

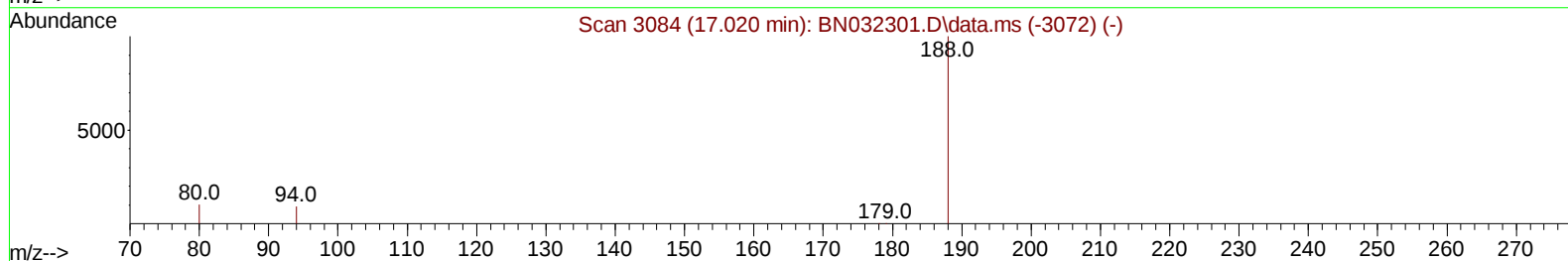
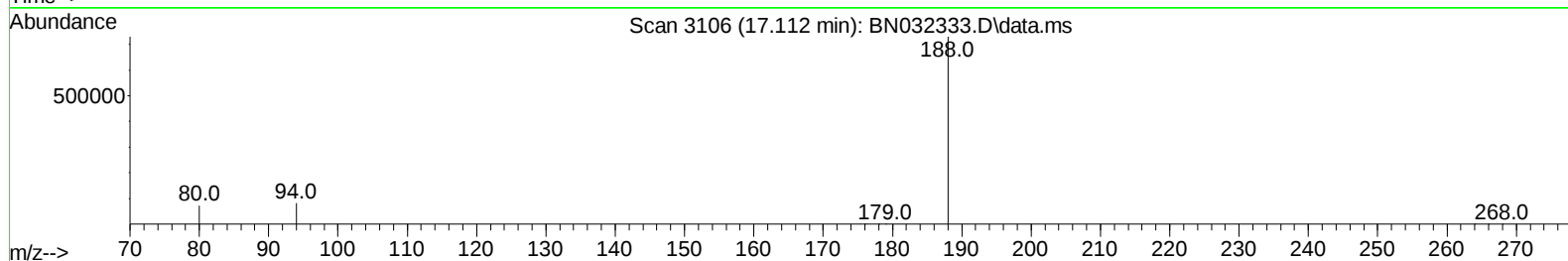
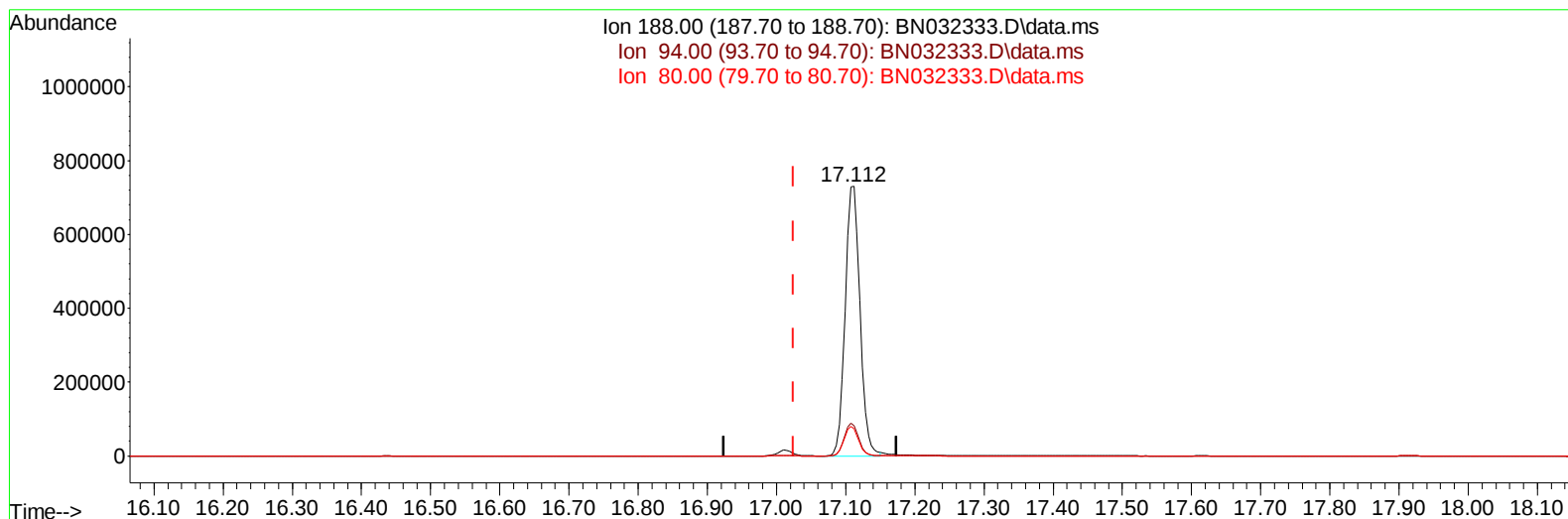
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032333.D
Acq On : 29 Jun 2024 03:16
Operator : MA/JU
Sample : P2934-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B62

Manual IntegrationsAPPROVED

Quant Time: Jun 29 03:45:42 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 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032333.D\data.ms

(13) Phenanthrene-d10 (I)

17.112min (+ 0.087) 0.40 ng/u1

response 1086145

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.27
80.00	10.50	9.93
0.00	0.00	0.00

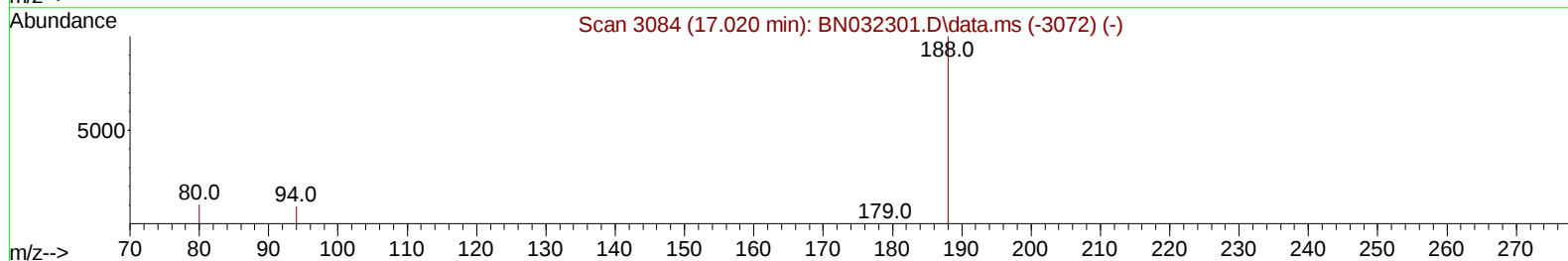
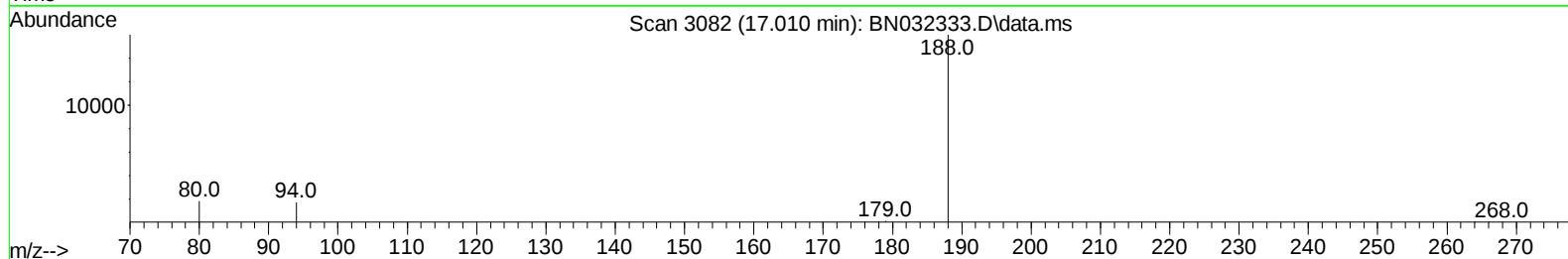
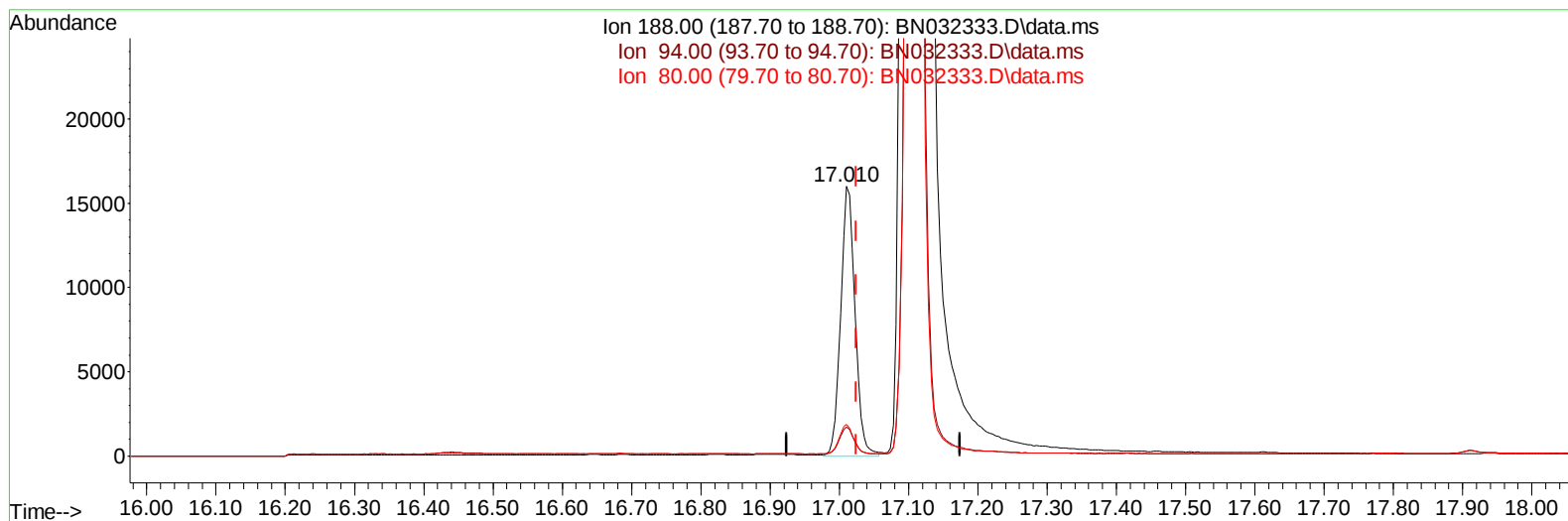
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032333.D
Acq On : 29 Jun 2024 03:16
Operator : MA/JU
Sample : P2934-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B62

Manual IntegrationsAPPROVED

Quant Time: Jun 29 03:45:42 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 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032333.D\data.ms

(13) Phenanthrene-d10 (I)

17.010min (-0.014) 0.40 ng/ul m

response 23126

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	10.74
80.00	10.50	11.65
0.00	0.00	0.00

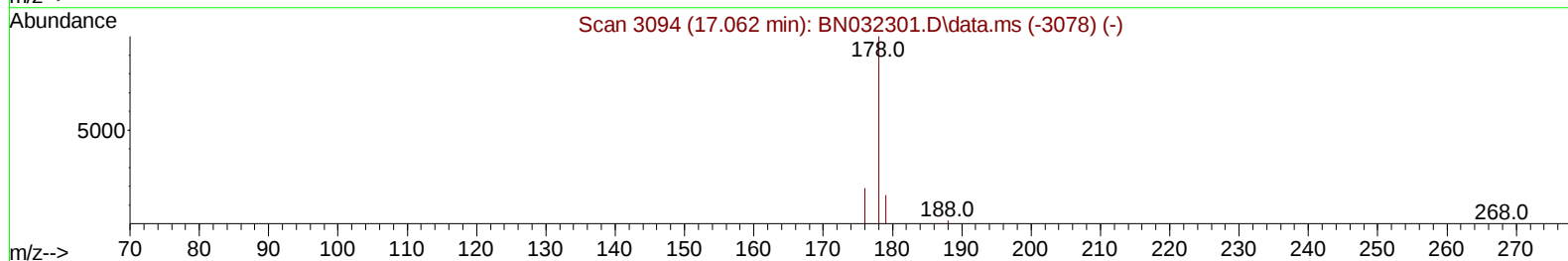
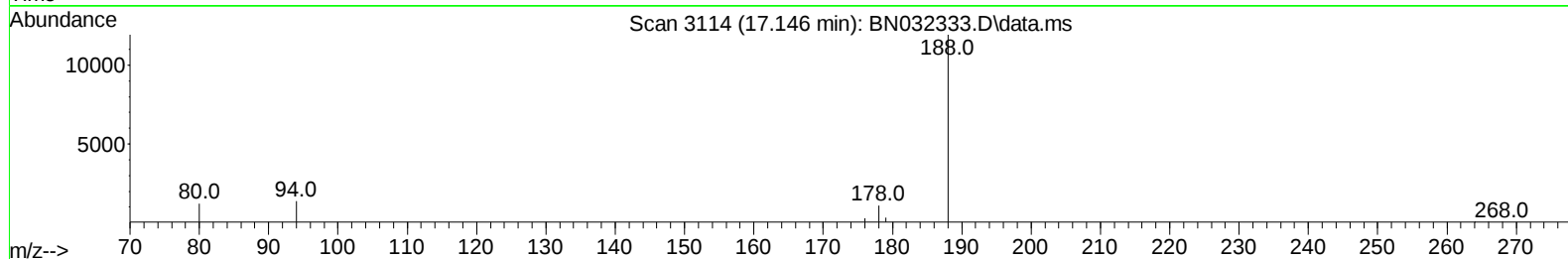
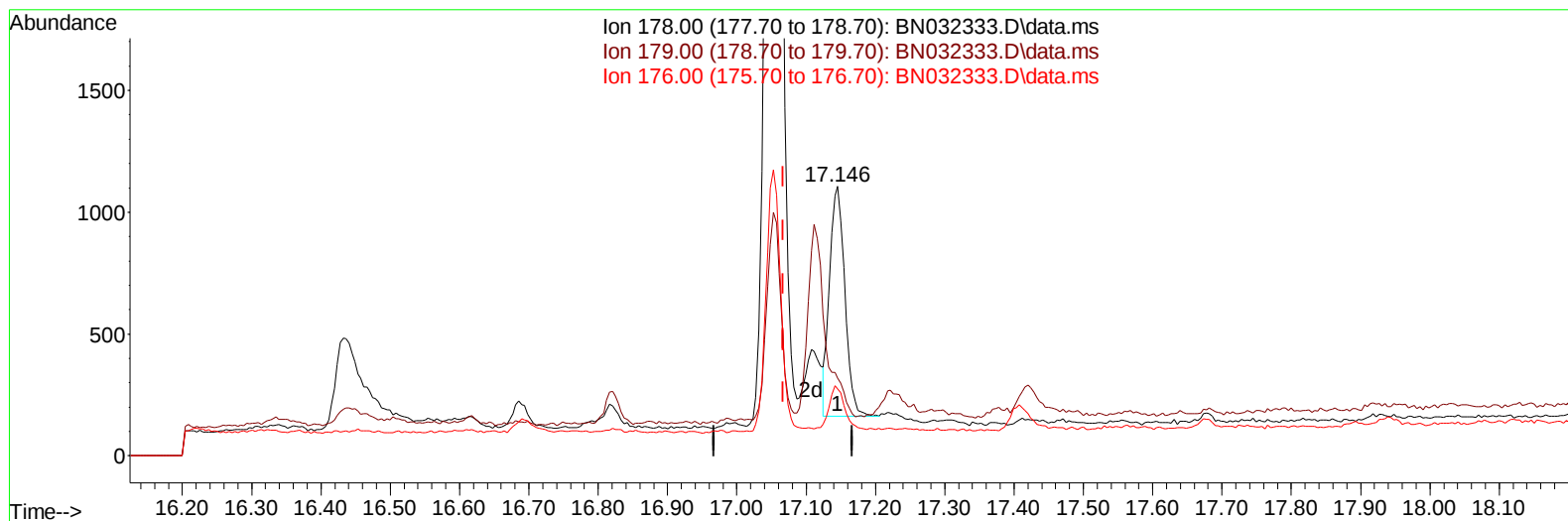
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032333.D
Acq On : 29 Jun 2024 03:16
Operator : MA/JU
Sample : P2934-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B62

Manual IntegrationsAPPROVED

Quant Time: Jun 29 03:45:42 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 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032333.D\data.ms

(15) Phenanthrene

17.146min (+ 0.079) 0.02 ng/u1

response 1426

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	28.93#
176.00	19.50	24.86#
0.00	0.00	0.00

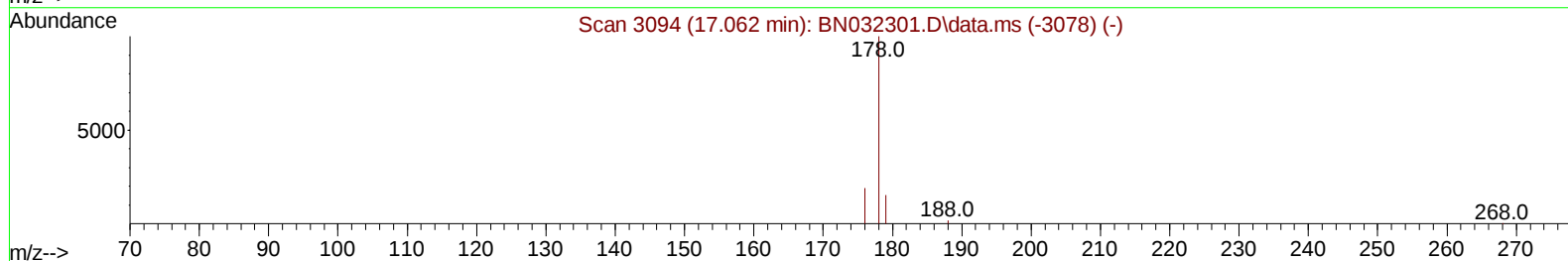
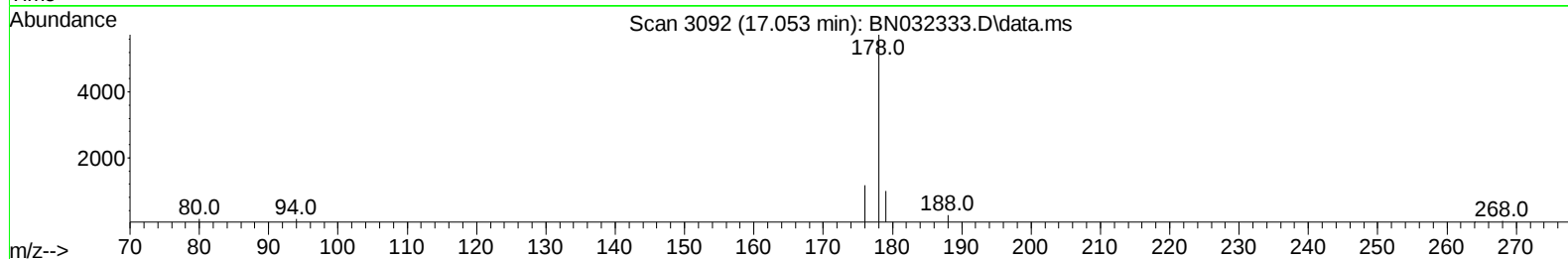
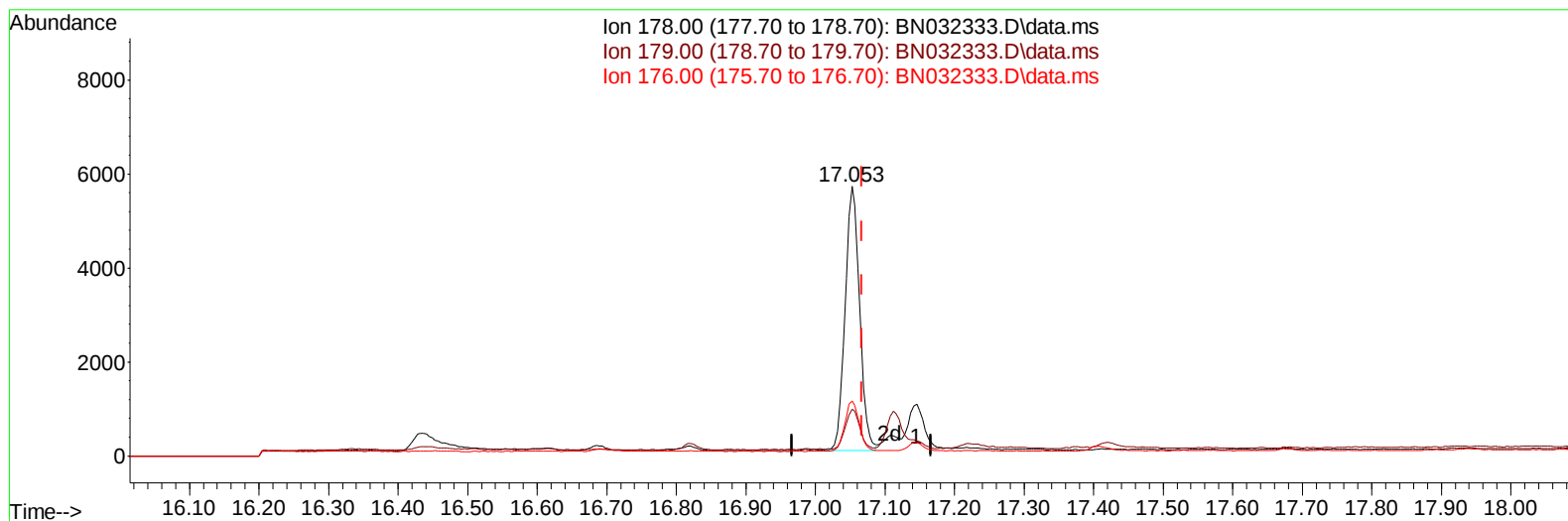
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032333.D
Acq On : 29 Jun 2024 03:16
Operator : MA/JU
Sample : P2934-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B62

Manual IntegrationsAPPROVED

Quant Time: Jun 29 03:45:42 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 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032333.D\data.ms

(15) Phenanthrene

17.053min (-0.014) 0.13 ng/ul m

response 8164

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	17.45
176.00	19.50	20.50
0.00	0.00	0.00

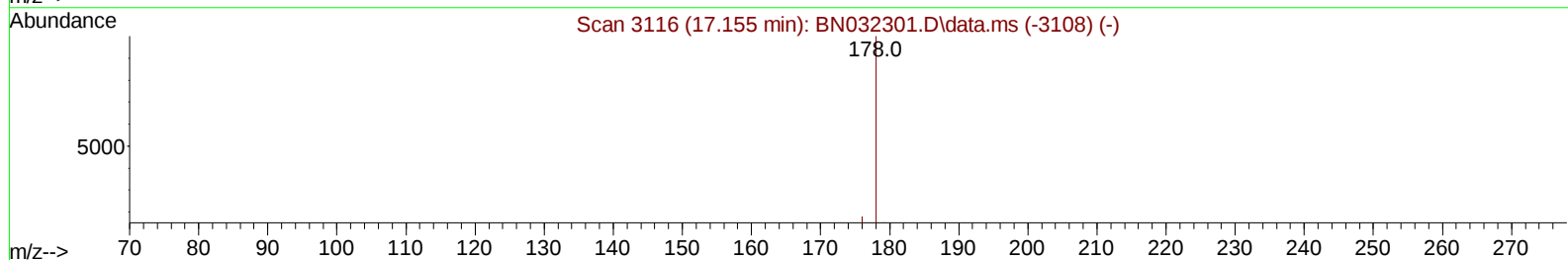
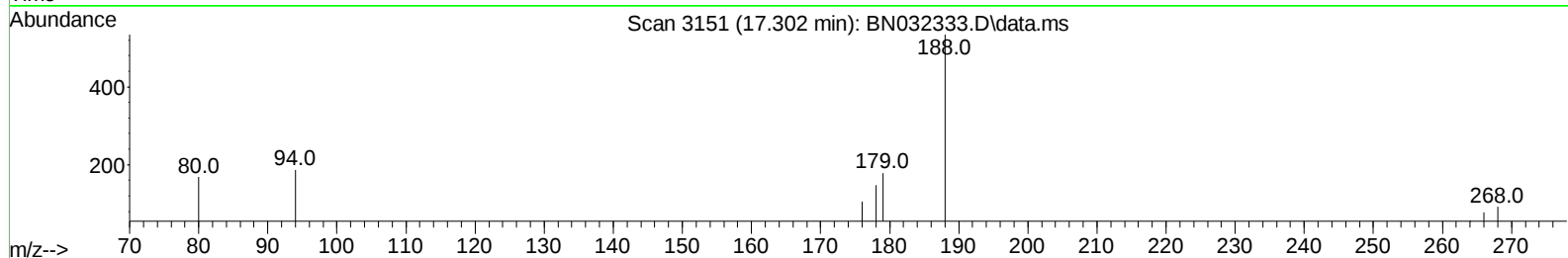
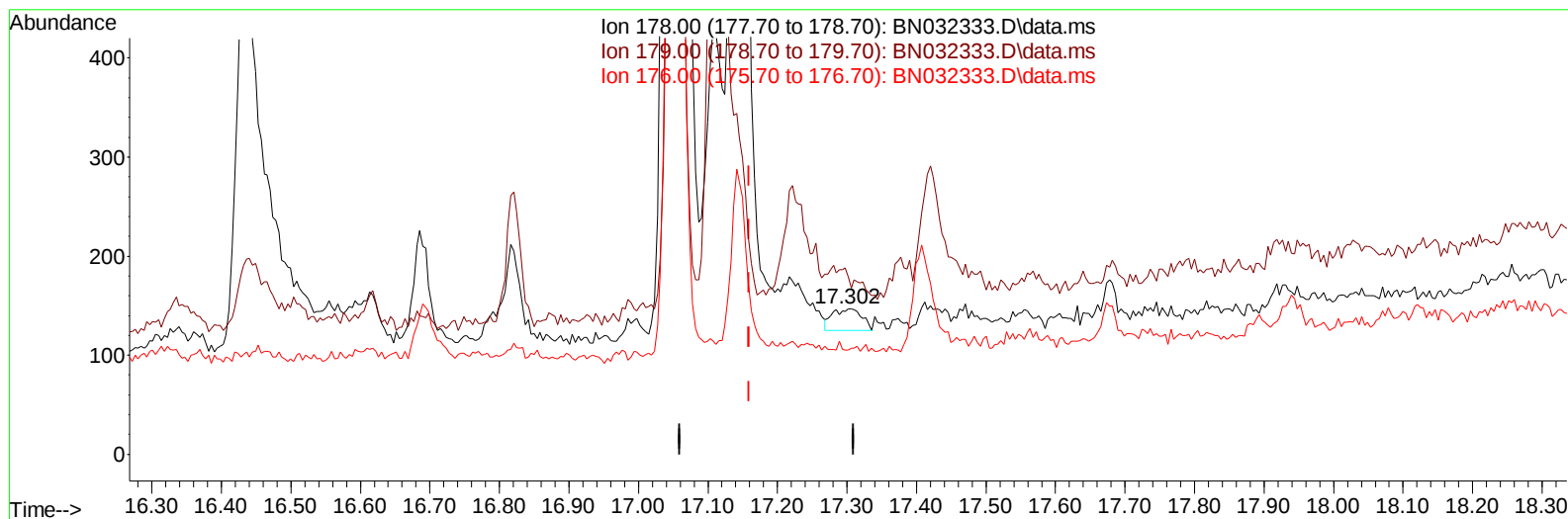
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032333.D
Acq On : 29 Jun 2024 03:16
Operator : MA/JU
Sample : P2934-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B62

Manual IntegrationsAPPROVED

Quant Time: Jun 29 03:45:42 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 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032333.D\data.ms

(16) Anthracene

17.302min (+ 0.142) 0.00 ng/u1

response 64

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	121.77#
176.00	18.80	71.43#
0.00	0.00	0.00

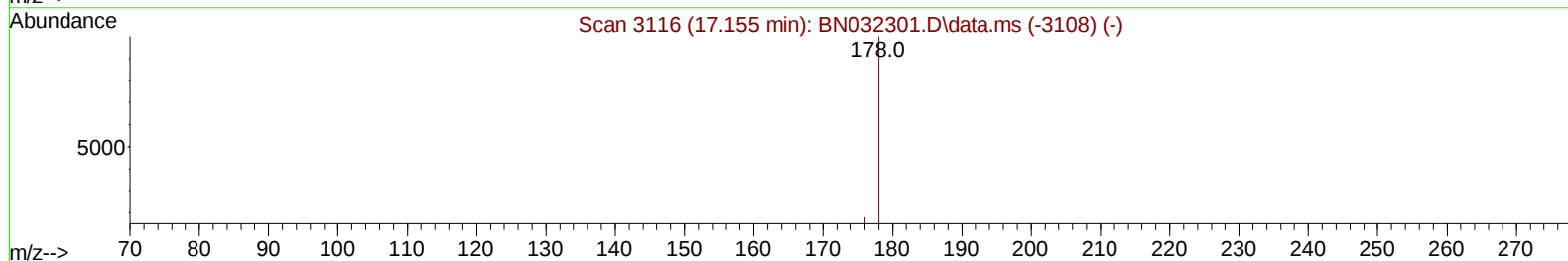
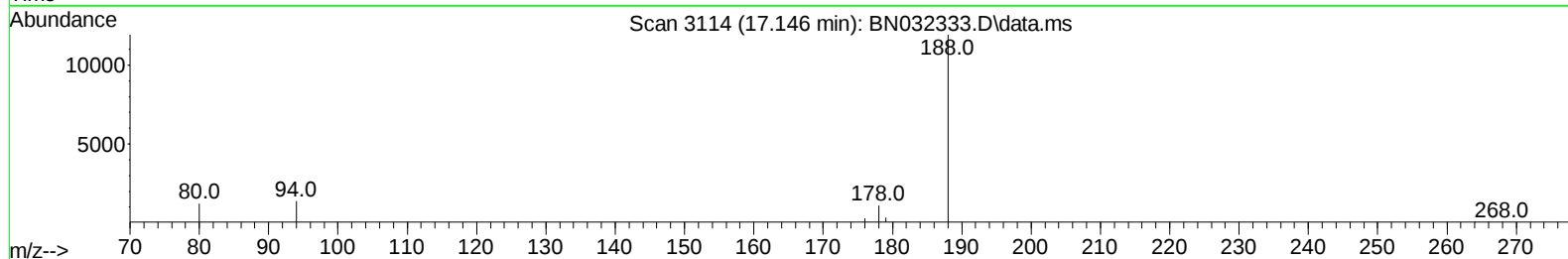
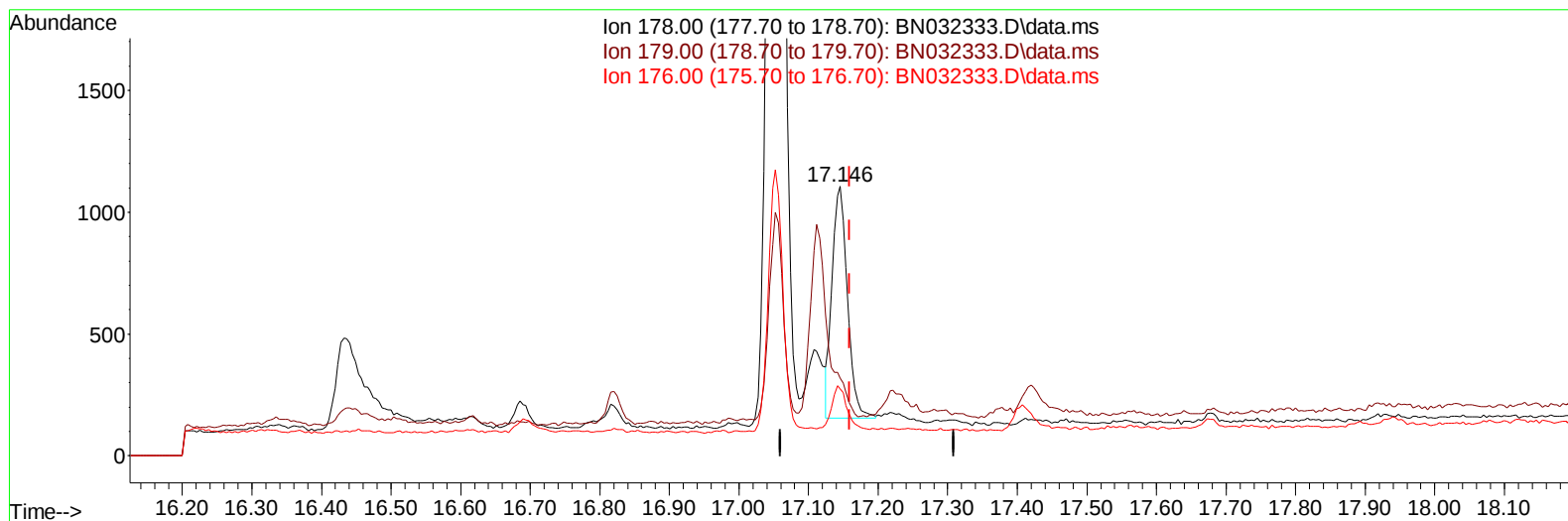
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032333.D
Acq On : 29 Jun 2024 03:16
Operator : MA/JU
Sample : P2934-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B62

Manual IntegrationsAPPROVED

Quant Time: Jun 29 03:45:42 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 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032333.D\data.ms

(16) Anthracene

17.146min (-0.014) 0.03 ng/ul m

response 1468

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	28.93#
176.00	18.80	24.86#
0.00	0.00	0.00

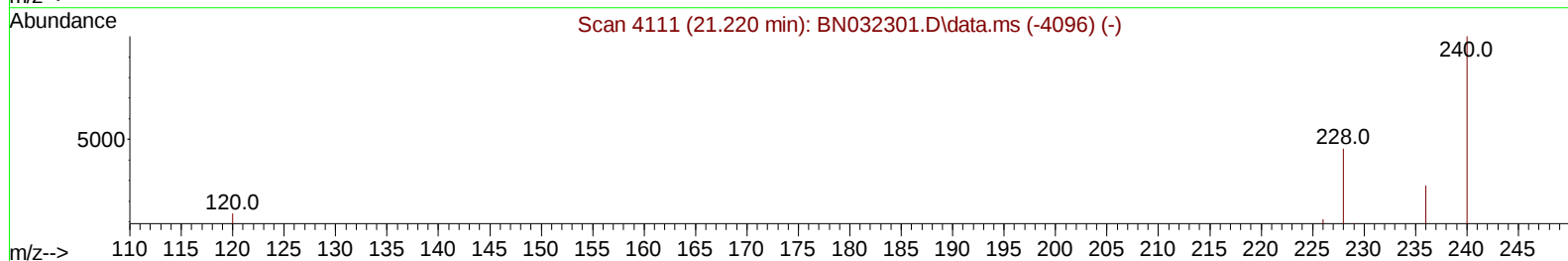
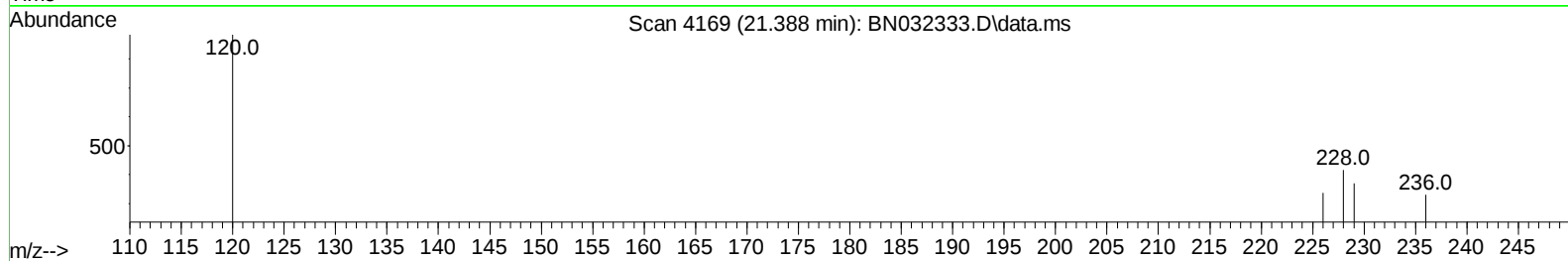
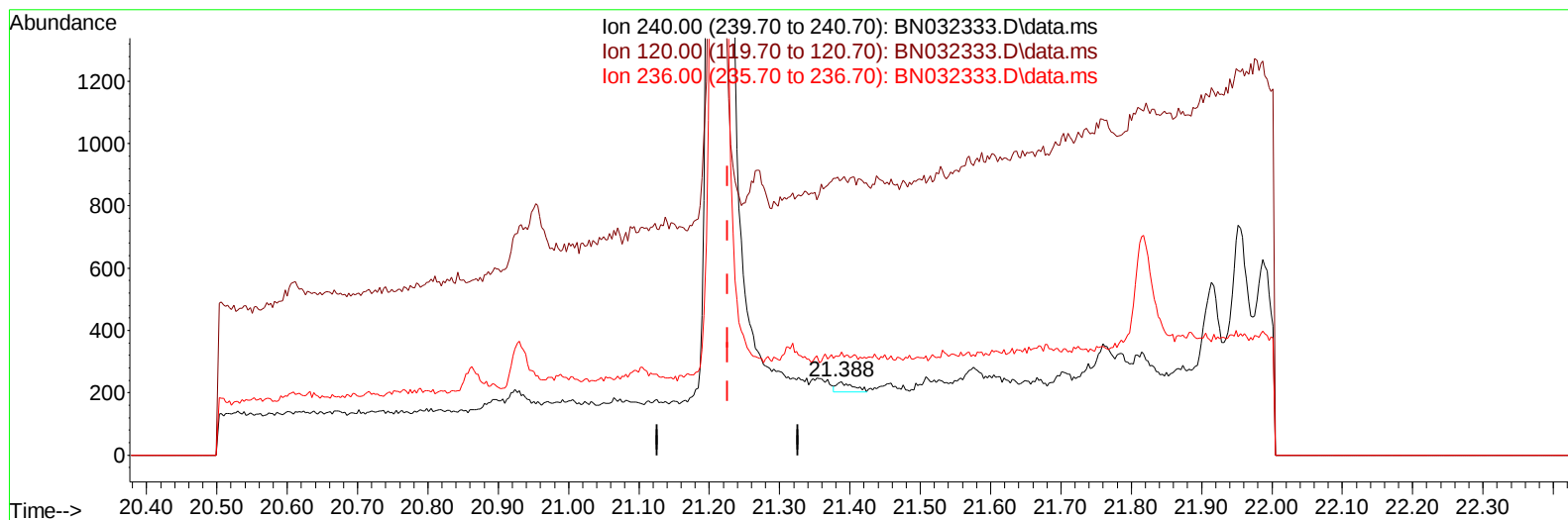
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032333.D
Acq On : 29 Jun 2024 03:16
Operator : MA/JU
Sample : P2934-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B62

Manual IntegrationsAPPROVED

Quant Time: Jun 29 03:45:42 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 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032333.D\data.ms

(17) Chrysene-d12

21.388min (+ 0.162) 0.40 ng/u1

response 53

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	374.58#
236.00	28.40	140.25#
0.00	0.00	0.00

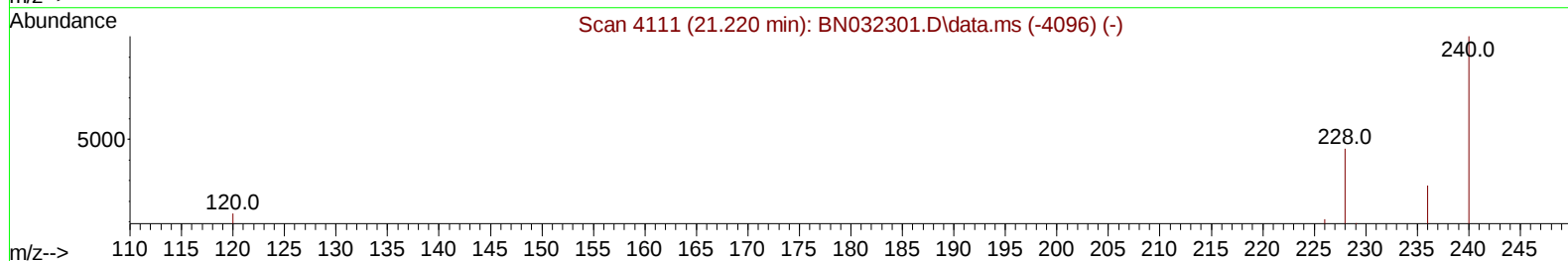
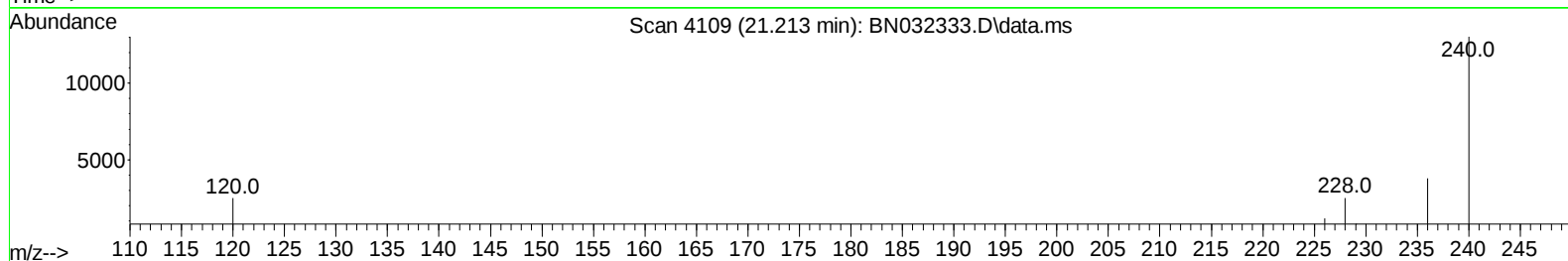
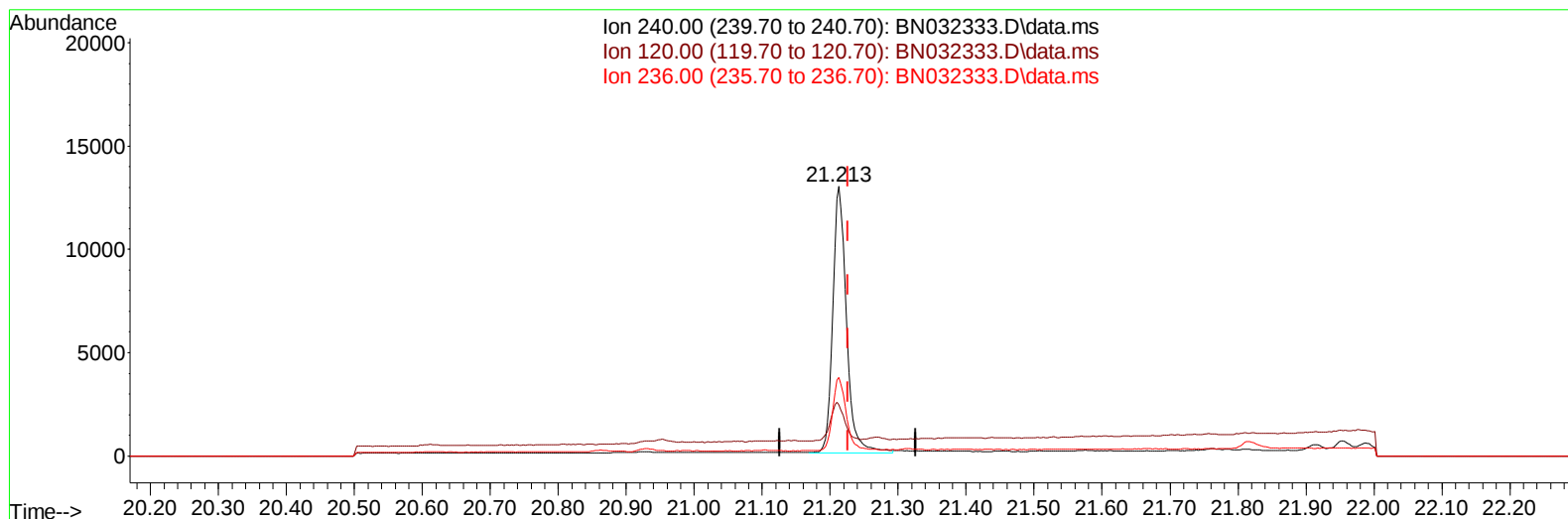
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032333.D
Acq On : 29 Jun 2024 03:16
Operator : MA/JU
Sample : P2934-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B62

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jun 29 03:45:42 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: BN032333.D\data.ms

(17) Chrysene-d12

21.213min (-0.013) 0.40 ng/ul m

response 18034

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	19.08
236.00	28.40	29.03
0.00	0.00	0.00

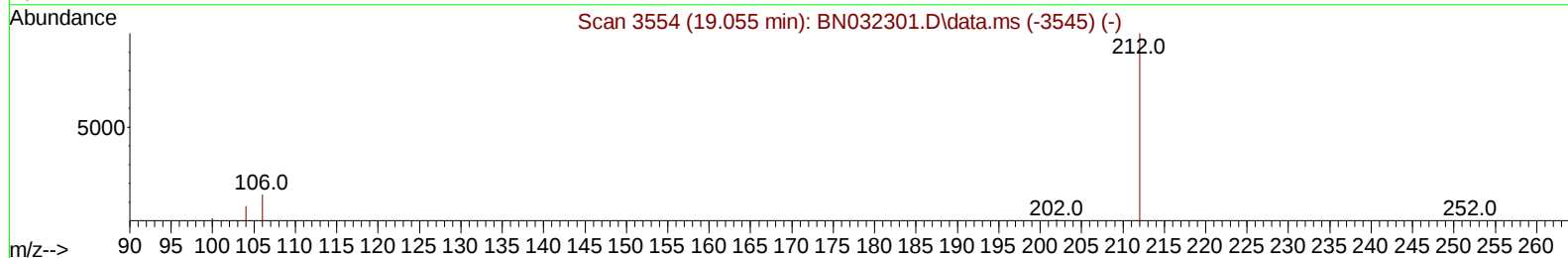
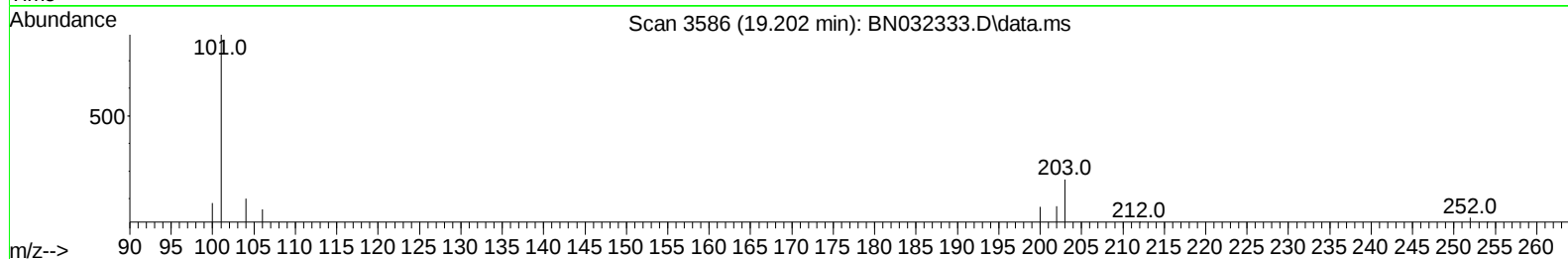
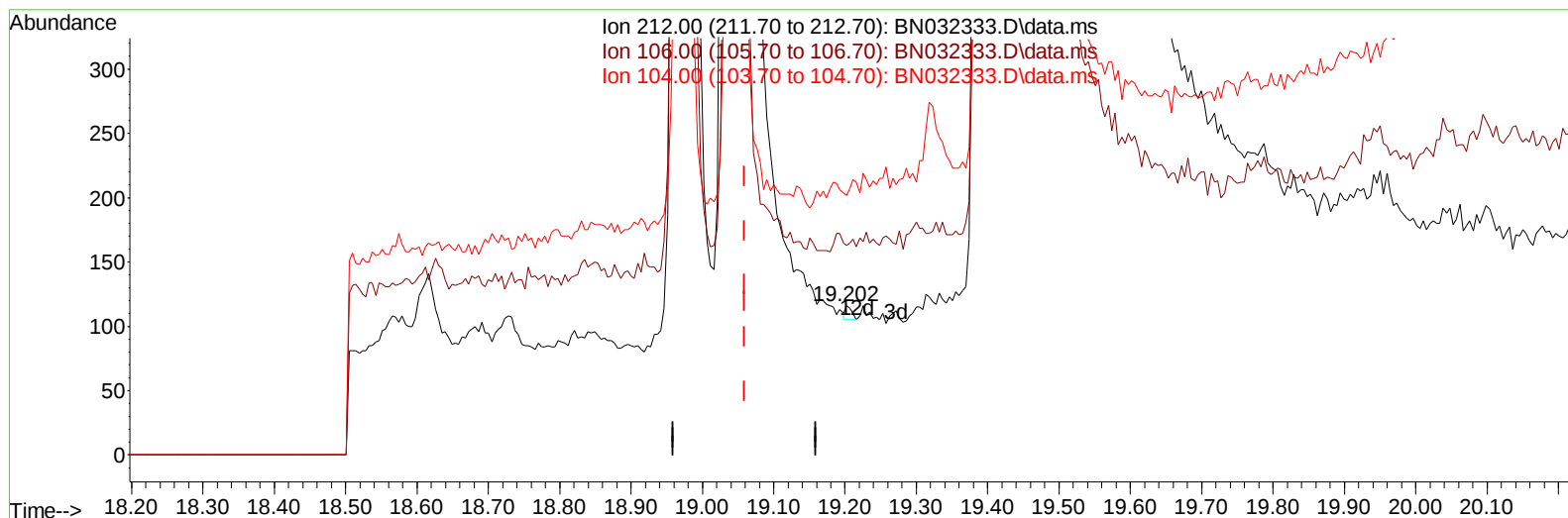
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032333.D
Acq On : 29 Jun 2024 03:16
Operator : MA/JU
Sample : P2934-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B62

Manual IntegrationsAPPROVED

Quant Time: Jun 29 03:45:42 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 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032333.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.202min (+ 0.143) 0.00 ng/u1

response 7

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	71.43#
104.00	8.40	128.57#
0.00	0.00	0.00

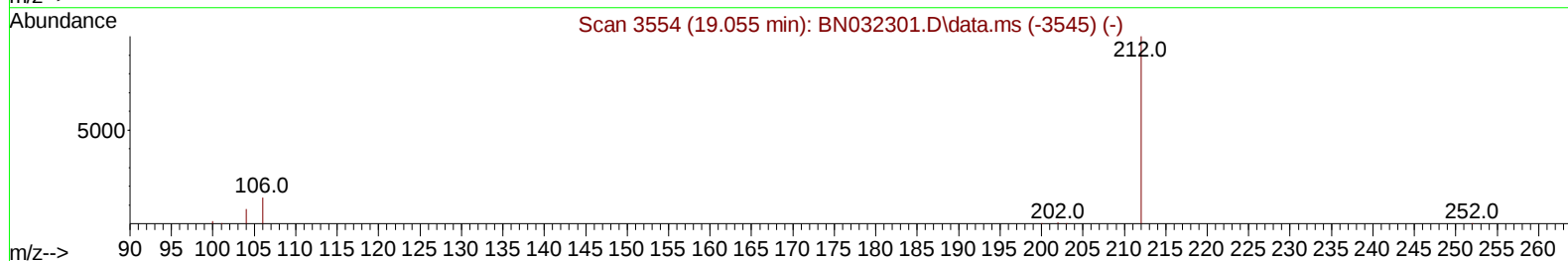
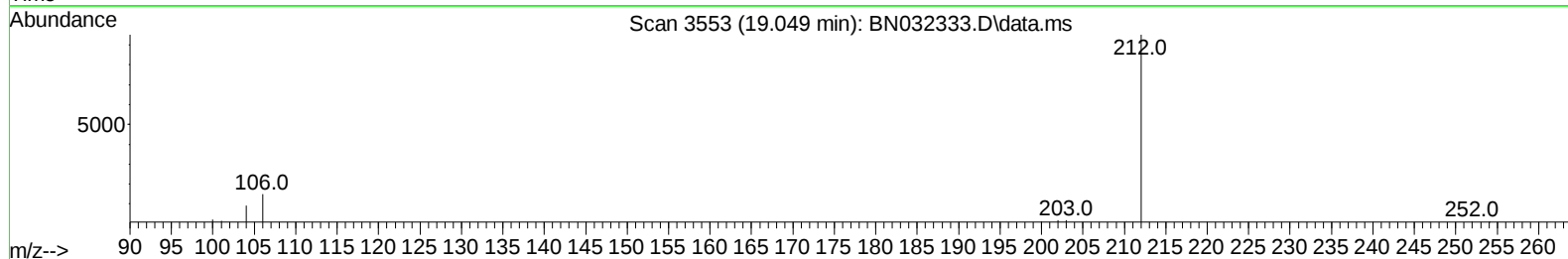
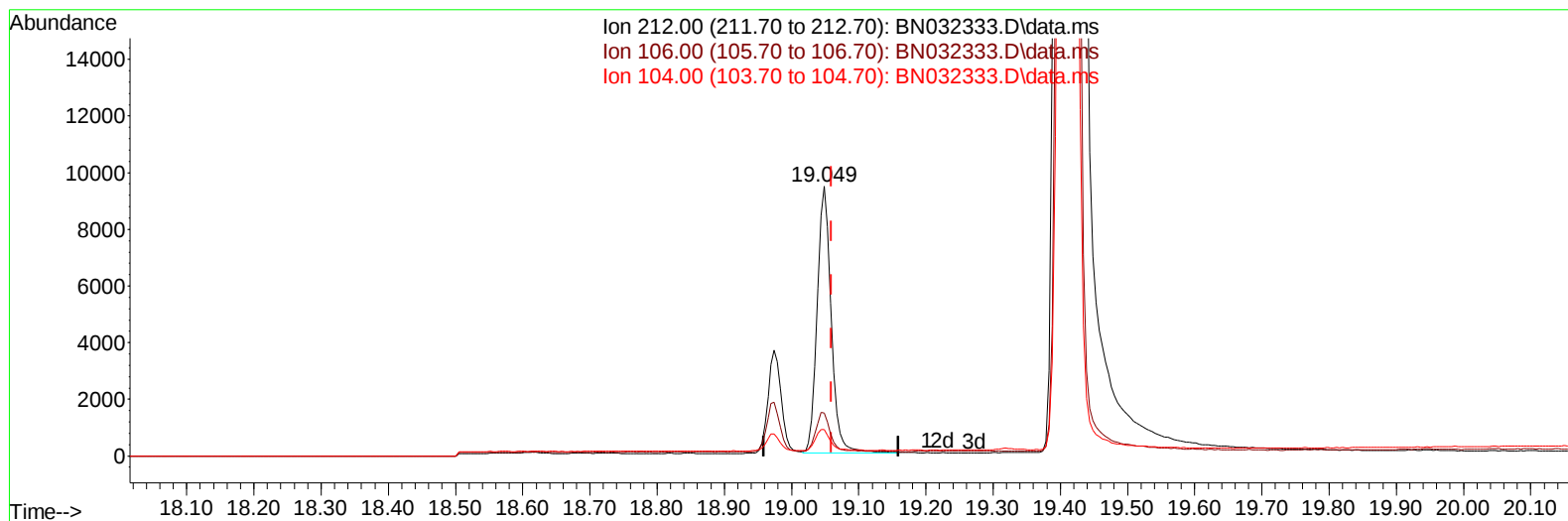
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032333.D
Acq On : 29 Jun 2024 03:16
Operator : MA/JU
Sample : P2934-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B62

Manual IntegrationsAPPROVED

Quant Time: Jun 29 03:45:42 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 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032333.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.049min (-0.011) 0.25 ng/u1 m

response 13399

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	0.04#
104.00	8.40	0.07#
0.00	0.00	0.00

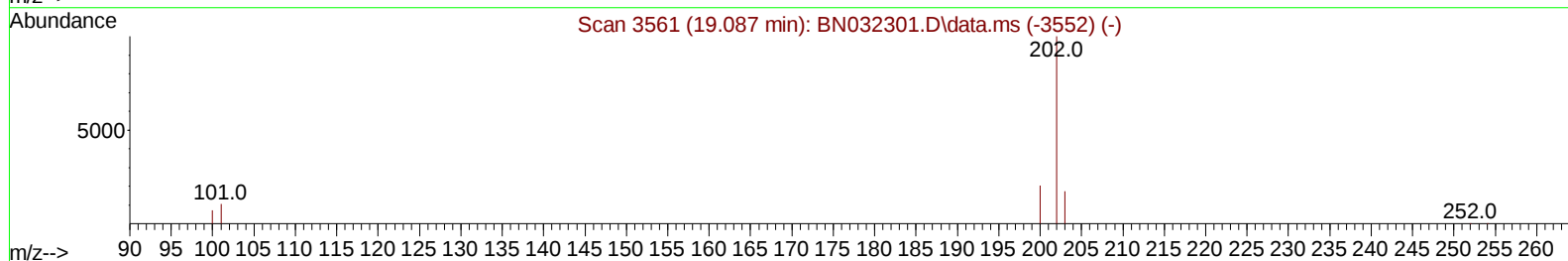
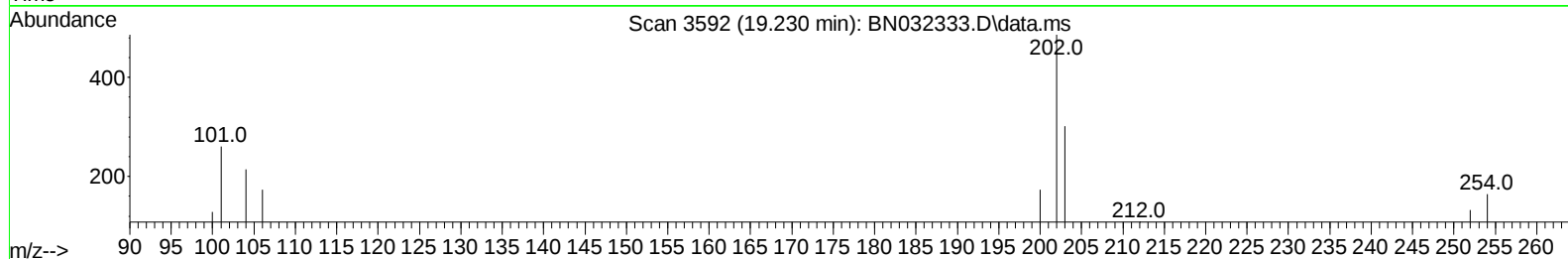
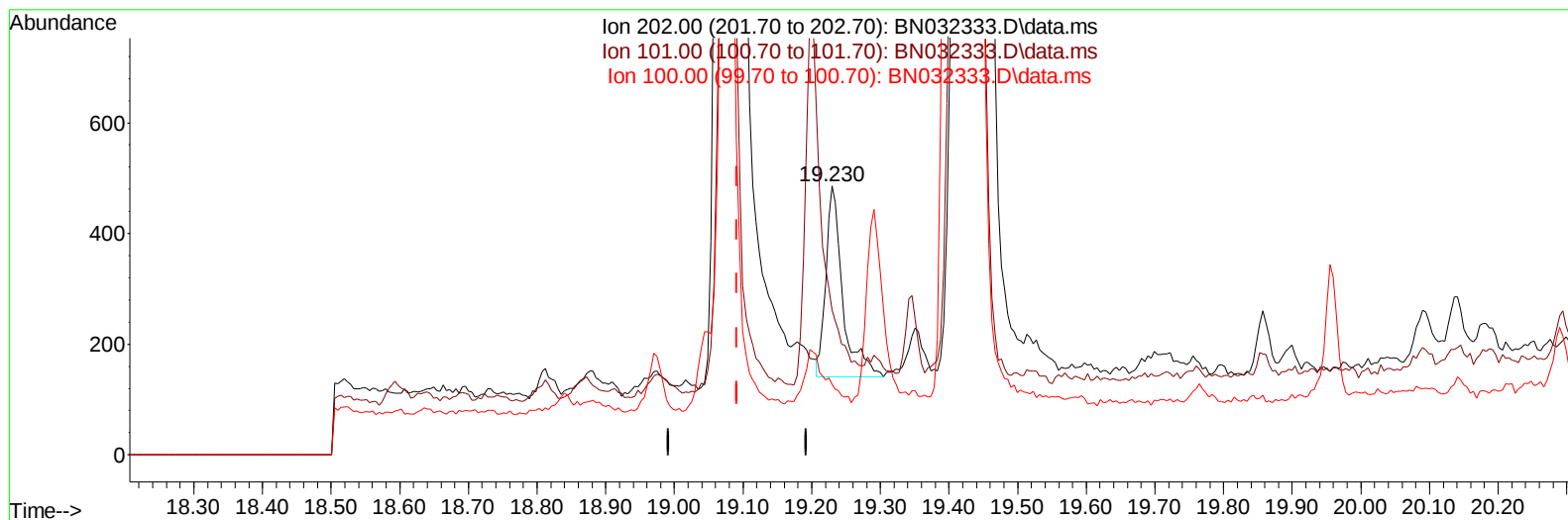
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032333.D
Acq On : 29 Jun 2024 03:16
Operator : MA/JU
Sample : P2934-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B62

Manual IntegrationsAPPROVED

Quant Time: Jun 29 03:45:42 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 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032333.D\data.ms

(19) Fluoranthene (C)

19.230min (+ 0.138) 0.01 ng/u1

response 588

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	53.70#
100.00	8.00	26.34#
0.00	0.00	0.00

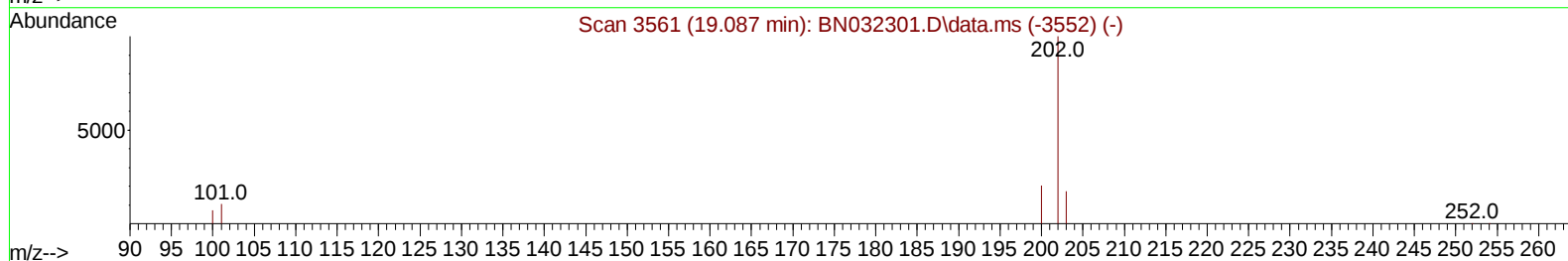
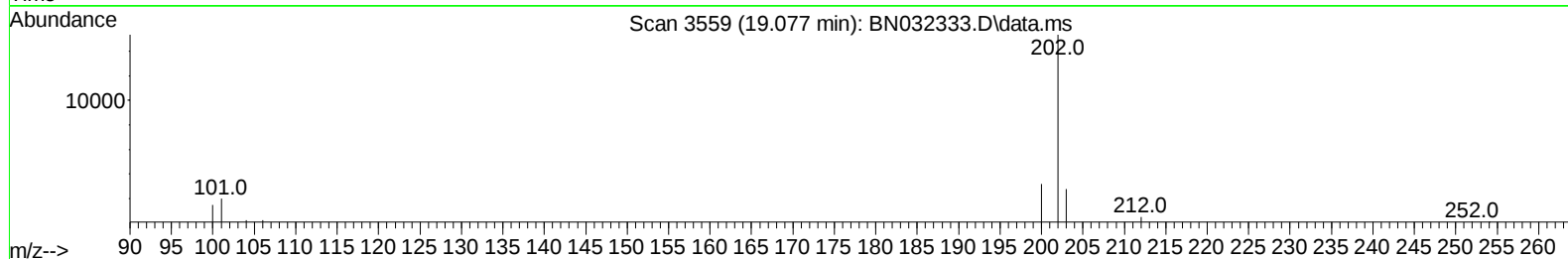
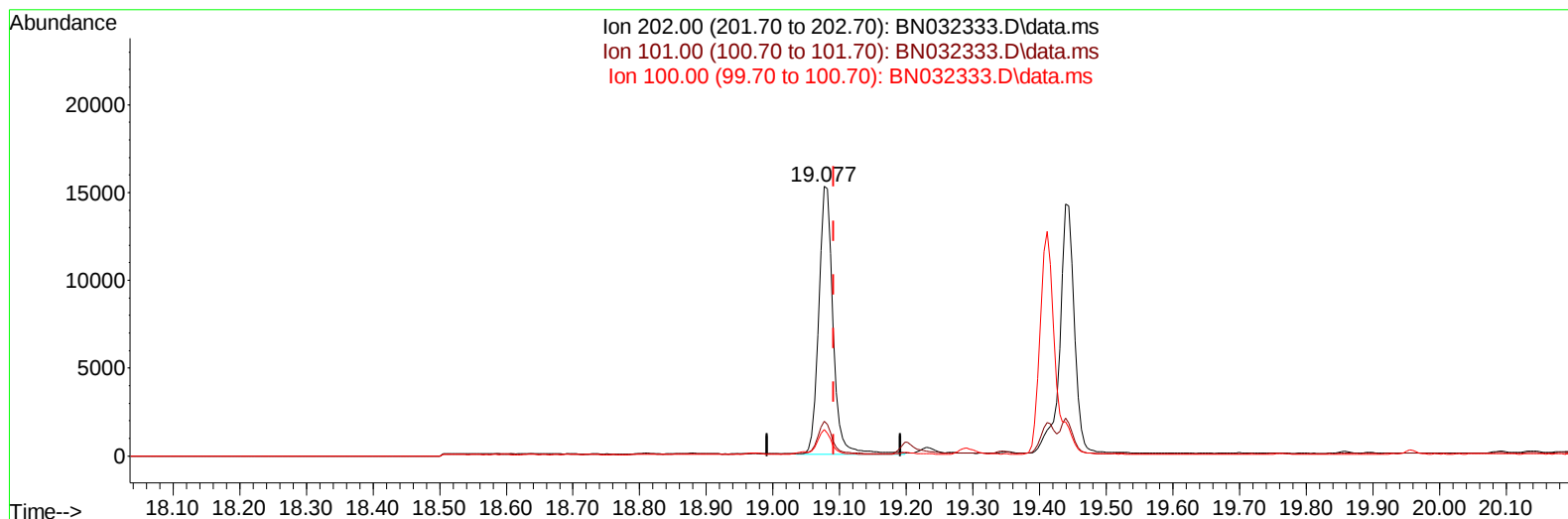
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032333.D
Acq On : 29 Jun 2024 03:16
Operator : MA/JU
Sample : P2934-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B62

Manual IntegrationsAPPROVED

Quant Time: Jun 29 03:45:42 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 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032333.D\data.ms

(19) Fluoranthene (C)

19.077min (-0.015) 0.33 ng/u1 m

response 22612

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	12.88
100.00	8.00	9.75#
0.00	0.00	0.00

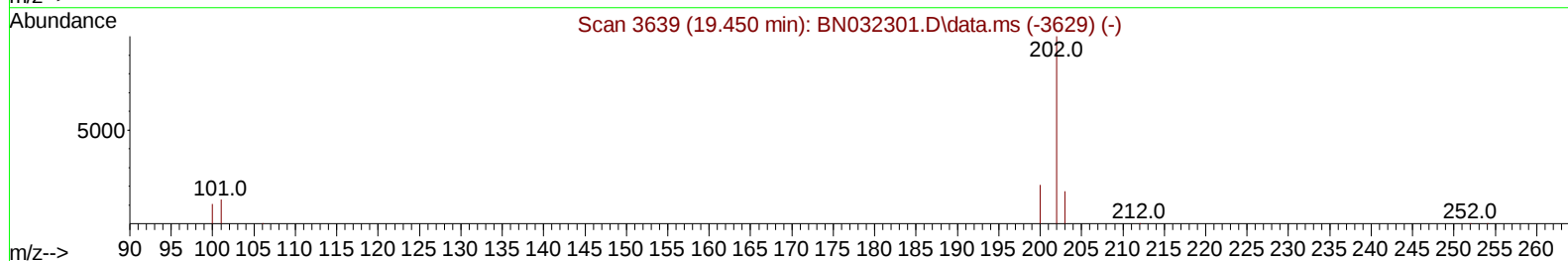
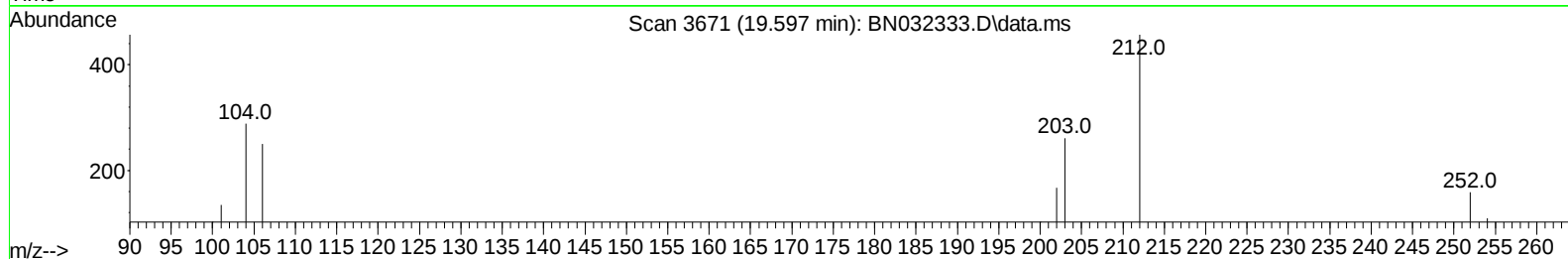
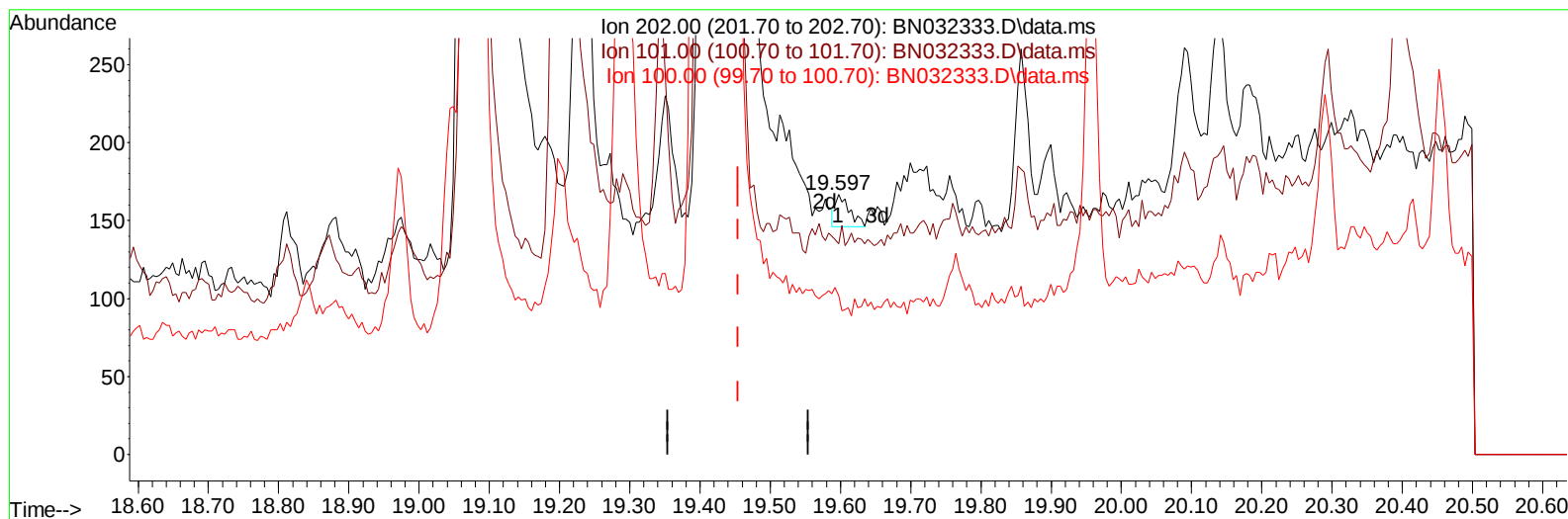
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032333.D
 Acq On : 29 Jun 2024 03:16
 Operator : MA/JU
 Sample : P2934-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B62

Manual IntegrationsAPPROVED

Quant Time: Jun 29 03:45:42 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 06/29/2024
 Supervised By :mohammad ahmed 07/04/2024



TIC: BN032333.D\data.ms

(20) Pyrene

19.597min (+ 0.143) 0.00 ng/u1

response 29

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	80.84#
100.00	10.90	61.08#
0.00	0.00	0.00

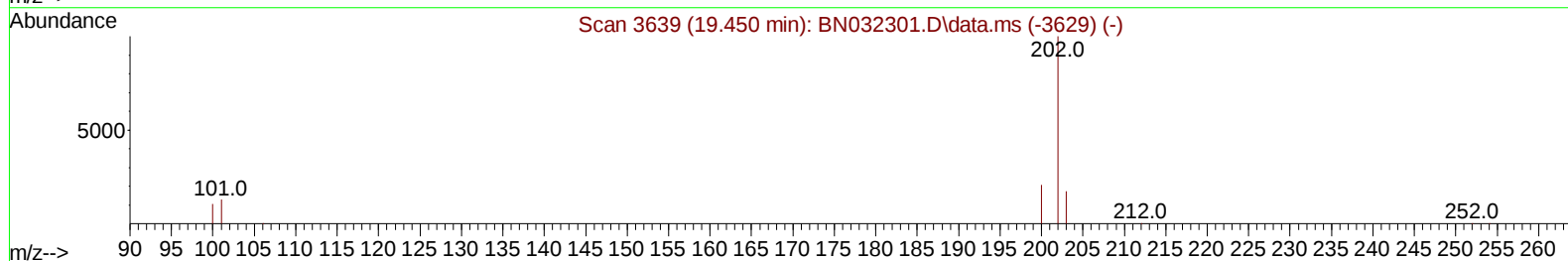
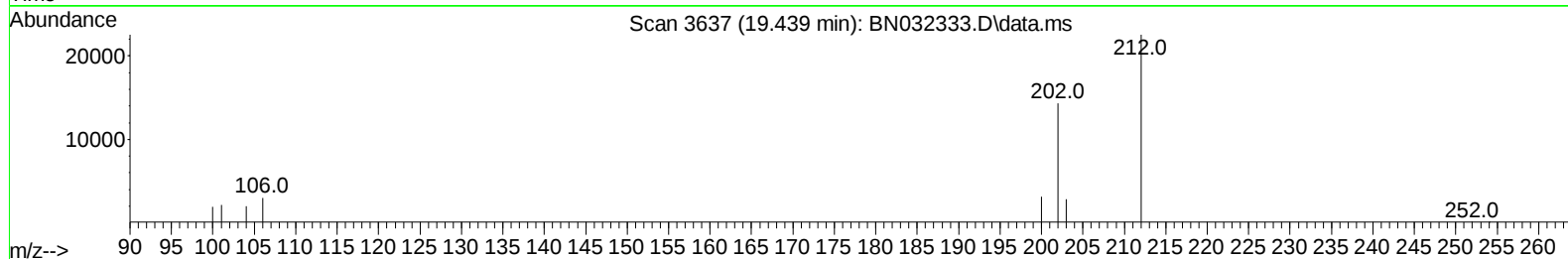
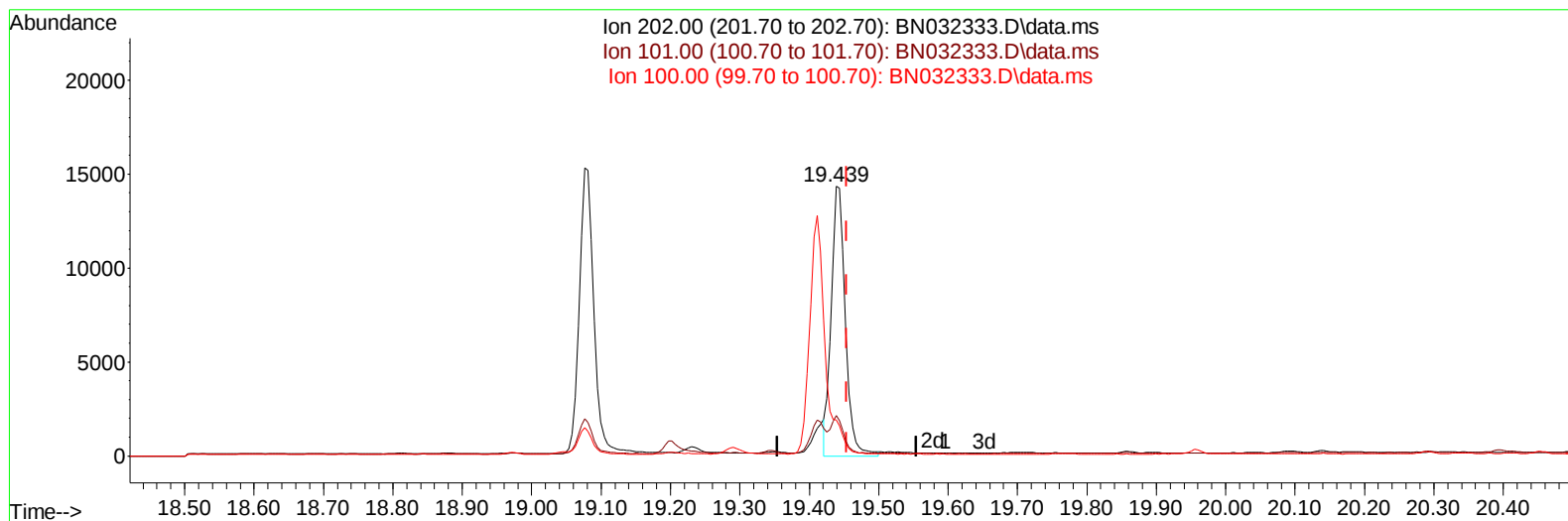
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032333.D
Acq On : 29 Jun 2024 03:16
Operator : MA/JU
Sample : P2934-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B62

Manual IntegrationsAPPROVED

Quant Time: Jun 29 03:45:42 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 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032333.D\data.ms

(20) Pyrene

19.439min (-0.015) 0.28 ng/u1 m

response 20418

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	14.91
100.00	10.90	13.40#
0.00	0.00	0.00

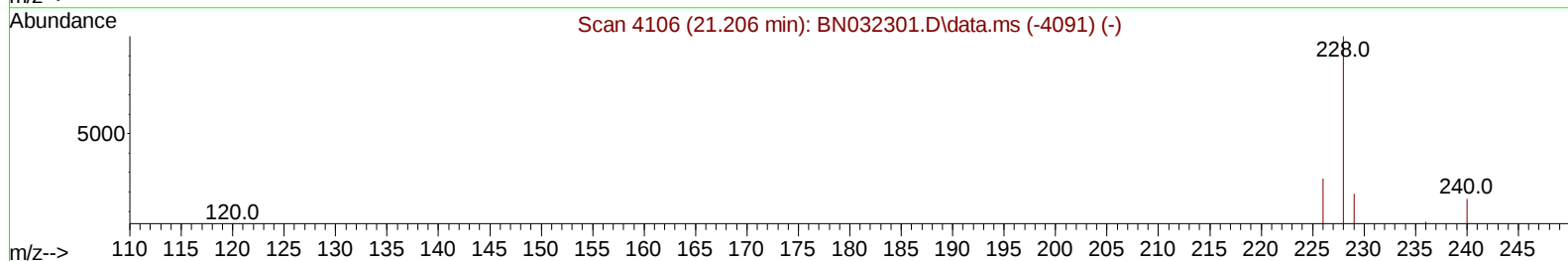
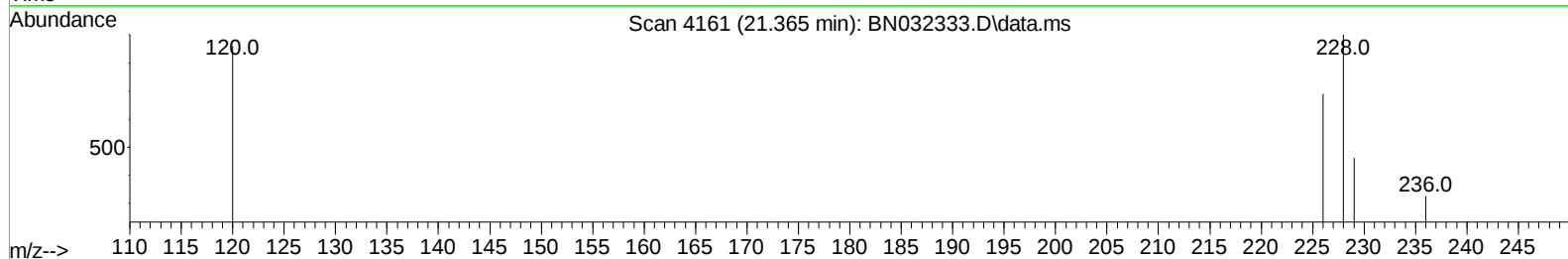
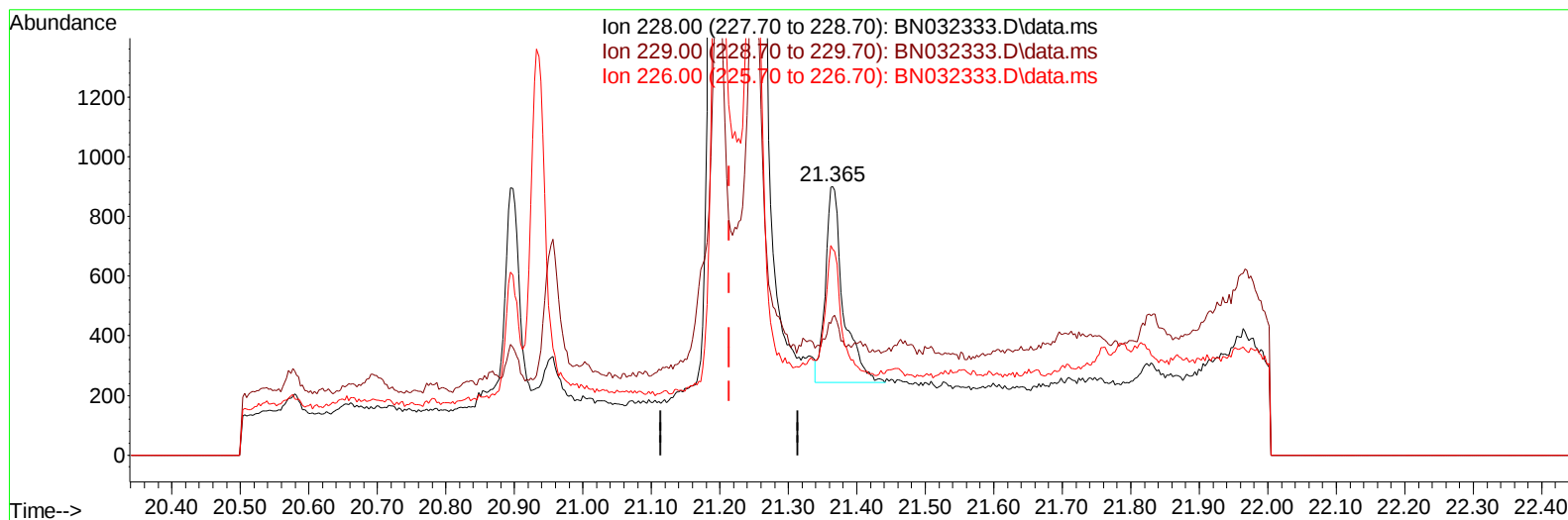
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032333.D
Acq On : 29 Jun 2024 03:16
Operator : MA/JU
Sample : P2934-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B62

Manual IntegrationsAPPROVED

Quant Time: Jun 29 03:45:42 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 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032333.D\data.ms

(21) Benzo(a)anthracene

21.365min (+ 0.150) 0.02 ng/u1

response 1190

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	51.28#
226.00	27.30	76.58#
0.00	0.00	0.00

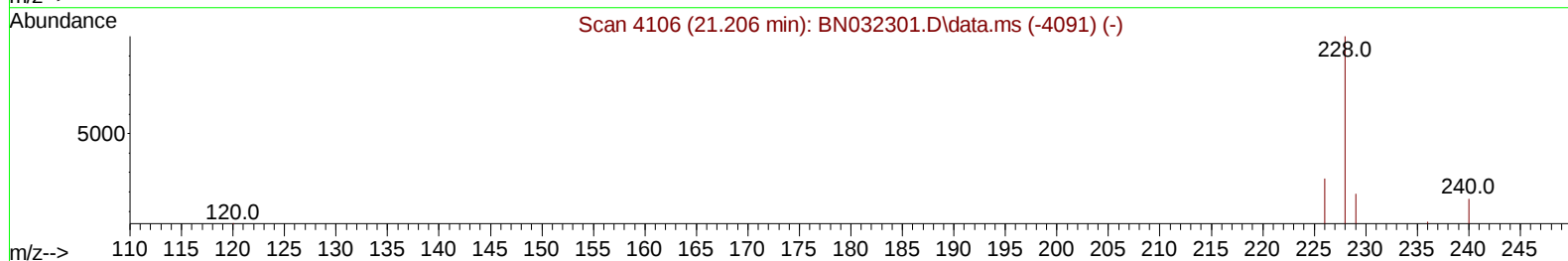
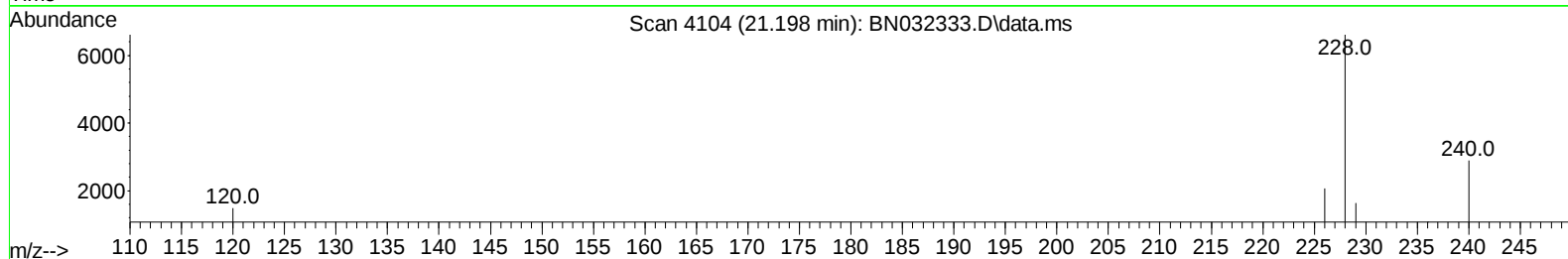
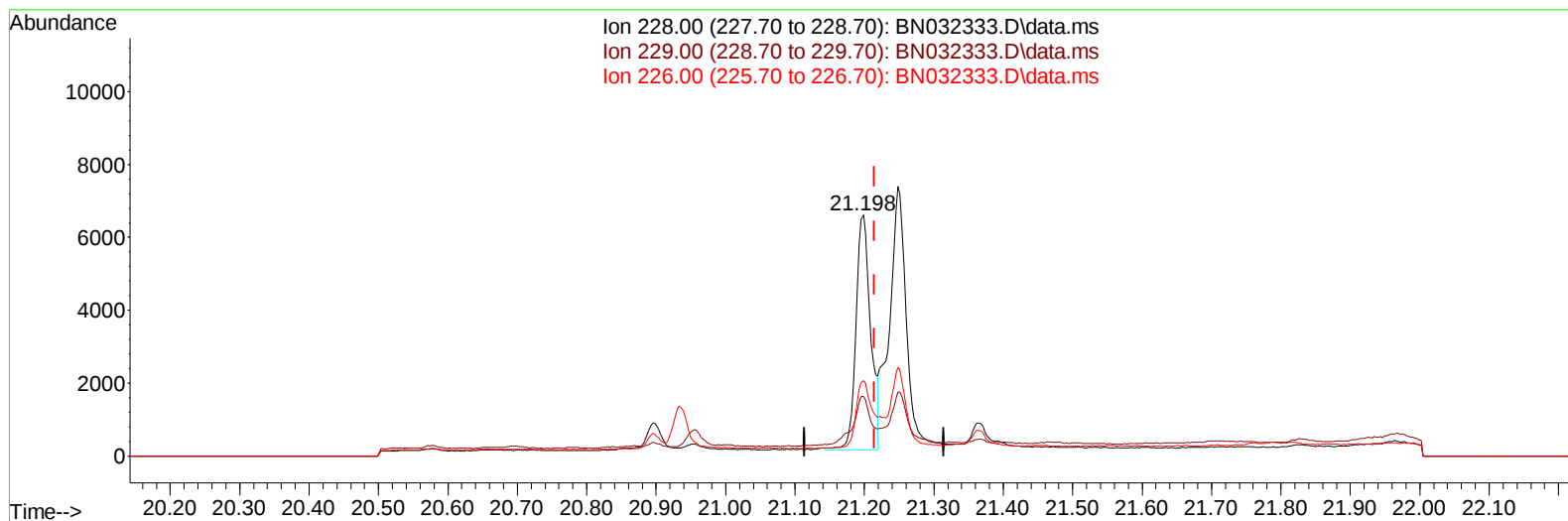
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032333.D
Acq On : 29 Jun 2024 03:16
Operator : MA/JU
Sample : P2934-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B62

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jun 29 03:45:42 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: BN032333.D\data.ms

(21) Benzo(a)anthracene

21.198min (-0.016) 0.15 ng/u1 m

response 9457

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	24.61#
226.00	27.30	31.19
0.00	0.00	0.00

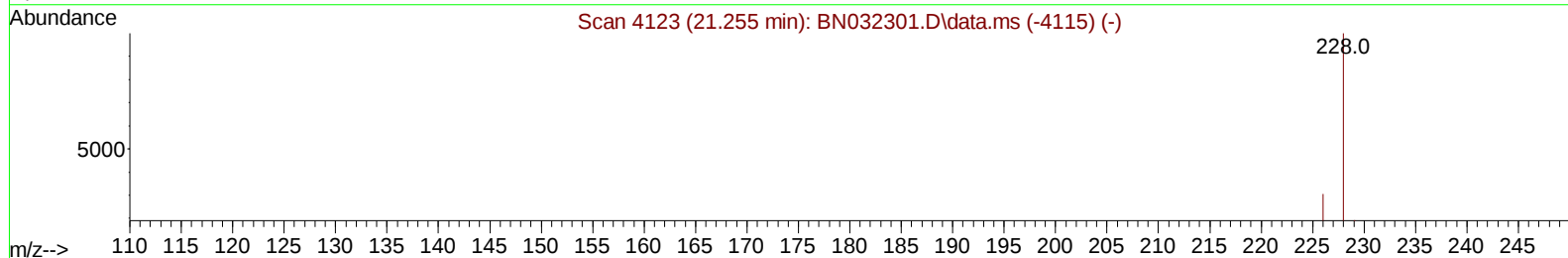
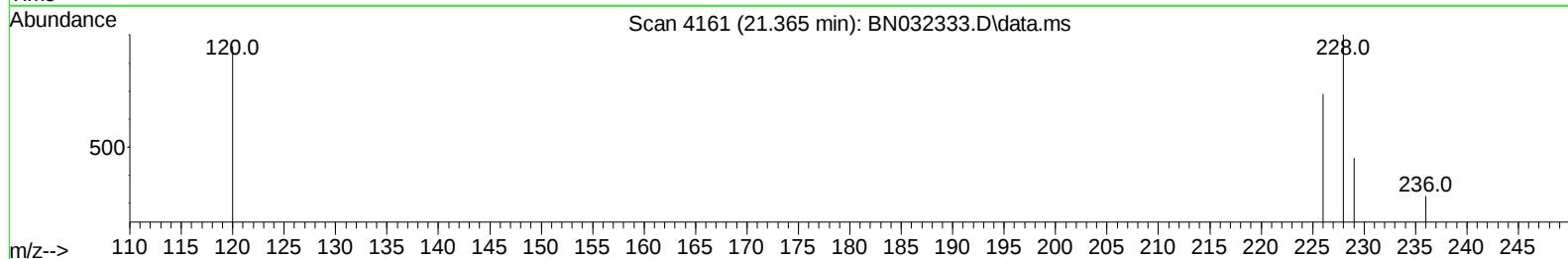
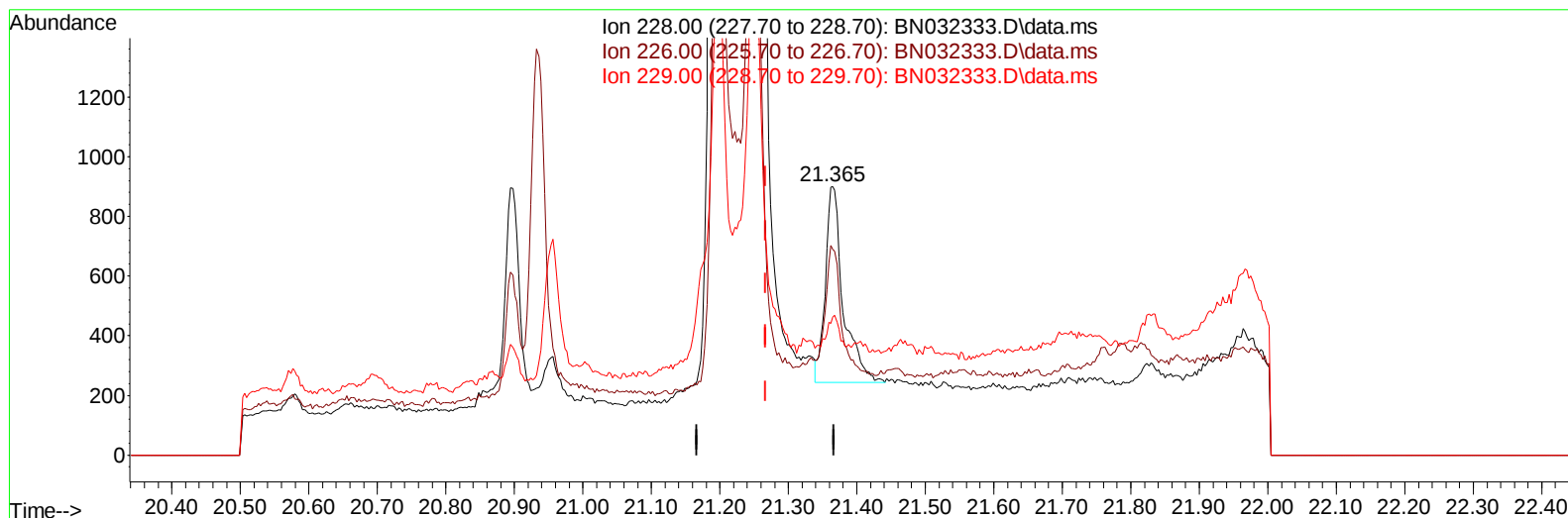
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032333.D
Acq On : 29 Jun 2024 03:16
Operator : MA/JU
Sample : P2934-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B62

Manual IntegrationsAPPROVED

Quant Time: Jun 29 03:45:42 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 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032333.D\data.ms

(22) Chrysene

21.365min (+ 0.098) 0.02 ng/u1

response 1190

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	76.58#
229.00	19.60	51.28#
0.00	0.00	0.00

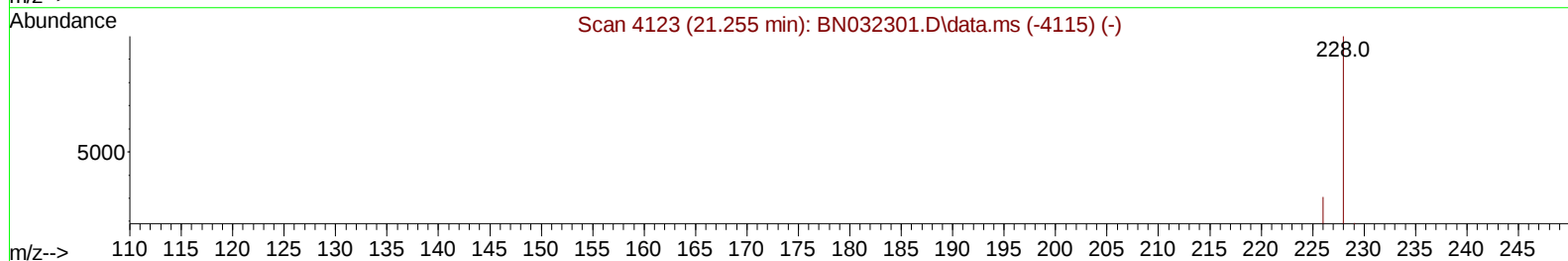
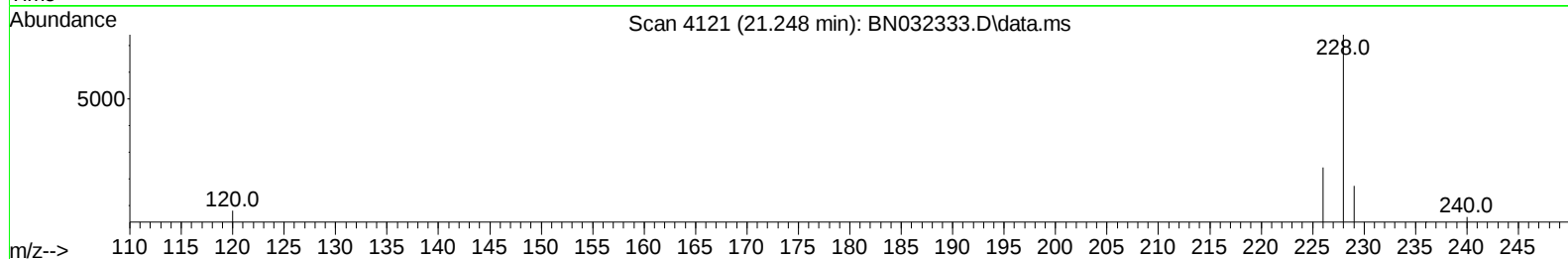
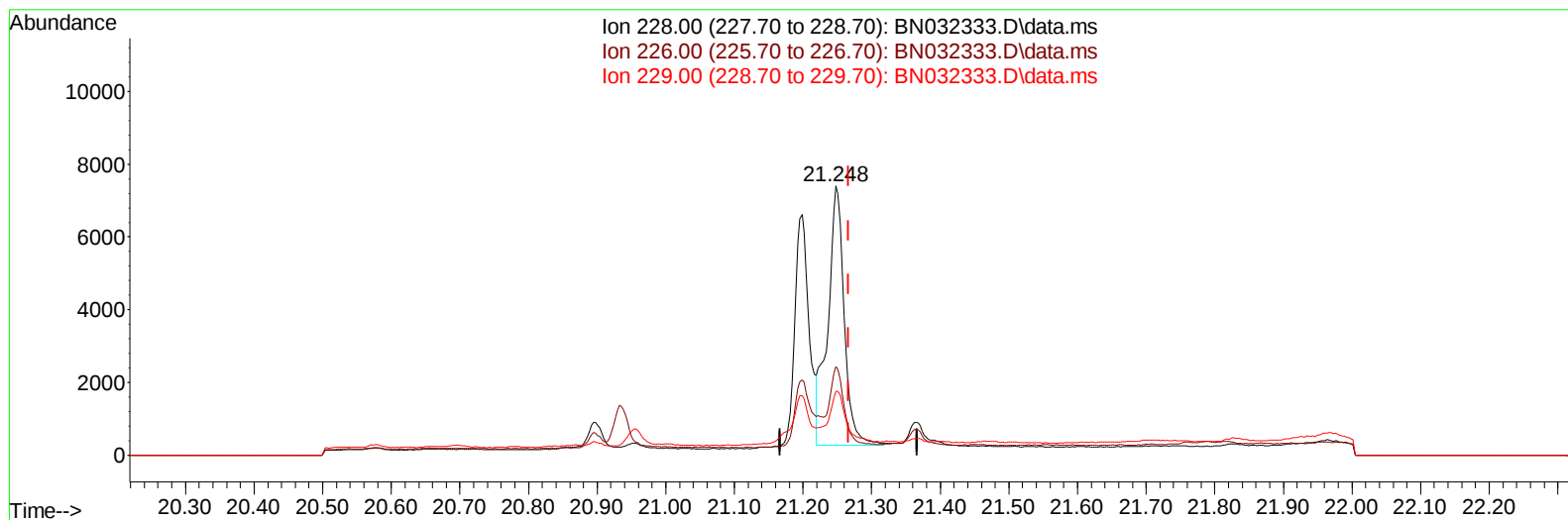
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032333.D
Acq On : 29 Jun 2024 03:16
Operator : MA/JU
Sample : P2934-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B62

Manual IntegrationsAPPROVED

Quant Time: Jun 29 03:45:42 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 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032333.D\data.ms

(22) Chrysene

21.248min (-0.019) 0.17 ng/ul m

response 11964

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	32.95
229.00	19.60	23.70#
0.00	0.00	0.00

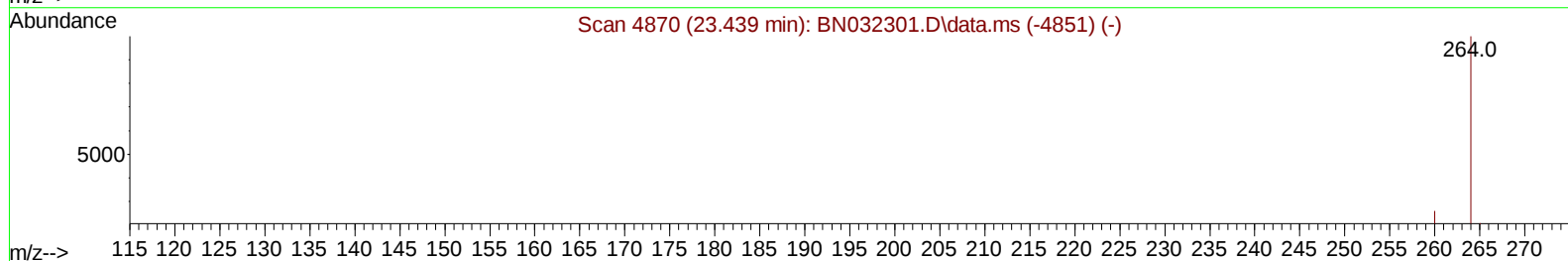
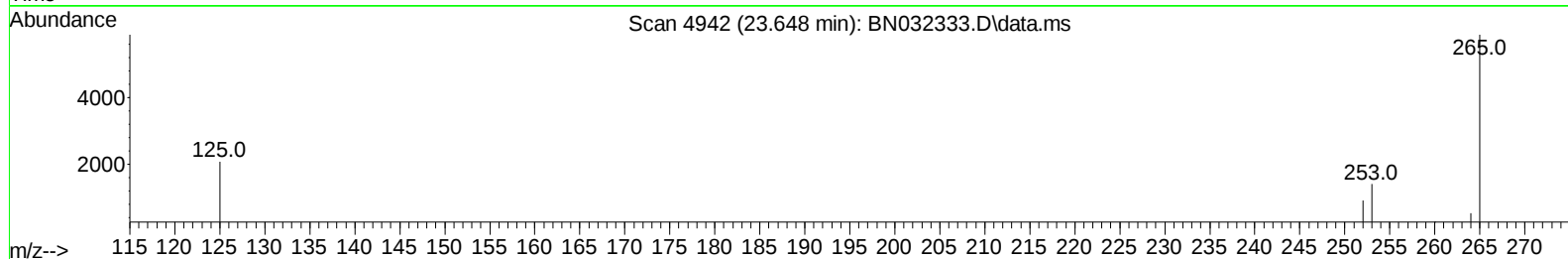
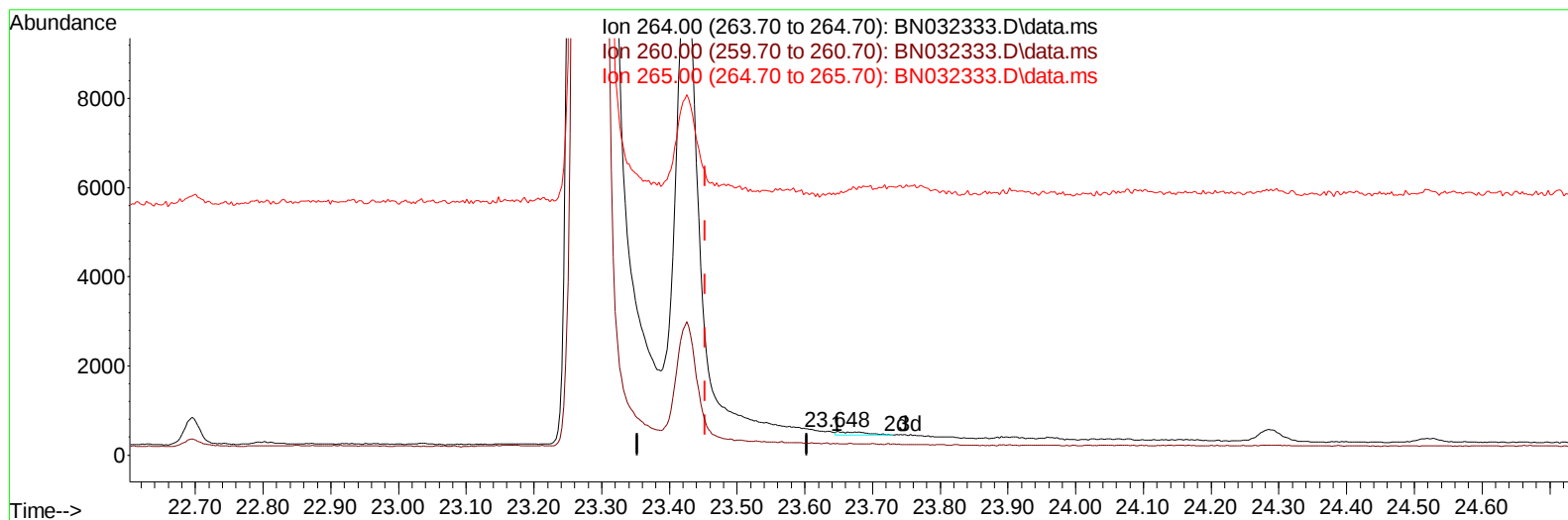
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032333.D
Acq On : 29 Jun 2024 03:16
Operator : MA/JU
Sample : P2934-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B62

Manual IntegrationsAPPROVED

Quant Time: Jun 29 03:45:42 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 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032333.D\data.ms

(23) Perylene-d12 (I)

23.648min (+ 0.194) 0.40 ng/u1

response 234

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	48.86#
265.00	67.20	1112.88#
0.00	0.00	0.00

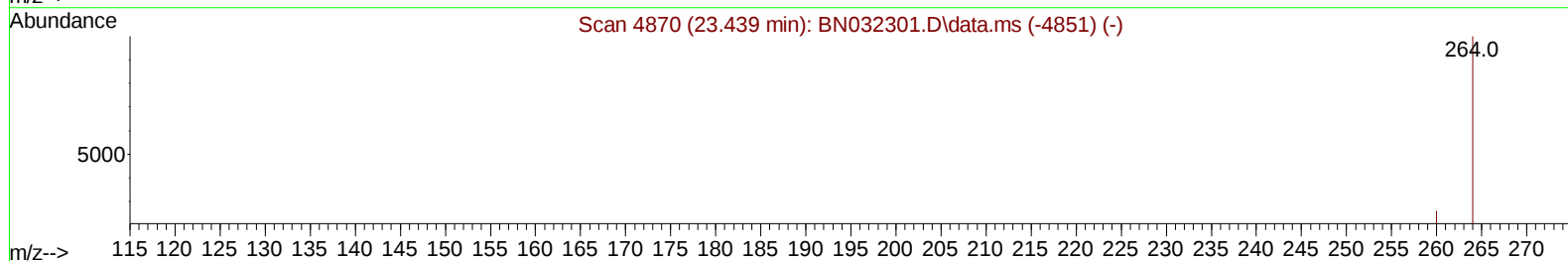
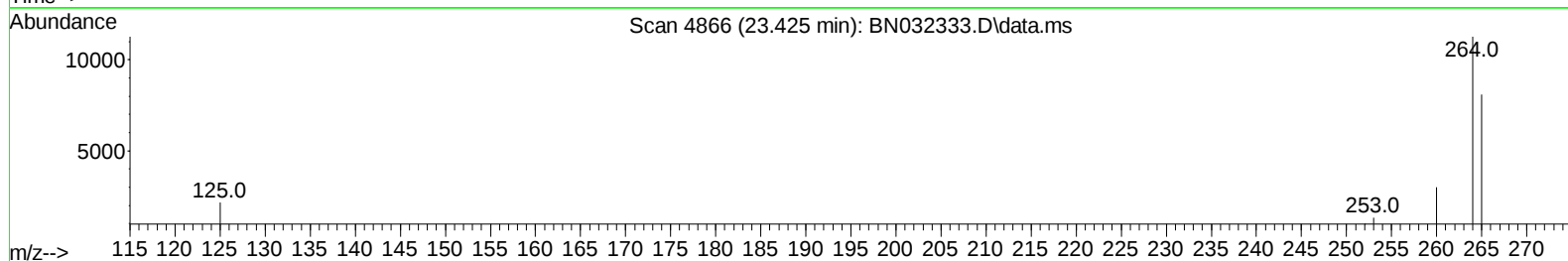
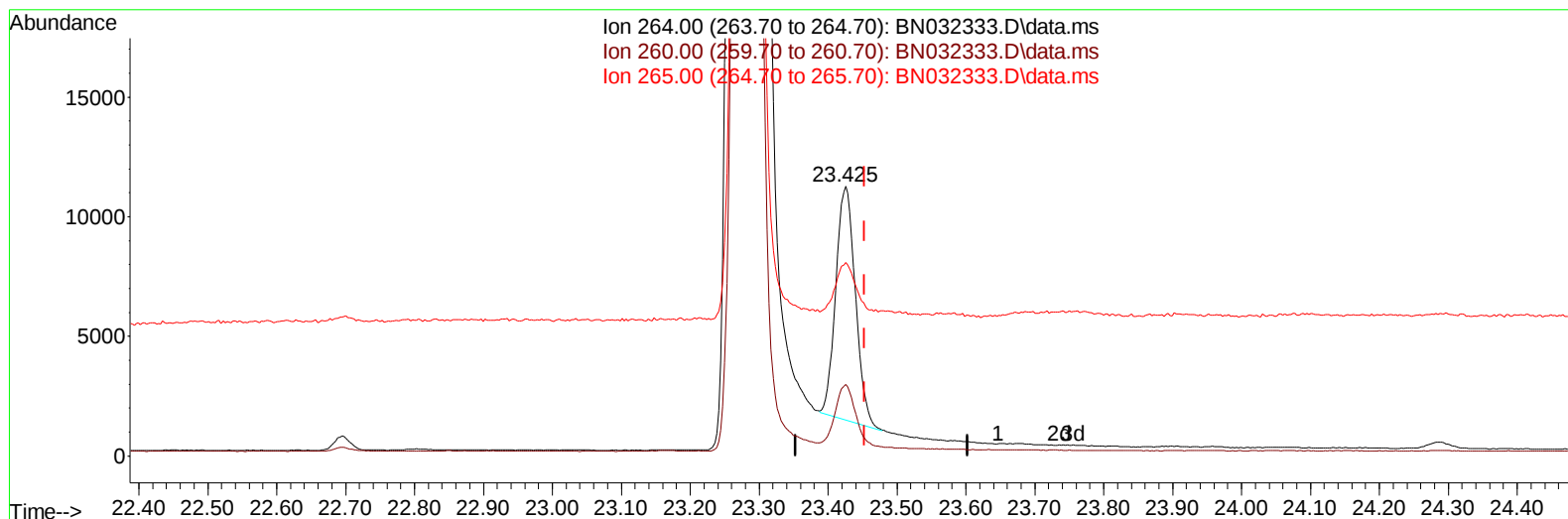
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032333.D
Acq On : 29 Jun 2024 03:16
Operator : MA/JU
Sample : P2934-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B62

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jun 29 03:45:42 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: BN032333.D\data.ms

(23) Perylene-d12 (I)

23.425min (-0.028) 0.40 ng/ul m

response 19225

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	26.59
265.00	67.20	71.75
0.00	0.00	0.00

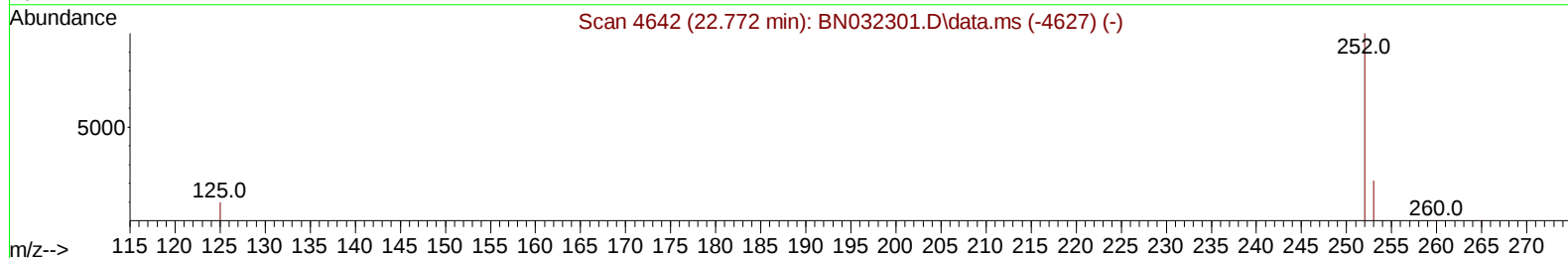
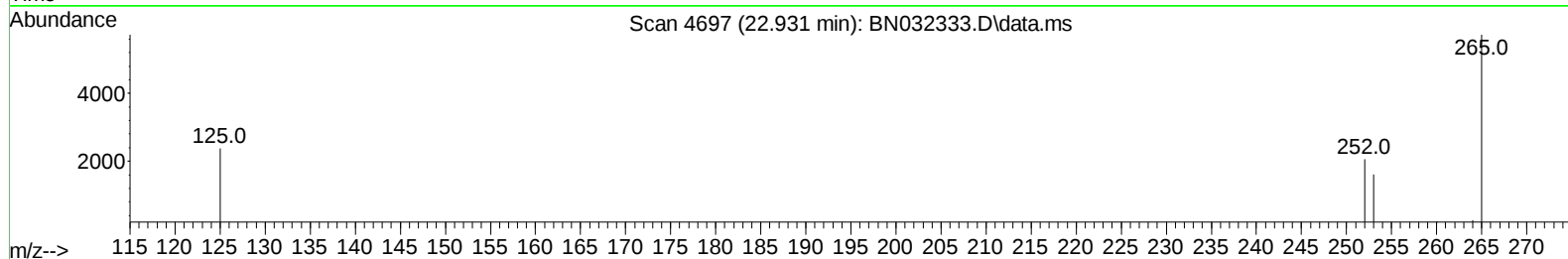
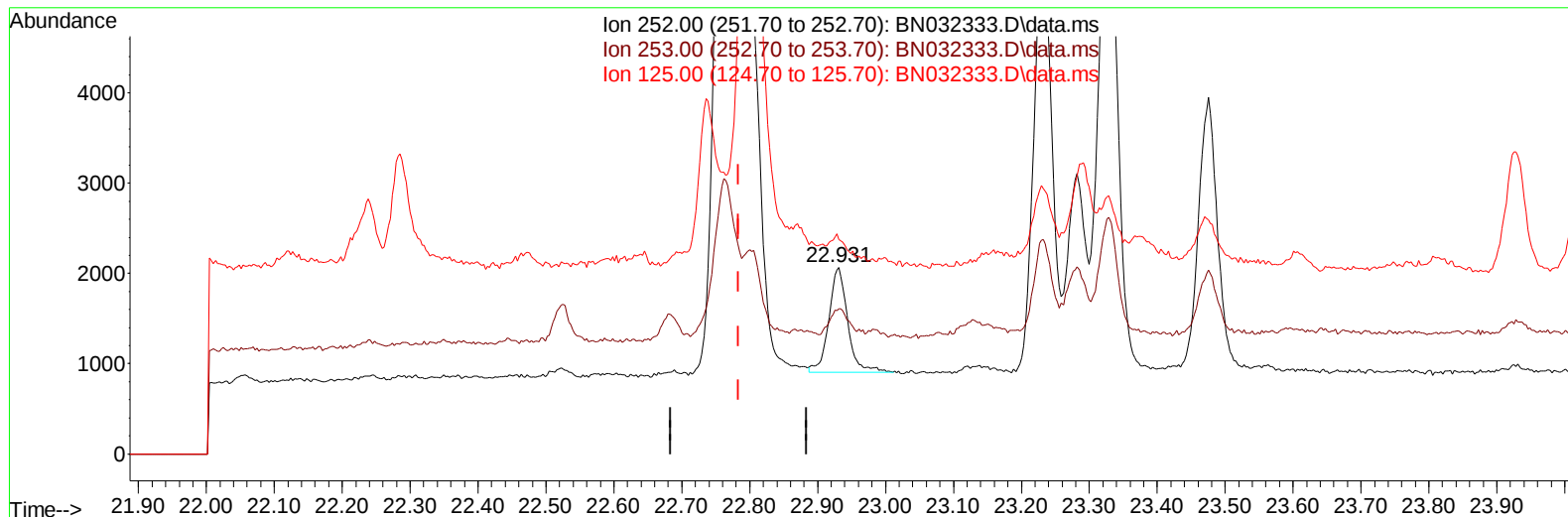
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032333.D
Acq On : 29 Jun 2024 03:16
Operator : MA/JU
Sample : P2934-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B62

Manual IntegrationsAPPROVED

Quant Time: Jun 29 03:45:42 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 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032333.D\data.ms

(24) Benzo(b)fluoranthene

22.931min (+ 0.148) 0.03 ng/u1

response 2244

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	78.03#
125.00	16.00	115.10#
0.00	0.00	0.00

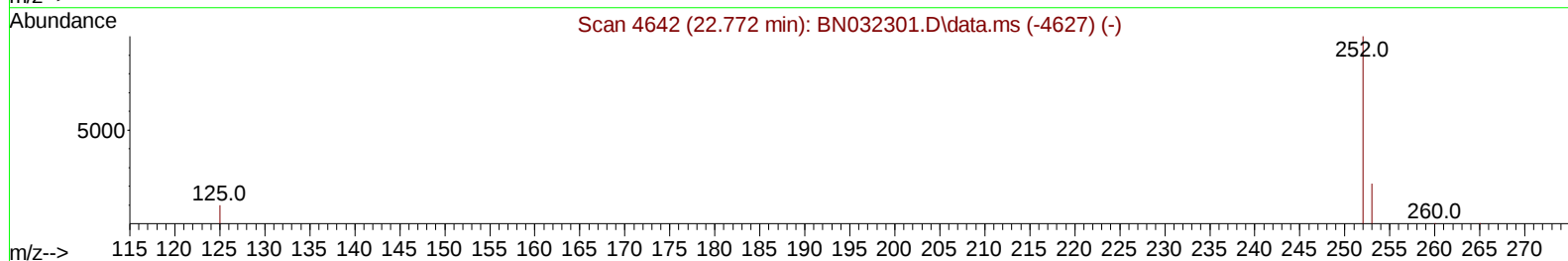
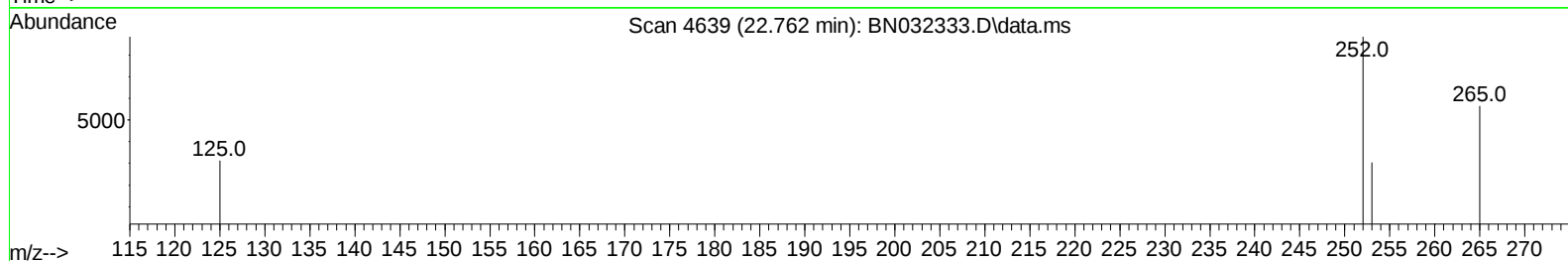
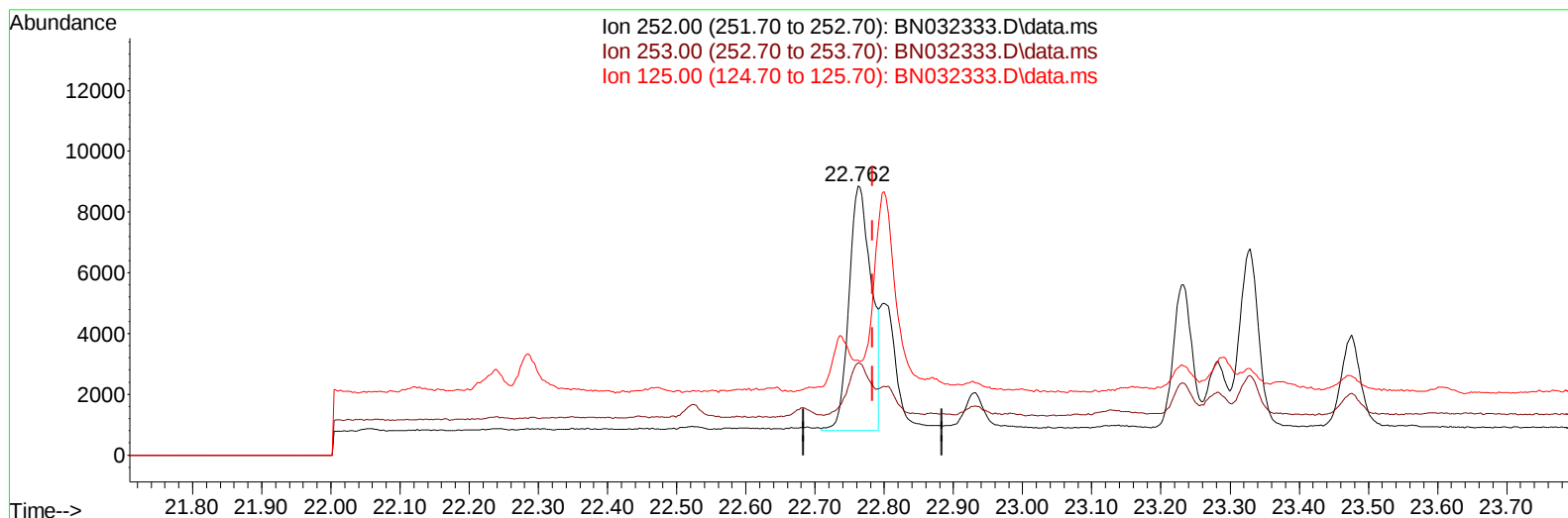
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032333.D
Acq On : 29 Jun 2024 03:16
Operator : MA/JU
Sample : P2934-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B62

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jun 29 03:45:42 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: BN032333.D\data.ms

(24) Benzo(b)fluoranthene

22.762min (-0.022) 0.22 ng/u1 m

response 18059

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	34.43
125.00	16.00	35.29#
0.00	0.00	0.00

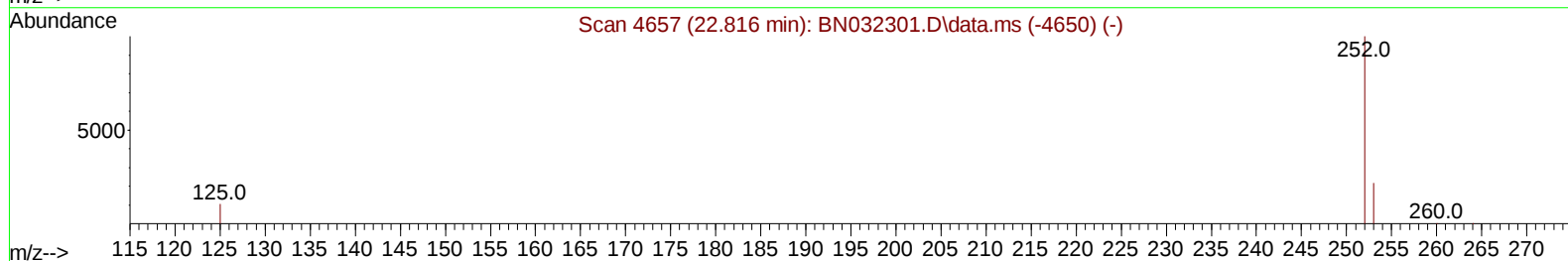
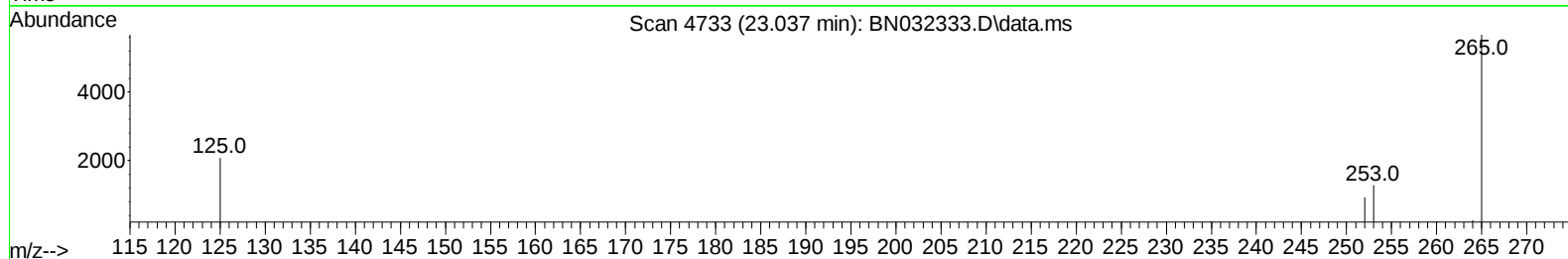
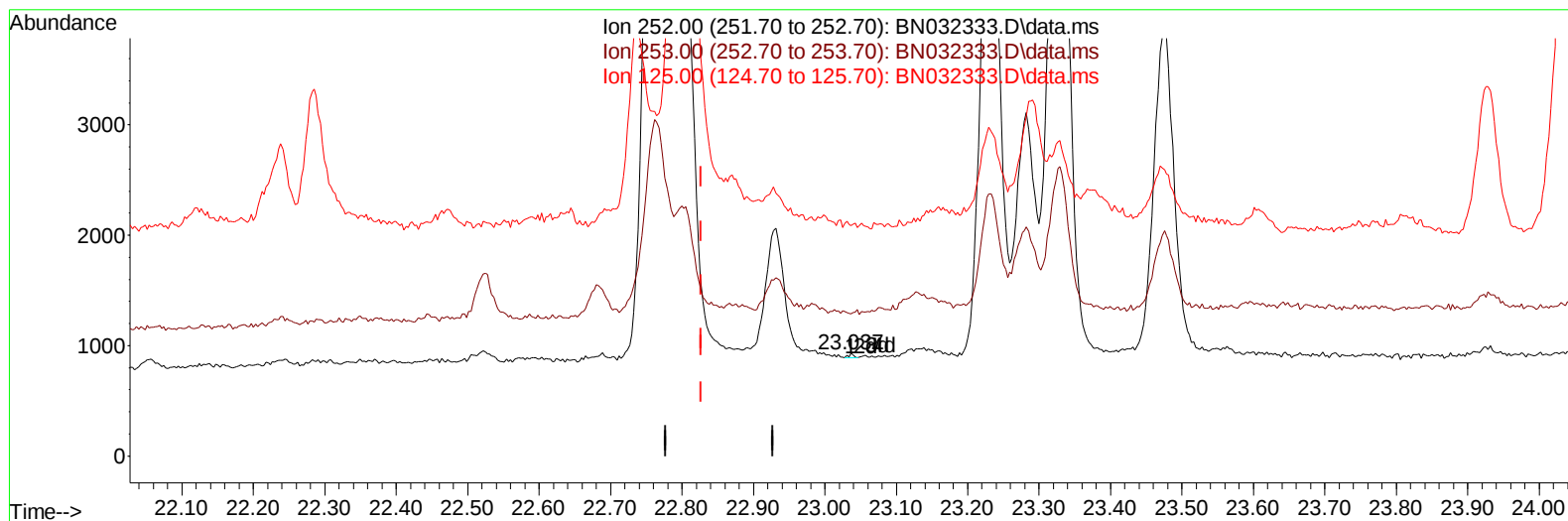
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032333.D
Acq On : 29 Jun 2024 03:16
Operator : MA/JU
Sample : P2934-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B62

Manual IntegrationsAPPROVED

Quant Time: Jun 29 03:45:42 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 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032333.D\data.ms

(25) Benzo(k)fluoranthene

23.037min (+ 0.209) 0.00 ng/u1

response 19

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	138.79#
125.00	16.00	224.68#
0.00	0.00	0.00

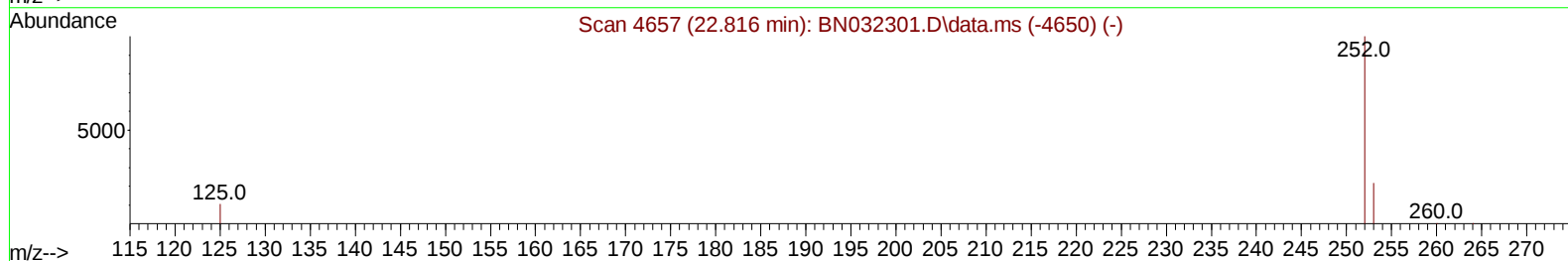
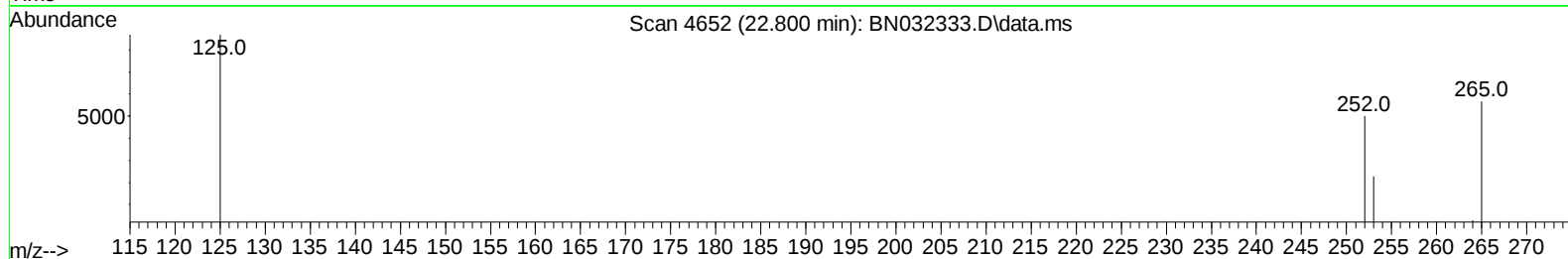
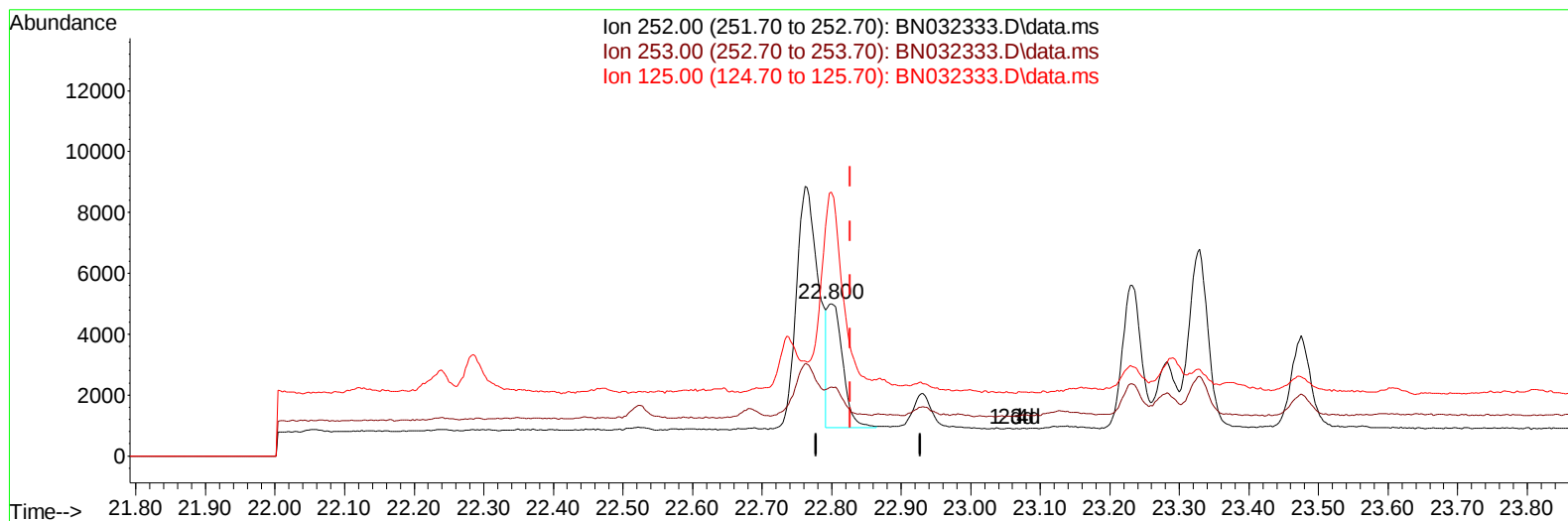
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032333.D
Acq On : 29 Jun 2024 03:16
Operator : MA/JU
Sample : P2934-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B62

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jun 29 03:45:42 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: BN032333.D\data.ms

(25) Benzo(k)fluoranthene

22.800min (-0.028) 0.08 ng/u1 m

response 6389

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	45.18#
125.00	16.00	173.37#
0.00	0.00	0.00

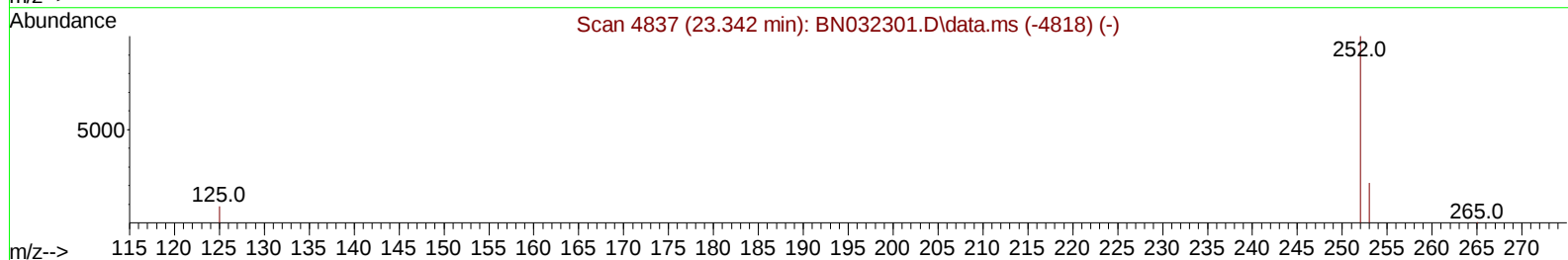
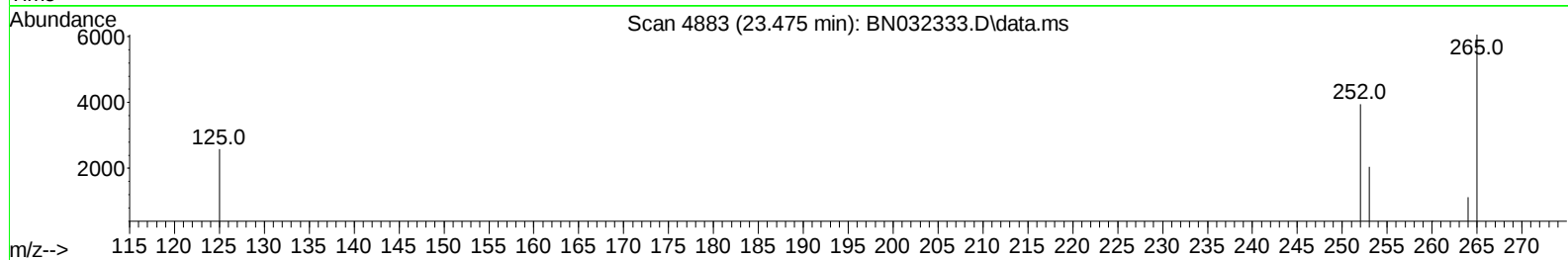
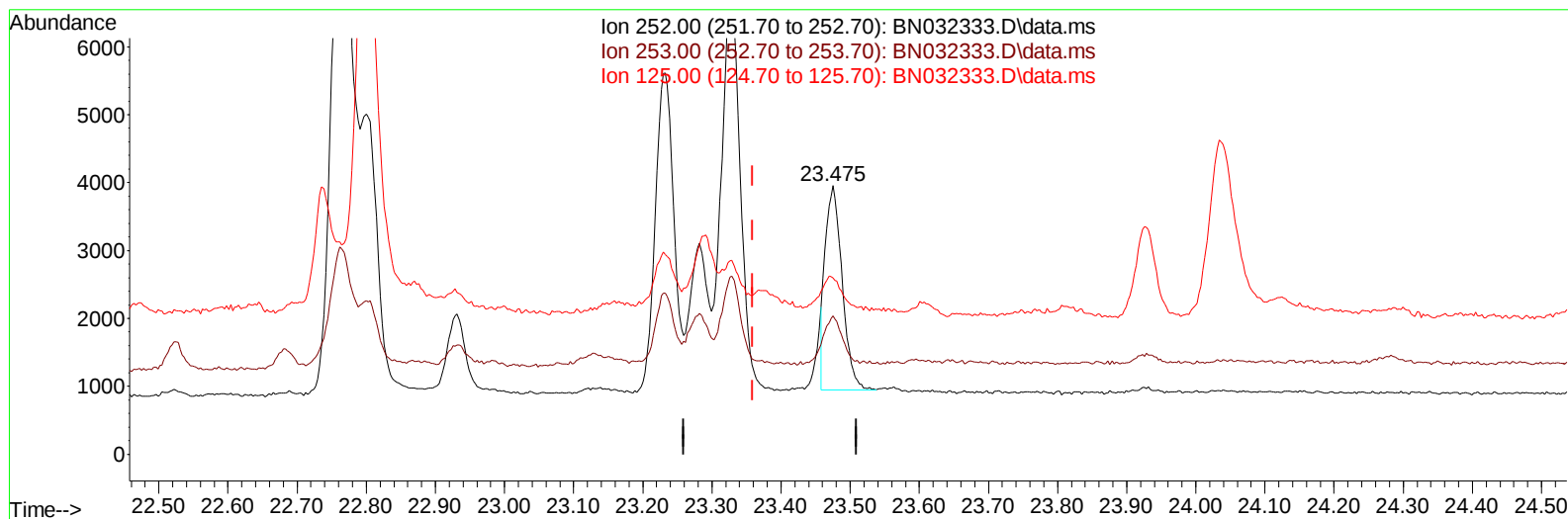
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032333.D
Acq On : 29 Jun 2024 03:16
Operator : MA/JU
Sample : P2934-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B62

Manual IntegrationsAPPROVED

Quant Time: Jun 29 03:45:42 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 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032333.D\data.ms

(26) Benzo(a)pyrene (C)

23.475min (+ 0.116) 0.09 ng/u1

response 5119

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	51.63#
125.00	20.50	65.60#
0.00	0.00	0.00

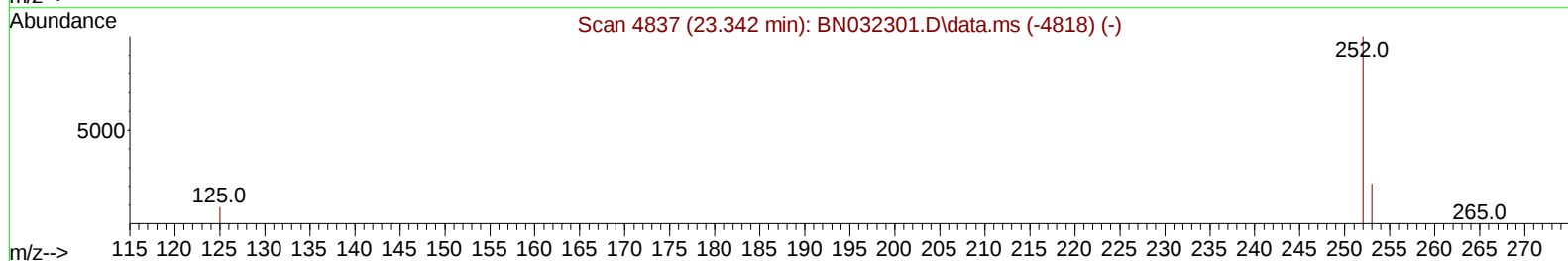
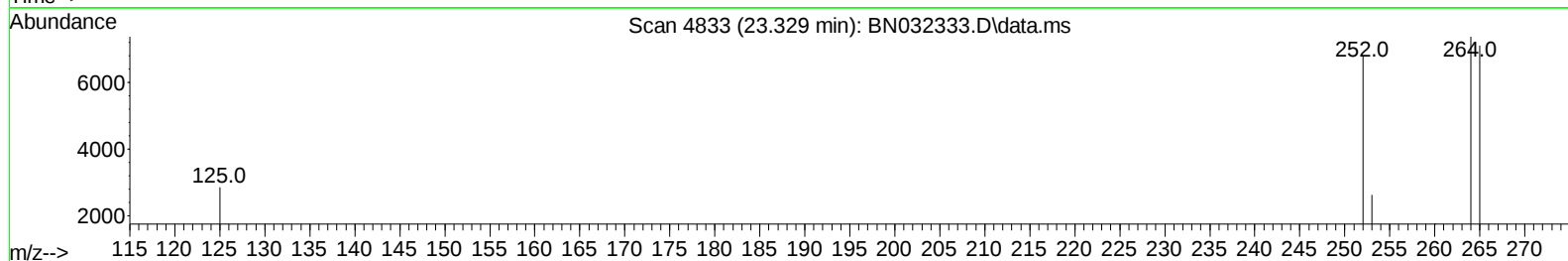
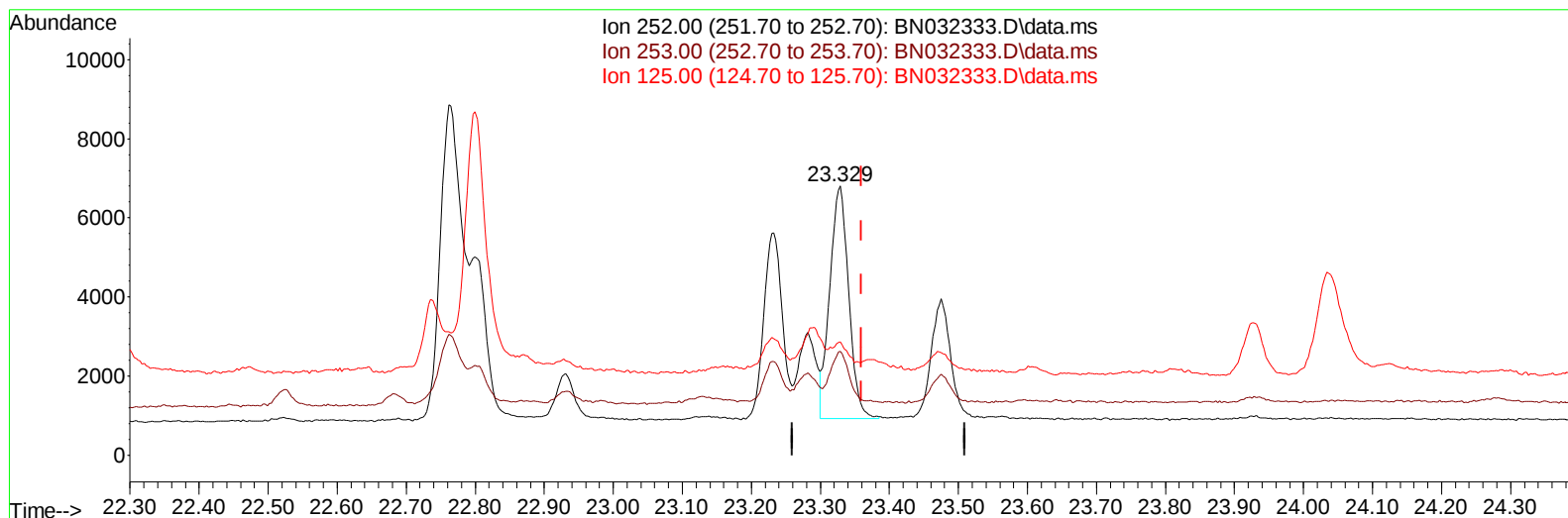
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032333.D
Acq On : 29 Jun 2024 03:16
Operator : MA/JU
Sample : P2934-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B62

Manual IntegrationsAPPROVED

Quant Time: Jun 29 03:45:42 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 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032333.D\data.ms

(26) Benzo(a)pyrene (C)

23.329min (-0.031) 0.19 ng/u1 m

response 11178

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	38.53#
125.00	20.50	42.03#
0.00	0.00	0.00

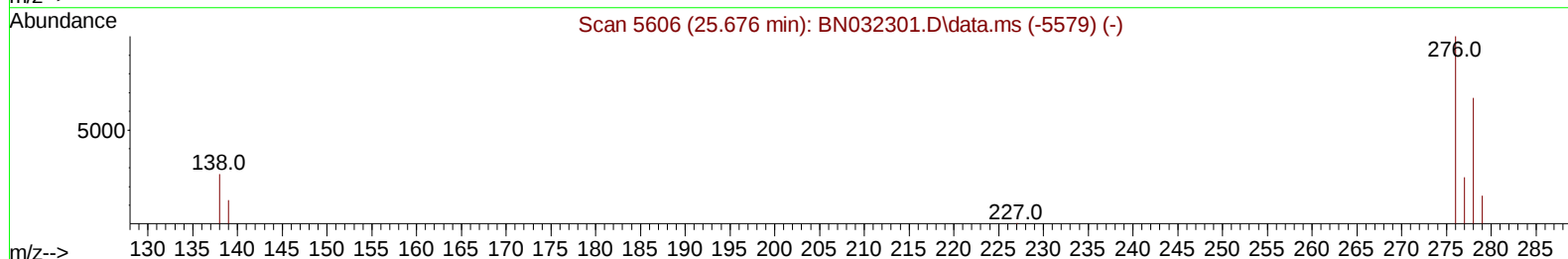
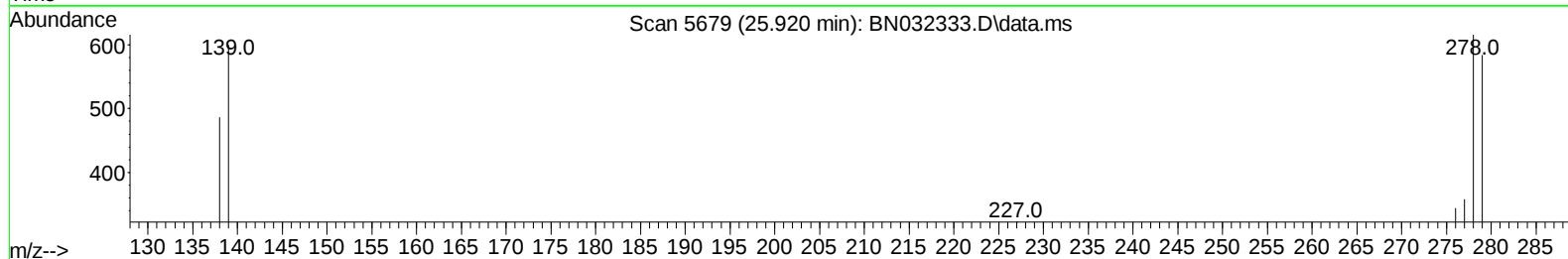
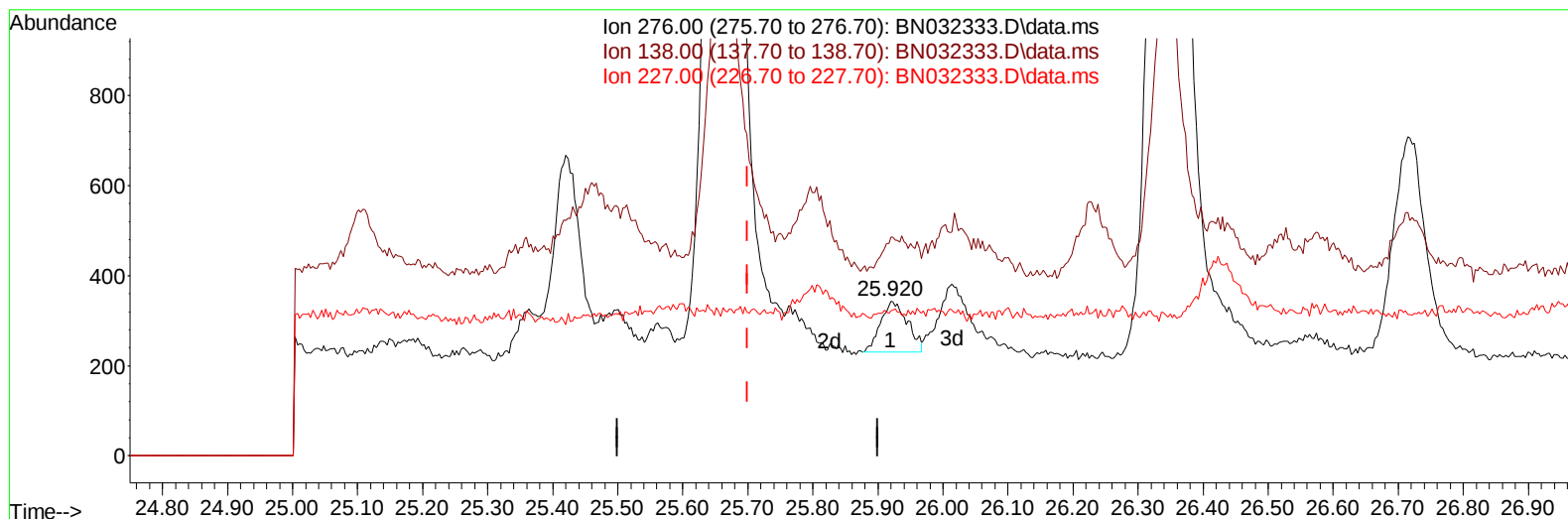
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032333.D
Acq On : 29 Jun 2024 03:16
Operator : MA/JU
Sample : P2934-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B62

Manual IntegrationsAPPROVED

Quant Time: Jun 29 03:45:42 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 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032333.D\data.ms

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

25.920min (+ 0.220) 0.00 ng/u1

response 326

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	77.30#
227.00	0.10	3.68#
0.00	0.00	0.00

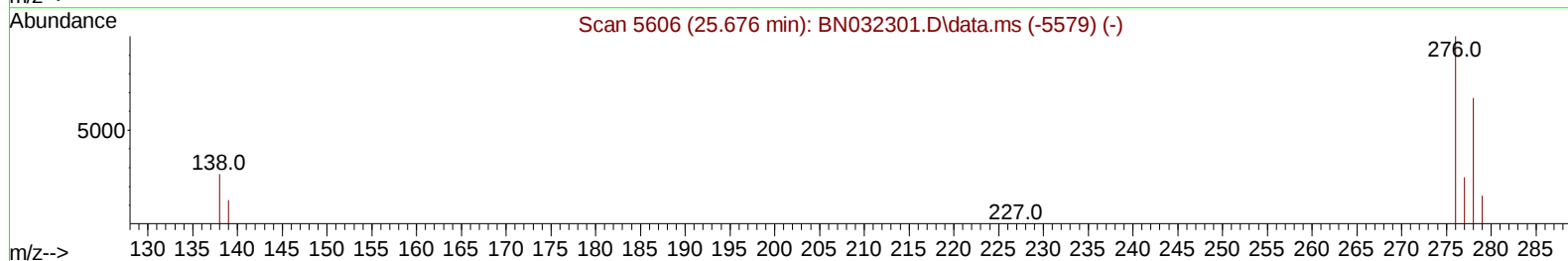
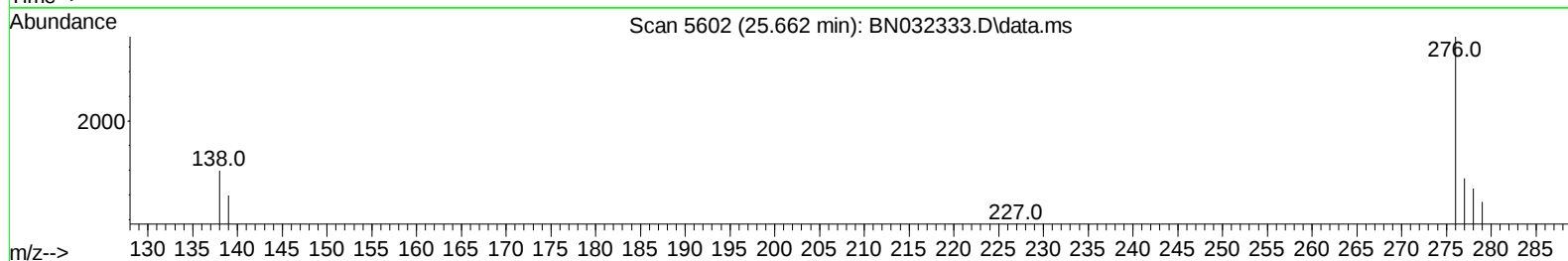
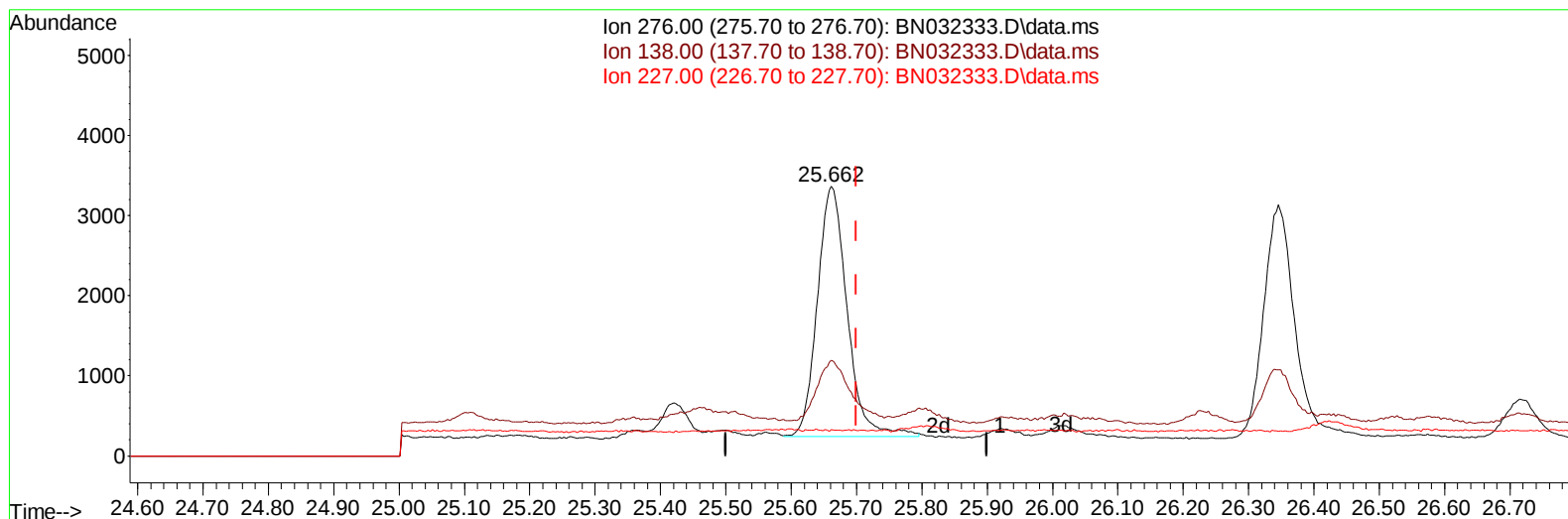
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032333.D
Acq On : 29 Jun 2024 03:16
Operator : MA/JU
Sample : P2934-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B62

Manual IntegrationsAPPROVED

Quant Time: Jun 29 03:45:42 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 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032333.D\data.ms

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

25.662min (-0.038) 0.11 ng/u1 m

response 9902

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	2.54#
227.00	0.10	0.12#
0.00	0.00	0.00

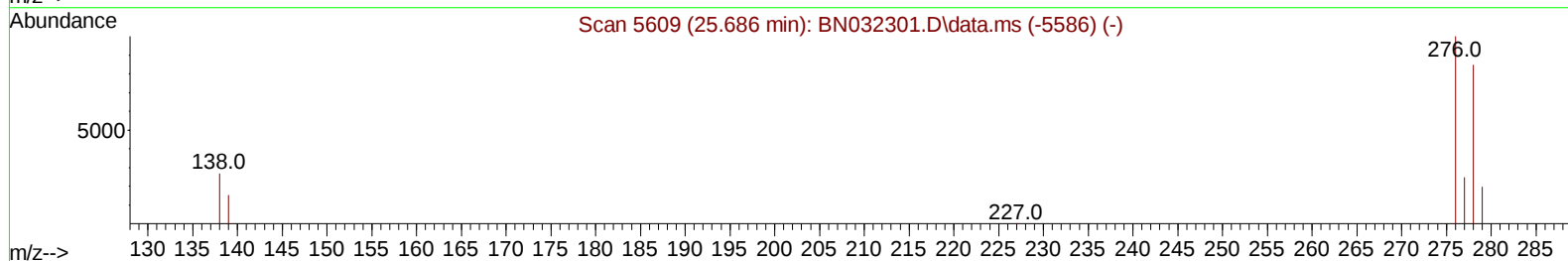
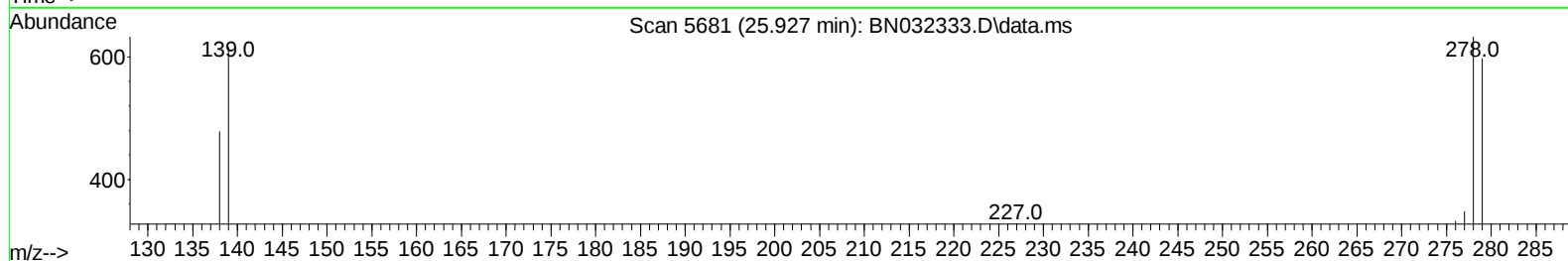
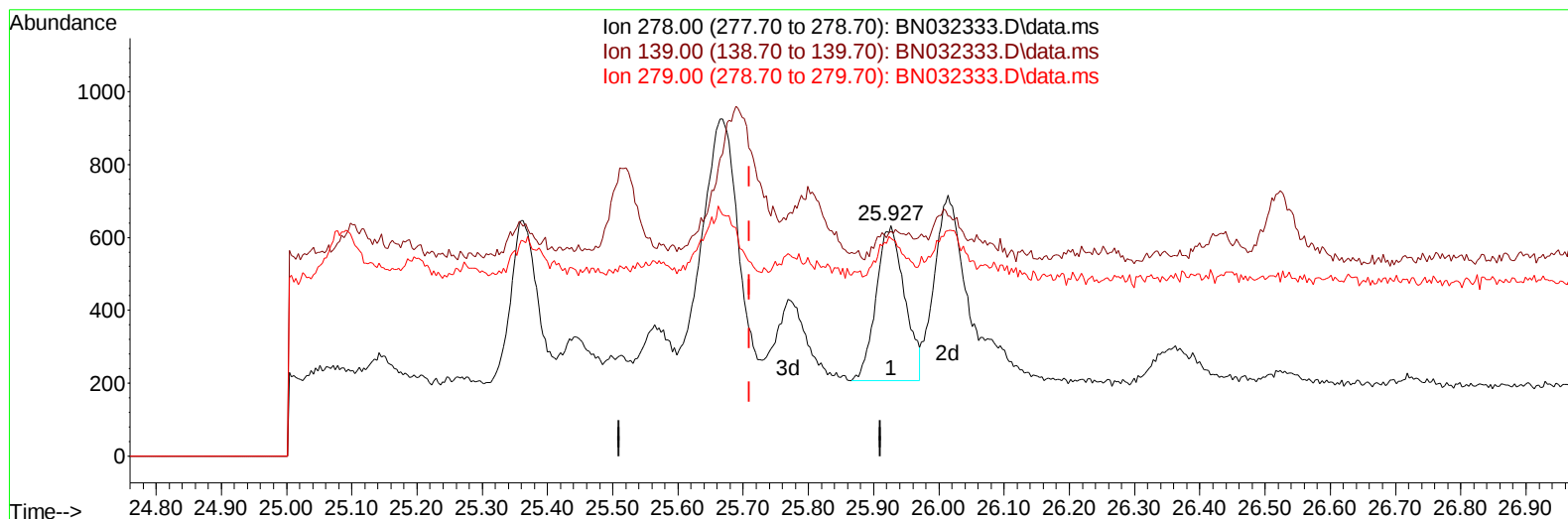
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032333.D
Acq On : 29 Jun 2024 03:16
Operator : MA/JU
Sample : P2934-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B62

Manual IntegrationsAPPROVED

Quant Time: Jun 29 03:45:42 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 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032333.D\data.ms

(28) Dibenzo(a,h)anthracene

25.927min (+ 0.217) 0.02 ng/u1

response 1292

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	97.31#
279.00	26.40	94.47#
0.00	0.00	0.00

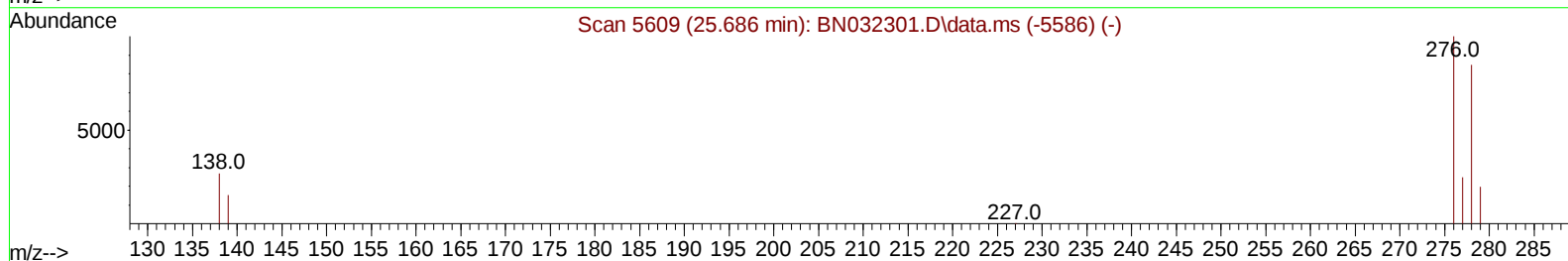
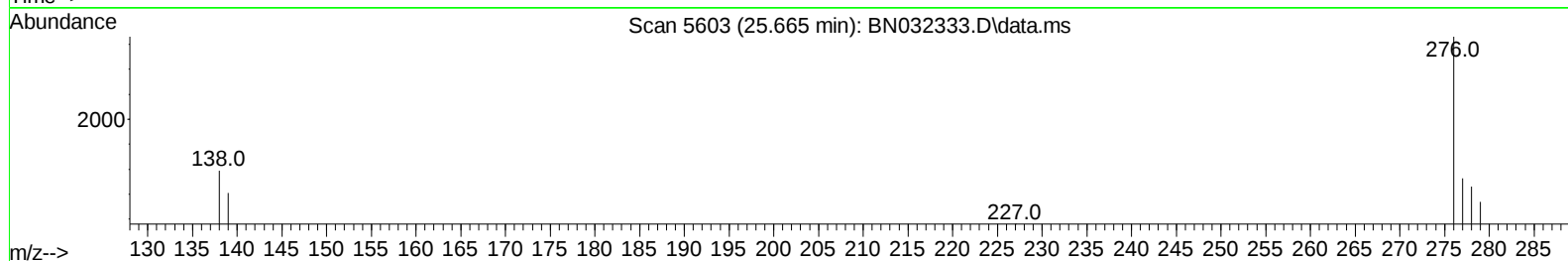
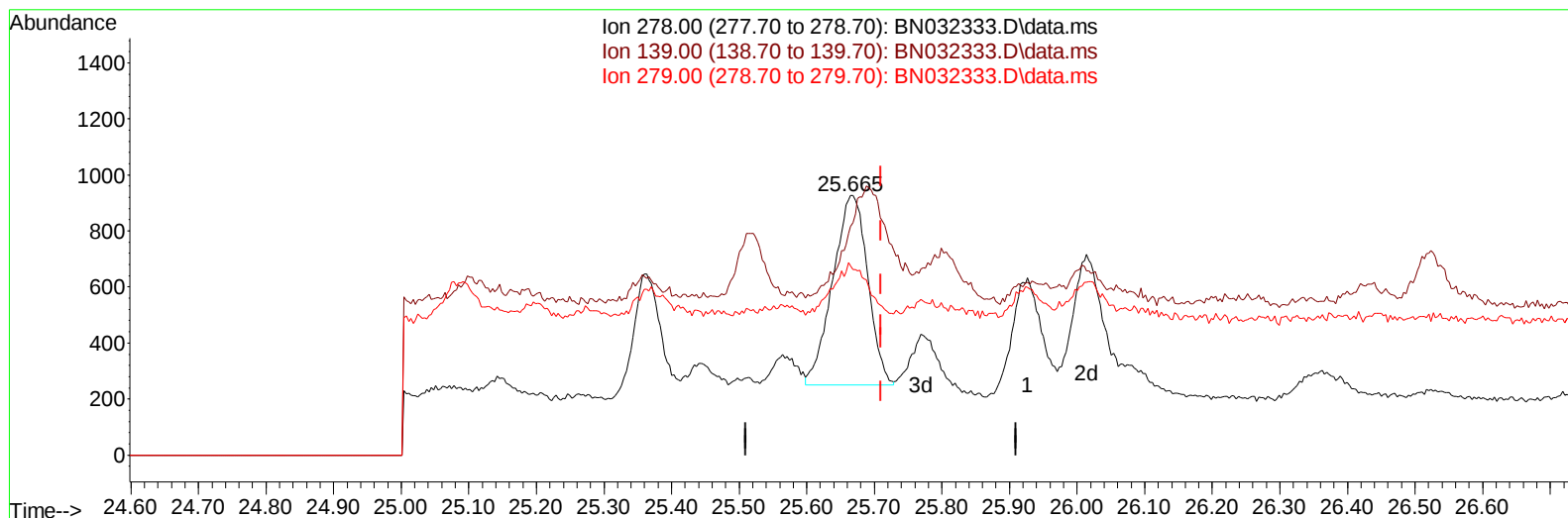
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032333.D
Acq On : 29 Jun 2024 03:16
Operator : MA/JU
Sample : P2934-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B62

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jun 29 03:45:42 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: BN032333.D\data.ms

(28) Dibenzo(a,h)anthracene

25.665min (-0.045) 0.04 ng/u1 m

response 2426

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	88.23#
279.00	26.40	72.89#
0.00	0.00	0.00

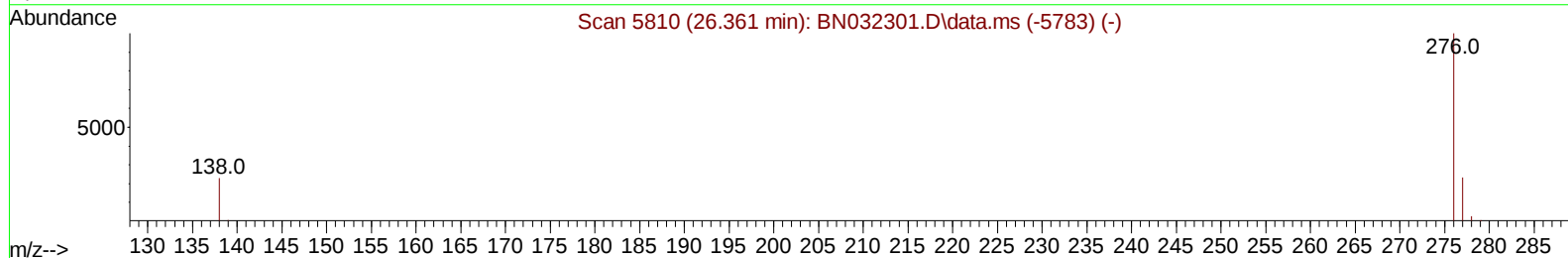
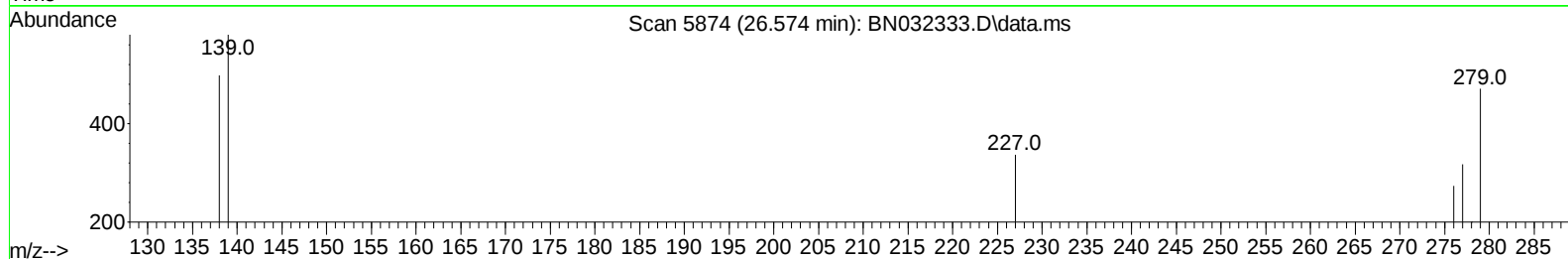
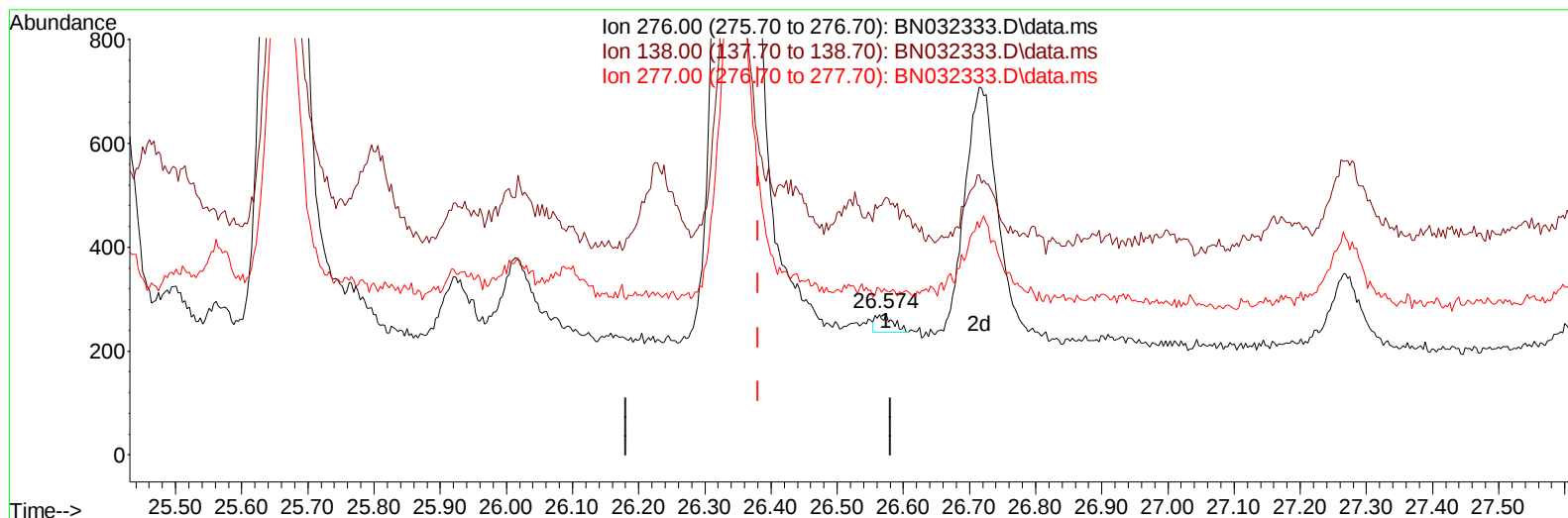
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032333.D
Acq On : 29 Jun 2024 03:16
Operator : MA/JU
Sample : P2934-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B62

Manual IntegrationsAPPROVED

Quant Time: Jun 29 03:45:42 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 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032333.D\data.ms

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

26.574min (+ 0.193) 0.00 ng/u1

response 62

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	182.05#
277.00	24.70	116.12#
0.00	0.00	0.00

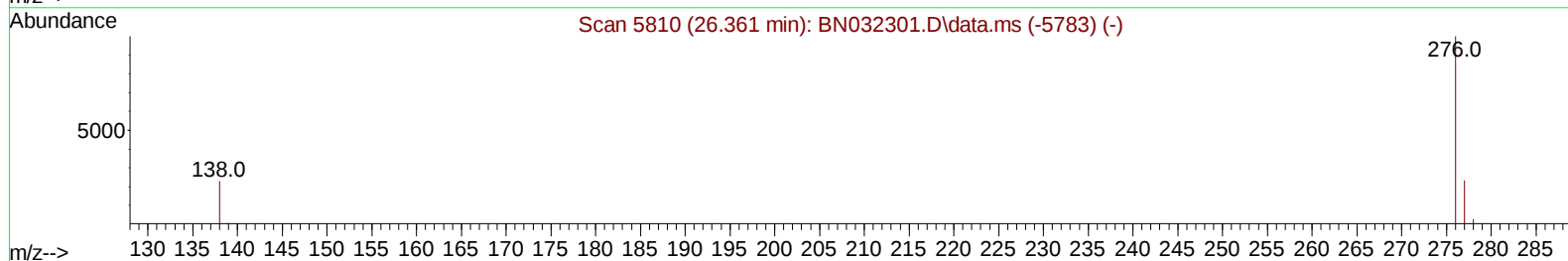
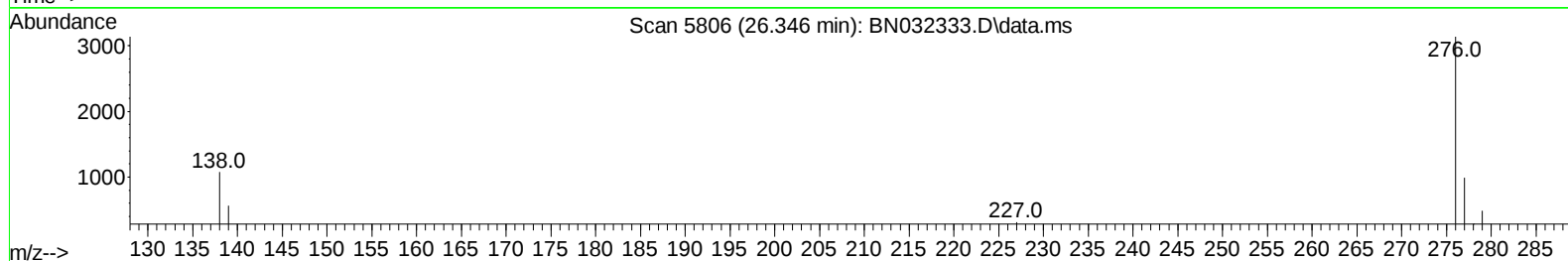
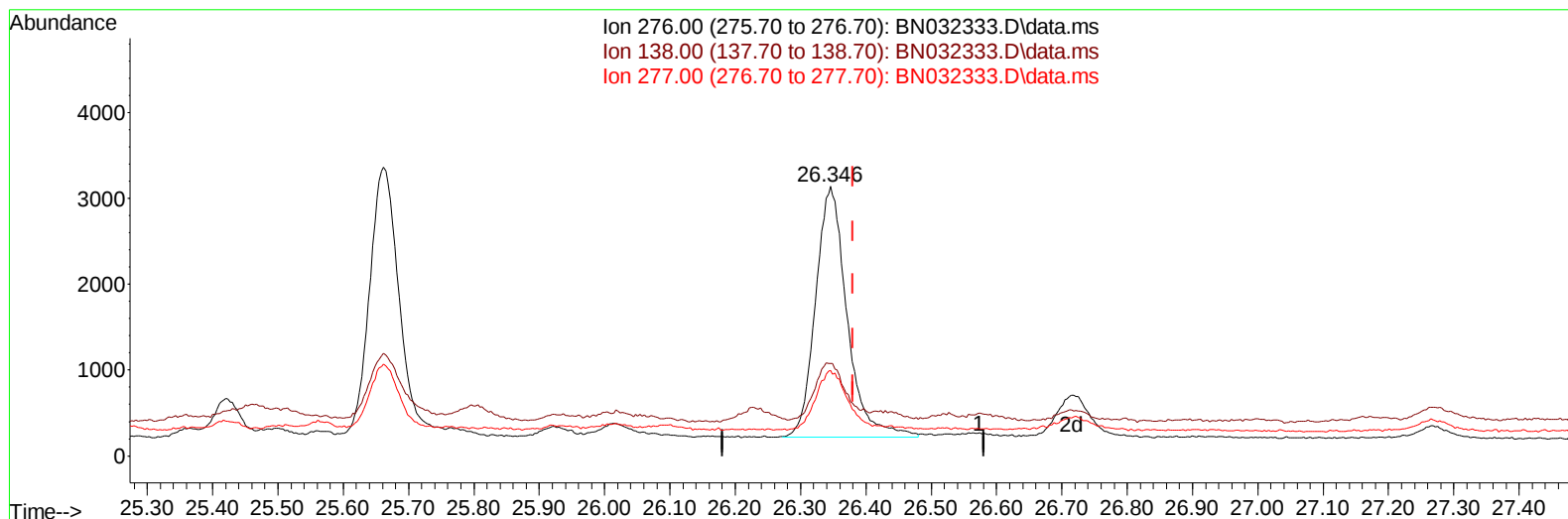
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032333.D
Acq On : 29 Jun 2024 03:16
Operator : MA/JU
Sample : P2934-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B62

Manual IntegrationsAPPROVED

Quant Time: Jun 29 03:45:42 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 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032333.D\data.ms

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

26.346min (-0.035) 0.13 ng/u1 m

response 9783

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	34.23#
277.00	24.70	31.61#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032333.D
 Acq On : 29 Jun 2024 03:16
 Operator : MA/JU
 Sample : P2934-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B62

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/29/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jun 29 03:45:42 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	7.616	152	7853	0.400	ng/ul	0.00
4) Naphthalene-d8	10.386	136	23896	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.261	164	12849	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.010	188	23126m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.213	240	18034m	0.400	ng/ul	-0.01
23) Perylene-d12	23.425	264	19225m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	27125	3.108	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.986	152	7245	0.202	ng/ul	-0.01
18) Fluoranthene-d10	19.049	212	13399m	0.247	ng/ul	-0.01
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.979	152	1095	0.020	ng/ul#	71
15) Phenanthrene	17.053	178	8164m	0.129	ng/ul	
16) Anthracene	17.146	178	1468m	0.026	ng/ul	
19) Fluoranthene	19.077	202	22612m	0.329	ng/ul	
20) Pyrene	19.439	202	20418m	0.285	ng/ul	
21) Benzo(a)anthracene	21.198	228	9457m	0.145	ng/ul	
22) Chrysene	21.248	228	11964m	0.167	ng/ul	
24) Benzo(b)fluoranthene	22.762	252	18059m	0.216	ng/ul	
25) Benzo(k)fluoranthene	22.800	252	6389m	0.079	ng/ul	
26) Benzo(a)pyrene	23.329	252	11178m	0.192	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.662	276	9902m	0.109	ng/ul	
28) Dibenzo(a,h)anthracene	25.665	278	2426m	0.036	ng/ul	
29) Benzo(g,h,i)perylene	26.346	276	9783m	0.135	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032333.D
Acq On : 29 Jun 2024 03:16
Operator : MA/JU
Sample : P2934-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B62

Manual IntegrationsAPPROVED

Quant Time: Jun 29 03:45:42 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 06/29/2024
Supervised By :mohammad ahmed 07/04/2024

