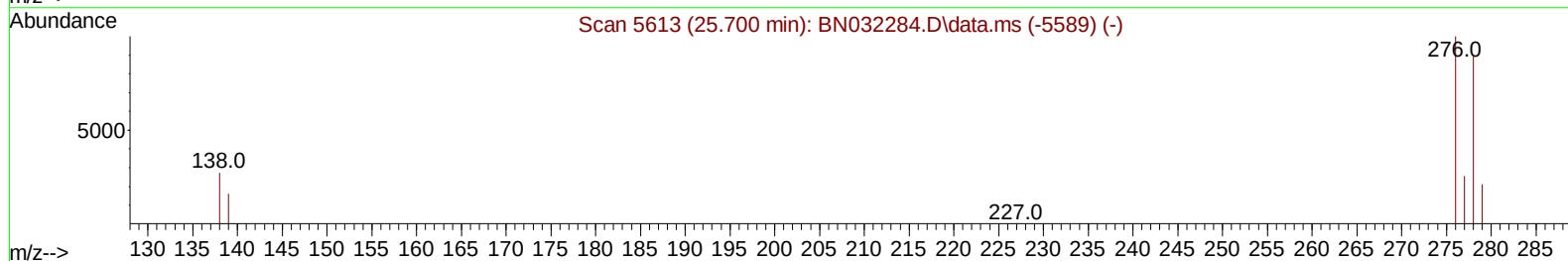
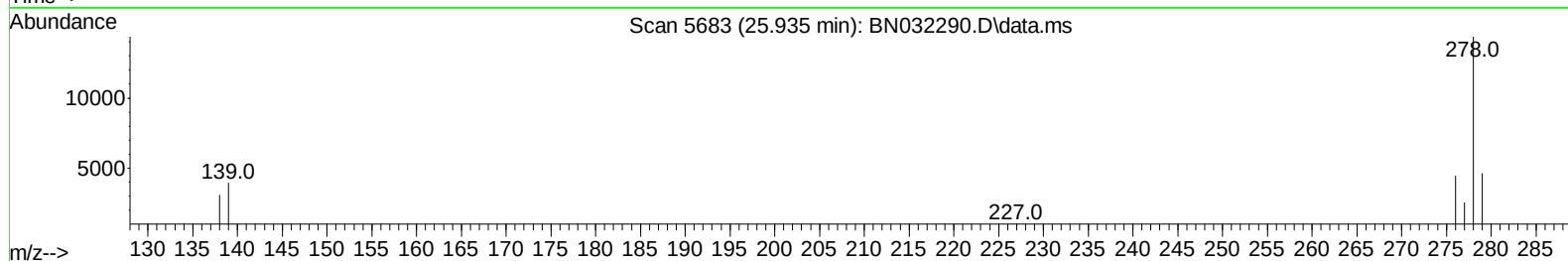
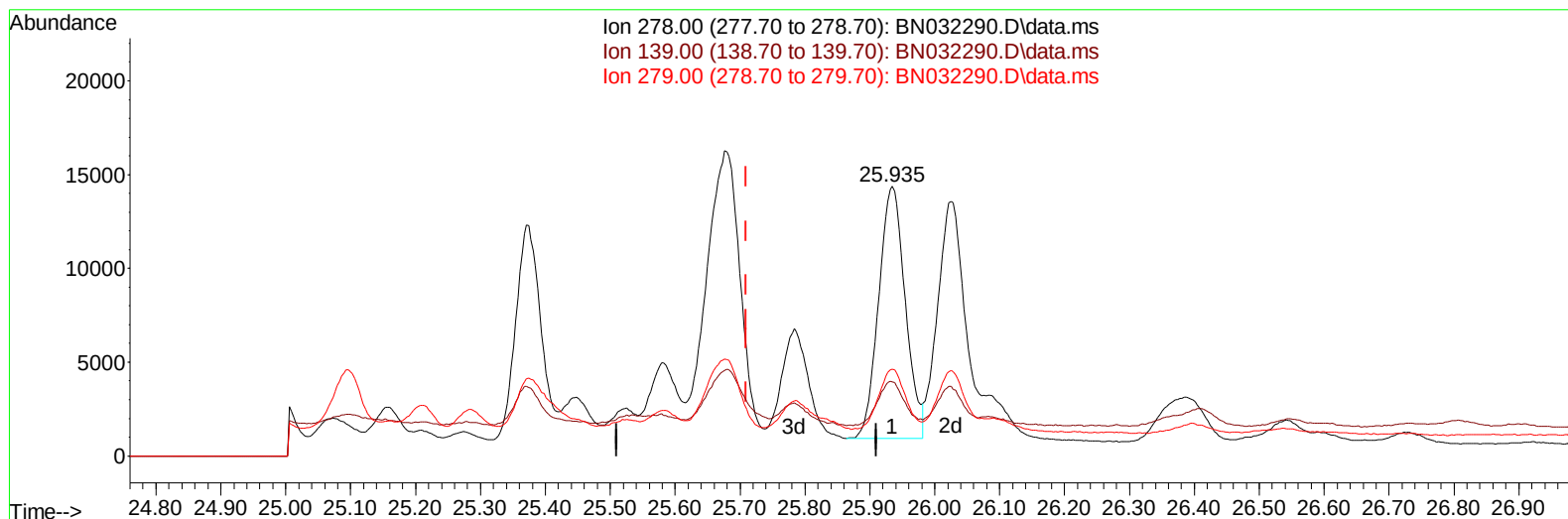
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032290.D
Acq On : 27 Jun 2024 21:18
Operator : MA/JU
Sample : P2909-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B43

Manual IntegrationsAPPROVED

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TIC: BN032290.D\data.ms

(28) Dibenzo(a,h)anthracene

25.935min (+ 0.225) 0.50 ng/u1

response 38324

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	27.51#
279.00	26.40	32.17#
0.00	0.00	0.00

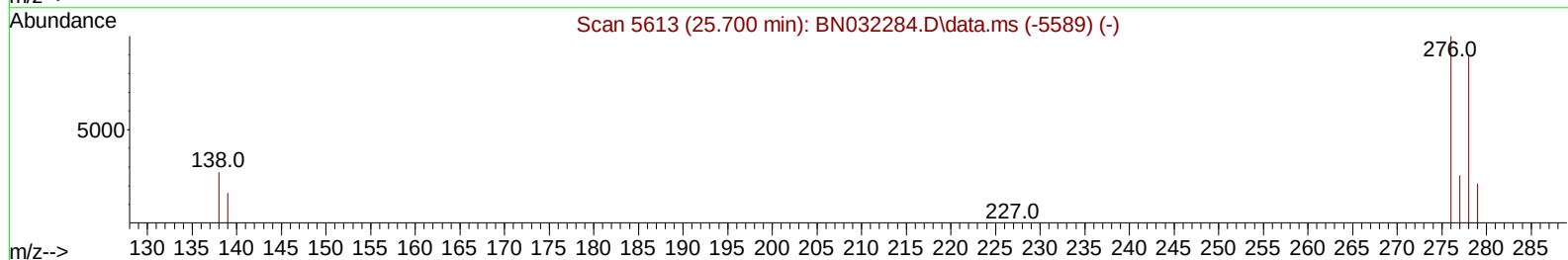
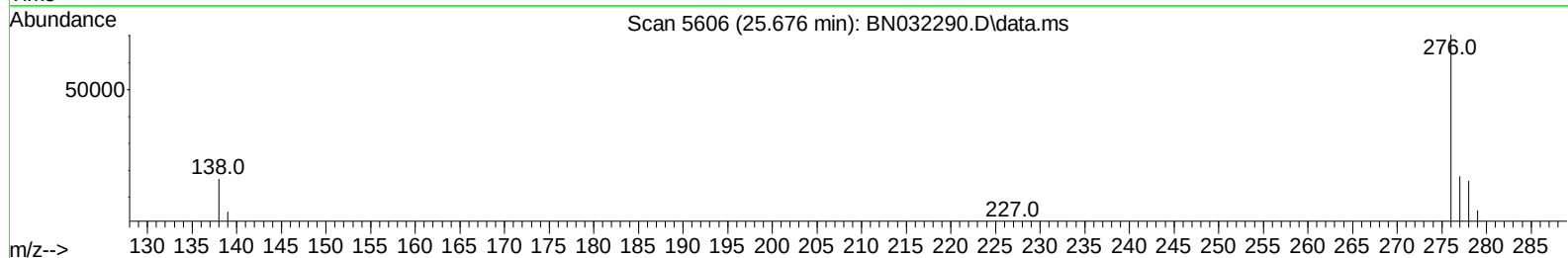
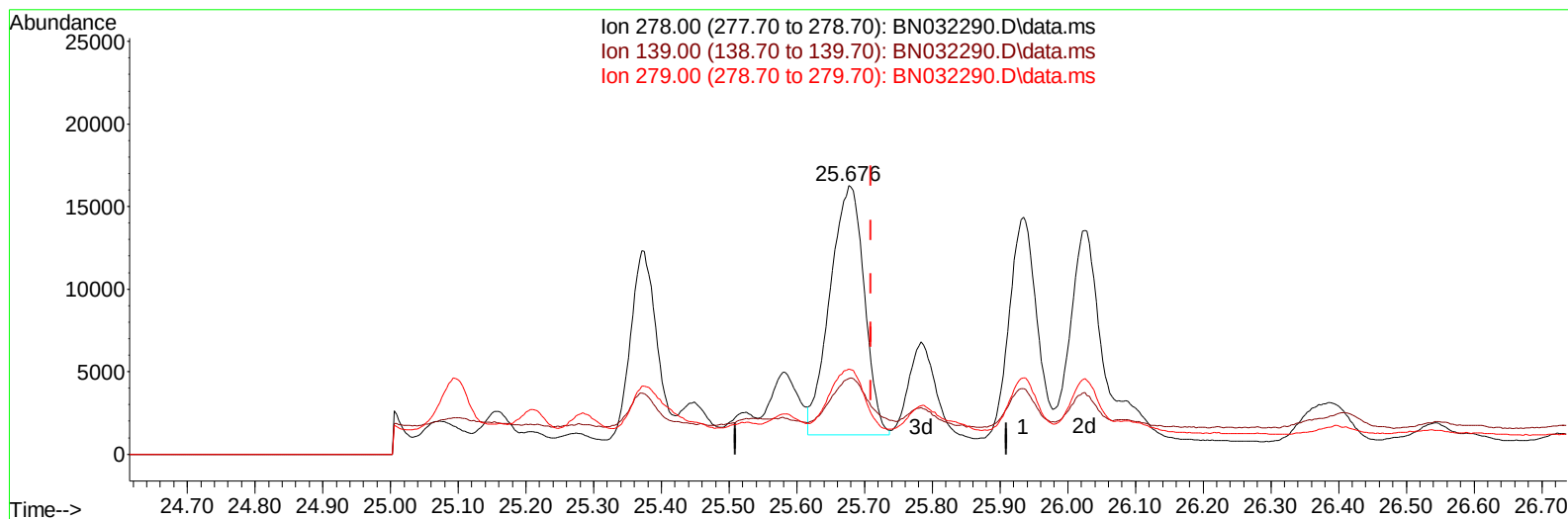
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032290.D
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Sample : P2909-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BN032290.D\data.ms

(28) Dibenzo(a,h)anthracene

25.676min (-0.034) 0.69 ng/ul m

response 52964

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	28.12#
279.00	26.40	31.70#
0.00	0.00	0.00

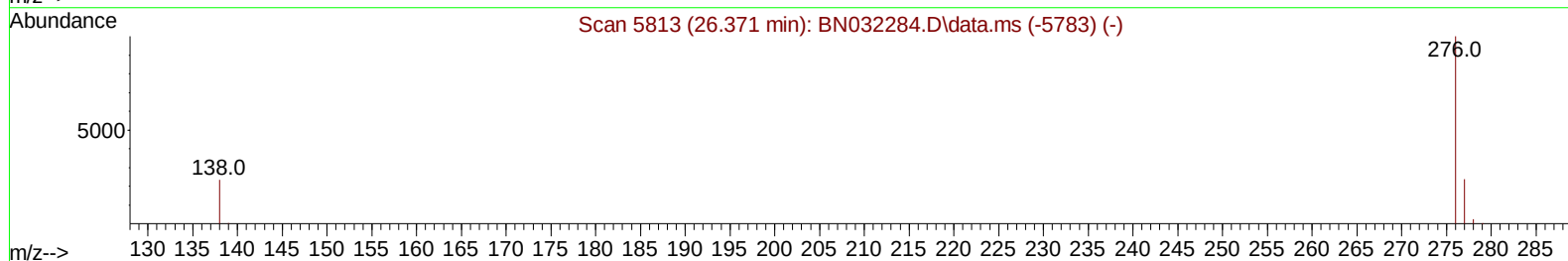
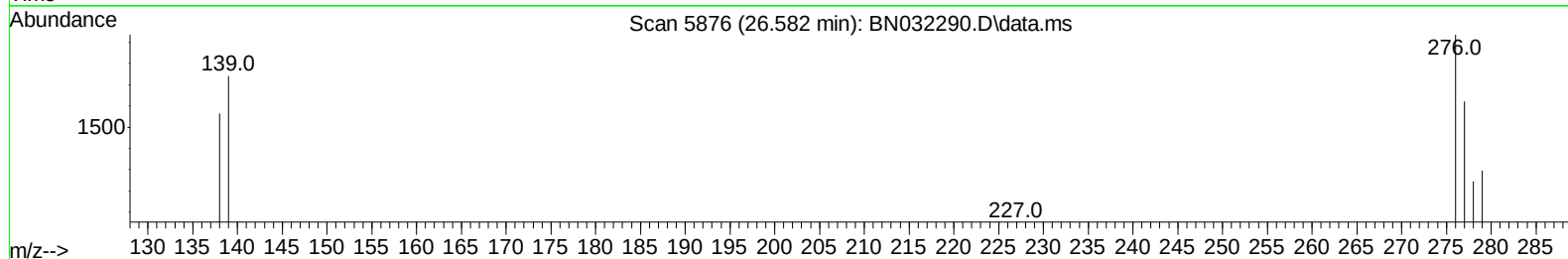
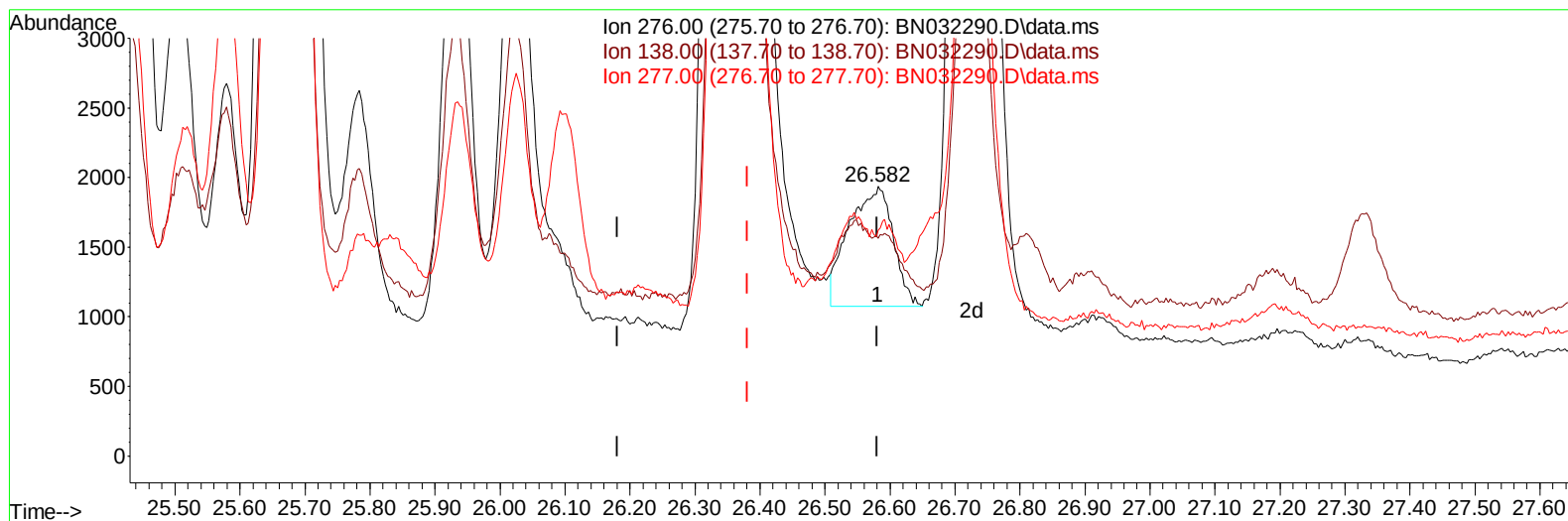
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032290.D
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Operator : MA/JU
Sample : P2909-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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TIC: BN032290.D\data.ms

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

26.582min (+ 0.201) 0.05 ng/u1

response 4075

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	80.79#
277.00	24.70	83.78#
0.00	0.00	0.00

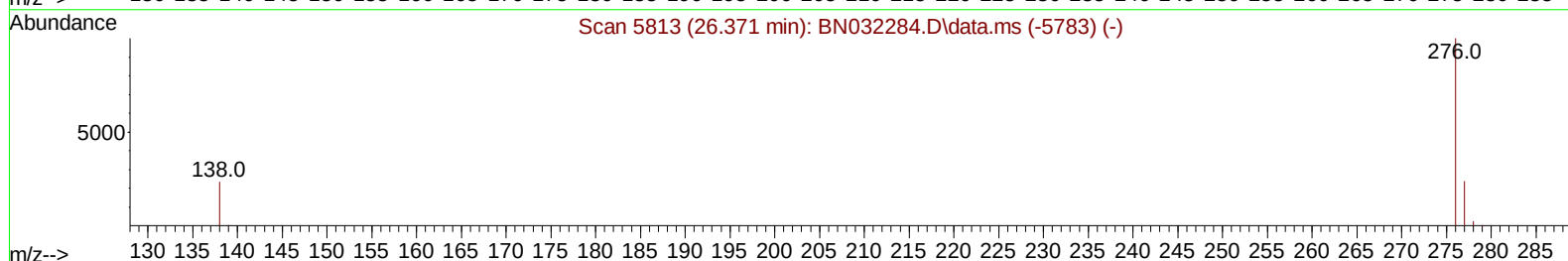
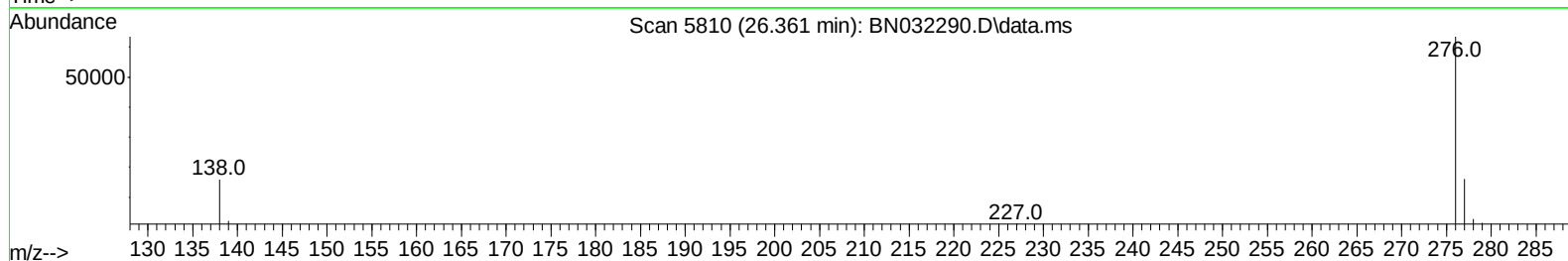
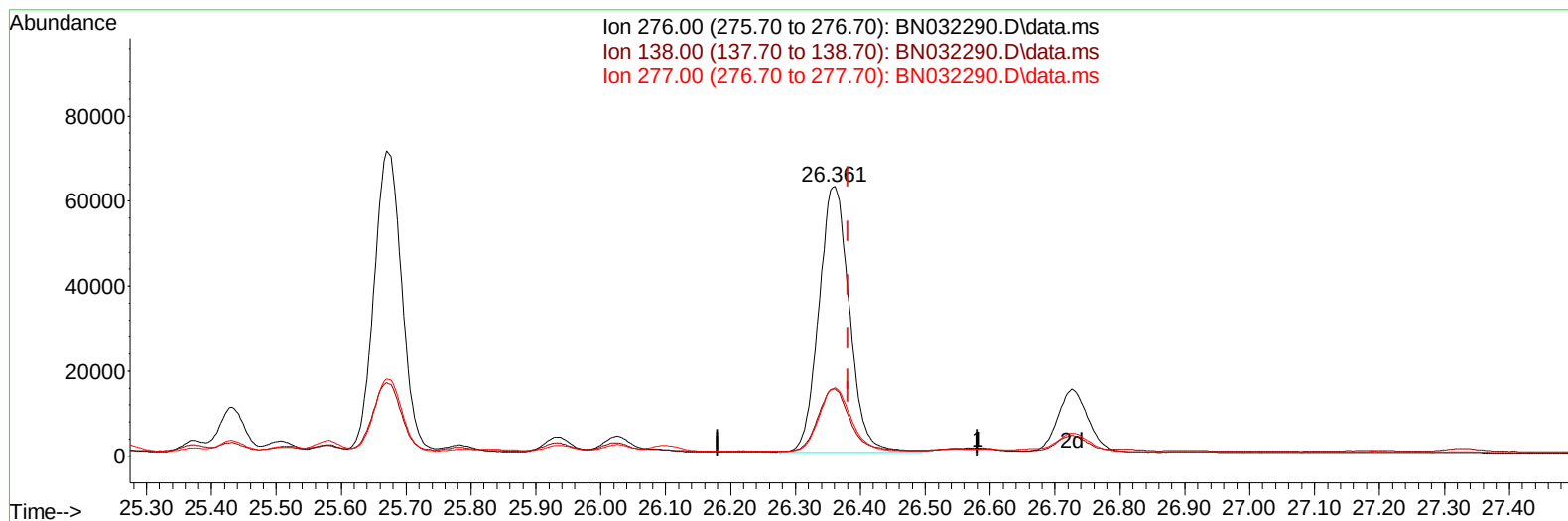
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032290.D
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Operator : MA/JU
Sample : P2909-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B43

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Supervised By :mohammad ahmed 06/28/2024



TIC: BN032290.D\data.ms

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

26.361min (-0.020) 2.47 ng/ul m

response 204631

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	25.01
277.00	24.70	25.31
0.00	0.00	0.00

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 Sample : P2909-20
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/28/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.620	152	7896	0.400	ng/ul	0.00
4) Naphthalene-d8	10.393	136	22515	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.262	164	12193	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.016	188	25063m	0.400	ng/ul	0.00
17) Chrysene-d12	21.217	240	18453m	0.400	ng/ul	0.00
23) Perylene-d12	23.436	264	21961m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.156	96	27182	3.097	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	6502	0.193	ng/ul	0.00
18) Fluoranthene-d10	19.055	212	12423m	0.224	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.442	128	8812	0.148	ng/ul	96
7) 2-Methylnaphthalene	12.065	142	3378	0.086	ng/ul	99
8) 1-Methylnaphthalene	12.290	142	2781	0.068	ng/ul	99
10) Acenaphthylene	13.985	152	13226	0.261	ng/ul	97
11) Acenaphthene	14.327	153	16339	0.415	ng/ul	99
12) Fluorene	15.317	166	17602	0.375	ng/ul	99
15) Phenanthrene	17.058	178	361057m	5.255	ng/ul	
16) Anthracene	17.151	178	78387m	1.279	ng/ul	
19) Fluoranthene	19.083	202	644268m	9.169	ng/ul	
20) Pyrene	19.450	202	564764m	7.691	ng/ul	
21) Benzo(a)anthracene	21.203	228	295666m	4.439	ng/ul	
22) Chrysene	21.252	228	318077m	4.351	ng/ul	
24) Benzo(b)fluoranthene	22.769	252	405329m	4.248	ng/ul	
25) Benzo(k)fluoranthene	22.810	252	148224m	1.599	ng/ul	
26) Benzo(a)pyrene	23.339	252	283051m	4.264	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.670	276	203719m	1.960	ng/ul	
28) Dibenzo(a,h)anthracene	25.676	278	52964m	0.686	ng/ul	
29) Benzo(g,h,i)perylene	26.361	276	204631m	2.472	ng/ul	

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

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