

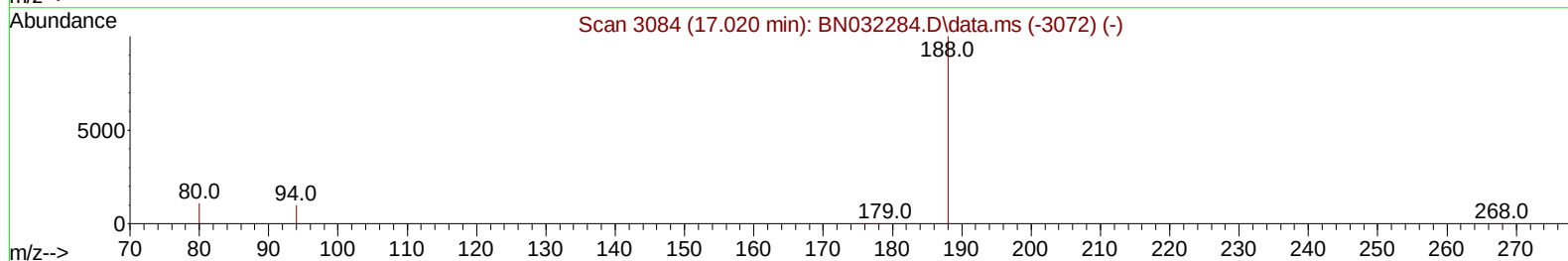
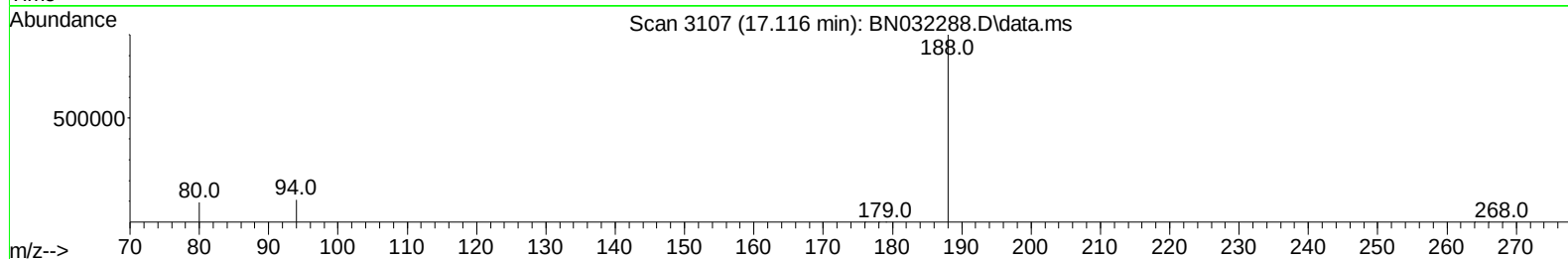
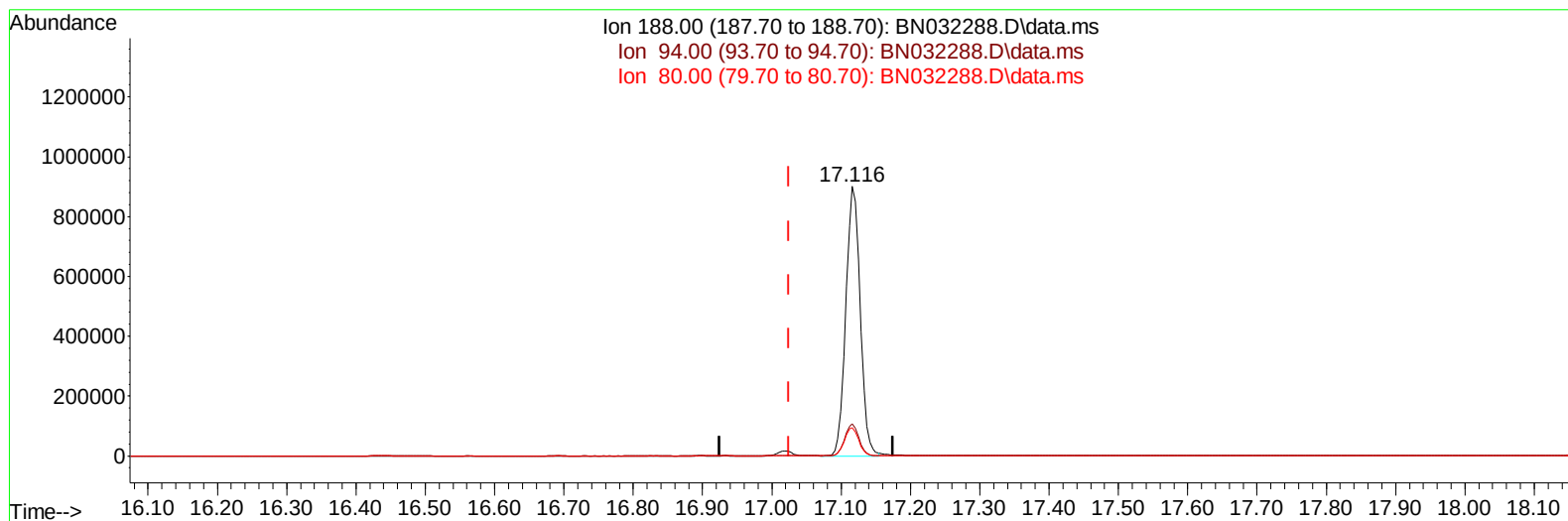
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032288.D
Acq On : 27 Jun 2024 20:05
Operator : MA/JU
Sample : P2909-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B78

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:33 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: BN032288.D\data.ms

(13) Phenanthrene-d10 (I)

17.116min (+ 0.092) 0.40 ng/u1

response 1297985

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.91
80.00	10.50	10.49
0.00	0.00	0.00

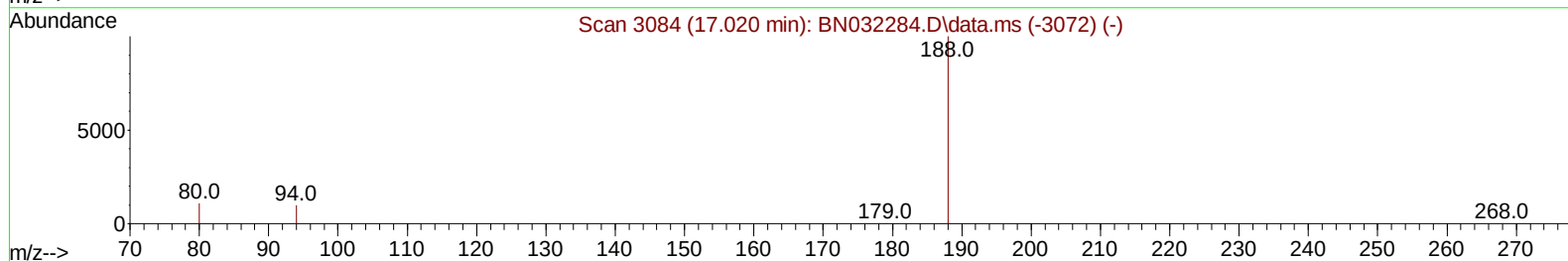
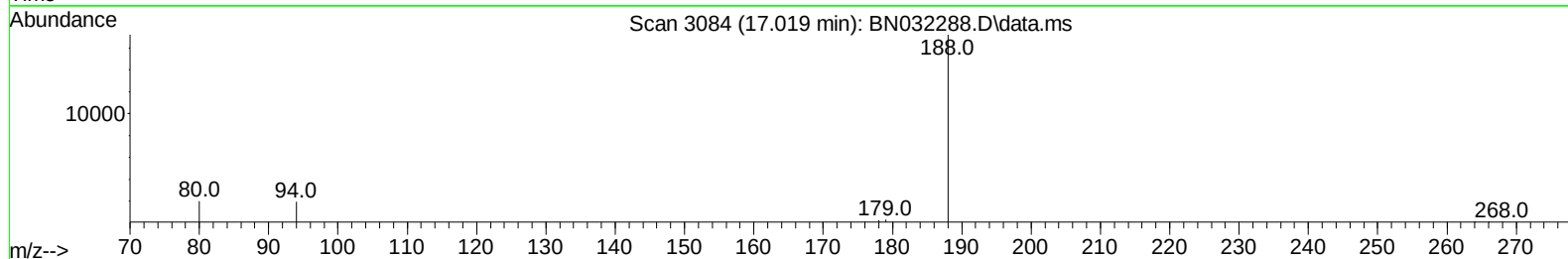
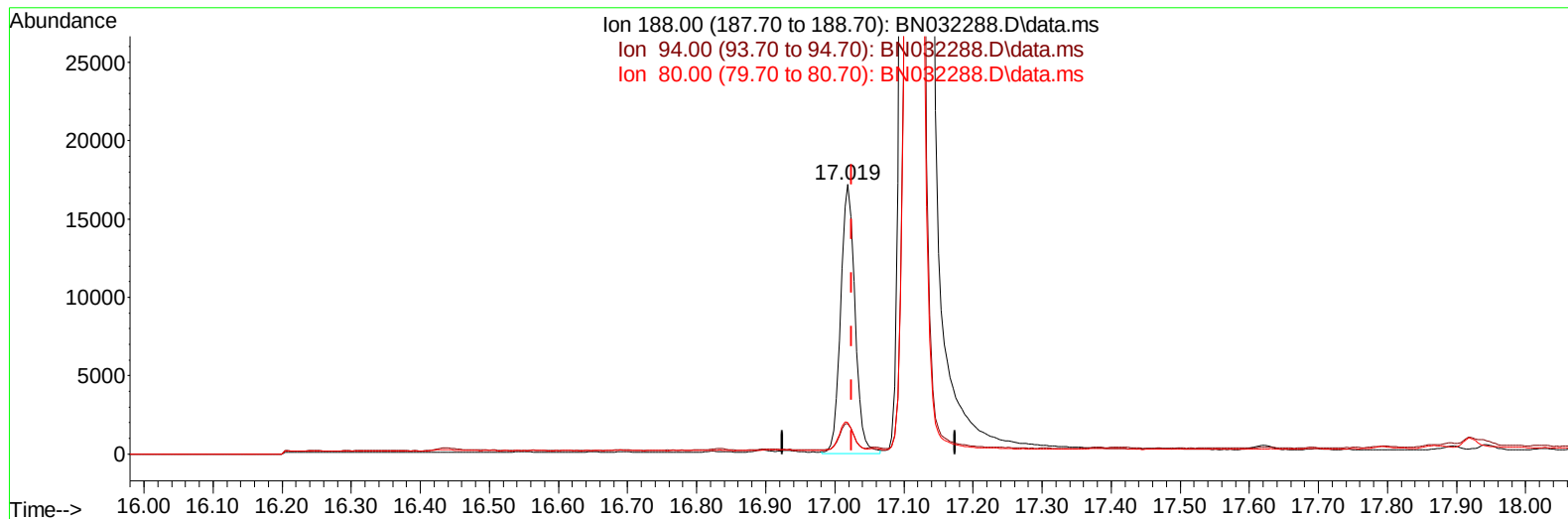
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032288.D
Acq On : 27 Jun 2024 20:05
Operator : MA/JU
Sample : P2909-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B78

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:33 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: BN032288.D\data.ms

(13) Phenanthrene-d10 (I)

17.019min (-0.005) 0.40 ng/ul m

response 24762

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.34
80.00	10.50	11.63
0.00	0.00	0.00

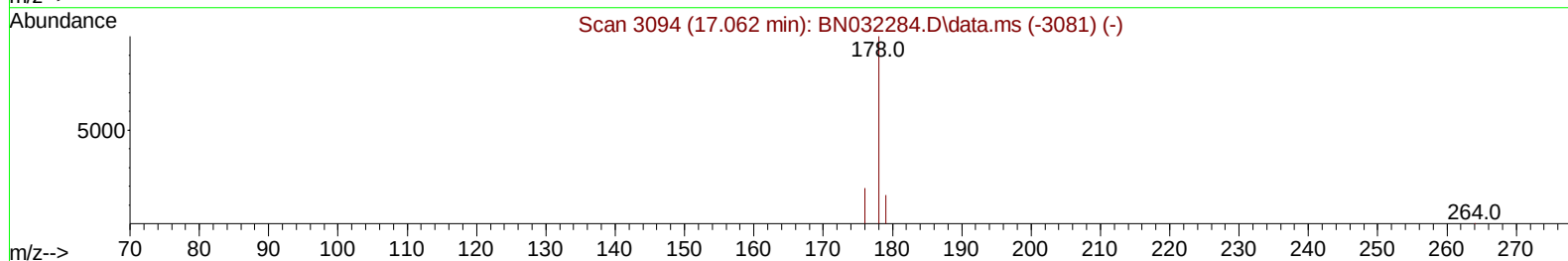
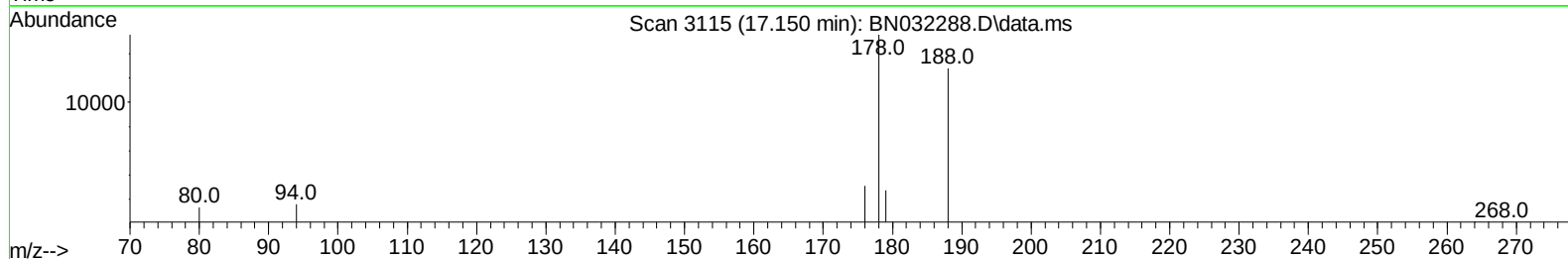
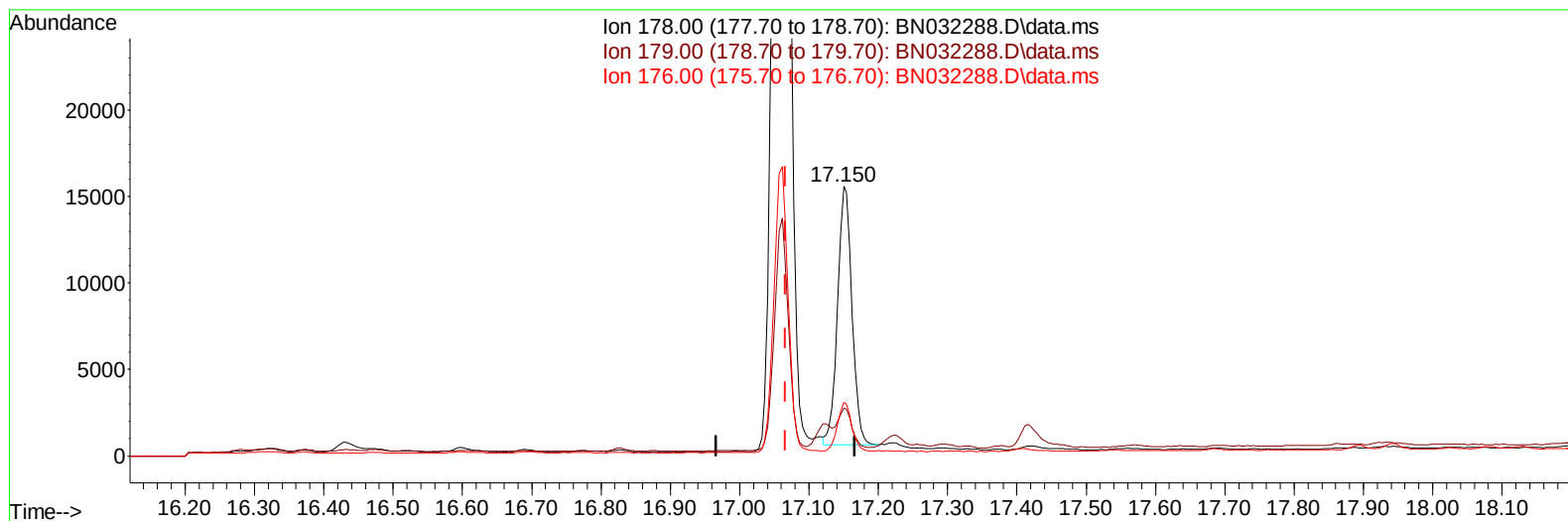
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
 Data File : BN032288.D
 Acq On : 27 Jun 2024 20:05
 Operator : MA/JU
 Sample : P2909-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B78

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:33 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: BN032288.D\data.ms

(15) Phenanthrene

17.150min (+ 0.083) 0.32 ng/u1

response 21563

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	17.72
176.00	19.50	19.85
0.00	0.00	0.00

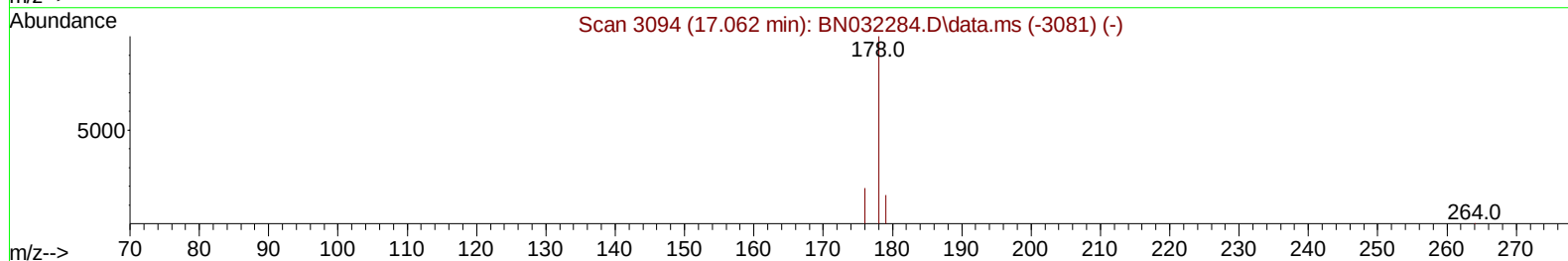
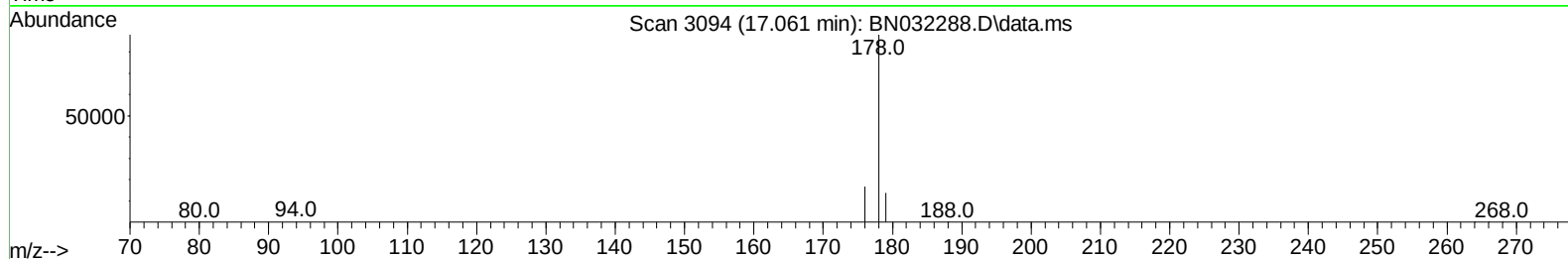
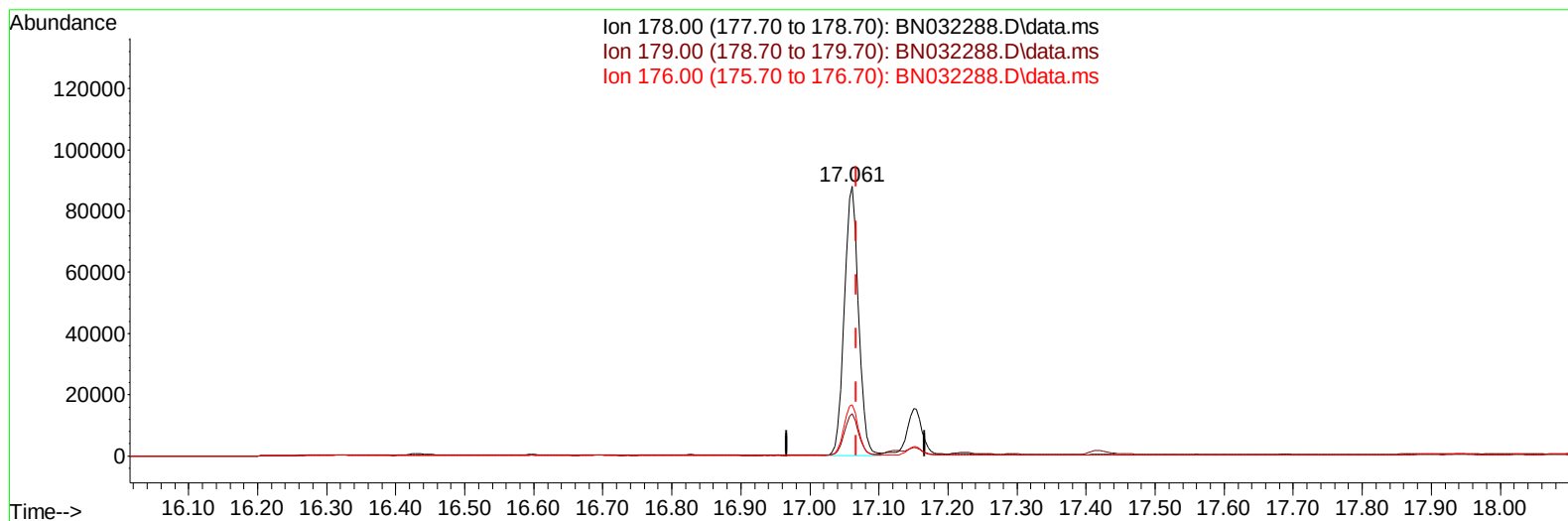
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032288.D
Acq On : 27 Jun 2024 20:05
Operator : MA/JU
Sample : P2909-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B78

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:33 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: BN032288.D\data.ms

(15) Phenanthrene

17.061min (-0.005) 1.84 ng/ul m

response 125190

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.64
176.00	19.50	18.98
0.00	0.00	0.00

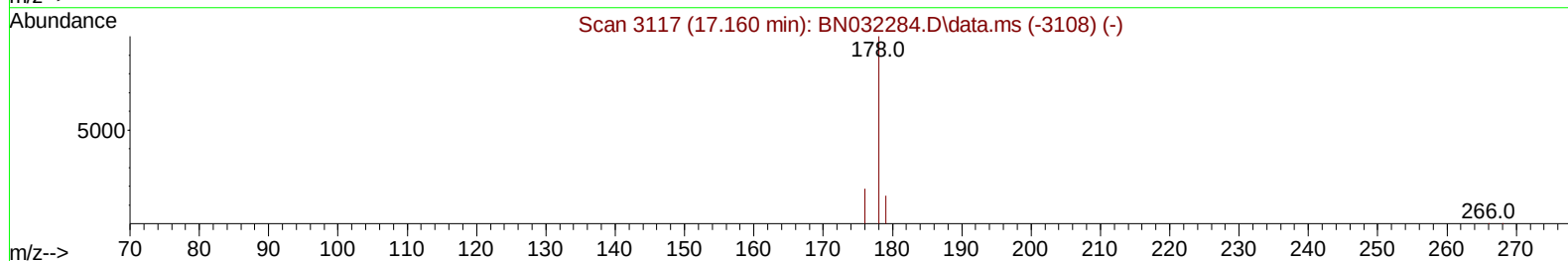
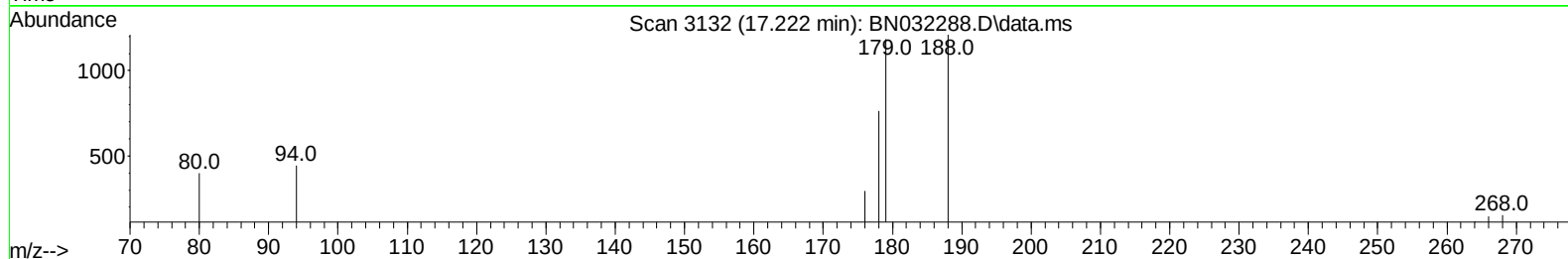
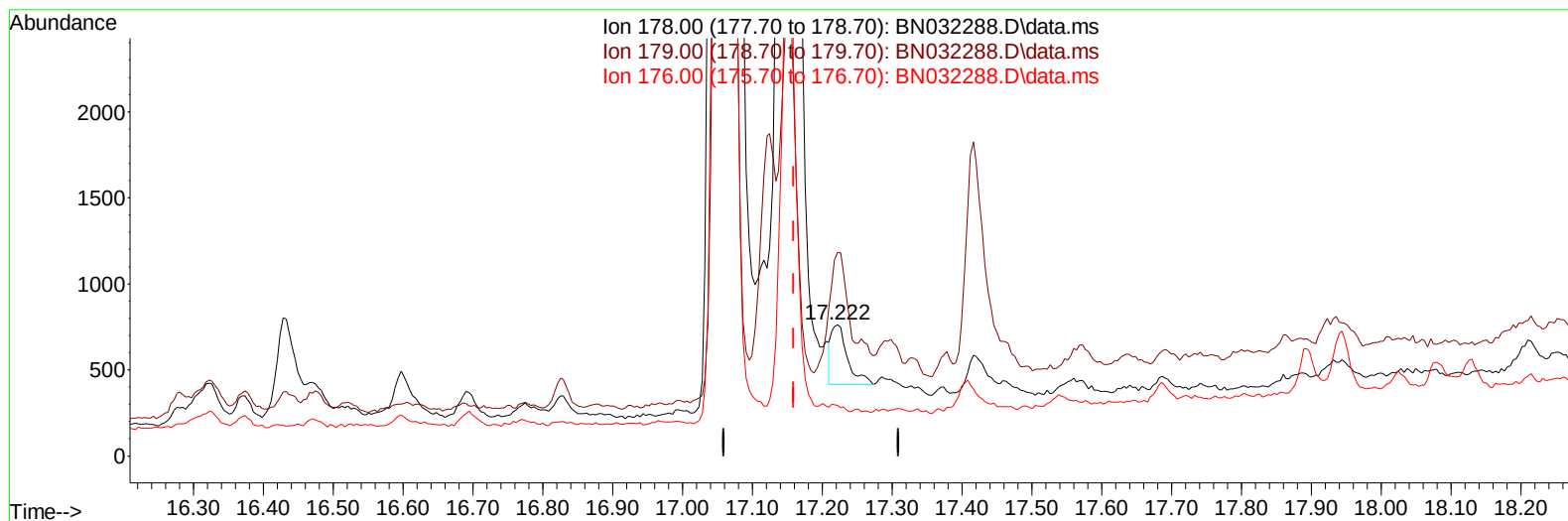
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032288.D
Acq On : 27 Jun 2024 20:05
Operator : MA/JU
Sample : P2909-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B78

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:33 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: BN032288.D\data.ms

(16) Anthracene

17.222min (+ 0.062) 0.01 ng/u1

response 550

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	154.84#
176.00	18.80	38.61#
0.00	0.00	0.00

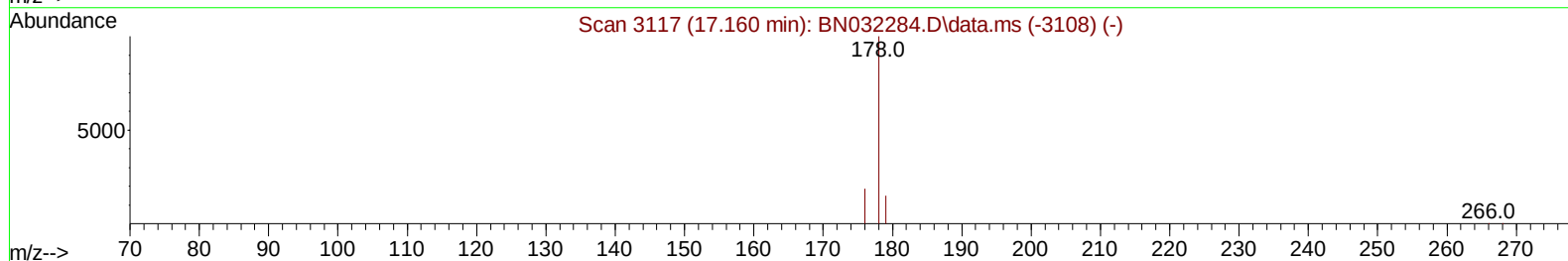
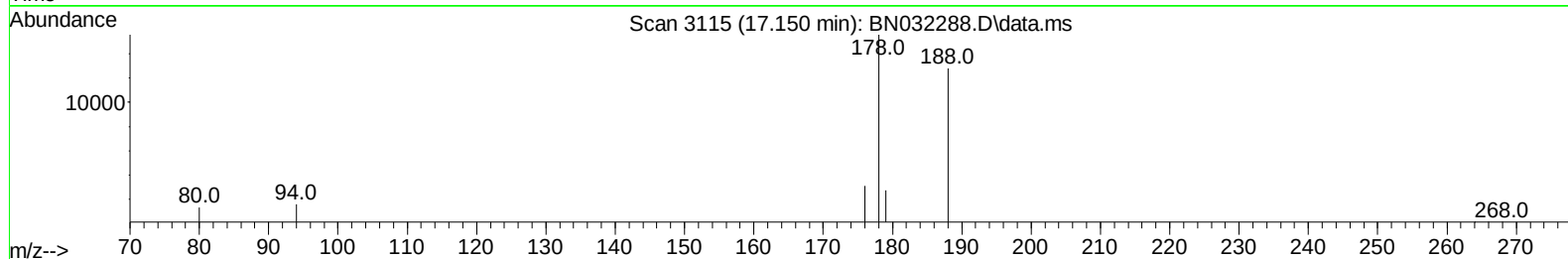
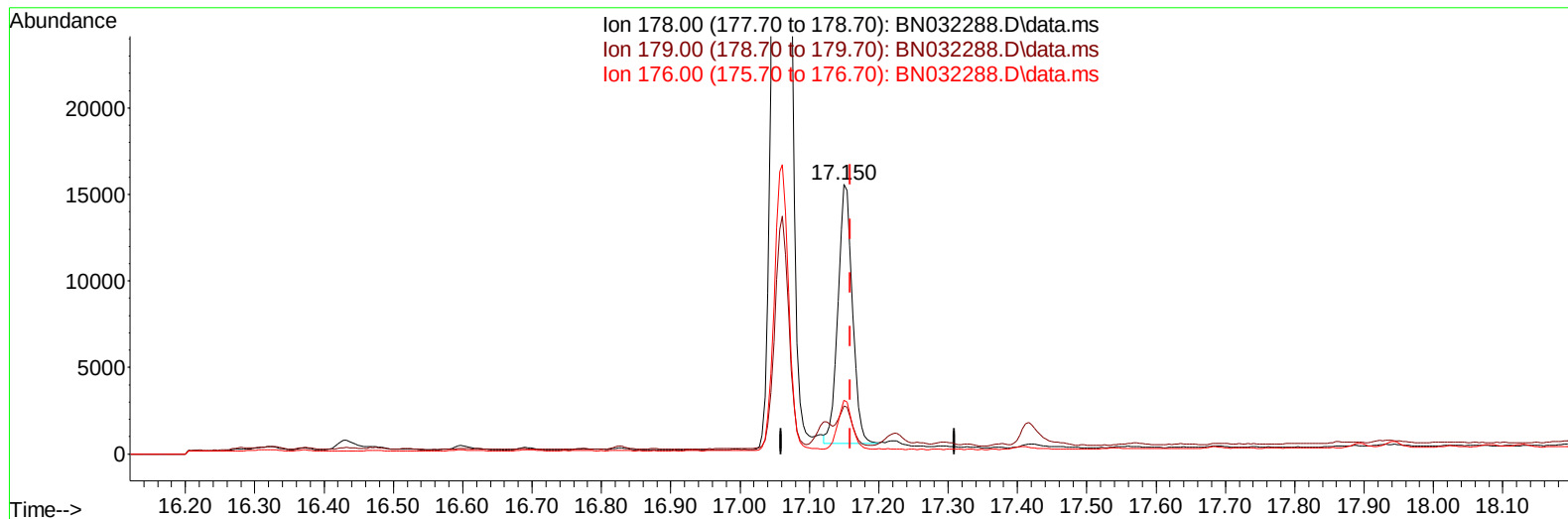
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032288.D
Acq On : 27 Jun 2024 20:05
Operator : MA/JU
Sample : P2909-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B78

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:33 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: BN032288.D\data.ms

(16) Anthracene

17.150min (-0.010) 0.36 ng/ul m

response 21712

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	17.72
176.00	18.80	19.85
0.00	0.00	0.00

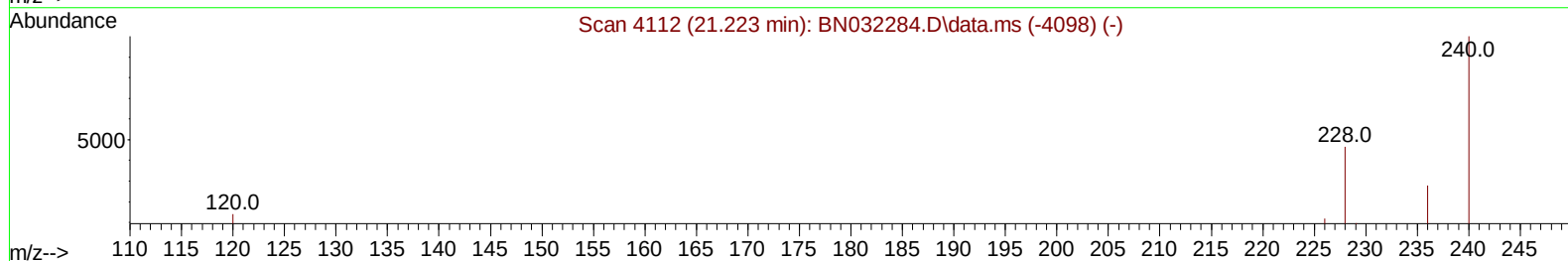
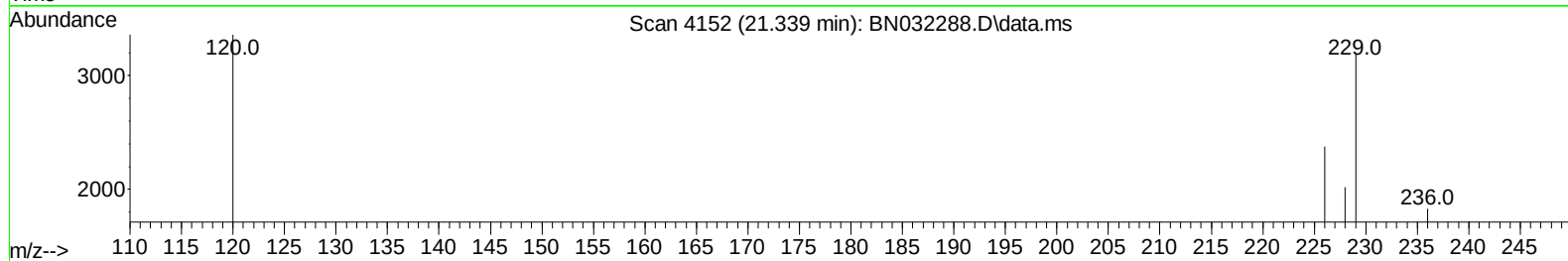
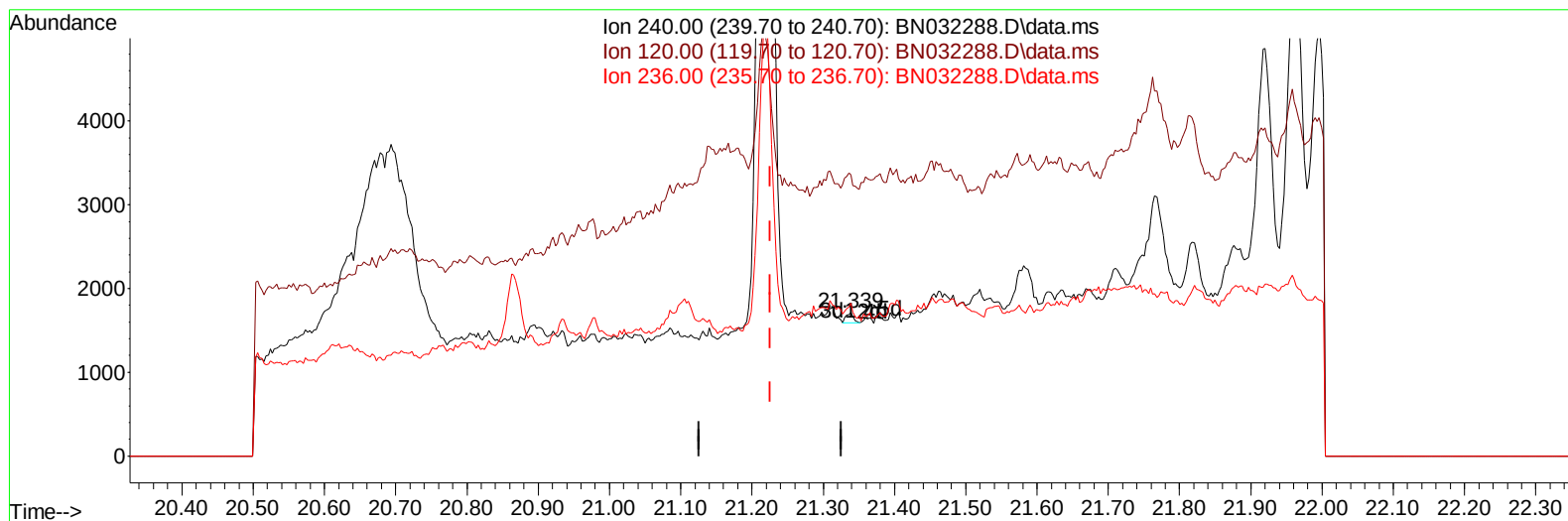
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032288.D
Acq On : 27 Jun 2024 20:05
Operator : MA/JU
Sample : P2909-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B78

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:33 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: BN032288.D\data.ms

(17) Chrysene-d12

21.339min (+ 0.113) 0.40 ng/u1

response 85

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	196.20#
236.00	28.40	106.78#
0.00	0.00	0.00

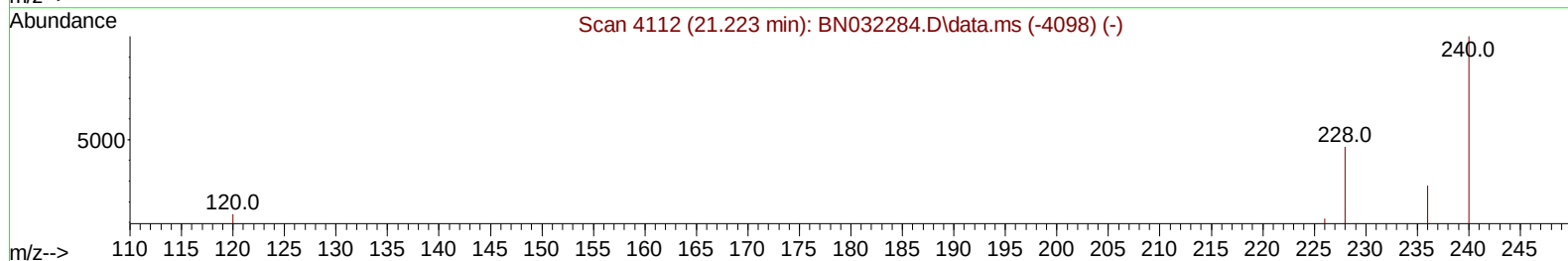
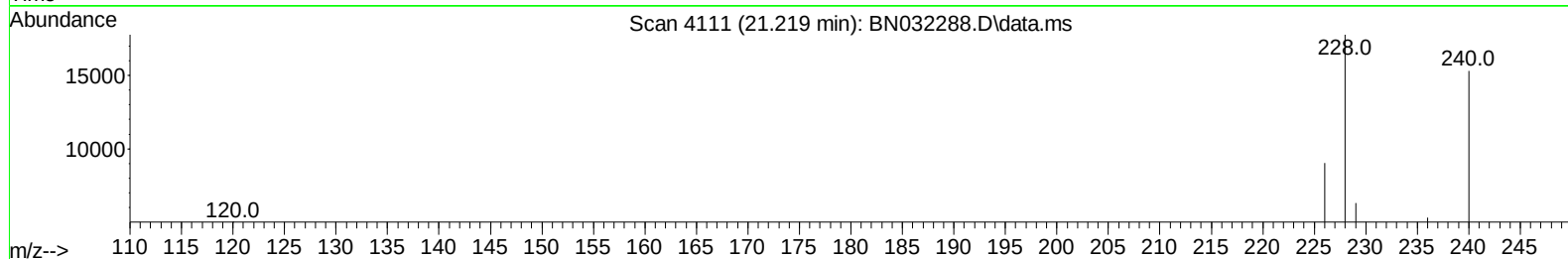
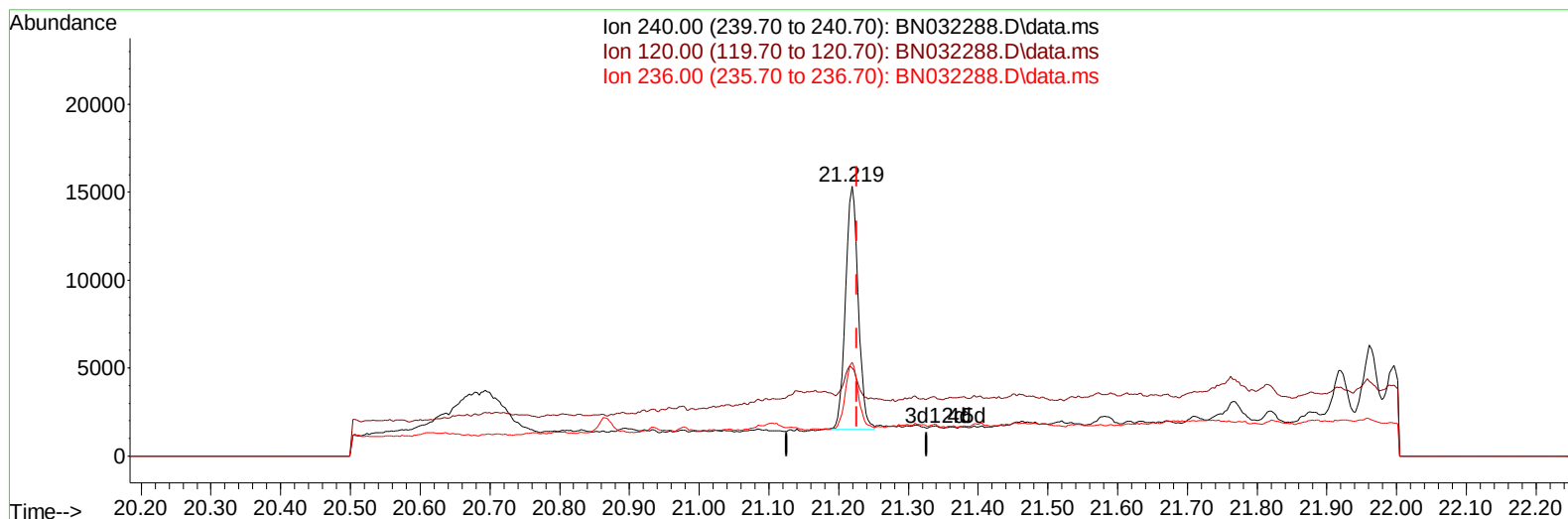
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032288.D
Acq On : 27 Jun 2024 20:05
Operator : MA/JU
Sample : P2909-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B78

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:33 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: BN032288.D\data.ms

(17) Chrysene-d12

21.219min (-0.007) 0.40 ng/ul m

response 17553

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	32.74#
236.00	28.40	34.79#
0.00	0.00	0.00

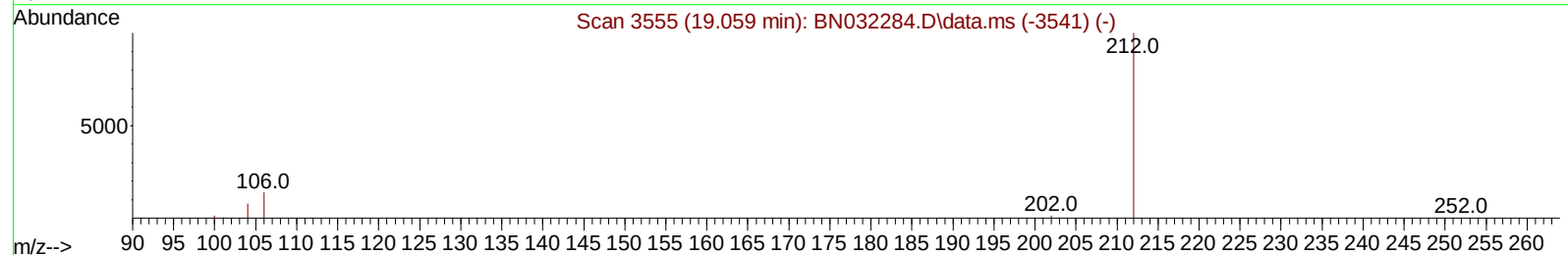
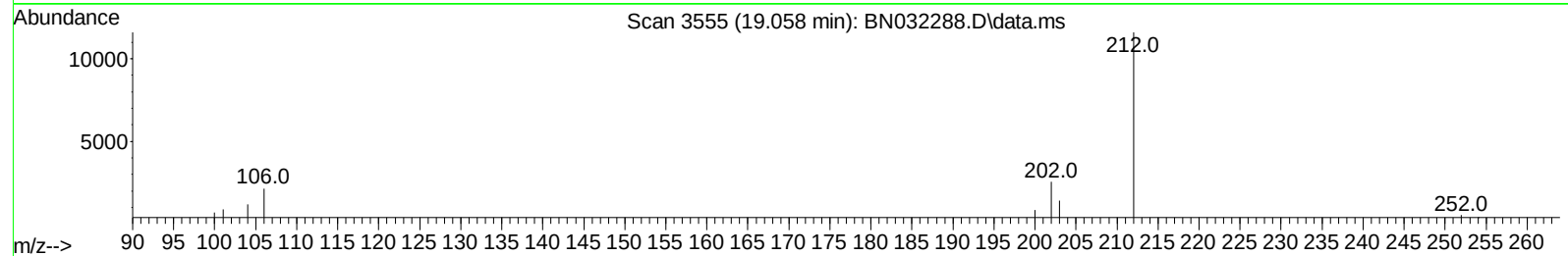
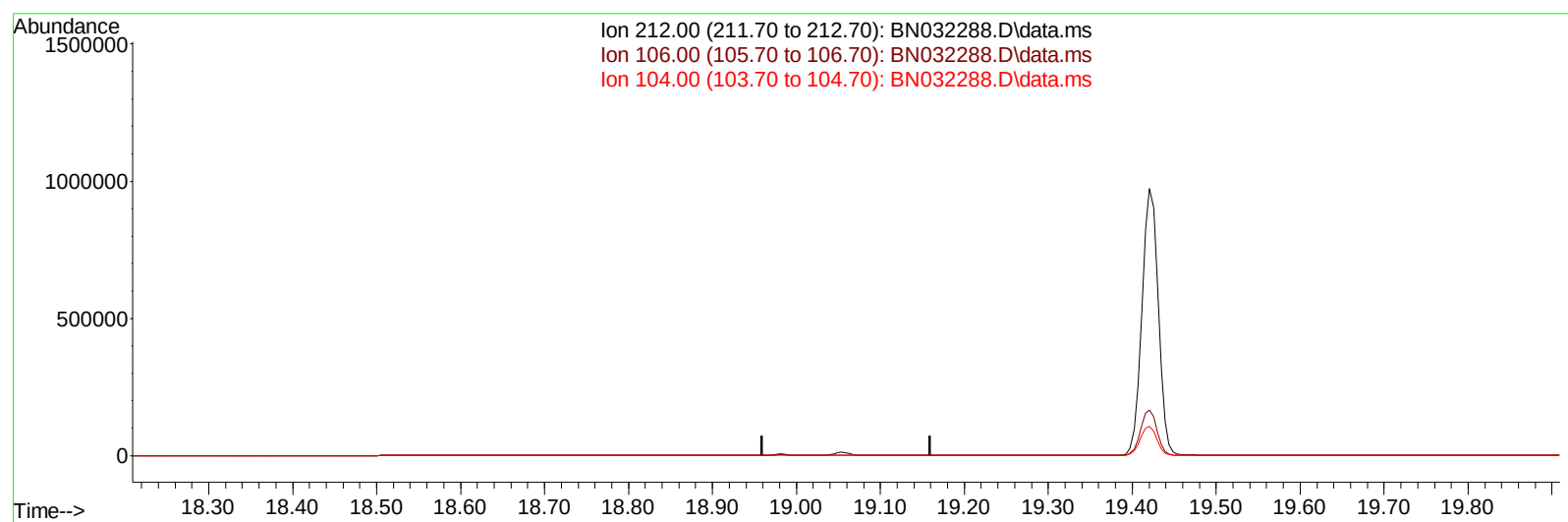
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032288.D
Acq On : 27 Jun 2024 20:05
Operator : MA/JU
Sample : P2909-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B78

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:33 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: BN032288.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

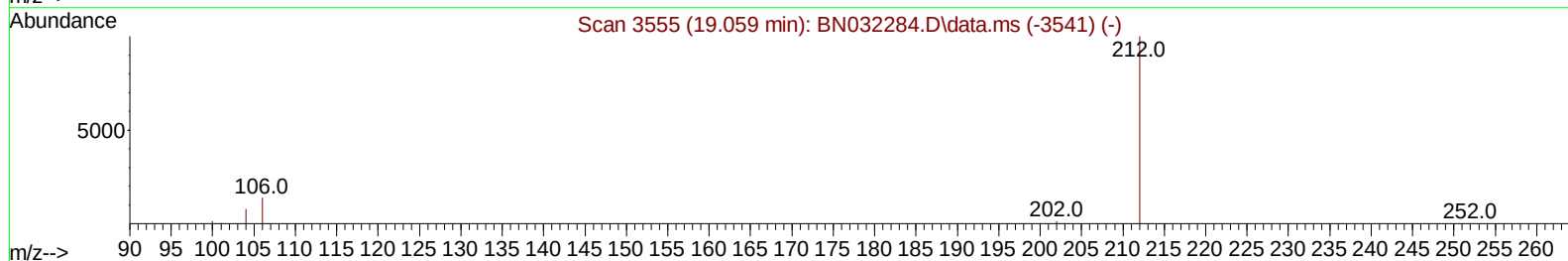
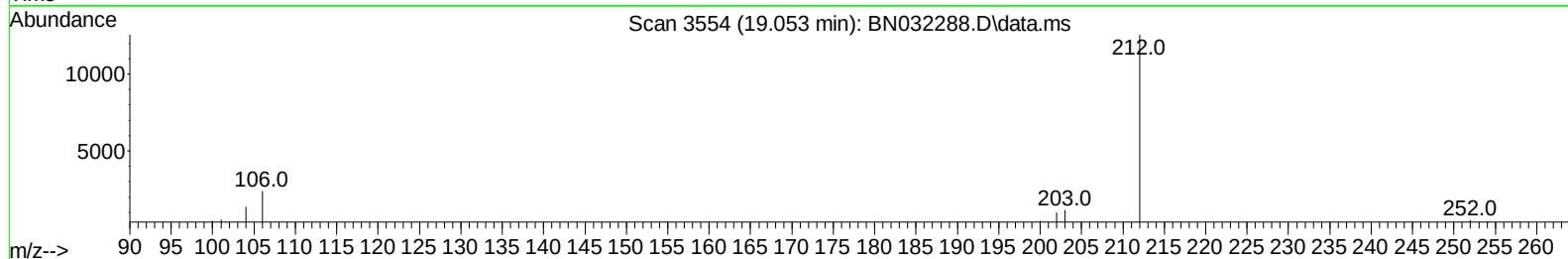
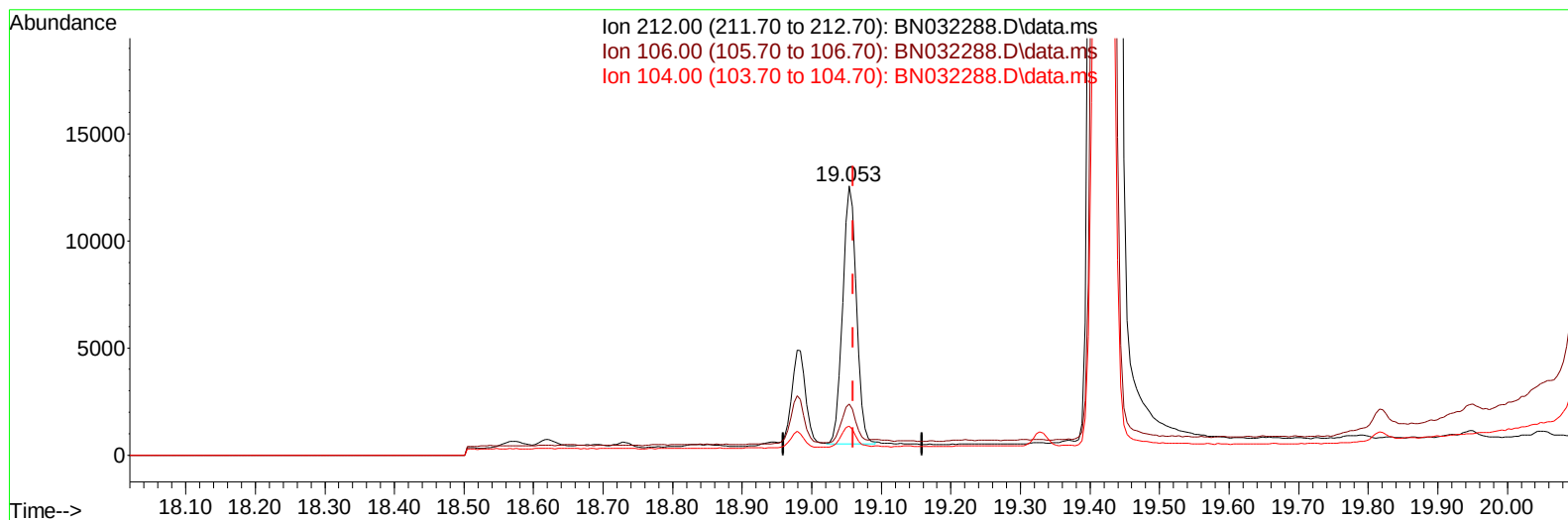
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032288.D
Acq On : 27 Jun 2024 20:05
Operator : MA/JU
Sample : P2909-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B78

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:33 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: BN032288.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.053min (-0.006) 0.32 ng/ul m

response 16695

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

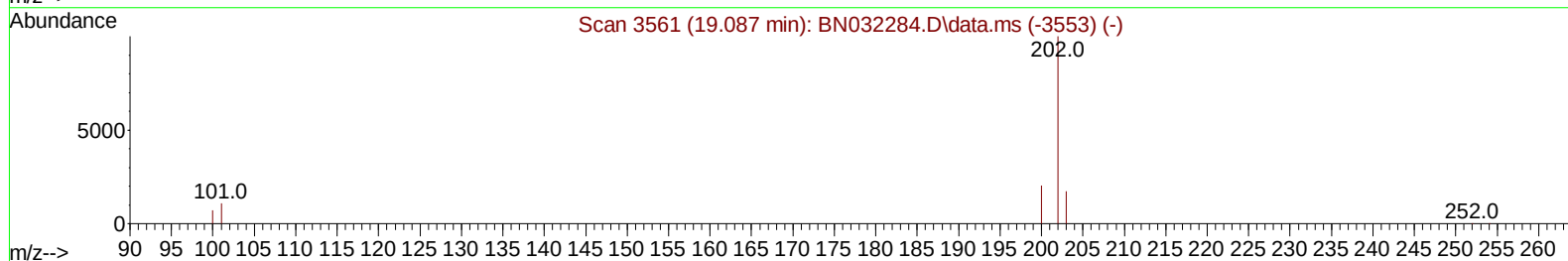
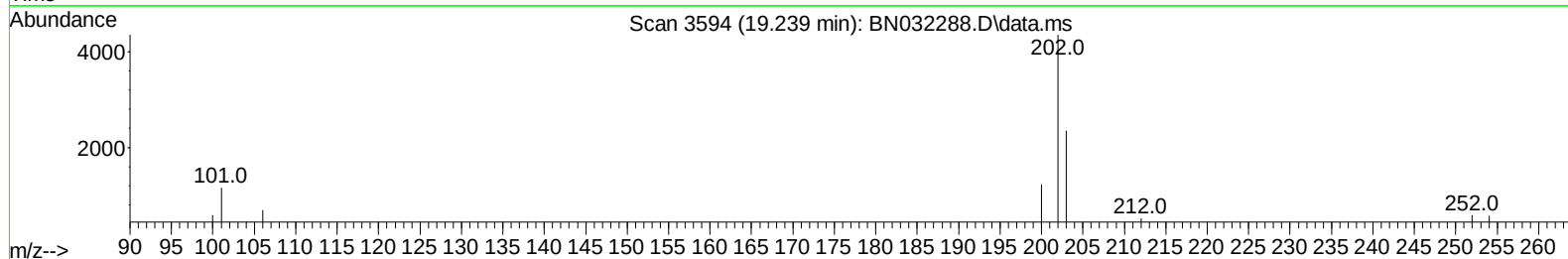
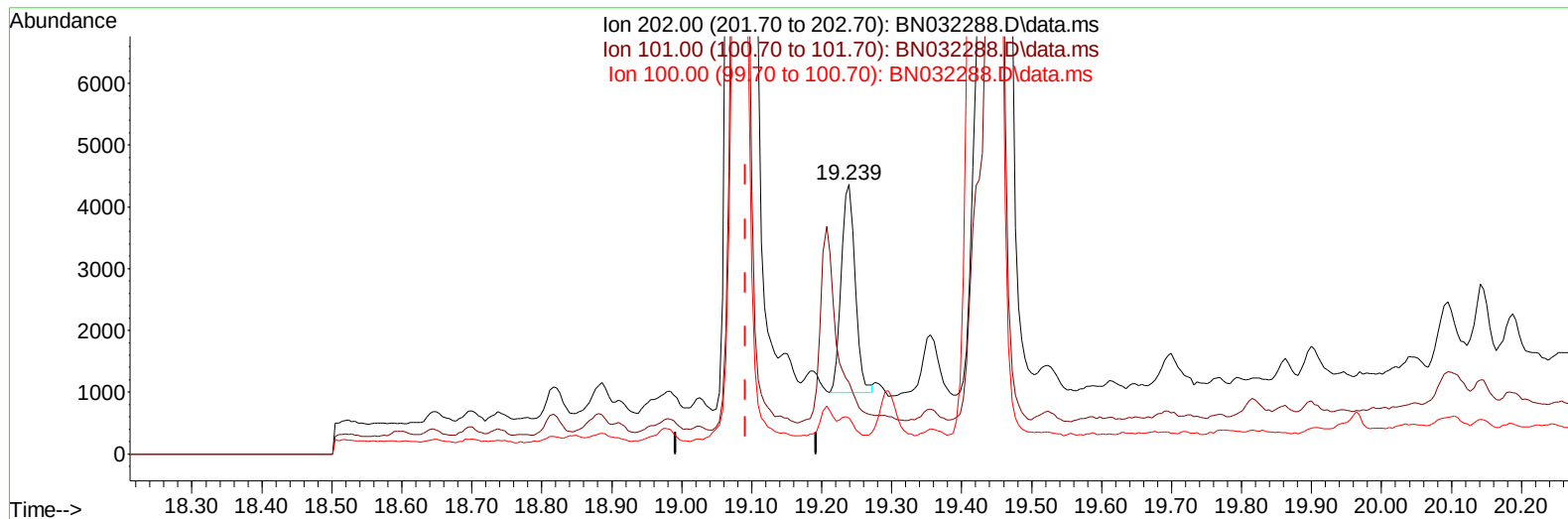
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032288.D
Acq On : 27 Jun 2024 20:05
Operator : MA/JU
Sample : P2909-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B78

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:33 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: BN032288.D\data.ms

(19) Fluoranthene (C)

19.239min (+ 0.147) 0.07 ng/u1

response 4618

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	26.55#
100.00	8.00	13.30#
0.00	0.00	0.00

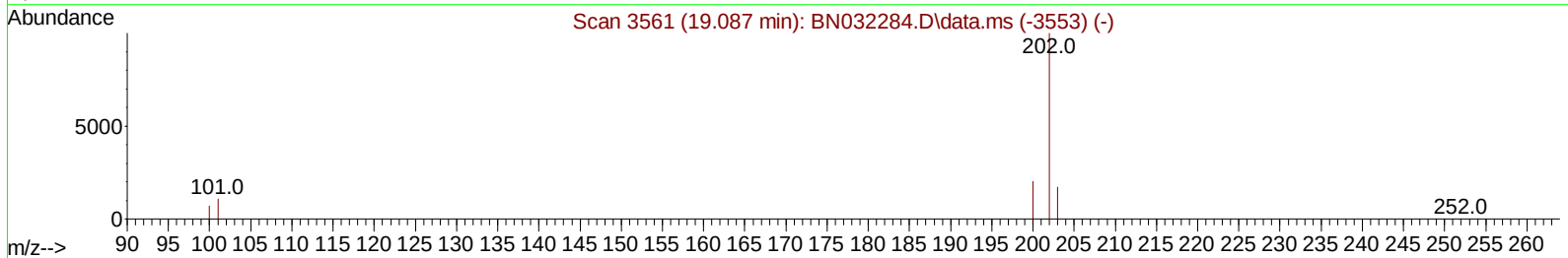
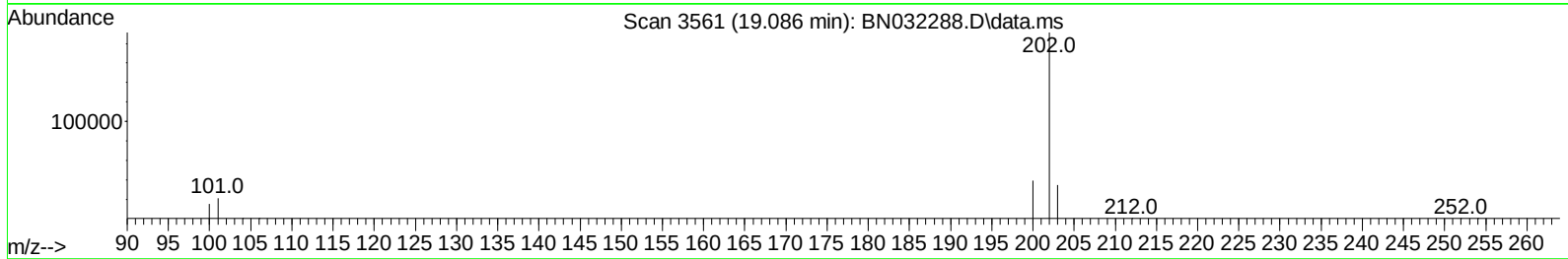
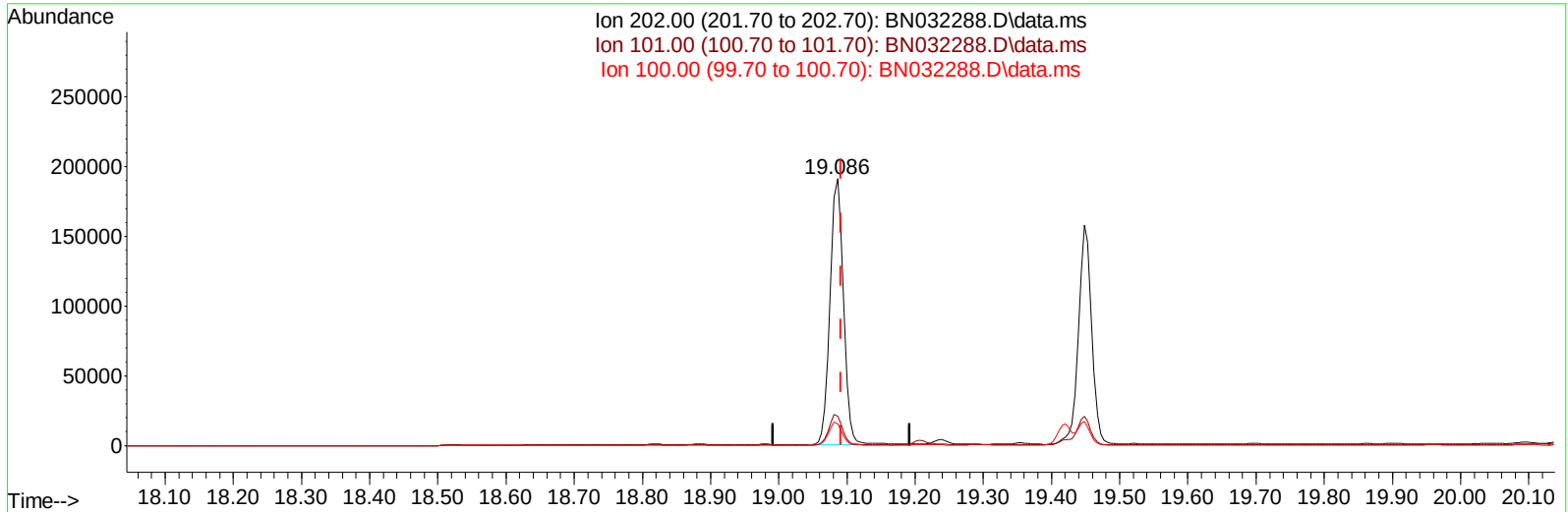
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032288.D
Acq On : 27 Jun 2024 20:05
Operator : MA/JU
Sample : P2909-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B78

Manual IntegrationsAPPROVED

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

Quant Time: Jun 28 00:27:33 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: BN032288.D\data.ms

(19) Fluoranthene (C)**19.086min (-0.006) 3.80 ng/ul m****response 253723**

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.10
100.00	8.00	8.14
0.00	0.00	0.00

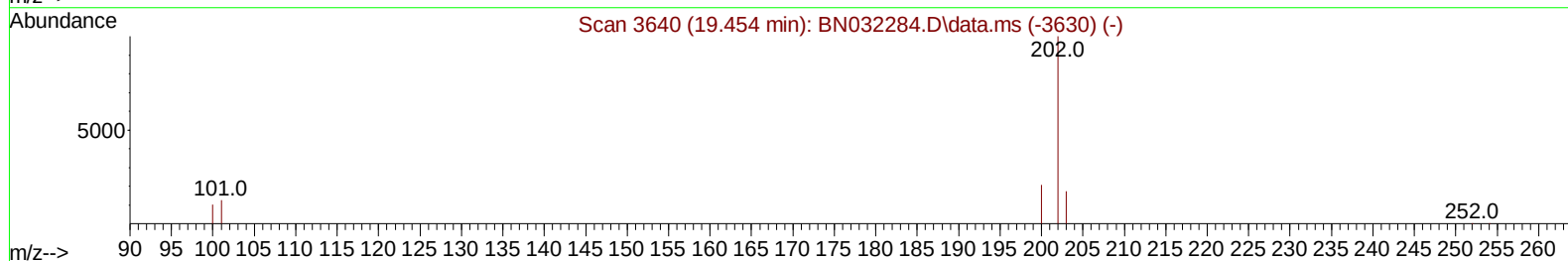
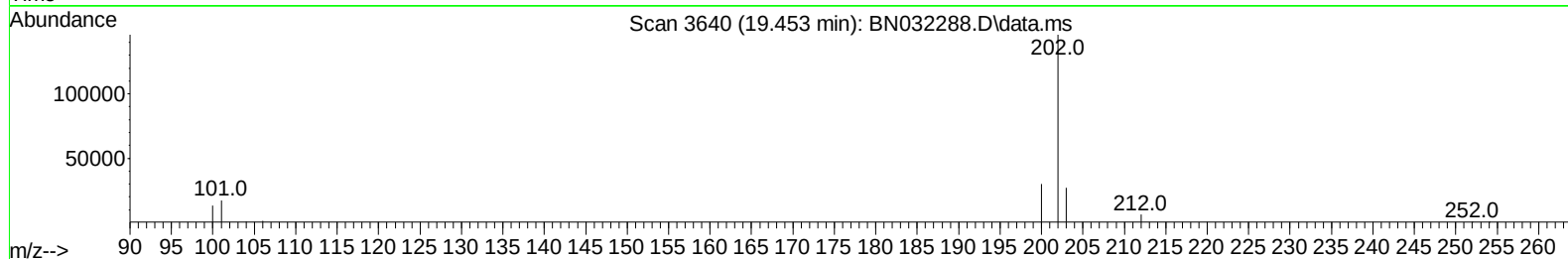
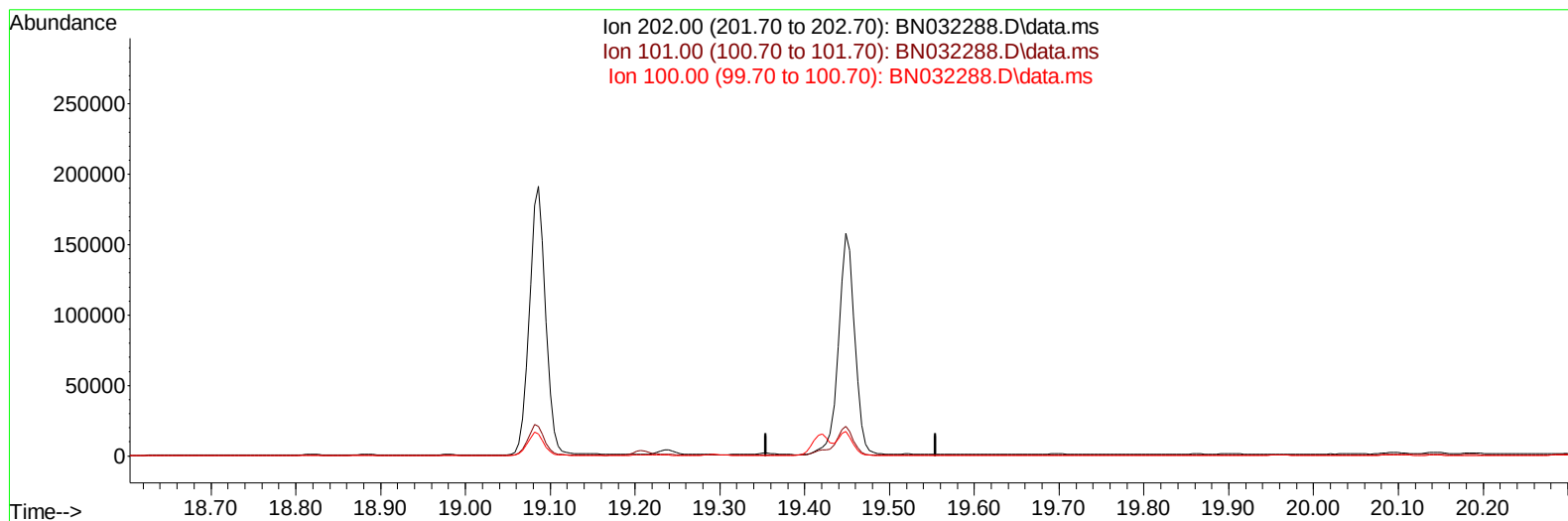
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032288.D
Acq On : 27 Jun 2024 20:05
Operator : MA/JU
Sample : P2909-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B78

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:33 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: BN032288.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

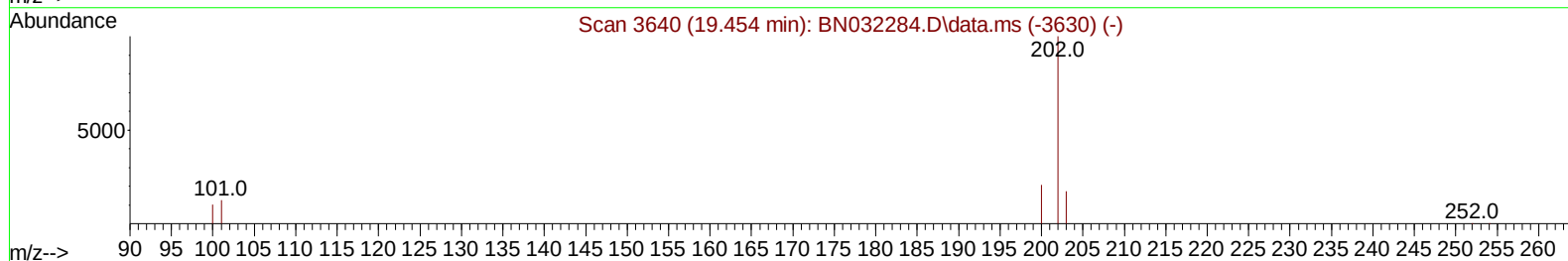
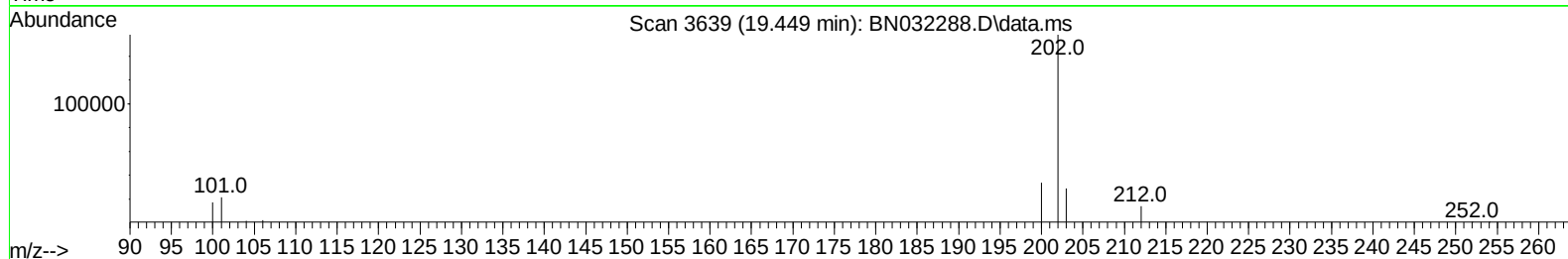
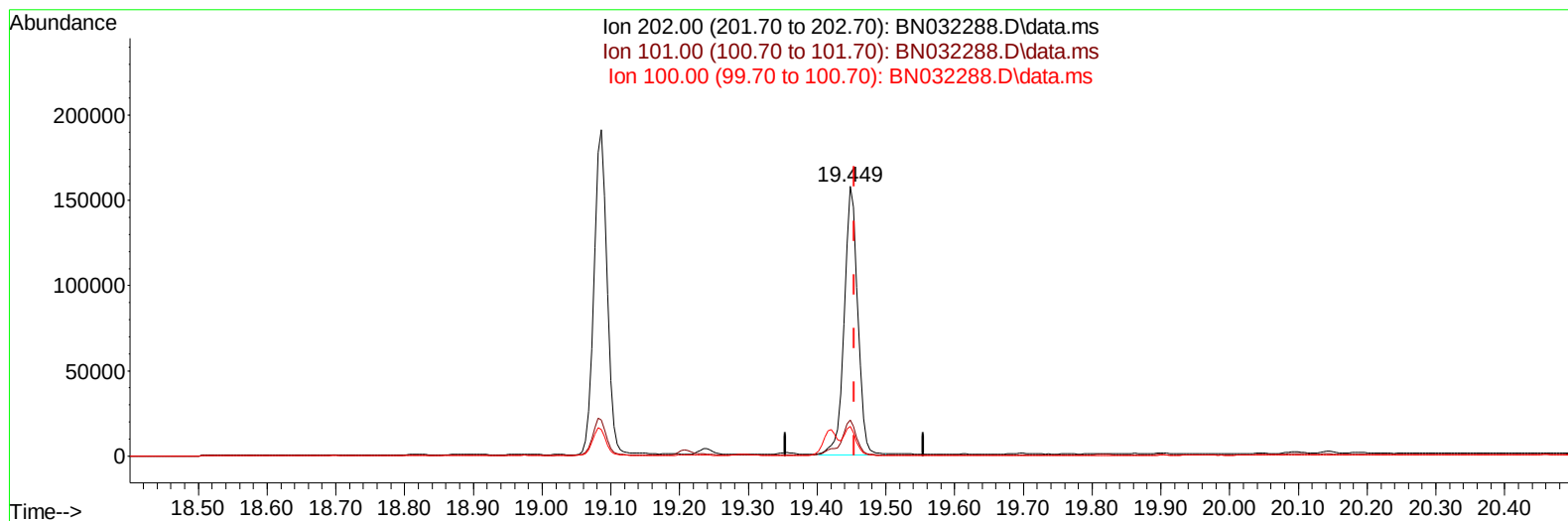
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032288.D
Acq On : 27 Jun 2024 20:05
Operator : MA/JU
Sample : P2909-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B78

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:33 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: BN032288.D\data.ms

(20) Pyrene

19.449min (-0.006) 3.06 ng/ul m

response 213537

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	13.38
100.00	10.90	10.90
0.00	0.00	0.00

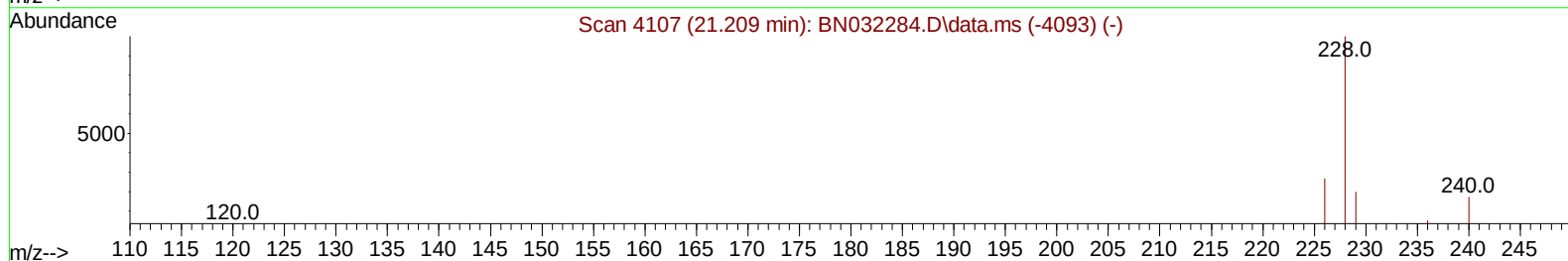
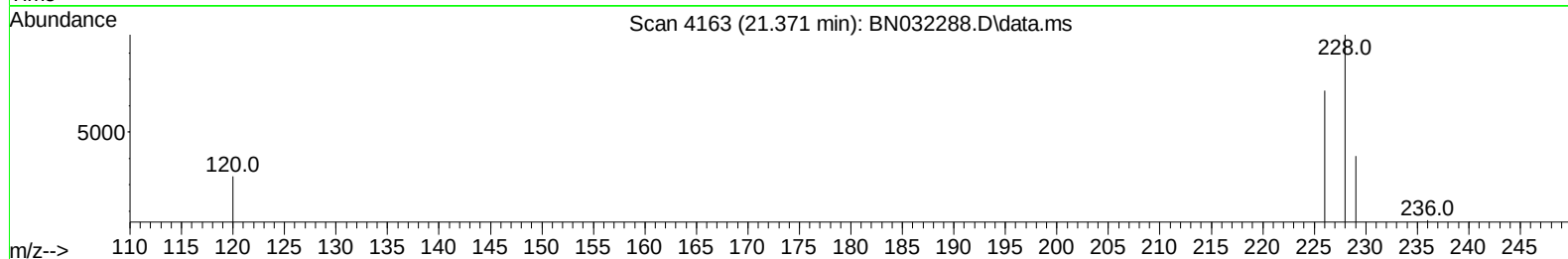
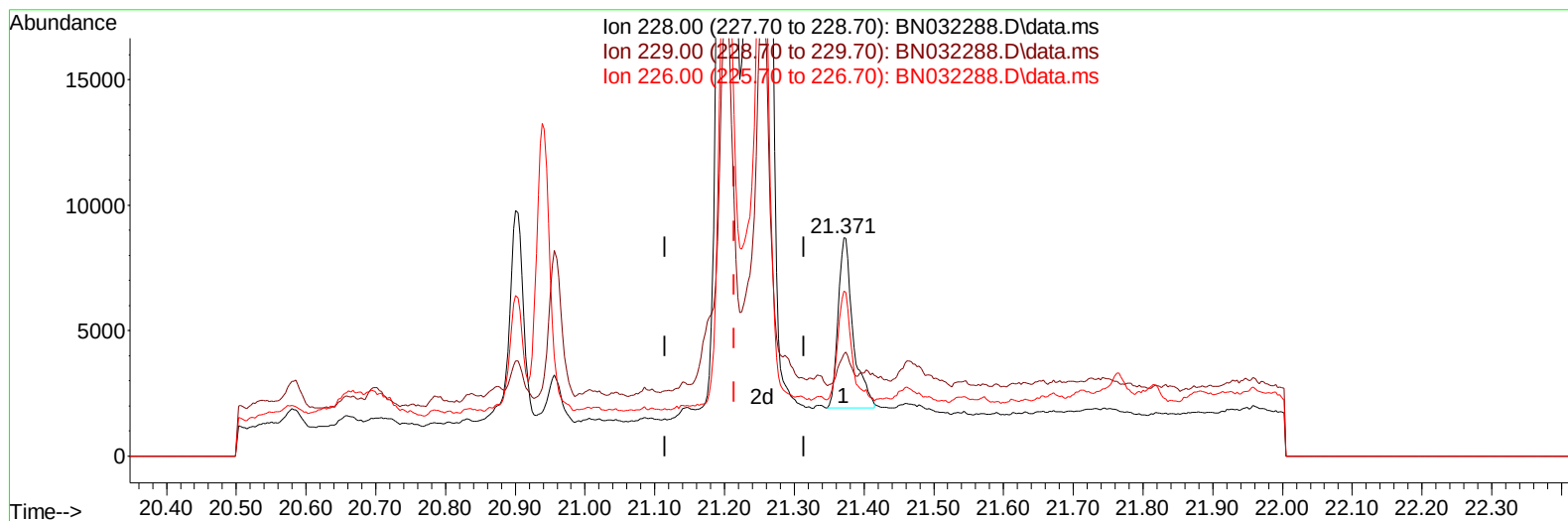
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032288.D
Acq On : 27 Jun 2024 20:05
Operator : MA/JU
Sample : P2909-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B78

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:33 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: BN032288.D\data.ms

(21) Benzo(a)anthracene

21.371min (+ 0.156) 0.16 ng/u1

response 10127

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	46.92#
226.00	27.30	75.58#
0.00	0.00	0.00

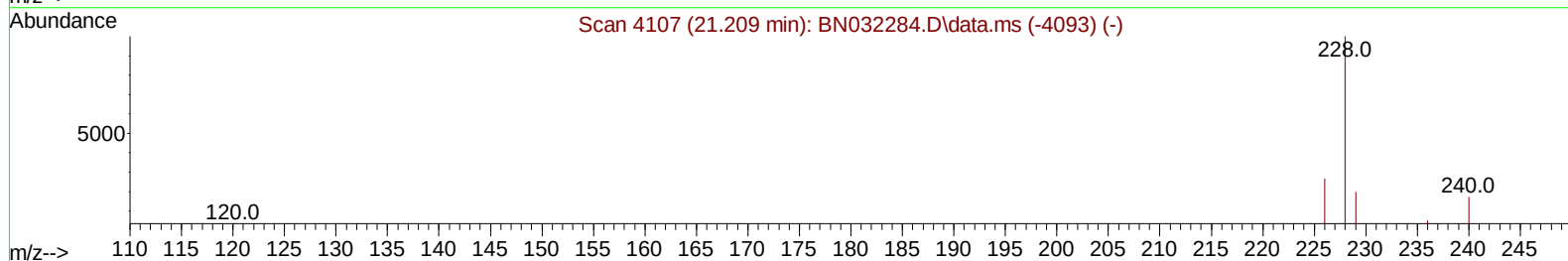
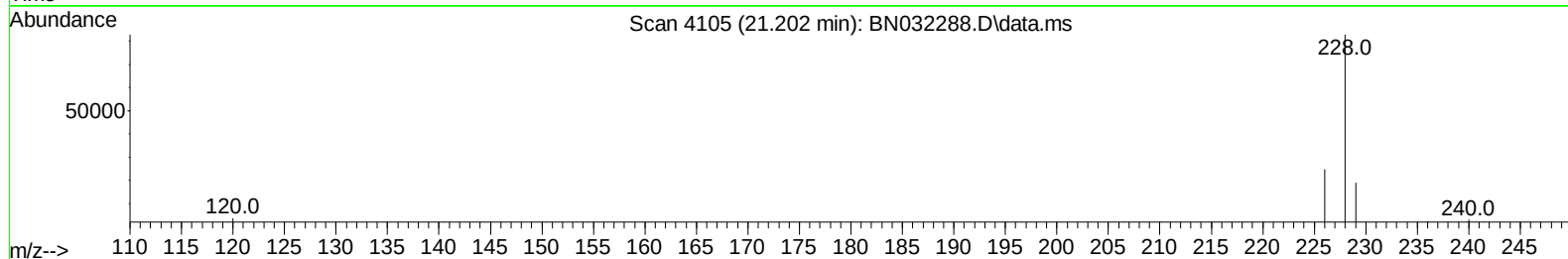
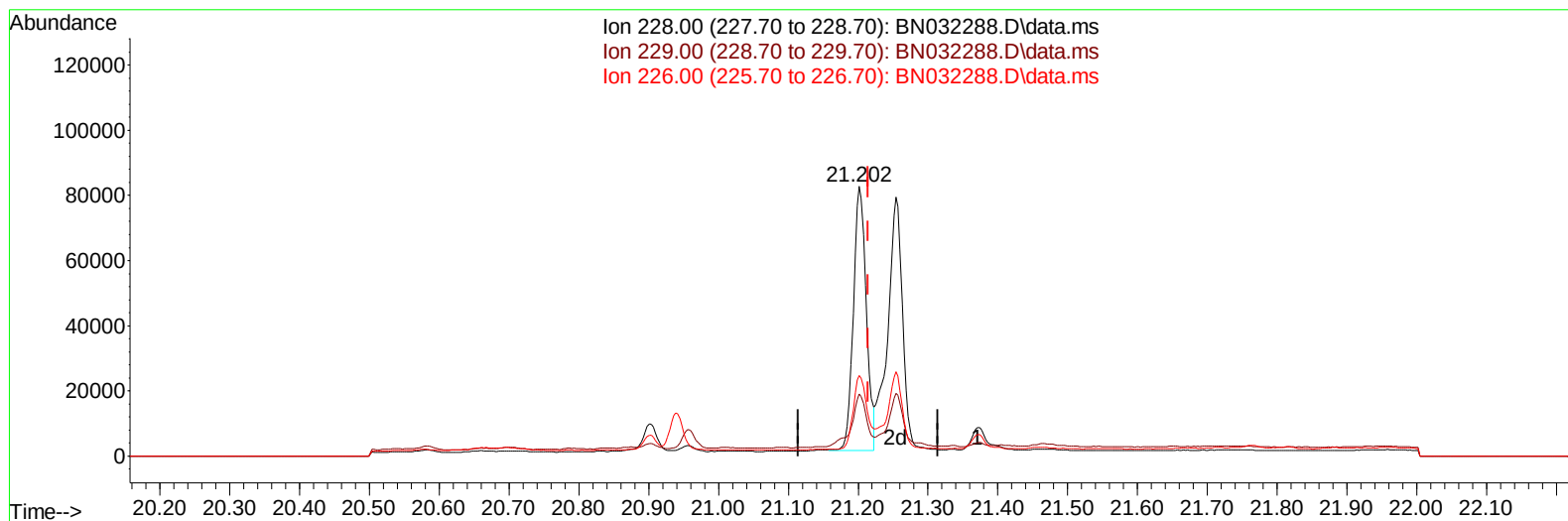
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032288.D
Acq On : 27 Jun 2024 20:05
Operator : MA/JU
Sample : P2909-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B78

Manual IntegrationsAPPROVED

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

Quant Time: Jun 28 00:27:33 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: BN032288.D\data.ms

(21) Benzo(a)anthracene

21.202min (-0.013) 1.65 ng/ul m

response 104631

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	23.00
226.00	27.30	29.87
0.00	0.00	0.00

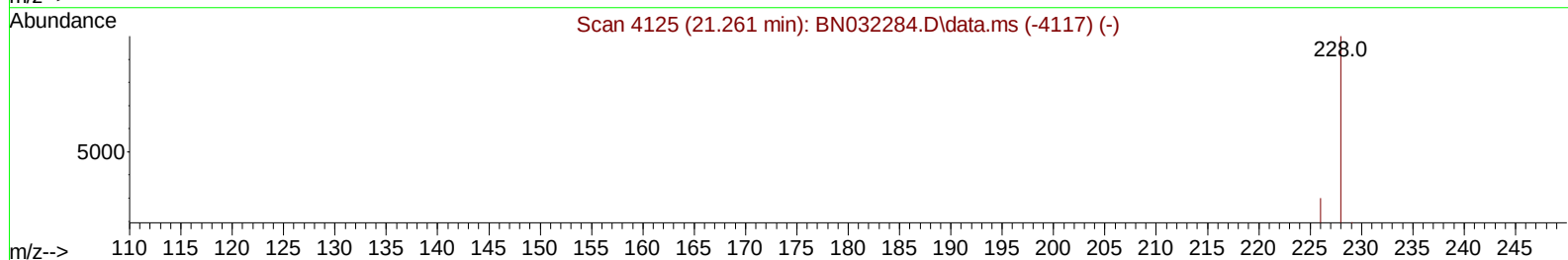
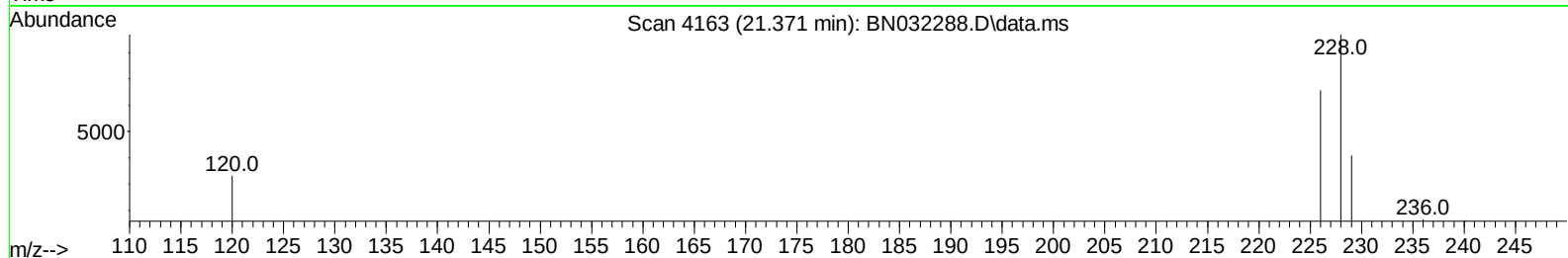
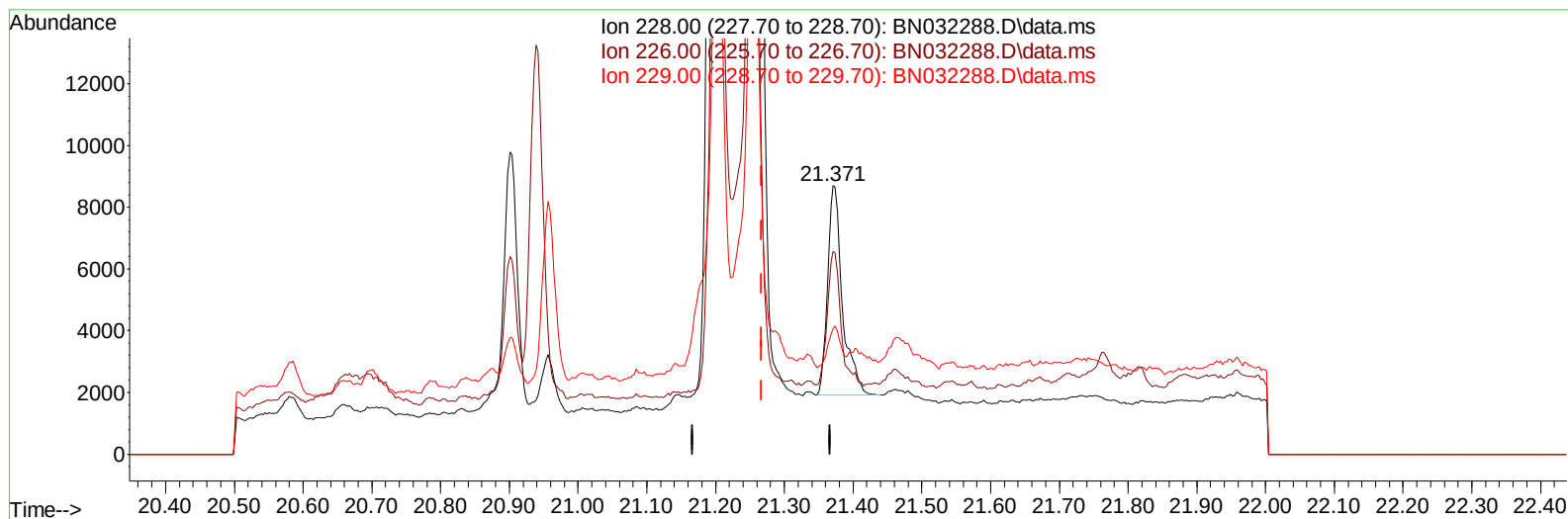
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032288.D
Acq On : 27 Jun 2024 20:05
Operator : MA/JU
Sample : P2909-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B78

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:33 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: BN032288.D\data.ms

(22) Chrysene

21.371min (+ 0.104) 0.15 ng/u1

response 10222

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	75.58#
229.00	19.60	46.92#
0.00	0.00	0.00

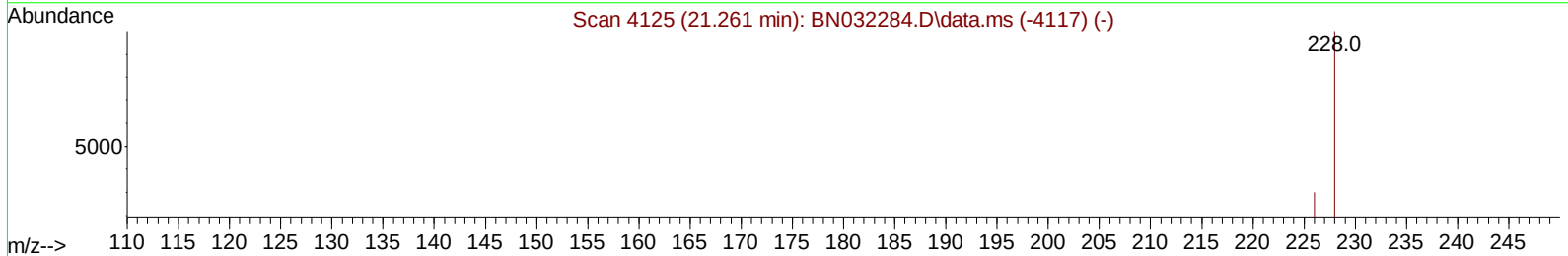
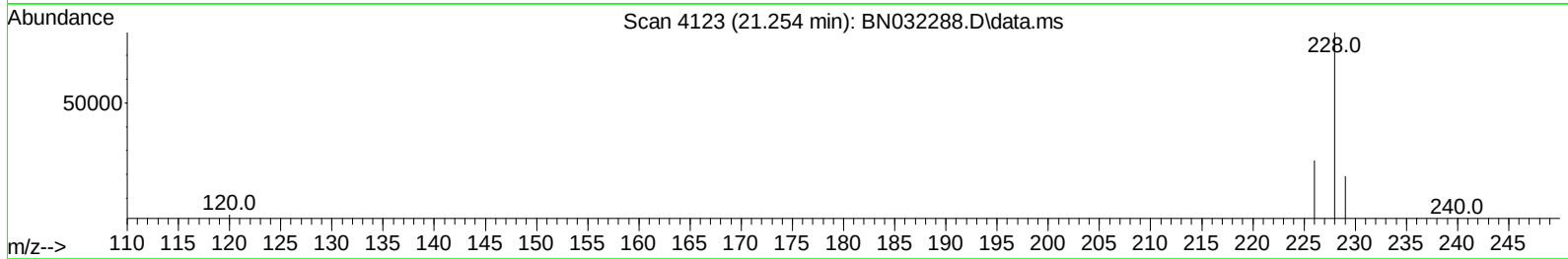
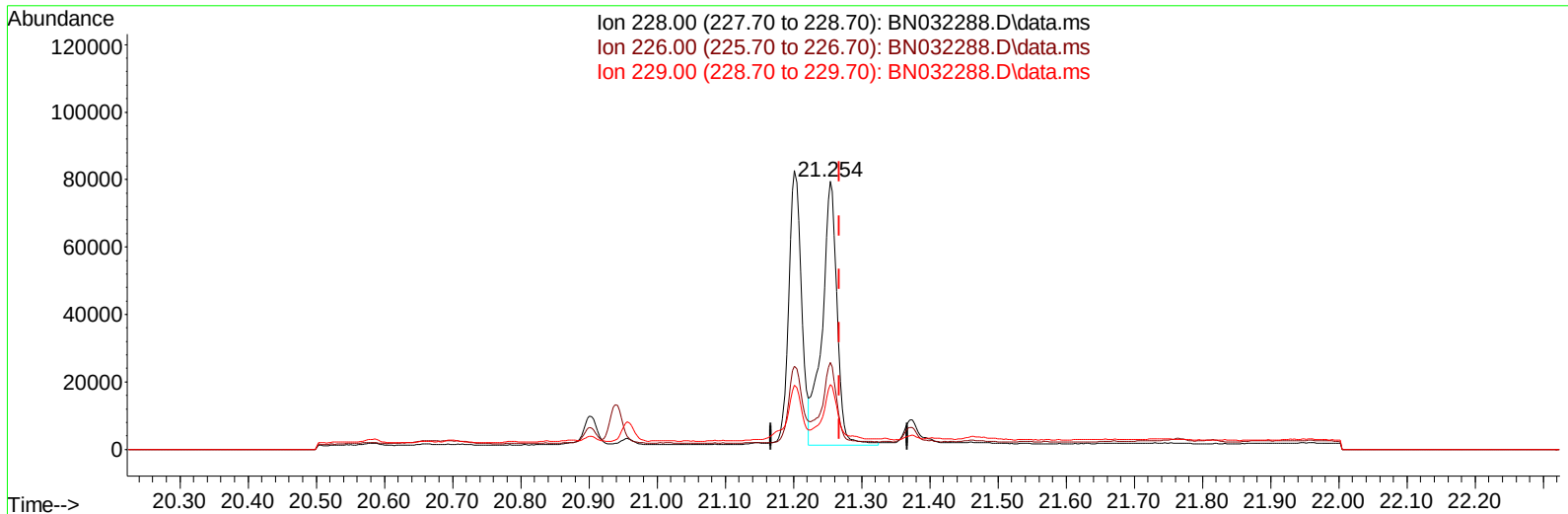
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032288.D
Acq On : 27 Jun 2024 20:05
Operator : MA/JU
Sample : P2909-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B78

Manual IntegrationsAPPROVED

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

Quant Time: Jun 28 00:27:33 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: BN032288.D\data.ms

(22) Chrysene

21.254min (-0.013) 1.72 ng/ul m

response 119886

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	32.51
229.00	19.60	24.25#
0.00	0.00	0.00

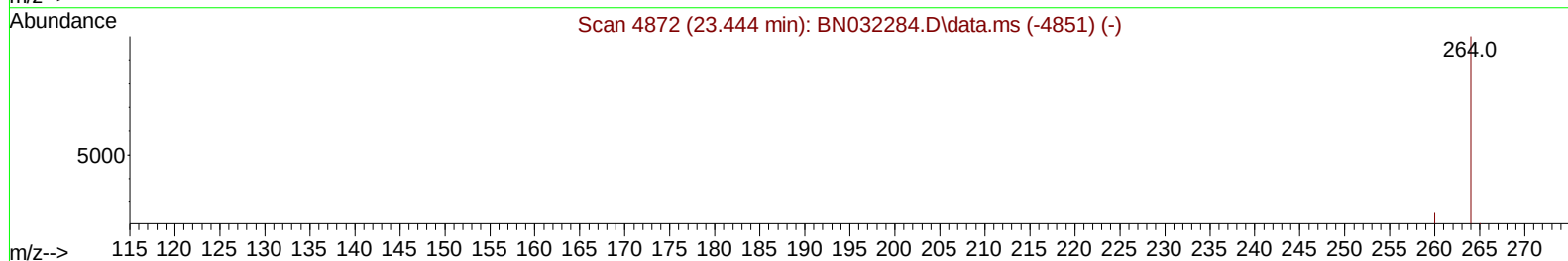
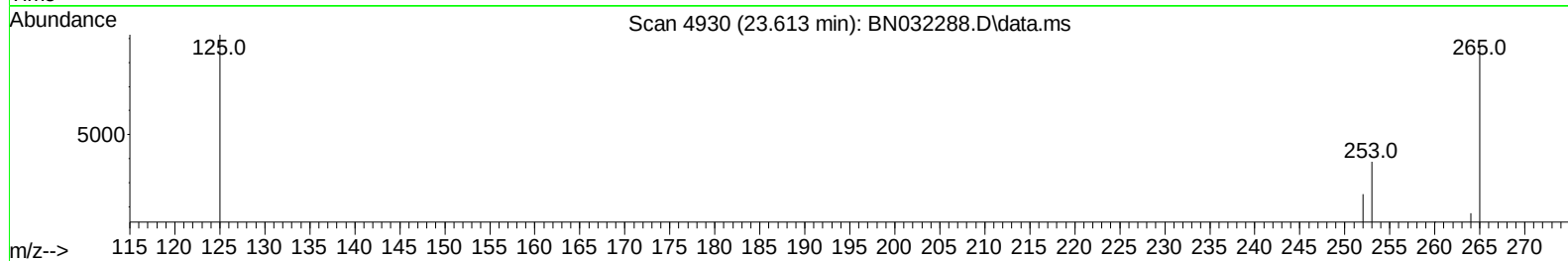
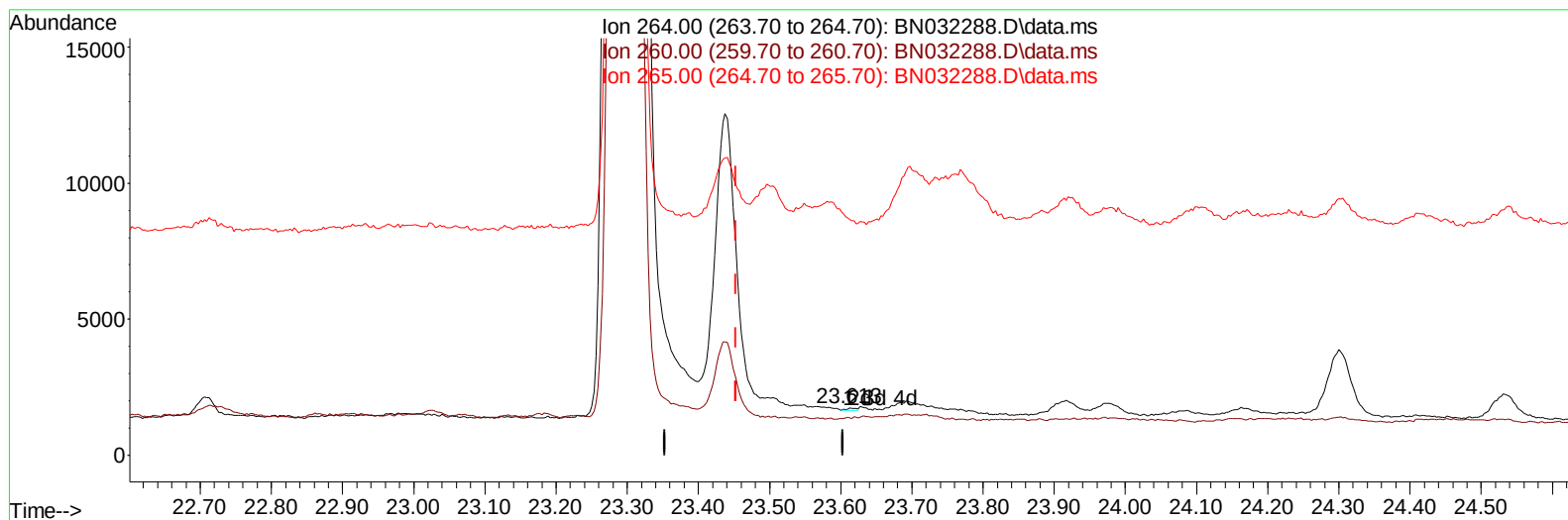
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032288.D
Acq On : 27 Jun 2024 20:05
Operator : MA/JU
Sample : P2909-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B78

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:33 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: BN032288.D\data.ms

(23) Perylene-d12 (I)

23.613min (+ 0.160) 0.40 ng/u1

response 69

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	78.72#
265.00	67.20	501.68#
0.00	0.00	0.00

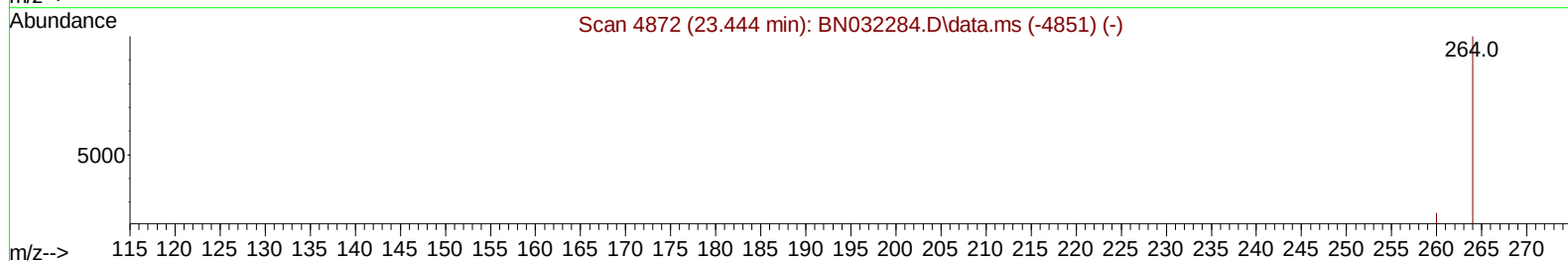
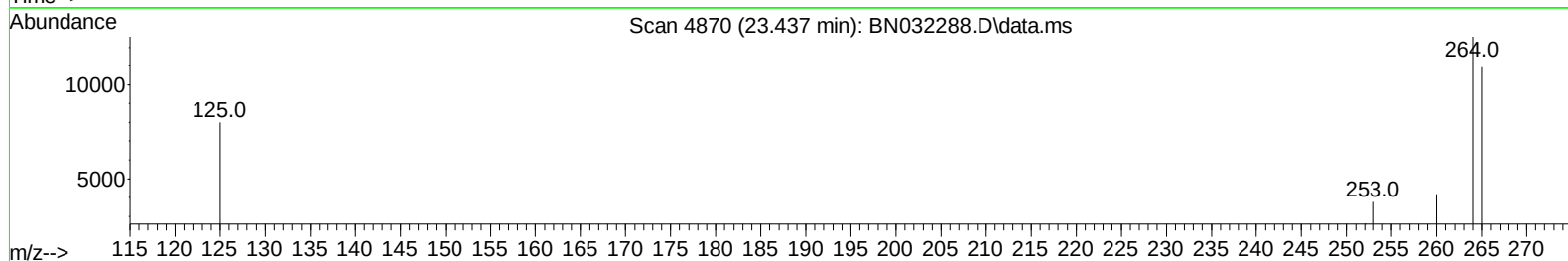
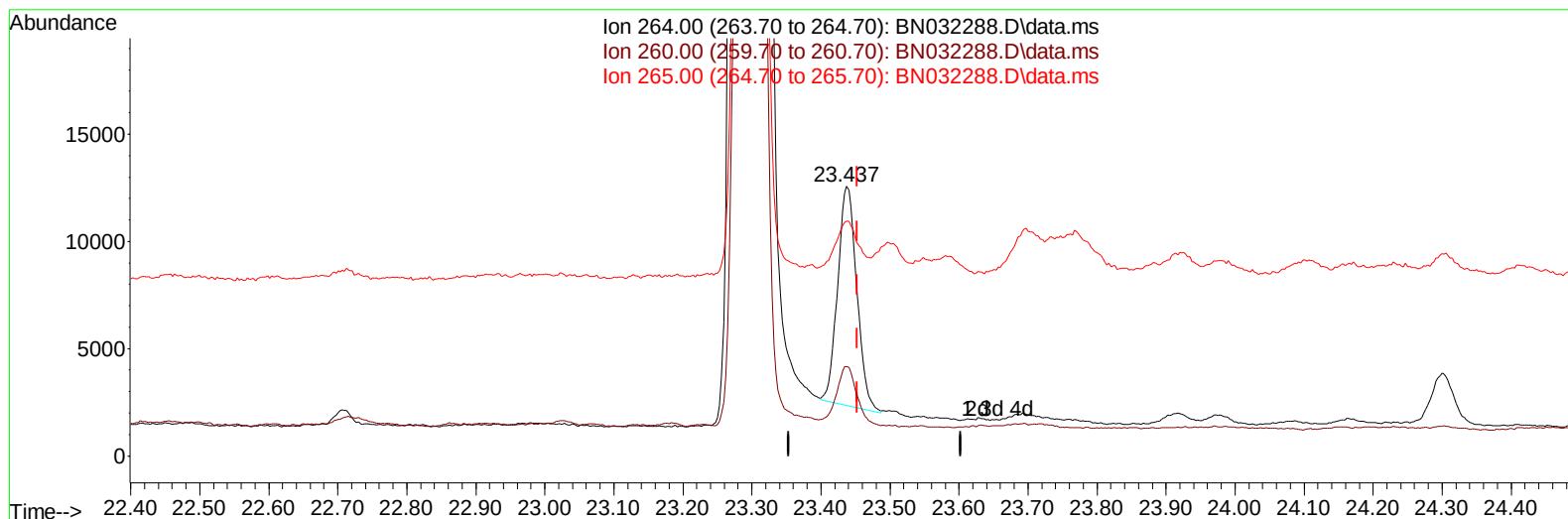
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032288.D
Acq On : 27 Jun 2024 20:05
Operator : MA/JU
Sample : P2909-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B78

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:33 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: BN032288.D\data.ms

(23) Perylene-d12 (I)

23.437min (-0.016) 0.40 ng/ul m

response 19485

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	33.13#
265.00	67.20	87.01#
0.00	0.00	0.00

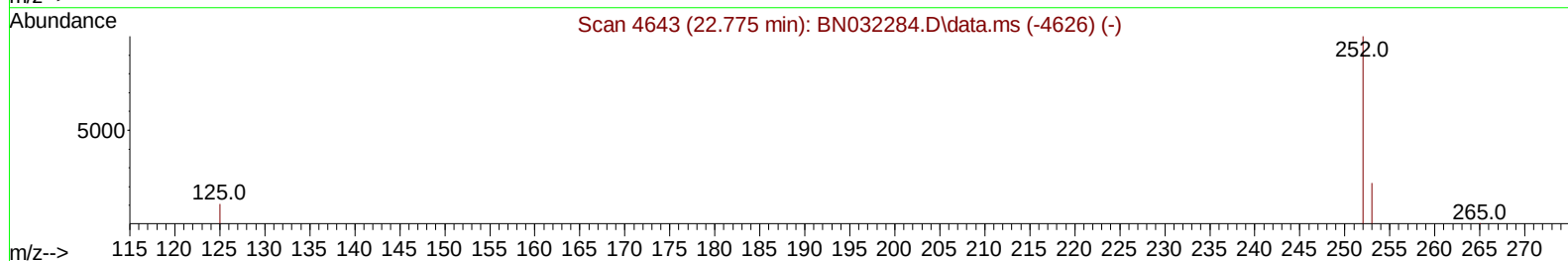
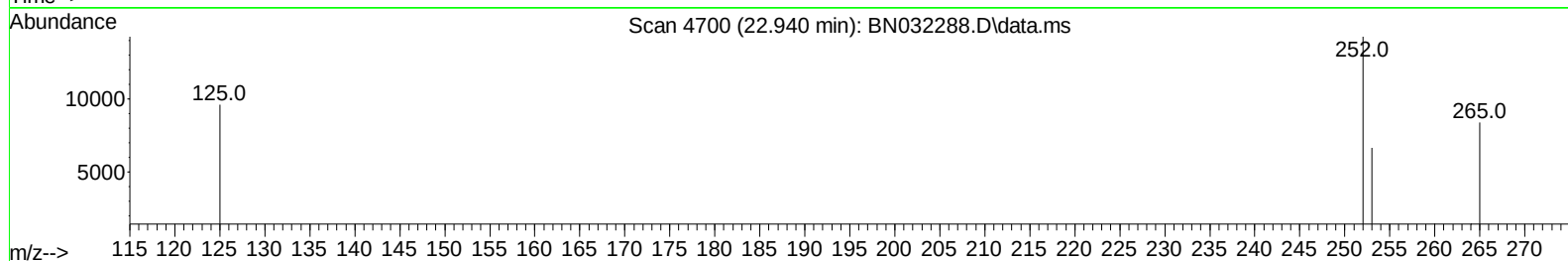
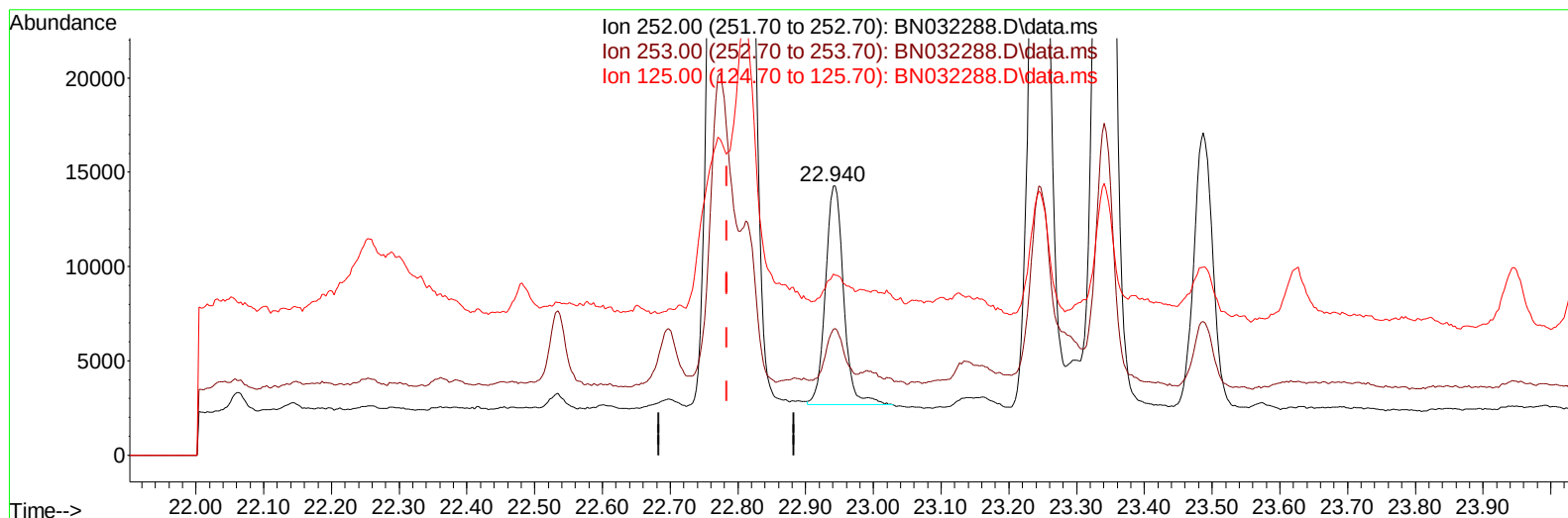
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032288.D
Acq On : 27 Jun 2024 20:05
Operator : MA/JU
Sample : P2909-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B78

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:33 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: BN032288.D\data.ms

(24) Benzo(b)fluoranthene

22.940min (+ 0.157) 0.25 ng/u1

response 21499

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	46.86
125.00	16.00	67.39#
0.00	0.00	0.00

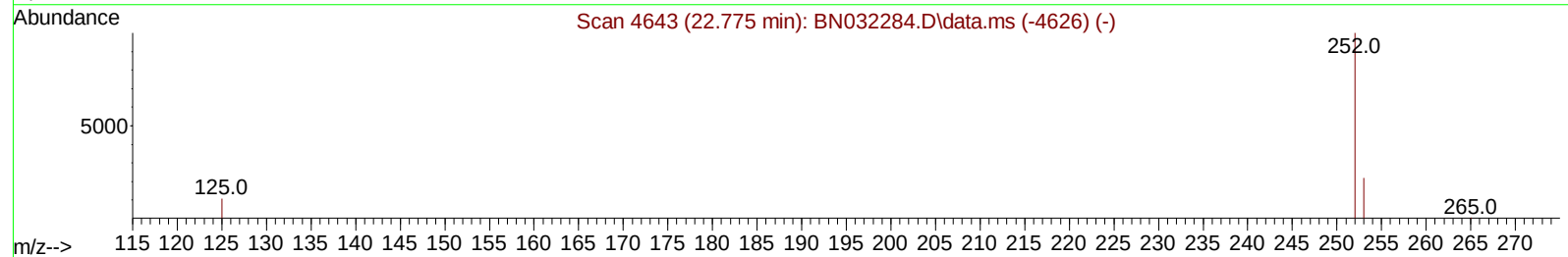
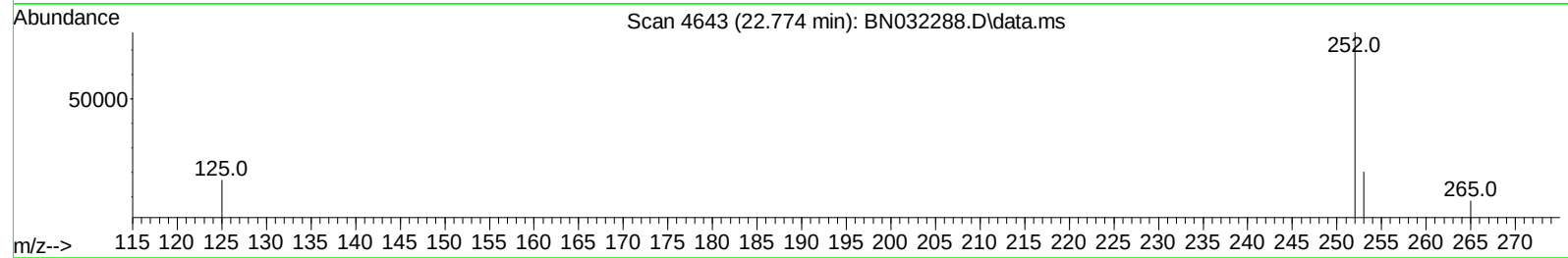
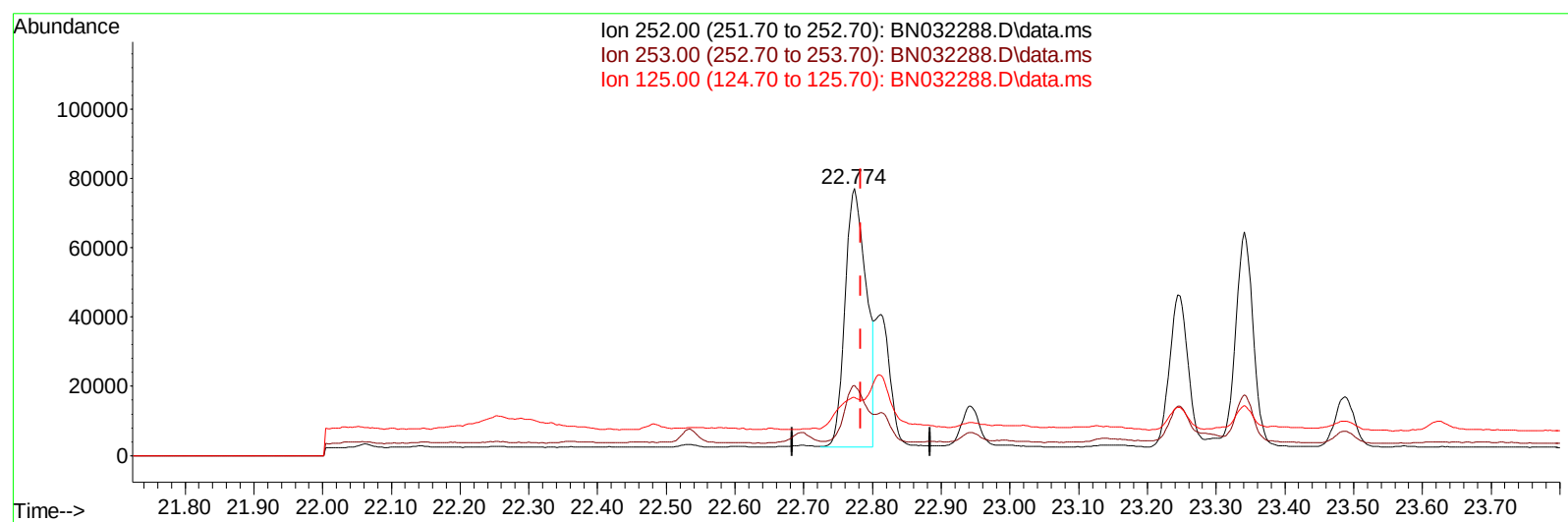
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032288.D
Acq On : 27 Jun 2024 20:05
Operator : MA/JU
Sample : P2909-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B78

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:33 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: BN032288.D\data.ms

(24) Benzo(b)fluoranthene

22.774min (-0.010) 1.88 ng/ul m

response 159040

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	26.29
125.00	16.00	21.71
0.00	0.00	0.00

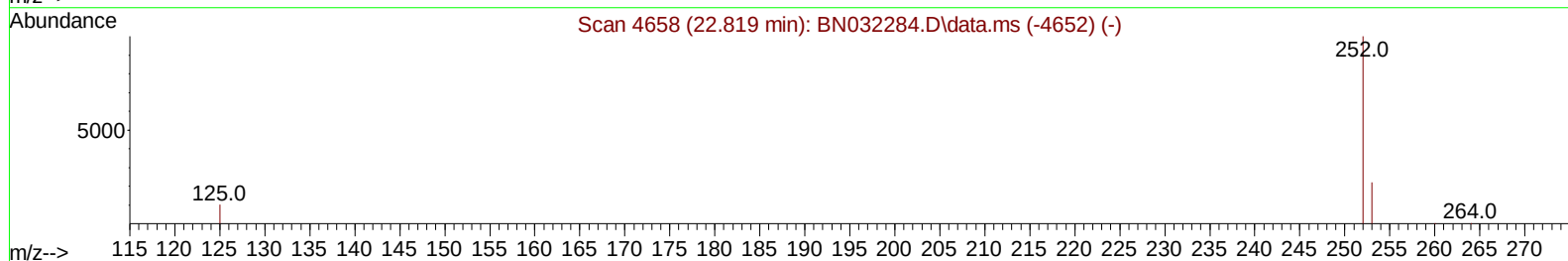
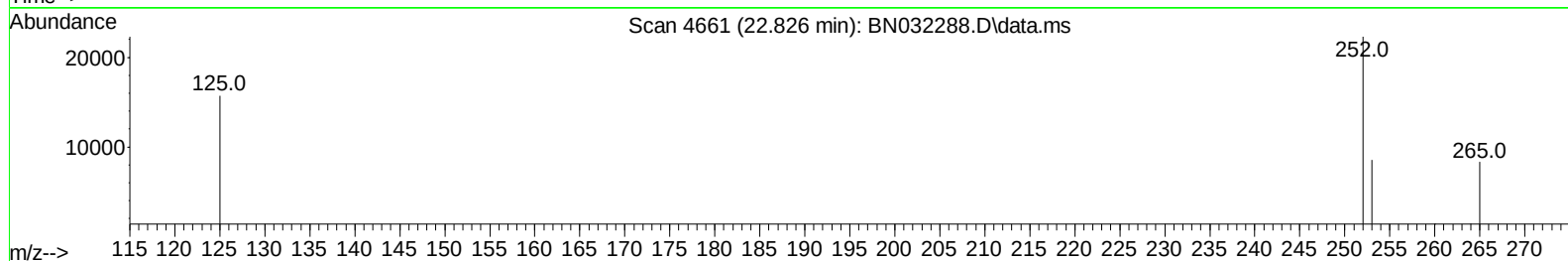
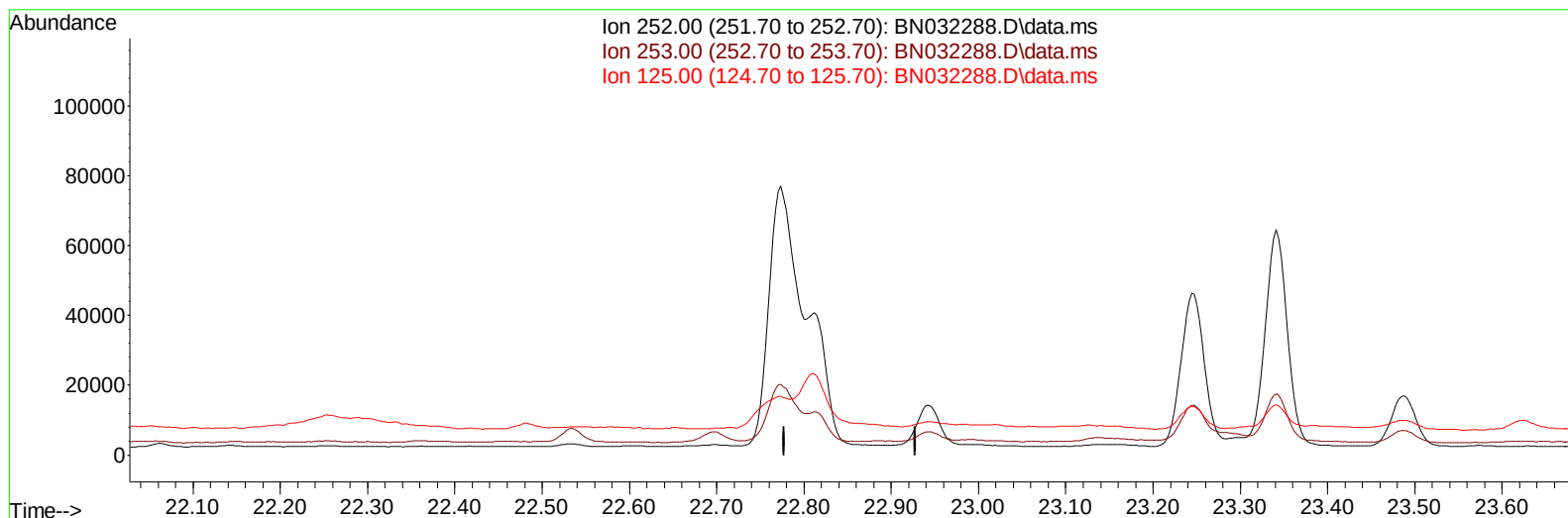
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032288.D
Acq On : 27 Jun 2024 20:05
Operator : MA/JU
Sample : P2909-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B78

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:33 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: BN032288.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

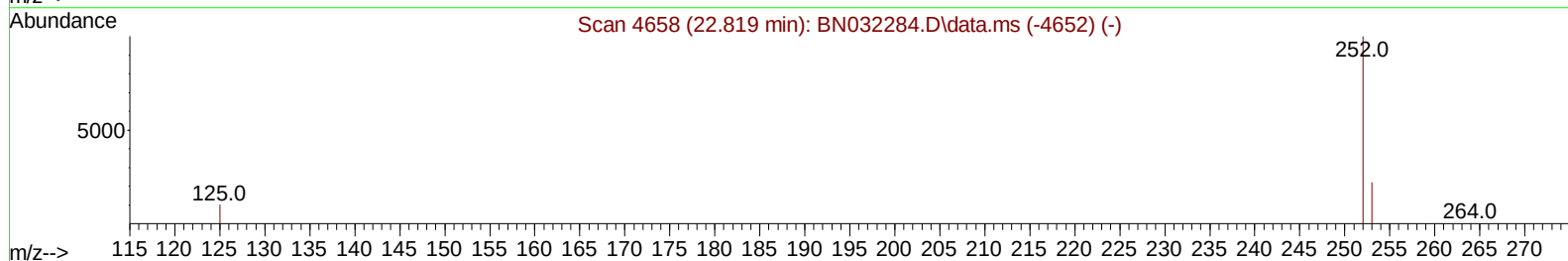
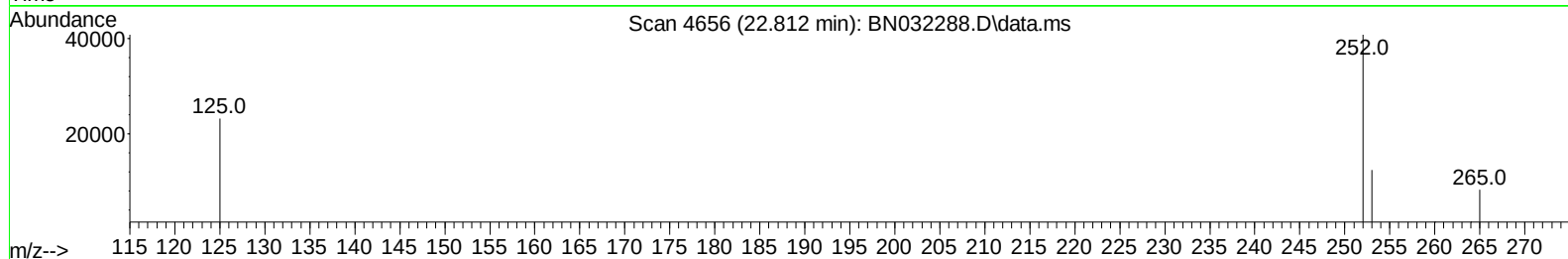
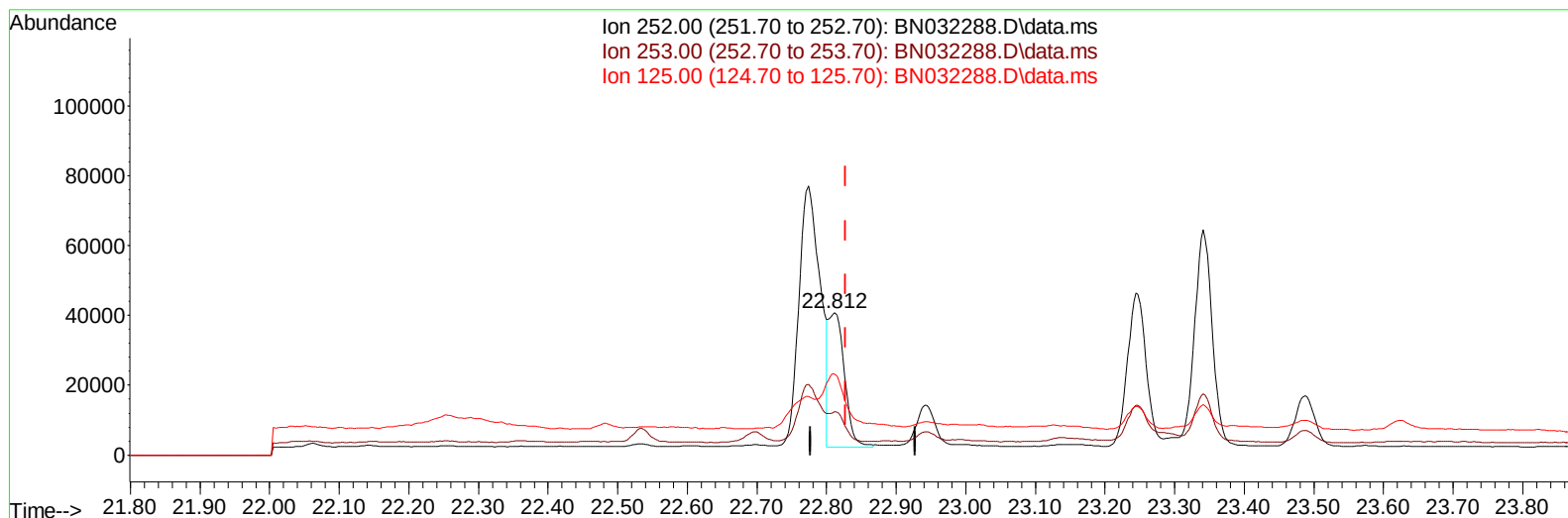
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032288.D
Acq On : 27 Jun 2024 20:05
Operator : MA/JU
Sample : P2909-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B78

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:33 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: BN032288.D\data.ms

(25) Benzo(k)fluoranthene

22.812min (-0.016) 0.74 ng/u1 m

response 60796

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	30.41
125.00	16.00	56.90#
0.00	0.00	0.00

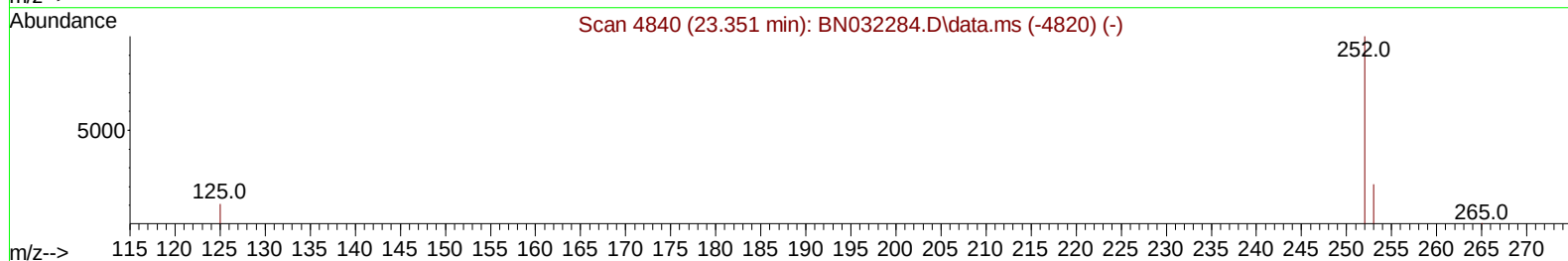
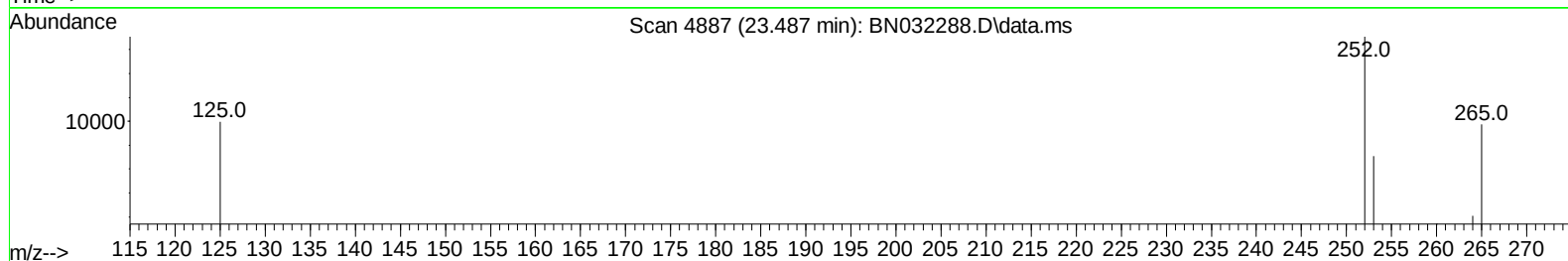
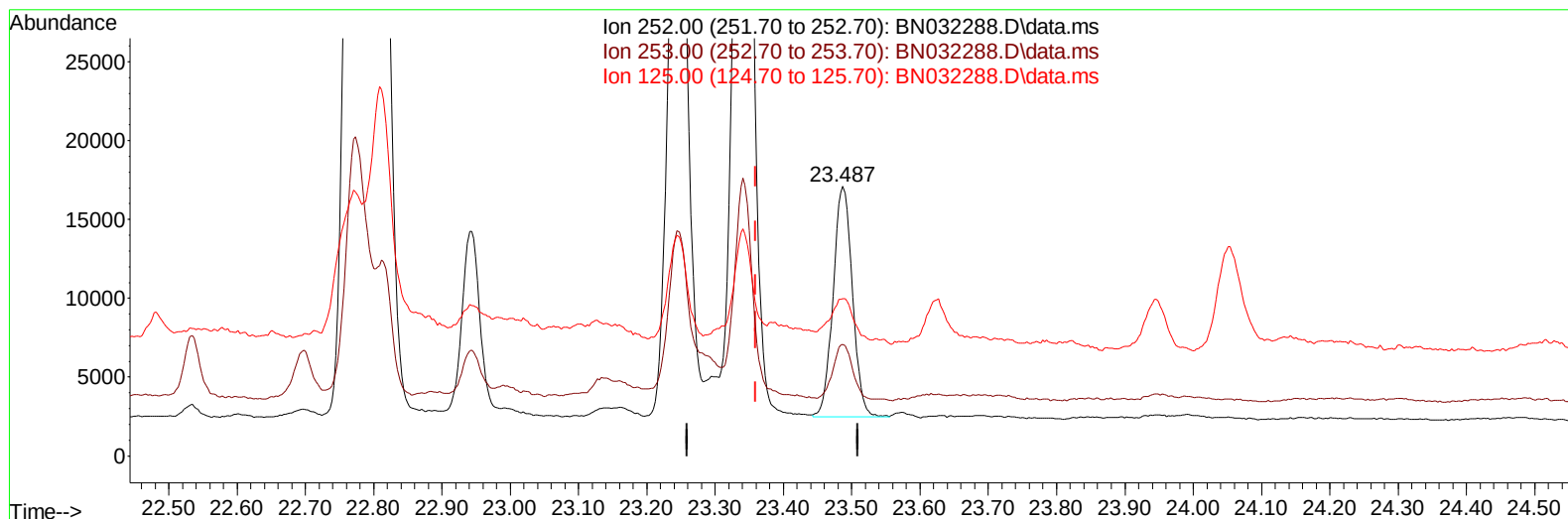
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032288.D
Acq On : 27 Jun 2024 20:05
Operator : MA/JU
Sample : P2909-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B78

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:33 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: BN032288.D\data.ms

(26) Benzo(a)pyrene (C)

23.487min (+ 0.127) 0.49 ng/u1

response 28697

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	41.50#
125.00	20.50	58.43#
0.00	0.00	0.00

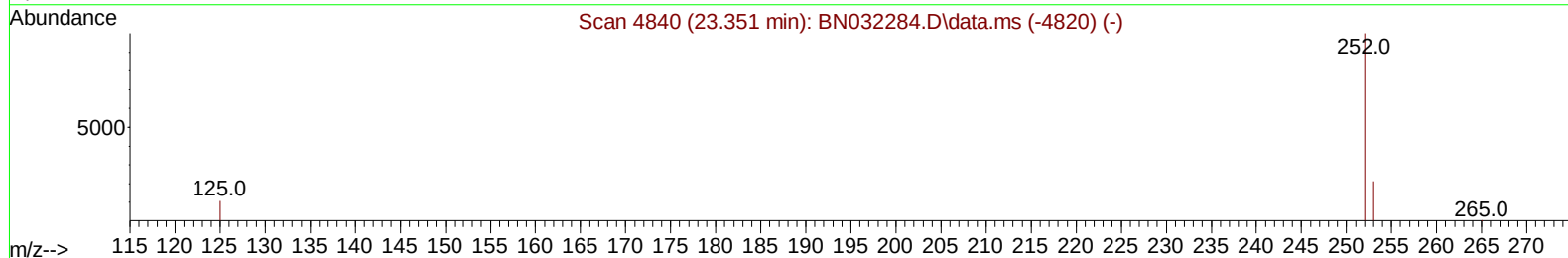
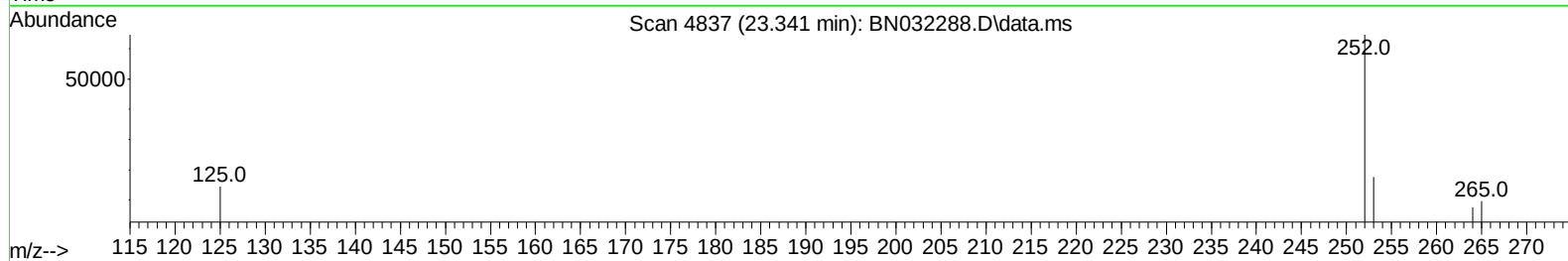
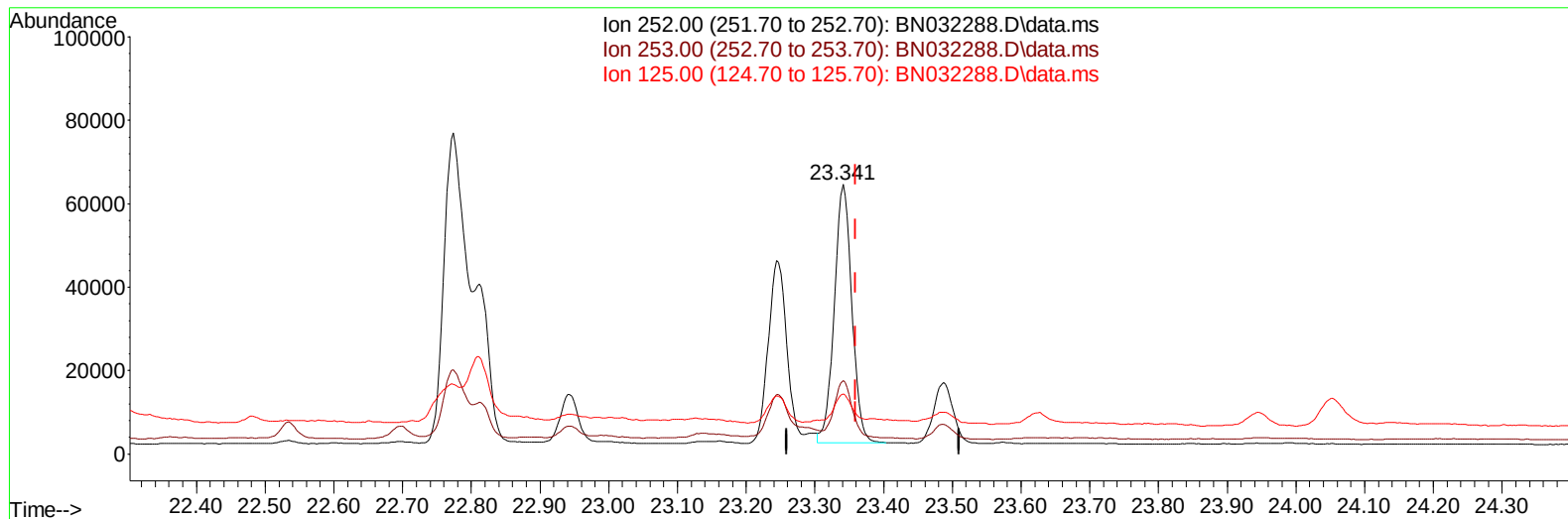
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032288.D
Acq On : 27 Jun 2024 20:05
Operator : MA/JU
Sample : P2909-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B78

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:33 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: BN032288.D\data.ms

(26) Benzo(a)pyrene (C)

23.341min (-0.019) 1.86 ng/ul m

response 109594

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	27.25
125.00	20.50	22.27
0.00	0.00	0.00

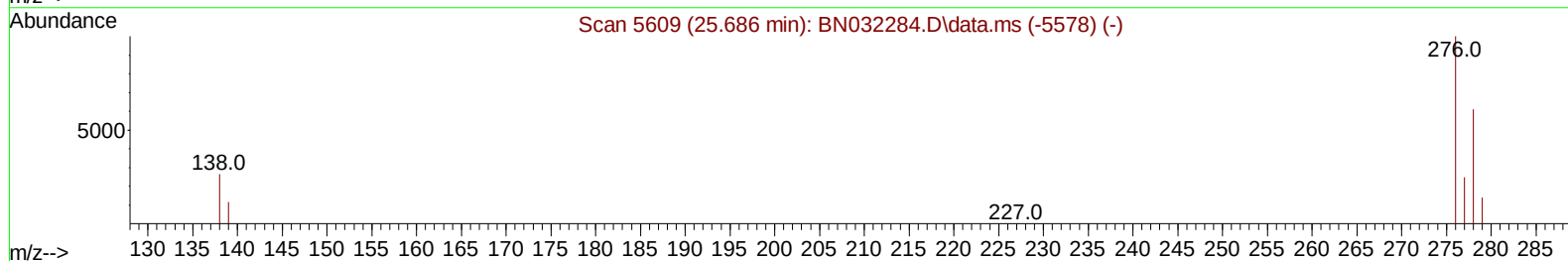
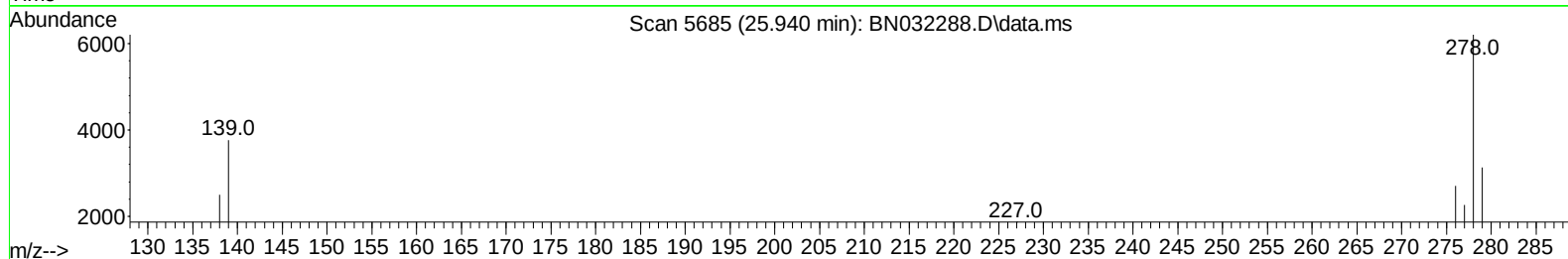
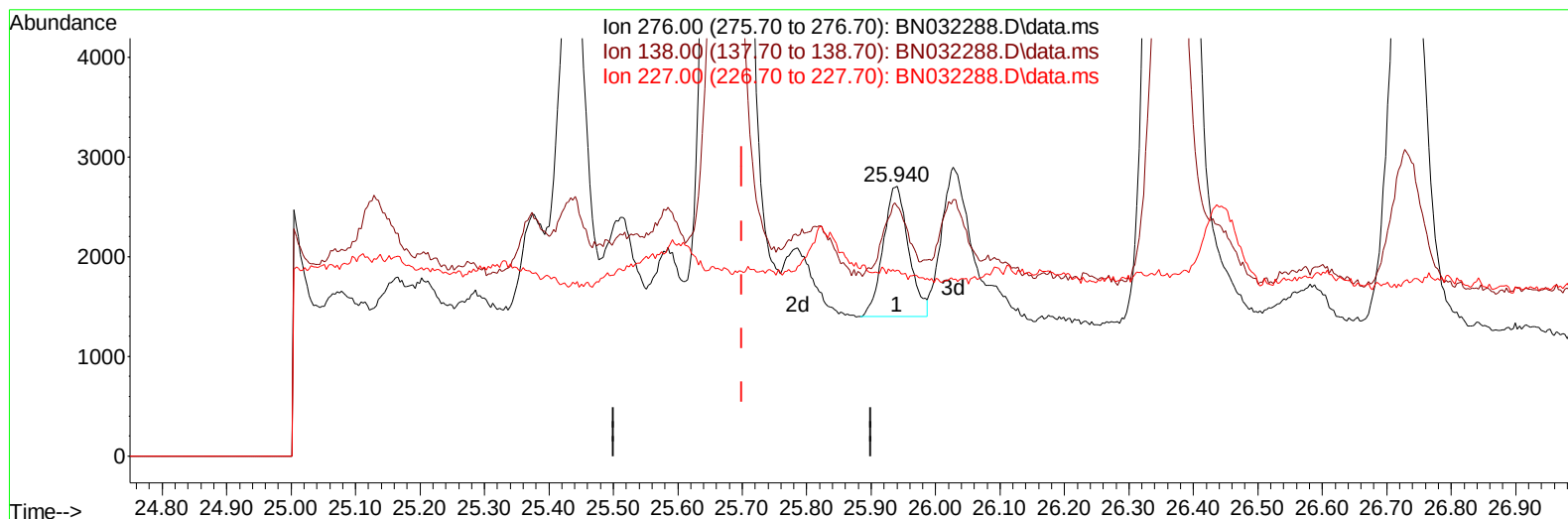
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032288.D
Acq On : 27 Jun 2024 20:05
Operator : MA/JU
Sample : P2909-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B78

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:33 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: BN032288.D\data.ms

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

25.940min (+ 0.240) 0.04 ng/u1

response 3614

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	60.68#
227.00	0.10	0.00#
0.00	0.00	0.00

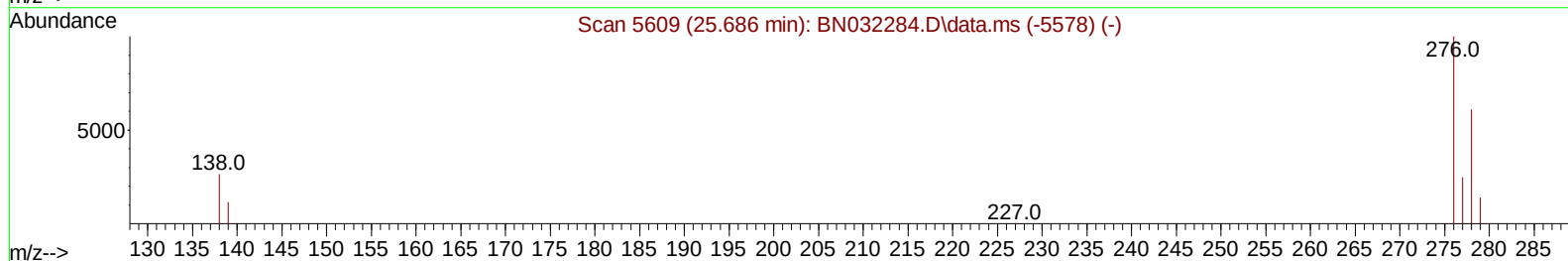
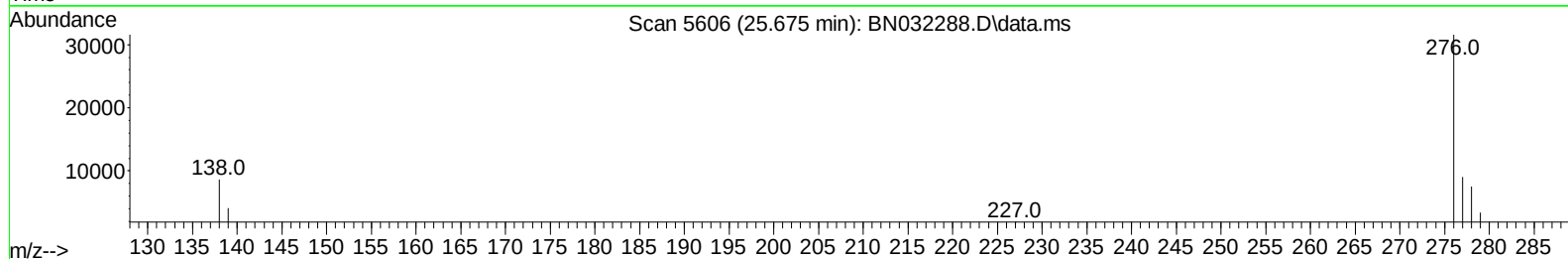
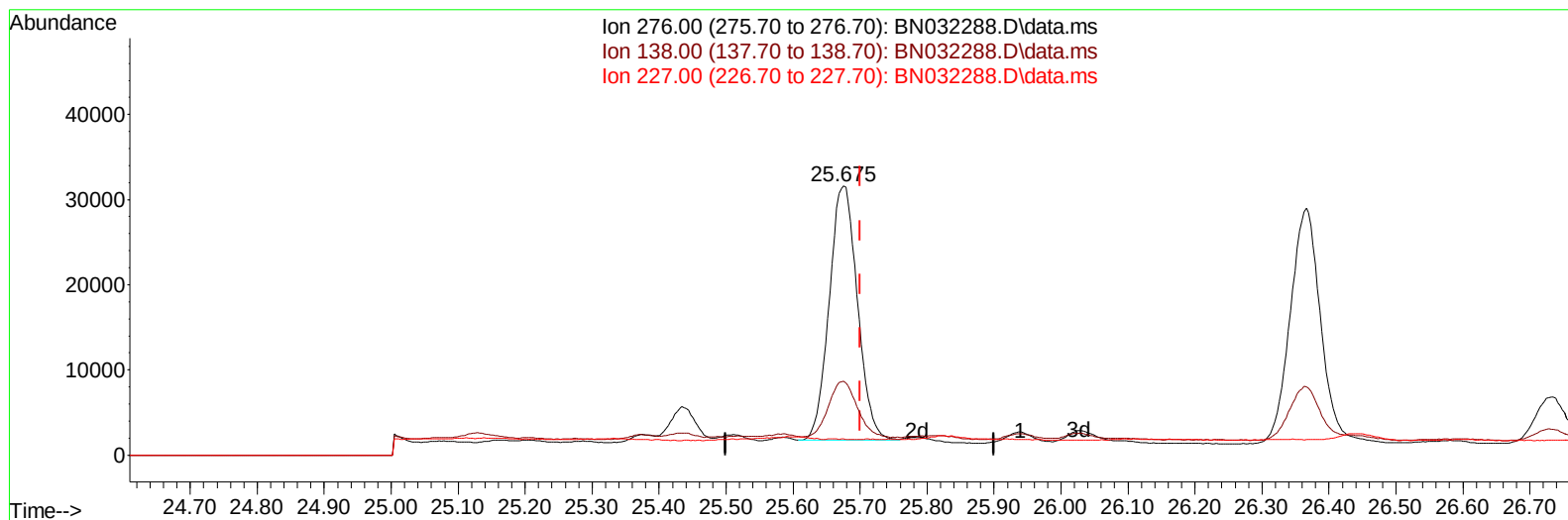
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032288.D
Acq On : 27 Jun 2024 20:05
Operator : MA/JU
Sample : P2909-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B78

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:33 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: BN032288.D\data.ms

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

25.675min (-0.025) 0.95 ng/ul m

response 87410

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	2.51#
227.00	0.10	0.00#
0.00	0.00	0.00

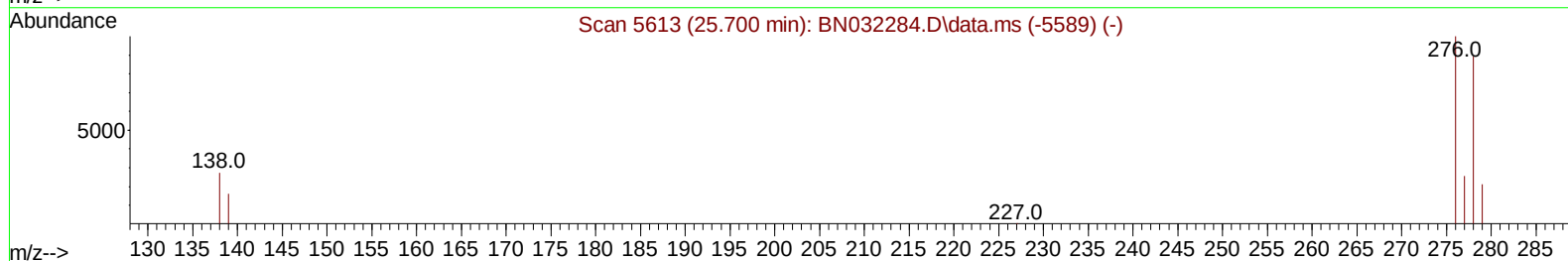
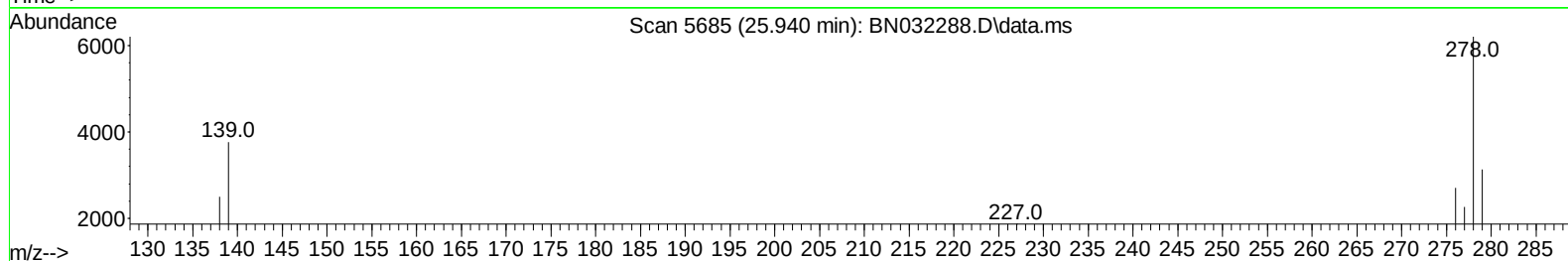
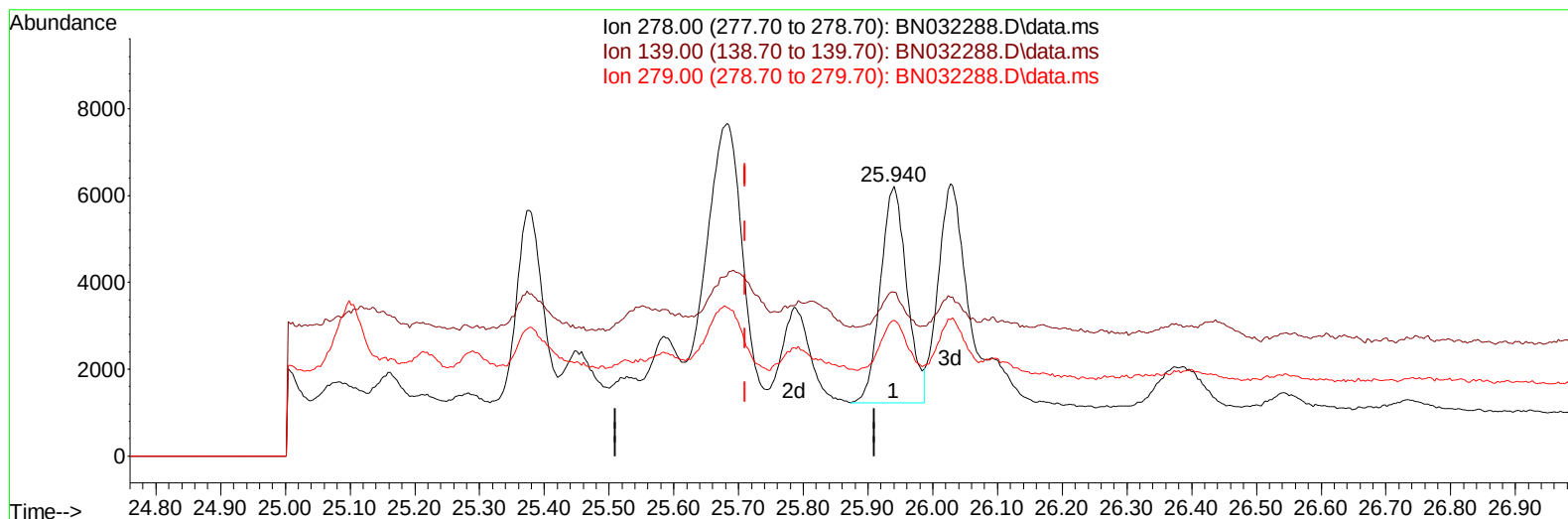
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032288.D
Acq On : 27 Jun 2024 20:05
Operator : MA/JU
Sample : P2909-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B78

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:33 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: BN032288.D\data.ms

(28) Dibenzo(a,h)anthracene

25.940min (+ 0.230) 0.21 ng/u1

response 14184

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	60.74#
279.00	26.40	50.38#
0.00	0.00	0.00

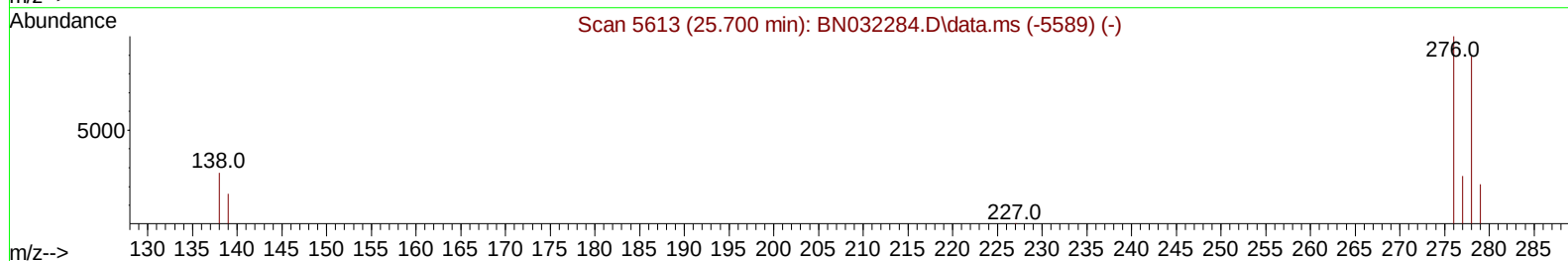
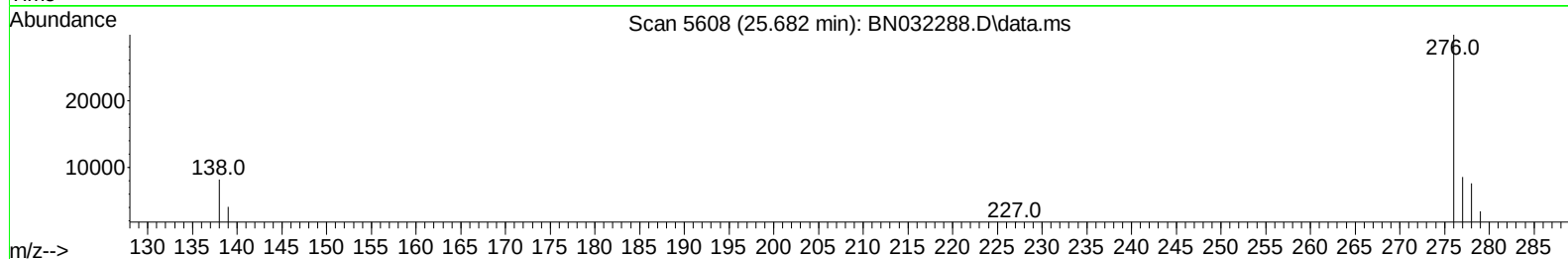
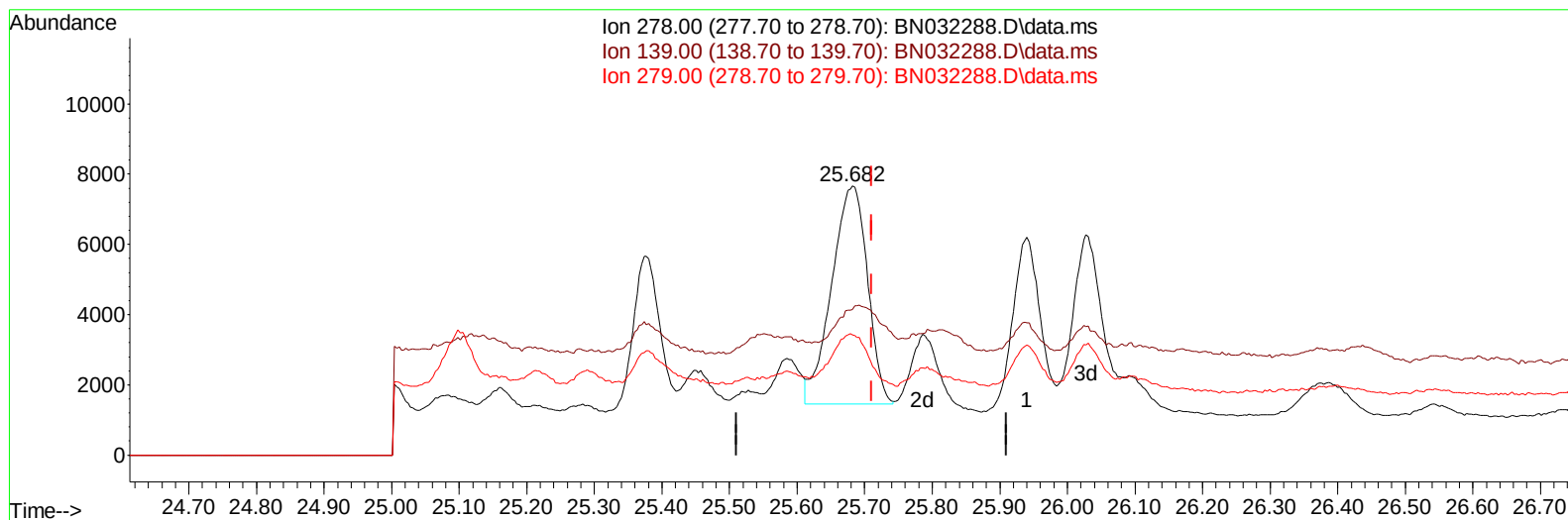
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032288.D
Acq On : 27 Jun 2024 20:05
Operator : MA/JU
Sample : P2909-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B78

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:33 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: BN032288.D\data.ms

(28) Dibenzo(a,h)anthracene

25.682min (-0.028) 0.33 ng/ul m

response 22845

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	54.21#
279.00	26.40	44.63#
0.00	0.00	0.00

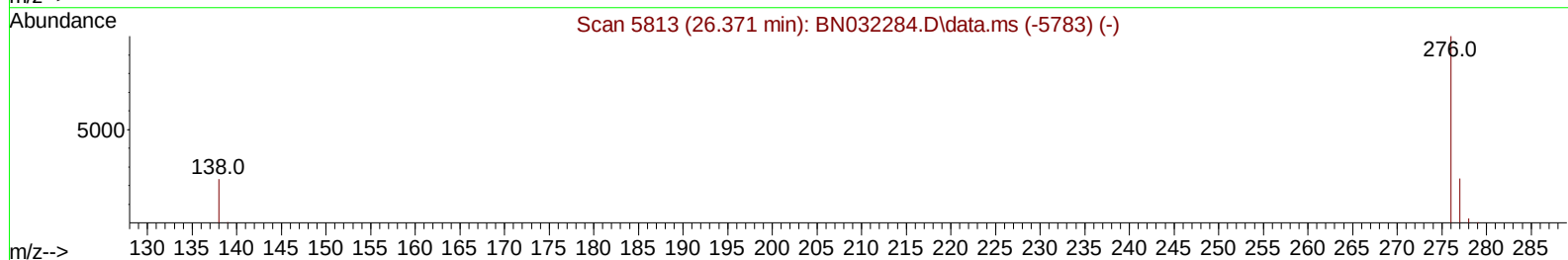
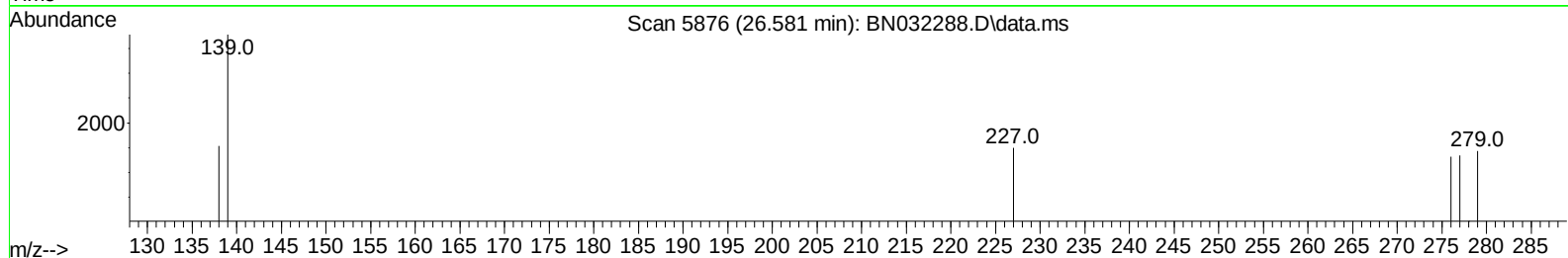
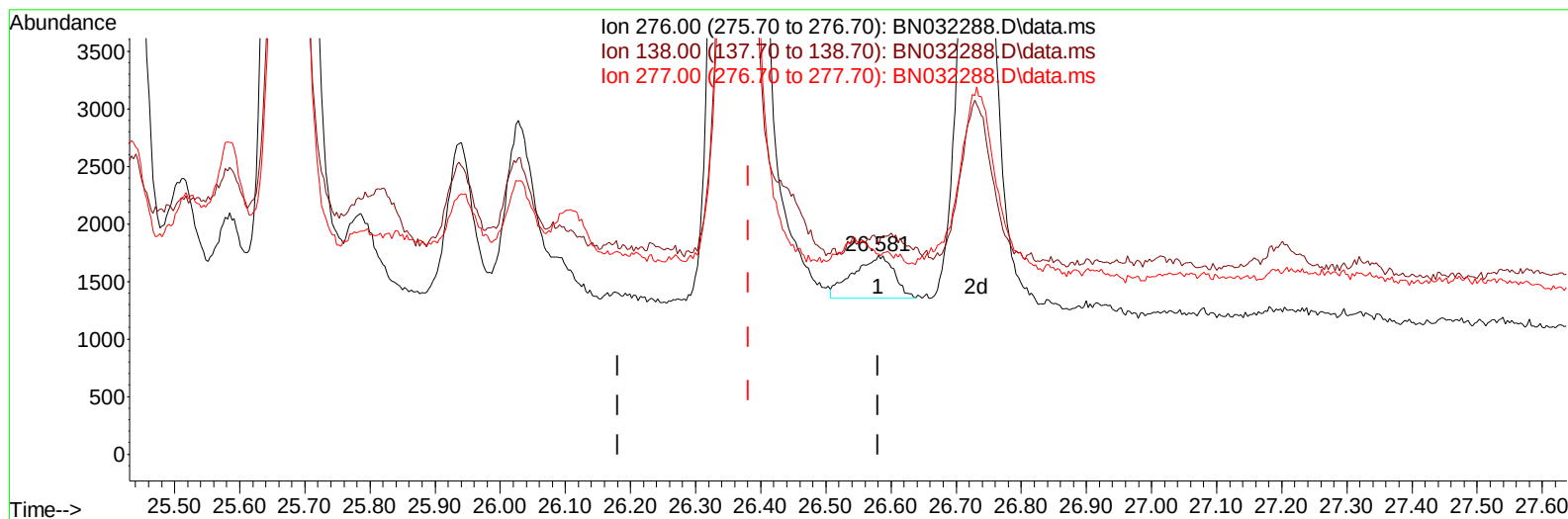
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032288.D
Acq On : 27 Jun 2024 20:05
Operator : MA/JU
Sample : P2909-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B78

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:33 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: BN032288.D\data.ms

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

26.581min (+ 0.200) 0.02 ng/u1

response 1602

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	105.03#
277.00	24.70	100.52#
0.00	0.00	0.00

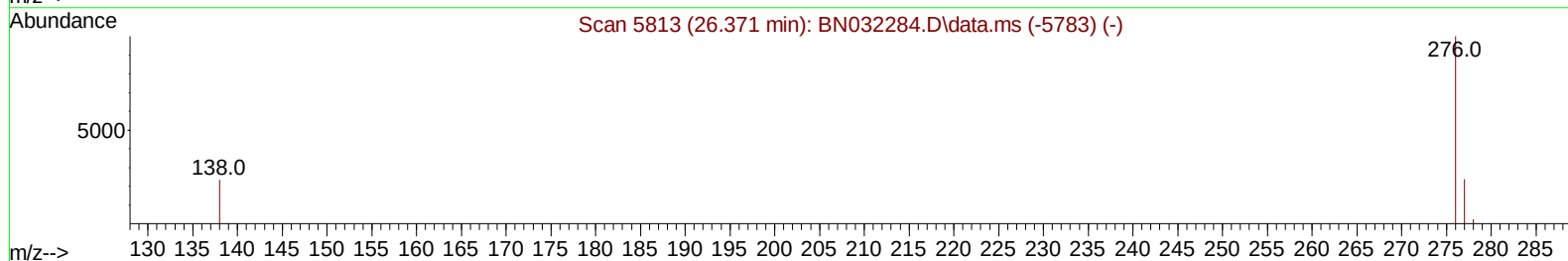
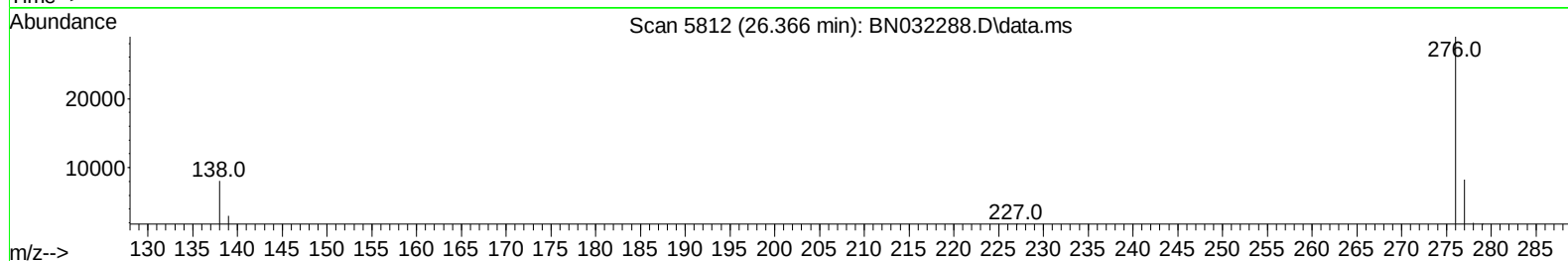
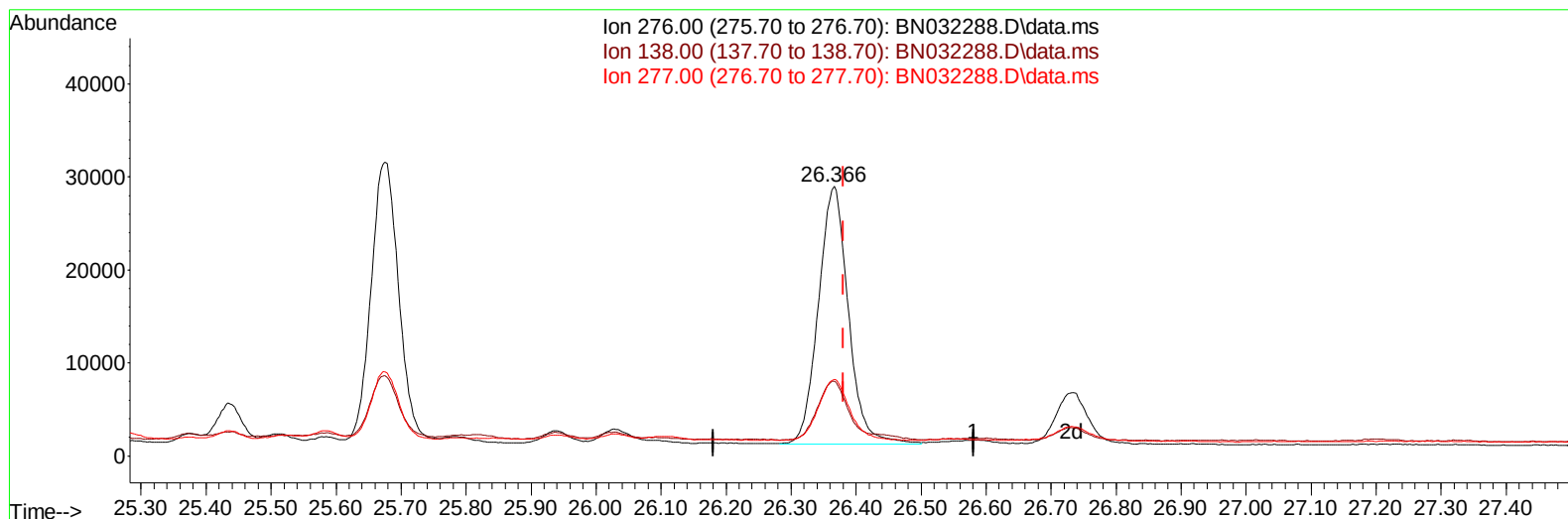
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032288.D
Acq On : 27 Jun 2024 20:05
Operator : MA/JU
Sample : P2909-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B78

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:33 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: BN032288.D\data.ms

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

26.366min (-0.015) 1.21 ng/ul m

response 88884

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	27.76
277.00	24.70	28.40
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
 Data File : BN032288.D
 Acq On : 27 Jun 2024 20:05
 Operator : MA/JU
 Sample : P2909-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B78

Manual IntegrationsAPPROVED

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

Quant Time: Jun 28 00:27:33 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	8093	0.400	ng/ul	0.00
4) Naphthalene-d8	10.397	136	25247	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.266	164	13853	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.019	188	24762m	0.400	ng/ul	0.00
17) Chrysene-d12	21.219	240	17553m	0.400	ng/ul	0.00
23) Perylene-d12	23.437	264	19485m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	14285	1.588	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.992	152	8455	0.223	ng/ul	0.00
18) Fluoranthene-d10	19.053	212	16695m	0.316	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.441	128	3080	0.046	ng/ul#	88
7) 2-Methylnaphthalene	12.069	142	1371	0.031	ng/ul	99
8) 1-Methylnaphthalene	12.289	142	1035	0.023	ng/ul	94
10) Acenaphthylene	13.984	152	8816	0.153	ng/ul	95
11) Acenaphthene	14.326	153	5129	0.115	ng/ul	97
12) Fluorene	15.321	166	5655	0.106	ng/ul#	98
15) Phenanthrene	17.061	178	125190m	1.844	ng/ul	
16) Anthracene	17.150	178	21712m	0.359	ng/ul	
19) Fluoranthene	19.086	202	253723m	3.796	ng/ul	
20) Pyrene	19.449	202	213537m	3.057	ng/ul	
21) Benzo(a)anthracene	21.202	228	104631m	1.652	ng/ul	
22) Chrysene	21.254	228	119886m	1.724	ng/ul	
24) Benzo(b)fluoranthene	22.774	252	159040m	1.879	ng/ul	
25) Benzo(k)fluoranthene	22.812	252	60796m	0.739	ng/ul	
26) Benzo(a)pyrene	23.341	252	109594m	1.861	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.675	276	87410m	0.948	ng/ul	
28) Dibenzo(a,h)anthracene	25.682	278	22845m	0.333	ng/ul	
29) Benzo(g,h,i)perylene	26.366	276	88884m	1.210	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032288.D
Acq On : 27 Jun 2024 20:05
Operator : MA/JU
Sample : P2909-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B78

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:33 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

