

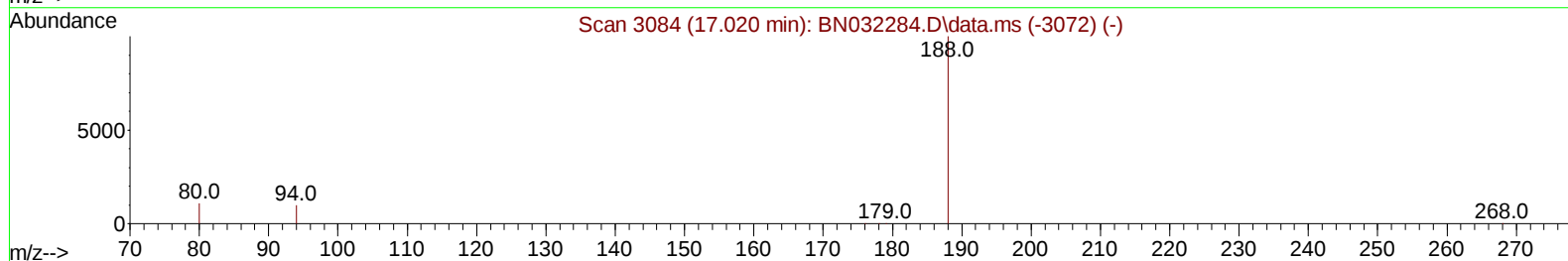
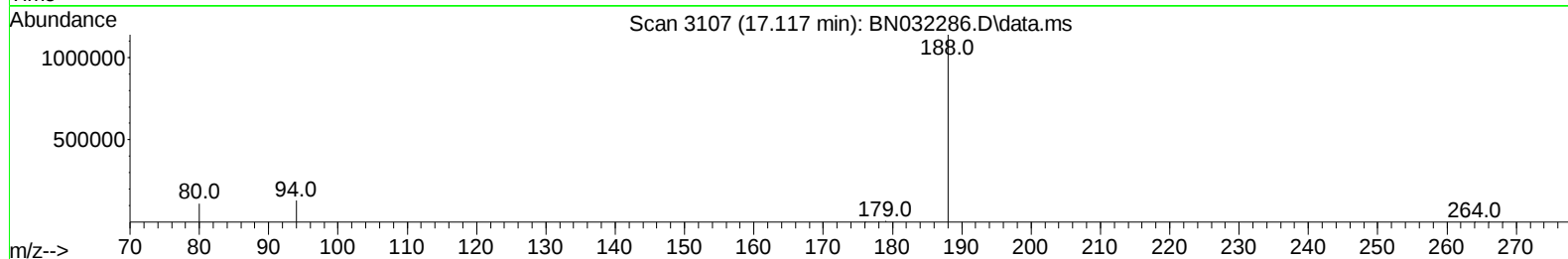
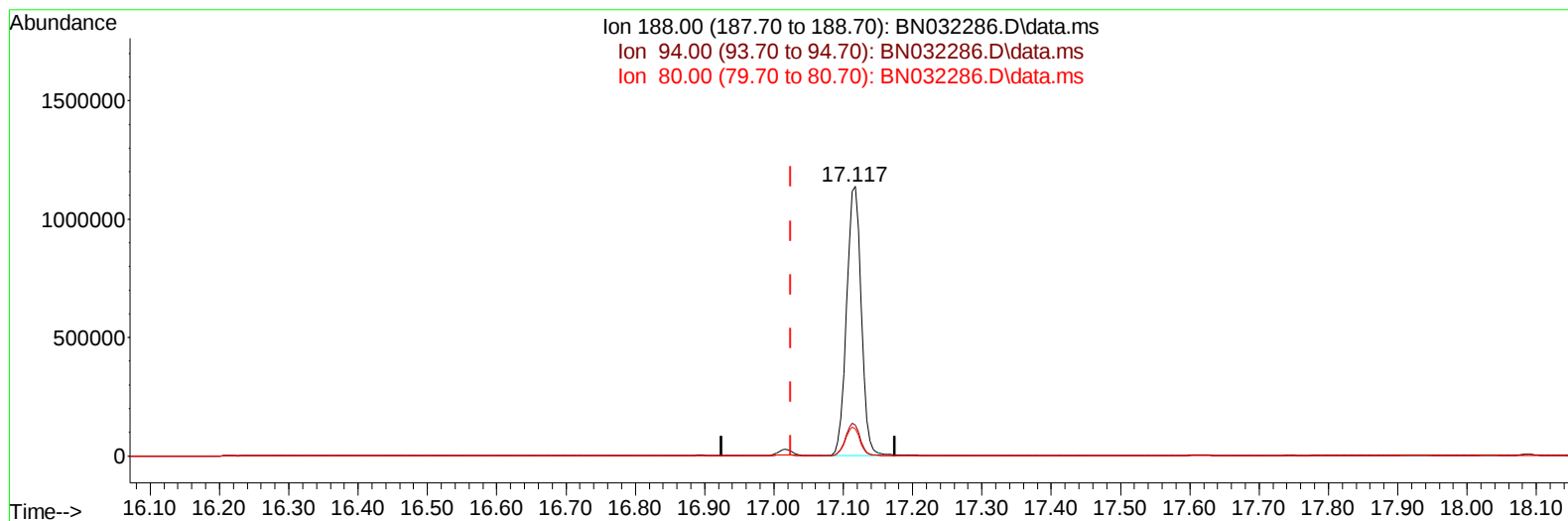
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032286.D
Acq On : 27 Jun 2024 18:52
Operator : MA/JU
Sample : P2909-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B75

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:12 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: BN032286.D\data.ms

(13) Phenanthrene-d10 (I)

17.117min (+ 0.093) 0.40 ng/u1

response 1667858

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.44
80.00	10.50	9.97
0.00	0.00	0.00

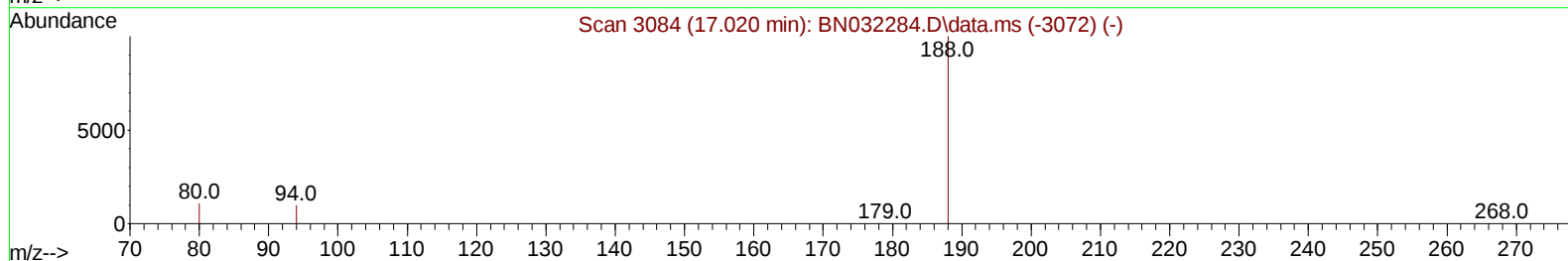
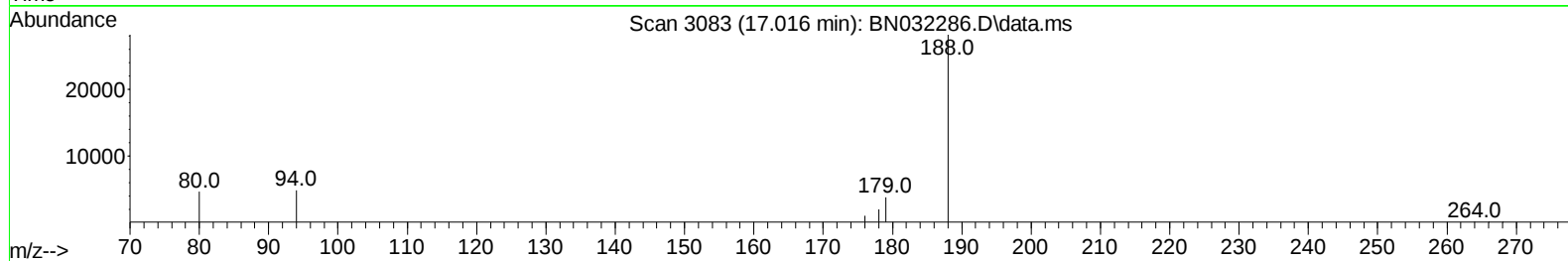
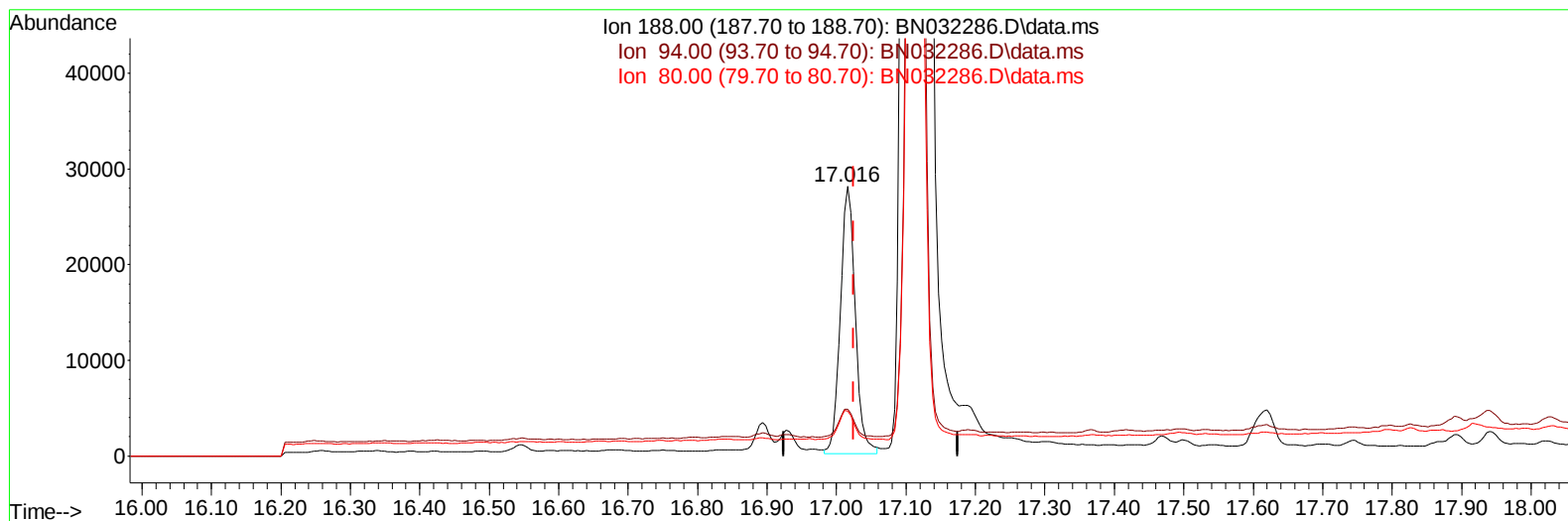
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032286.D
Acq On : 27 Jun 2024 18:52
Operator : MA/JU
Sample : P2909-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B75

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:12 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: BN032286.D\data.ms

(13) Phenanthrene-d10 (I)

17.016min (-0.009) 0.40 ng/u1 m

response 41606

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	17.30#
80.00	10.50	16.64#
0.00	0.00	0.00

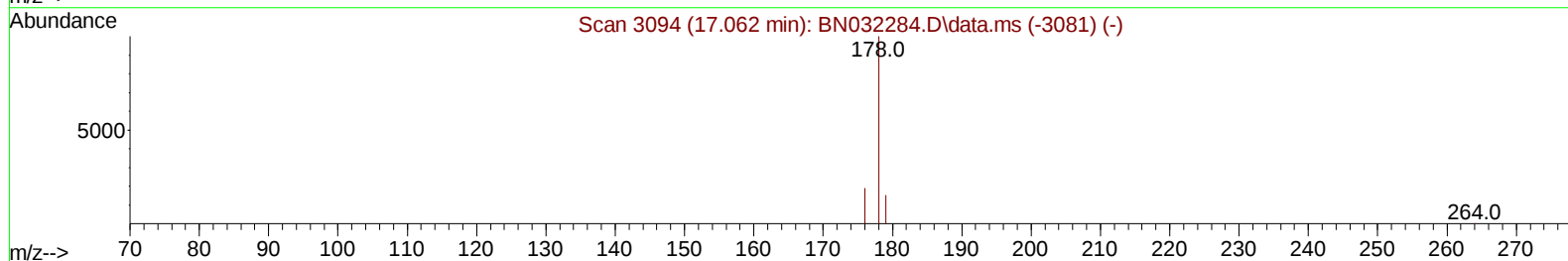
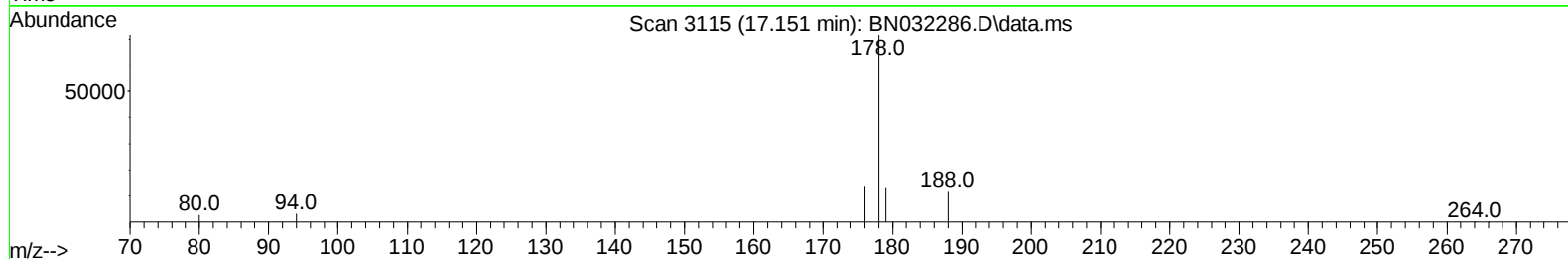
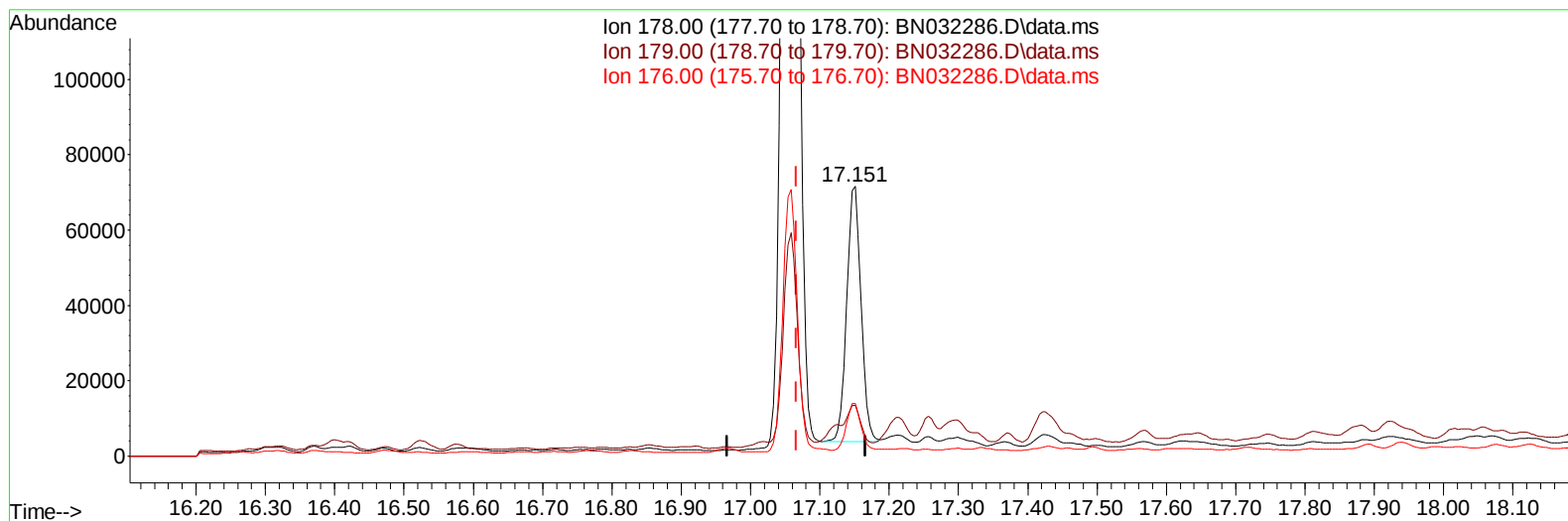
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032286.D
Acq On : 27 Jun 2024 18:52
Operator : MA/JU
Sample : P2909-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B75

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:12 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: BN032286.D\data.ms

(15) Phenanthrene

17.151min (+ 0.084) 0.86 ng/u1

response 97713

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	18.72
176.00	19.50	19.42
0.00	0.00	0.00

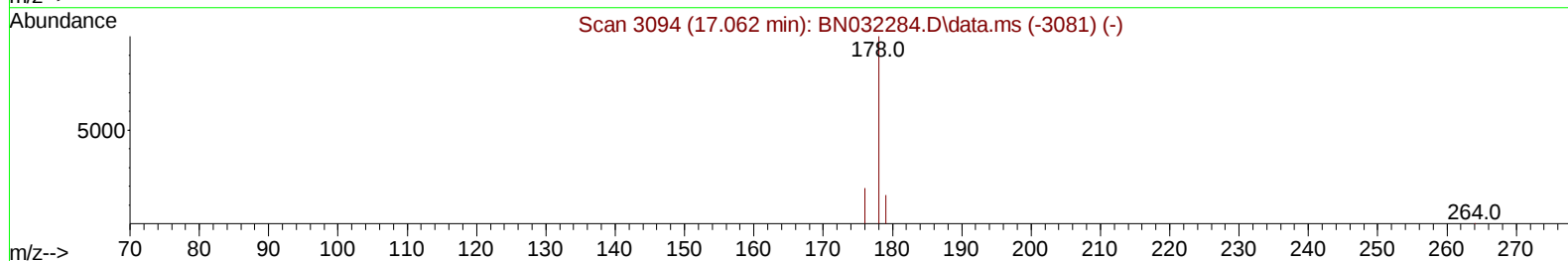
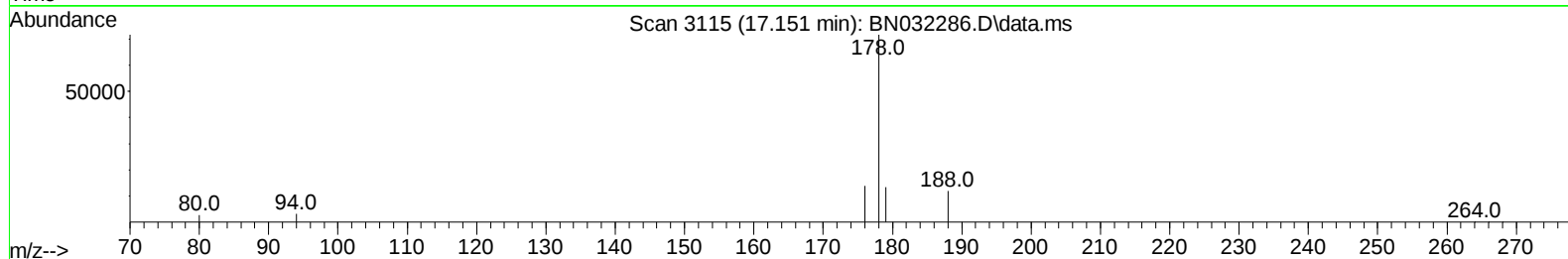
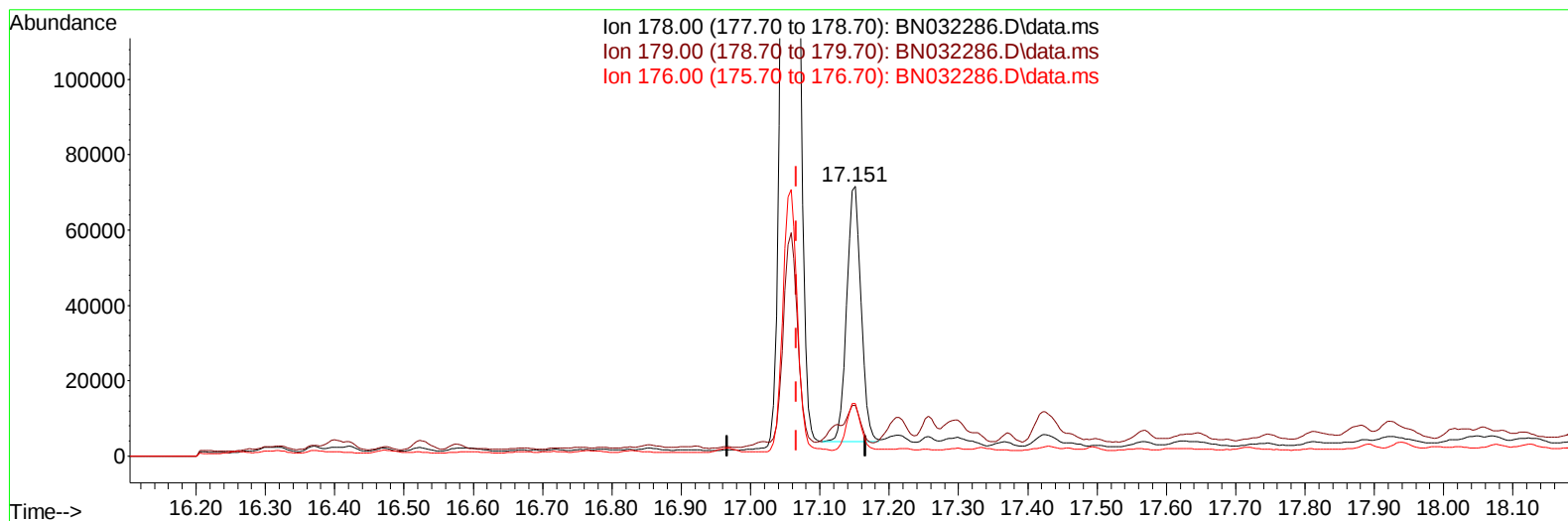
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032286.D
Acq On : 27 Jun 2024 18:52
Operator : MA/JU
Sample : P2909-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B75

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:12 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: BN032286.D\data.ms

(15) Phenanthrene

17.151min (+ 0.084) 0.86 ng/u1

response 97713

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	18.72
176.00	19.50	19.42
0.00	0.00	0.00

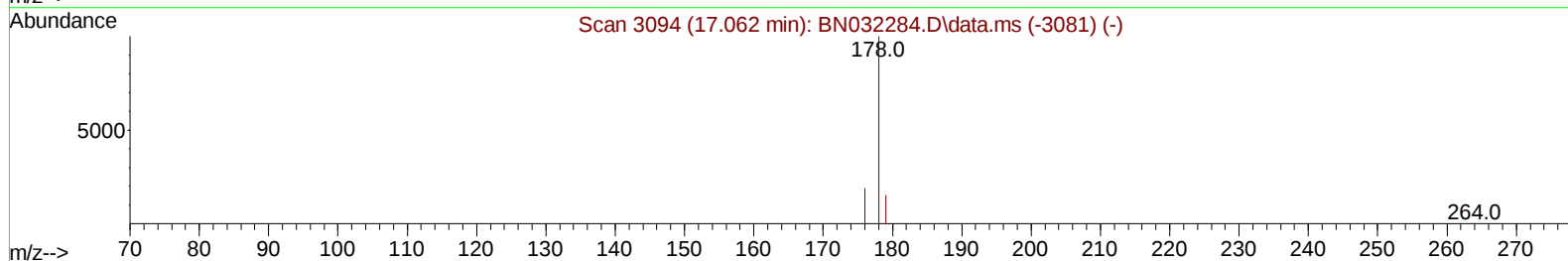
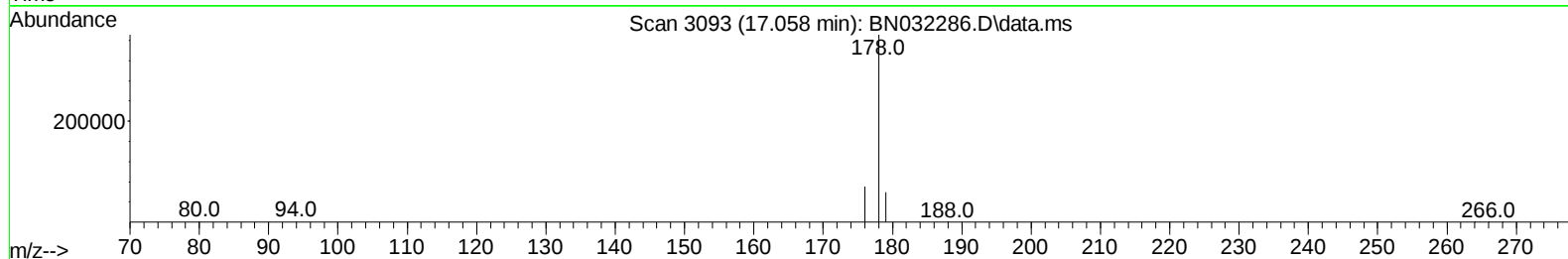
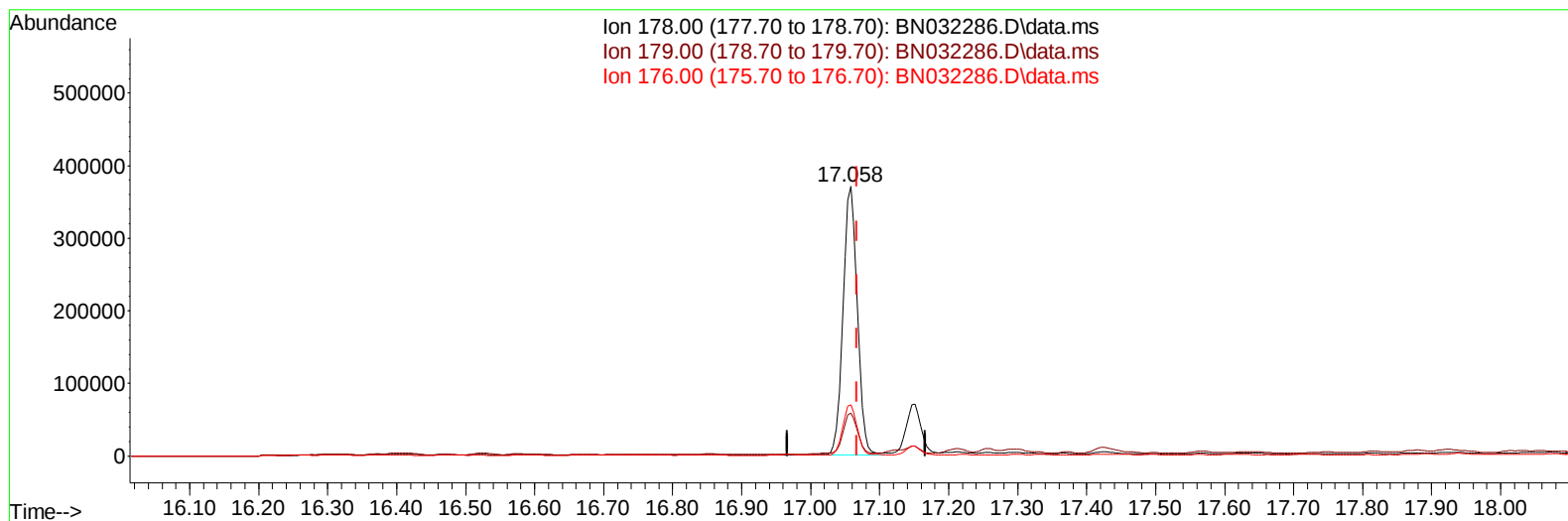
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032286.D
Acq On : 27 Jun 2024 18:52
Operator : MA/JU
Sample : P2909-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B75

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:12 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: BN032286.D\data.ms

(15) Phenanthrene

17.058min (-0.009) 4.67 ng/u1 m

response 533031

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.99
176.00	19.50	19.08
0.00	0.00	0.00

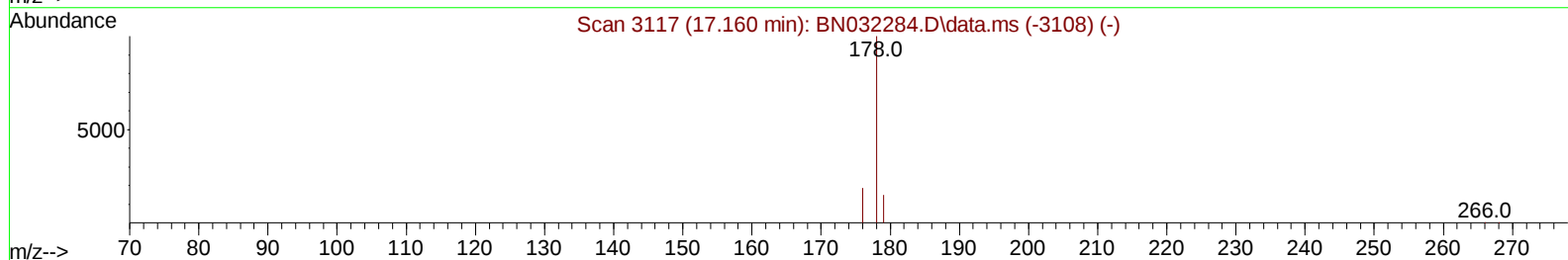
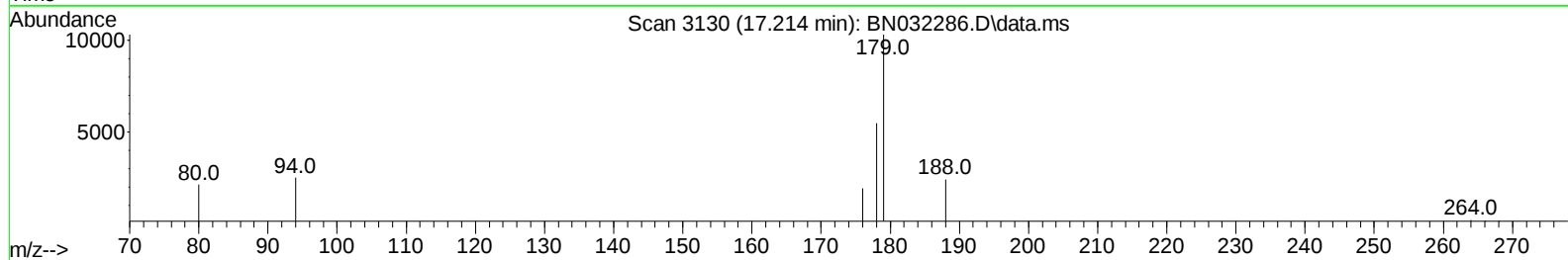
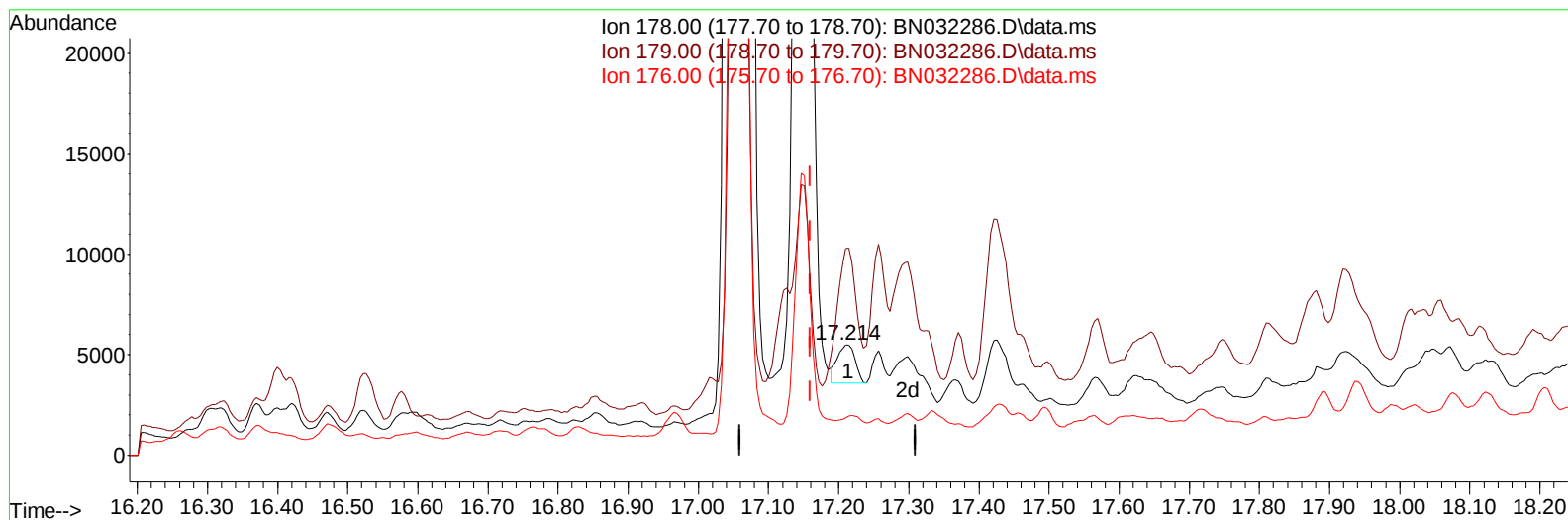
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032286.D
Acq On : 27 Jun 2024 18:52
Operator : MA/JU
Sample : P2909-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B75

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:12 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: BN032286.D\data.ms

(16) Anthracene

17.214min (+ 0.055) 0.03 ng/u1

response 3349

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	187.59#
176.00	18.80	35.20#
0.00	0.00	0.00

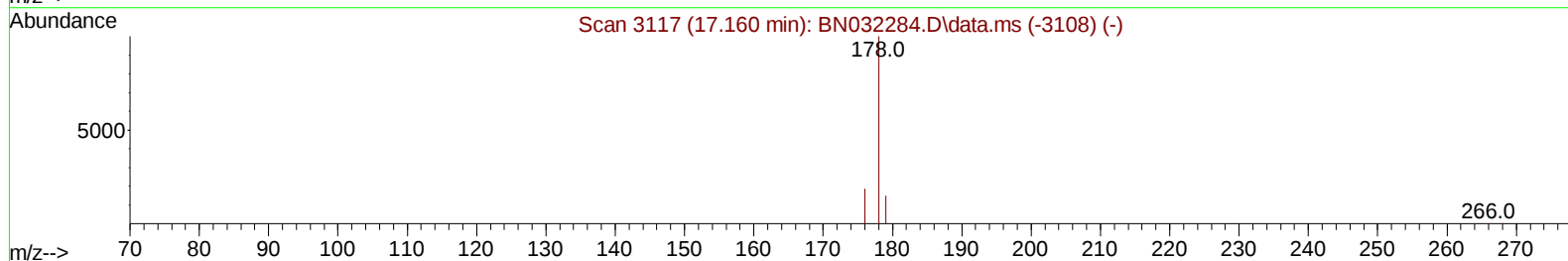
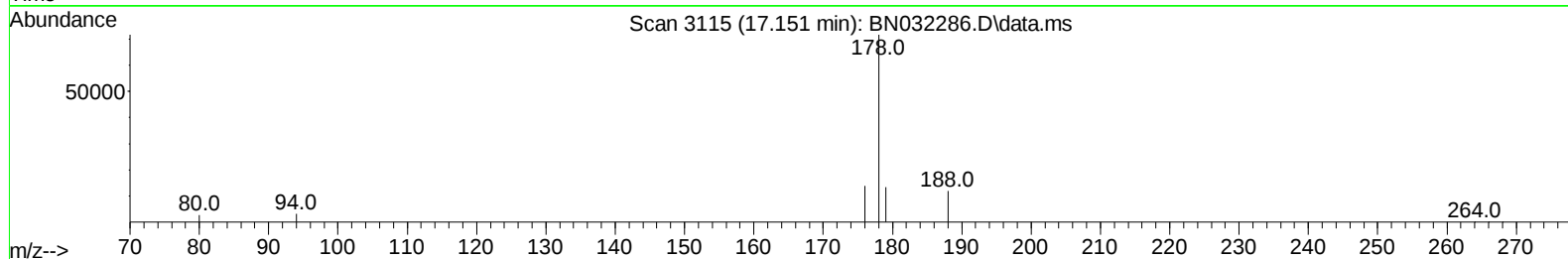
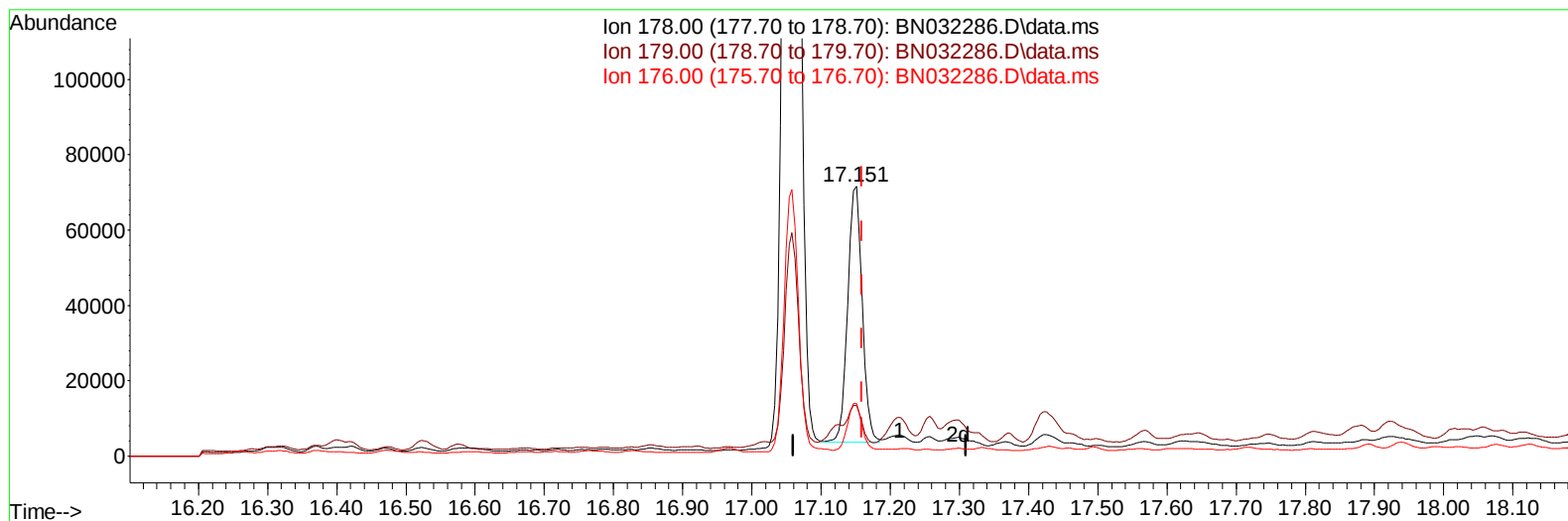
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032286.D
Acq On : 27 Jun 2024 18:52
Operator : MA/JU
Sample : P2909-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B75

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:12 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: BN032286.D\data.ms

(16) Anthracene

17.151min (-0.009) 0.97 ng/u1 m

response 98756

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	18.72#
176.00	18.80	19.42
0.00	0.00	0.00

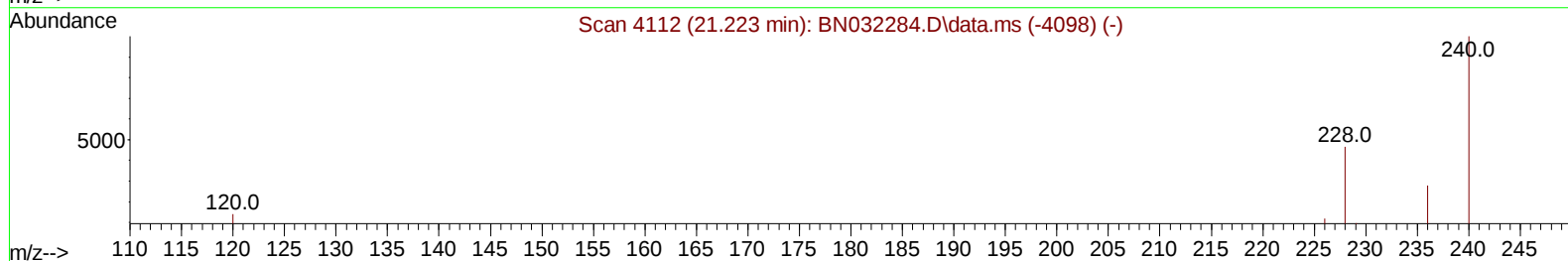
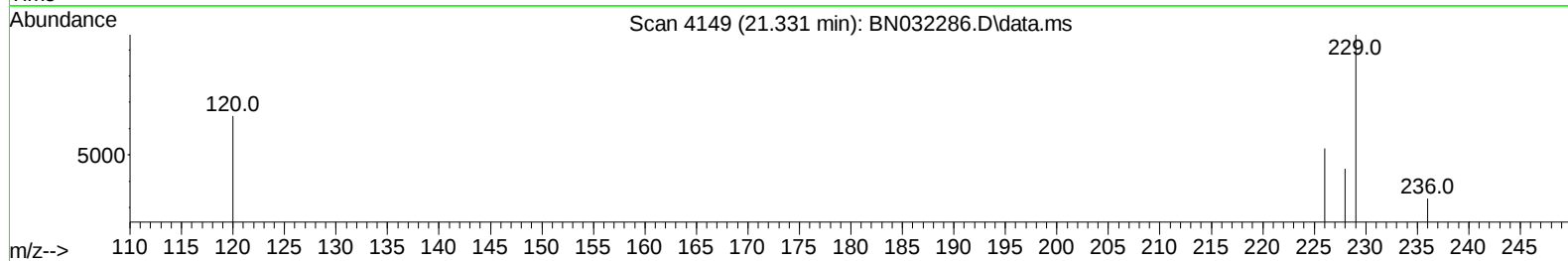
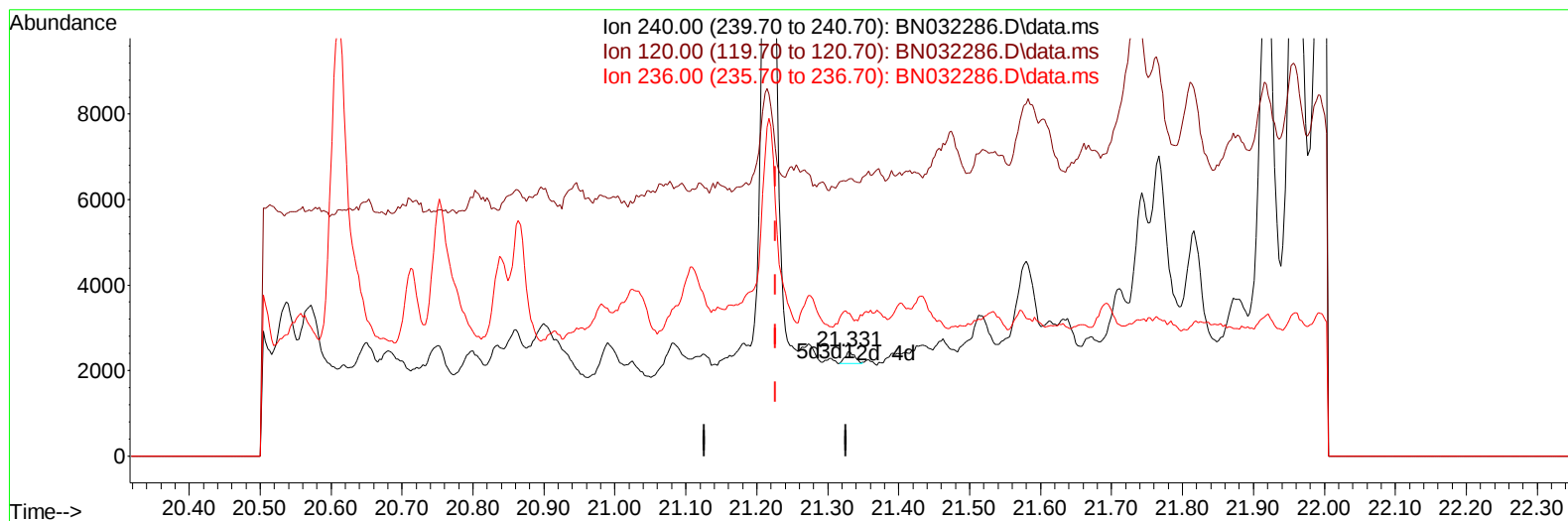
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032286.D
Acq On : 27 Jun 2024 18:52
Operator : MA/JU
Sample : P2909-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B75

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:12 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: BN032286.D\data.ms

(17) Chrysene-d12

21.331min (+ 0.105) 0.40 ng/u1

response 258

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	265.14#
236.00	28.40	136.74#
0.00	0.00	0.00

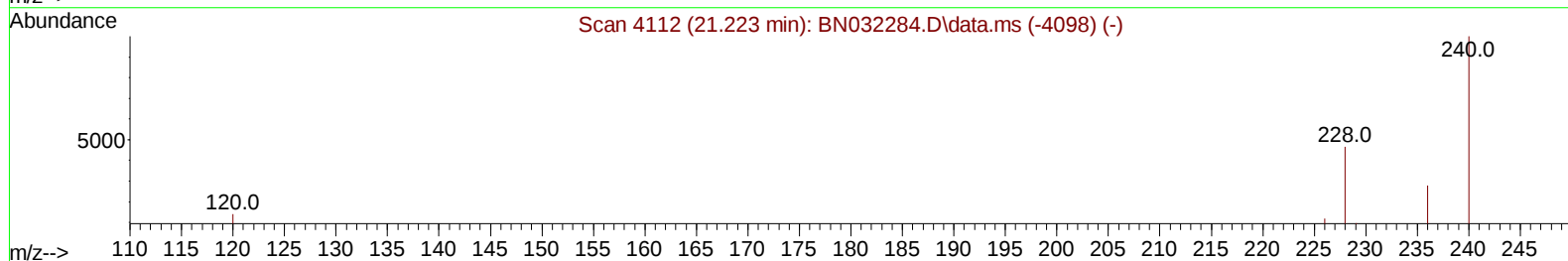
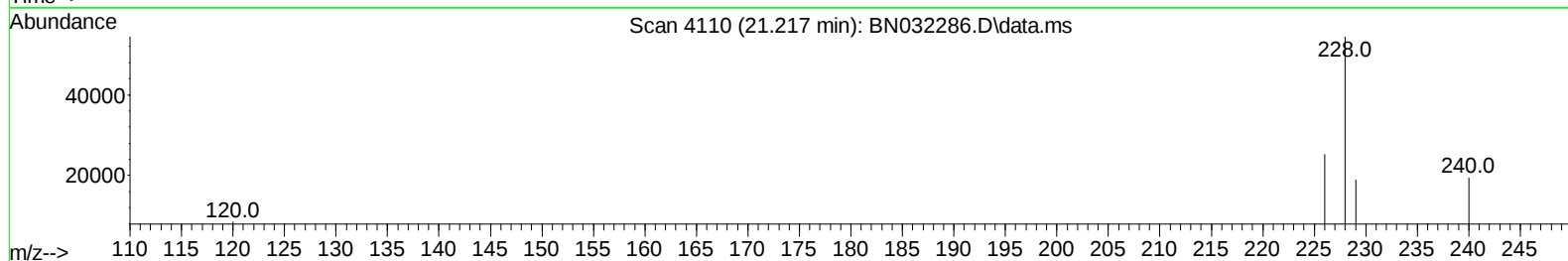
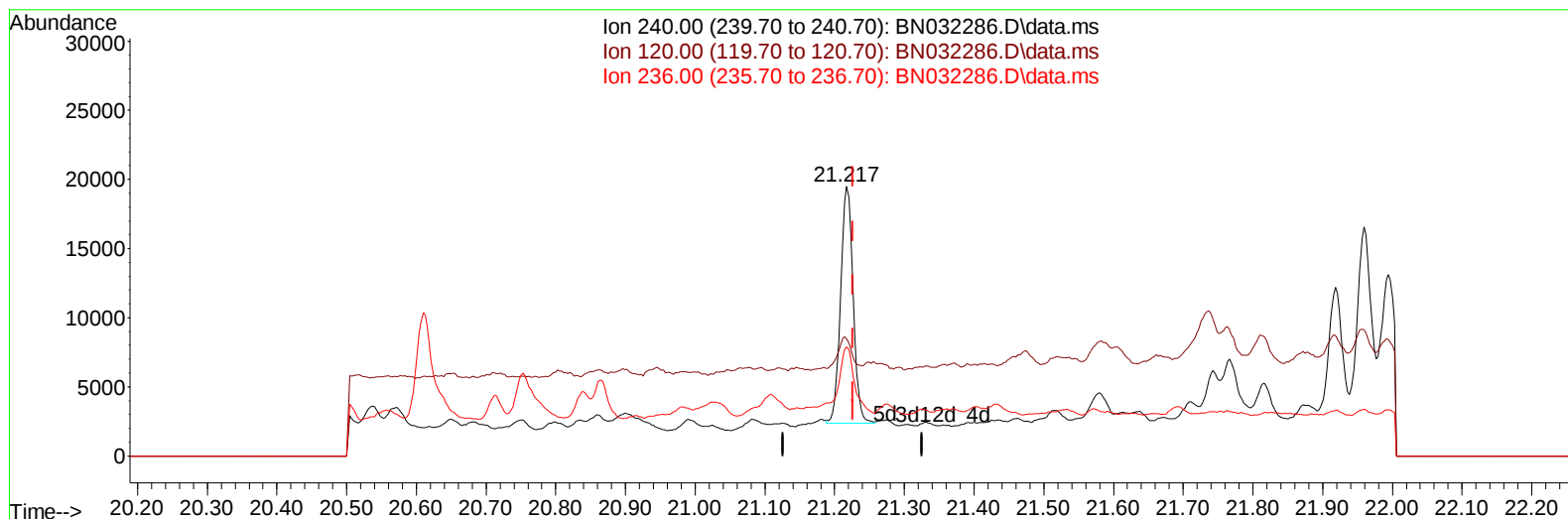
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032286.D
Acq On : 27 Jun 2024 18:52
Operator : MA/JU
Sample : P2909-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B75

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:12 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: BN032286.D\data.ms

(17) Chrysene-d12

21.217min (-0.009) 0.40 ng/ul m

response 21476

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	43.46#
236.00	28.40	40.56#
0.00	0.00	0.00

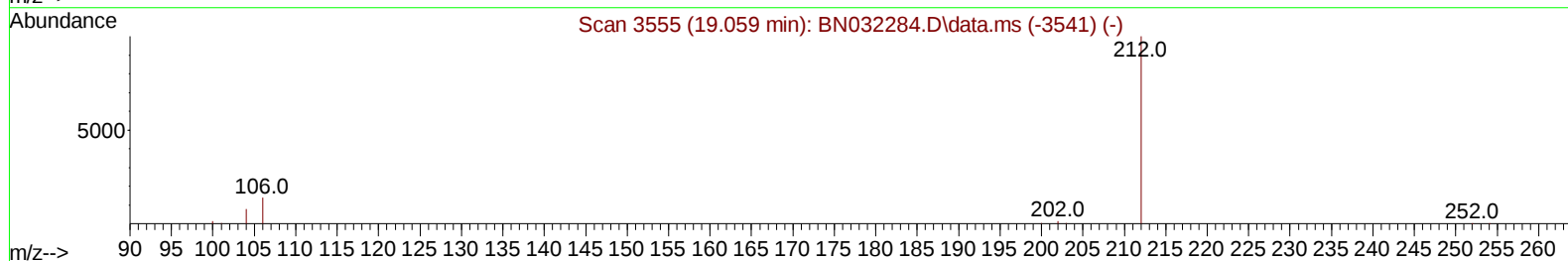
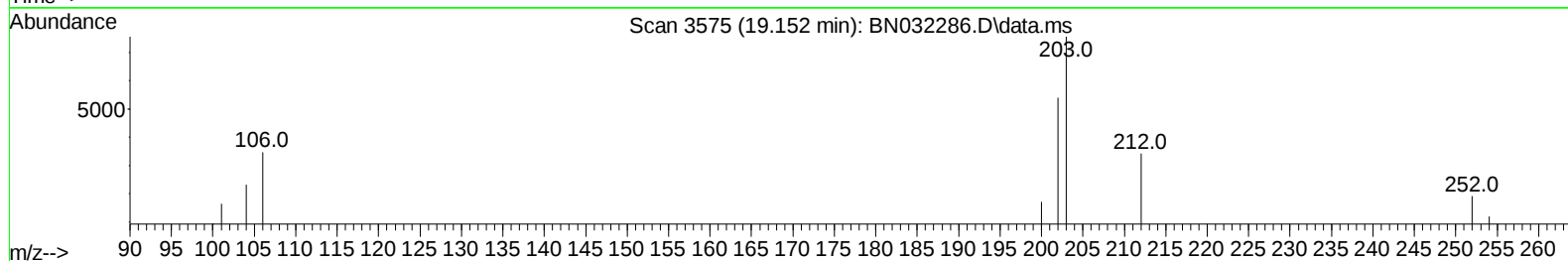
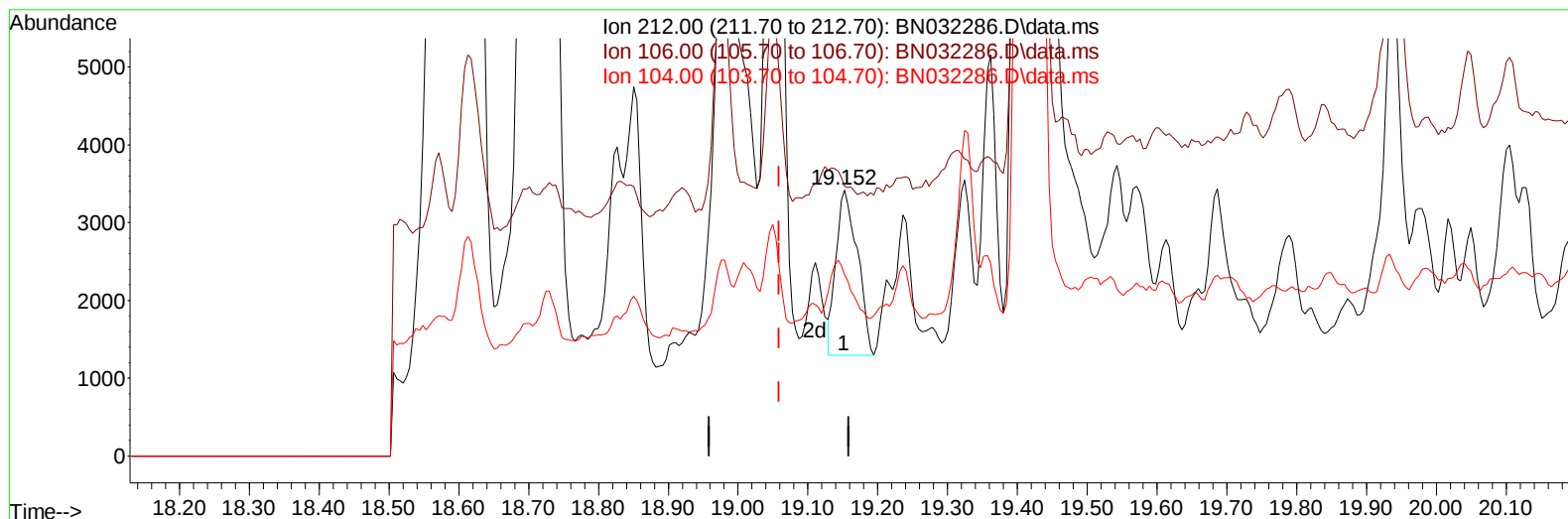
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032286.D
Acq On : 27 Jun 2024 18:52
Operator : MA/JU
Sample : P2909-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B75

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:12 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: BN032286.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.152min (+ 0.093) 0.07 ng/u1

response 4528

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	0.00#
104.00	8.40	34.47#
0.00	0.00	0.00

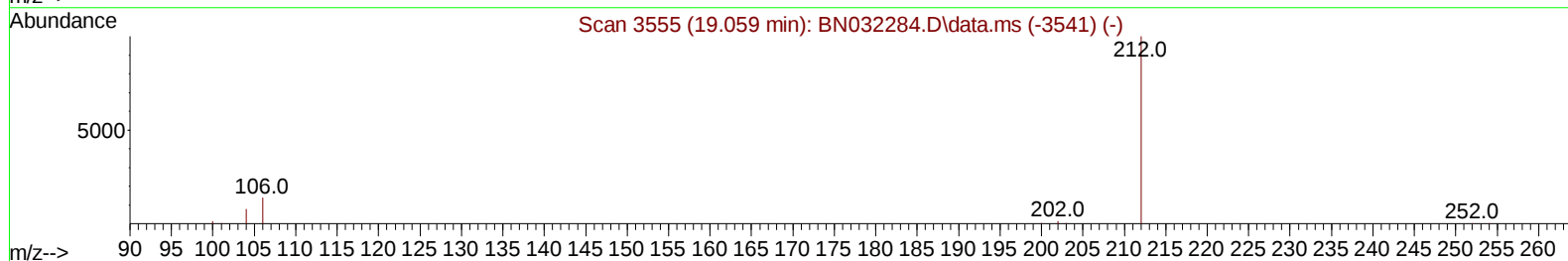
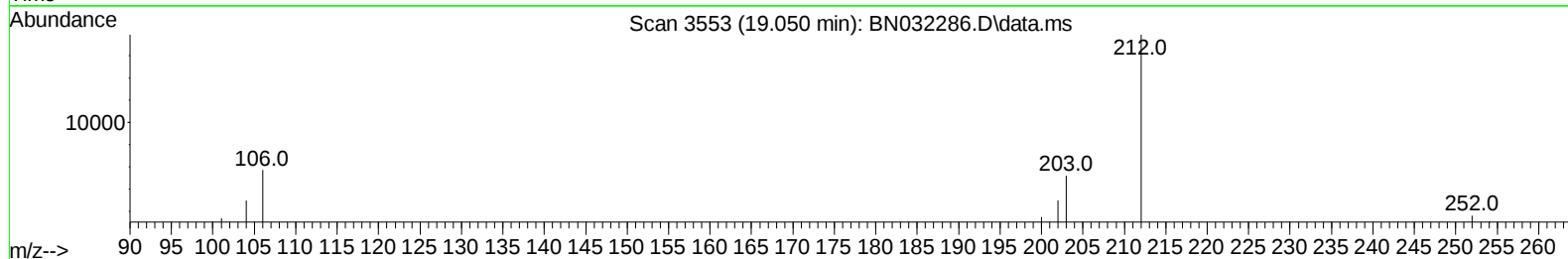
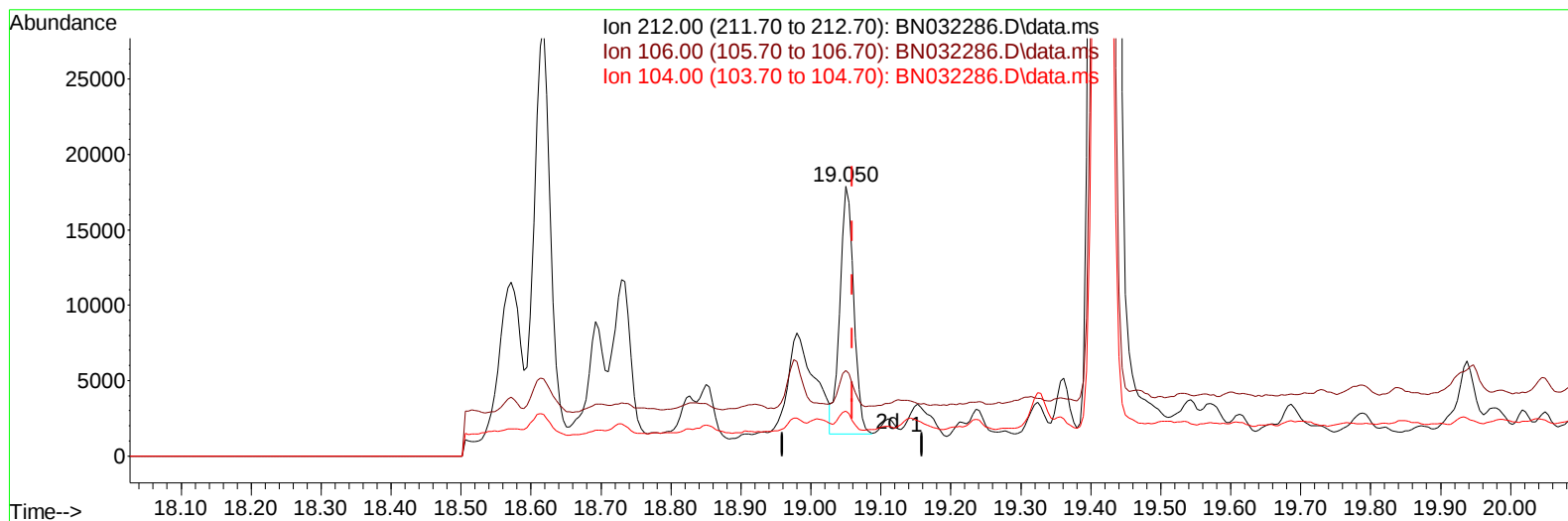
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032286.D
Acq On : 27 Jun 2024 18:52
Operator : MA/JU
Sample : P2909-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B75

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:12 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: BN032286.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.050min (-0.009) 0.35 ng/u1 m

response 22723

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	0.00#
104.00	8.40	6.87
0.00	0.00	0.00

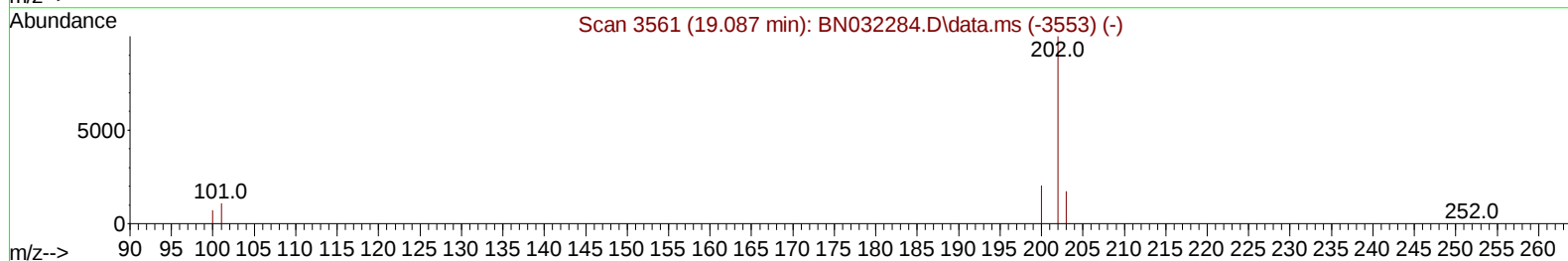
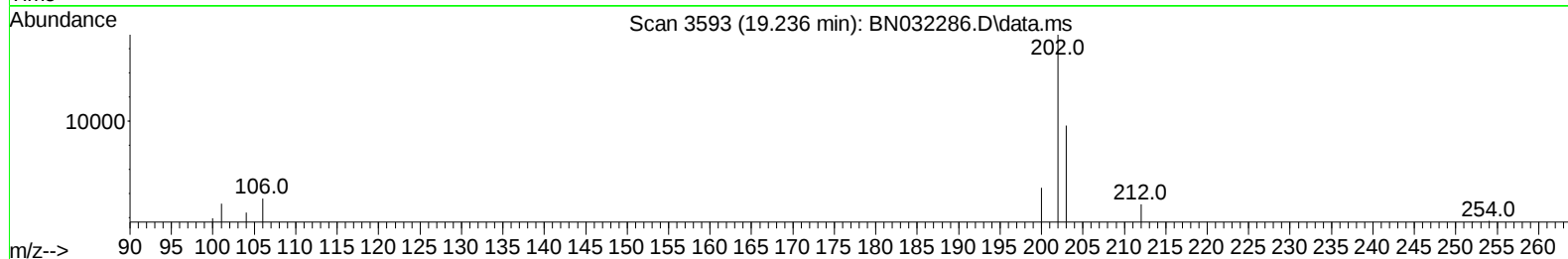
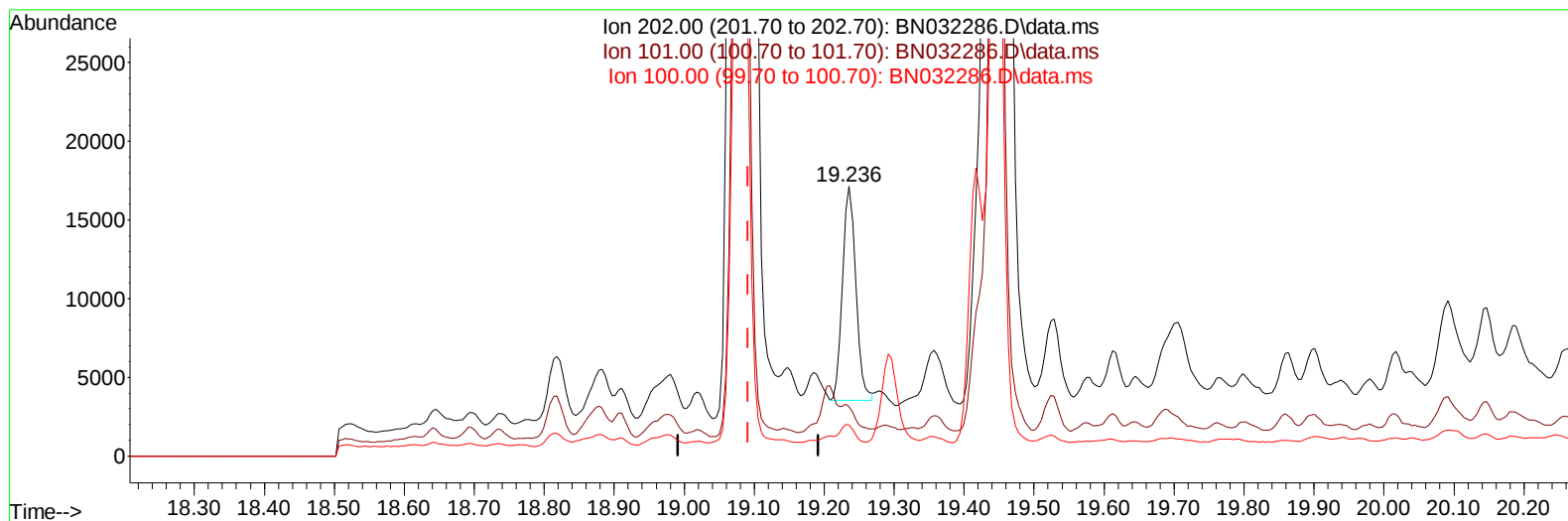
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032286.D
Acq On : 27 Jun 2024 18:52
Operator : MA/JU
Sample : P2909-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B75

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:12 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: BN032286.D\data.ms

(19) Fluoranthene (C)

19.236min (+ 0.144) 0.22 ng/u1

response 17901

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	18.40#
100.00	8.00	11.39#
0.00	0.00	0.00

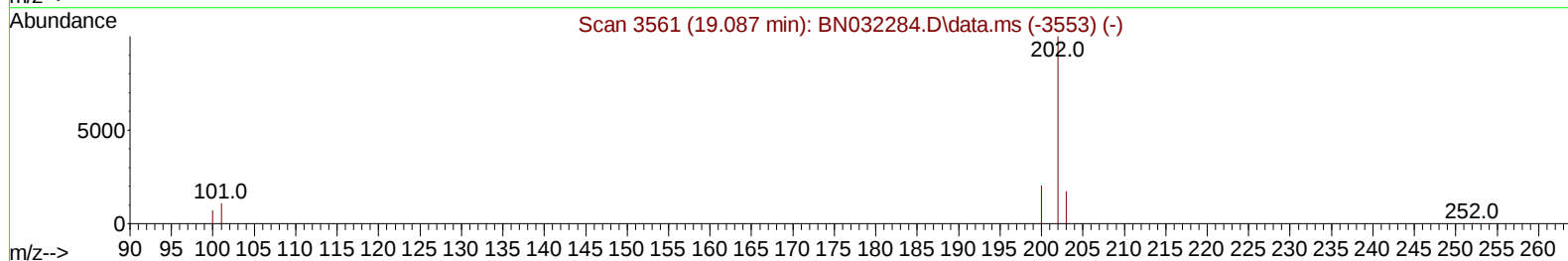
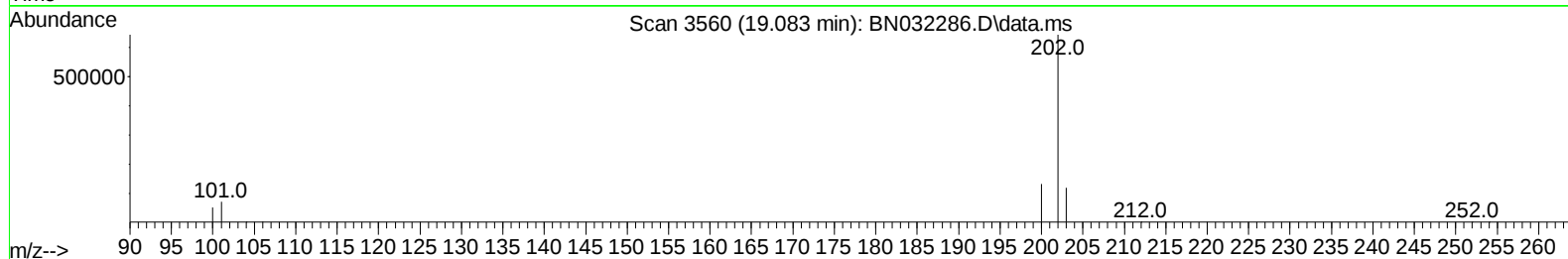
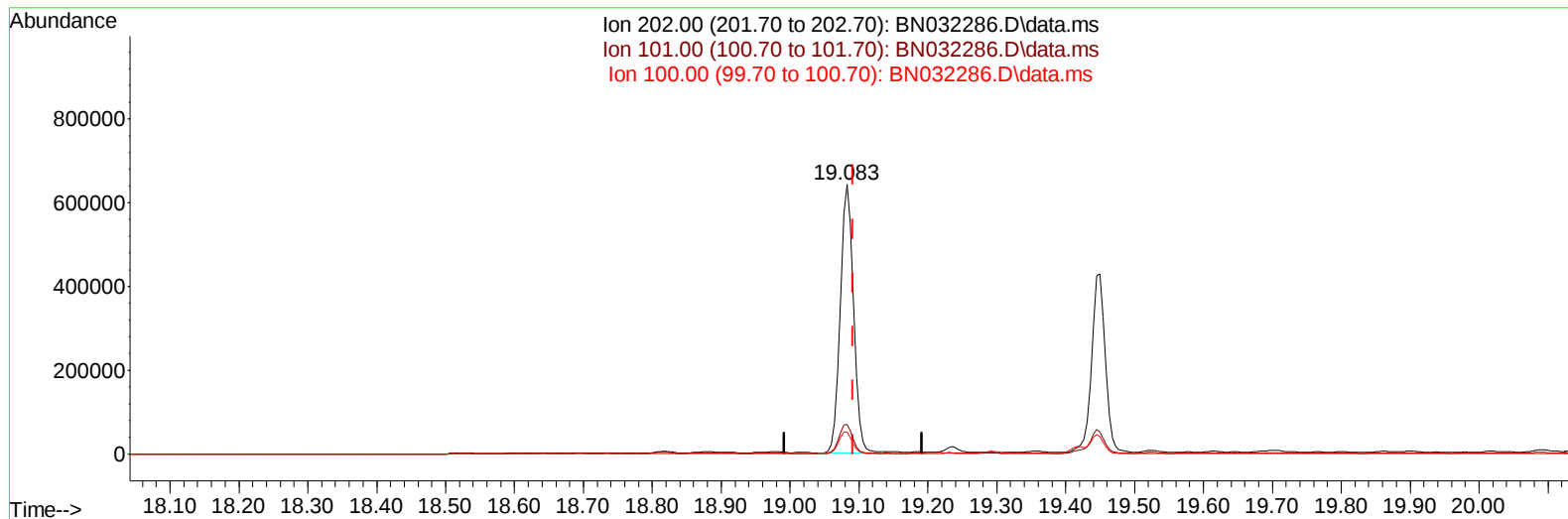
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032286.D
Acq On : 27 Jun 2024 18:52
Operator : MA/JU
Sample : P2909-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B75

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:12 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: BN032286.D\data.ms

(19) Fluoranthene (C)

19.083min (-0.009) 10.55 ng/ul m

response 862544

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	10.98
100.00	8.00	8.10
0.00	0.00	0.00

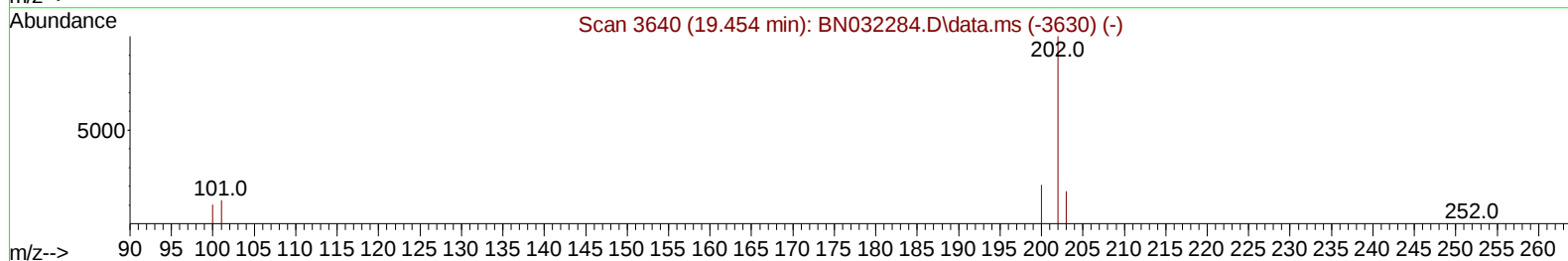
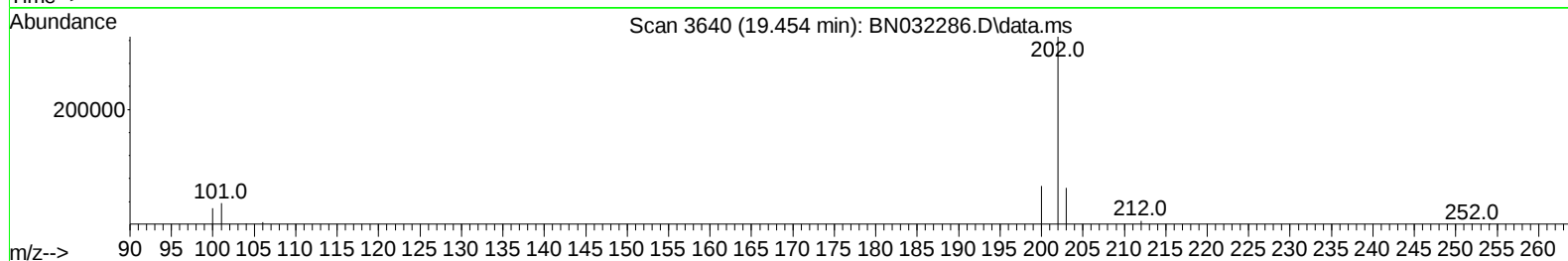
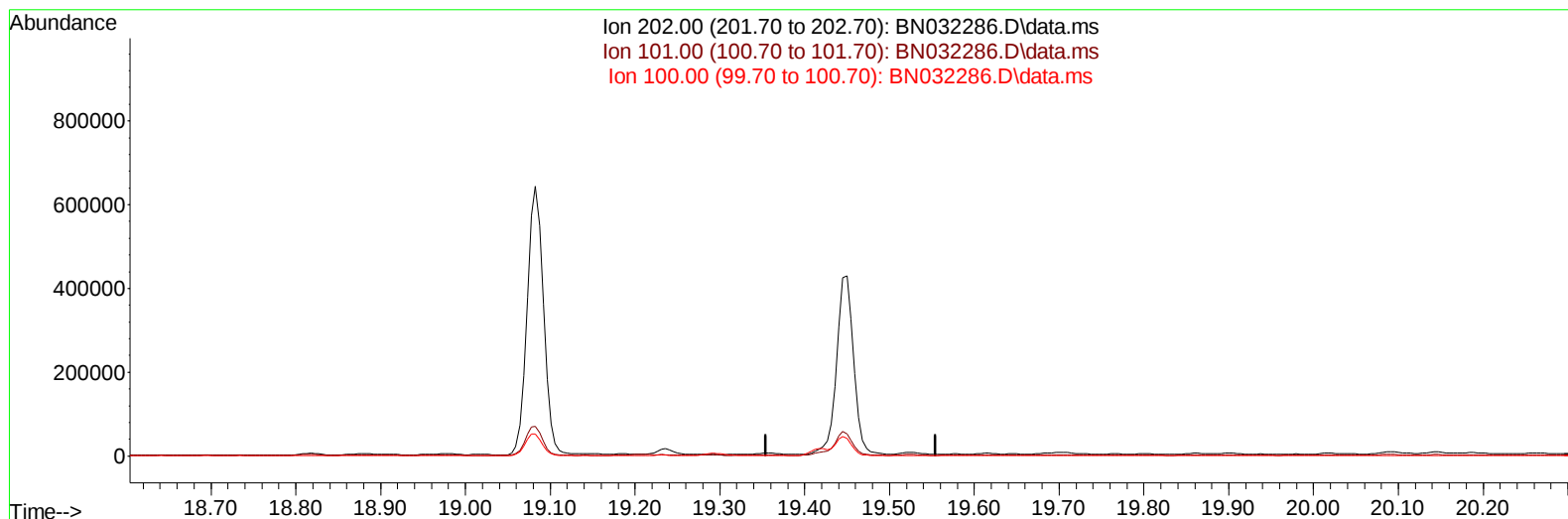
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032286.D
Acq On : 27 Jun 2024 18:52
Operator : MA/JU
Sample : P2909-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B75

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:12 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: BN032286.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

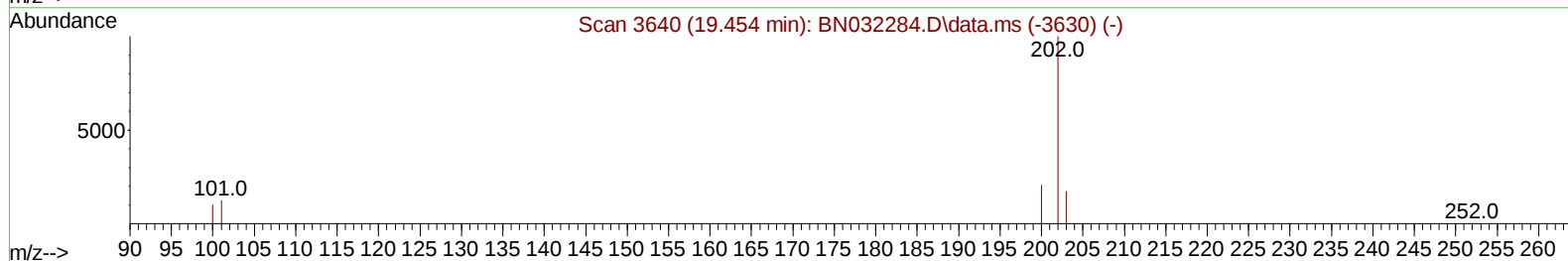
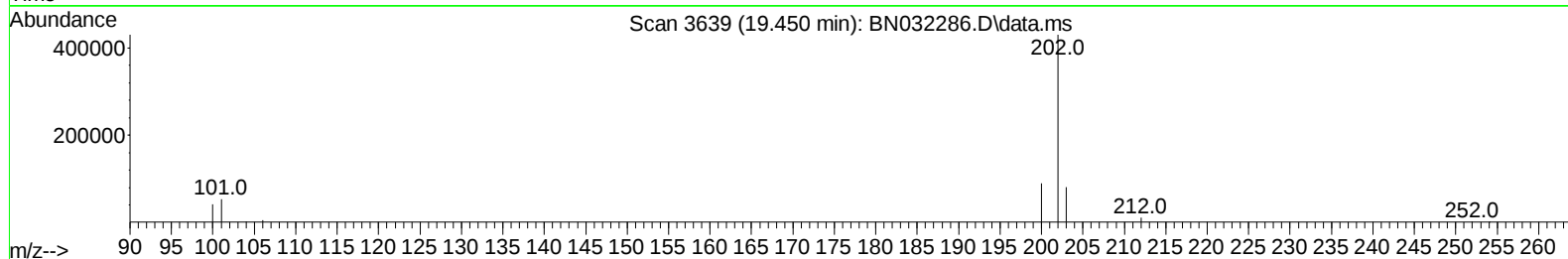
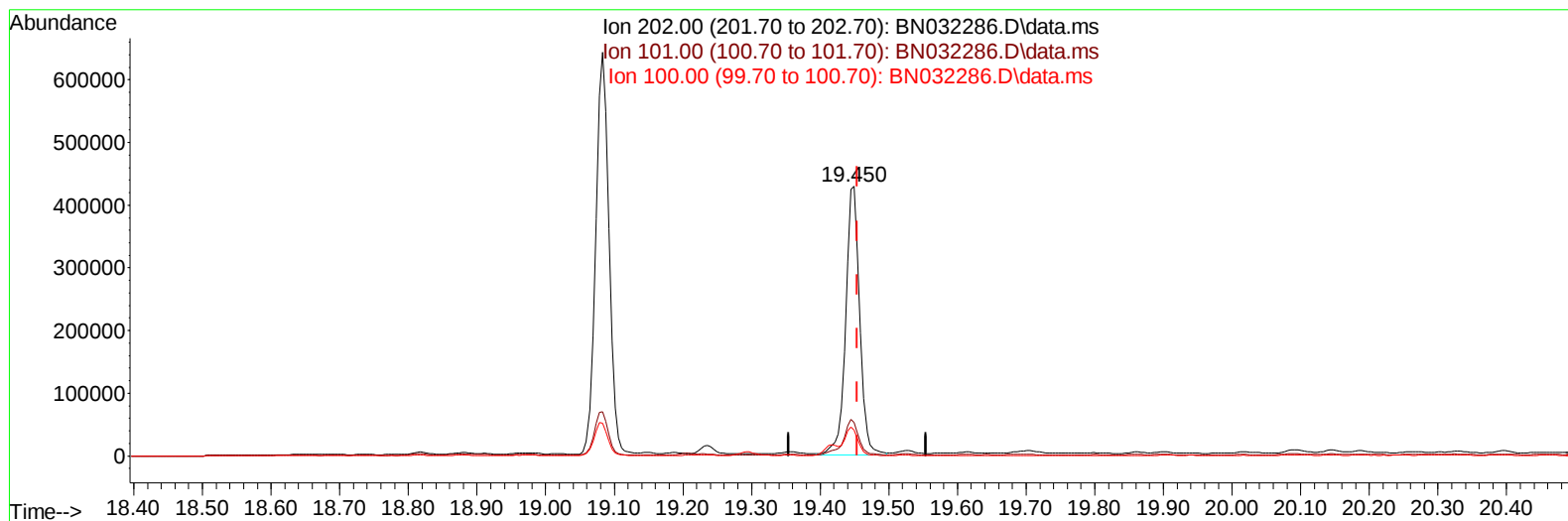
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032286.D
Acq On : 27 Jun 2024 18:52
Operator : MA/JU
Sample : P2909-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B75

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:12 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: BN032286.D\data.ms

(20) Pyrene

19.450min (-0.005) 7.10 ng/ul m

response 607131

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	12.30
100.00	10.90	9.69
0.00	0.00	0.00

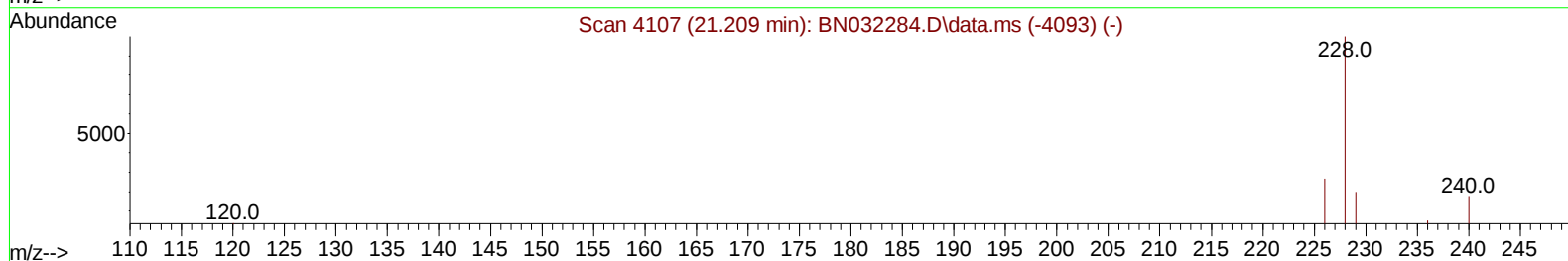
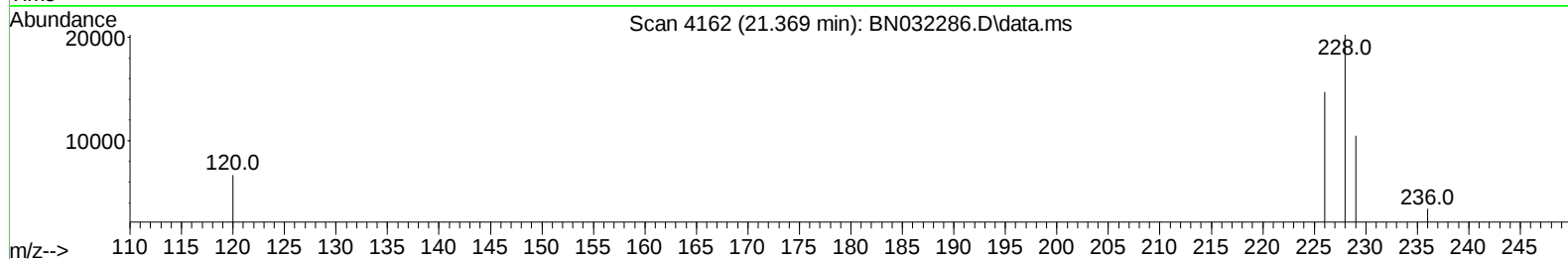
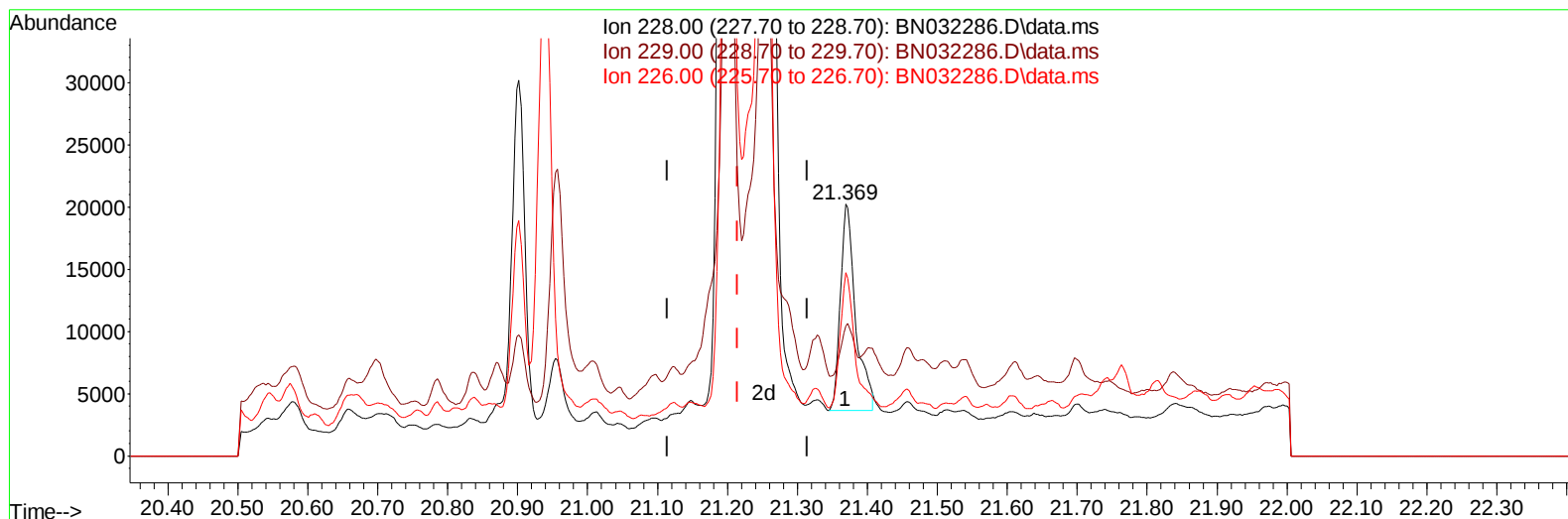
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
 Data File : BN032286.D
 Acq On : 27 Jun 2024 18:52
 Operator : MA/JU
 Sample : P2909-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B75

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:12 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: BN032286.D\data.ms

(21) Benzo(a)anthracene

21.369min (+ 0.155) 0.32 ng/u1

response 25108

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	51.65#
226.00	27.30	72.69#
0.00	0.00	0.00

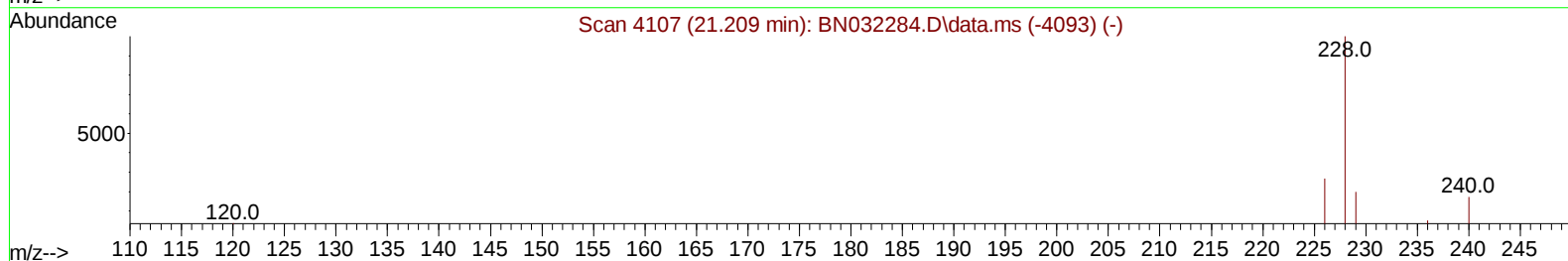
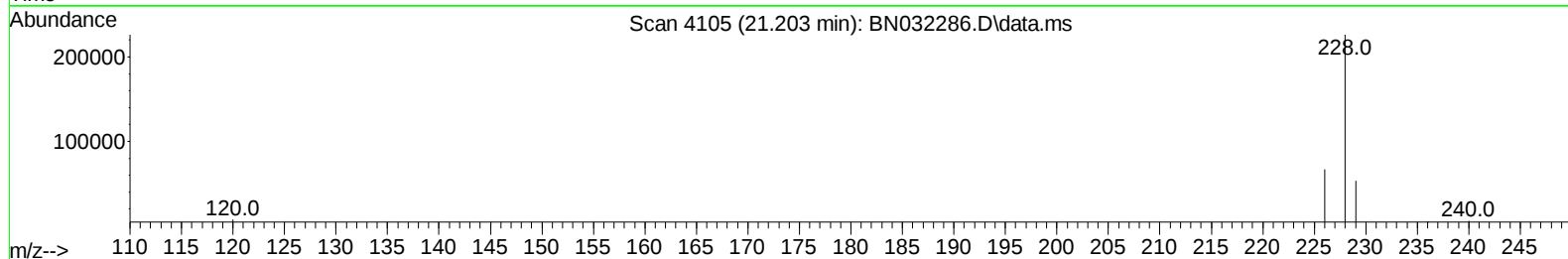
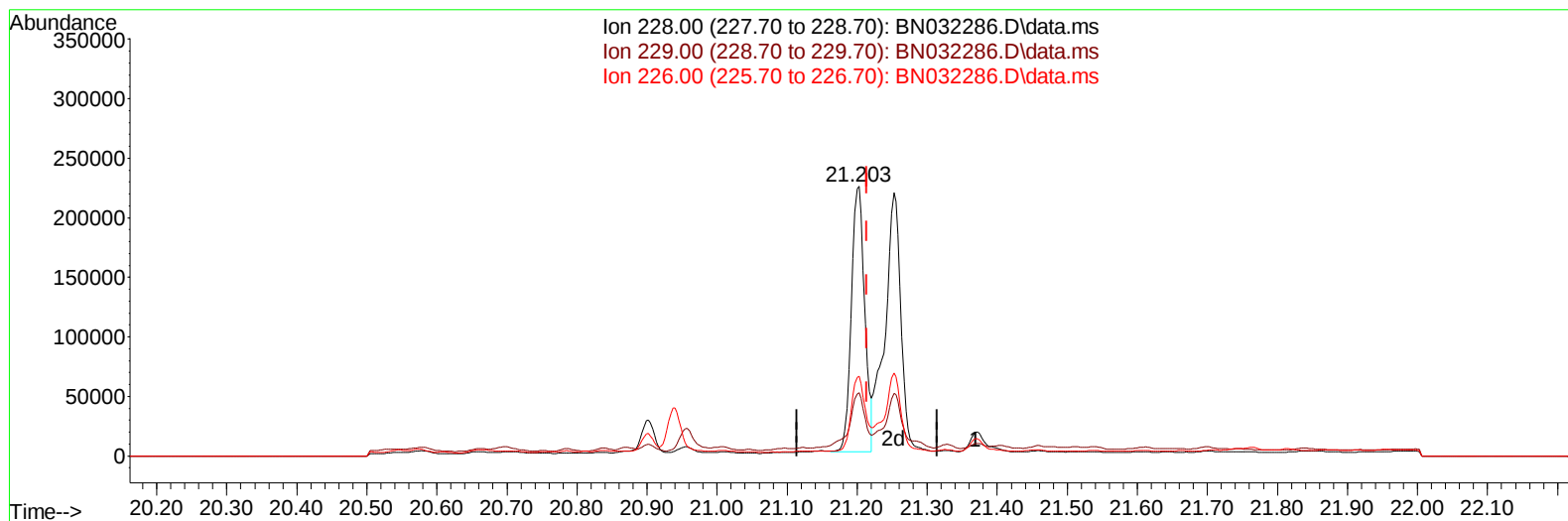
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032286.D
Acq On : 27 Jun 2024 18:52
Operator : MA/JU
Sample : P2909-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B75

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:12 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: BN032286.D\data.ms

(21) Benzo(a)anthracene

21.203min (-0.012) 3.80 ng/u1 m

response 294380

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	23.45
226.00	27.30	29.51
0.00	0.00	0.00

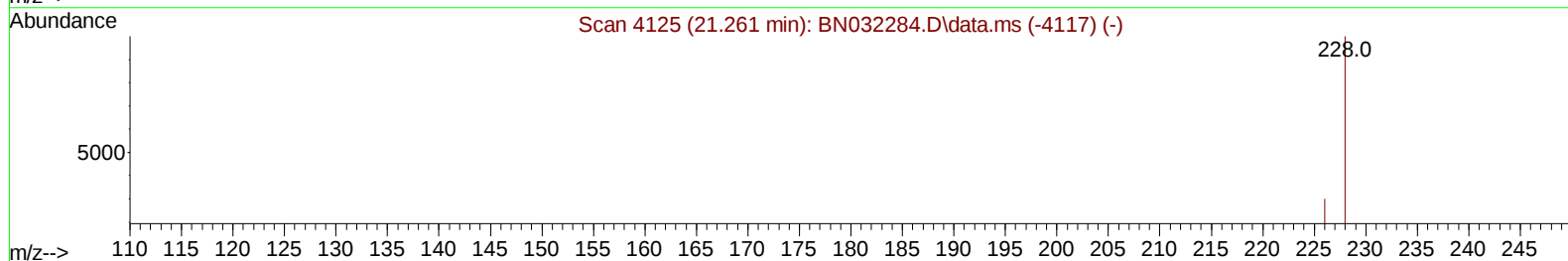
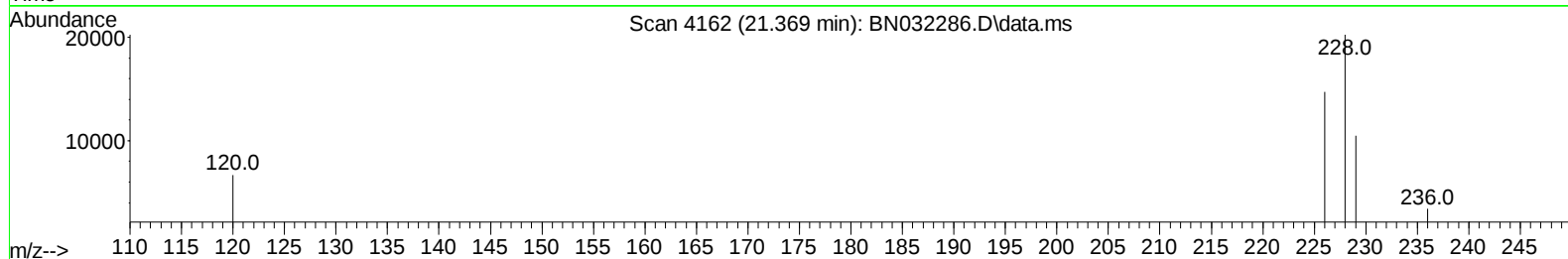
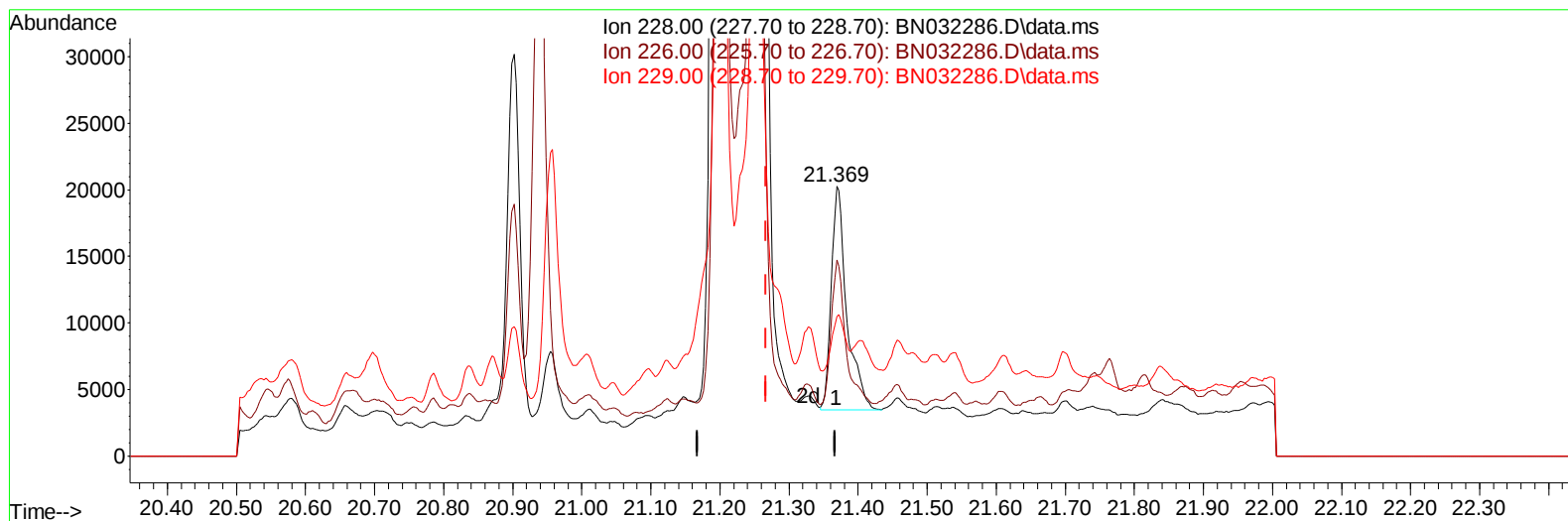
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032286.D
Acq On : 27 Jun 2024 18:52
Operator : MA/JU
Sample : P2909-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B75

Manual IntegrationsAPPROVED

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

Quant Time: Jun 28 00:27:12 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: BN032286.D\data.ms

(22) Chrysene

21.369min (+ 0.102) 0.31 ng/u1

response 26175

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	72.69#
229.00	19.60	51.65#
0.00	0.00	0.00

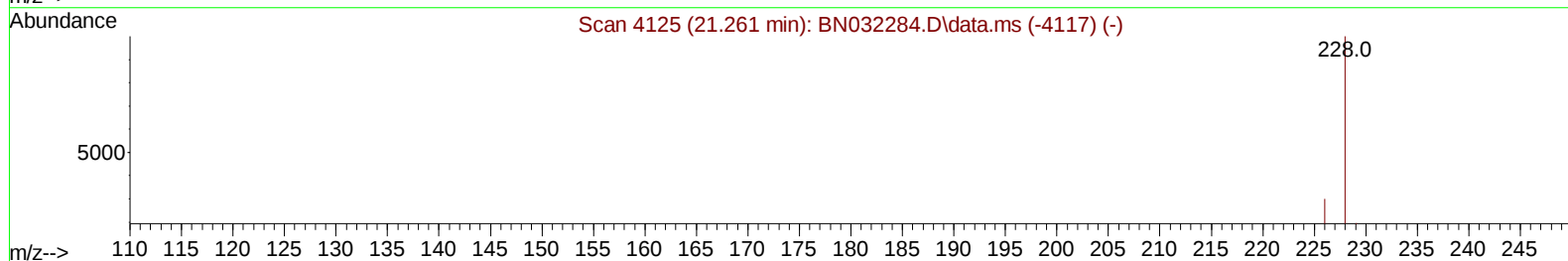
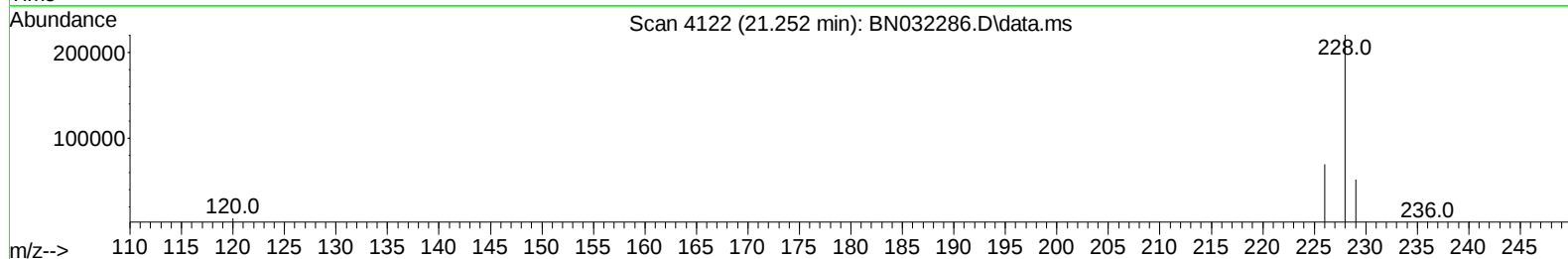
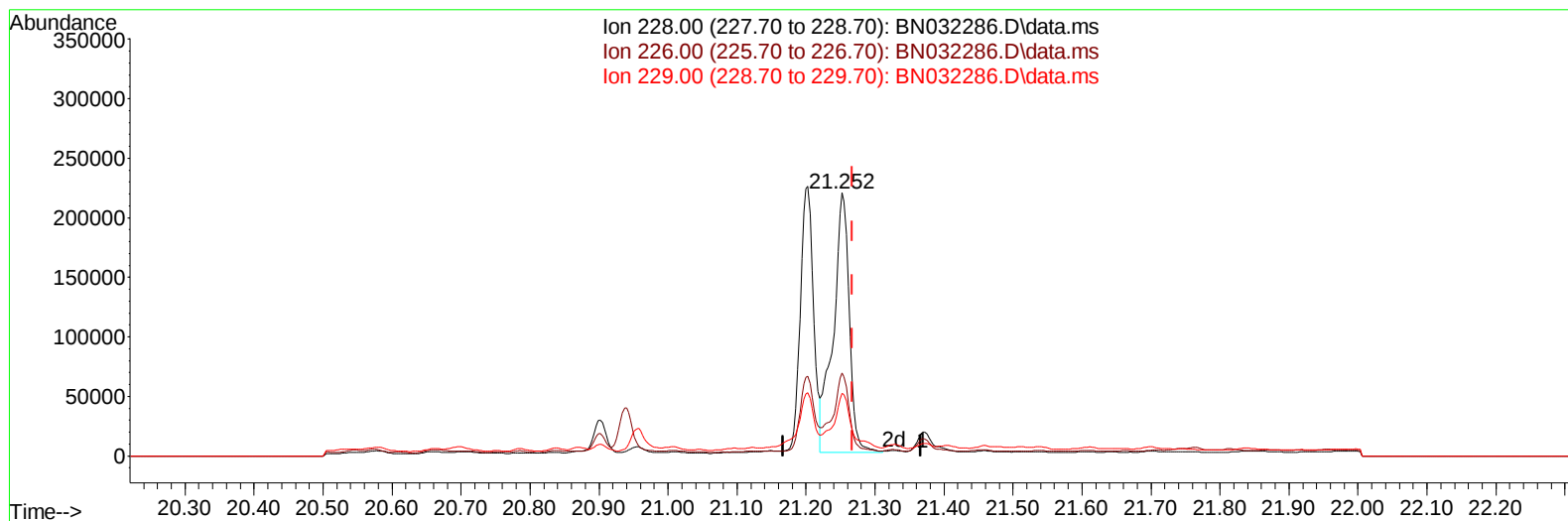
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032286.D
Acq On : 27 Jun 2024 18:52
Operator : MA/JU
Sample : P2909-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B75

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:12 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: BN032286.D\data.ms

(22) Chrysene

21.252min (-0.015) 4.17 ng/u1 m

response 354483

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	31.61
229.00	19.60	23.73#
0.00	0.00	0.00

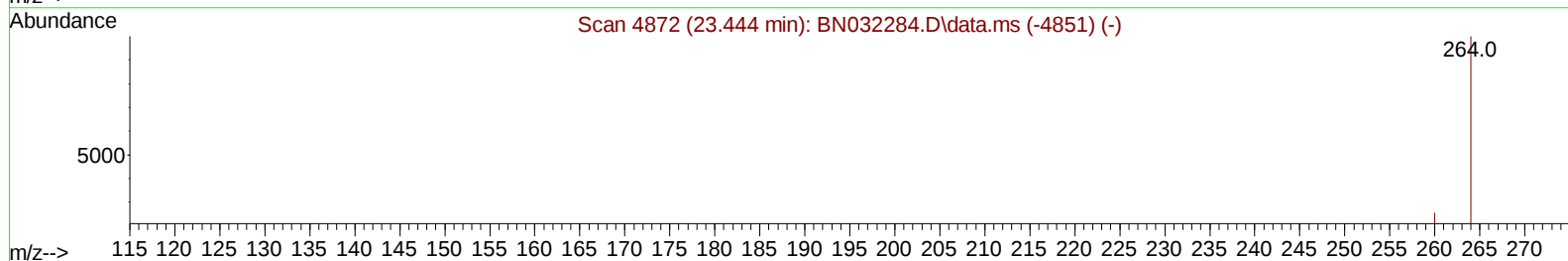
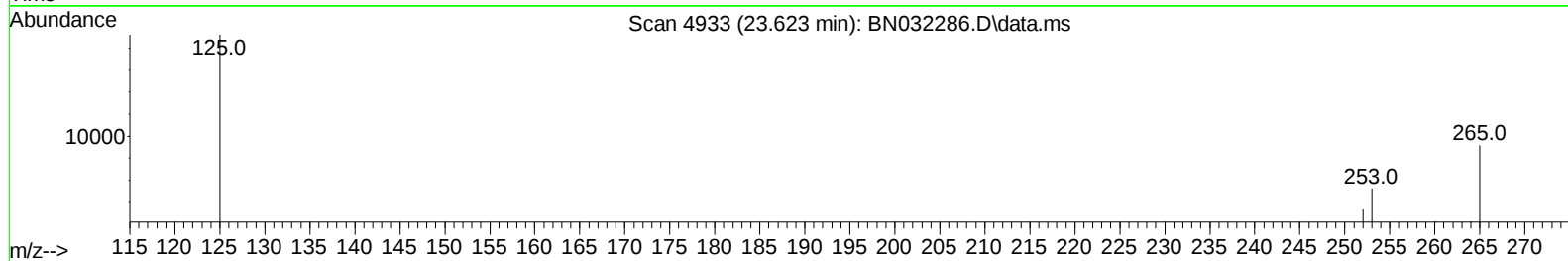
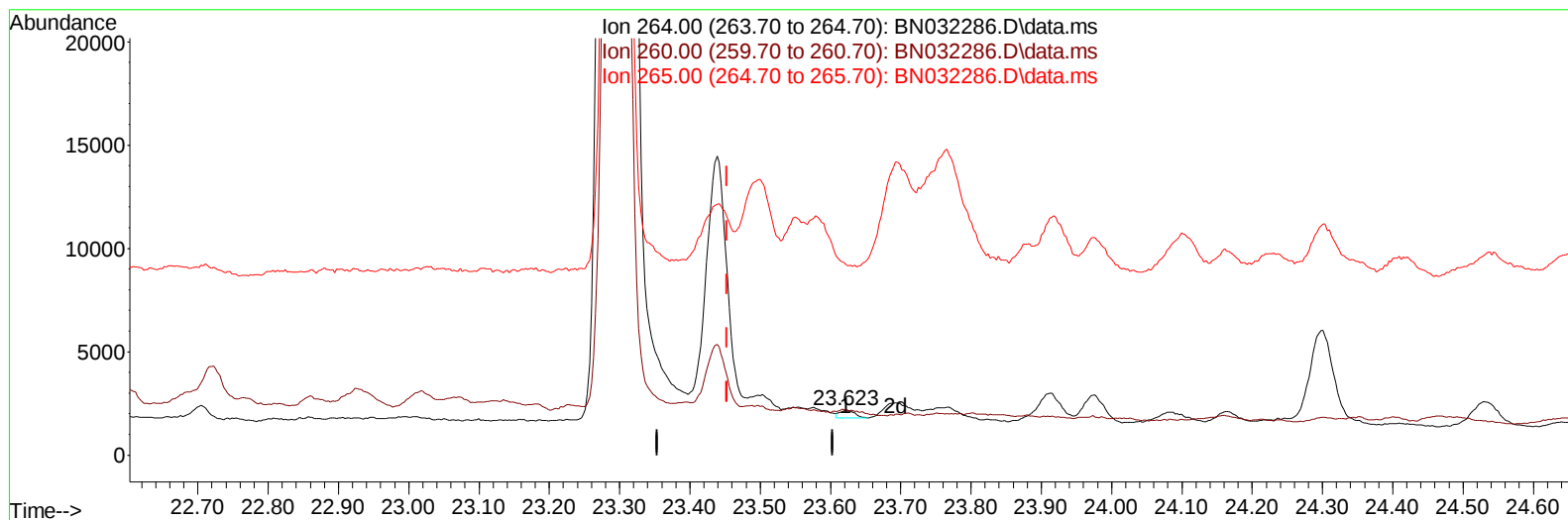
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032286.D
Acq On : 27 Jun 2024 18:52
Operator : MA/JU
Sample : P2909-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B75

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:12 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: BN032286.D\data.ms

(23) Perylene-d12 (I)

23.623min (+ 0.169) 0.40 ng/u1

response 558

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	100.78#
265.00	67.20	420.25#
0.00	0.00	0.00

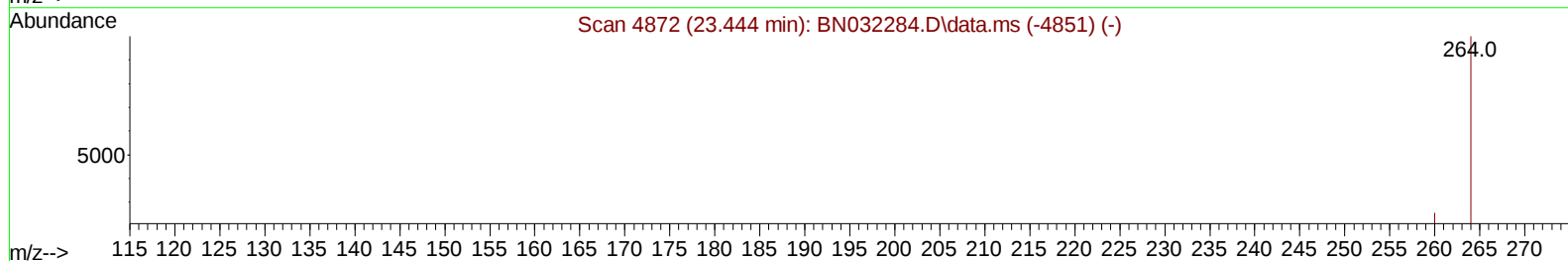
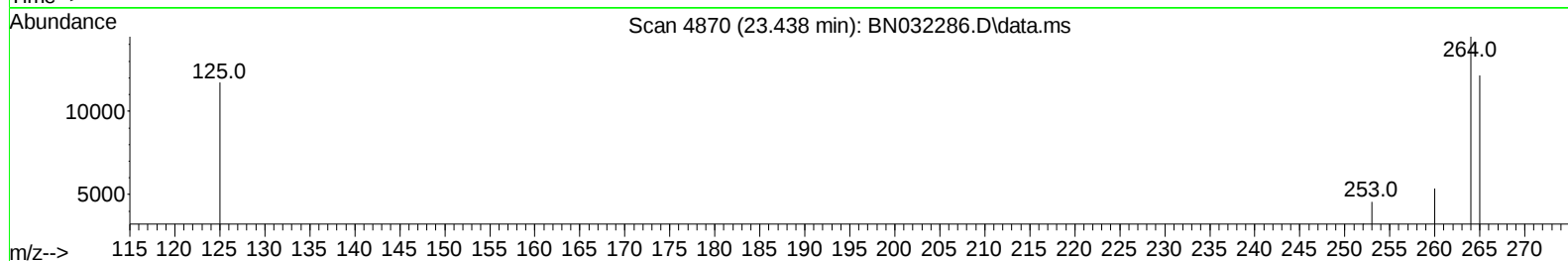
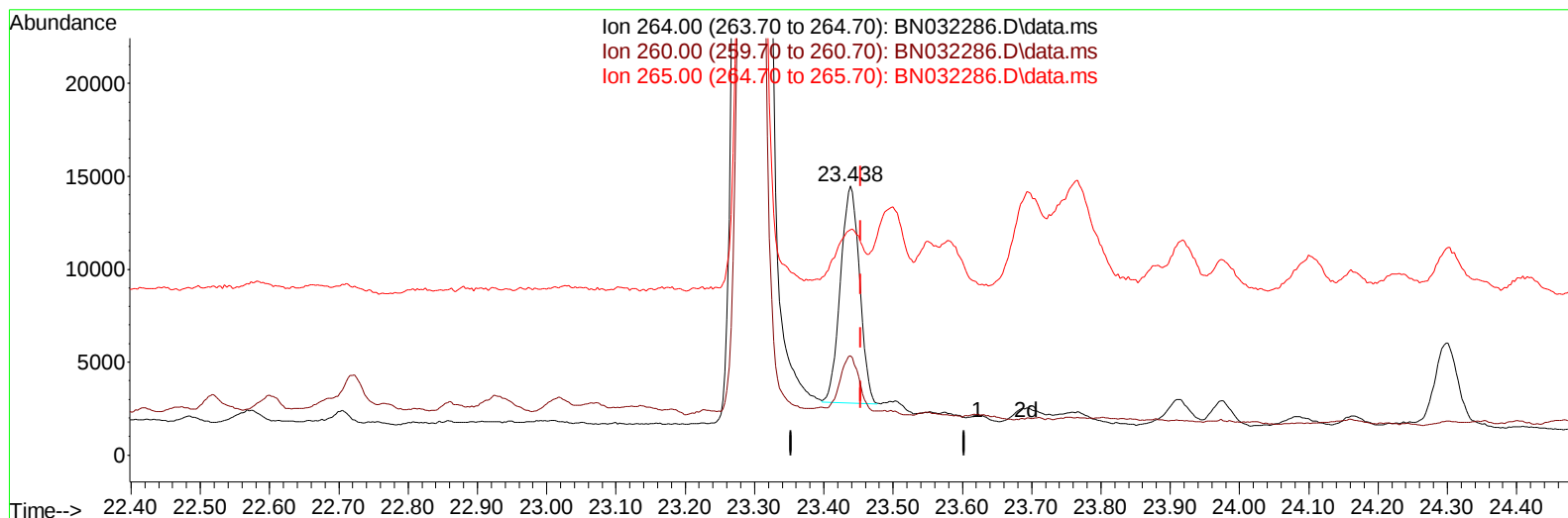
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032286.D
Acq On : 27 Jun 2024 18:52
Operator : MA/JU
Sample : P2909-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B75

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:12 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: BN032286.D\data.ms

(23) Perylene-d12 (I)

23.438min (-0.015) 0.40 ng/ul m

response 22423

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	36.94#
265.00	67.20	83.81#
0.00	0.00	0.00

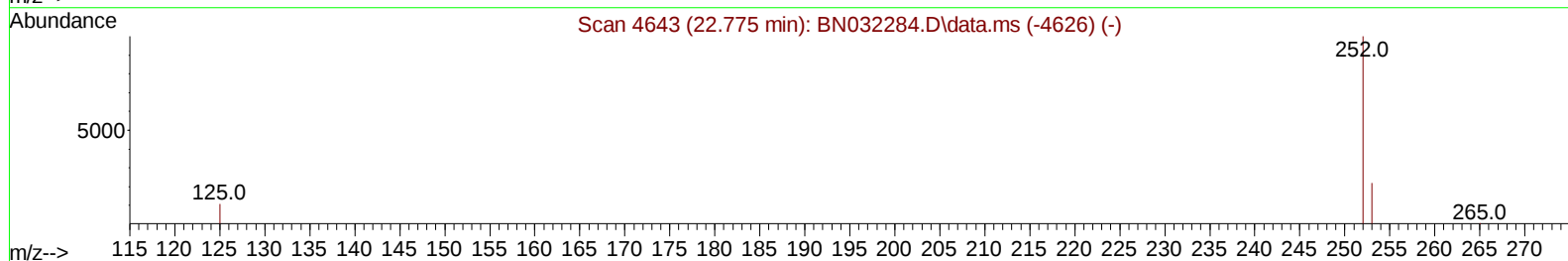
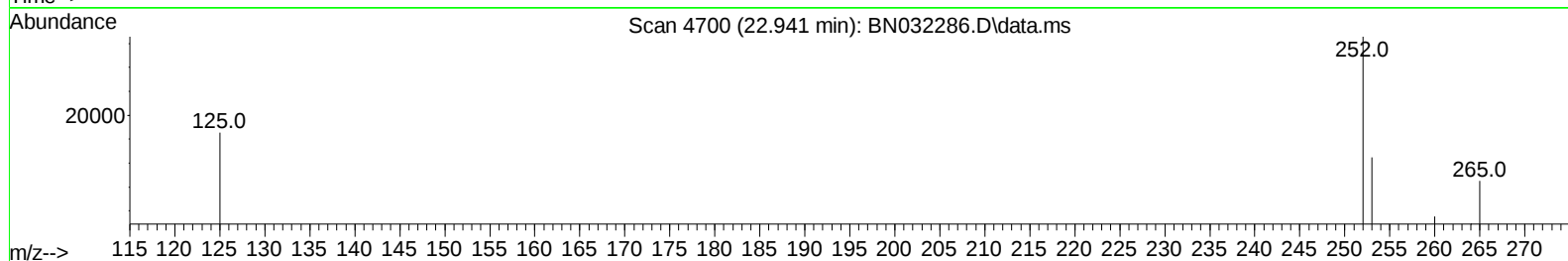
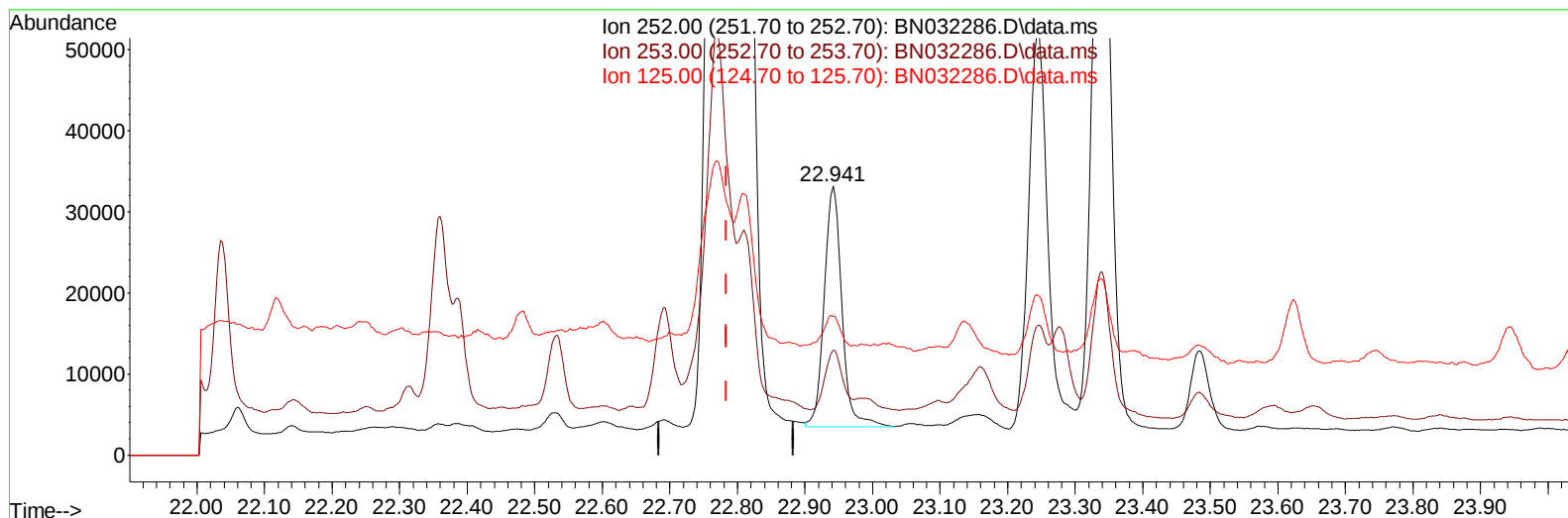
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032286.D
Acq On : 27 Jun 2024 18:52
Operator : MA/JU
Sample : P2909-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B75

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:12 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: BN032286.D\data.ms

(24) Benzo(b)fluoranthene

22.941min (+ 0.158) 0.55 ng/u1

response 53680

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	39.02
125.00	16.00	51.64#
0.00	0.00	0.00

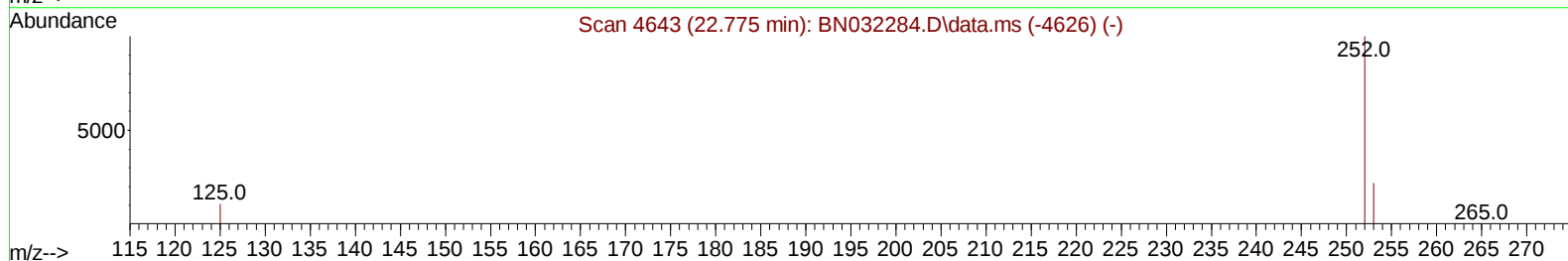
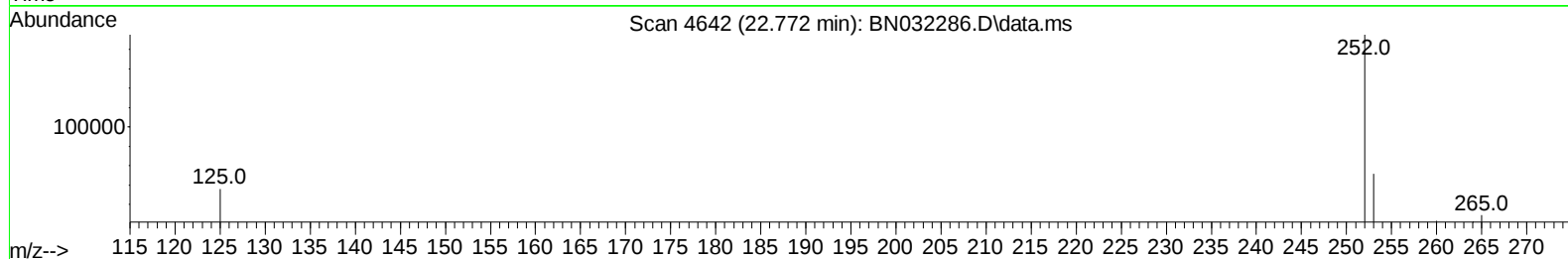
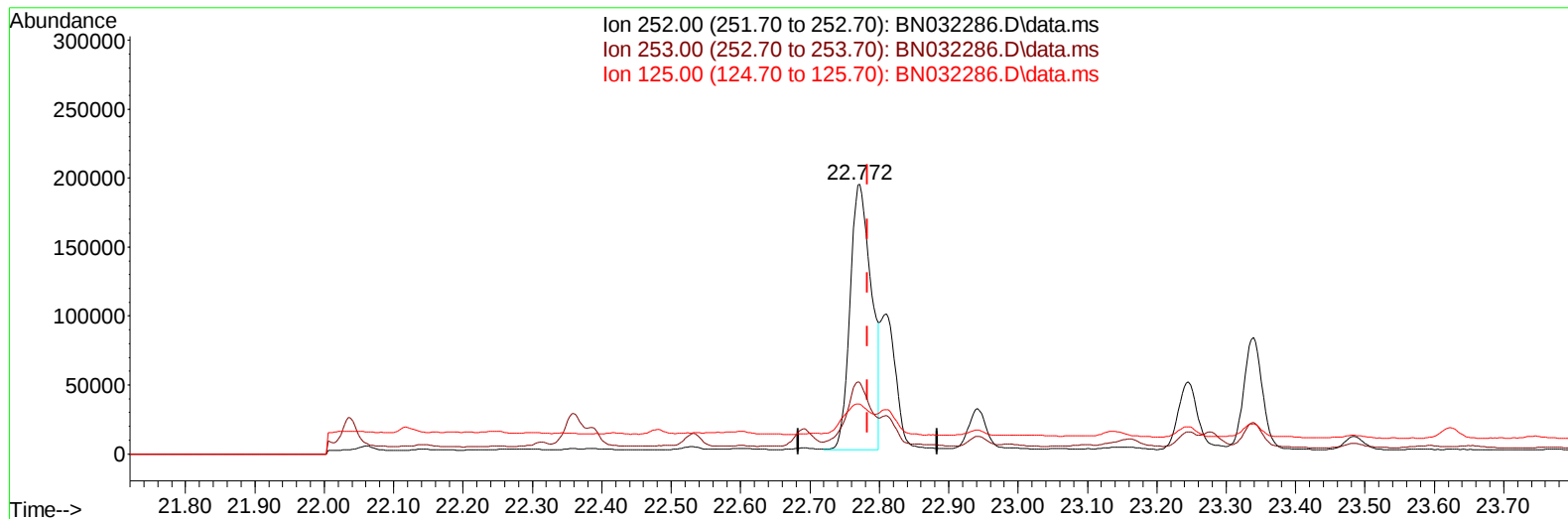
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032286.D
Acq On : 27 Jun 2024 18:52
Operator : MA/JU
Sample : P2909-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B75

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:12 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: BN032286.D\data.ms

(24) Benzo(b)fluoranthene

22.772min (-0.012) 4.21 ng/u1 m

response 409920

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	26.49
125.00	16.00	18.47
0.00	0.00	0.00

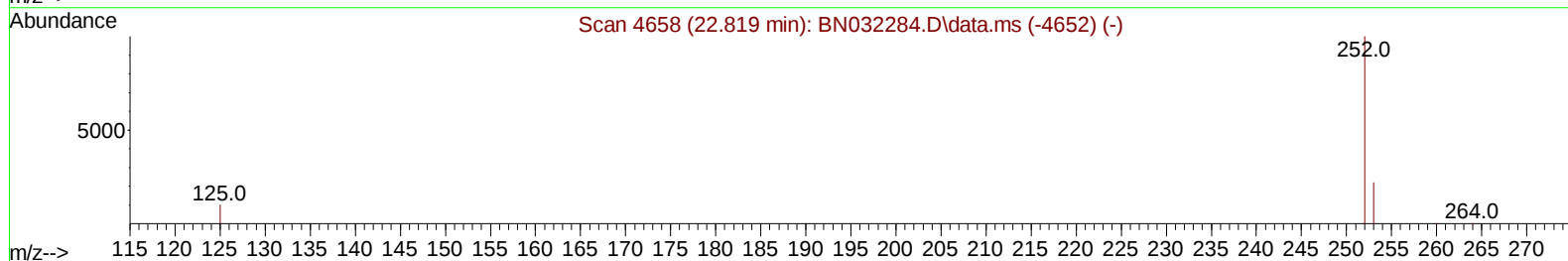
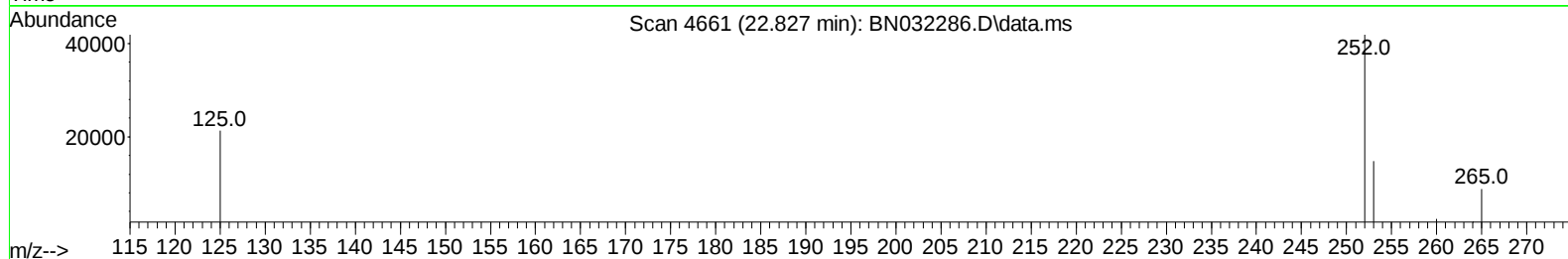
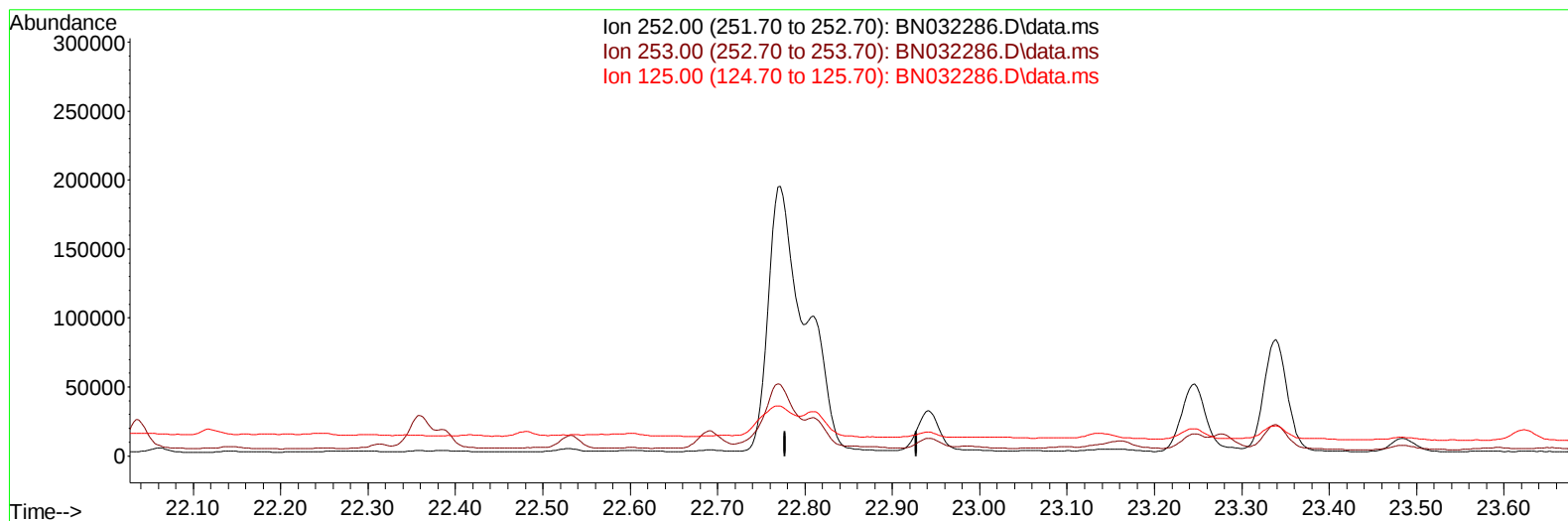
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032286.D
Acq On : 27 Jun 2024 18:52
Operator : MA/JU
Sample : P2909-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B75

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:12 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: BN032286.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

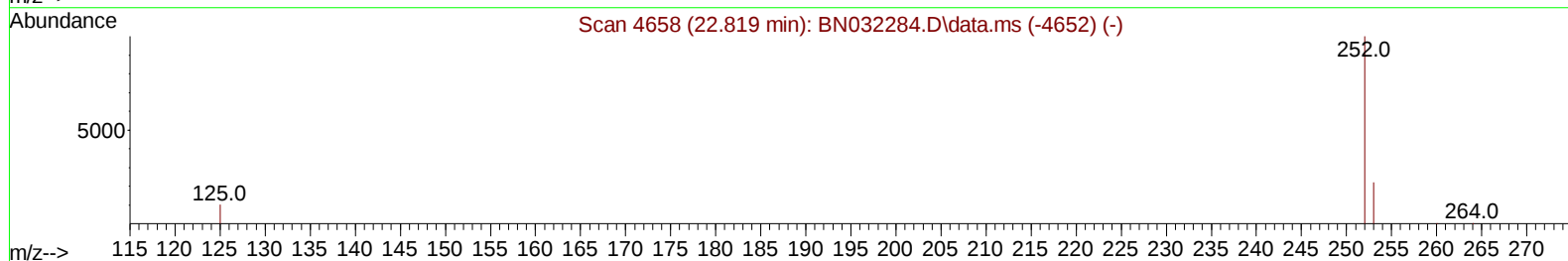
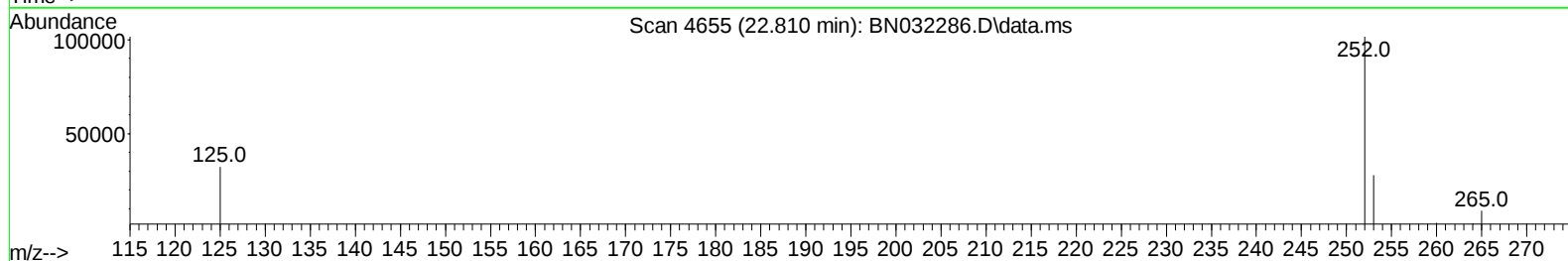
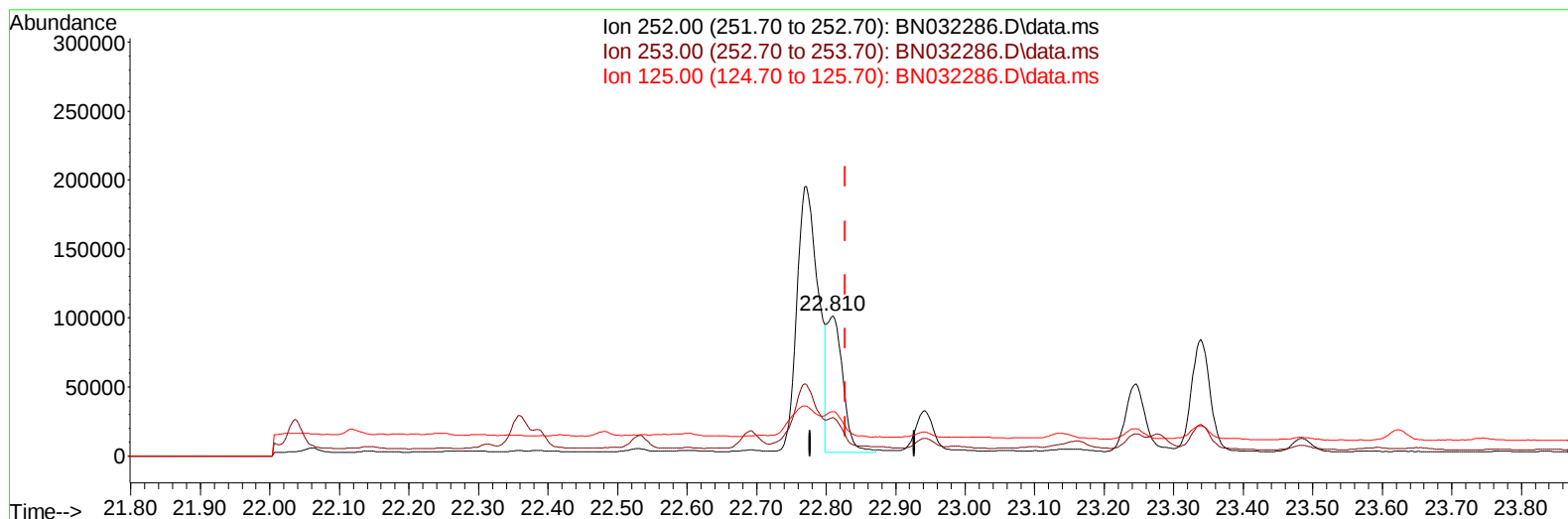
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032286.D
Acq On : 27 Jun 2024 18:52
Operator : MA/JU
Sample : P2909-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B75

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:12 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: BN032286.D\data.ms

(25) Benzo(k)fluoranthene

22.810min (-0.018) 1.68 ng/u1 m

response 159058

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	27.33
125.00	16.00	31.72#
0.00	0.00	0.00

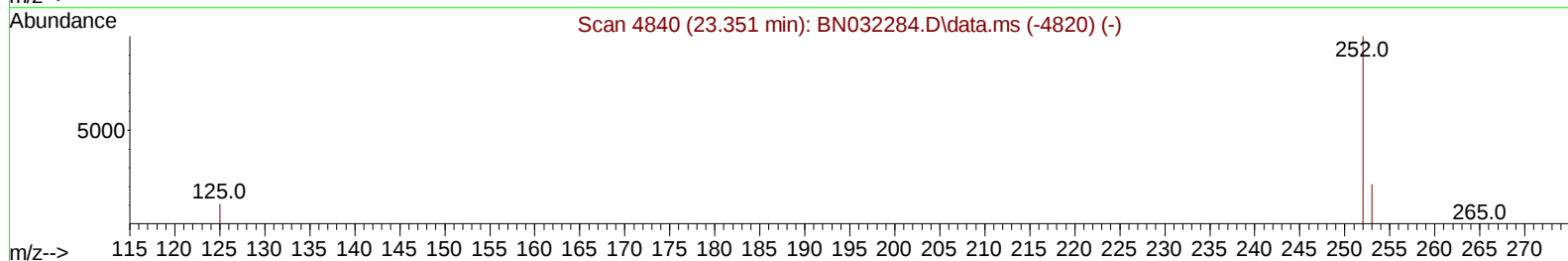
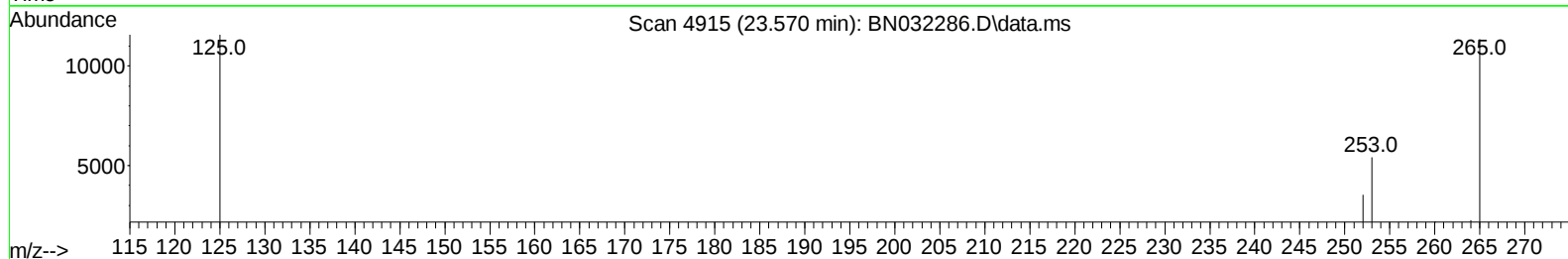
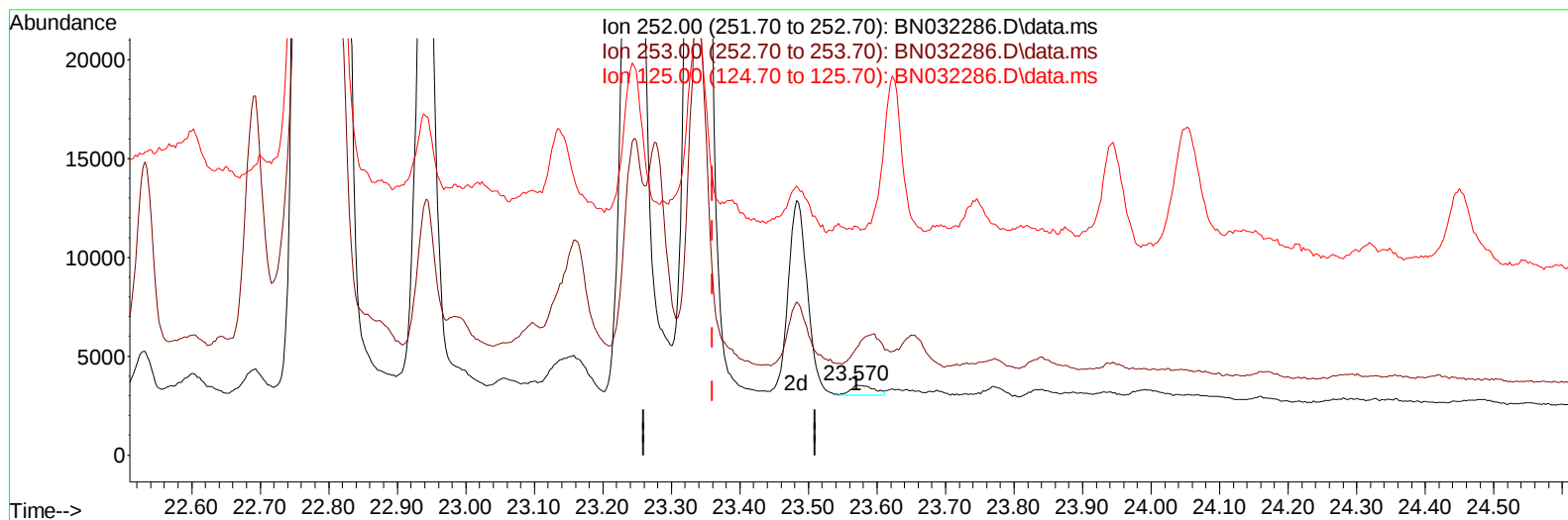
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032286.D
Acq On : 27 Jun 2024 18:52
Operator : MA/JU
Sample : P2909-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B75

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:12 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: BN032286.D\data.ms

(26) Benzo(a)pyrene (C)

23.570min (+ 0.210) 0.02 ng/u1

response 1183

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	153.58#
125.00	20.50	327.43#
0.00	0.00	0.00

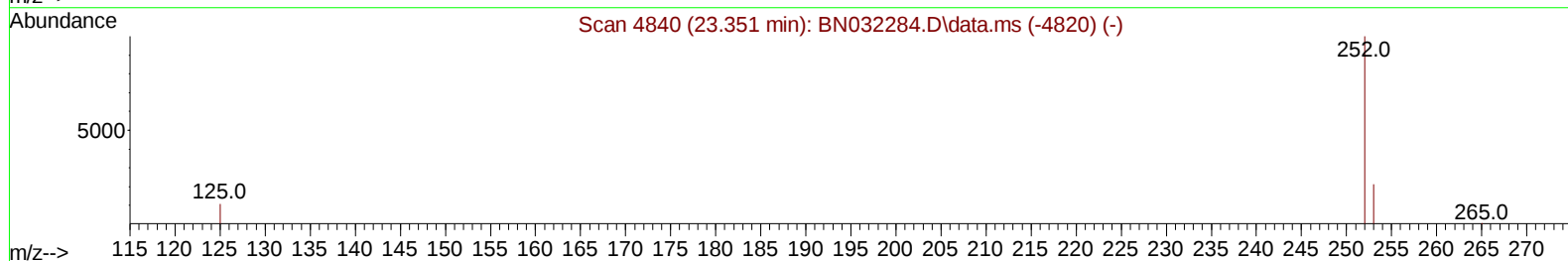
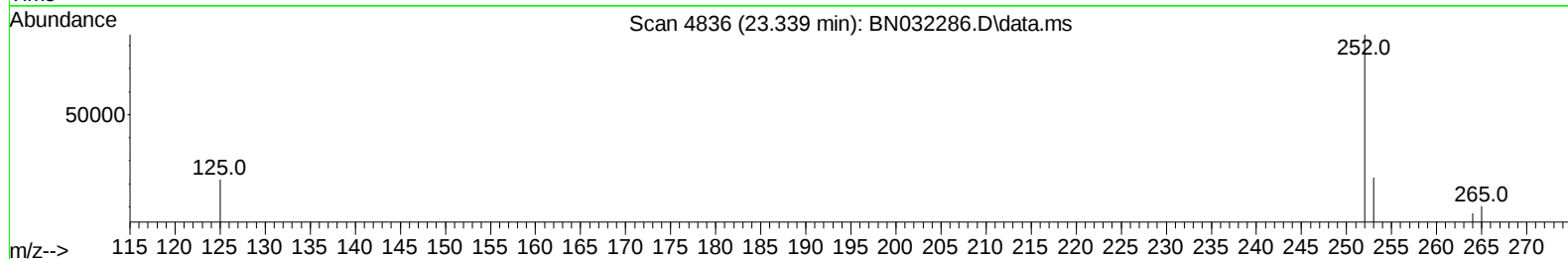
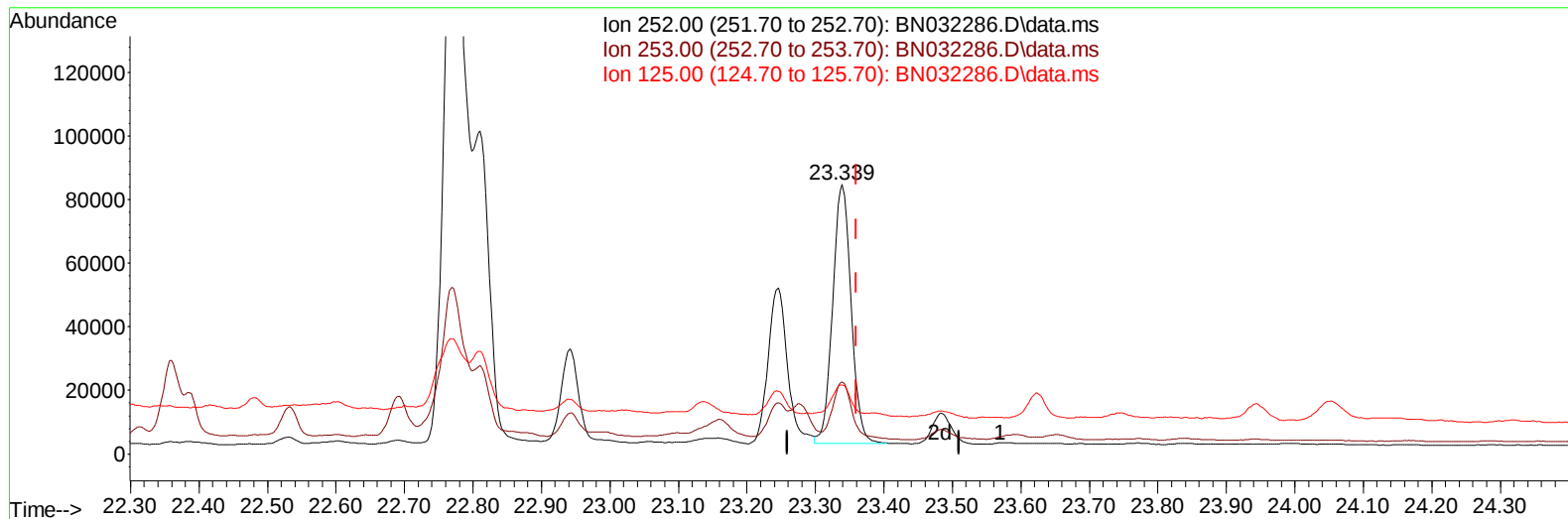
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032286.D
Acq On : 27 Jun 2024 18:52
Operator : MA/JU
Sample : P2909-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B75

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:12 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: BN032286.D\data.ms

(26) Benzo(a)pyrene (C)

23.339min (-0.021) 2.25 ng/u1 m

response 152532

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	26.74
125.00	20.50	25.65#
0.00	0.00	0.00

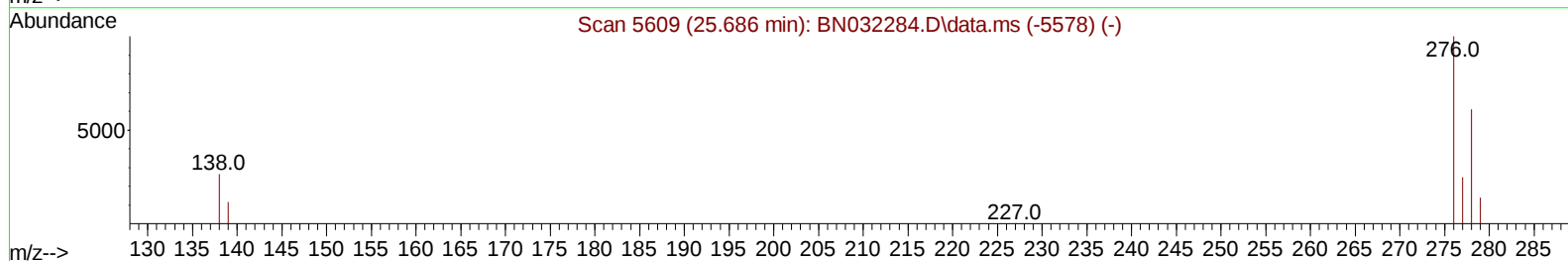
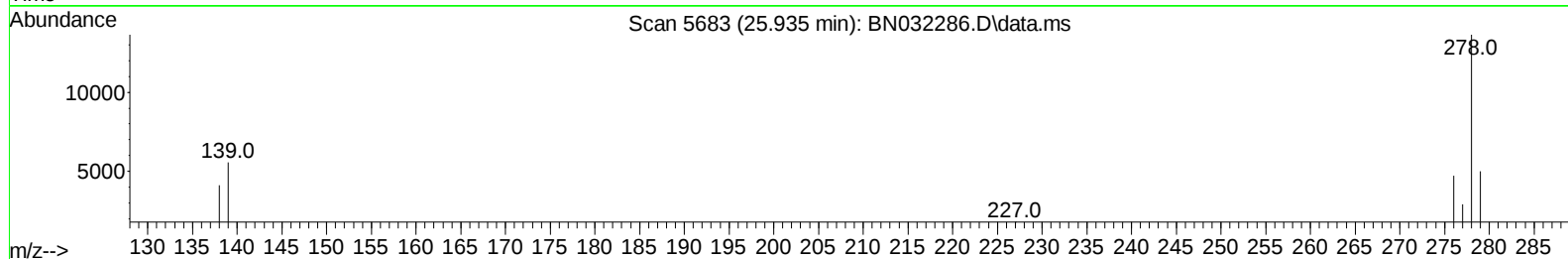
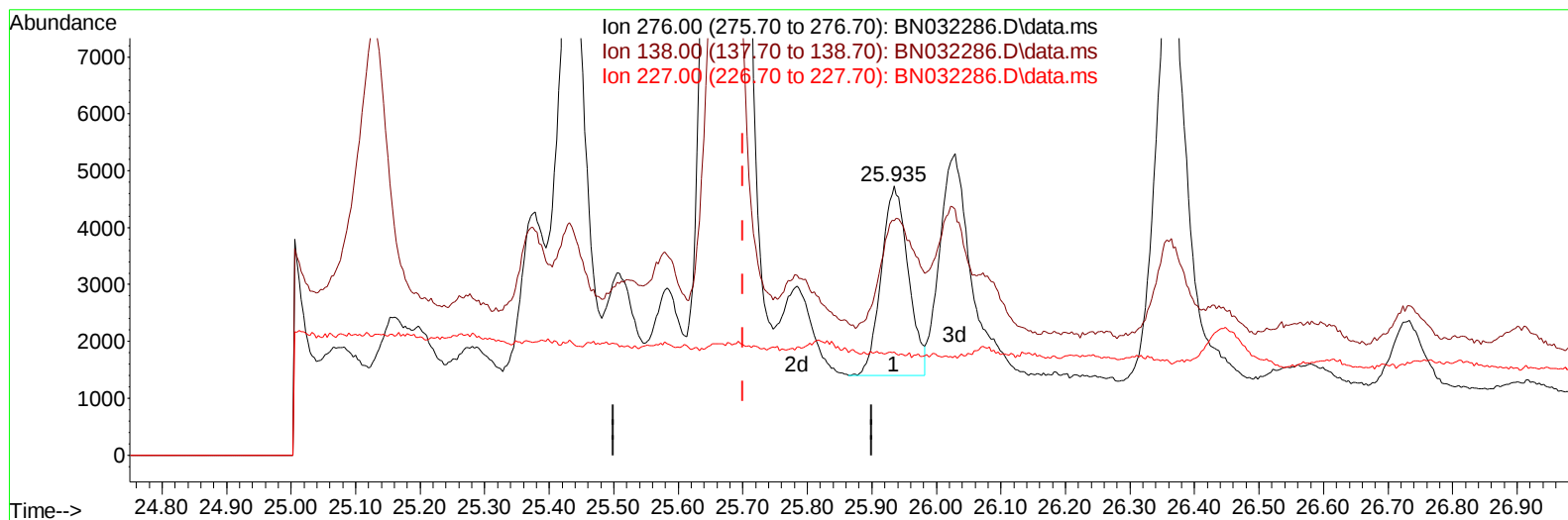
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
 Data File : BN032286.D
 Acq On : 27 Jun 2024 18:52
 Operator : MA/JU
 Sample : P2909-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B75

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:12 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: BN032286.D\data.ms

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

25.935min (+ 0.235) 0.09 ng/u1

response 9707

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	81.11#
227.00	0.10	1.68#
0.00	0.00	0.00

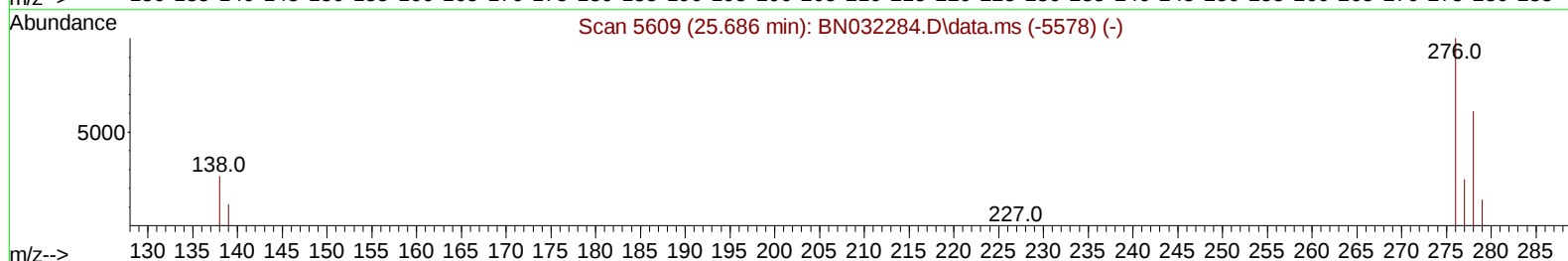
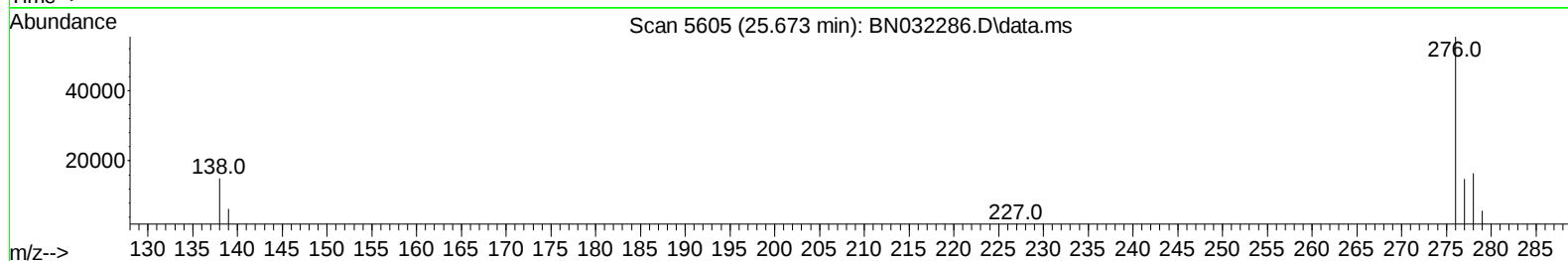
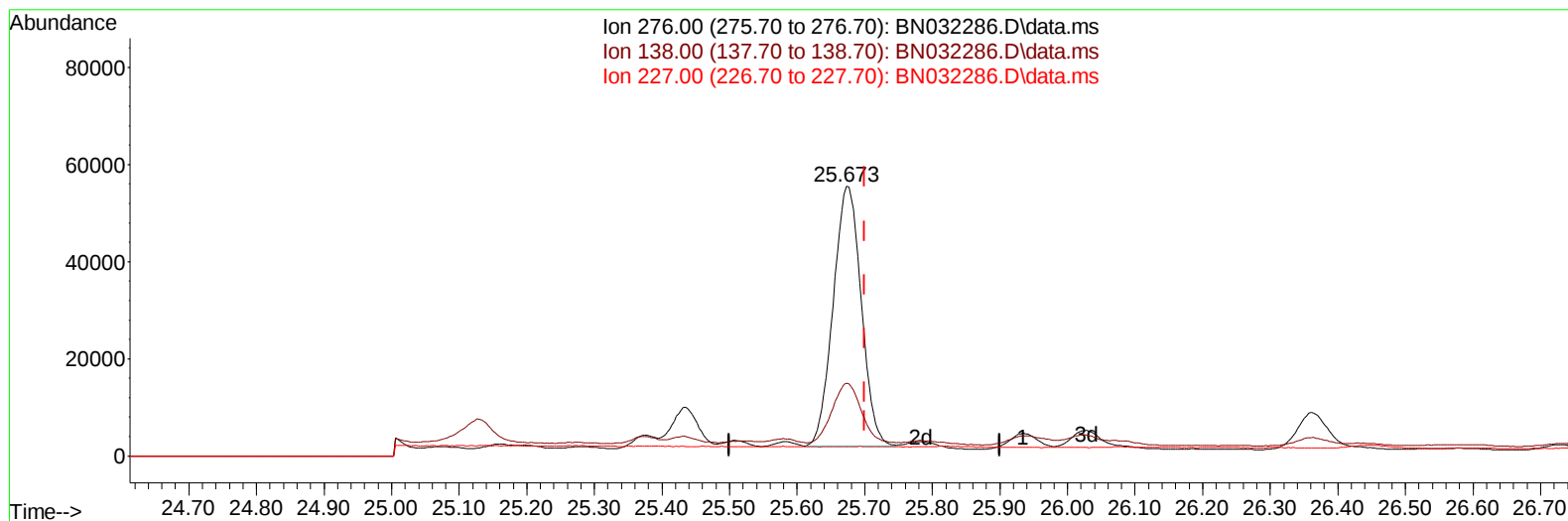
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032286.D
Acq On : 27 Jun 2024 18:52
Operator : MA/JU
Sample : P2909-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B75

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:12 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: BN032286.D\data.ms

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

25.673min (-0.027) 1.46 ng/u1 m

response 154569

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	5.09#
227.00	0.10	0.11
0.00	0.00	0.00

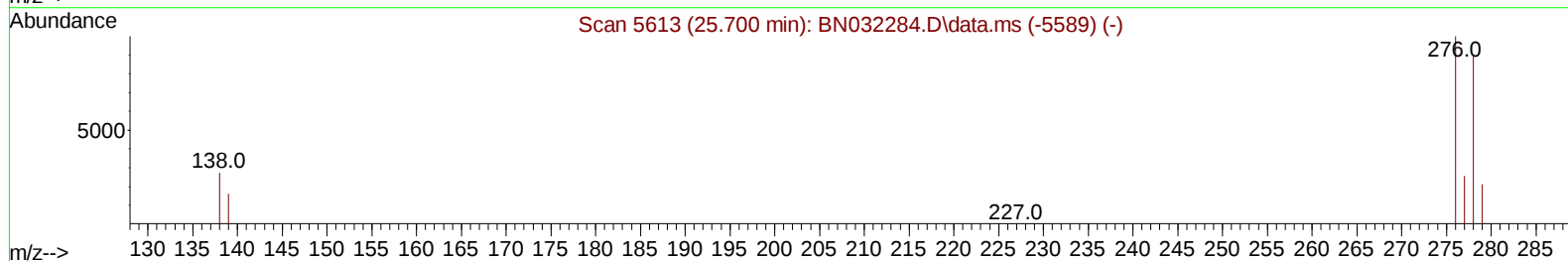
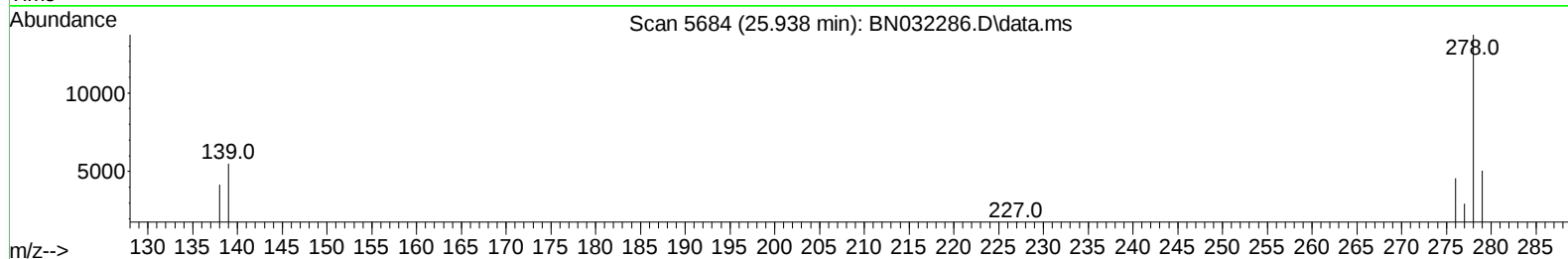
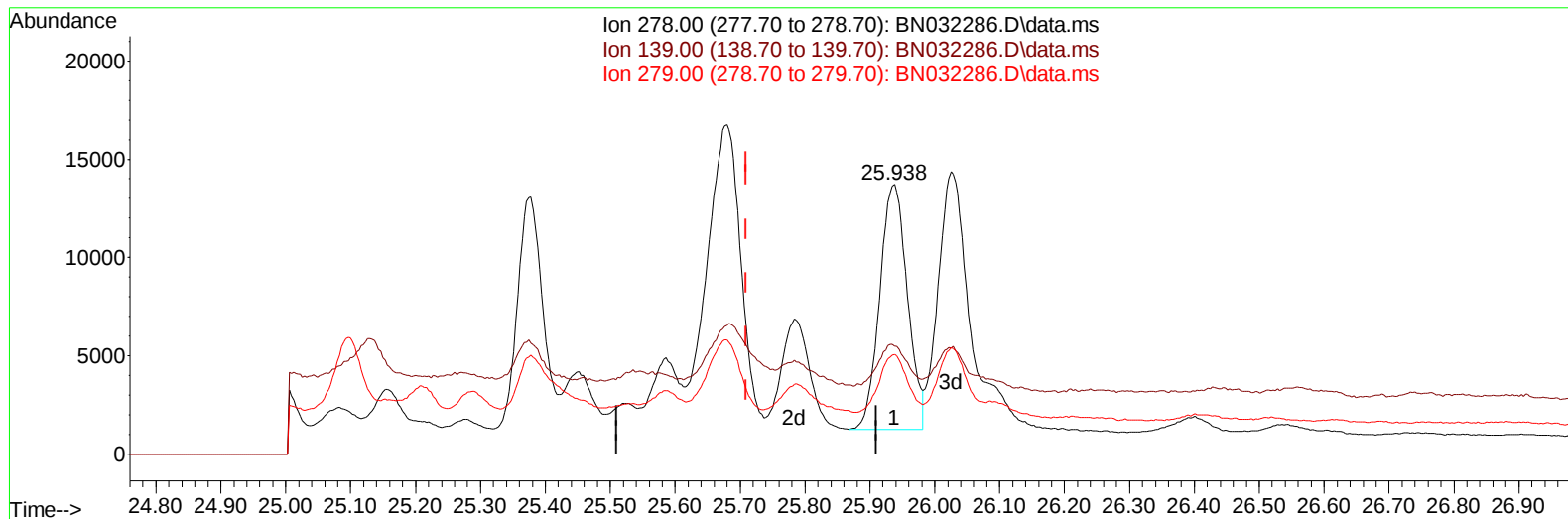
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032286.D
Acq On : 27 Jun 2024 18:52
Operator : MA/JU
Sample : P2909-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B75

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:12 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: BN032286.D\data.ms

(28) Dibenzo(a,h)anthracene

25.938min (+ 0.228) 0.47 ng/u1

response 36938

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	40.09#
279.00	26.40	36.84#
0.00	0.00	0.00

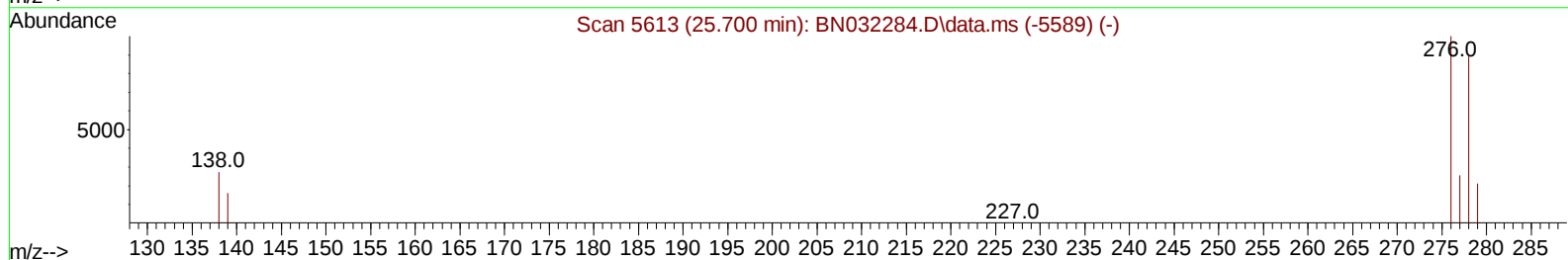
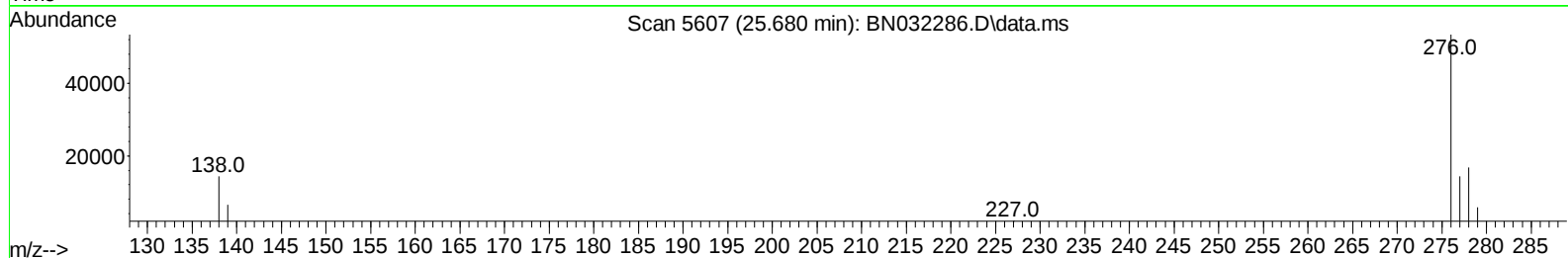
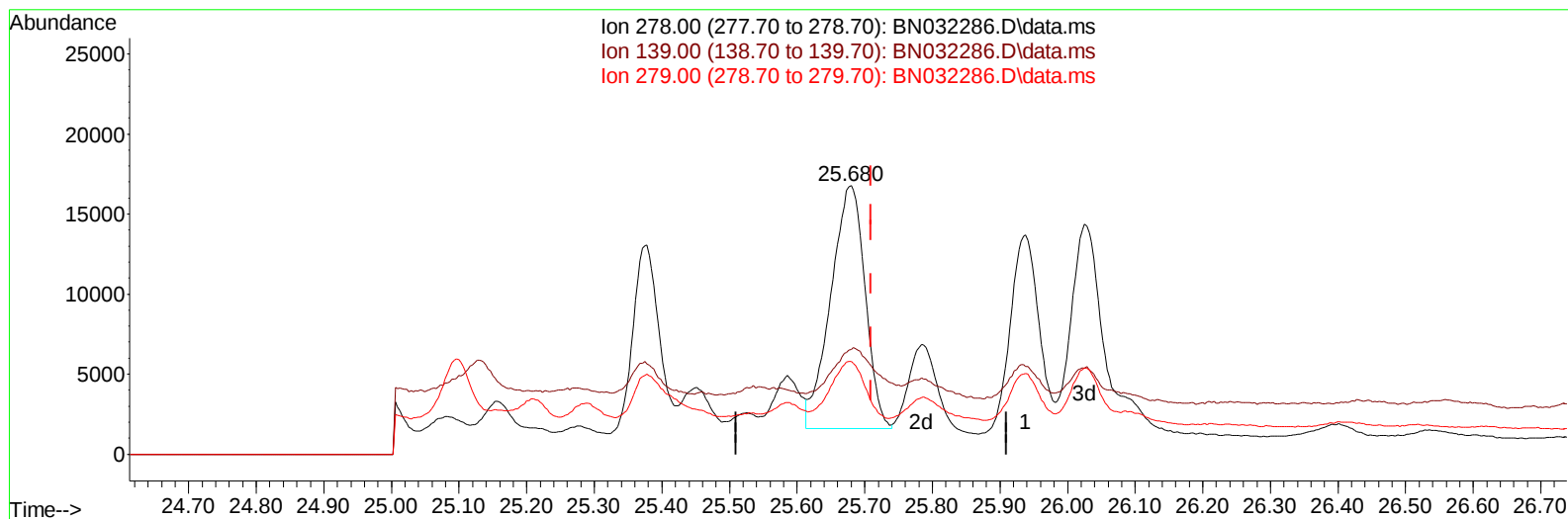
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
 Data File : BN032286.D
 Acq On : 27 Jun 2024 18:52
 Operator : MA/JU
 Sample : P2909-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B75

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:12 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: BN032286.D\data.ms

(28) Dibenzo(a,h)anthracene

25.680min (-0.030) 0.68 ng/ul m

response 53539

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	39.05#
279.00	26.40	34.64#
0.00	0.00	0.00

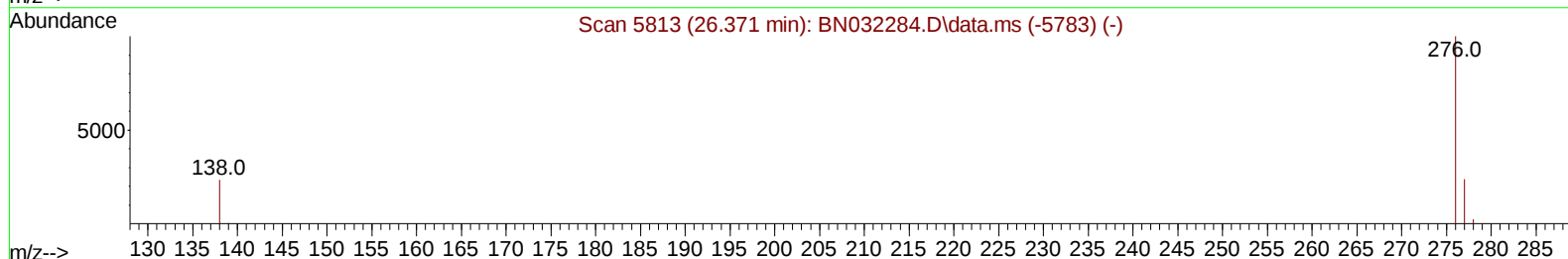
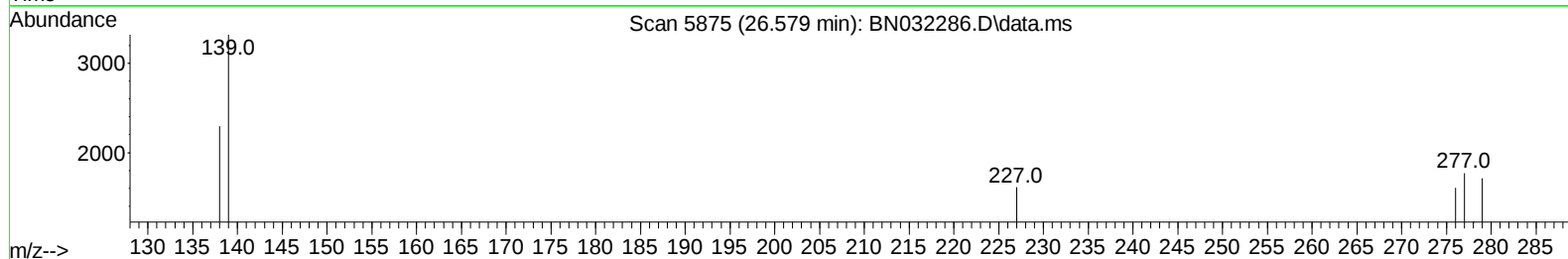
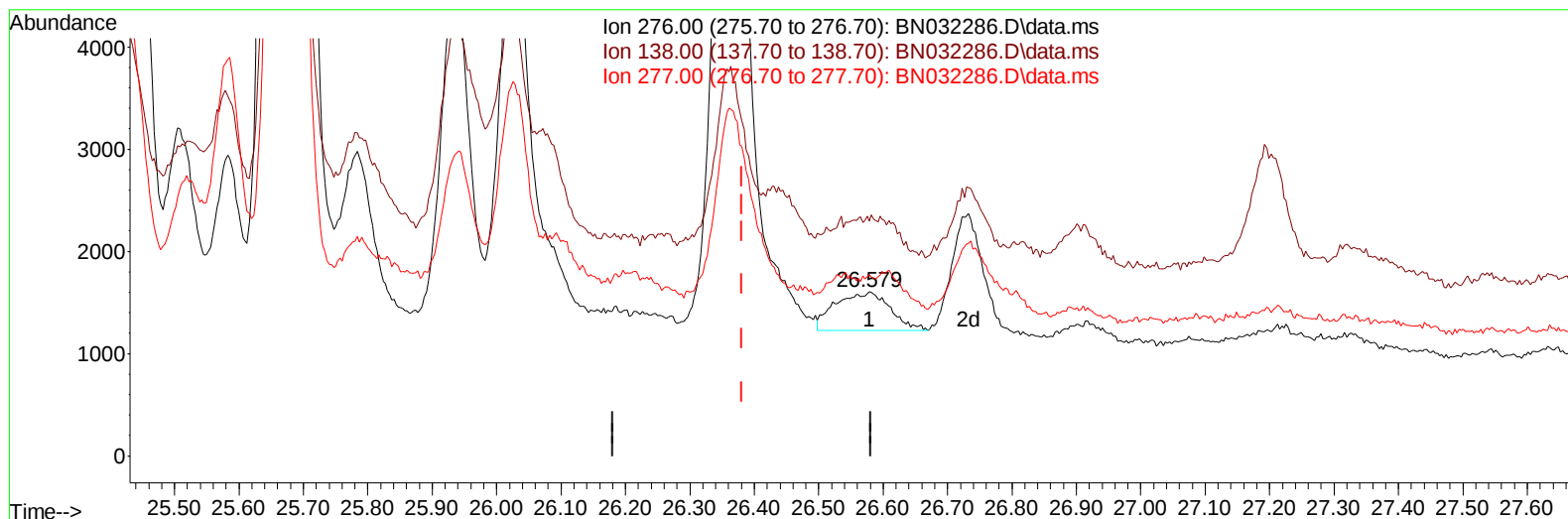
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032286.D
Acq On : 27 Jun 2024 18:52
Operator : MA/JU
Sample : P2909-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B75

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:12 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: BN032286.D\data.ms

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

26.579min (+ 0.198) 0.03 ng/u1

response 2231

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	142.90#
277.00	24.70	110.27#
0.00	0.00	0.00

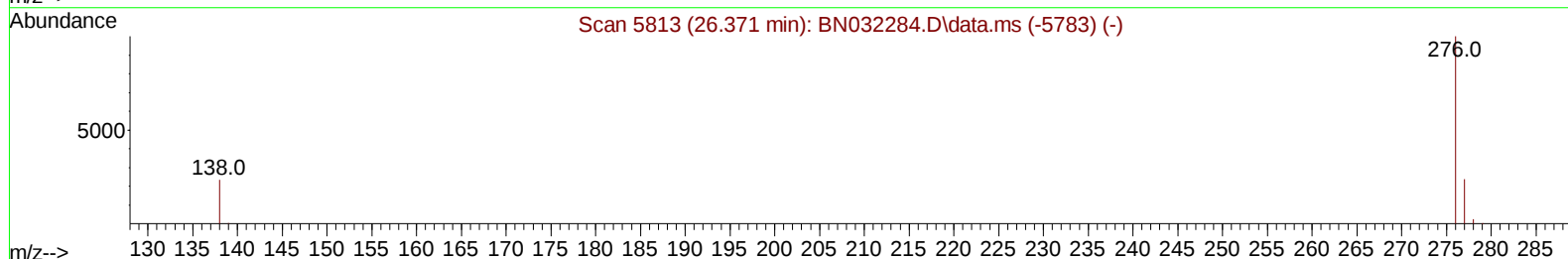
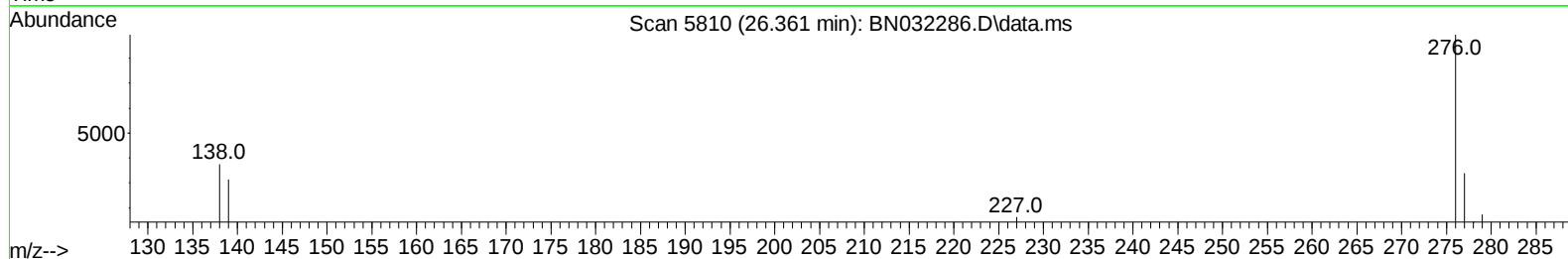
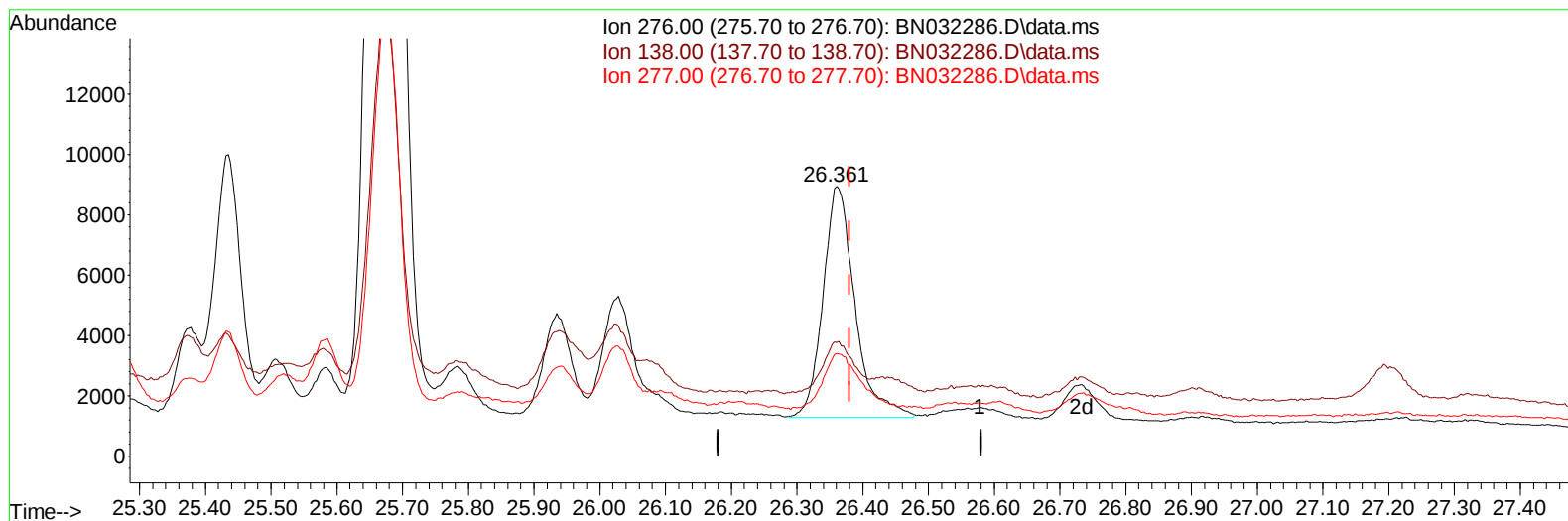
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032286.D
Acq On : 27 Jun 2024 18:52
Operator : MA/JU
Sample : P2909-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B75

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:12 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: BN032286.D\data.ms

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

26.361min (-0.020) 0.31 ng/ul m

response 26068

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	42.00#
277.00	24.70	38.02#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
 Data File : BN032286.D
 Acq On : 27 Jun 2024 18:52
 Operator : MA/JU
 Sample : P2909-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B75

Manual IntegrationsAPPROVED

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

Quant Time: Jun 28 00:27:12 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.620	152	9778	0.400	ng/ul	0.00
4) Naphthalene-d8	10.393	136	31911	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.262	164	20397	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.016	188	41606m	0.400	ng/ul	0.00
17) Chrysene-d12	21.217	240	21476m	0.400	ng/ul	0.00
23) Perylene-d12	23.438	264	22423m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	35117	3.231	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	11113	0.232	ng/ul	0.00
18) Fluoranthene-d10	19.050	212	22723m	0.352	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.442	128	15417	0.183	ng/ul	98
7) 2-Methylnaphthalene	12.065	142	8287	0.148	ng/ul	99
8) 1-Methylnaphthalene	12.290	142	6270	0.108	ng/ul	98
10) Acenaphthylene	13.985	152	23802	0.281	ng/ul#	92
11) Acenaphthene	14.327	153	24183	0.367	ng/ul	98
12) Fluorene	15.317	166	29365	0.374	ng/ul#	96
15) Phenanthrene	17.058	178	533031m	4.673	ng/ul	
16) Anthracene	17.151	178	98756m	0.971	ng/ul	
19) Fluoranthene	19.083	202	862544m	10.547	ng/ul	
20) Pyrene	19.450	202	607131m	7.104	ng/ul	
21) Benzo(a)anthracene	21.203	228	294380m	3.798	ng/ul	
22) Chrysene	21.252	228	354483m	4.167	ng/ul	
24) Benzo(b)fluoranthene	22.772	252	409920m	4.208	ng/ul	
25) Benzo(k)fluoranthene	22.810	252	159058m	1.680	ng/ul	
26) Benzo(a)pyrene	23.339	252	152532m	2.250	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.673	276	154569m	1.456	ng/ul	
28) Dibenzo(a,h)anthracene	25.680	278	53539m	0.679	ng/ul	
29) Benzo(g,h,i)perylene	26.361	276	26068m	0.308	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032286.D
Acq On : 27 Jun 2024 18:52
Operator : MA/JU
Sample : P2909-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B75

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:12 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

