

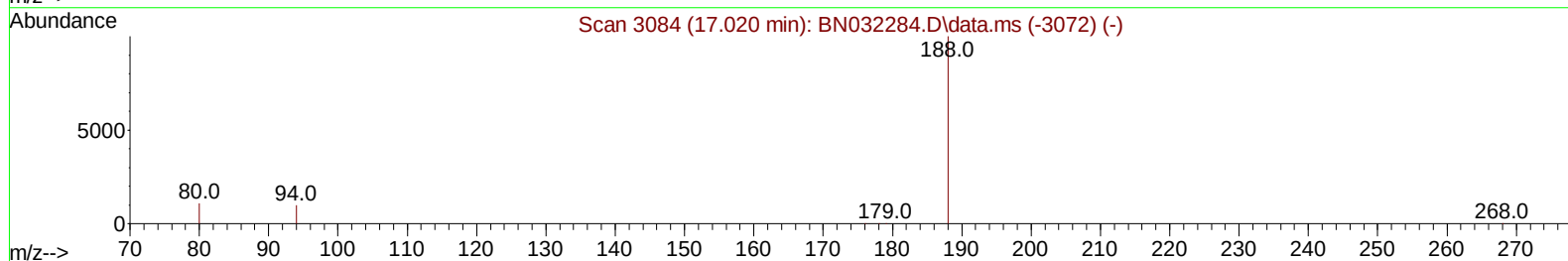
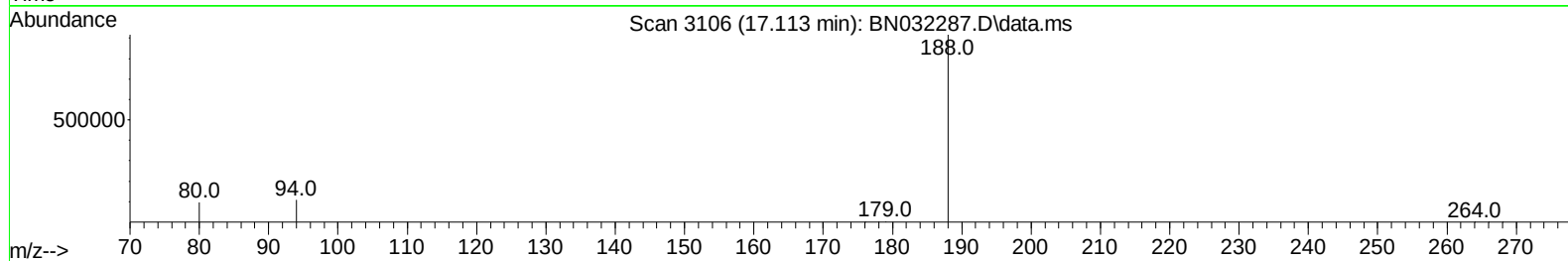
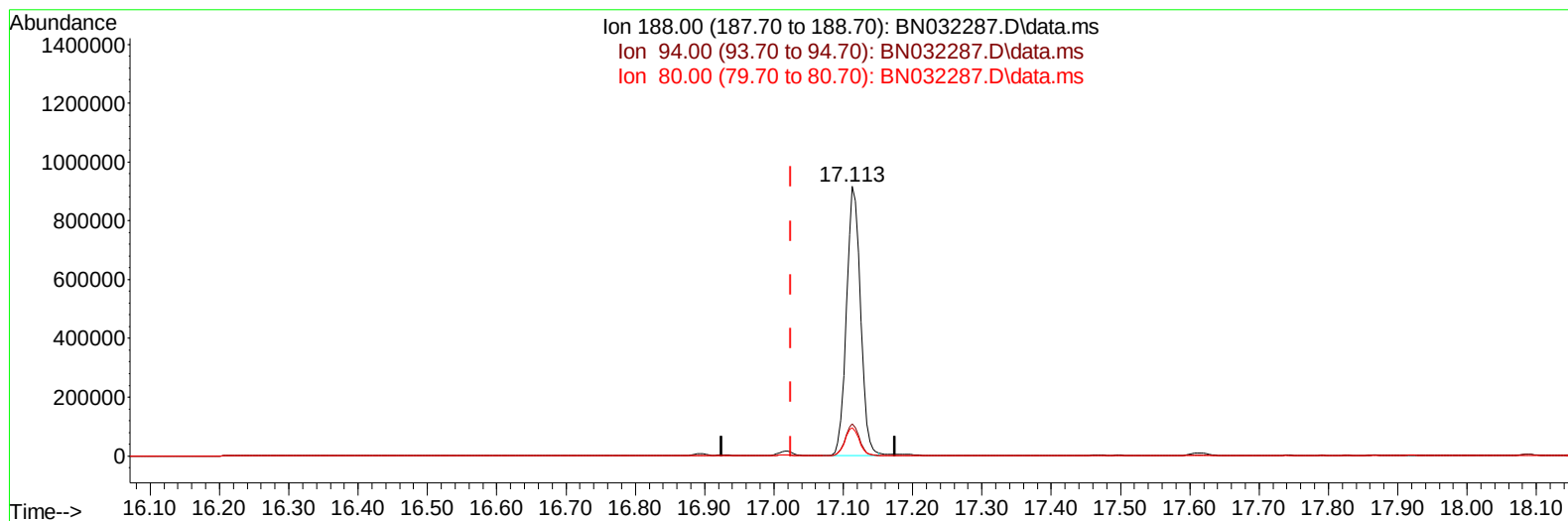
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032287.D
Acq On : 27 Jun 2024 19:29
Operator : MA/JU
Sample : P2909-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B76

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:23 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: BN032287.D\data.ms

(13) Phenanthrene-d10 (I)

17.113min (+ 0.089) 0.40 ng/u1

response 1288300

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.82
80.00	10.50	10.43
0.00	0.00	0.00

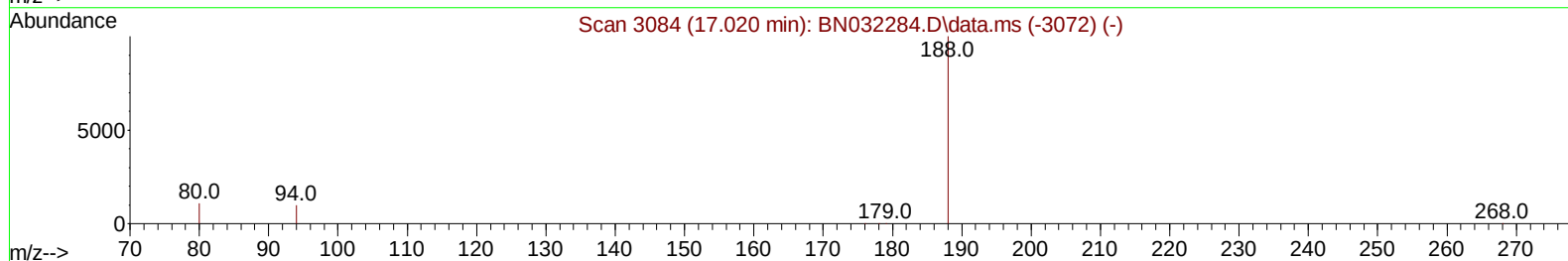
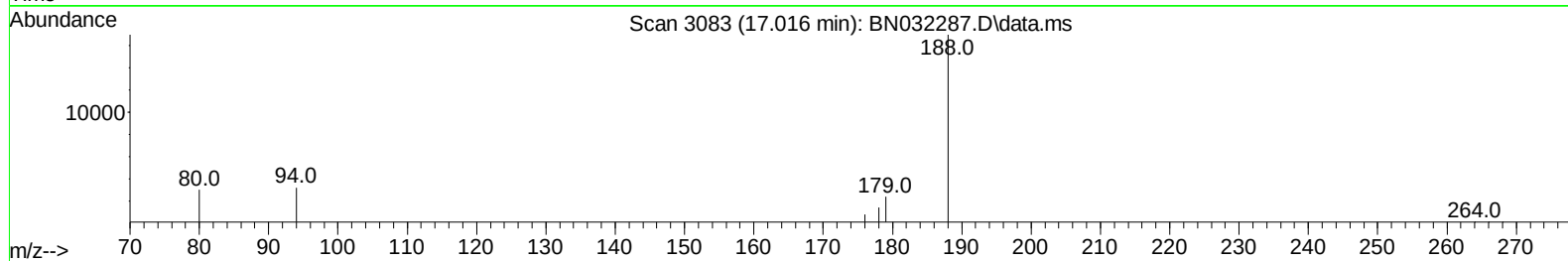
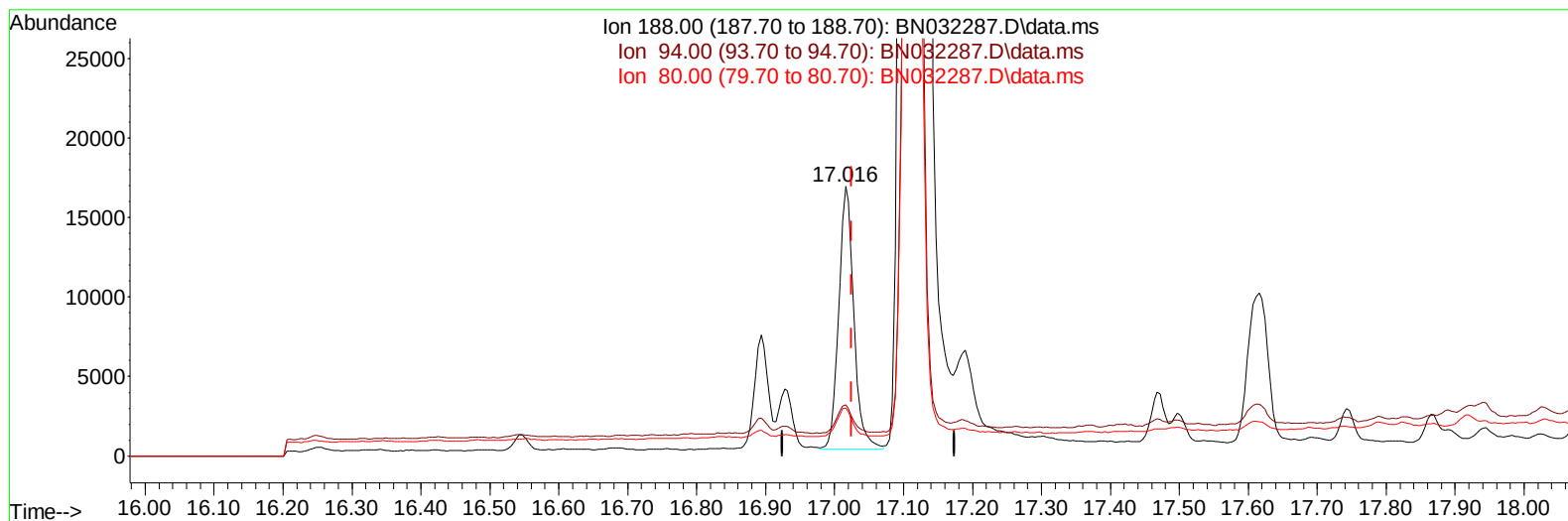
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032287.D
Acq On : 27 Jun 2024 19:29
Operator : MA/JU
Sample : P2909-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B76

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:23 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: BN032287.D\data.ms

(13) Phenanthrene-d10 (I)

17.016min (-0.009) 0.40 ng/ul m

response 24889

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	19.09#
80.00	10.50	17.87#
0.00	0.00	0.00

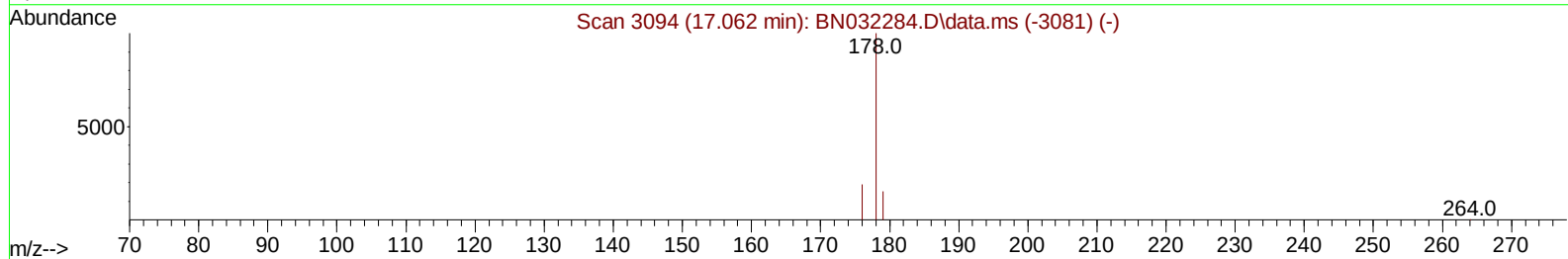
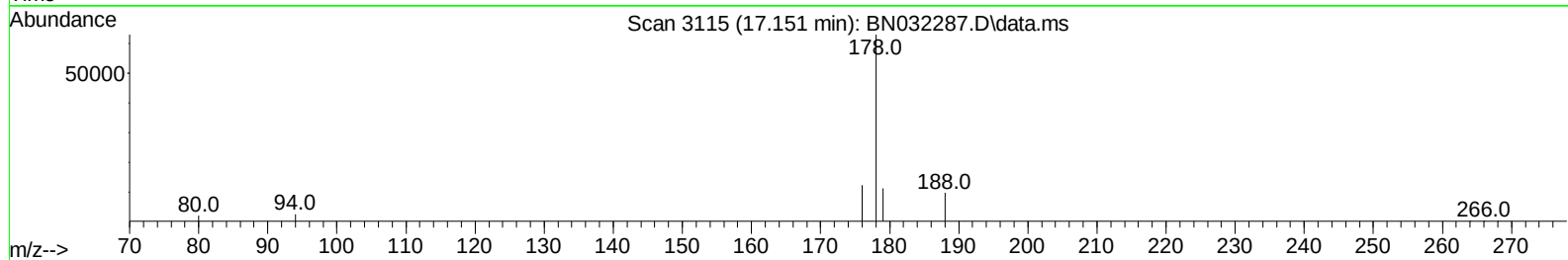
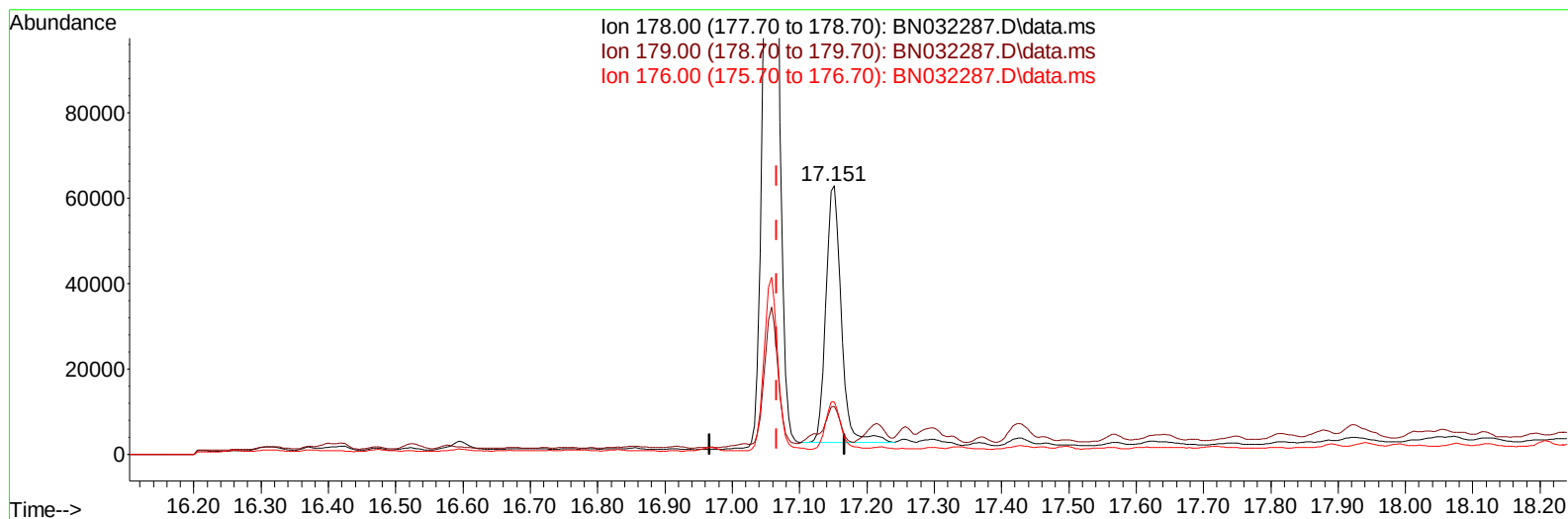
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032287.D
Acq On : 27 Jun 2024 19:29
Operator : MA/JU
Sample : P2909-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B76

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:23 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: BN032287.D\data.ms

(15) Phenanthrene

17.151min (+ 0.084) 1.40 ng/u1

response 95732

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	17.83
176.00	19.50	19.40
0.00	0.00	0.00

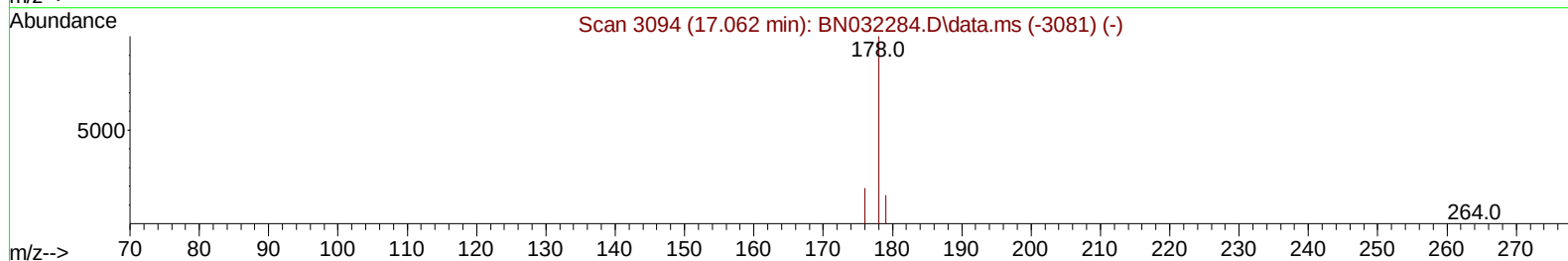
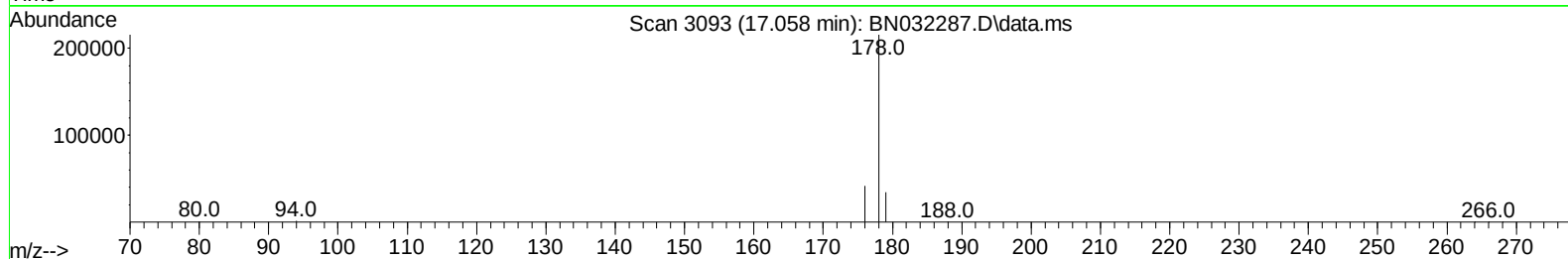
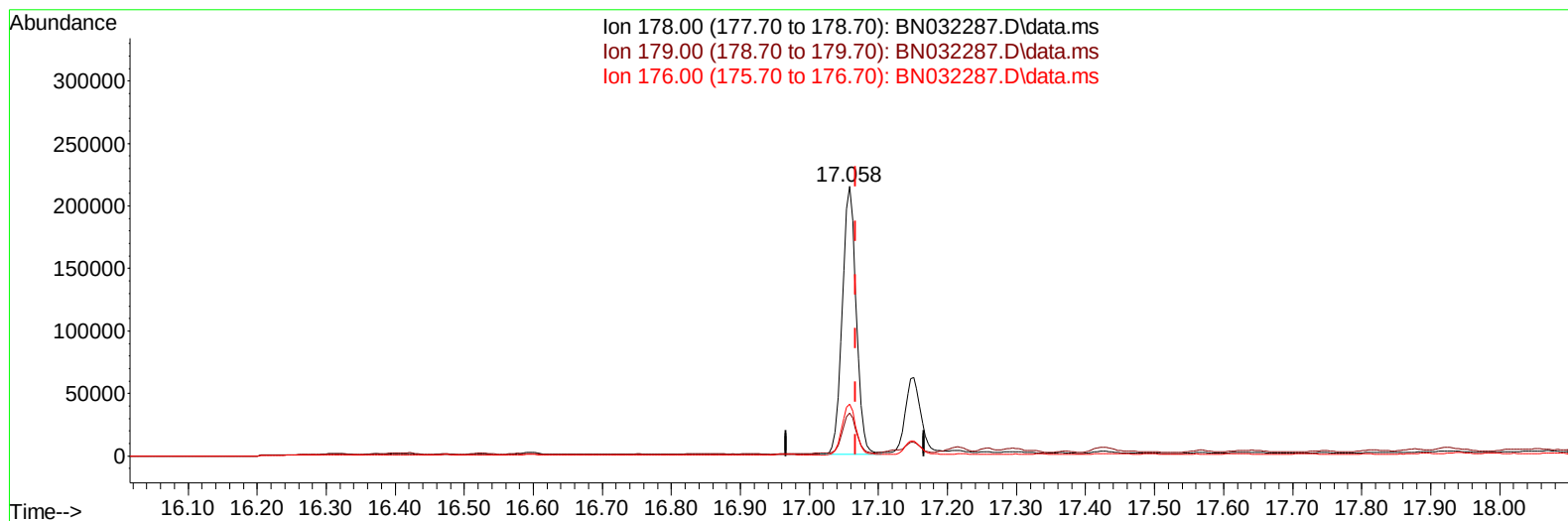
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032287.D
Acq On : 27 Jun 2024 19:29
Operator : MA/JU
Sample : P2909-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B76

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:23 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: BN032287.D\data.ms

(15) Phenanthrene

17.058min (-0.009) 4.40 ng/ul m

response 300077

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	16.01
176.00	19.50	19.23
0.00	0.00	0.00

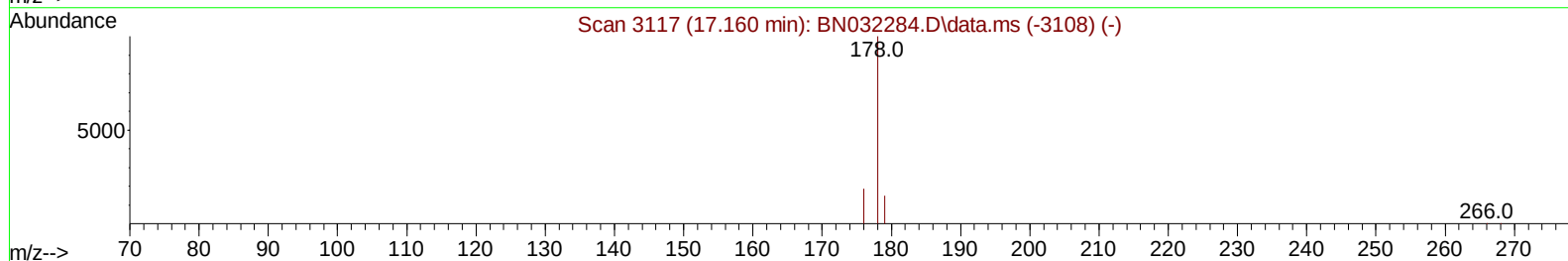
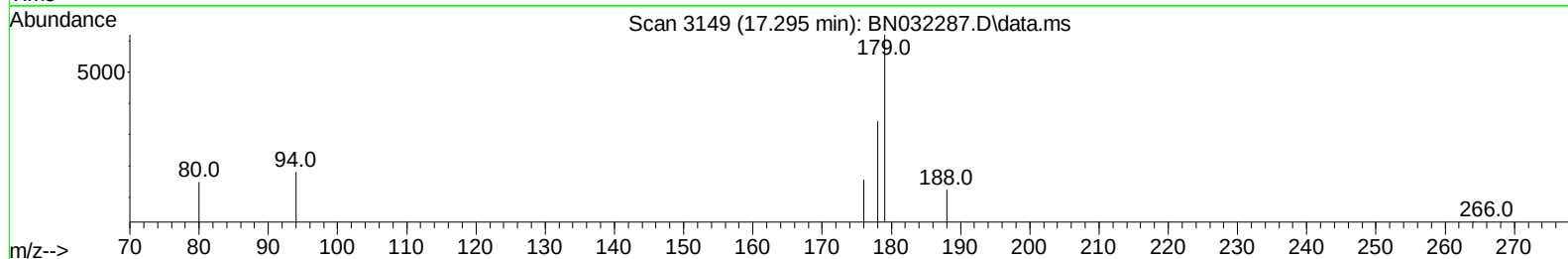
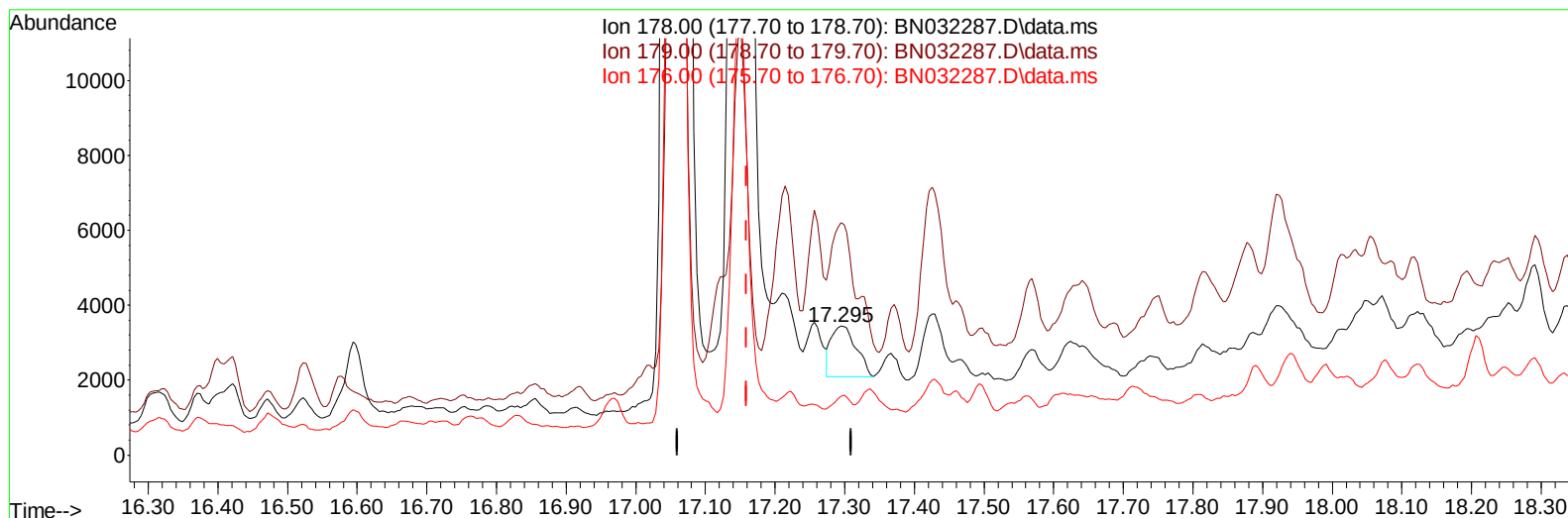
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032287.D
Acq On : 27 Jun 2024 19:29
Operator : MA/JU
Sample : P2909-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B76

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:23 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: BN032287.D\data.ms

(16) Anthracene

17.295min (+ 0.135) 0.06 ng/u1

response 3373

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	180.08#
176.00	18.80	45.67#
0.00	0.00	0.00

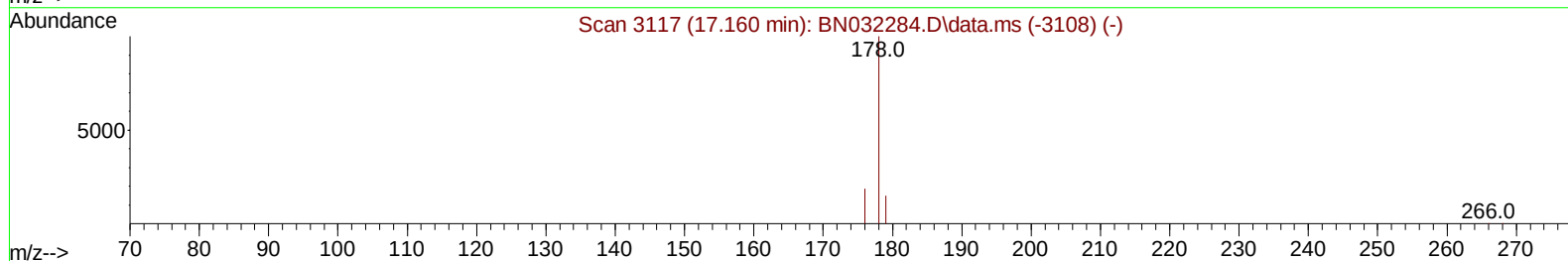
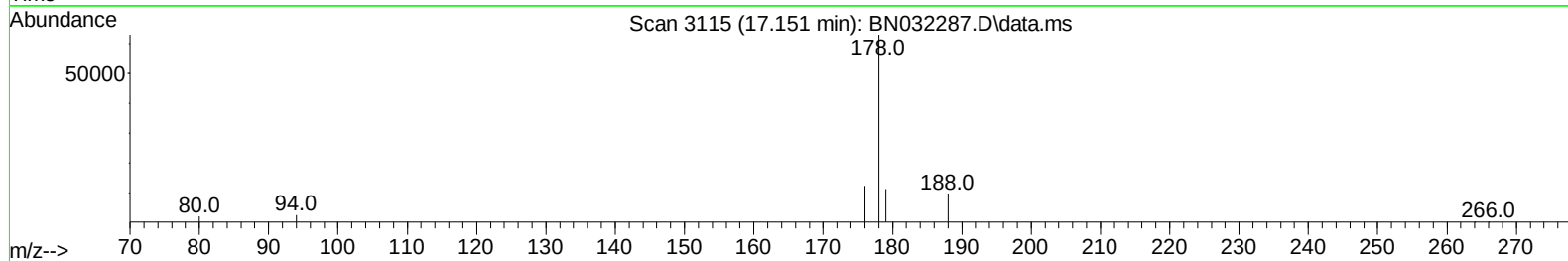
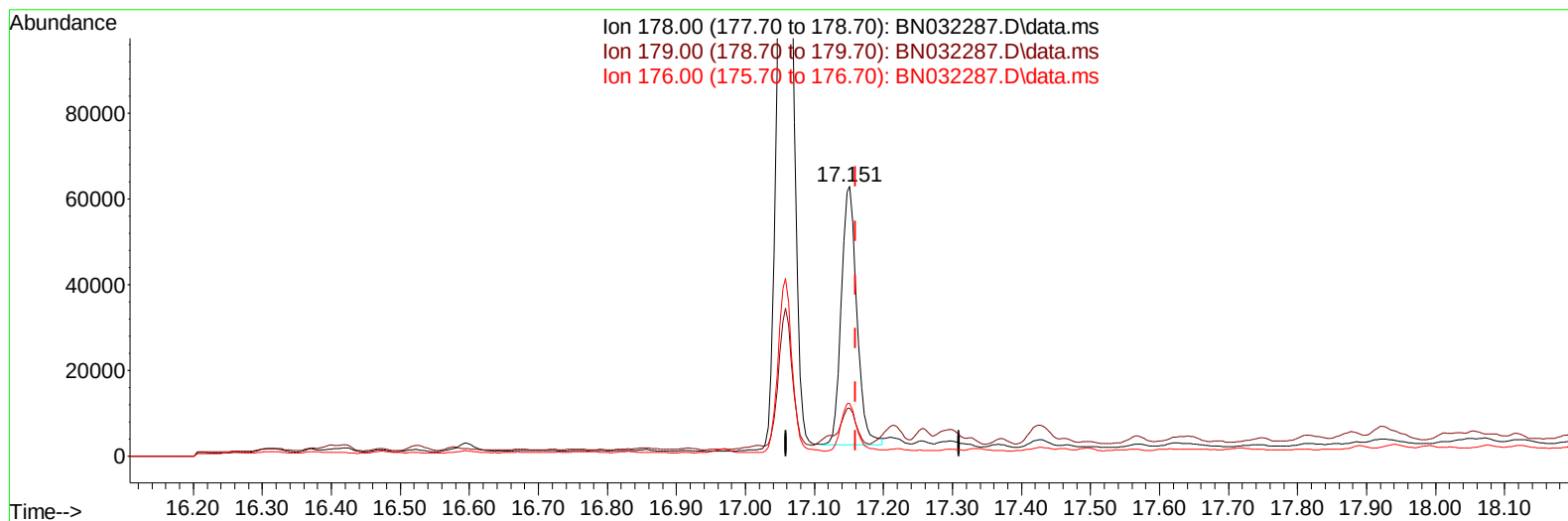
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032287.D
Acq On : 27 Jun 2024 19:29
Operator : MA/JU
Sample : P2909-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B76

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:23 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: BN032287.D\data.ms

(16) Anthracene

17.151min (-0.009) 1.54 ng/ul m

response 93744

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	17.83
176.00	18.80	19.40
0.00	0.00	0.00

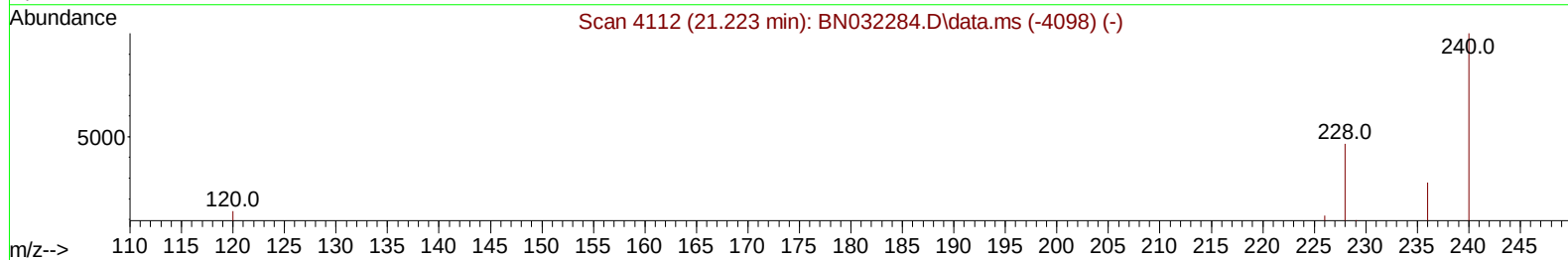
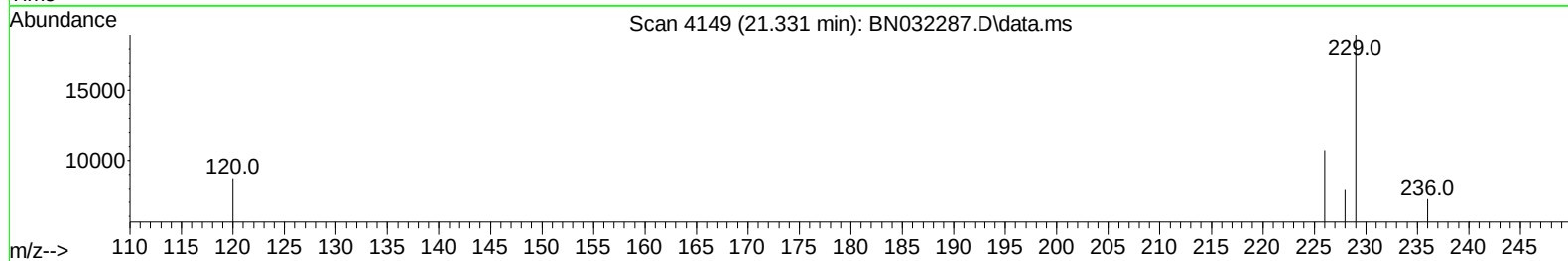
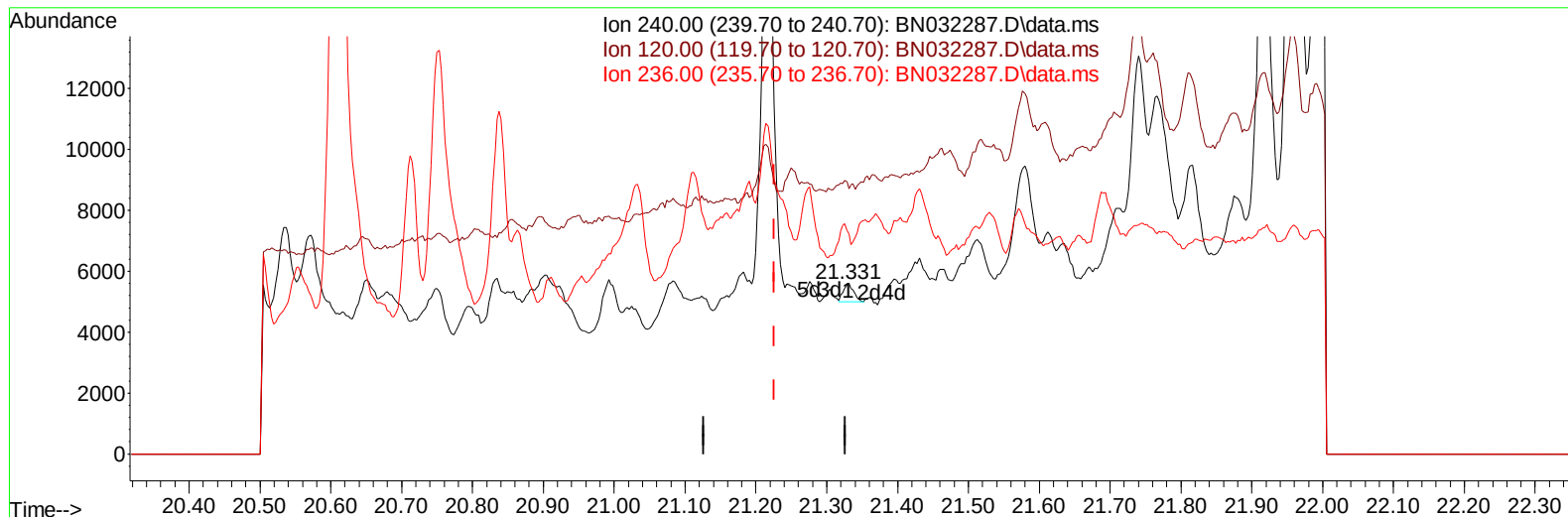
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032287.D
Acq On : 27 Jun 2024 19:29
Operator : MA/JU
Sample : P2909-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B76

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:23 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: BN032287.D\data.ms

(17) Chrysene-d12

21.331min (+ 0.105) 0.40 ng/u1

response 598

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	155.48#
236.00	28.40	129.13#
0.00	0.00	0.00

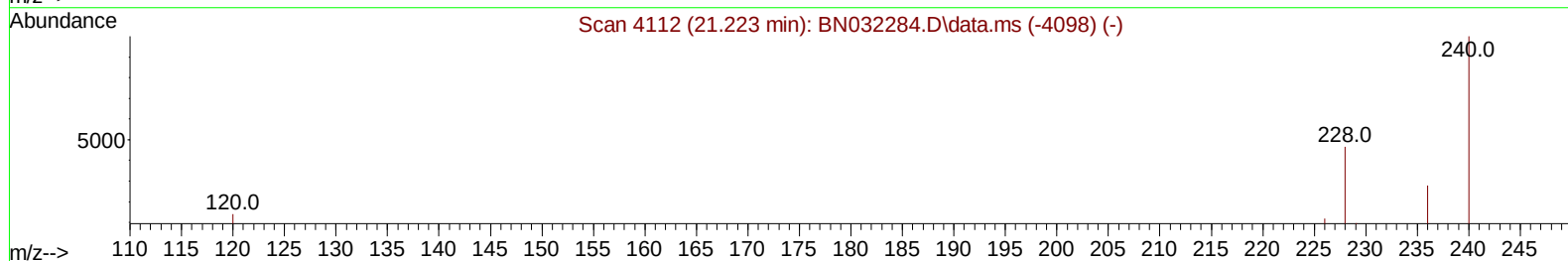
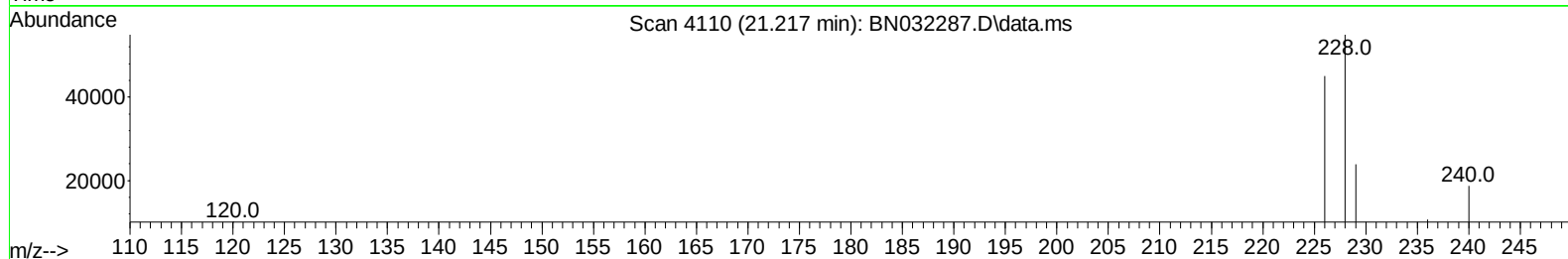
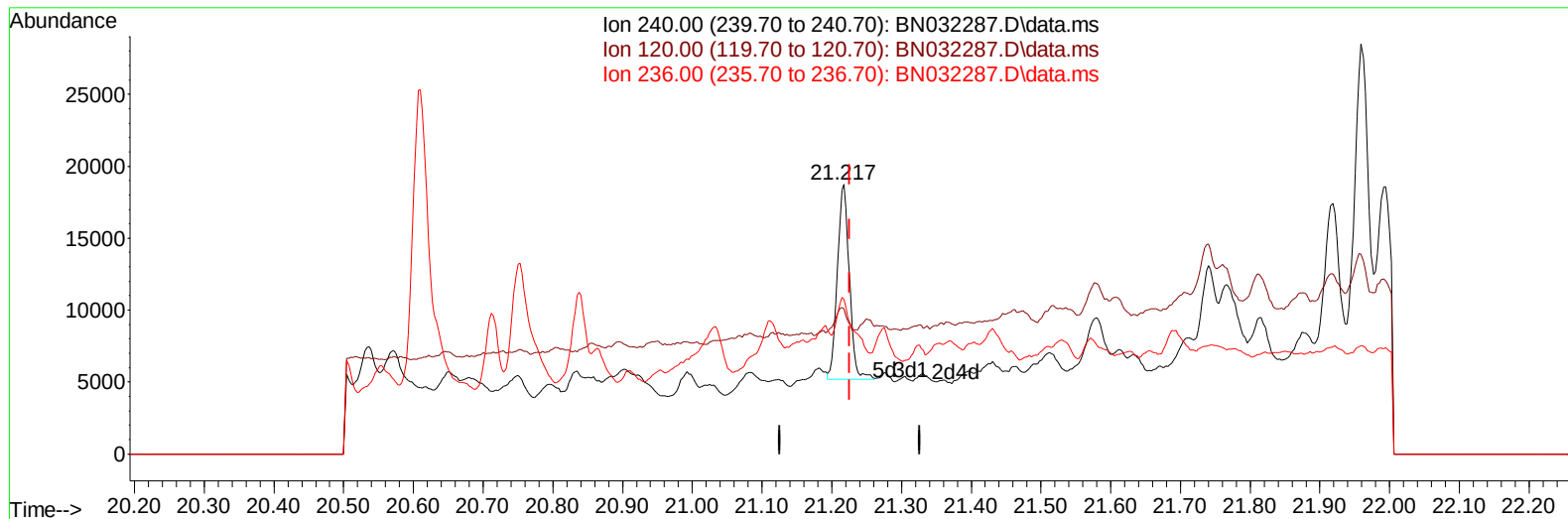
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032287.D
Acq On : 27 Jun 2024 19:29
Operator : MA/JU
Sample : P2909-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B76

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:23 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: BN032287.D\data.ms

(17) Chrysene-d12

21.217min (-0.009) 0.40 ng/ul m

response 16201

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	53.80#
236.00	28.40	57.40#
0.00	0.00	0.00

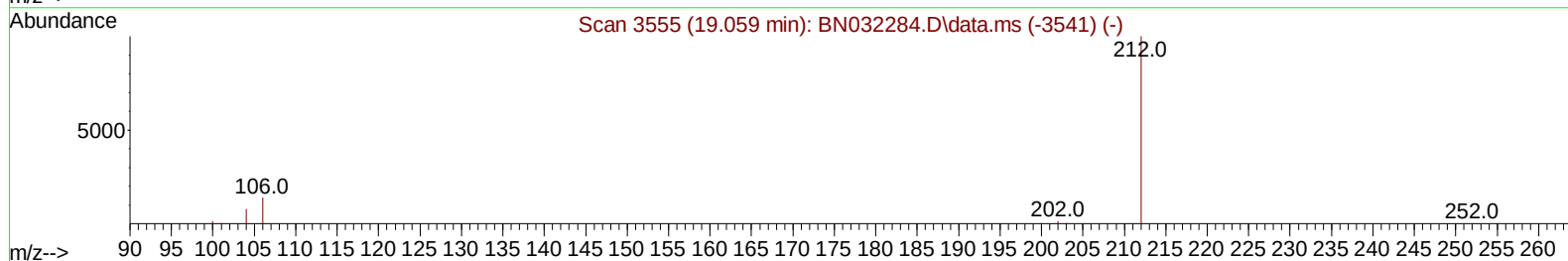
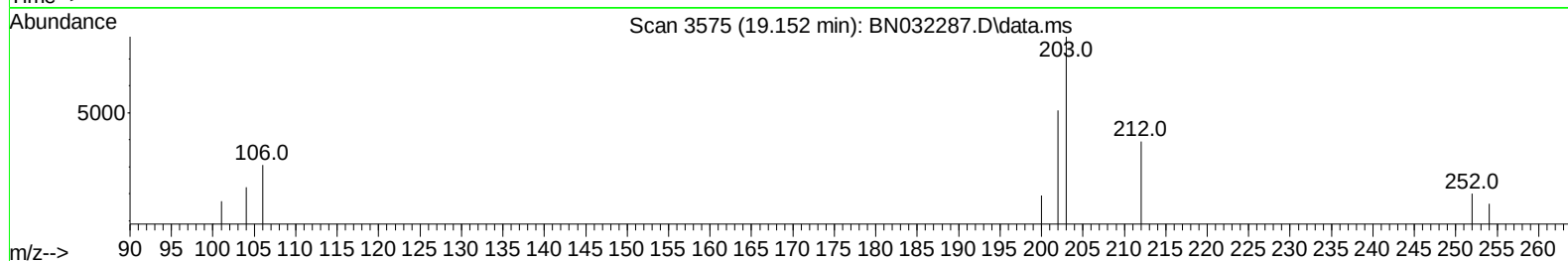
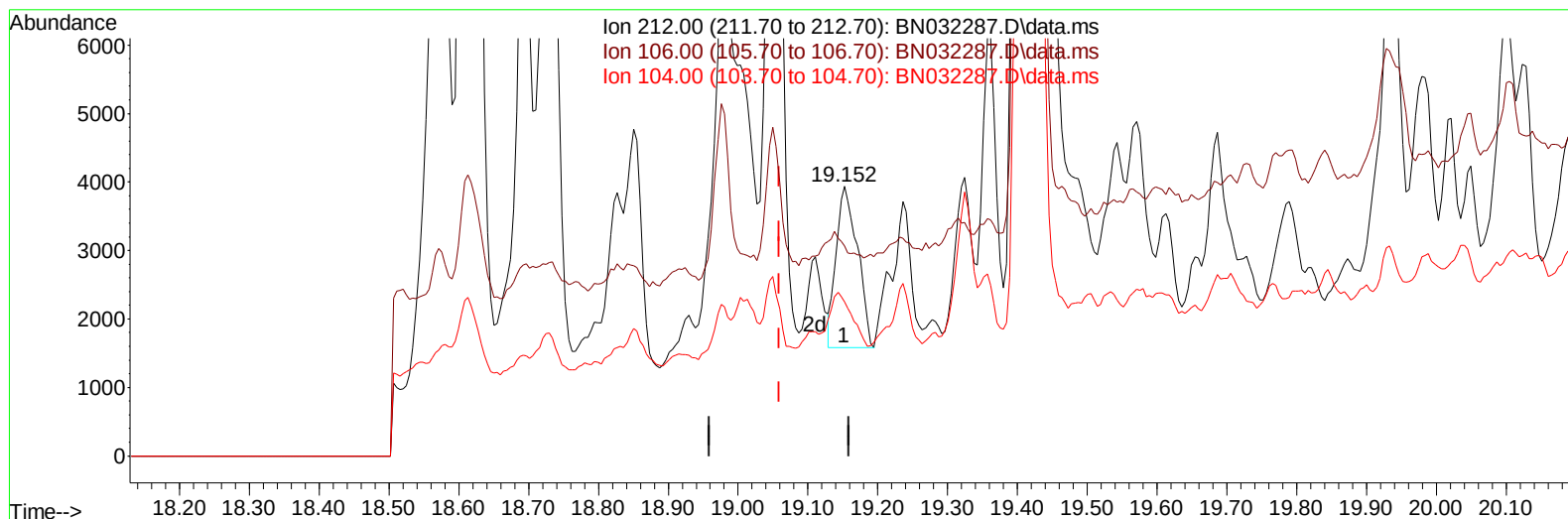
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032287.D
Acq On : 27 Jun 2024 19:29
Operator : MA/JU
Sample : P2909-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B76

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:23 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: BN032287.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.152min (+ 0.093) 0.11 ng/u1

response 4972

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	26.85#
104.00	8.40	35.58#
0.00	0.00	0.00

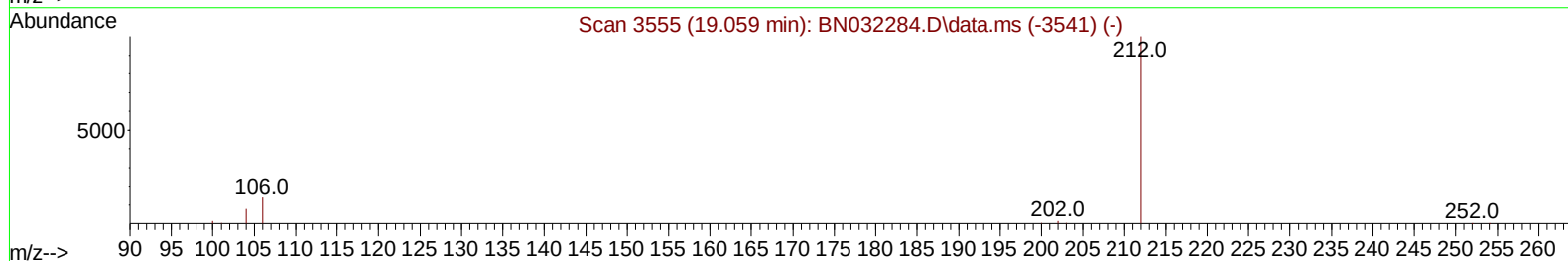
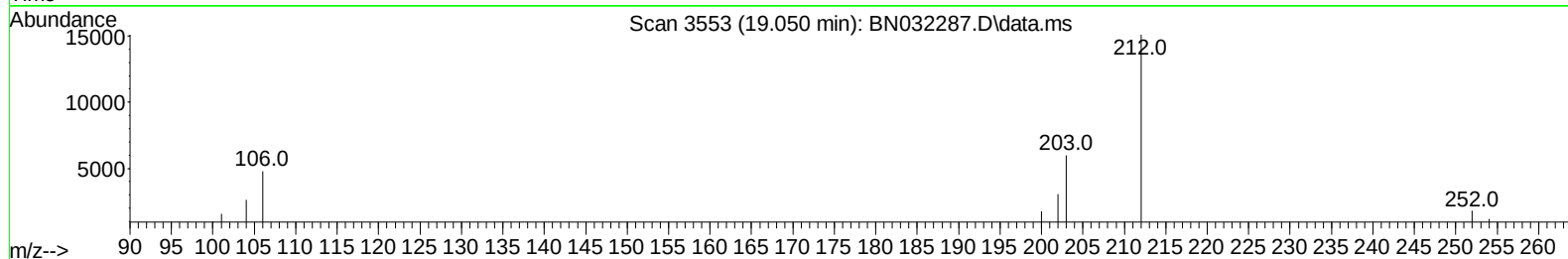
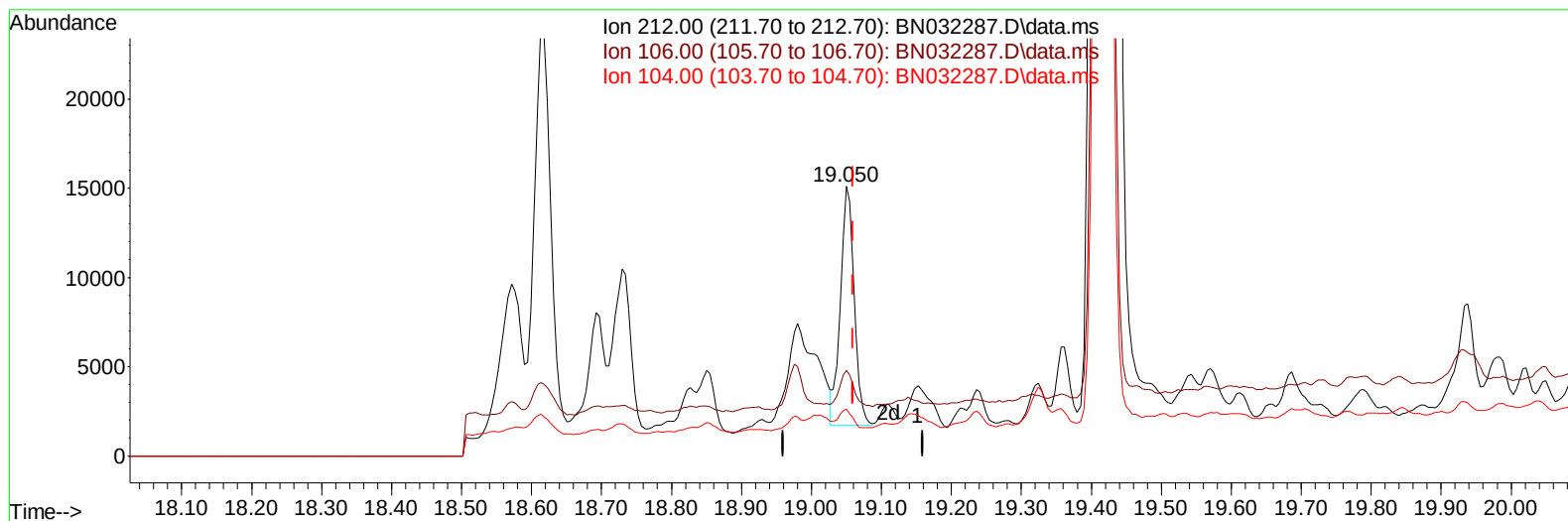
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032287.D
Acq On : 27 Jun 2024 19:29
Operator : MA/JU
Sample : P2909-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B76

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:23 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: BN032287.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.050min (-0.009) 0.38 ng/ul m

response 18434

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	7.24#
104.00	8.40	9.60
0.00	0.00	0.00

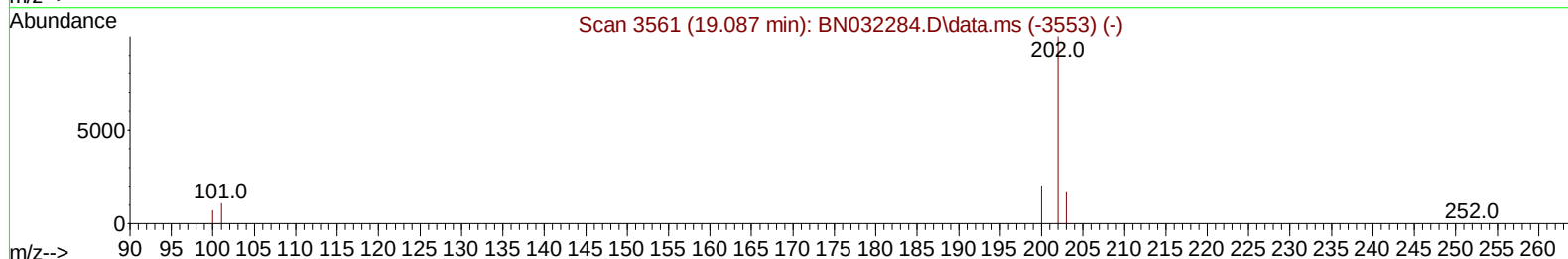
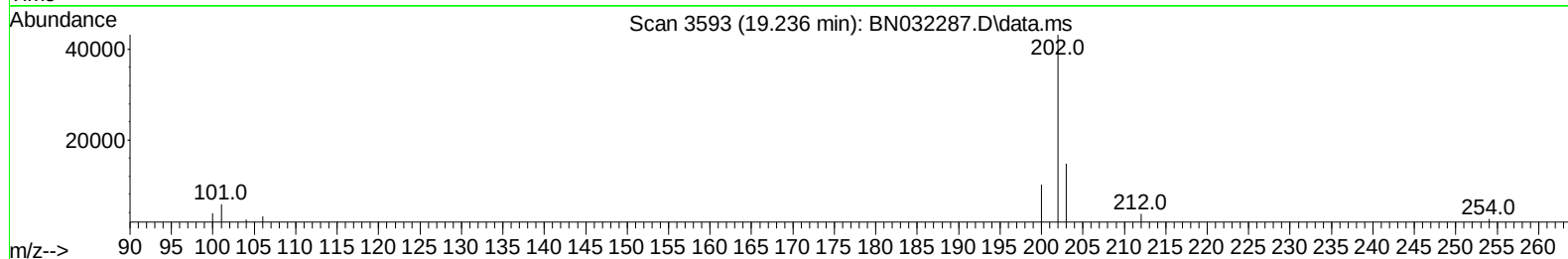
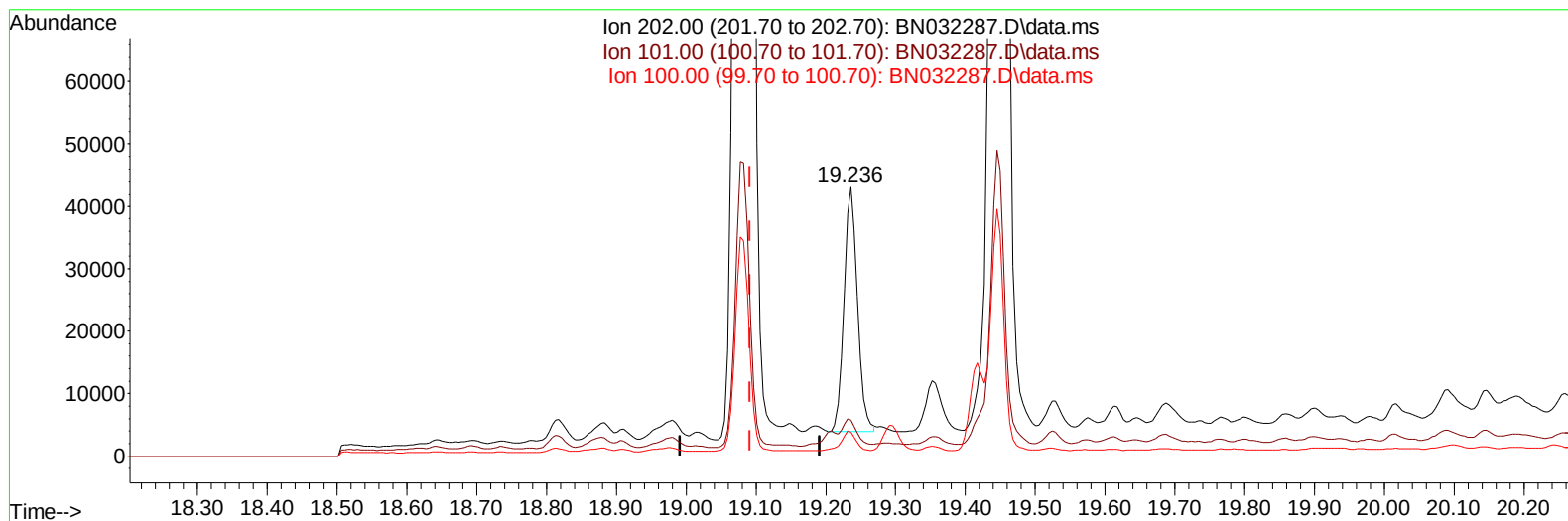
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032287.D
Acq On : 27 Jun 2024 19:29
Operator : MA/JU
Sample : P2909-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B76

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:23 2024
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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: BN032287.D\data.ms

(19) Fluoranthene (C)

19.236min (+ 0.144) 0.91 ng/u1

response 53012

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	13.45#
100.00	8.00	8.78
0.00	0.00	0.00

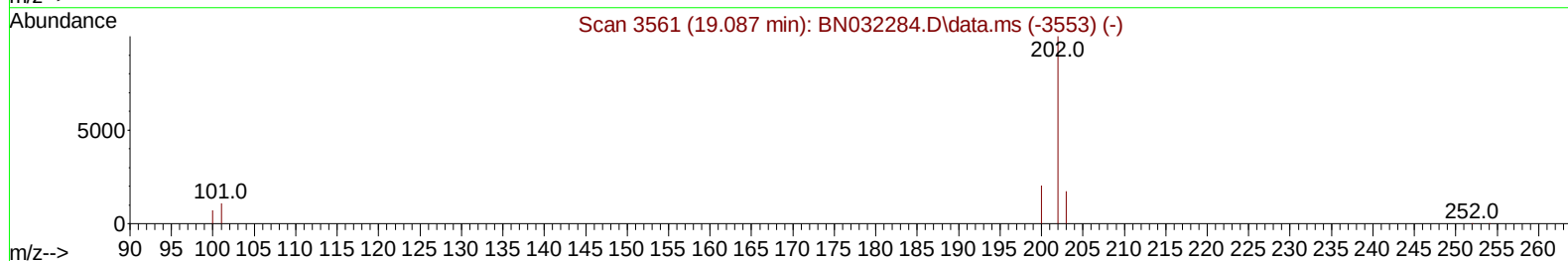
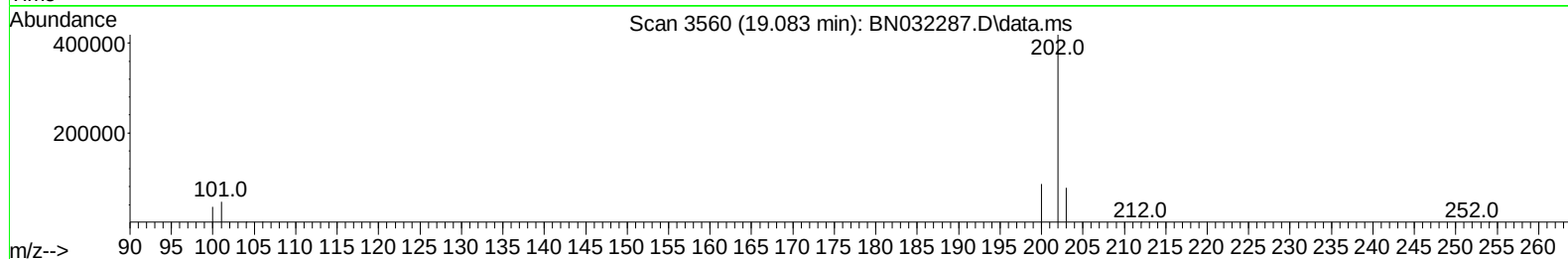
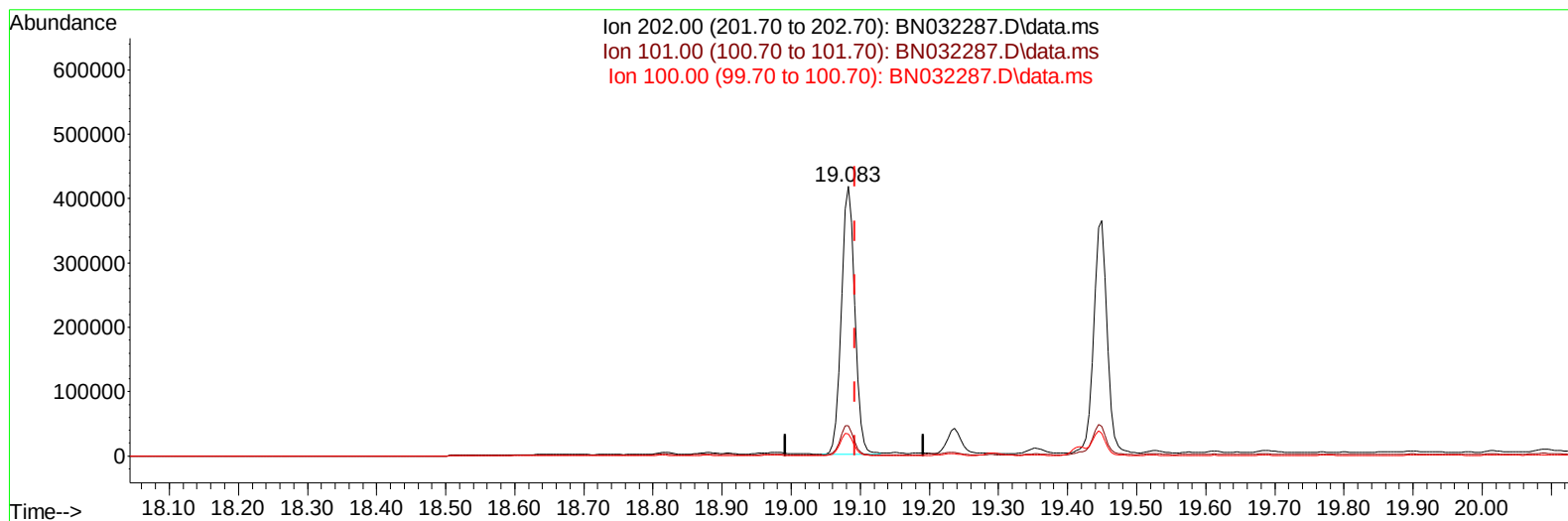
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032287.D
Acq On : 27 Jun 2024 19:29
Operator : MA/JU
Sample : P2909-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B76

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:23 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: BN032287.D\data.ms

(19) Fluoranthene (C)

19.083min (-0.009) 9.21 ng/ul m

response 568405

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.21
100.00	8.00	8.23
0.00	0.00	0.00

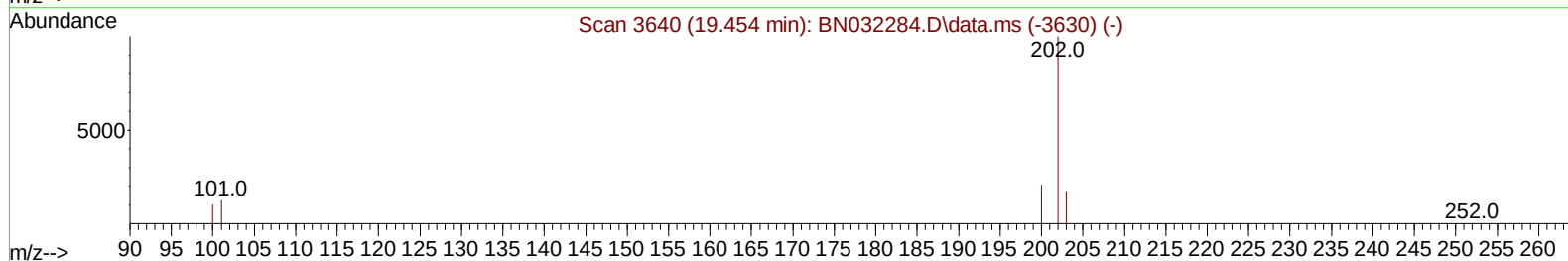
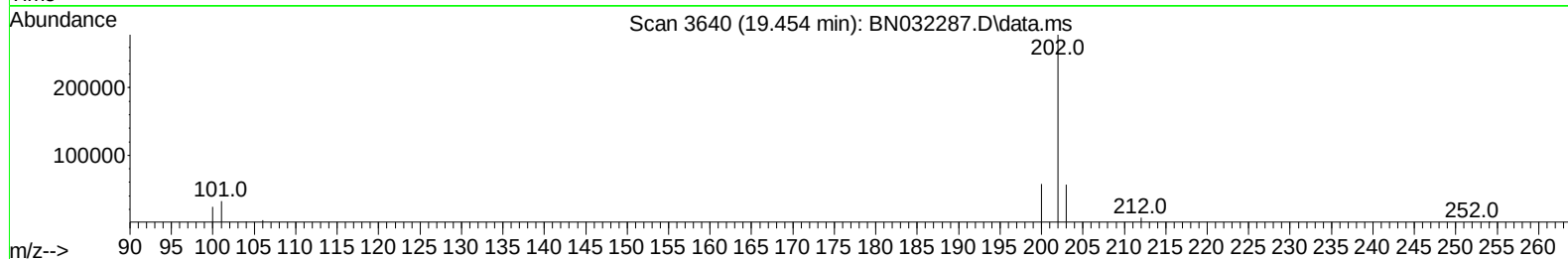
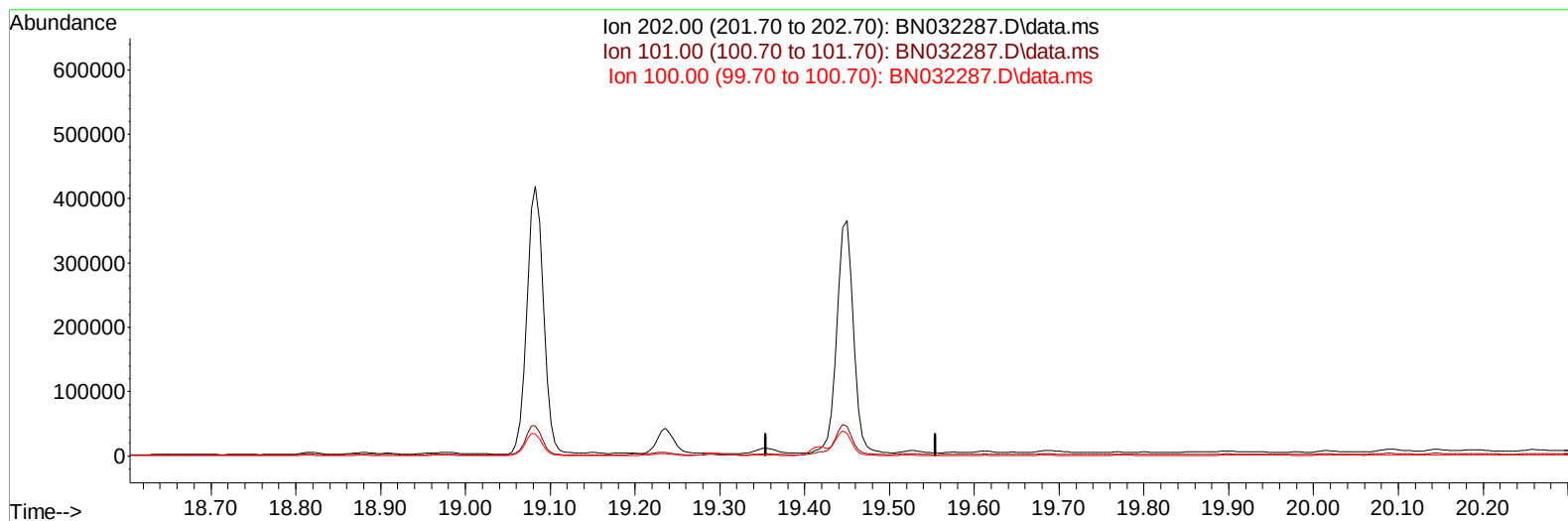
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032287.D
Acq On : 27 Jun 2024 19:29
Operator : MA/JU
Sample : P2909-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B76

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:23 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: BN032287.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

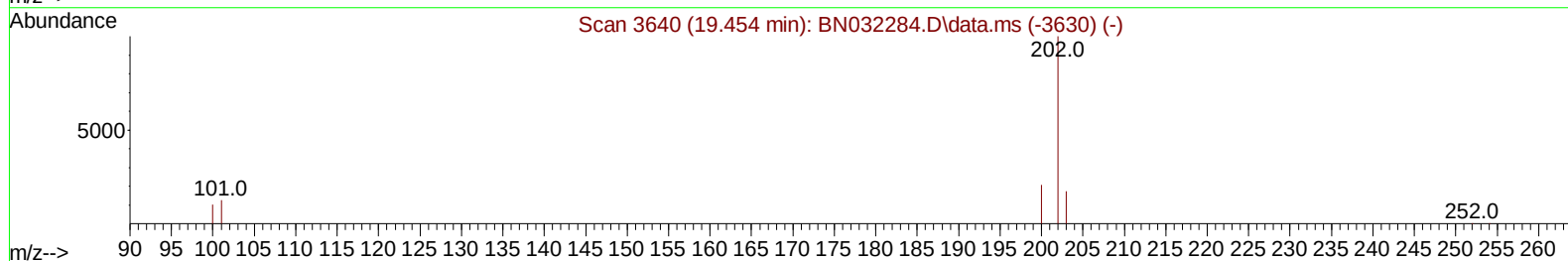
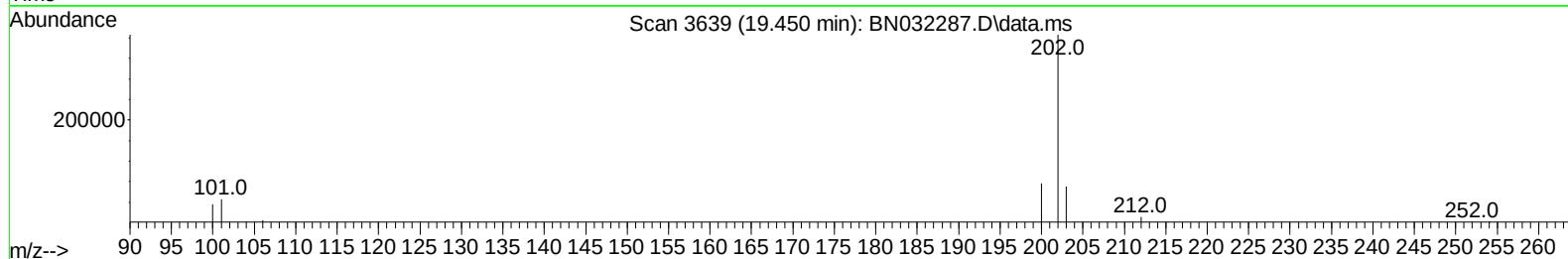
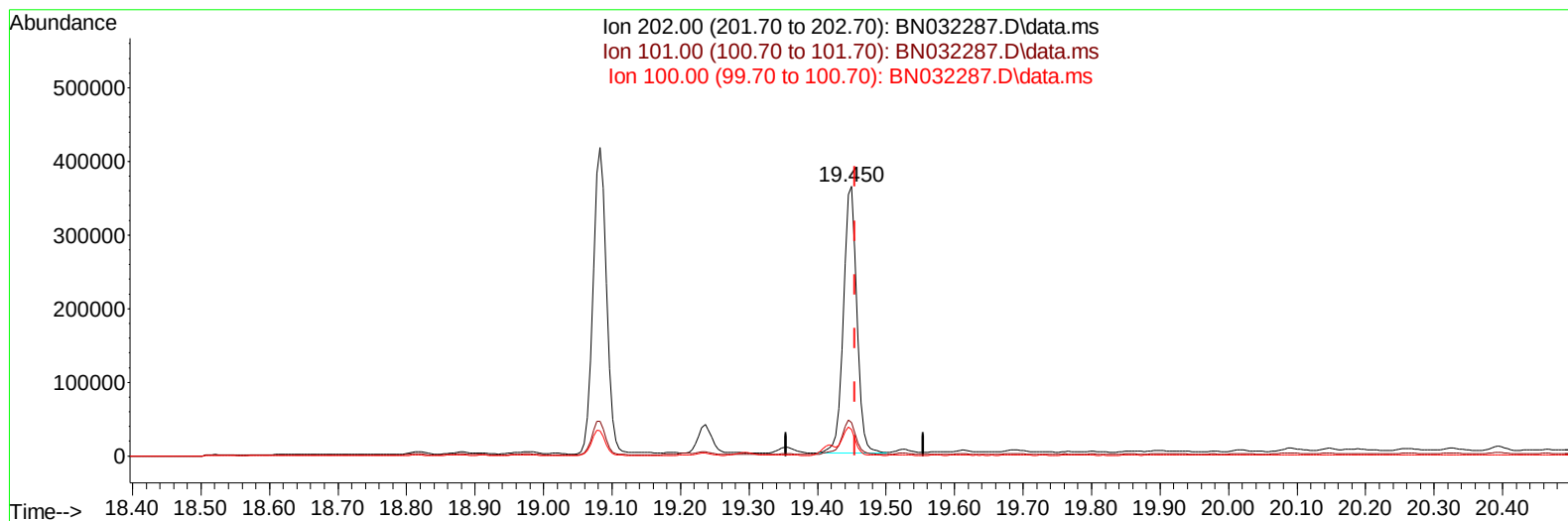
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032287.D
Acq On : 27 Jun 2024 19:29
Operator : MA/JU
Sample : P2909-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B76

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:23 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: BN032287.D\data.ms

(20) Pyrene

19.450min (-0.005) 7.71 ng/ul m

response 497298

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	12.50
100.00	10.90	9.70
0.00	0.00	0.00

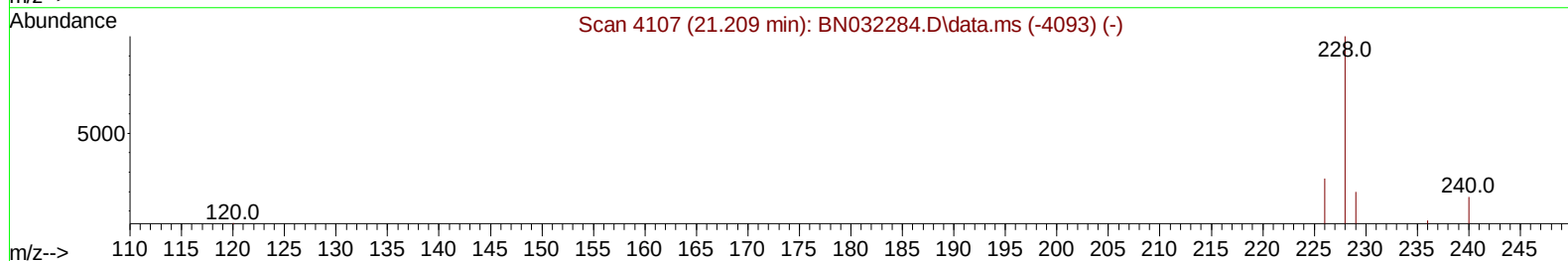
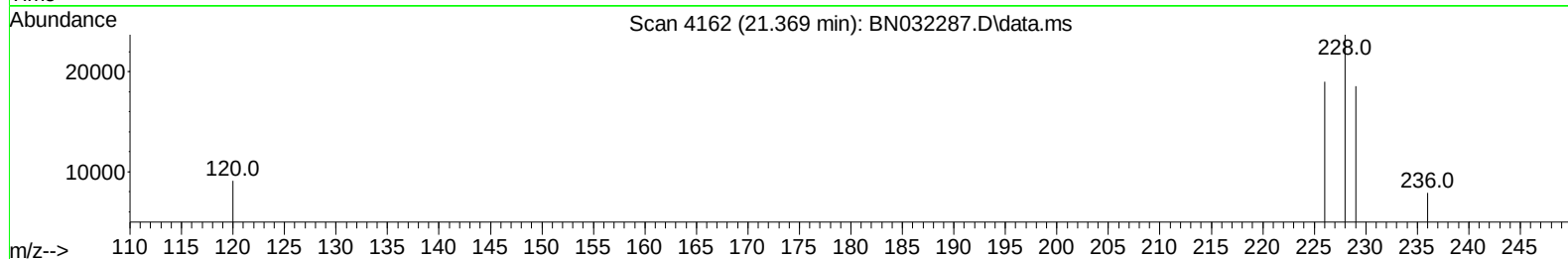
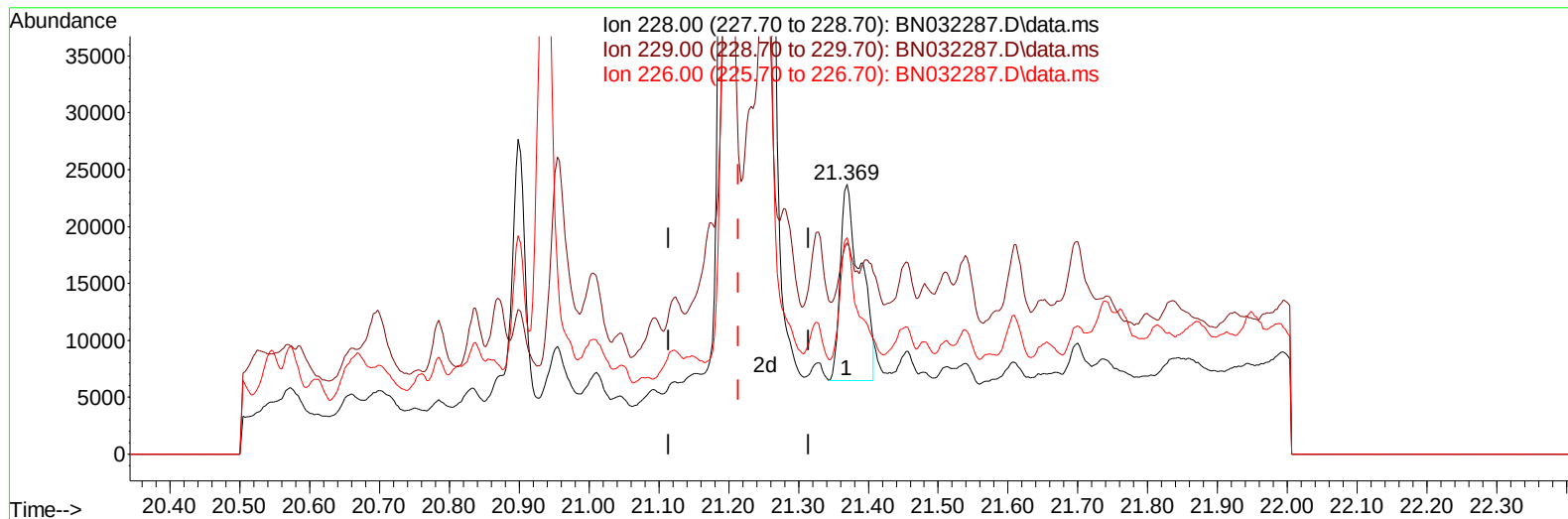
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032287.D
Acq On : 27 Jun 2024 19:29
Operator : MA/JU
Sample : P2909-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B76

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:23 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: BN032287.D\data.ms

(21) Benzo(a)anthracene

21.369min (+ 0.155) 0.63 ng/u1

response 34684

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	78.33#
226.00	27.30	80.28#
0.00	0.00	0.00

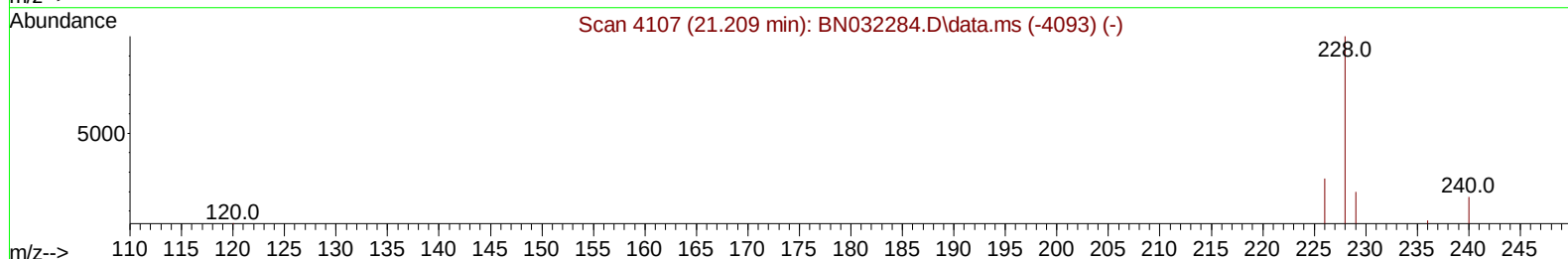
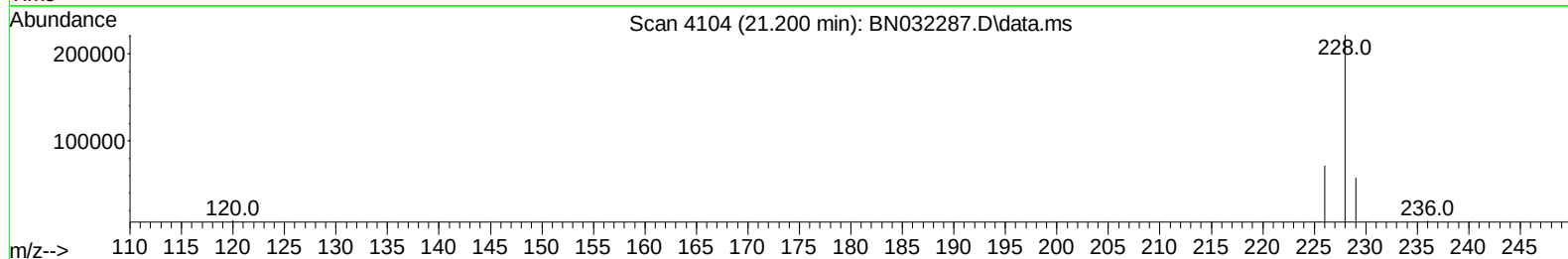
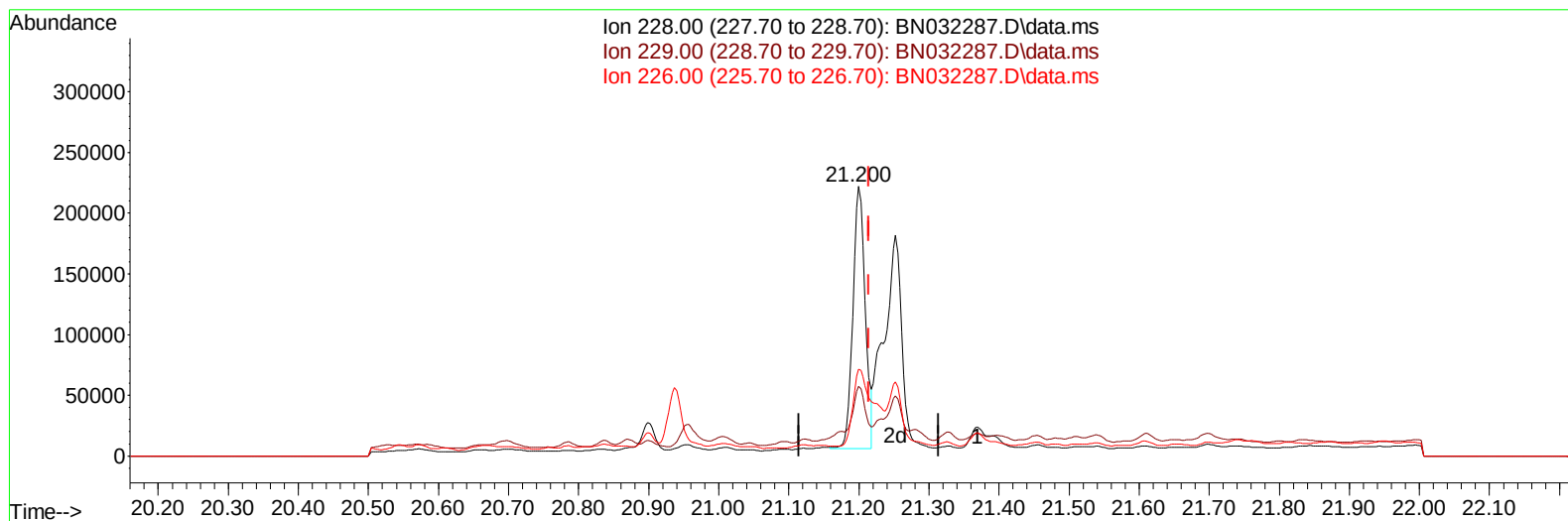
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032287.D
Acq On : 27 Jun 2024 19:29
Operator : MA/JU
Sample : P2909-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B76

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:23 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: BN032287.D\data.ms

(21) Benzo(a)anthracene

21.200min (-0.015) 4.49 ng/ul m

response 262624

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	25.86#
226.00	27.30	32.23
0.00	0.00	0.00

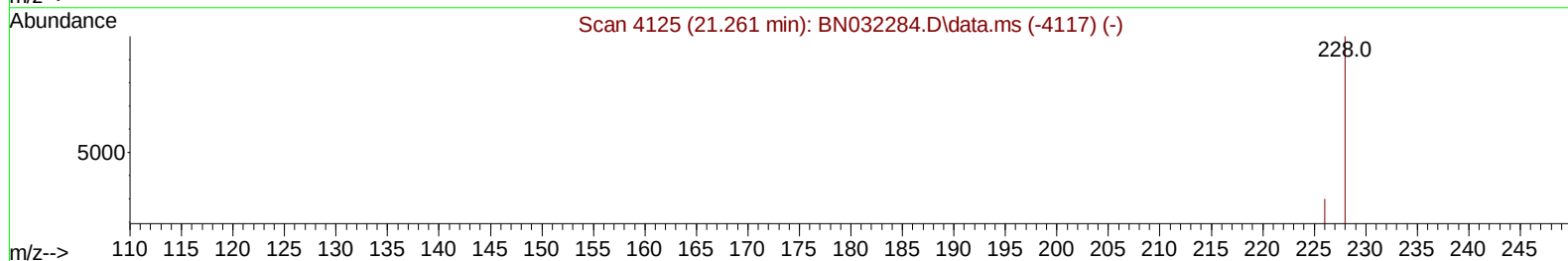
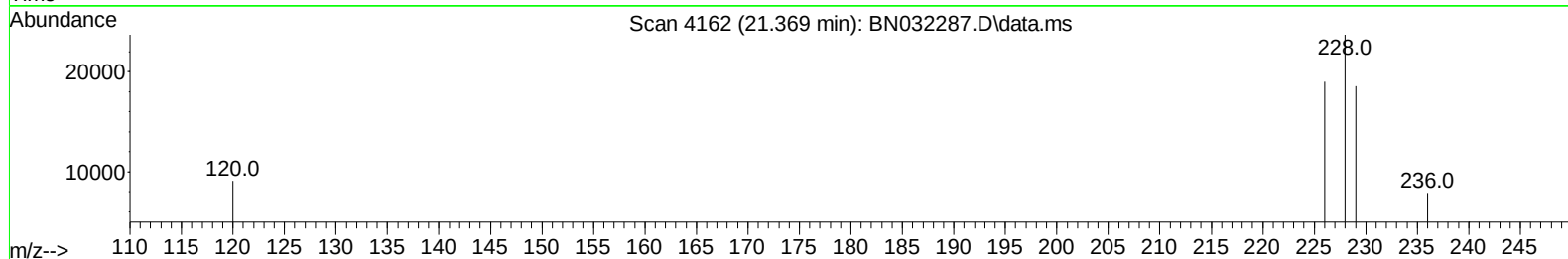
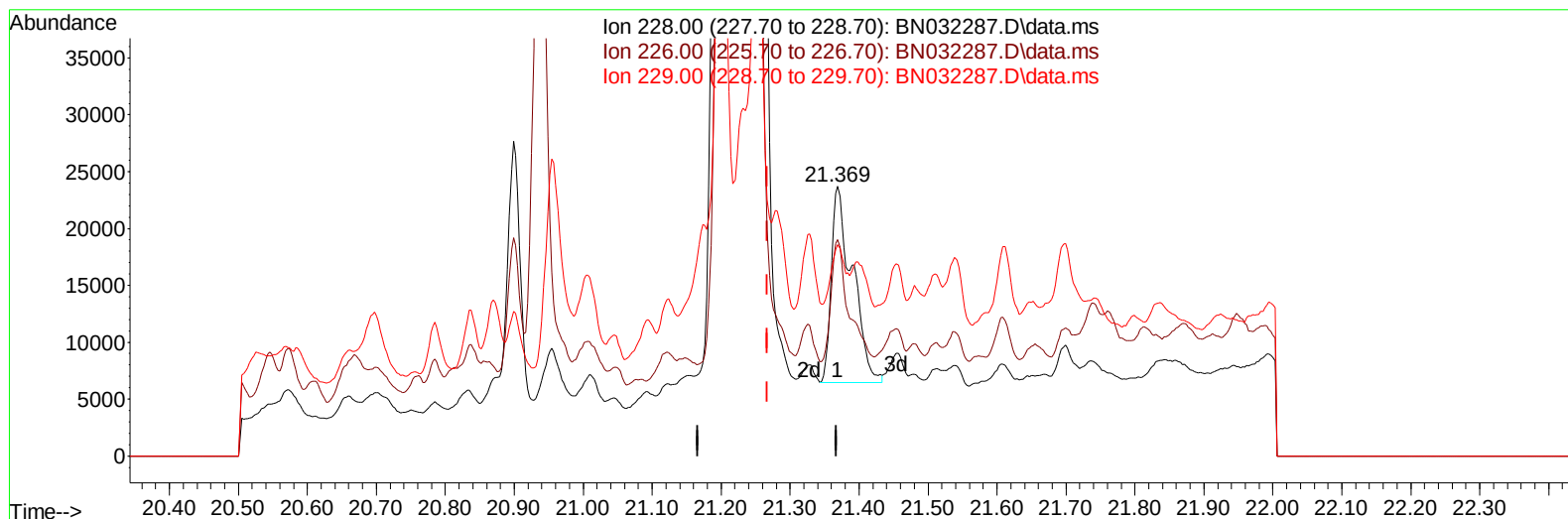
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032287.D
Acq On : 27 Jun 2024 19:29
Operator : MA/JU
Sample : P2909-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B76

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:23 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: BN032287.D\data.ms

(22) Chrysene

21.369min (+ 0.102) 0.60 ng/u1

response 36435

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	80.28#
229.00	19.60	78.33#
0.00	0.00	0.00

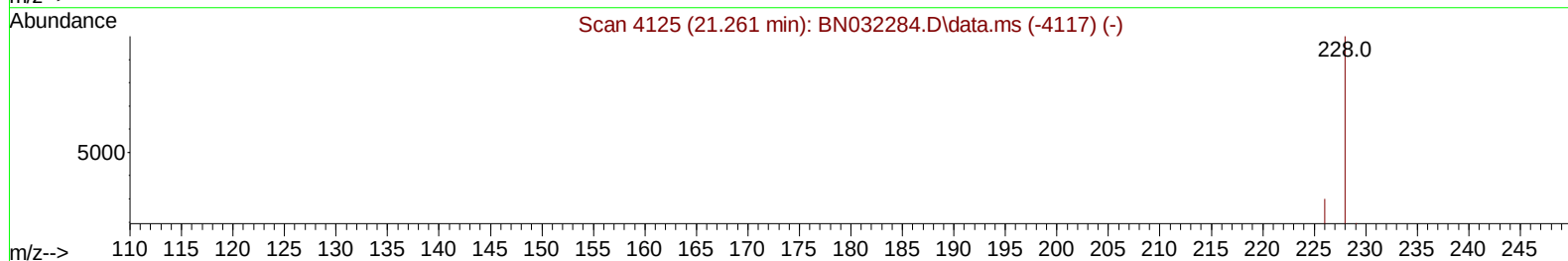
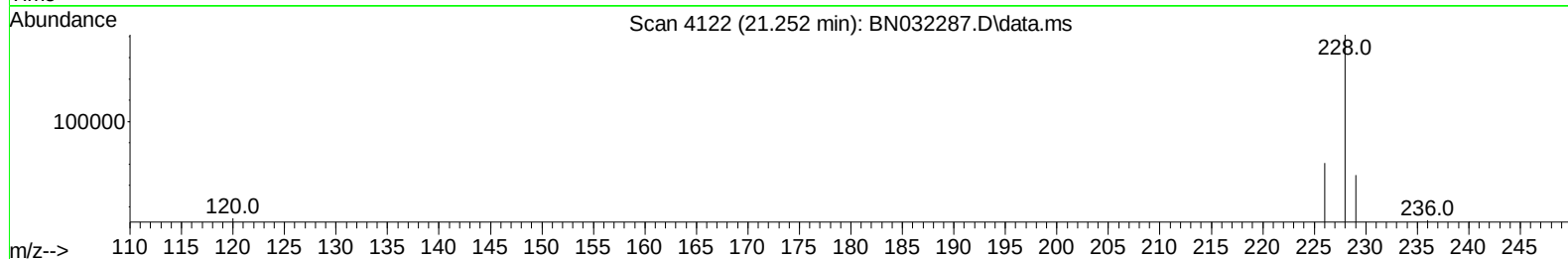
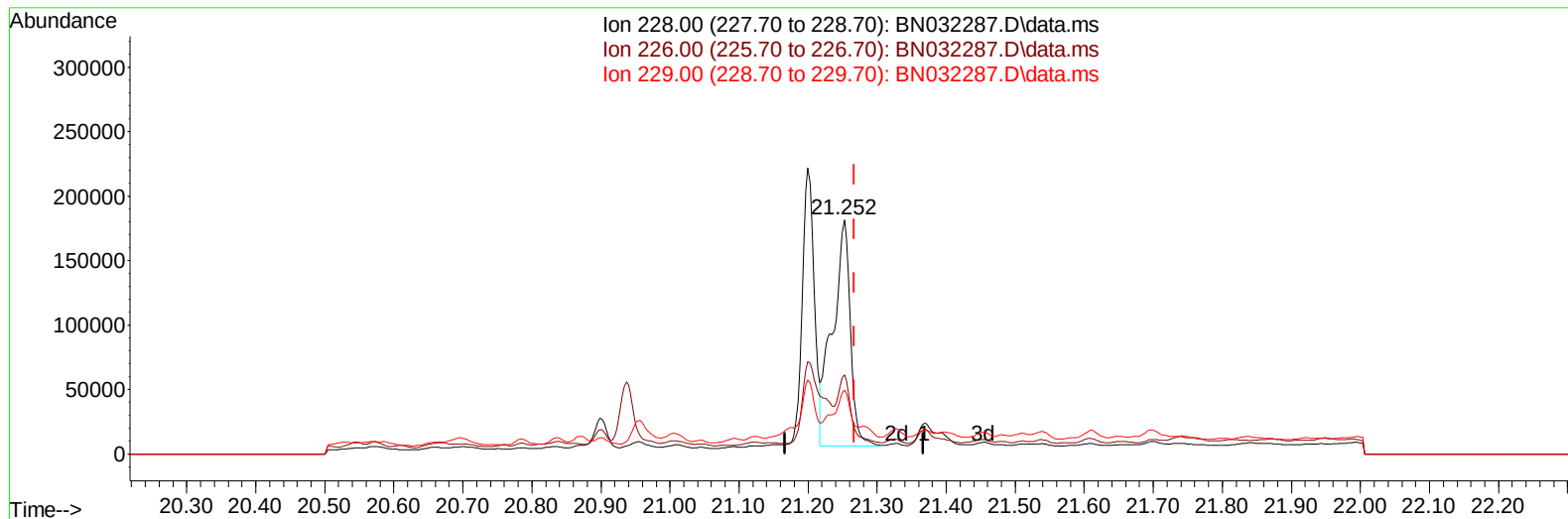
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032287.D
Acq On : 27 Jun 2024 19:29
Operator : MA/JU
Sample : P2909-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B76

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:23 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: BN032287.D\data.ms

(22) Chrysene

21.252min (-0.015) 4.94 ng/ul m

response 316925

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	33.65
229.00	19.60	27.31#
0.00	0.00	0.00

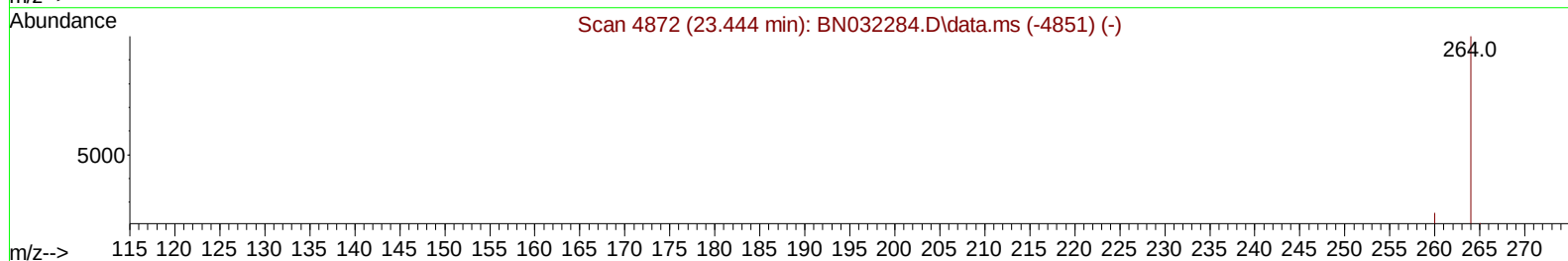
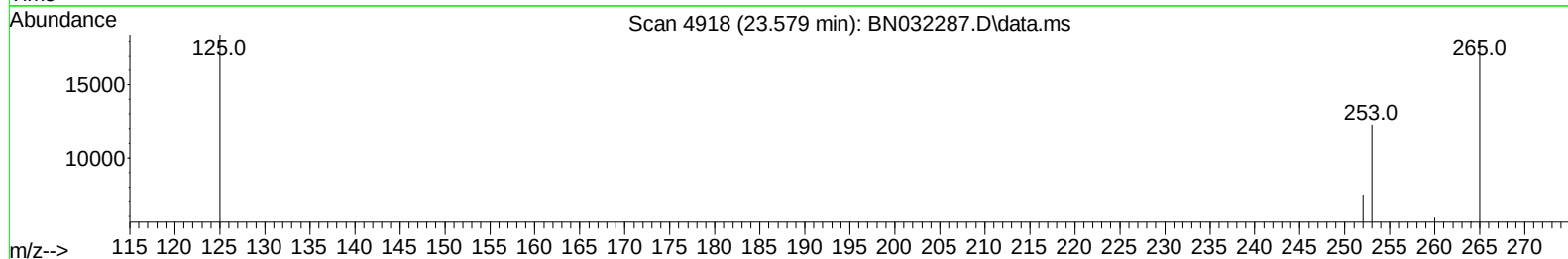
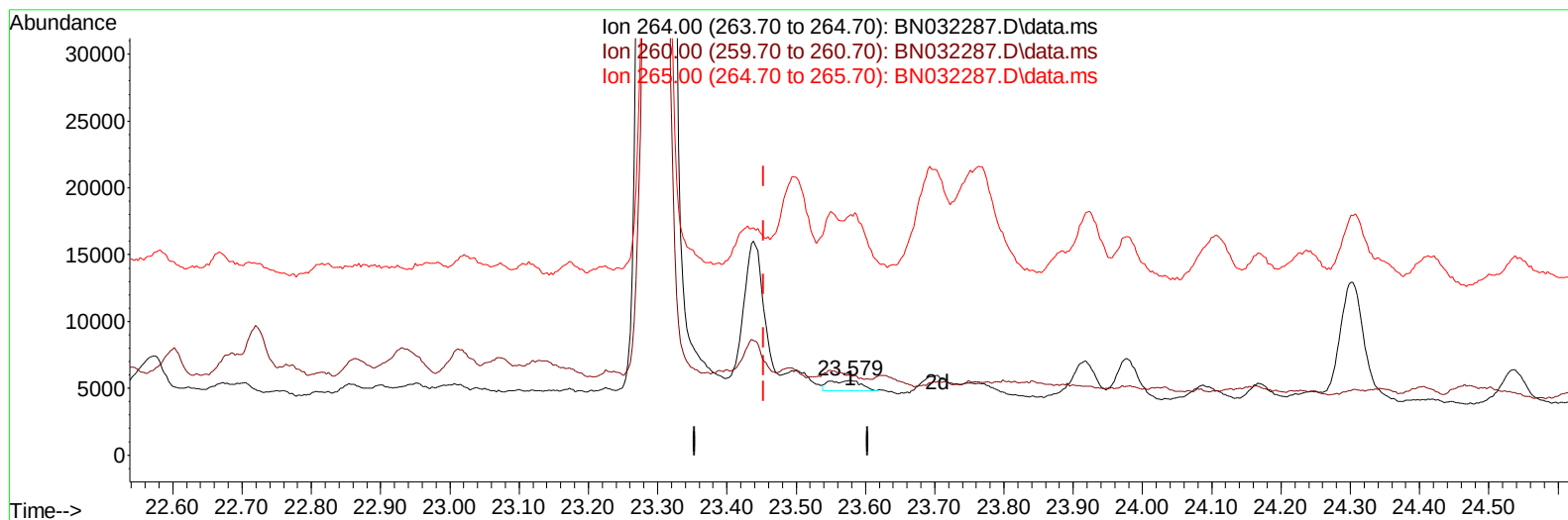
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032287.D
Acq On : 27 Jun 2024 19:29
Operator : MA/JU
Sample : P2909-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B76

Manual IntegrationsAPPROVED

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

Quant Time: Jun 28 00:27:23 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: BN032287.D\data.ms

(23) Perylene-d12 (I)

23.579min (+ 0.126) 0.40 ng/u1

response 2355

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	105.70#
265.00	67.20	321.92#
0.00	0.00	0.00

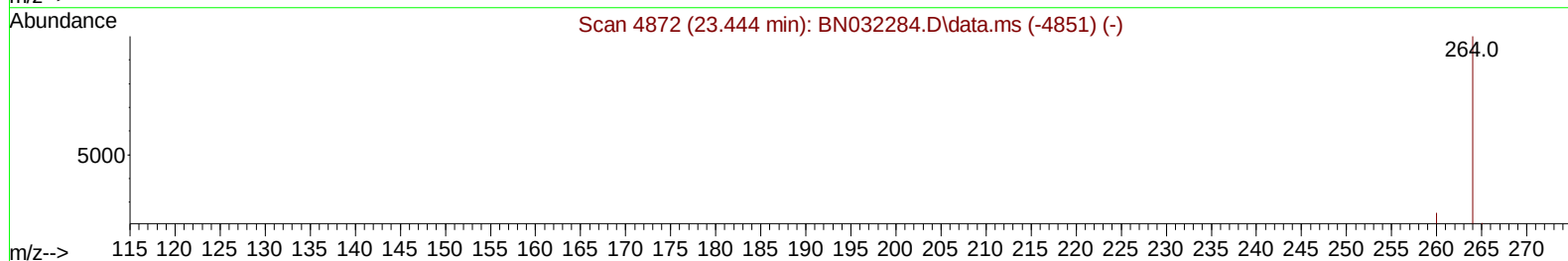
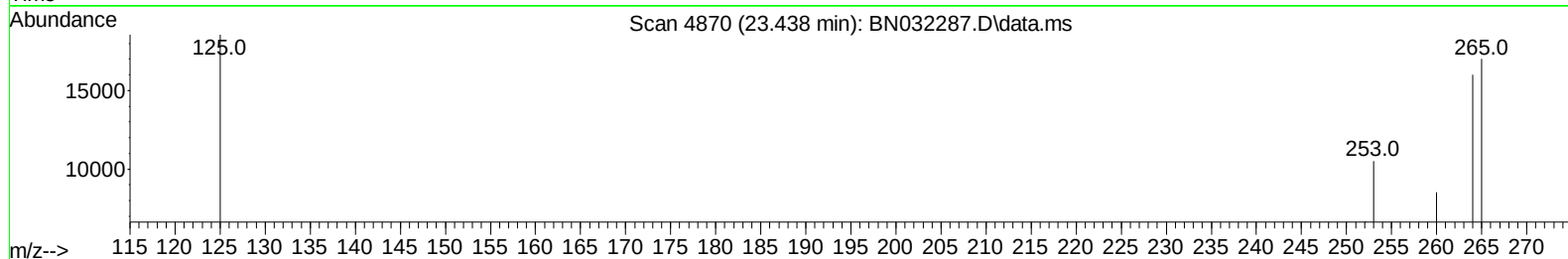
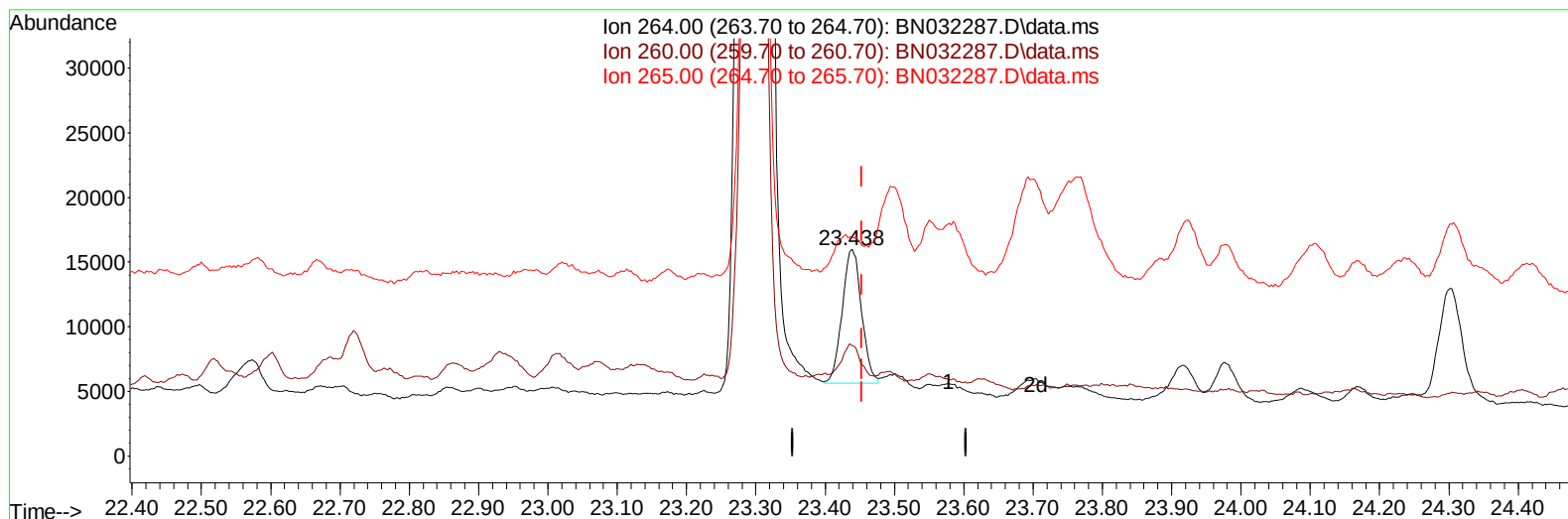
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032287.D
Acq On : 27 Jun 2024 19:29
Operator : MA/JU
Sample : P2909-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B76

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:23 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: BN032287.D\data.ms

(23) Perylene-d12 (I)

23.438min (-0.015) 0.40 ng/ul m

response 20090

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	53.44#
265.00	67.20	106.26#
0.00	0.00	0.00

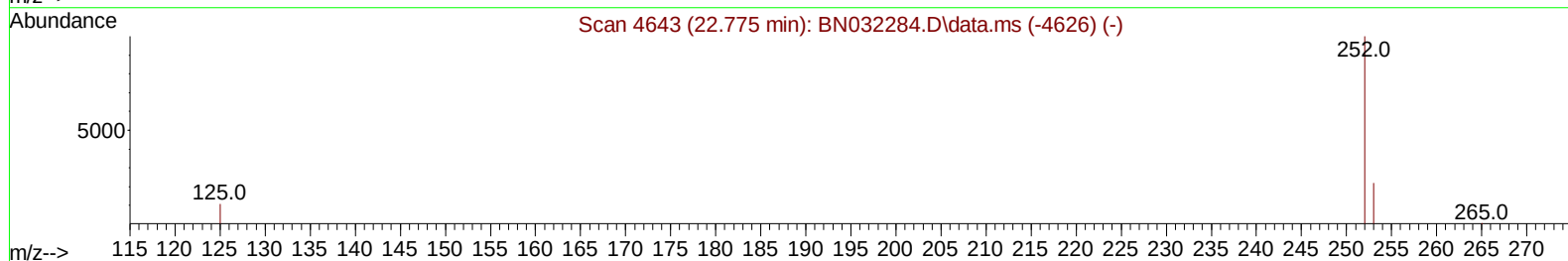
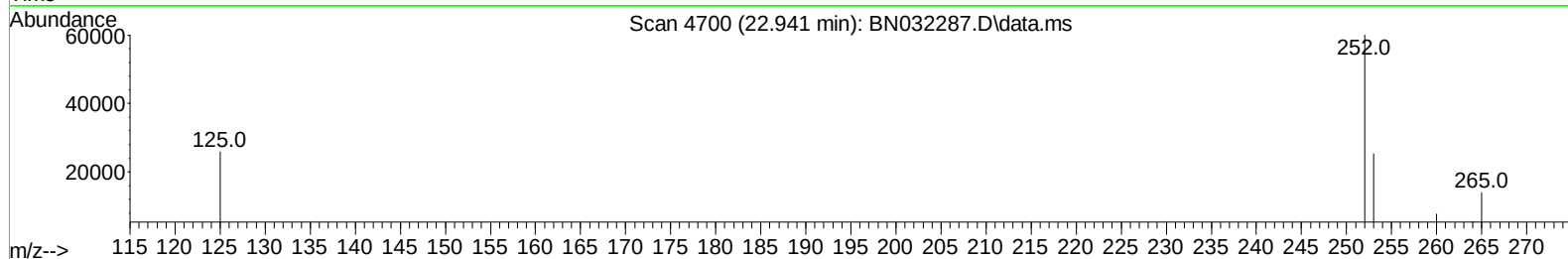
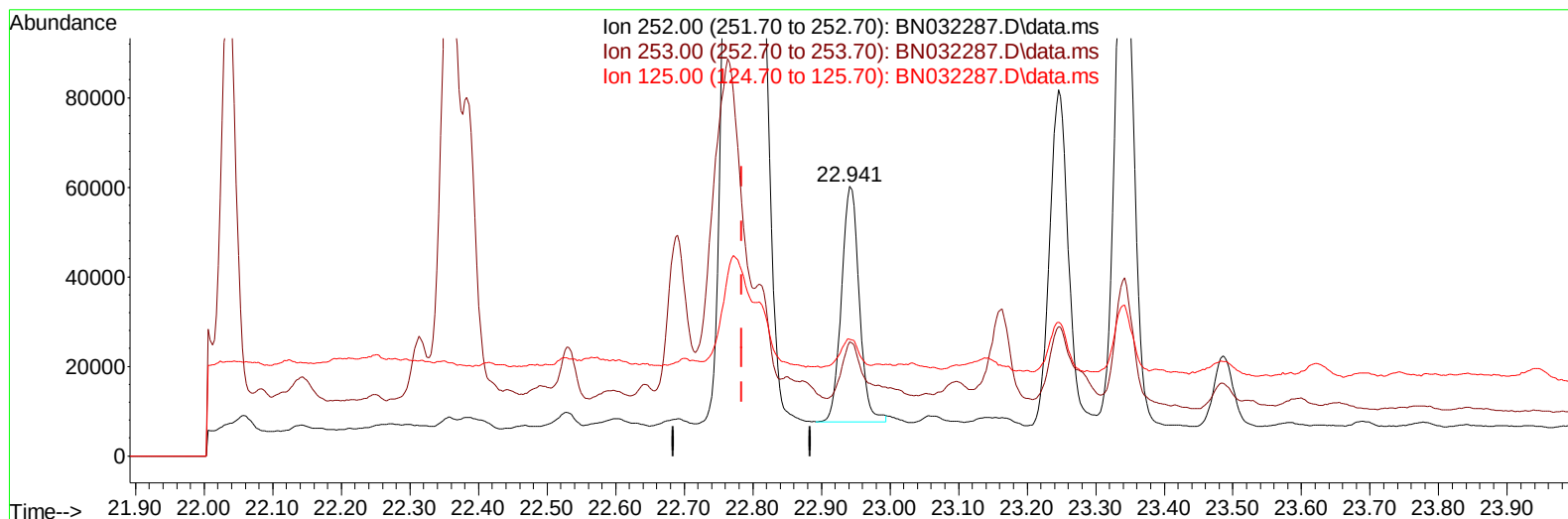
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032287.D
Acq On : 27 Jun 2024 19:29
Operator : MA/JU
Sample : P2909-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B76

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:23 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: BN032287.D\data.ms

(24) Benzo(b)fluoranthene

22.941min (+ 0.158) 1.08 ng/u1

response 94680

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	42.27
125.00	16.00	43.23#
0.00	0.00	0.00

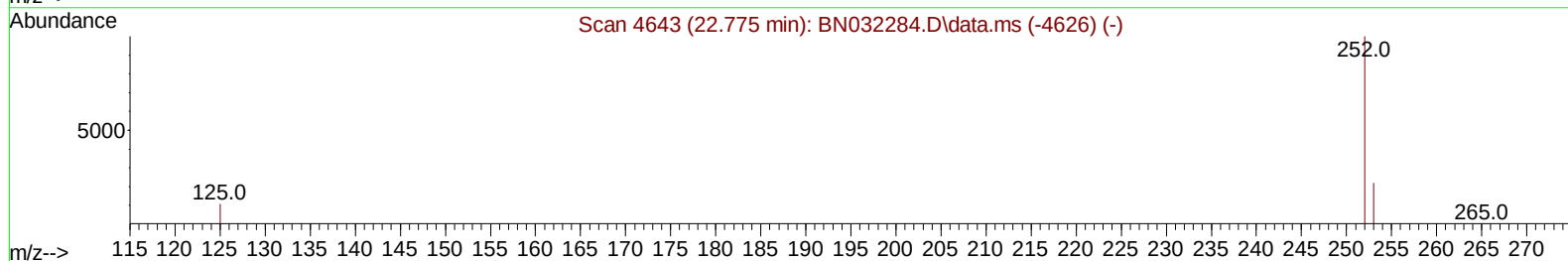
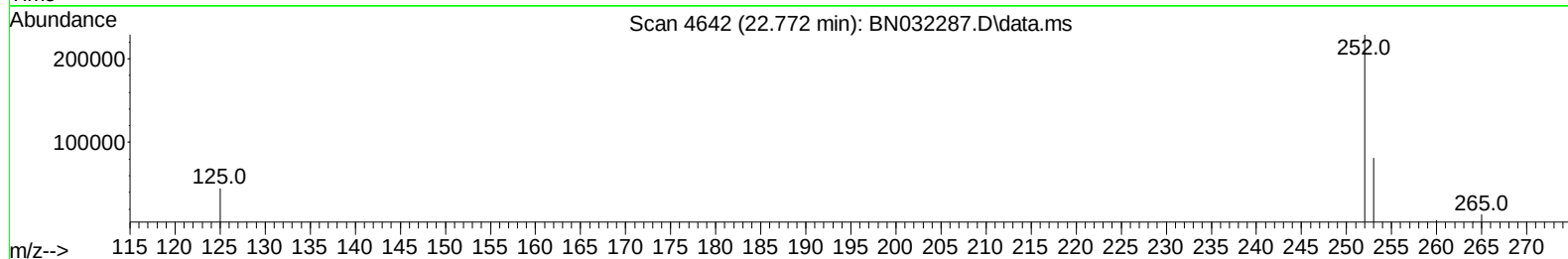
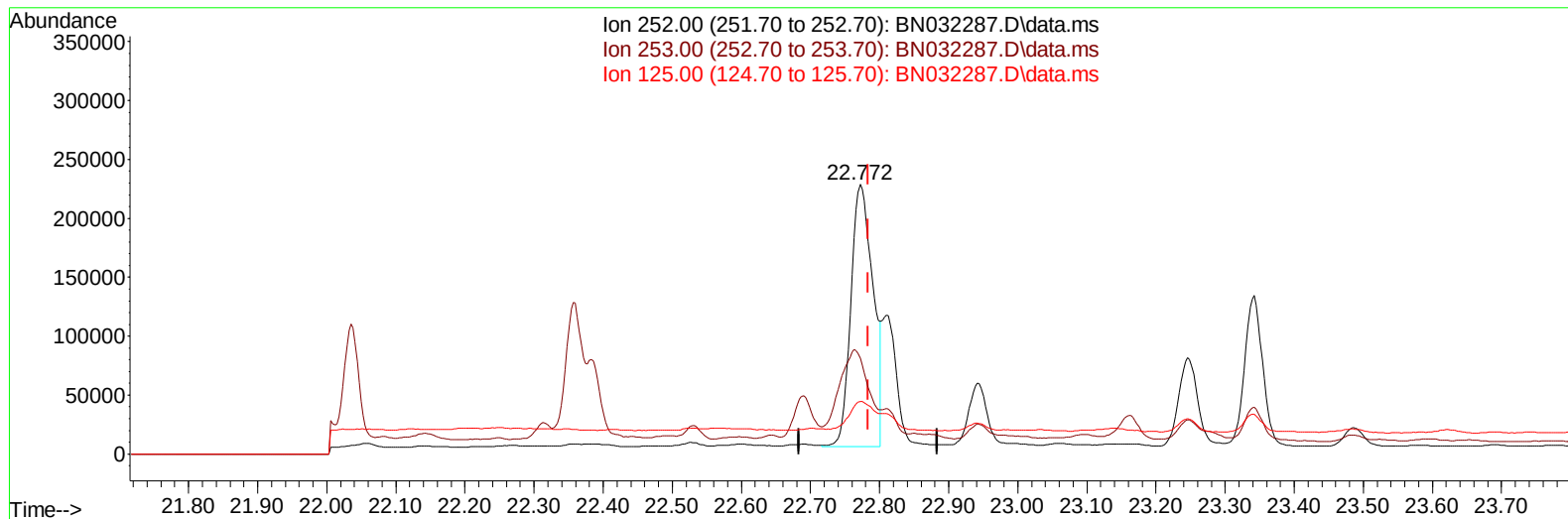
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032287.D
Acq On : 27 Jun 2024 19:29
Operator : MA/JU
Sample : P2909-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B76

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:23 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: BN032287.D\data.ms

(24) Benzo(b)fluoranthene

22.772min (-0.012) 5.71 ng/ul m

response 498607

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	35.45
125.00	16.00	19.58
0.00	0.00	0.00

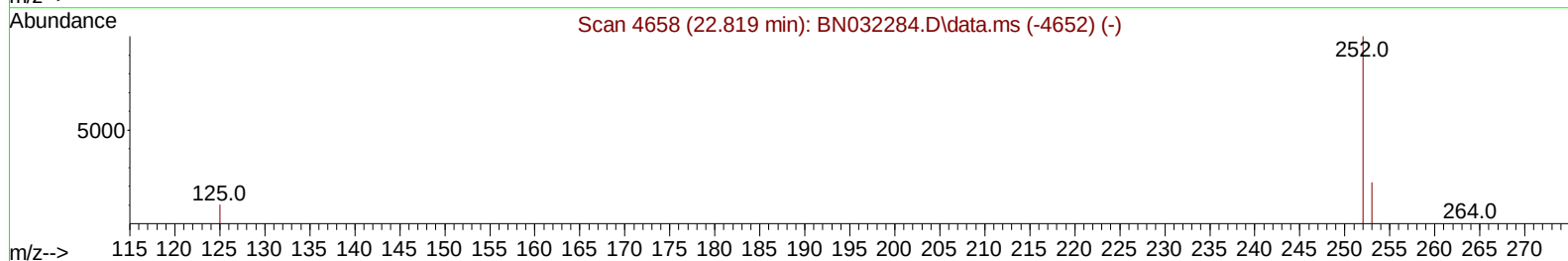
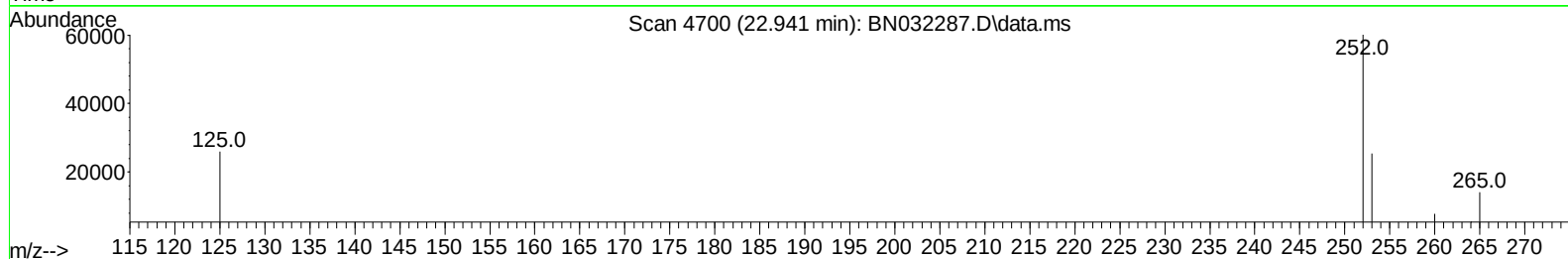
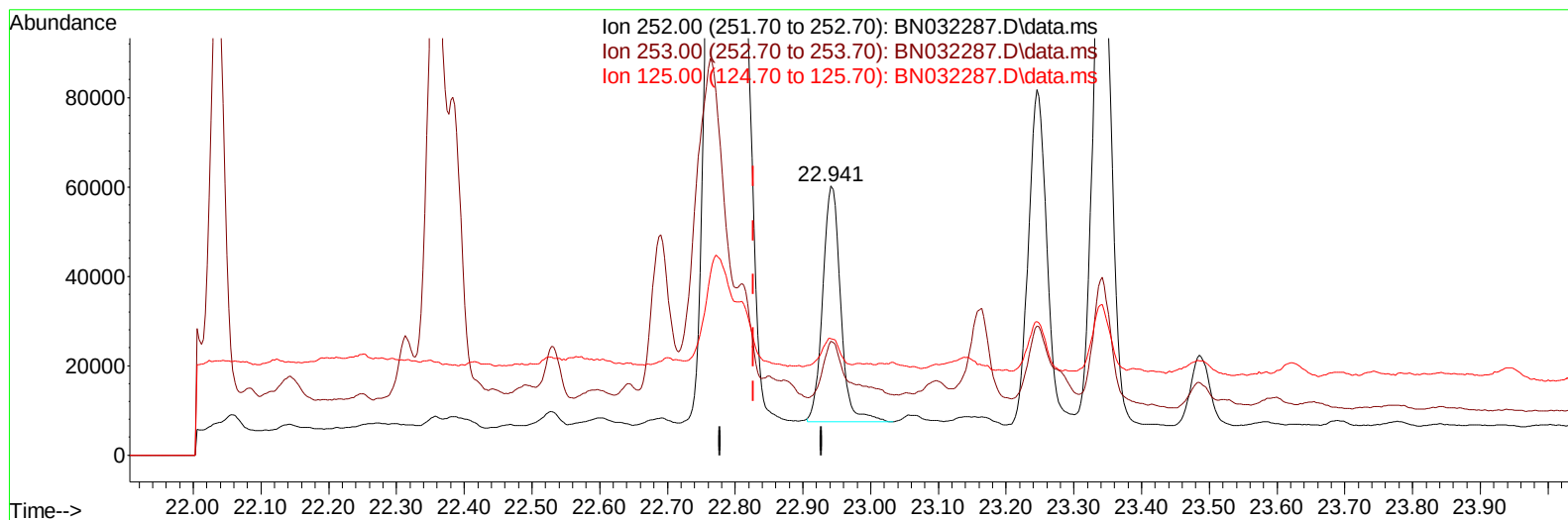
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032287.D
Acq On : 27 Jun 2024 19:29
Operator : MA/JU
Sample : P2909-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B76

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:23 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: BN032287.D\data.ms

(25) Benzo(k)fluoranthene

22.941min (+ 0.114) 1.14 ng/u1

response 96829

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	42.27#
125.00	16.00	43.23#
0.00	0.00	0.00

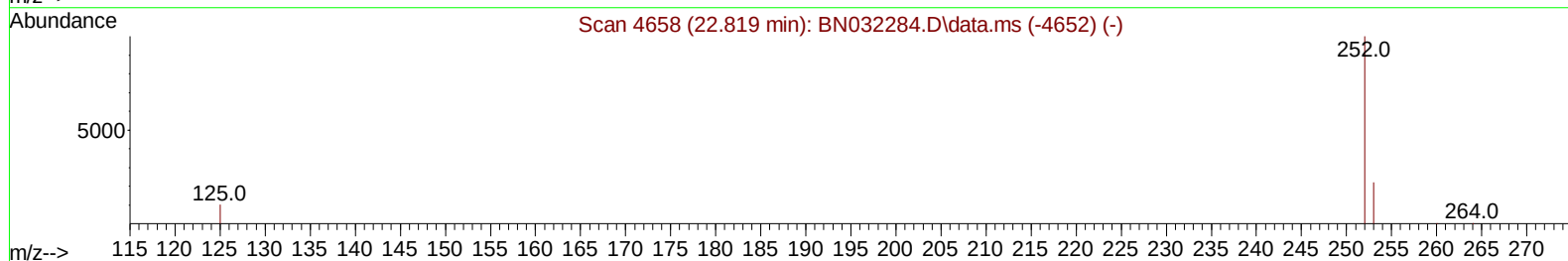
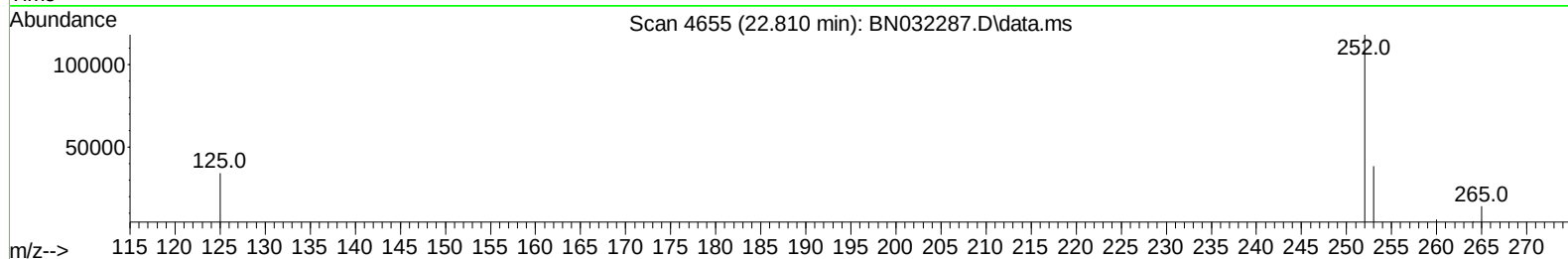
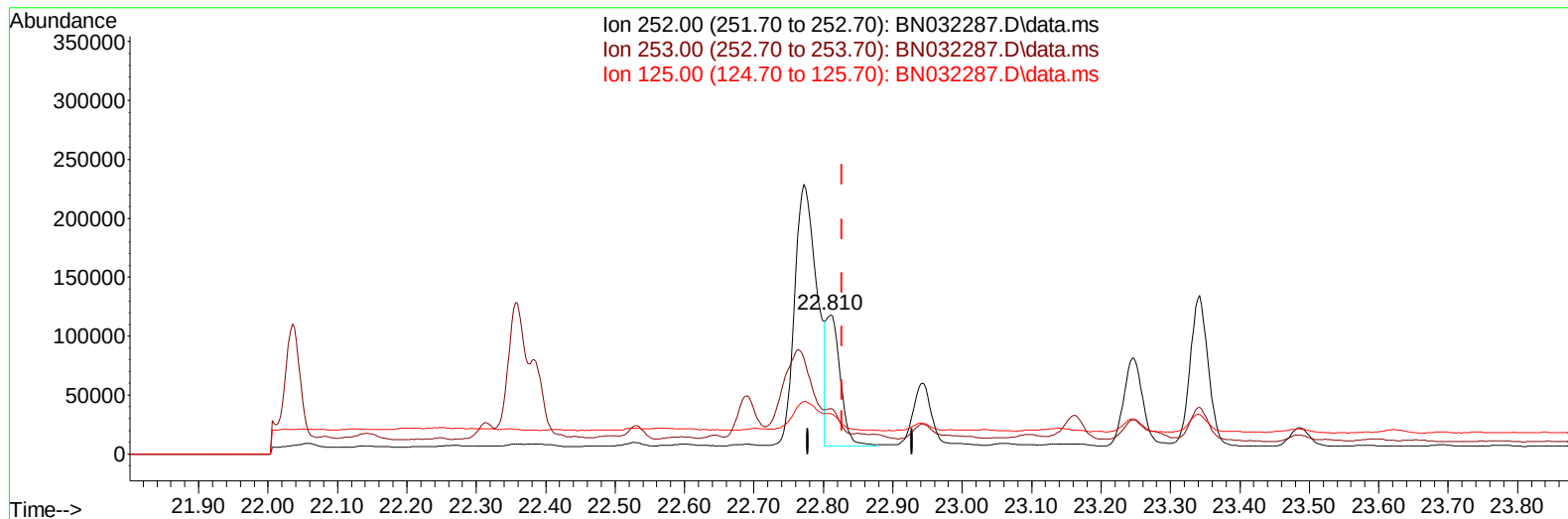
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032287.D
Acq On : 27 Jun 2024 19:29
Operator : MA/JU
Sample : P2909-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B76

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:23 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: BN032287.D\data.ms

(25) Benzo(k)fluoranthene

22.810min (-0.018) 1.89 ng/u l m

response 160324

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	32.55#
125.00	16.00	29.13#
0.00	0.00	0.00

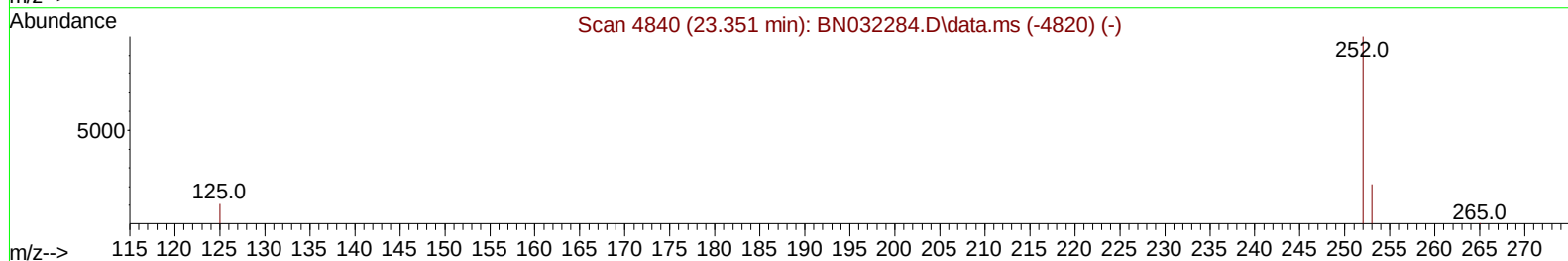
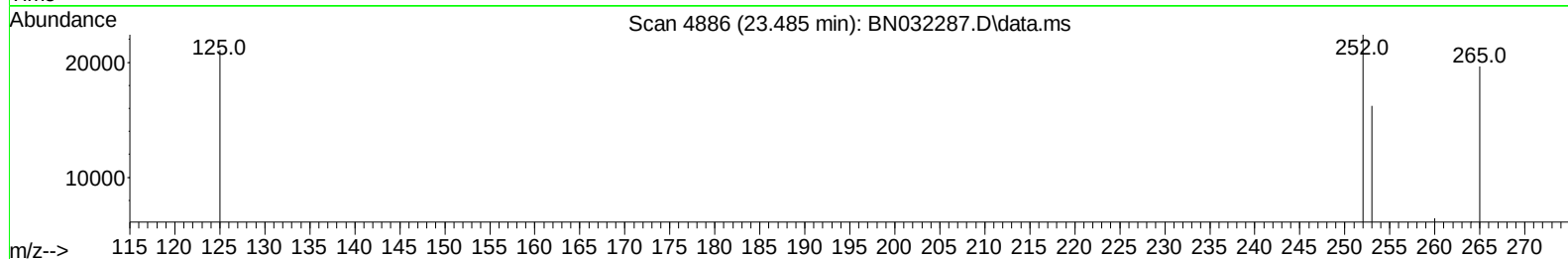
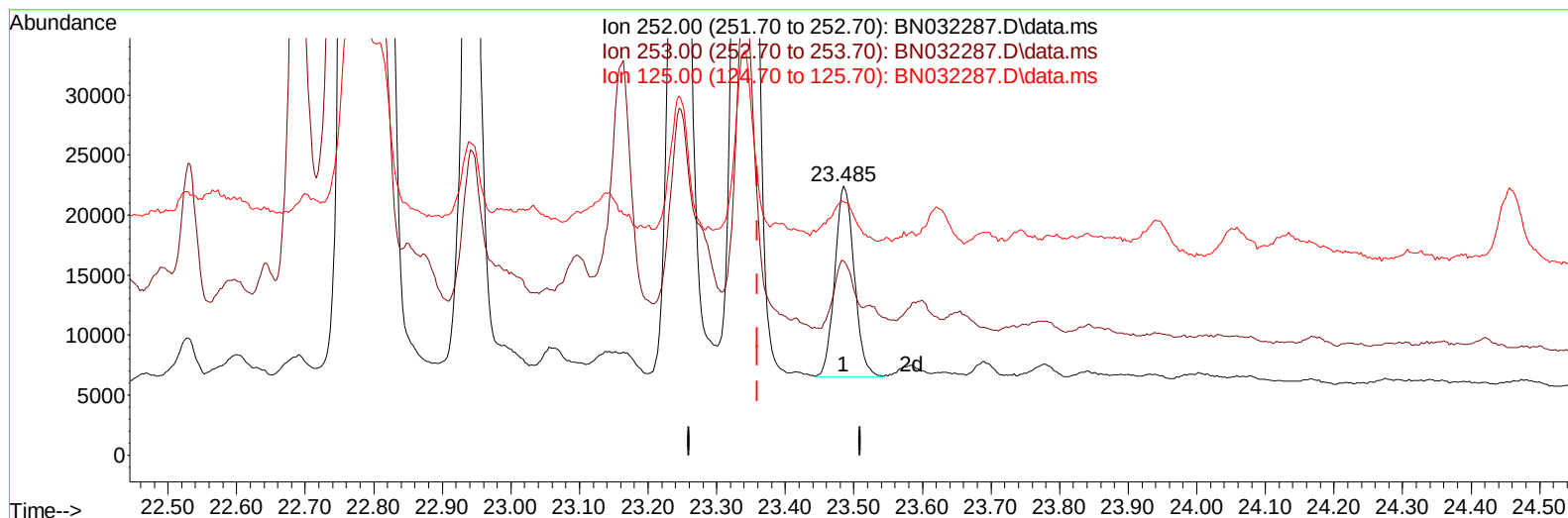
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032287.D
Acq On : 27 Jun 2024 19:29
Operator : MA/JU
Sample : P2909-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B76

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:23 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: BN032287.D\data.ms

(26) Benzo(a)pyrene (C)

23.485min (+ 0.126) 0.51 ng/u1

response 31079

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	72.34#
125.00	20.50	94.18#
0.00	0.00	0.00

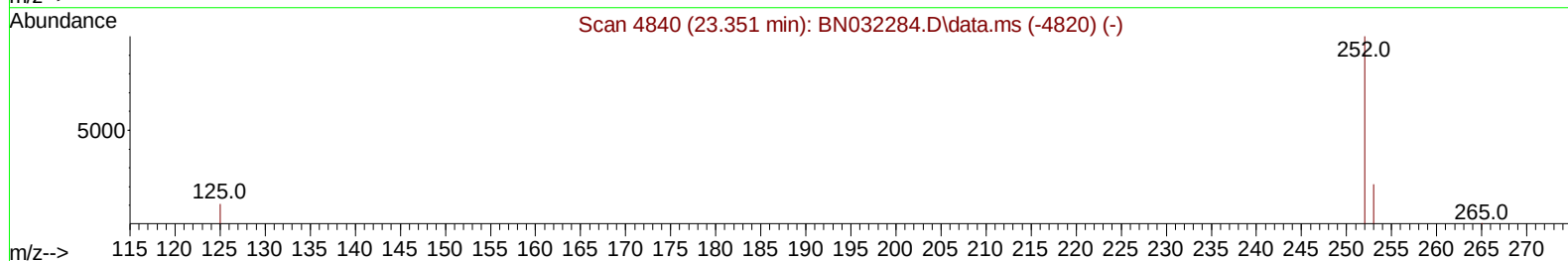
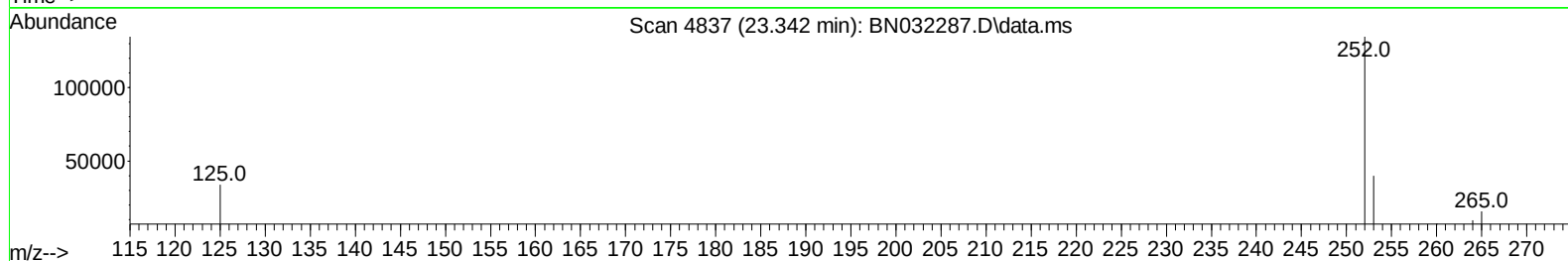
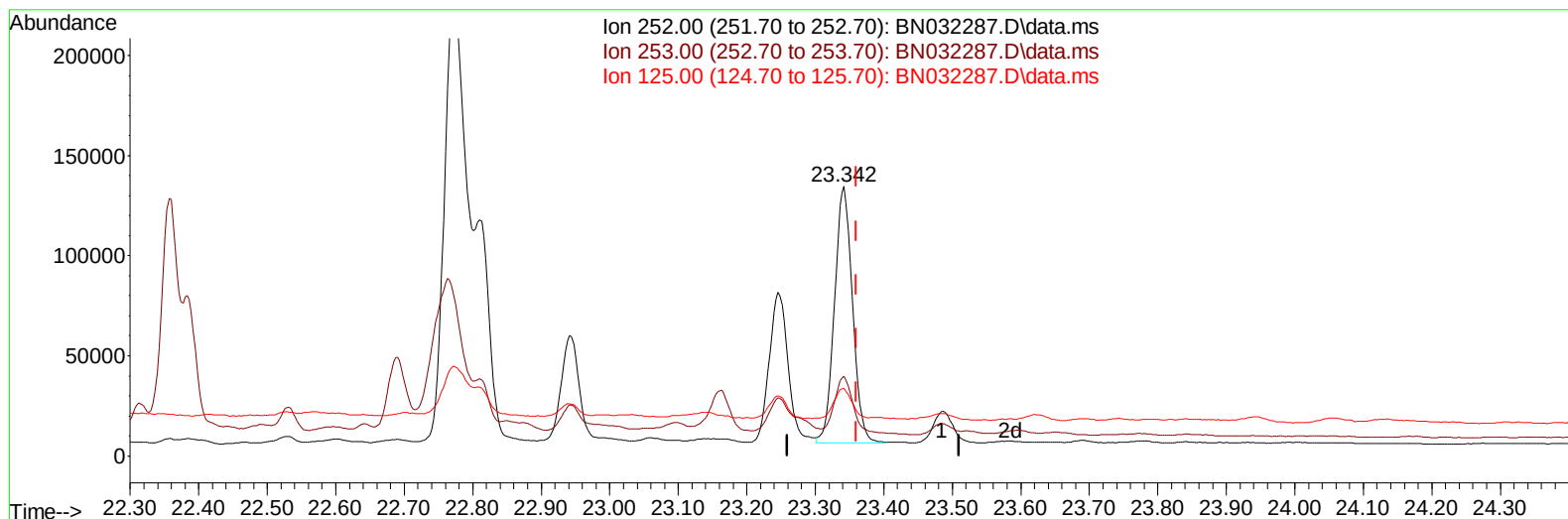
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032287.D
Acq On : 27 Jun 2024 19:29
Operator : MA/JU
Sample : P2909-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B76

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:23 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: BN032287.D\data.ms

(26) Benzo(a)pyrene (C)

23.342min (-0.018) 3.83 ng/ul m

response 232679

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	29.57
125.00	20.50	25.07#
0.00	0.00	0.00

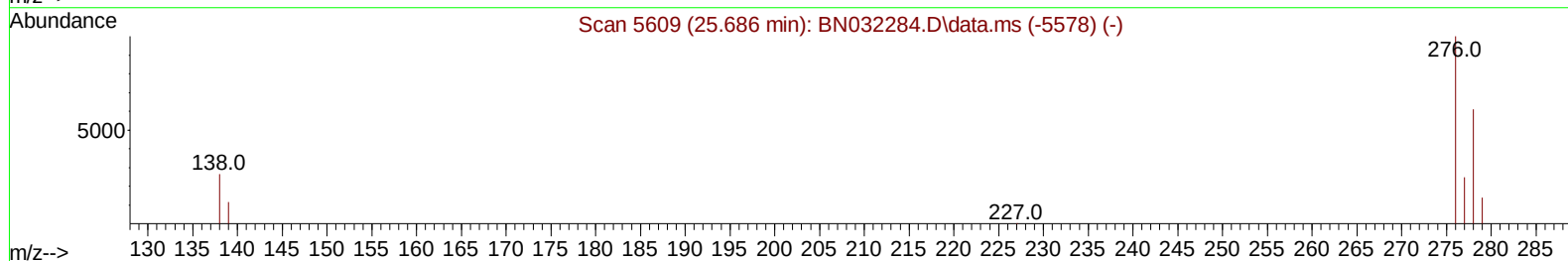
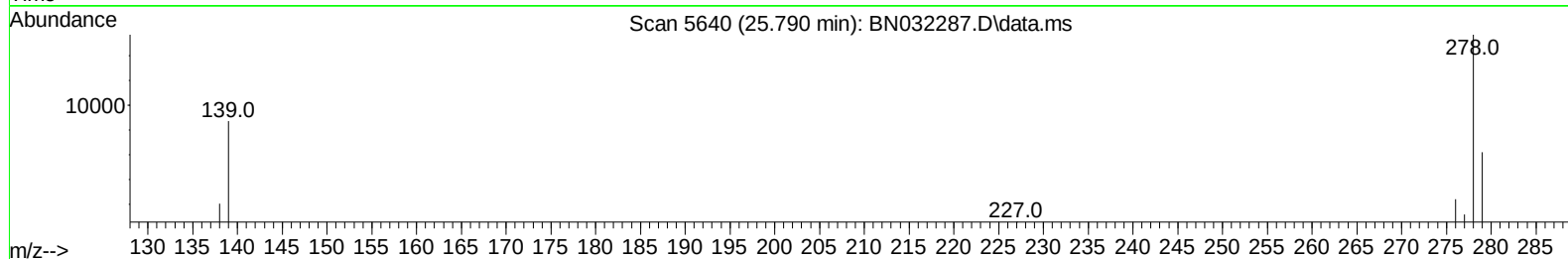
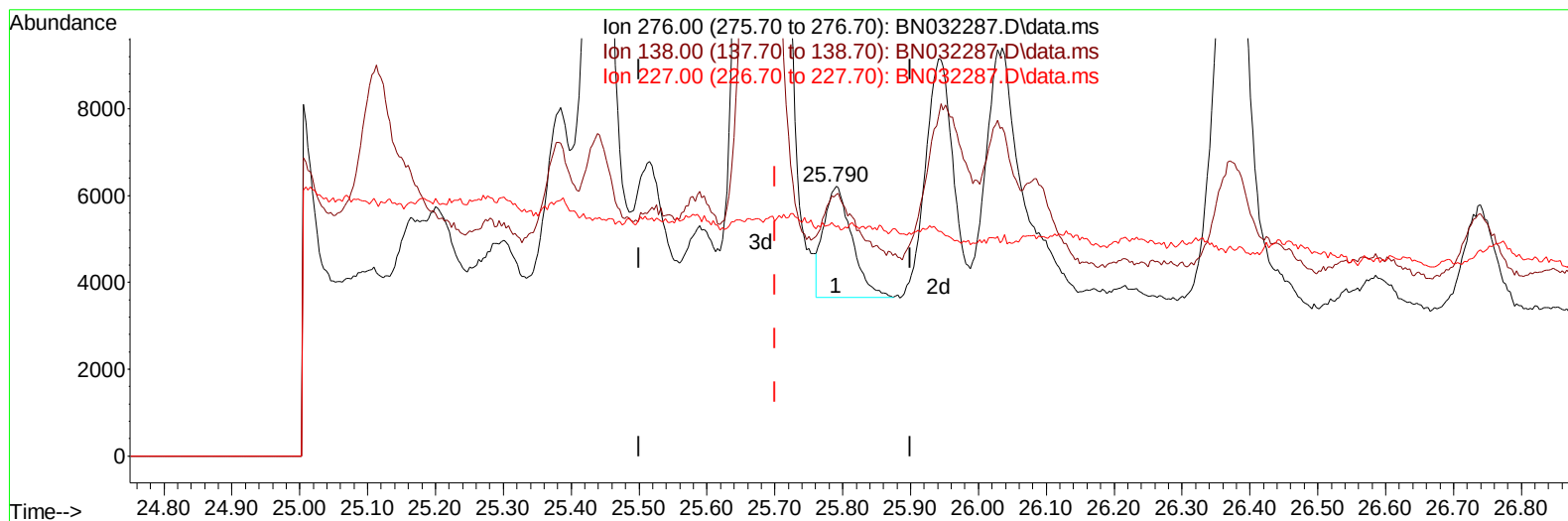
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032287.D
Acq On : 27 Jun 2024 19:29
Operator : MA/JU
Sample : P2909-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B76

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:23 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: BN032287.D\data.ms

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

25.790min (+ 0.090) 0.08 ng/u1

response 7438

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	60.98#
227.00	0.10	0.00#
0.00	0.00	0.00

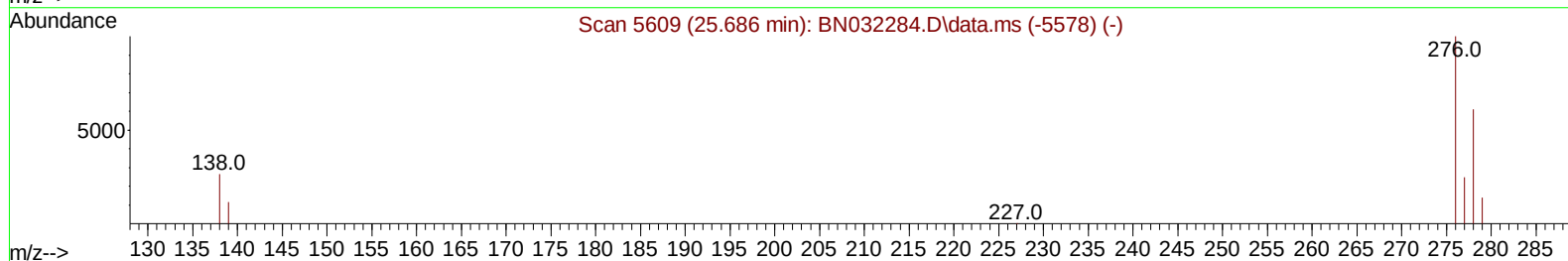
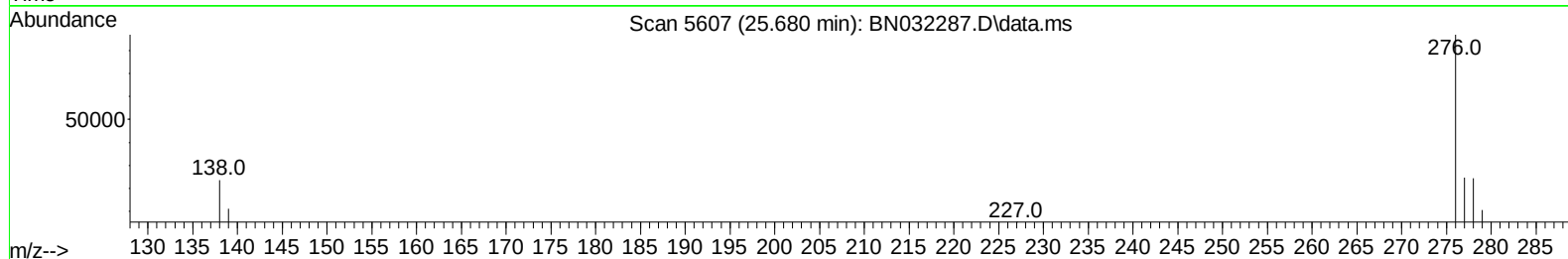
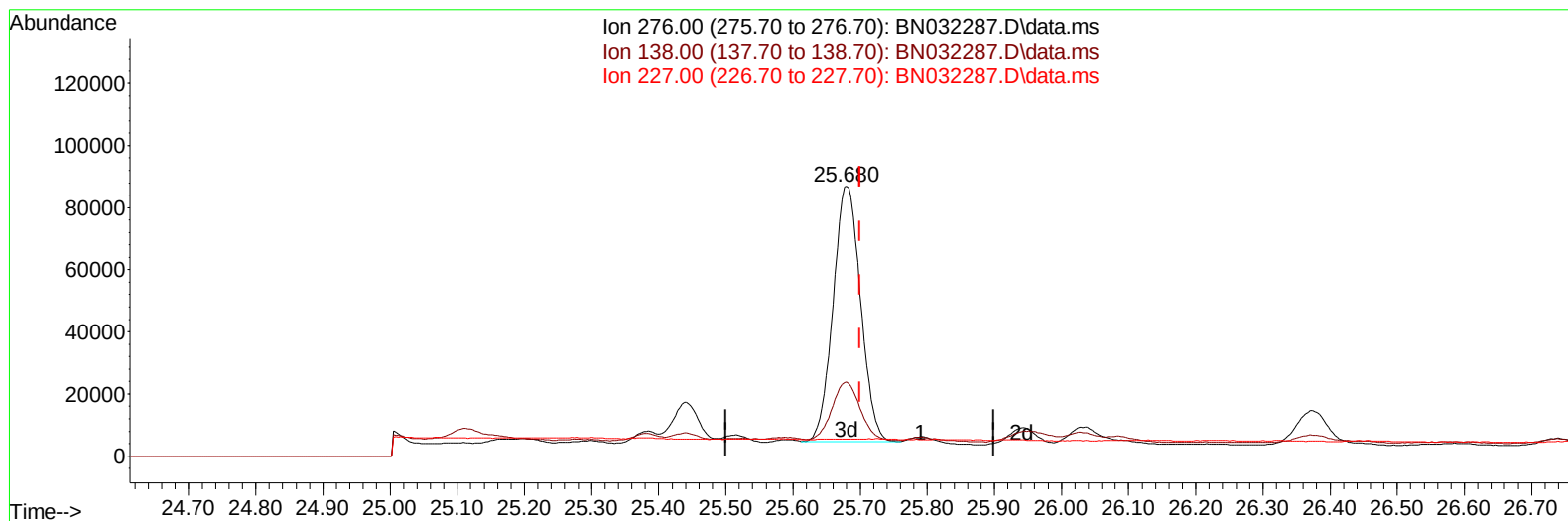
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032287.D
Acq On : 27 Jun 2024 19:29
Operator : MA/JU
Sample : P2909-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B76

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TIC: BN032287.D\data.ms

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

25.680min (-0.020) 2.46 ng/ul m

response 233801

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	1.94#
227.00	0.10	0.00#
0.00	0.00	0.00

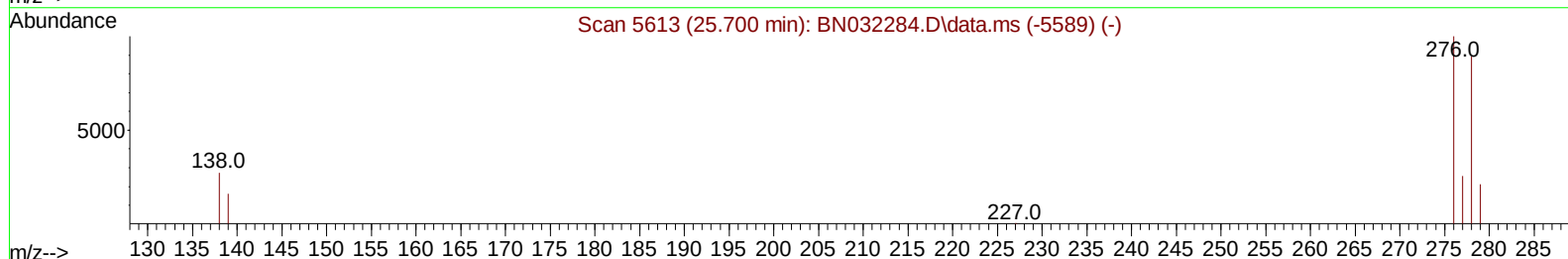
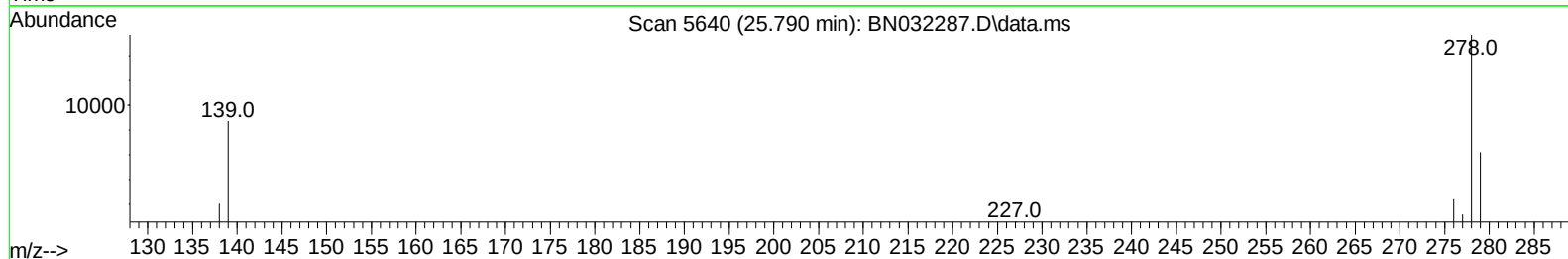
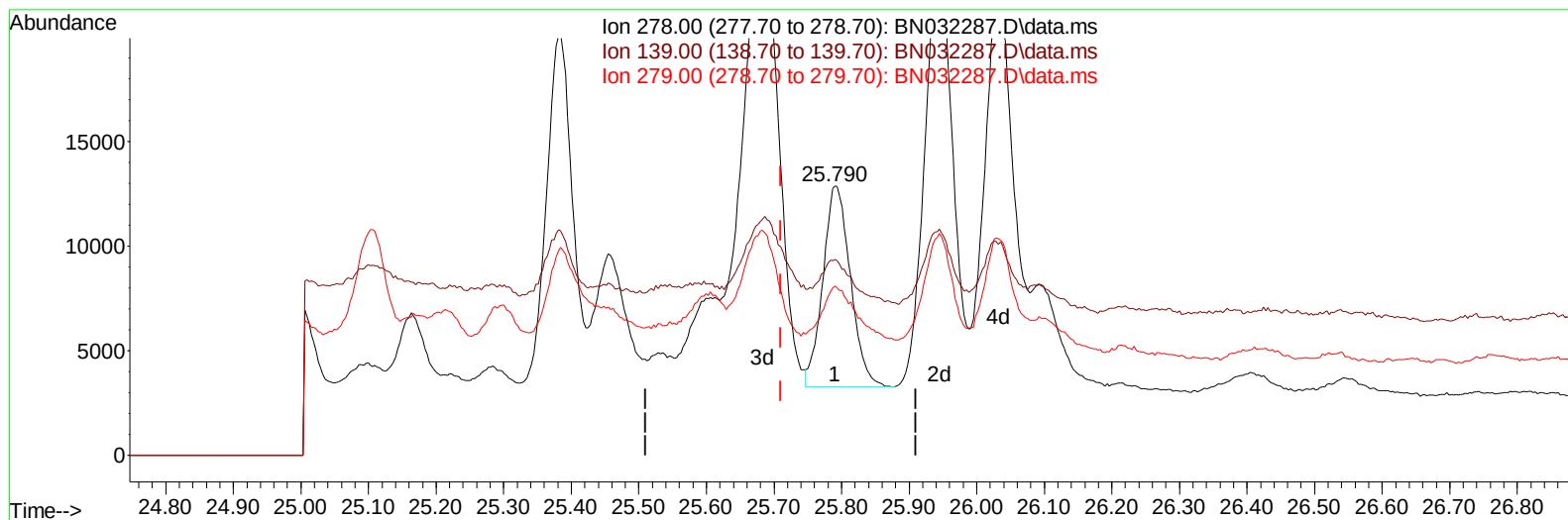
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032287.D
Acq On : 27 Jun 2024 19:29
Operator : MA/JU
Sample : P2909-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B76

Manual IntegrationsAPPROVED

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TIC: BN032287.D\data.ms

(28) Dibenzo(a,h)anthracene

25.790min (+ 0.080) 0.38 ng/u1

response 27036

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	72.80#
279.00	26.40	62.93#
0.00	0.00	0.00

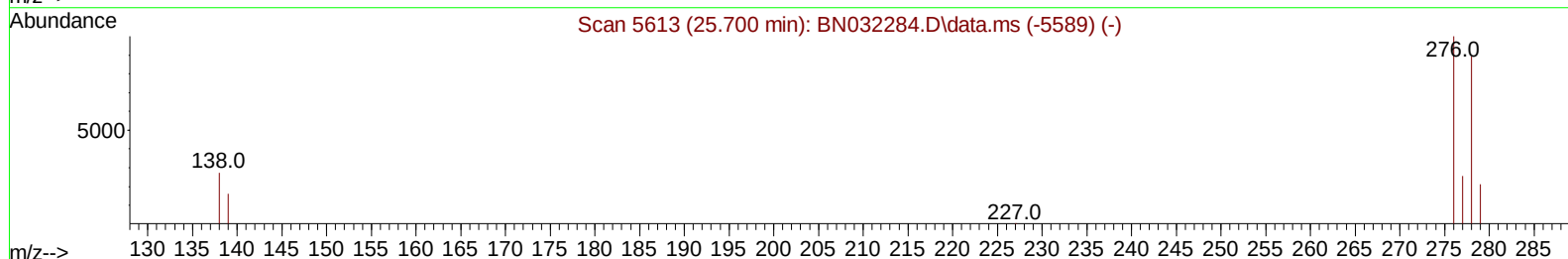
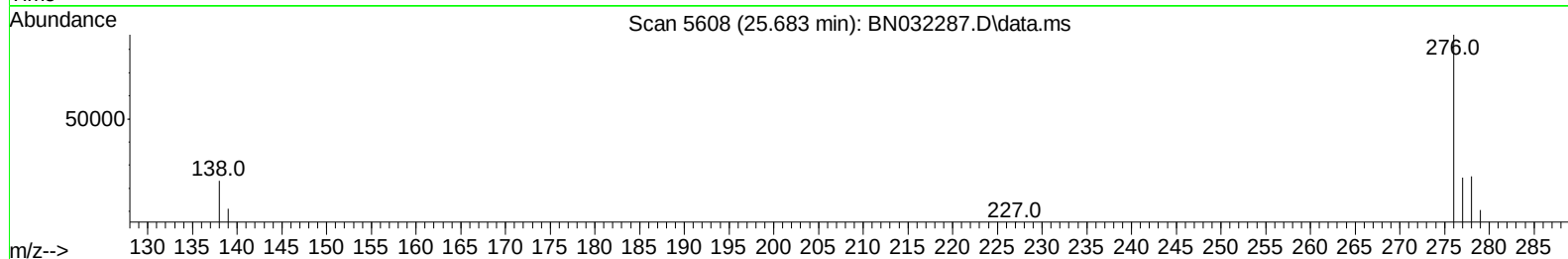
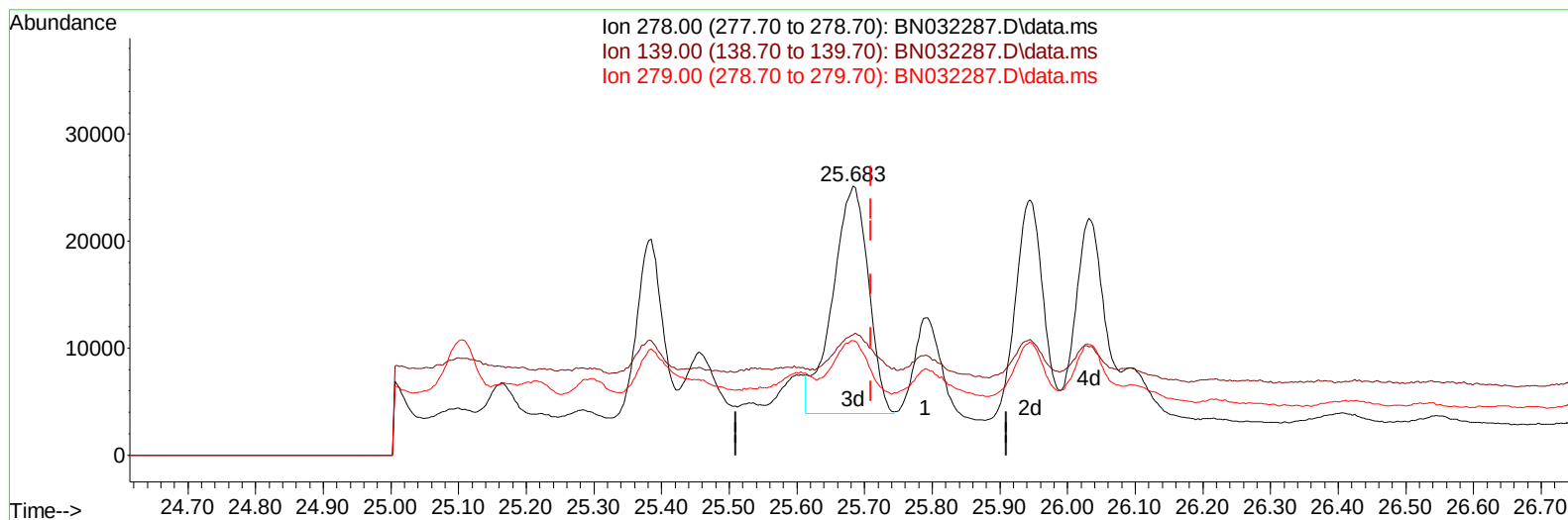
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
 Data File : BN032287.D
 Acq On : 27 Jun 2024 19:29
 Operator : MA/JU
 Sample : P2909-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B76

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 06/28/2024



TIC: BN032287.D\data.ms

(28) Dibenzo(a,h)anthracene

25.683min (-0.027) 1.10 ng/ul m

response 77977

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	44.75#
279.00	26.40	42.68#
0.00	0.00	0.00

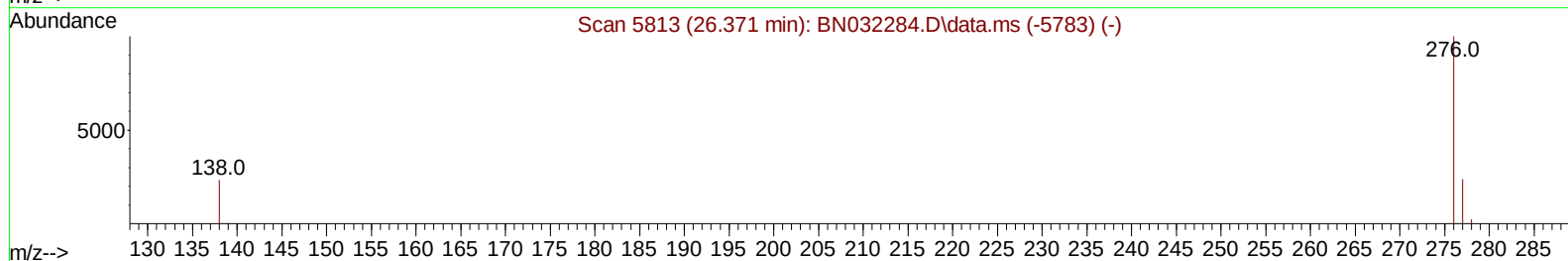
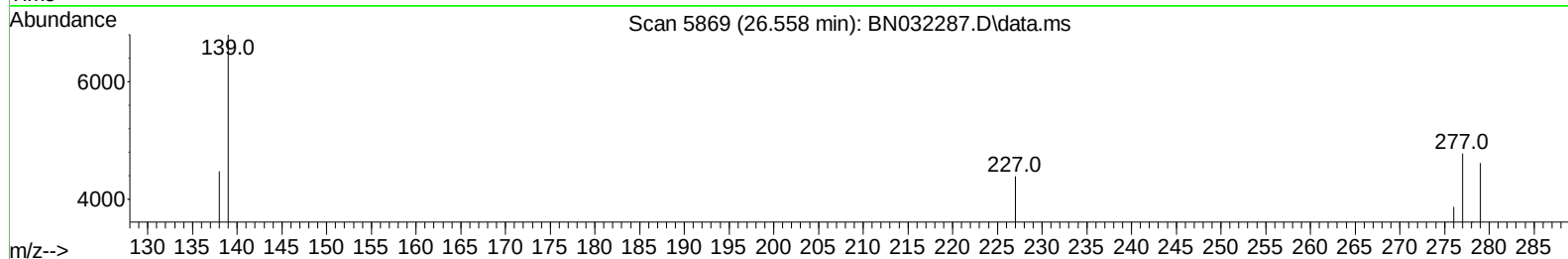
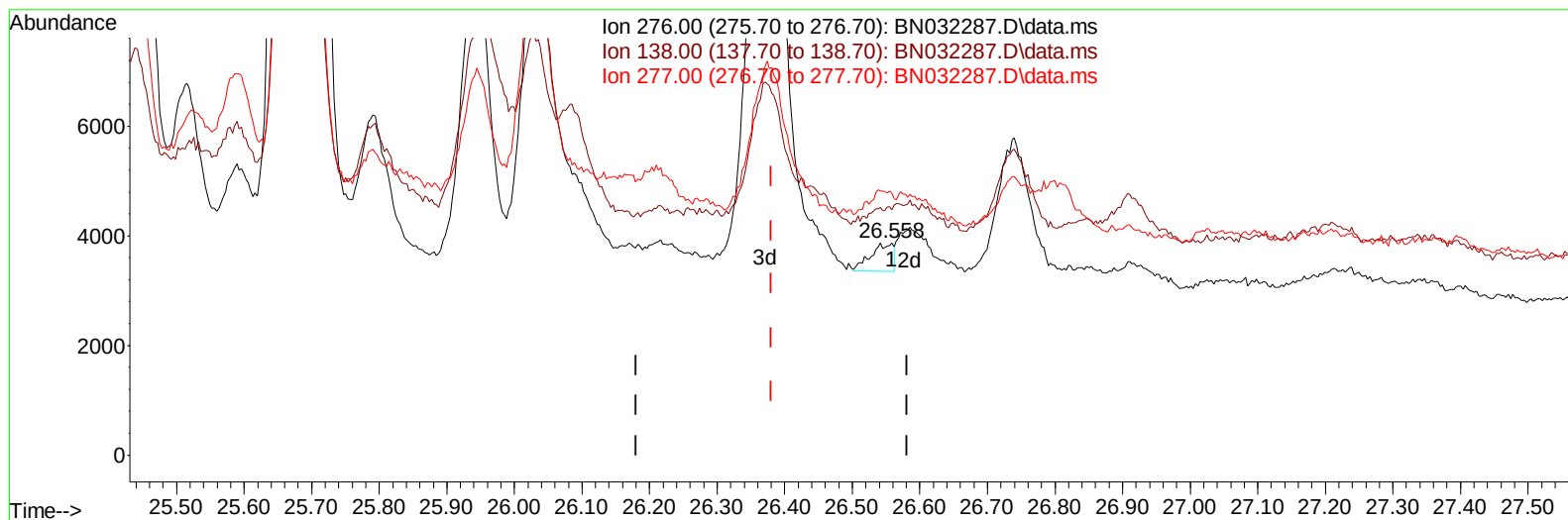
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032287.D
Acq On : 27 Jun 2024 19:29
Operator : MA/JU
Sample : P2909-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B76

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TIC: BN032287.D\data.ms

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

26.558min (+ 0.178) 0.02 ng/u1

response 1180

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	115.51#
277.00	24.70	123.55#
0.00	0.00	0.00

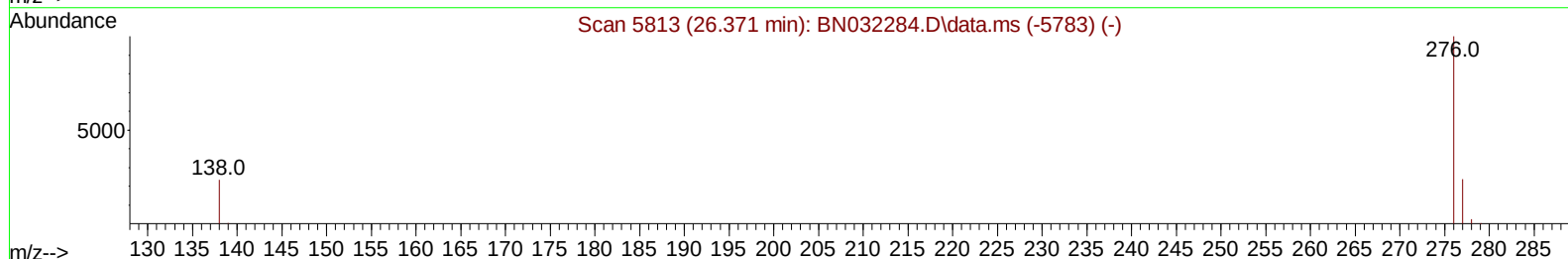
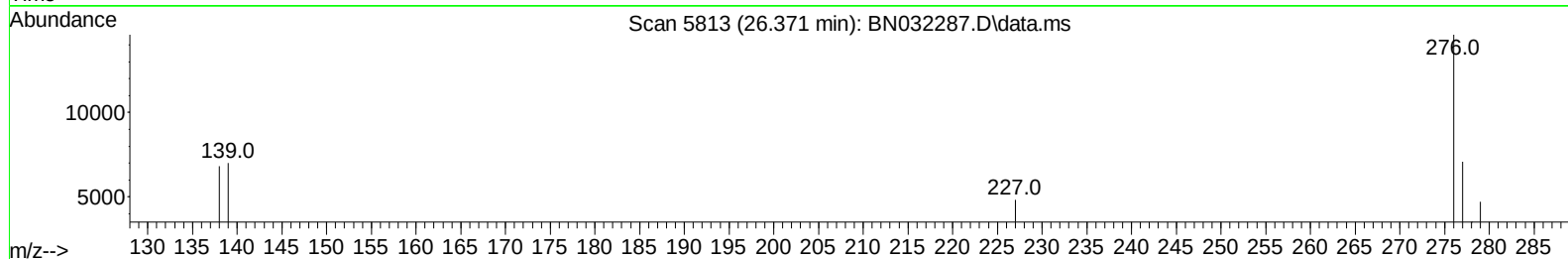
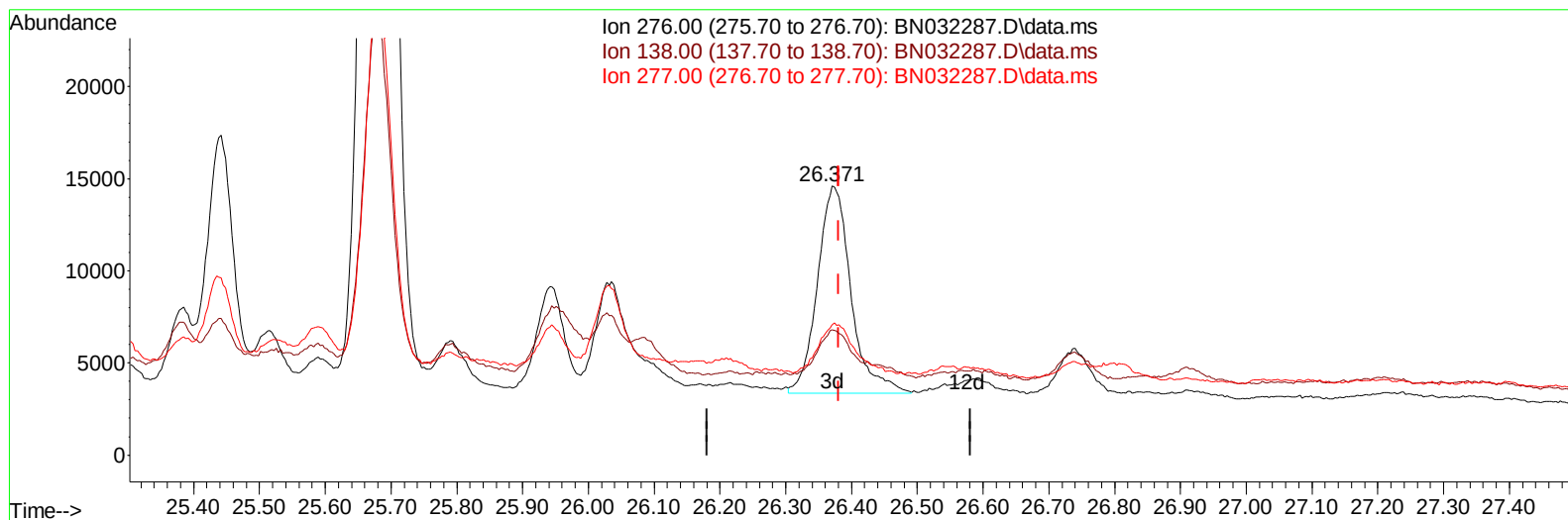
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032287.D
Acq On : 27 Jun 2024 19:29
Operator : MA/JU
Sample : P2909-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B76

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 06/28/2024



TIC: BN032287.D\data.ms

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

26.371min (-0.010) 0.53 ng/ul m

response 39962

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	46.63#
277.00	24.70	48.51#
0.00	0.00	0.00

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 Operator : MA/JU
 Sample : P2909-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B76

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	8734	0.400	ng/ul	0.00
4) Naphthalene-d8	10.393	136	25336	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.262	164	13479	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.016	188	24889m	0.400	ng/ul	0.00
17) Chrysene-d12	21.217	240	16201m	0.400	ng/ul	0.00
23) Perylene-d12	23.438	264	20090m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	37387	3.851	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	10106	0.266	ng/ul	0.00
18) Fluoranthene-d10	19.050	212	18434m	0.378	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.442	128	11248	0.168	ng/ul	98
7) 2-Methylnaphthalene	12.065	142	5365	0.121	ng/ul	98
8) 1-Methylnaphthalene	12.285	142	2852	0.062	ng/ul	97
10) Acenaphthylene	13.985	152	104888	1.871	ng/ul	99
11) Acenaphthene	14.327	153	7179	0.165	ng/ul	95
12) Fluorene	15.317	166	18890	0.364	ng/ul#	96
15) Phenanthrene	17.058	178	300077m	4.398	ng/ul	
16) Anthracene	17.151	178	93744m	1.540	ng/ul	
19) Fluoranthene	19.083	202	568405m	9.214	ng/ul	
20) Pyrene	19.450	202	497298m	7.714	ng/ul	
21) Benzo(a)anthracene	21.200	228	262624m	4.491	ng/ul	
22) Chrysene	21.252	228	316925m	4.938	ng/ul	
24) Benzo(b)fluoranthene	22.772	252	498607m	5.713	ng/ul	
25) Benzo(k)fluoranthene	22.810	252	160324m	1.891	ng/ul	
26) Benzo(a)pyrene	23.342	252	232679m	3.831	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.680	276	233801m	2.459	ng/ul	
28) Dibenzo(a,h)anthracene	25.683	278	77977m	1.104	ng/ul	
29) Benzo(g,h,i)perylene	26.371	276	39962m	0.528	ng/ul	

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

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Instrument :
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