

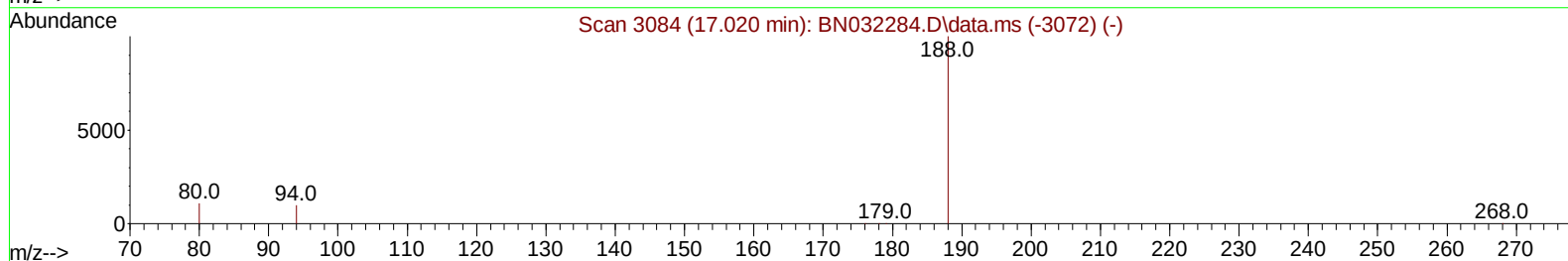
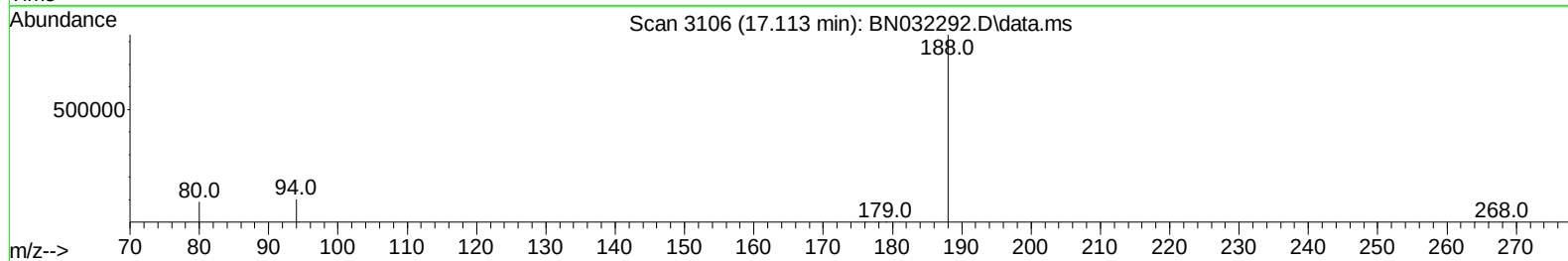
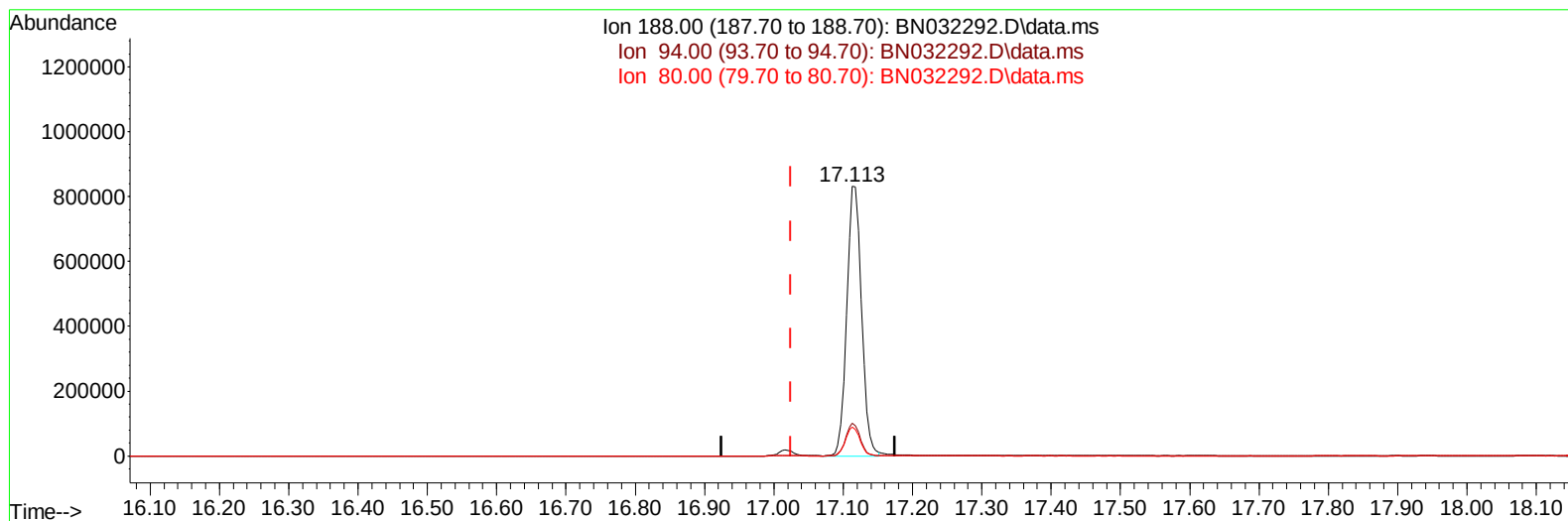
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032292.D
Acq On : 27 Jun 2024 22:31
Operator : MA/JU
Sample : P2909-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B46

Manual IntegrationsAPPROVED

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

Quant Time: Jun 28 00:28:14 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: BN032292.D\data.ms

(13) Phenanthrene-d10 (I)

17.113min (+ 0.089) 0.40 ng/u1

response 1228907

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	12.24
80.00	10.50	10.78
0.00	0.00	0.00

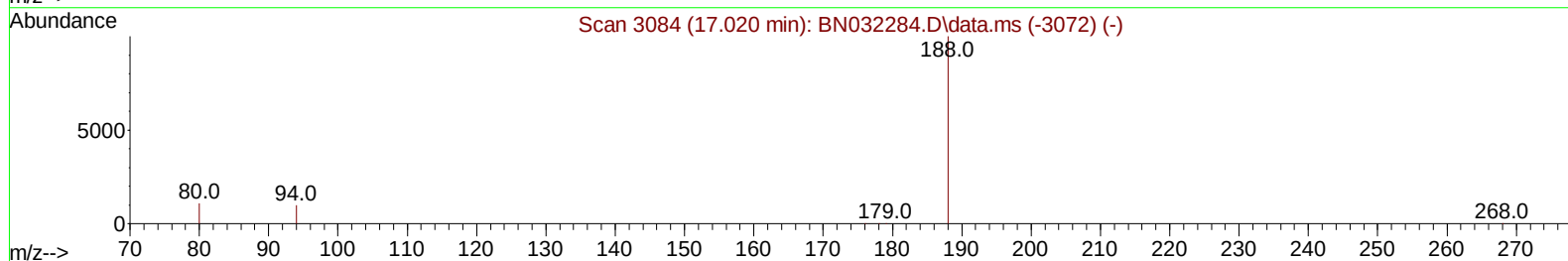
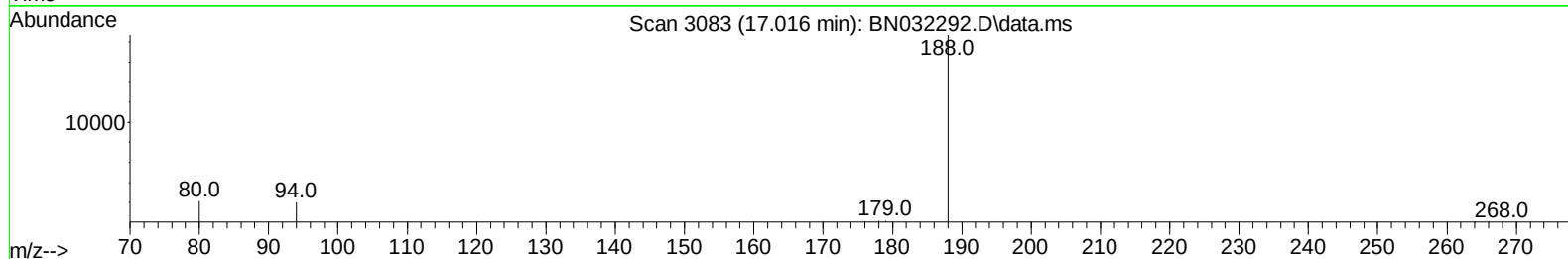
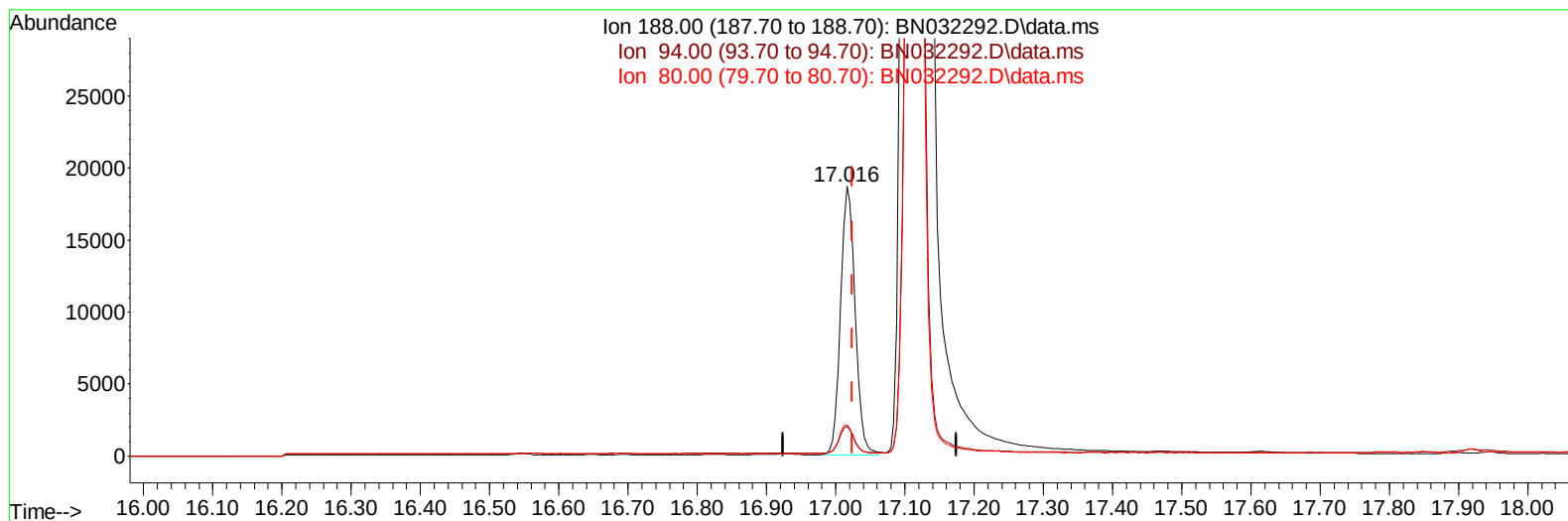
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032292.D
Acq On : 27 Jun 2024 22:31
Operator : MA/JU
Sample : P2909-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B46

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:14 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: BN032292.D\data.ms

(13) Phenanthrene-d10 (I)

17.016min (-0.008) 0.40 ng/ul m

response 27292

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	10.92
80.00	10.50	11.45
0.00	0.00	0.00

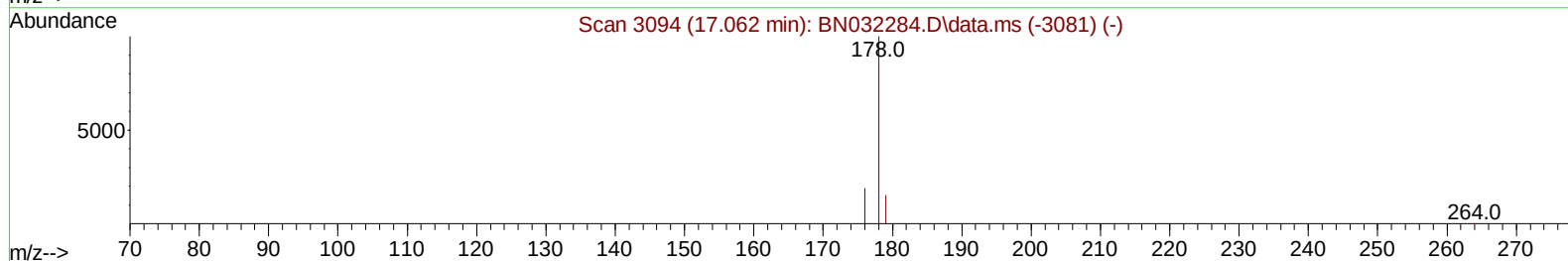
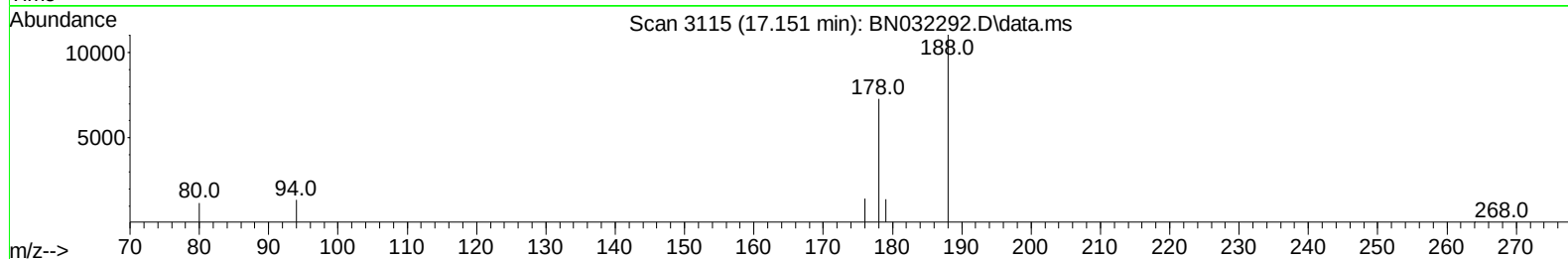
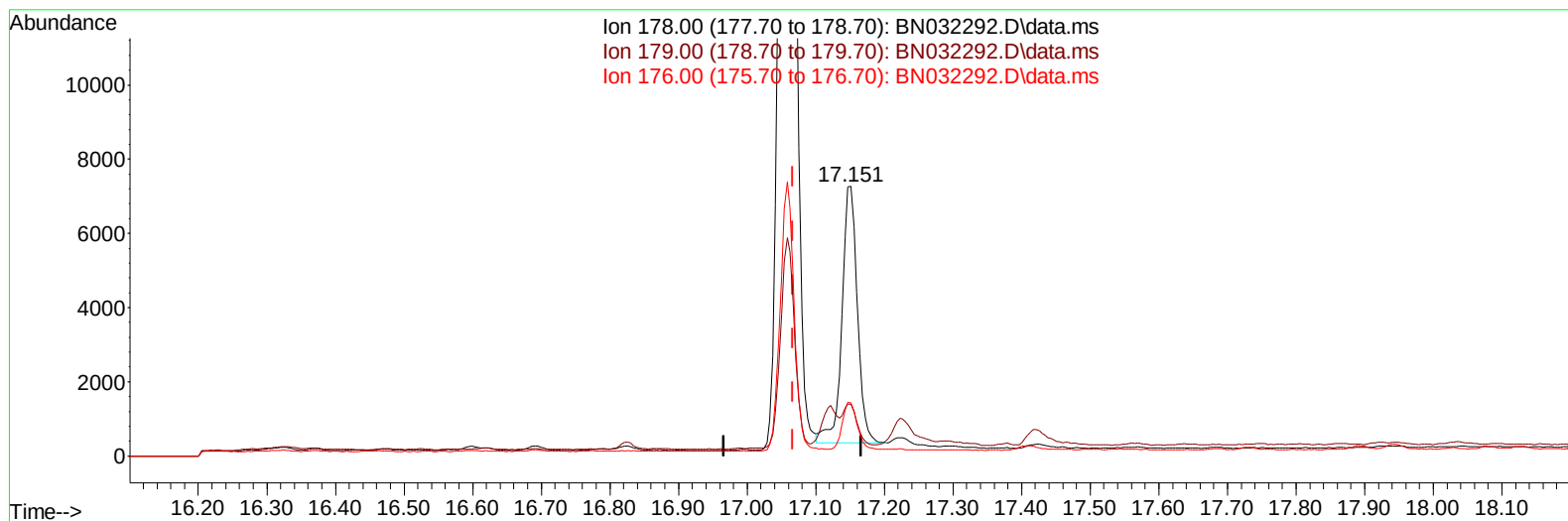
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032292.D
Acq On : 27 Jun 2024 22:31
Operator : MA/JU
Sample : P2909-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B46

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:14 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: BN032292.D\data.ms

(15) Phenanthrene

17.151min (+ 0.084) 0.14 ng/u1

response 10730

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	19.14#
176.00	19.50	19.74
0.00	0.00	0.00

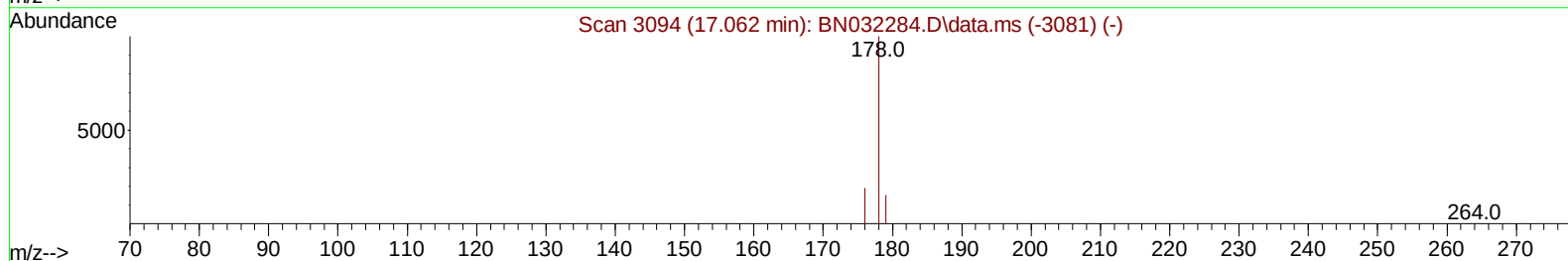
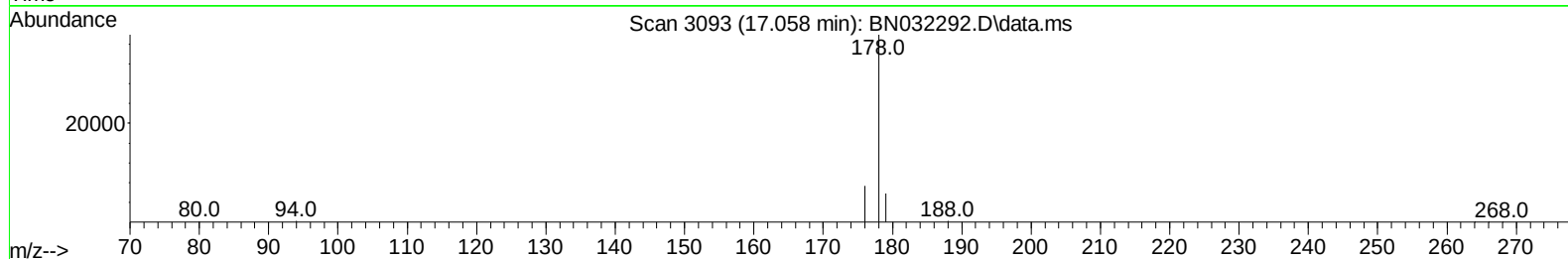
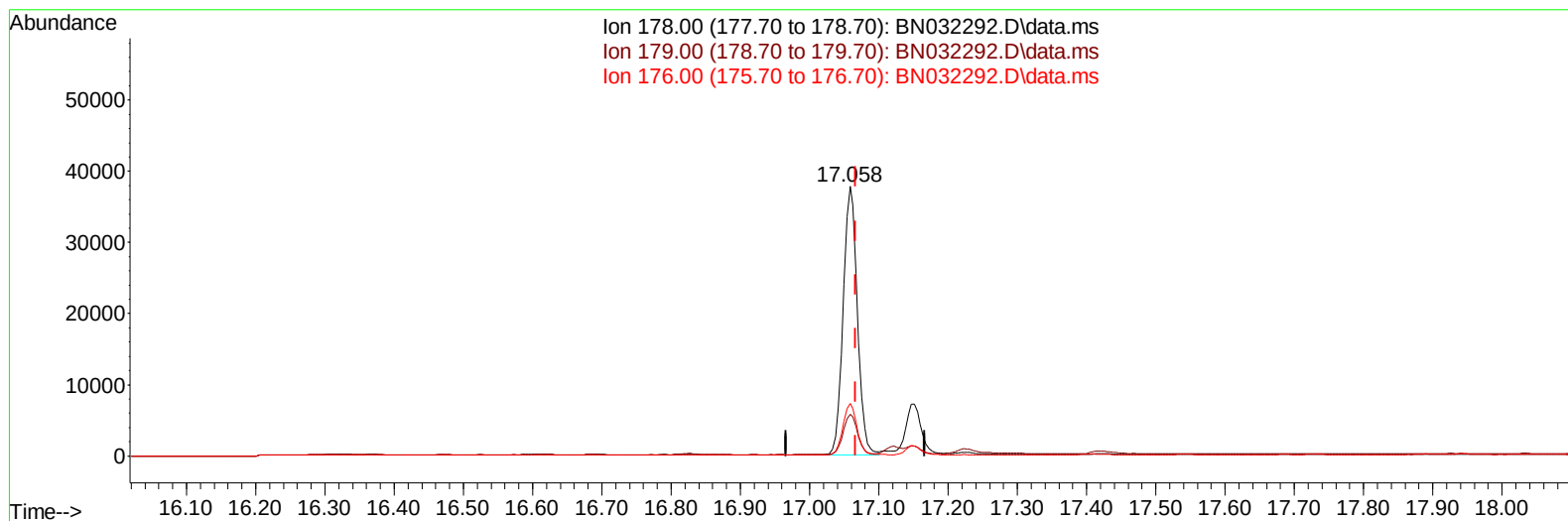
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032292.D
Acq On : 27 Jun 2024 22:31
Operator : MA/JU
Sample : P2909-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B46

Manual IntegrationsAPPROVED

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

Quant Time: Jun 28 00:28:14 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: BN032292.D\data.ms

(15) Phenanthrene

17.058min (-0.008) 0.72 ng/ul m

response 53667

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.53
176.00	19.50	19.51
0.00	0.00	0.00

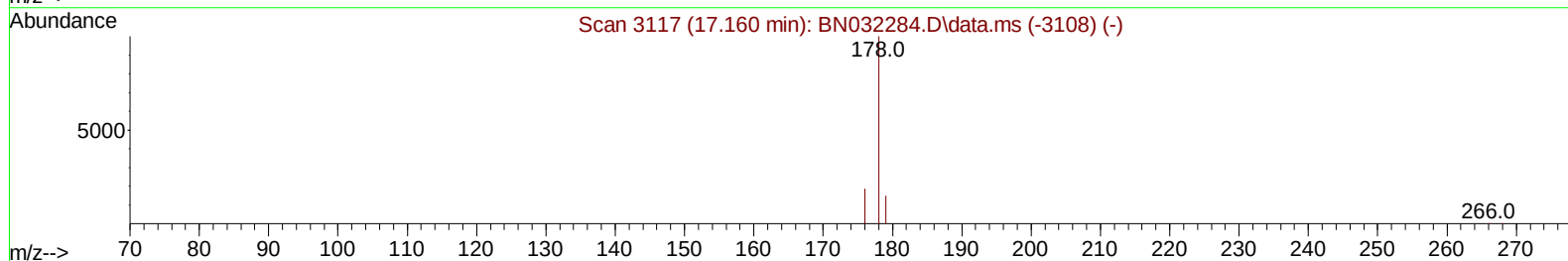
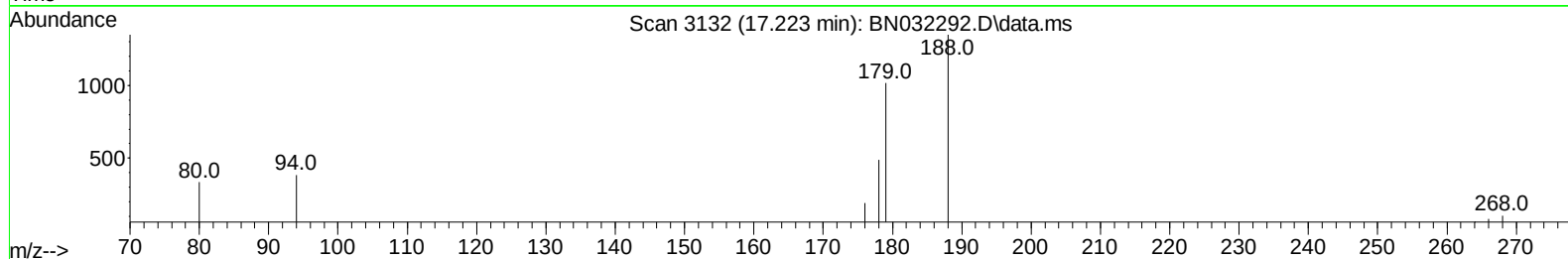
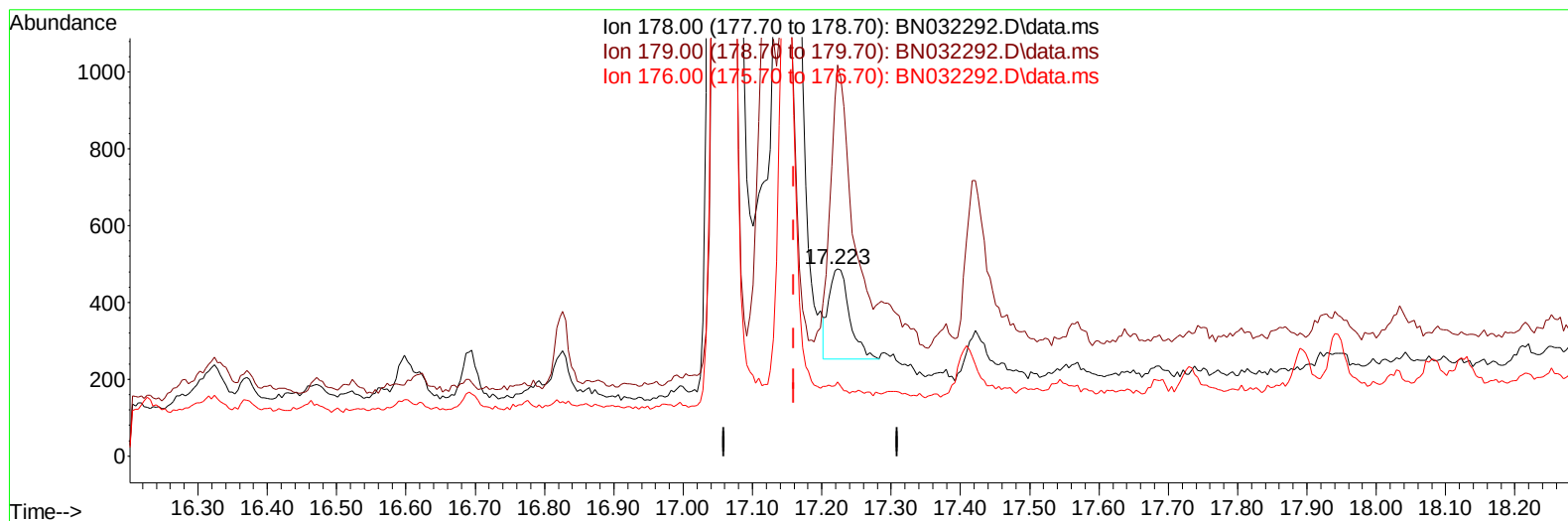
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032292.D
Acq On : 27 Jun 2024 22:31
Operator : MA/JU
Sample : P2909-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B46

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:14 2024
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QLast Update : Thu Jun 27 13:23:38 2024
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Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032292.D\data.ms

(16) Anthracene

17.223min (+ 0.063) 0.01 ng/u1

response 485

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	208.81#
176.00	18.80	39.55#
0.00	0.00	0.00

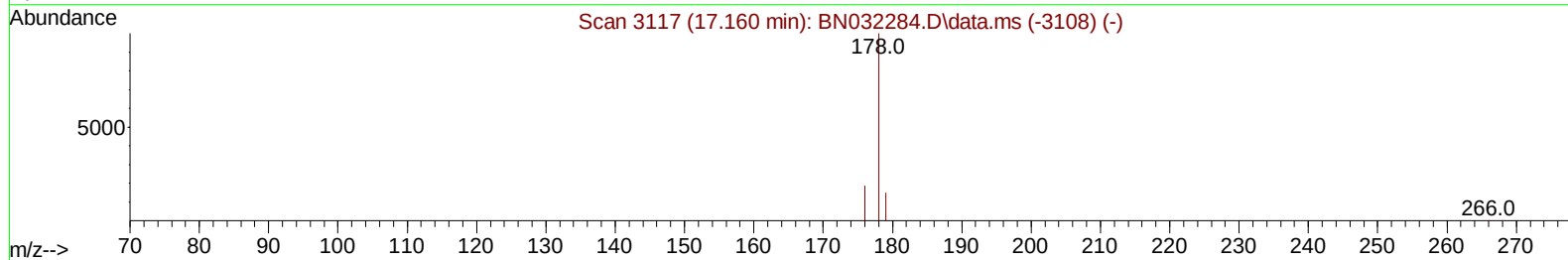
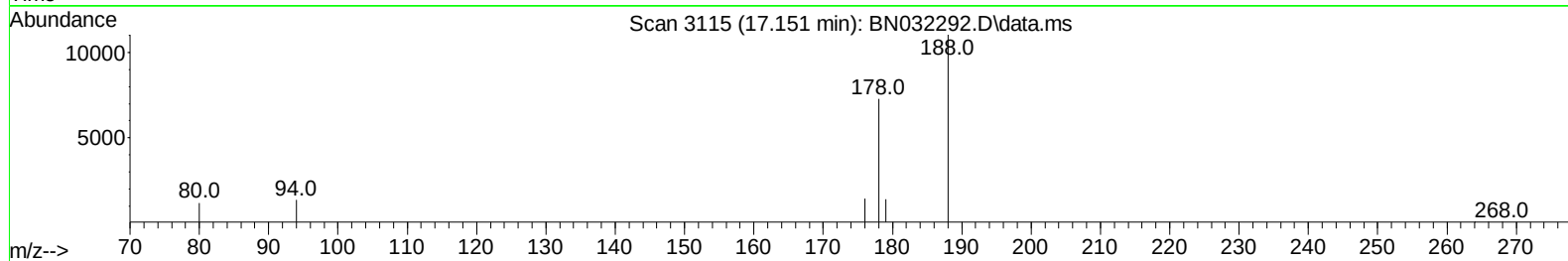
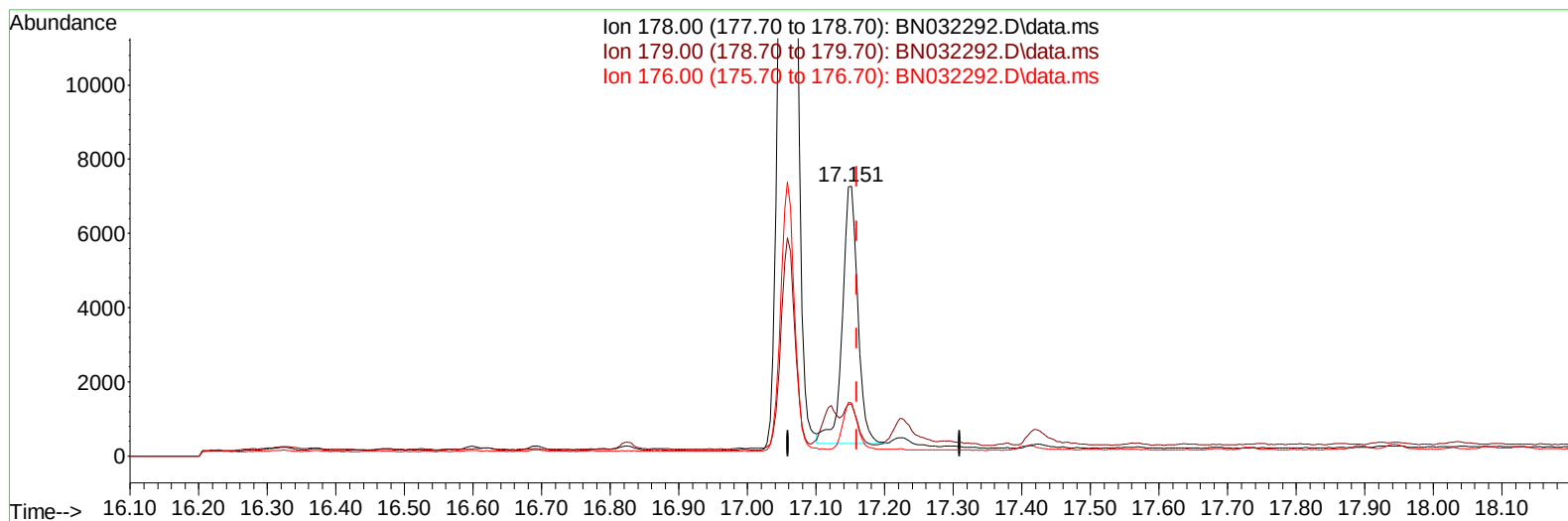
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032292.D
Acq On : 27 Jun 2024 22:31
Operator : MA/JU
Sample : P2909-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B46

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:14 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: BN032292.D\data.ms

(16) Anthracene

17.151min (-0.008) 0.16 ng/ul m

response 10918

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	19.14#
176.00	18.80	19.74
0.00	0.00	0.00

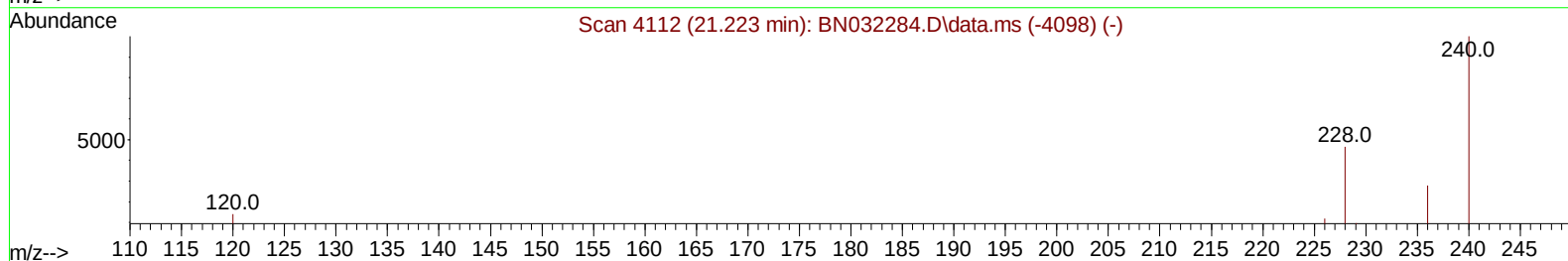
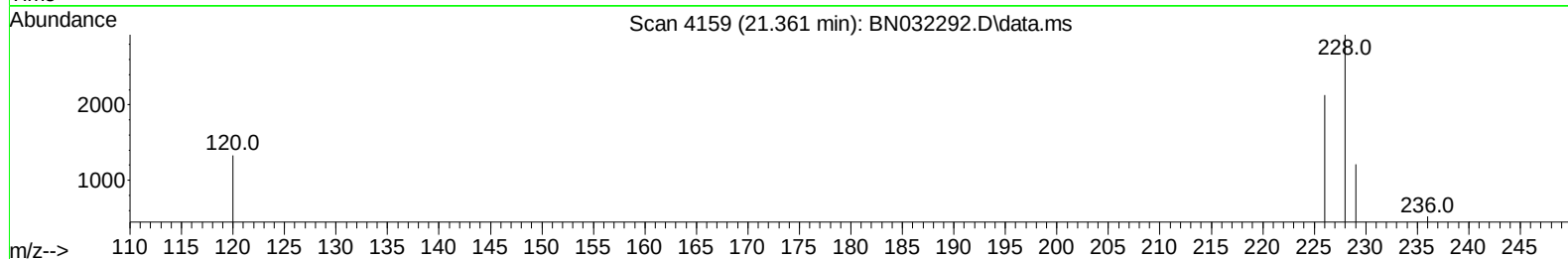
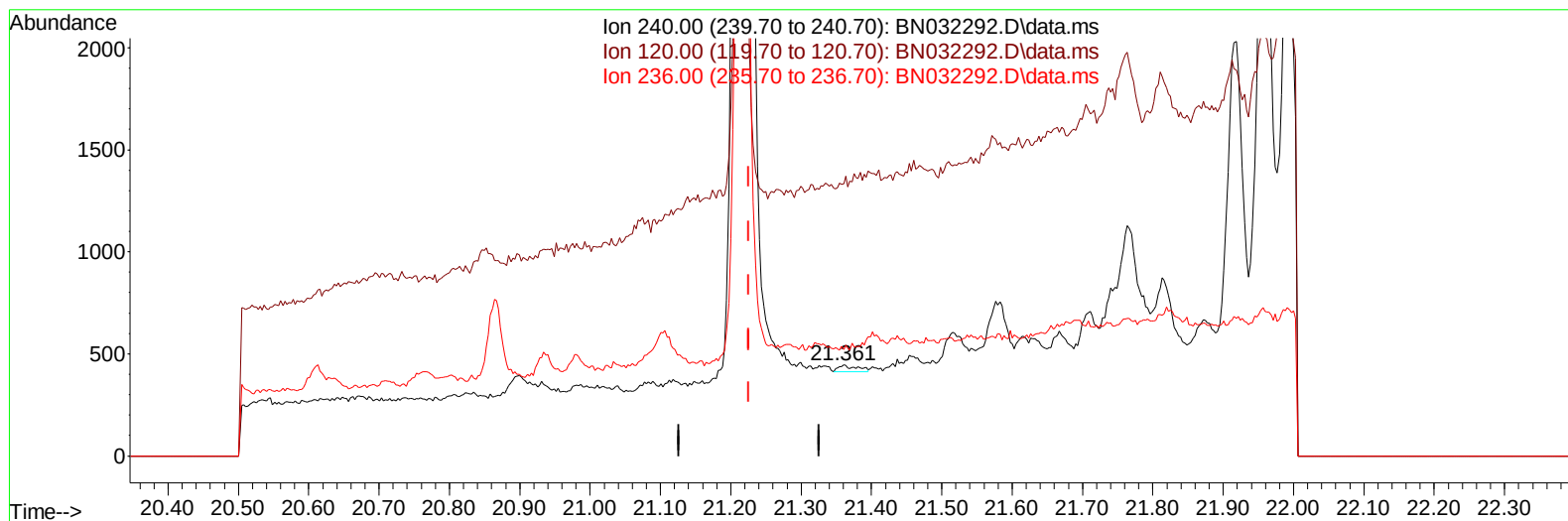
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032292.D
Acq On : 27 Jun 2024 22:31
Operator : MA/JU
Sample : P2909-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B46

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
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Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032292.D\data.ms

(17) Chrysene-d12

21.361min (+ 0.134) 0.40 ng/u1

response 60

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	298.88#
236.00	28.40	116.82#
0.00	0.00	0.00

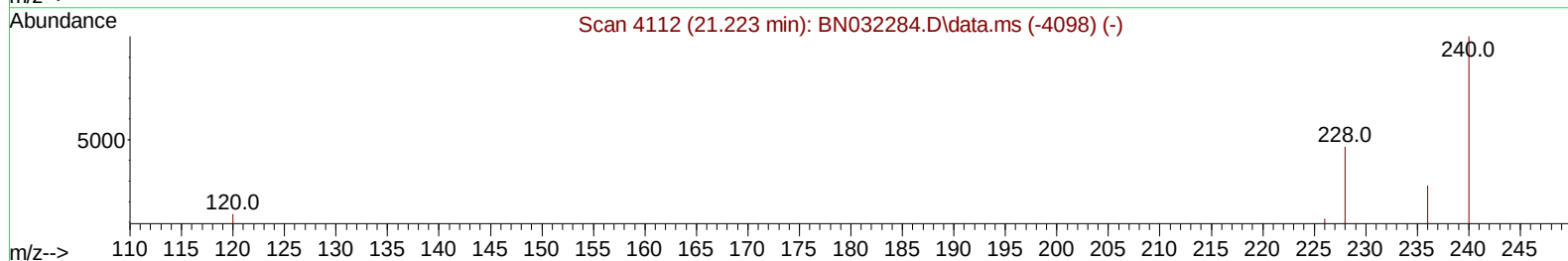
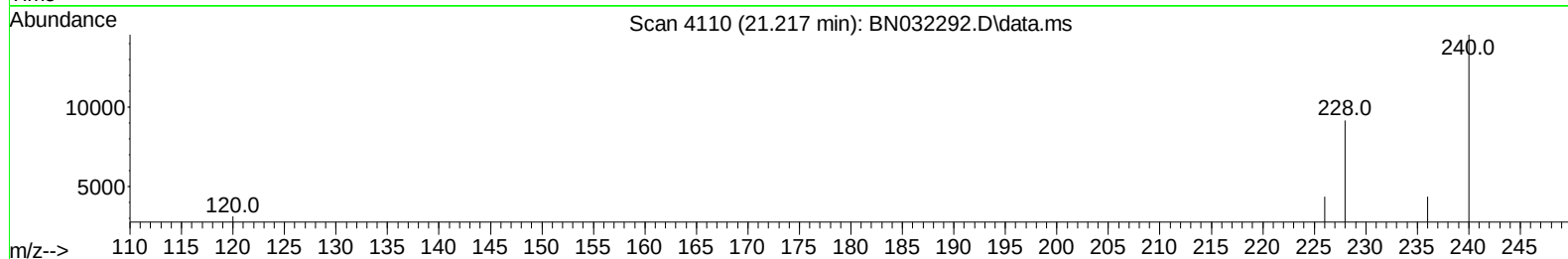
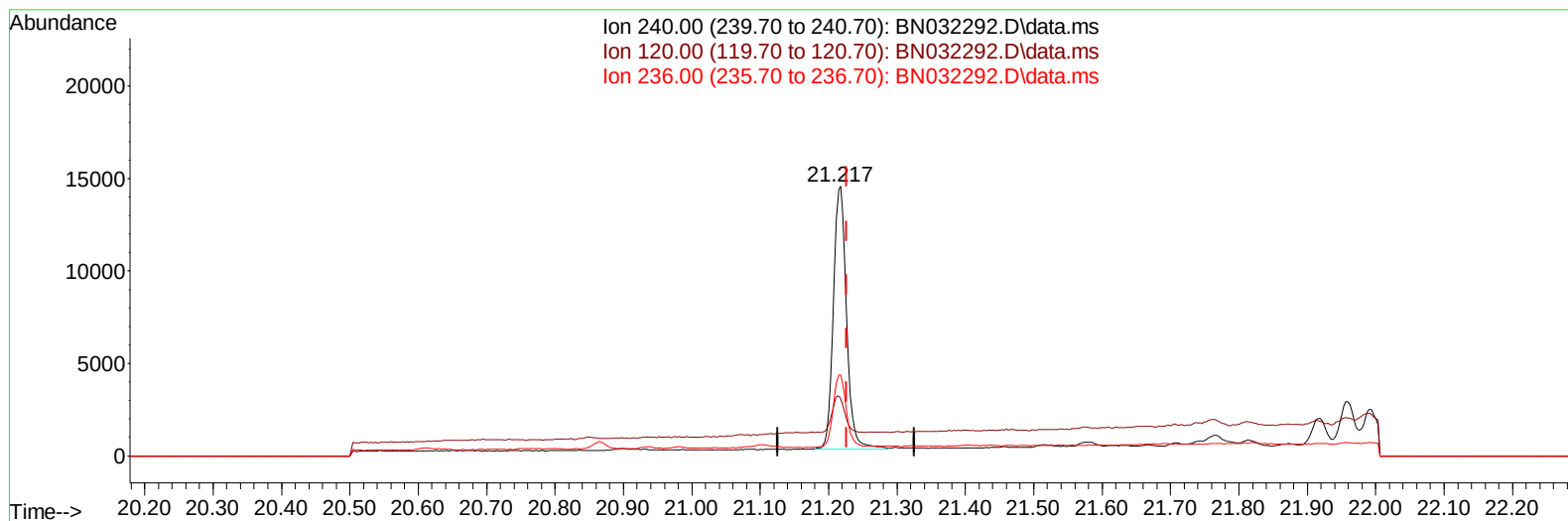
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032292.D
Acq On : 27 Jun 2024 22:31
Operator : MA/JU
Sample : P2909-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B46

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:14 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: BN032292.D\data.ms

(17) Chrysene-d12

21.217min (-0.009) 0.40 ng/ul m

response 19027

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	21.21#
236.00	28.40	29.97
0.00	0.00	0.00

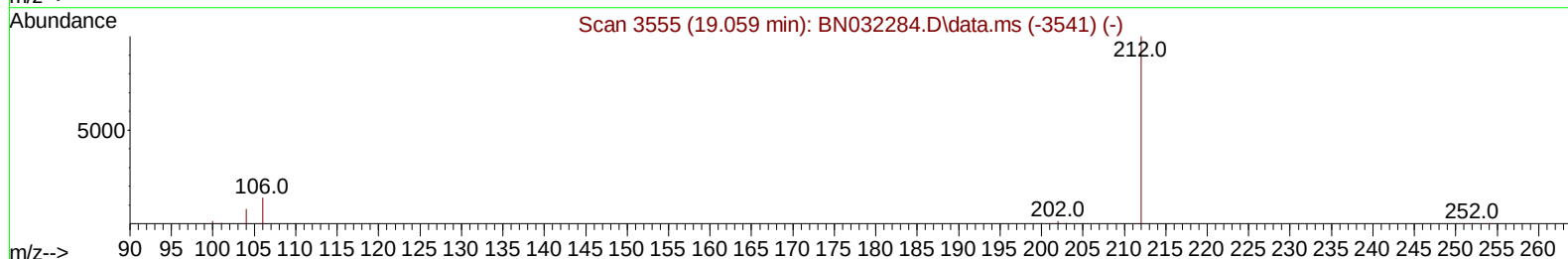
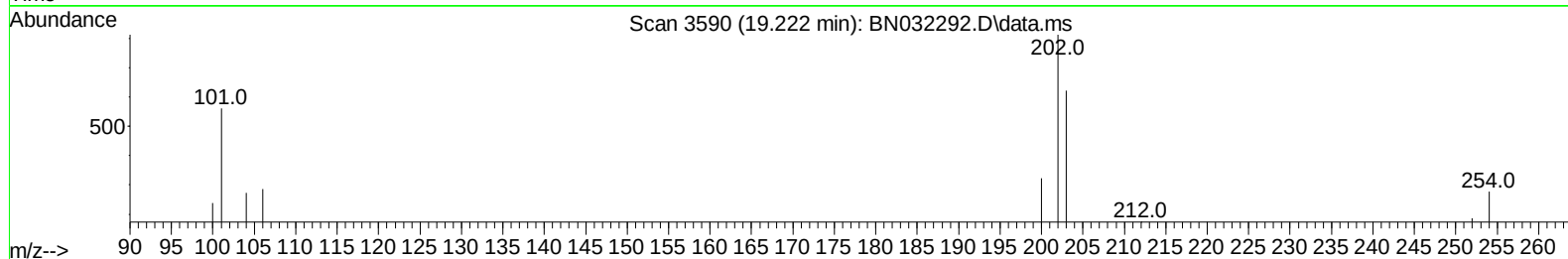
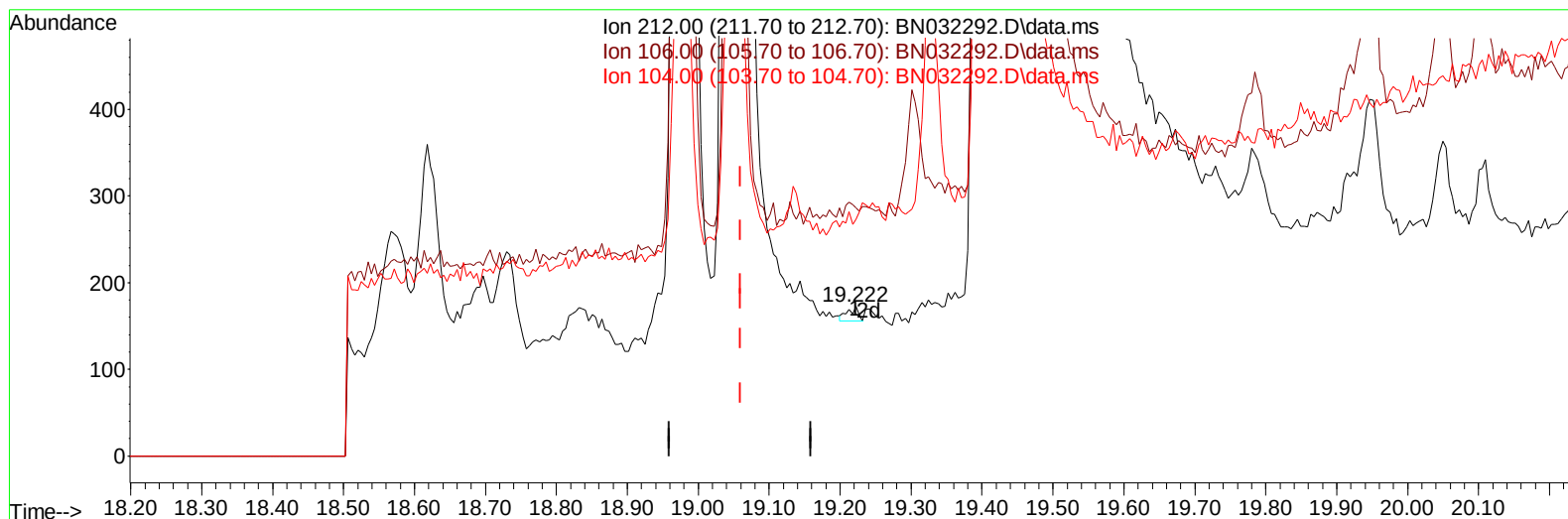
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032292.D
Acq On : 27 Jun 2024 22:31
Operator : MA/JU
Sample : P2909-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B46

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:14 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: BN032292.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.222min (+ 0.163) 0.00 ng/u1

response 17

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	129.41#
104.00	8.40	52.94#
0.00	0.00	0.00

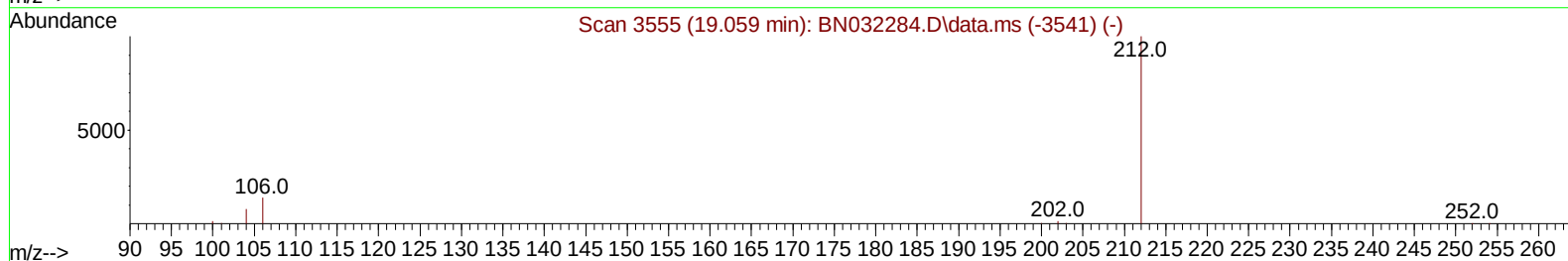
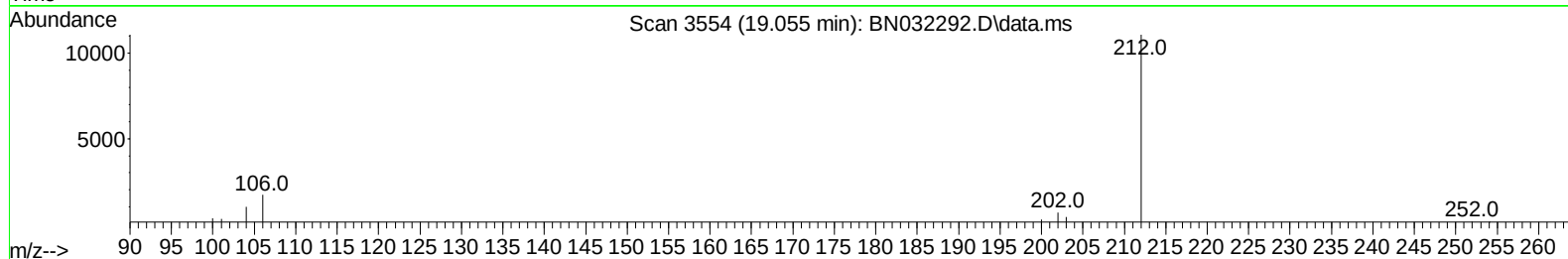
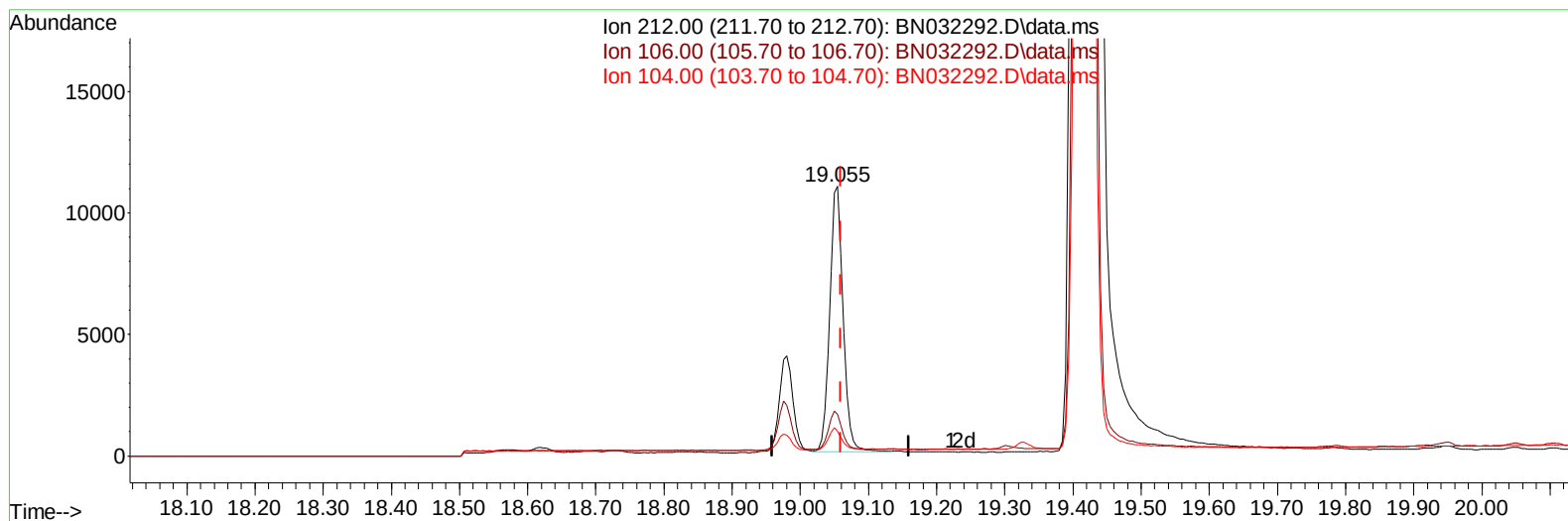
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032292.D
Acq On : 27 Jun 2024 22:31
Operator : MA/JU
Sample : P2909-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B46

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:14 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: BN032292.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.055min (-0.005) 0.26 ng/ul m

response 14735

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	0.15#
104.00	8.40	0.06#
0.00	0.00	0.00

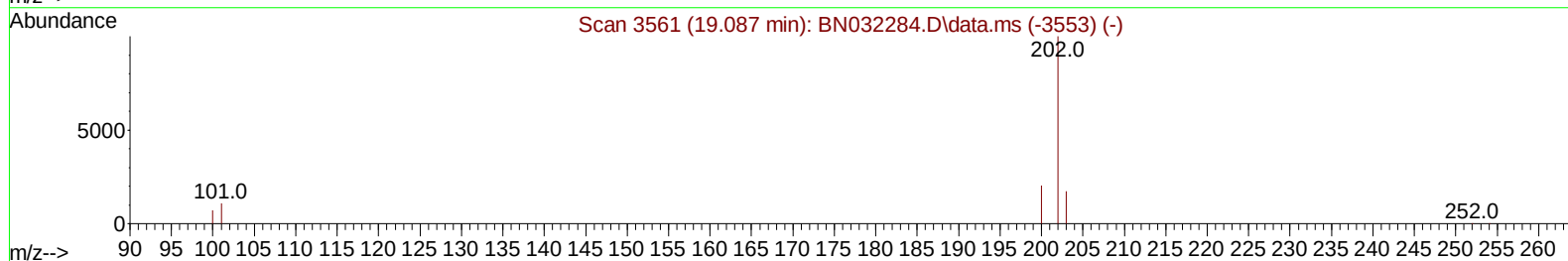
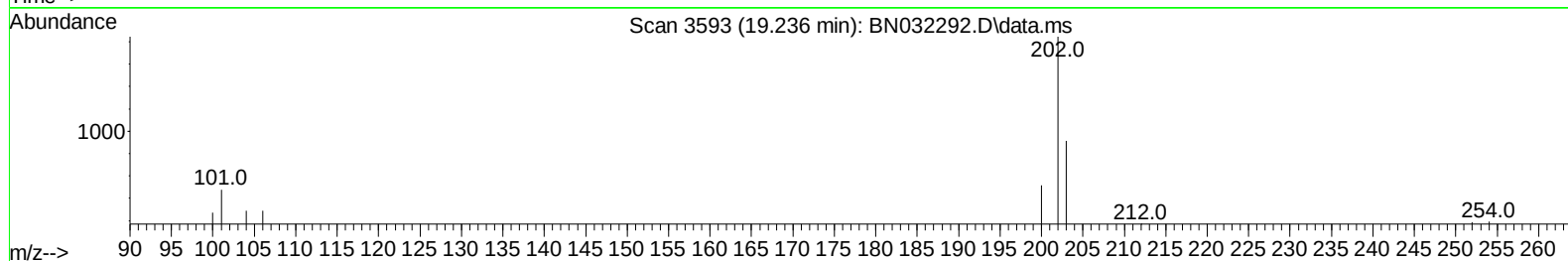
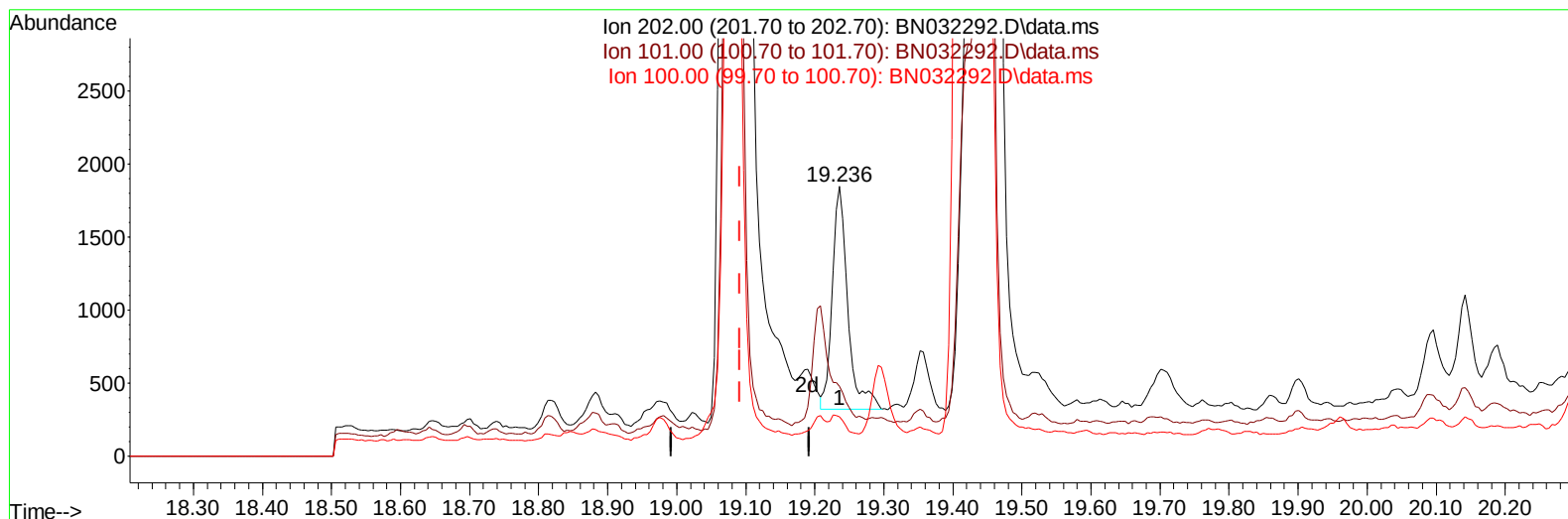
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032292.D
Acq On : 27 Jun 2024 22:31
Operator : MA/JU
Sample : P2909-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B46

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:14 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
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Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032292.D\data.ms

(19) Fluoranthene (C)

19.236min (+ 0.144) 0.03 ng/u1

response 2389

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	25.85#
100.00	8.00	14.58#
0.00	0.00	0.00

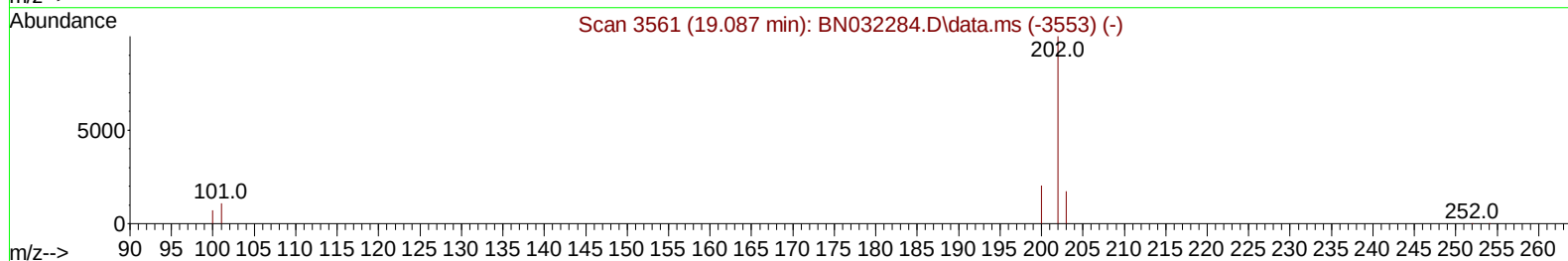
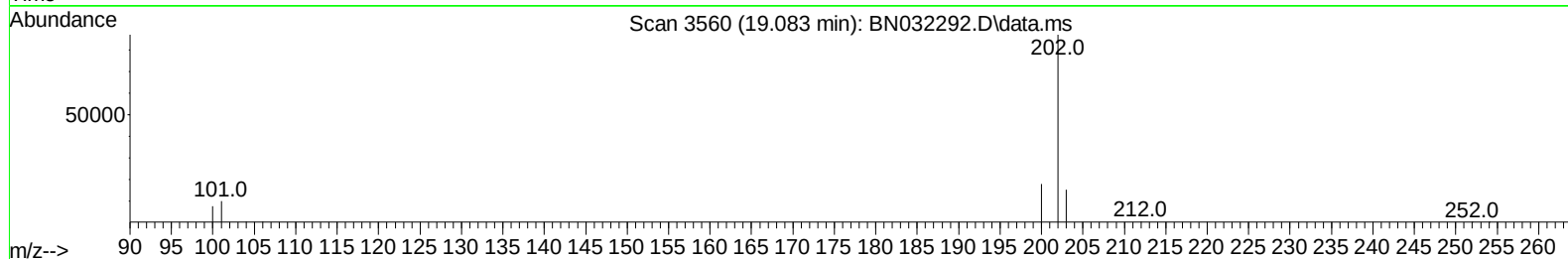
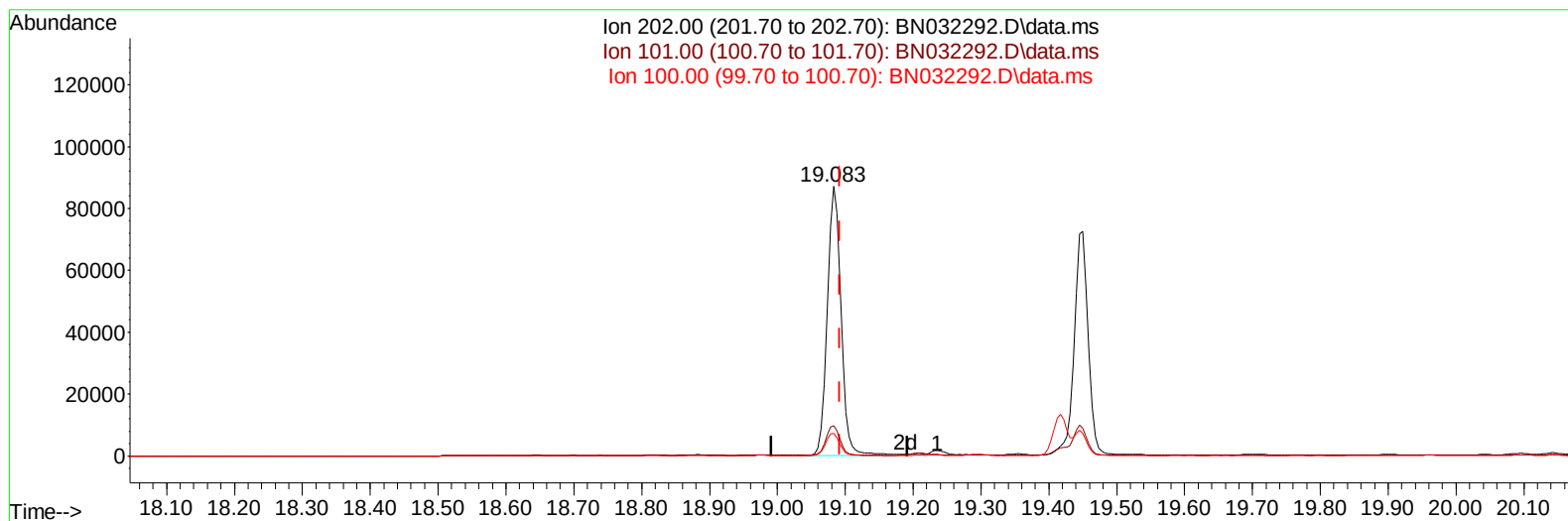
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032292.D
Acq On : 27 Jun 2024 22:31
Operator : MA/JU
Sample : P2909-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B46

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:14 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032292.D\data.ms

(19) Fluoranthene (C)

19.083min (-0.009) 1.69 ng/ul m

response 122418

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.31
100.00	8.00	8.50
0.00	0.00	0.00

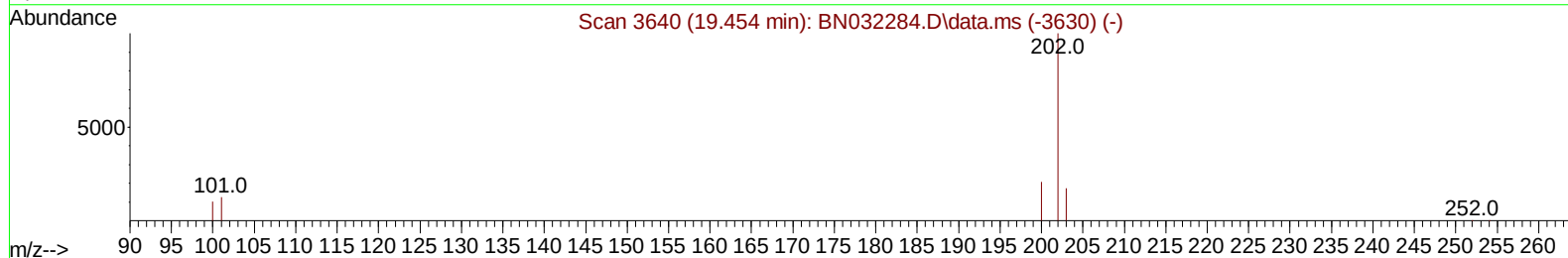
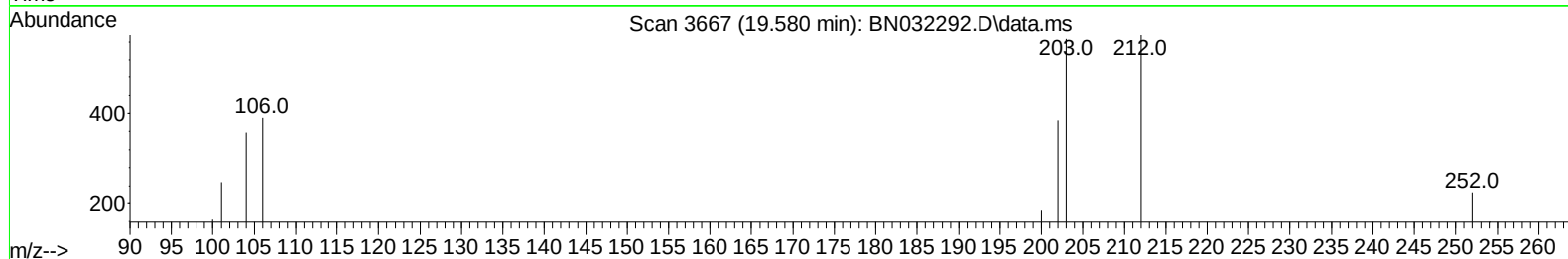
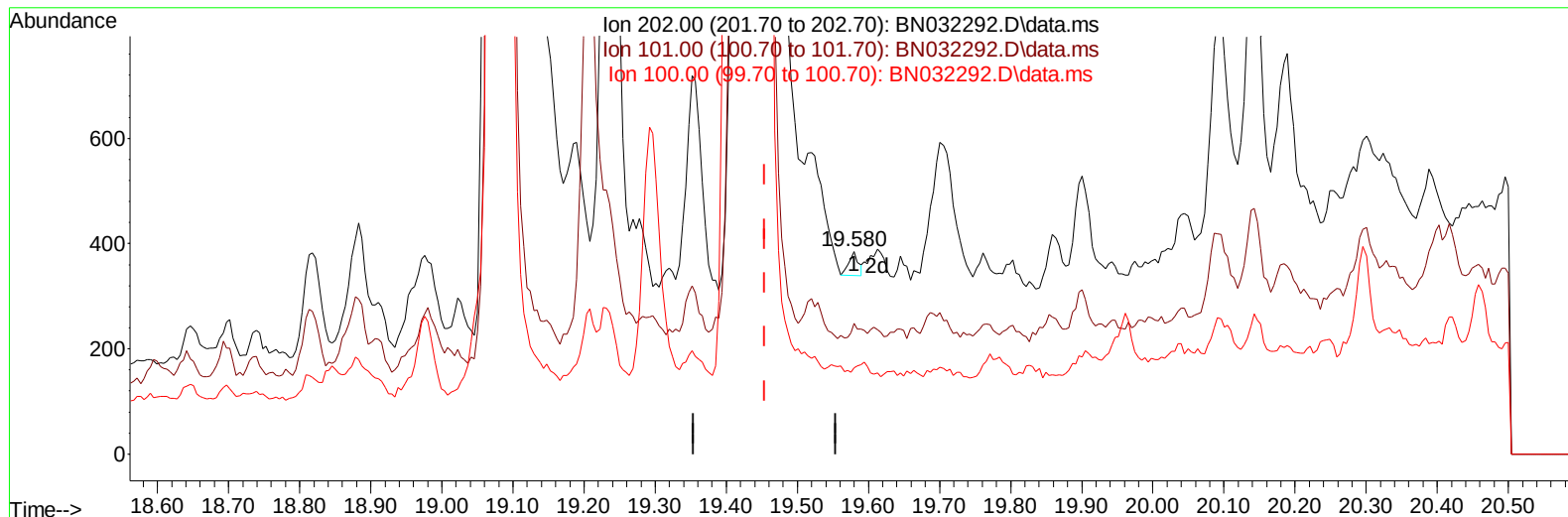
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032292.D
Acq On : 27 Jun 2024 22:31
Operator : MA/JU
Sample : P2909-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B46

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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Supervised By :mohammad ahmed 06/28/2024



TIC: BN032292.D\data.ms

(20) Pyrene

19.580min (+ 0.125) 0.00 ng/u1

response 42

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	64.42#
100.00	10.90	42.60#
0.00	0.00	0.00

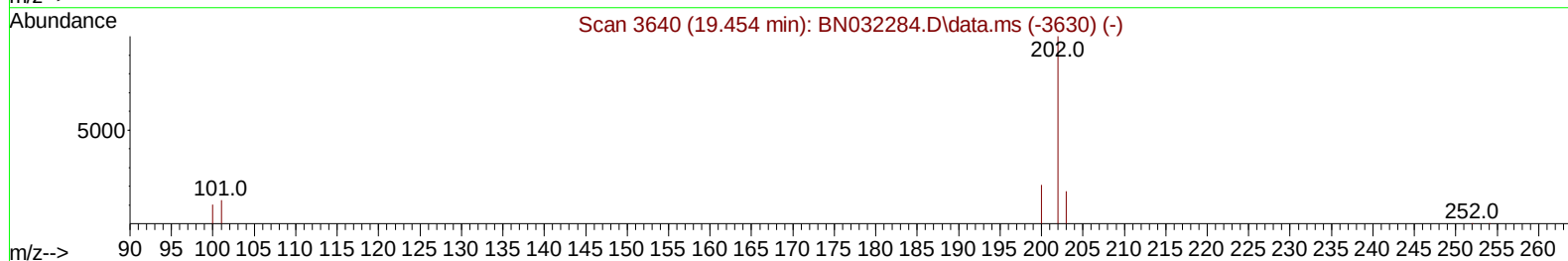
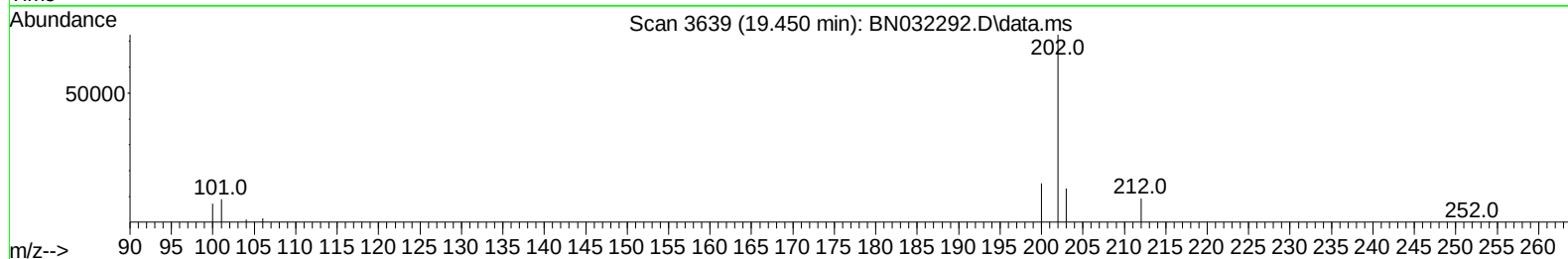
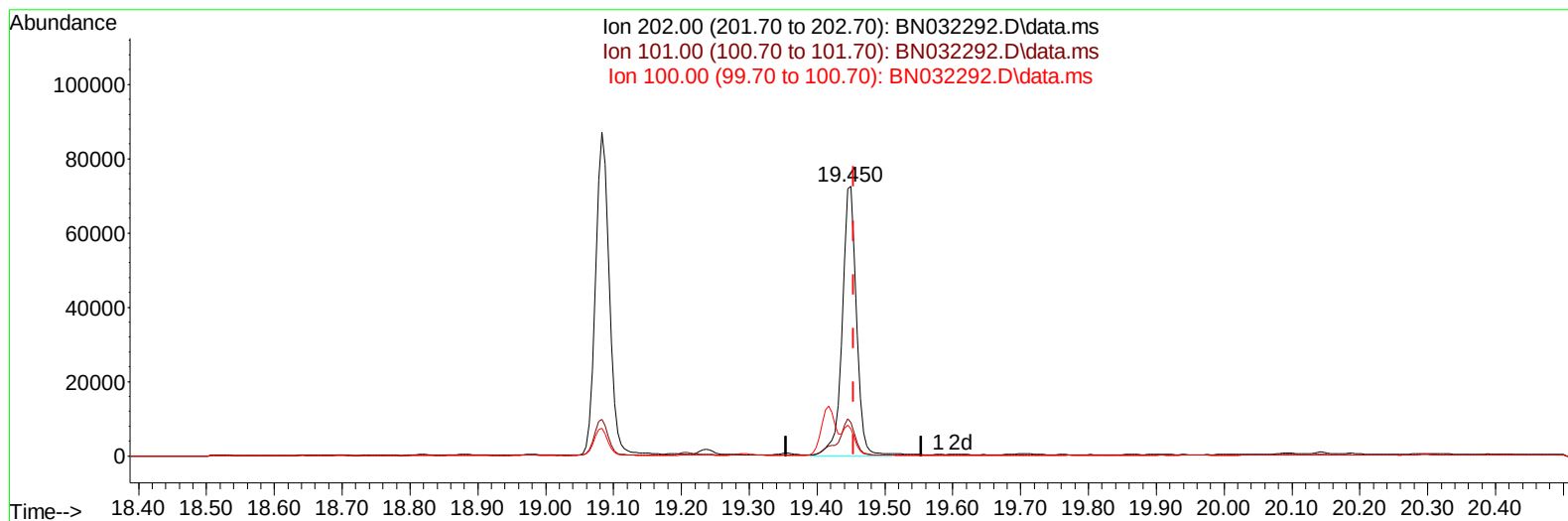
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032292.D
Acq On : 27 Jun 2024 22:31
Operator : MA/JU
Sample : P2909-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B46

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:14 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: BN032292.D\data.ms

(20) Pyrene

19.450min (-0.005) 1.39 ng/ul m

response 105169

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	12.42
100.00	10.90	10.02
0.00	0.00	0.00

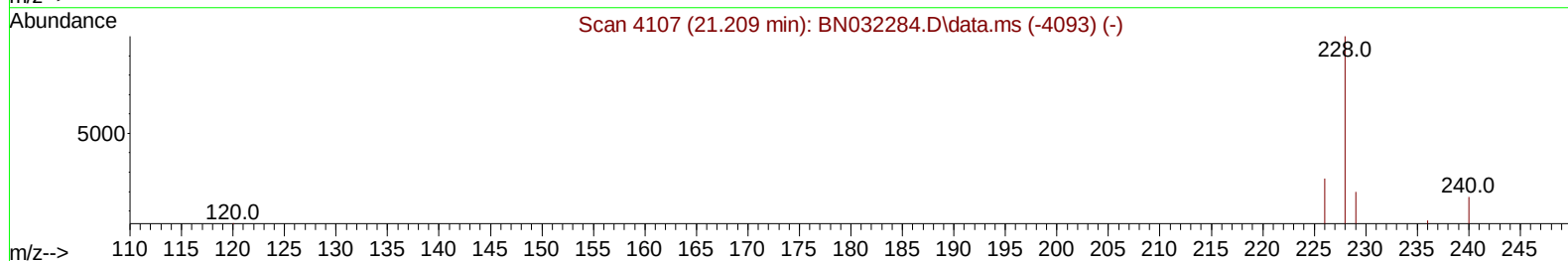
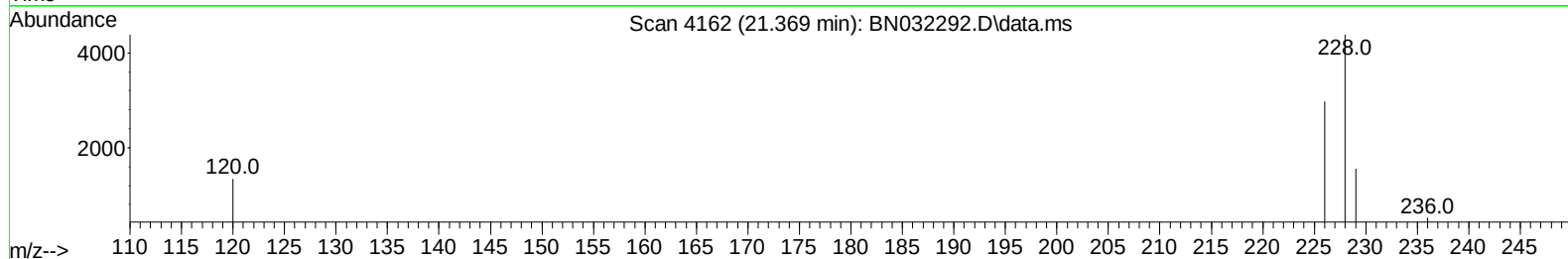
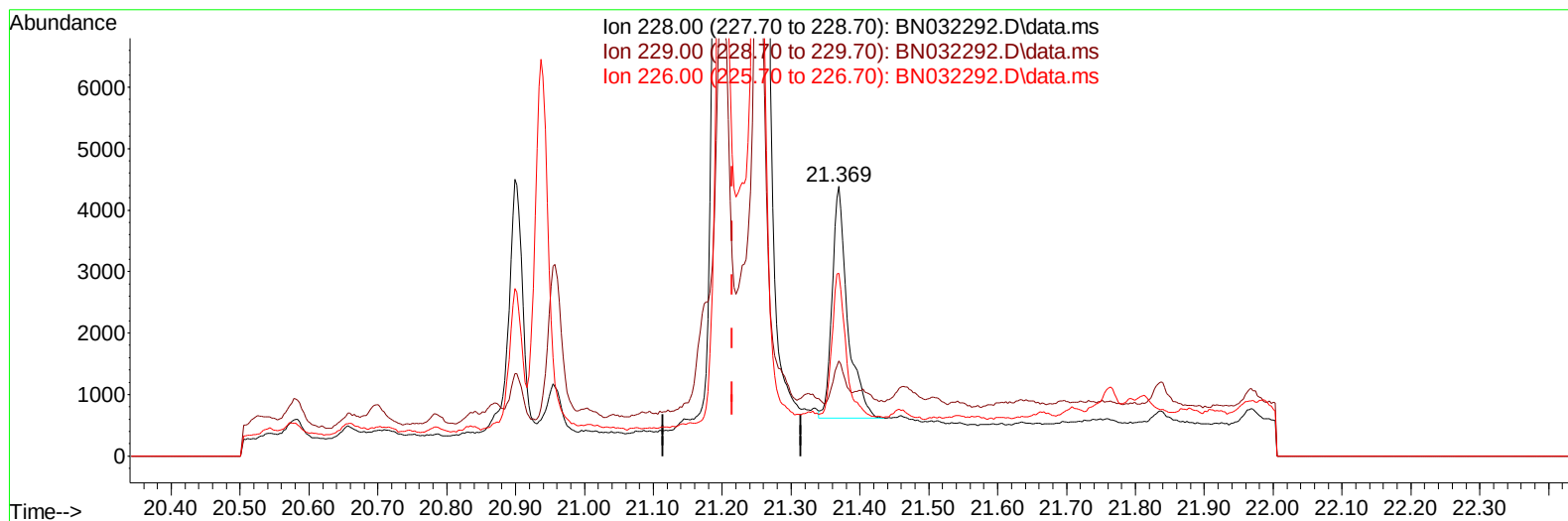
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032292.D
Acq On : 27 Jun 2024 22:31
Operator : MA/JU
Sample : P2909-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B46

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:14 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: BN032292.D\data.ms

(21) Benzo(a)anthracene

21.369min (+ 0.155) 0.09 ng/u1

response 5867

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	35.38#
226.00	27.30	67.88#
0.00	0.00	0.00

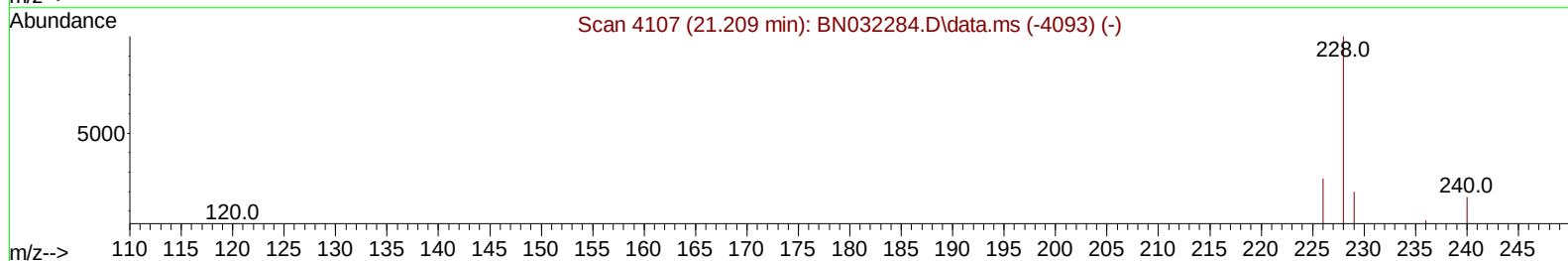
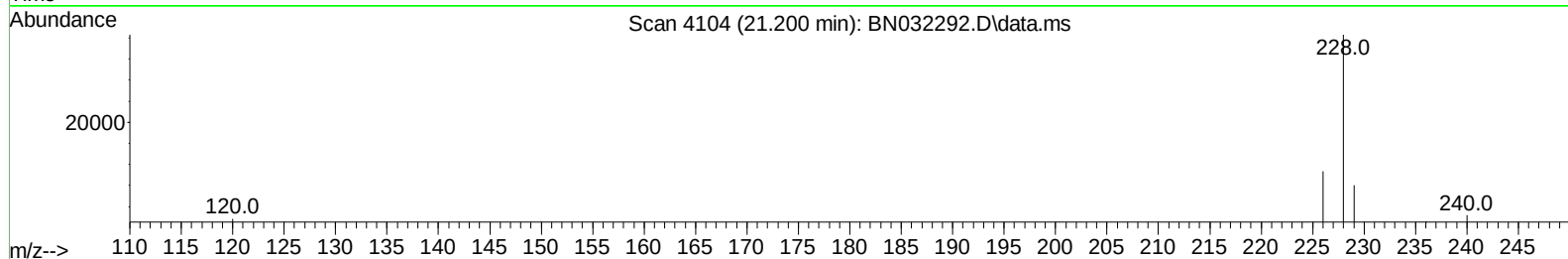
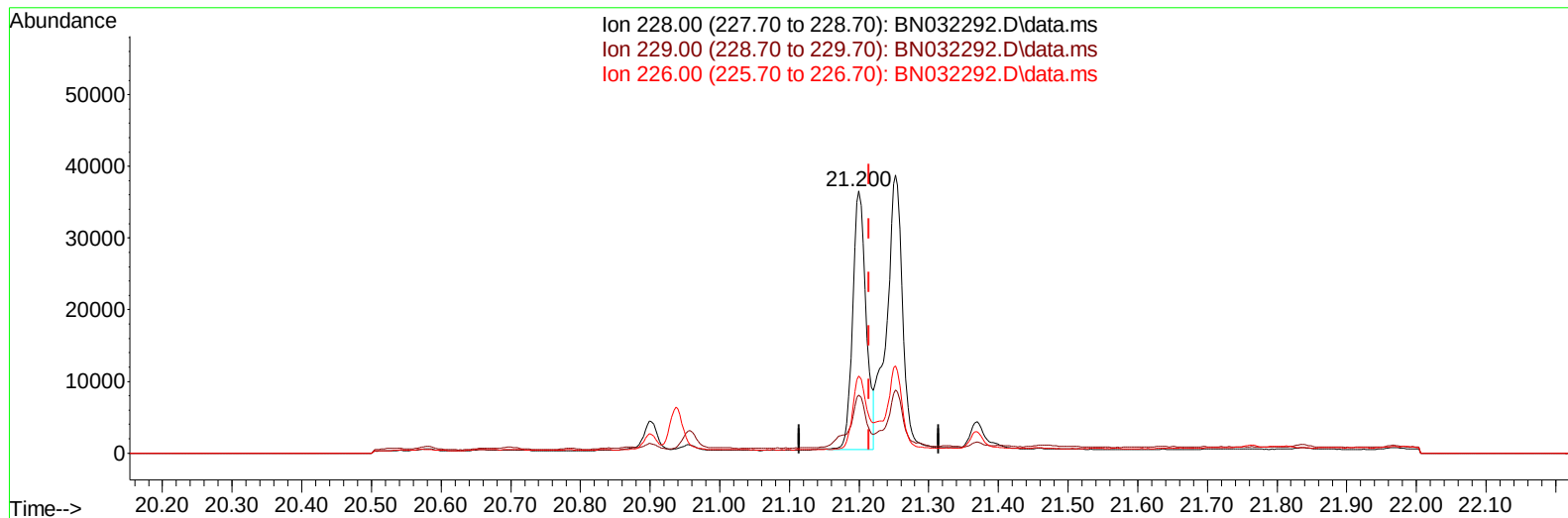
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032292.D
Acq On : 27 Jun 2024 22:31
Operator : MA/JU
Sample : P2909-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B46

Manual IntegrationsAPPROVED

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

Quant Time: Jun 28 00:28:14 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: BN032292.D\data.ms

(21) Benzo(a)anthracene

21.200min (-0.015) 0.70 ng/ul m

response 48238

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	22.17
226.00	27.30	29.30
0.00	0.00	0.00

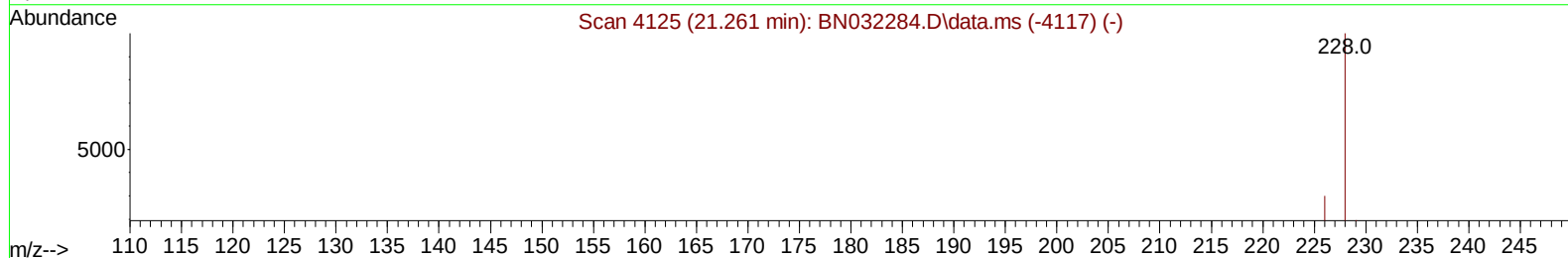
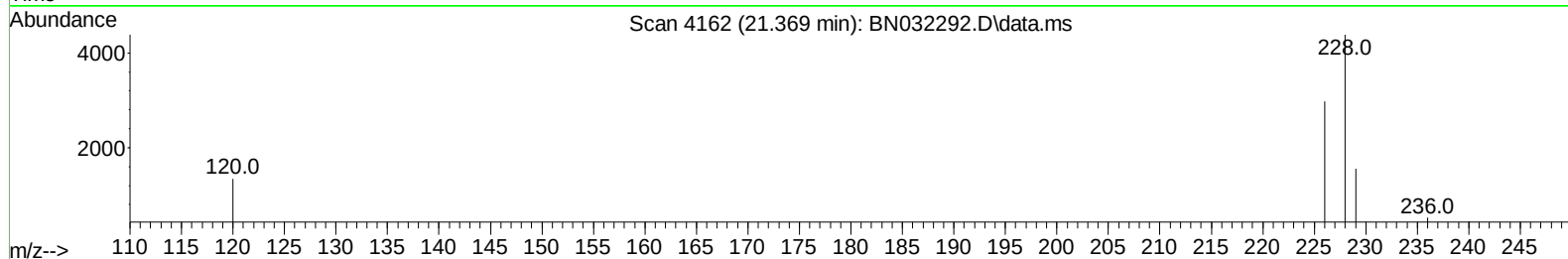
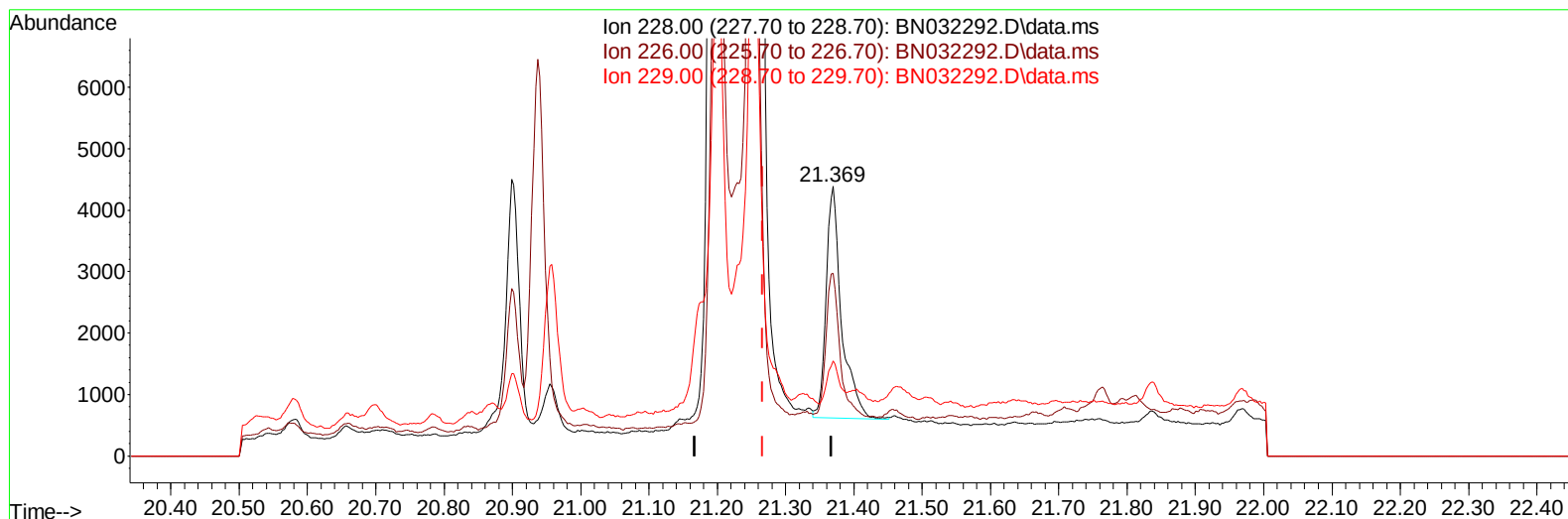
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032292.D
Acq On : 27 Jun 2024 22:31
Operator : MA/JU
Sample : P2909-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B46

Manual IntegrationsAPPROVED

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

Quant Time: Jun 28 00:28:14 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: BN032292.D\data.ms

(22) Chrysene

21.369min (+ 0.102) 0.08 ng/u1

response 5891

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	67.88#
229.00	19.60	35.38#
0.00	0.00	0.00

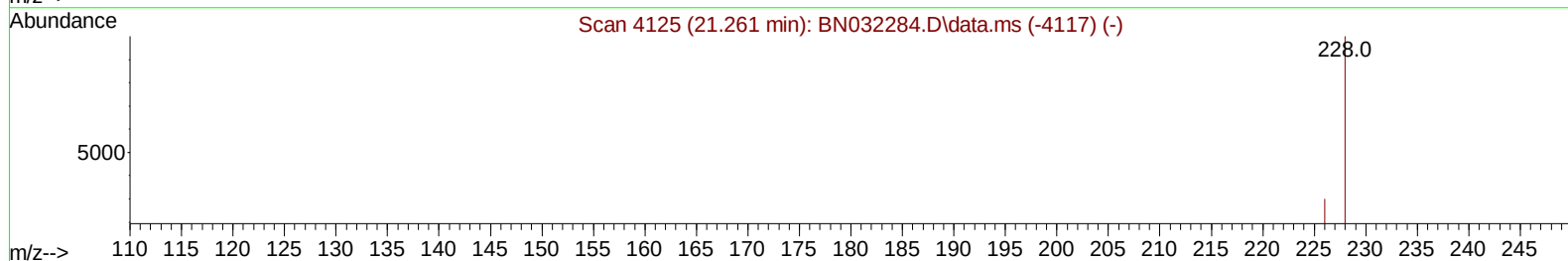
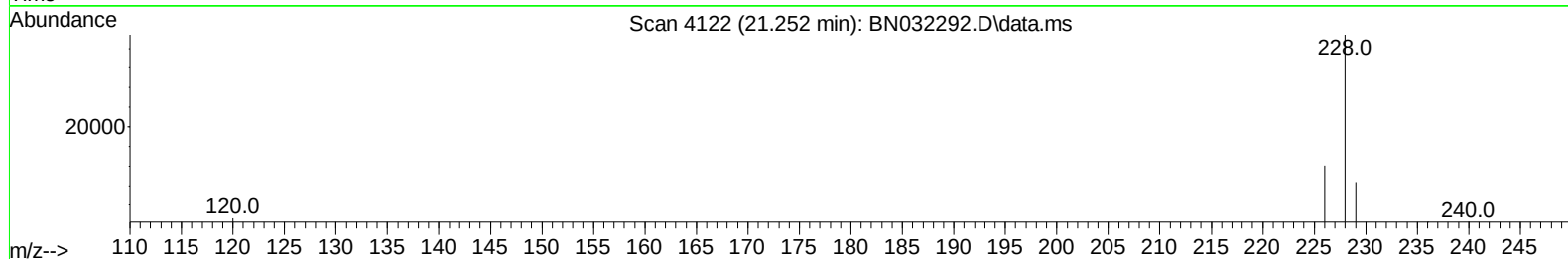
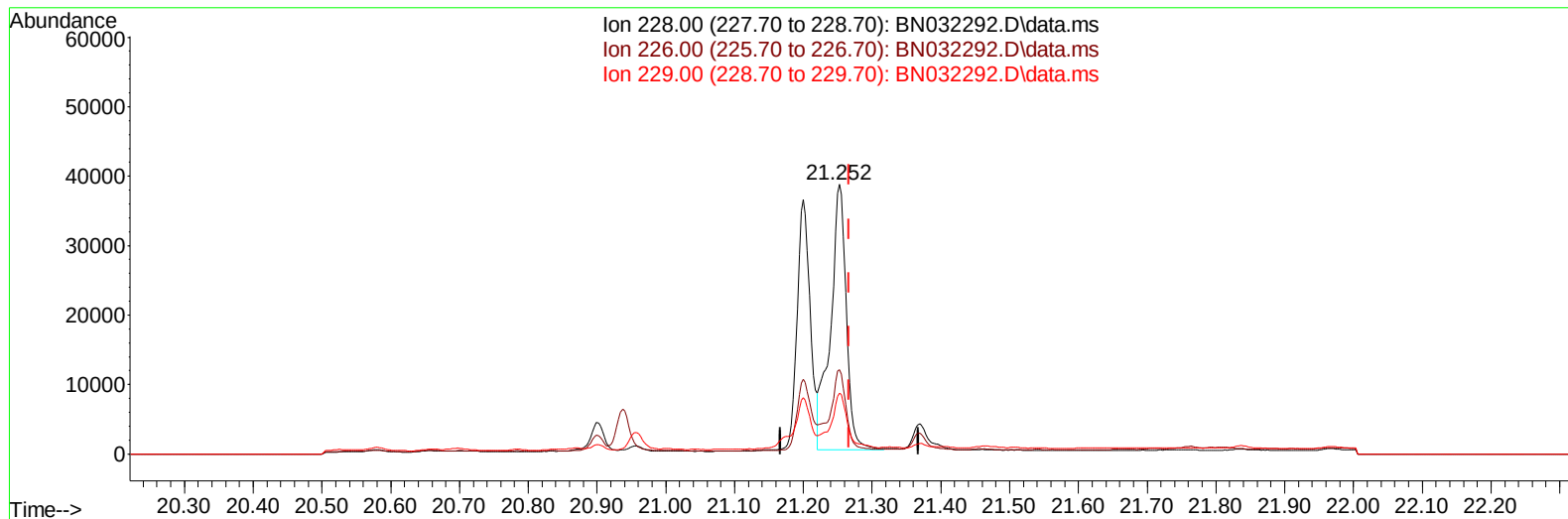
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032292.D
Acq On : 27 Jun 2024 22:31
Operator : MA/JU
Sample : P2909-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B46

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:14 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: BN032292.D\data.ms

(22) Chrysene

21.252min (-0.015) 0.81 ng/ul m

response 61341

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	31.31
229.00	19.60	22.60
0.00	0.00	0.00

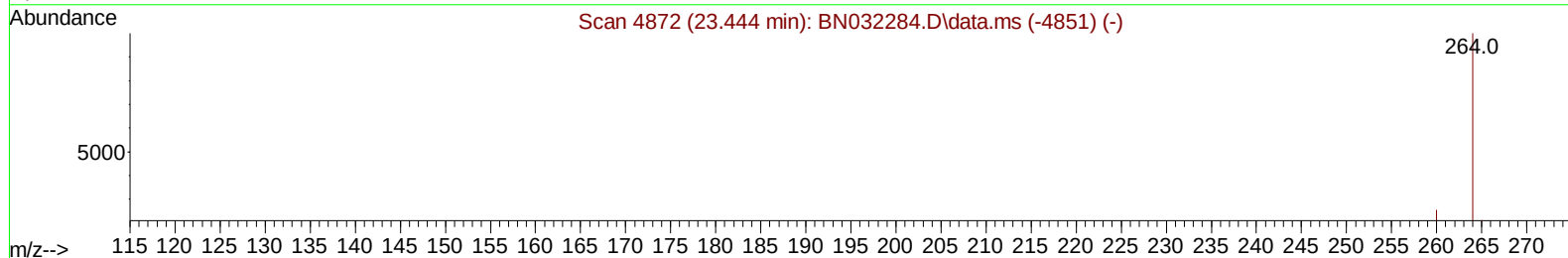
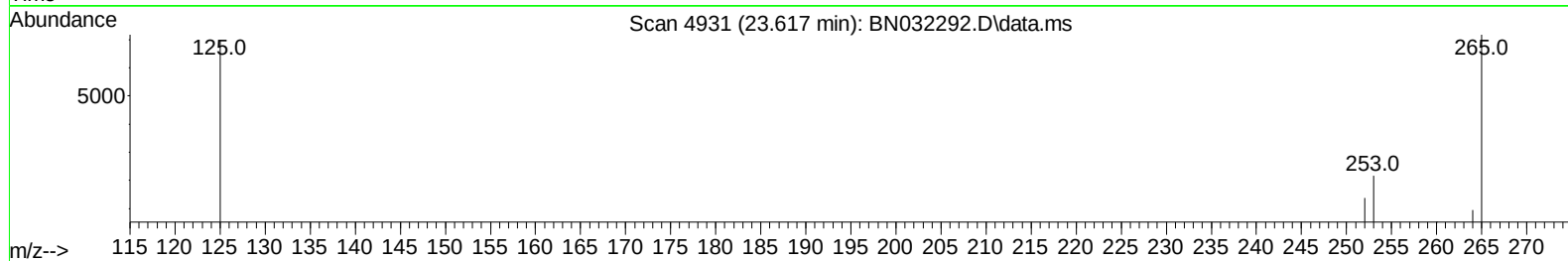
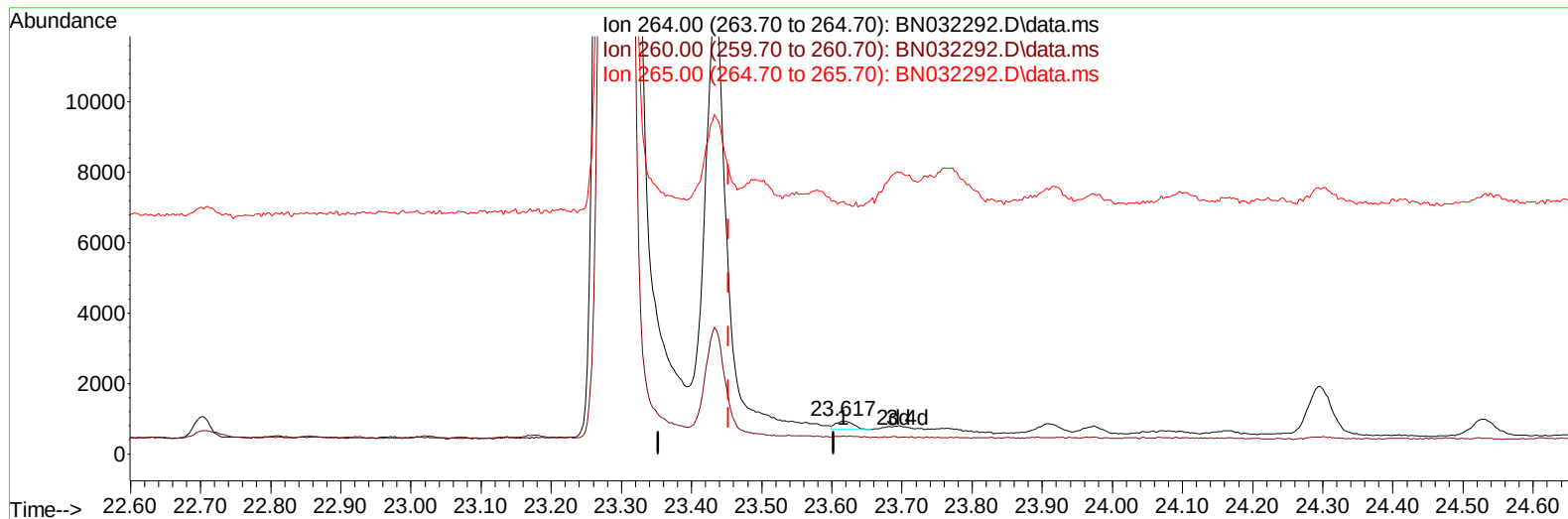
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032292.D
Acq On : 27 Jun 2024 22:31
Operator : MA/JU
Sample : P2909-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B46

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:14 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: BN032292.D\data.ms

(23) Perylene-d12 (I)

23.617min (+ 0.164) 0.40 ng/ul

response 403

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	55.14#
265.00	67.20	768.42#
0.00	0.00	0.00

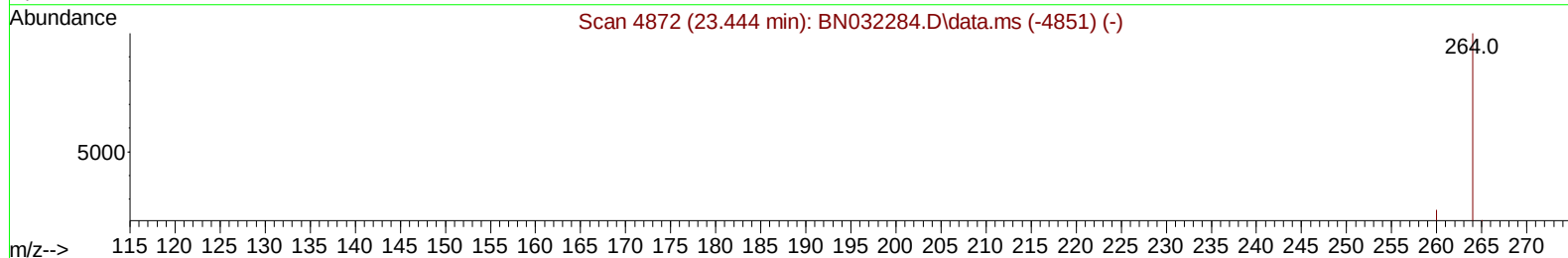
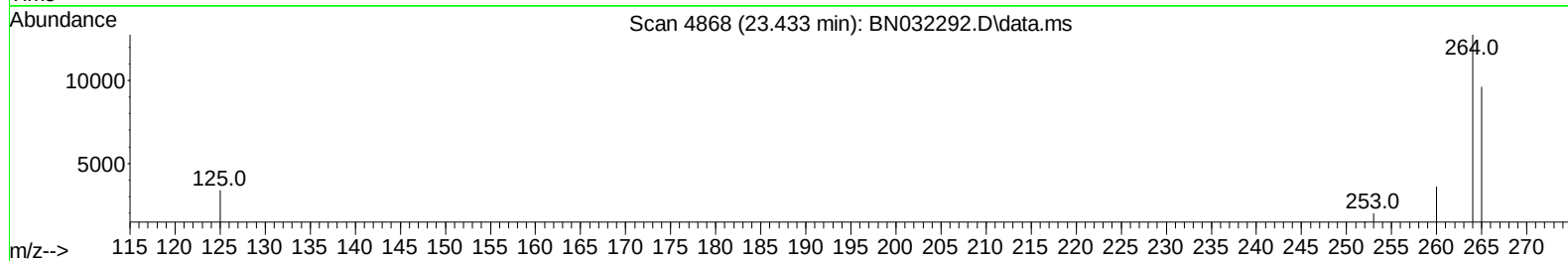
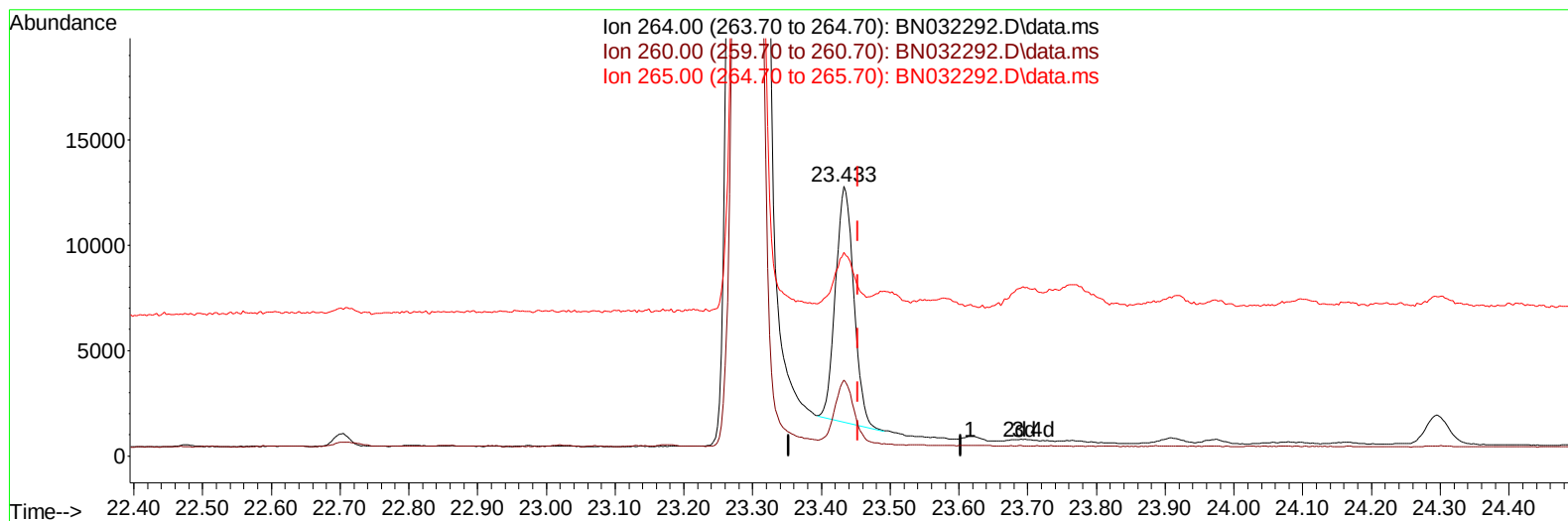
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032292.D
Acq On : 27 Jun 2024 22:31
Operator : MA/JU
Sample : P2909-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B46

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:14 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: BN032292.D\data.ms

(23) Perylene-d12 (I)

23.433min (-0.020) 0.40 ng/ul m

response 20659

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	28.25
265.00	67.20	75.46
0.00	0.00	0.00

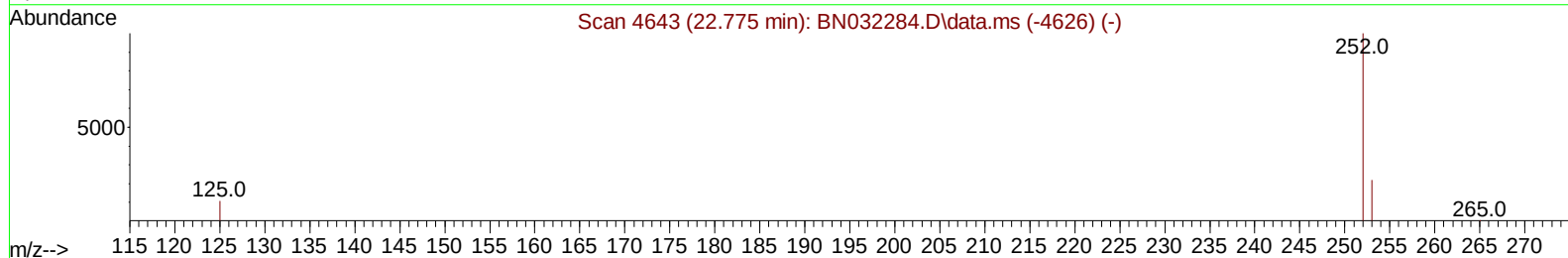
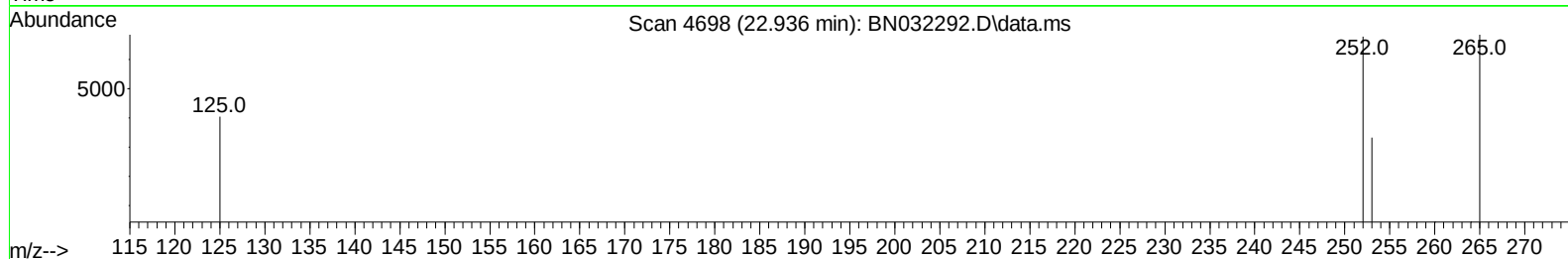
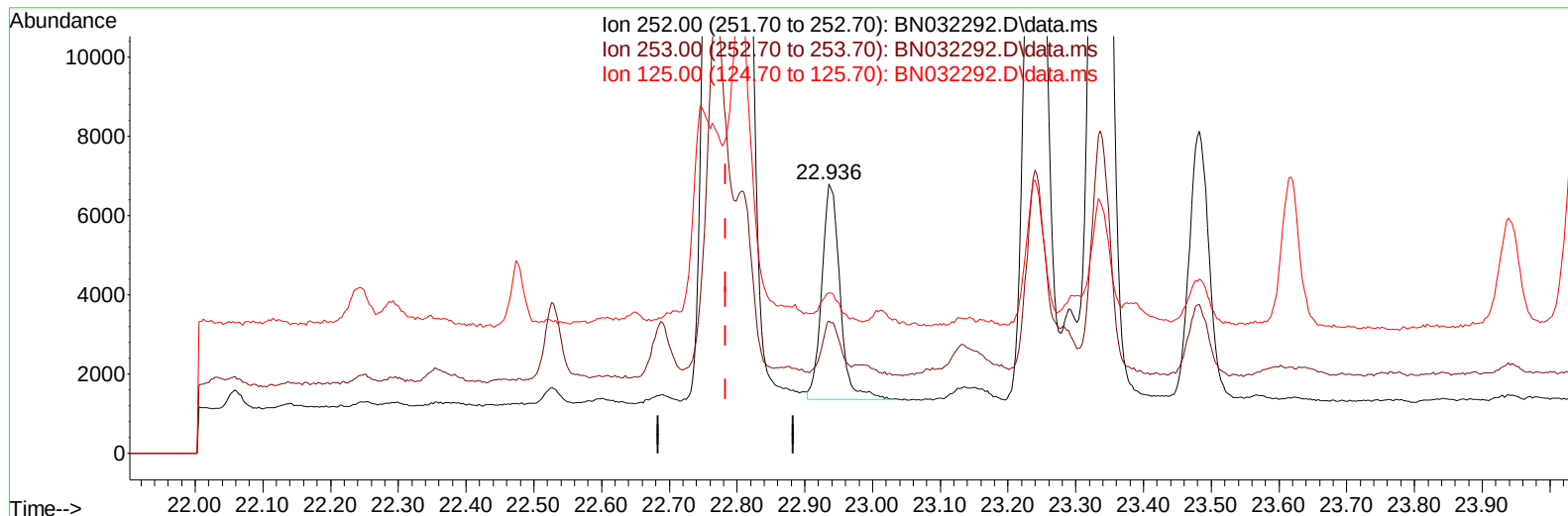
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032292.D
Acq On : 27 Jun 2024 22:31
Operator : MA/JU
Sample : P2909-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B46

Manual IntegrationsAPPROVED

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

Quant Time: Jun 28 00:28:14 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: BN032292.D\data.ms

(24) Benzo(b)fluoranthene

22.936min (+ 0.152) 0.11 ng/u1

response 10193

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	49.23
125.00	16.00	59.61#
0.00	0.00	0.00

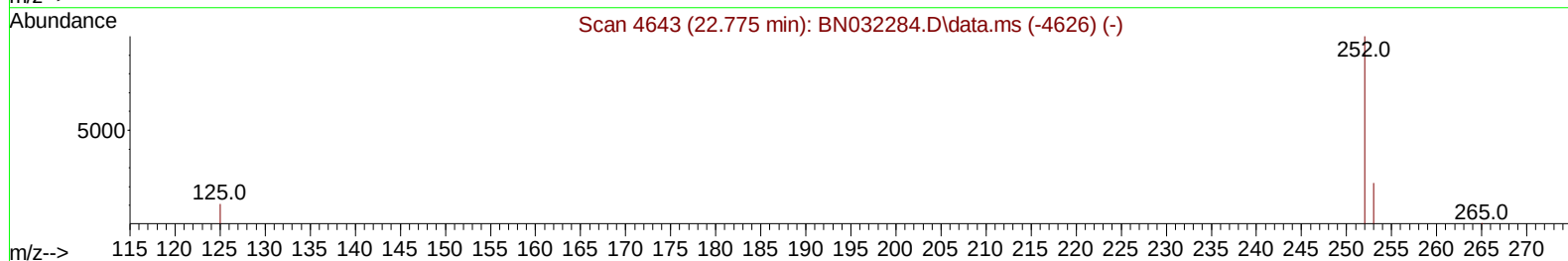
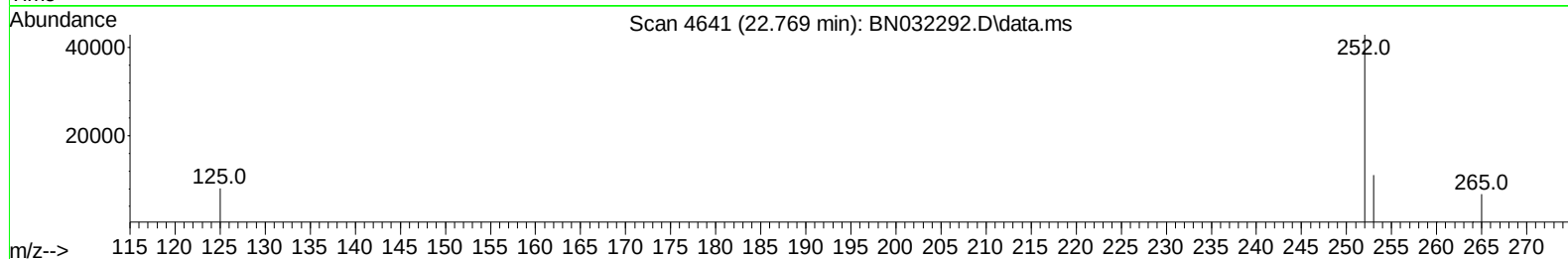
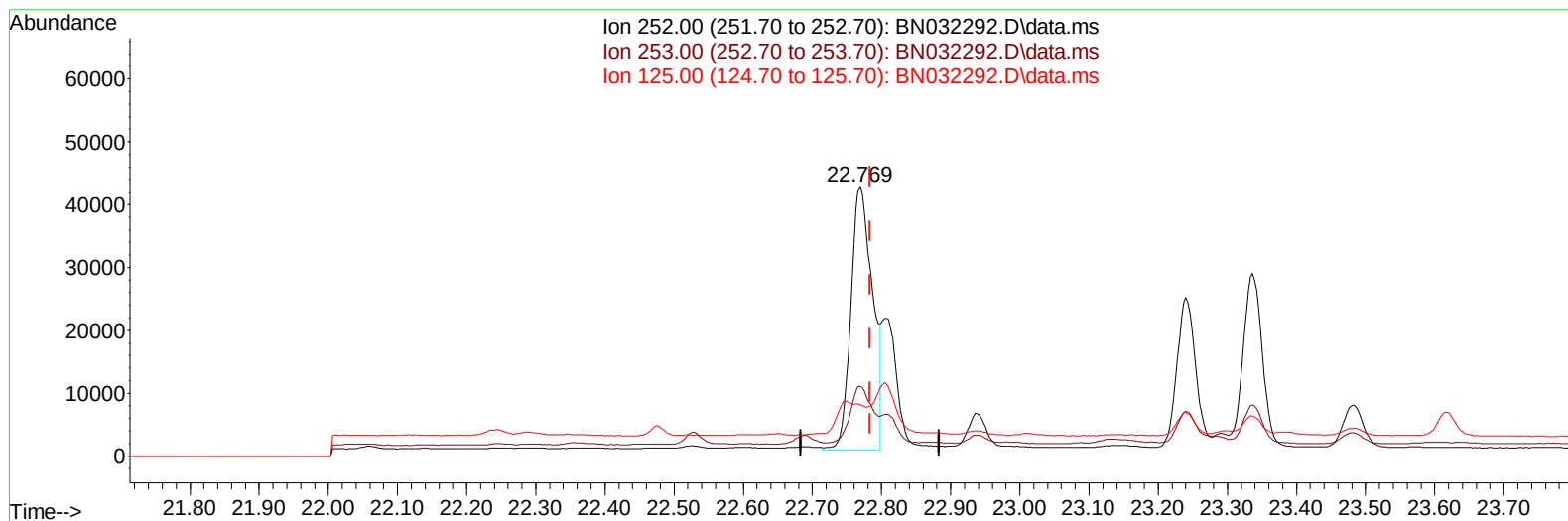
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032292.D
Acq On : 27 Jun 2024 22:31
Operator : MA/JU
Sample : P2909-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B46

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:14 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

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Supervised By :mohammad ahmed 06/28/2024



TIC: BN032292.D\data.ms

(24) Benzo(b)fluoranthene

22.769min (-0.015) 1.03 ng/ul m

response 92456

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	25.93
125.00	16.00	18.99
0.00	0.00	0.00

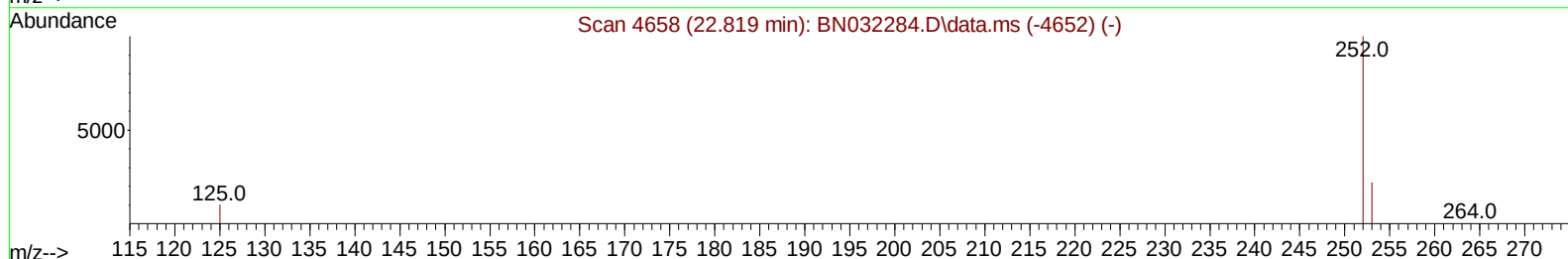
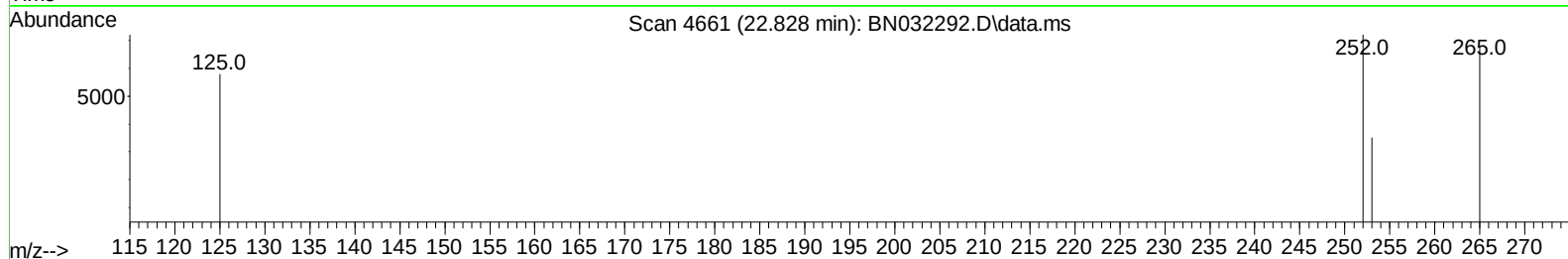
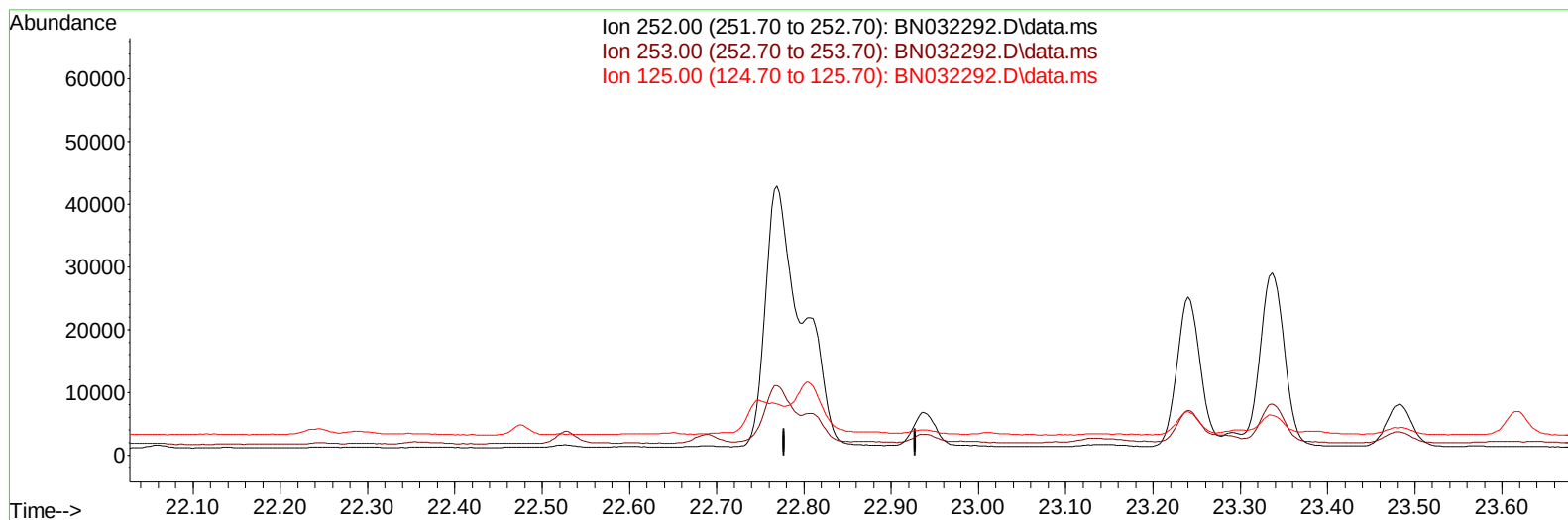
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032292.D
Acq On : 27 Jun 2024 22:31
Operator : MA/JU
Sample : P2909-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B46

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:14 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: BN032292.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

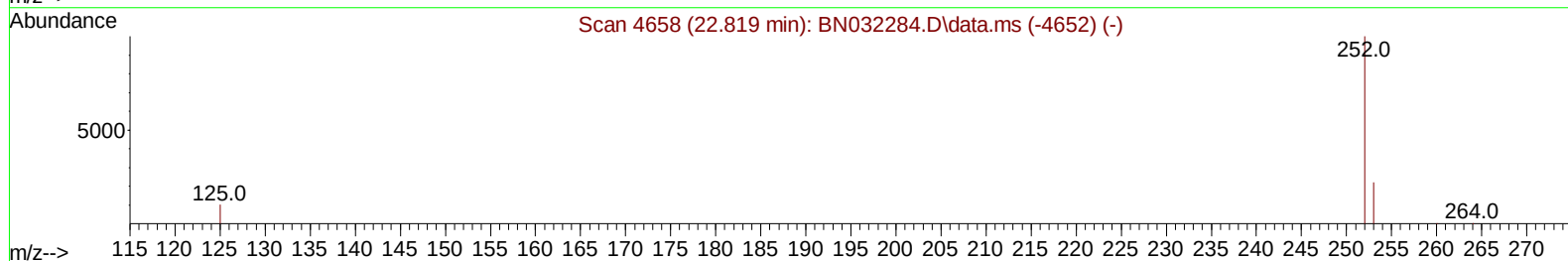
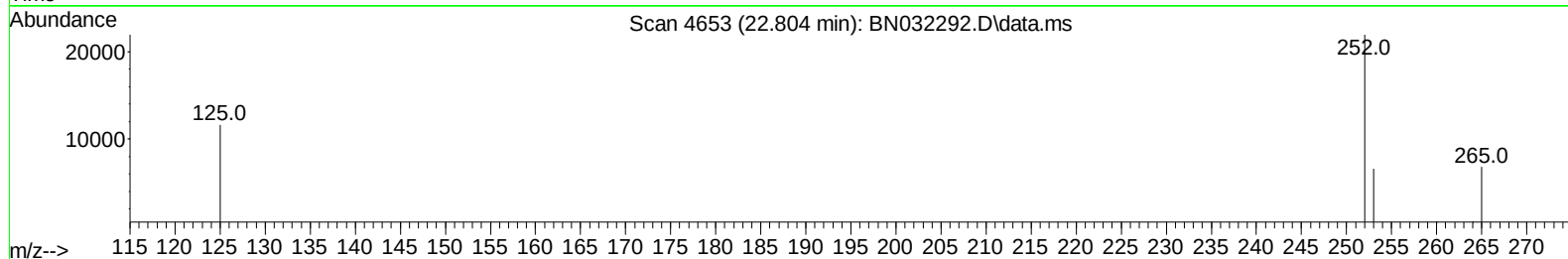
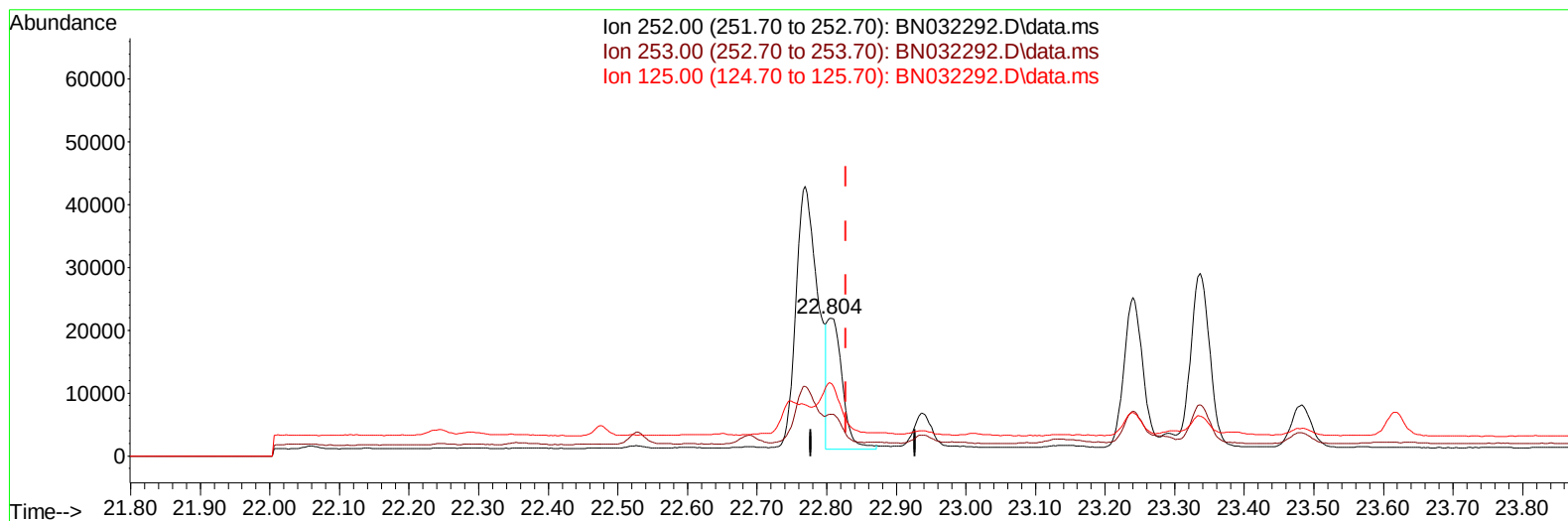
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032292.D
Acq On : 27 Jun 2024 22:31
Operator : MA/JU
Sample : P2909-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B46

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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QLast Update : Thu Jun 27 13:23:38 2024
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Supervised By :mohammad ahmed 06/28/2024



TIC: BN032292.D\data.ms

(25) Benzo(k)fluoranthene

22.804min (-0.023) 0.36 ng/ul m

response 31319

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	30.01
125.00	16.00	53.06#
0.00	0.00	0.00

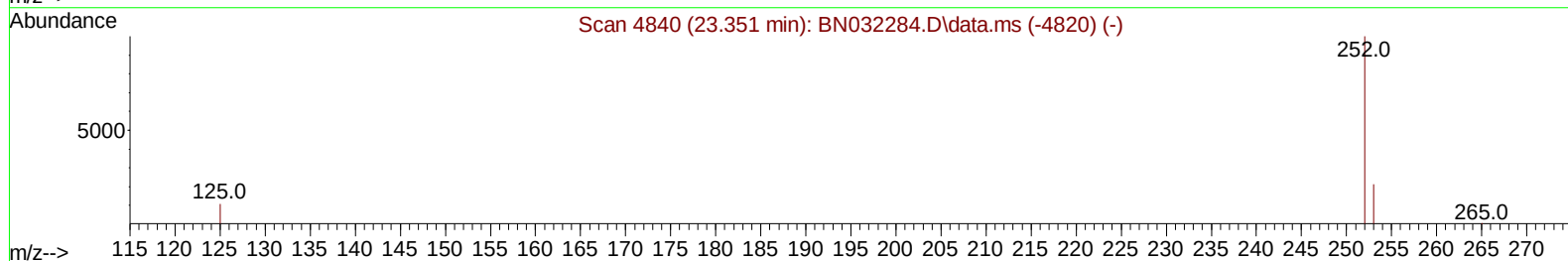
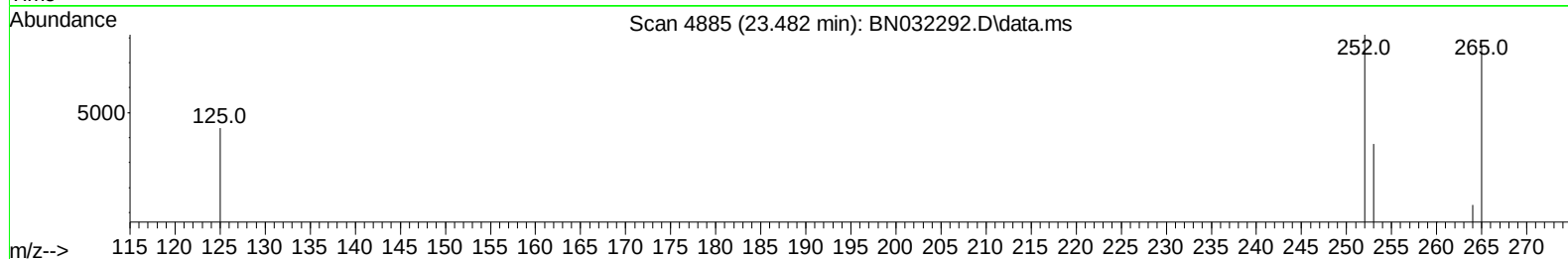
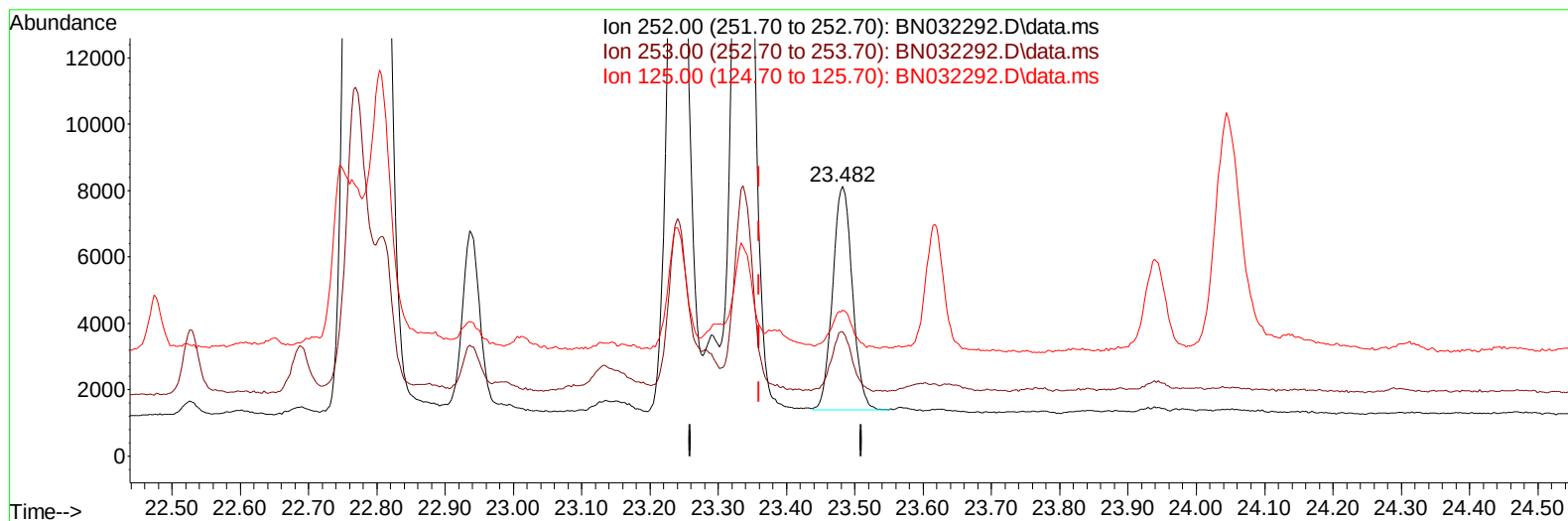
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032292.D
Acq On : 27 Jun 2024 22:31
Operator : MA/JU
Sample : P2909-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B46

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:14 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: BN032292.D\data.ms

(26) Benzo(a)pyrene (C)

23.482min (+ 0.123) 0.22 ng/u1

response 13538

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	46.18#
125.00	20.50	54.04#
0.00	0.00	0.00

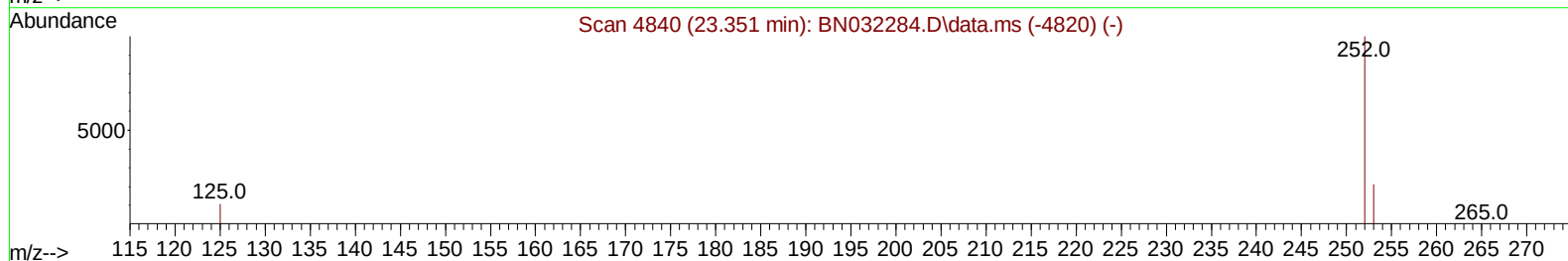
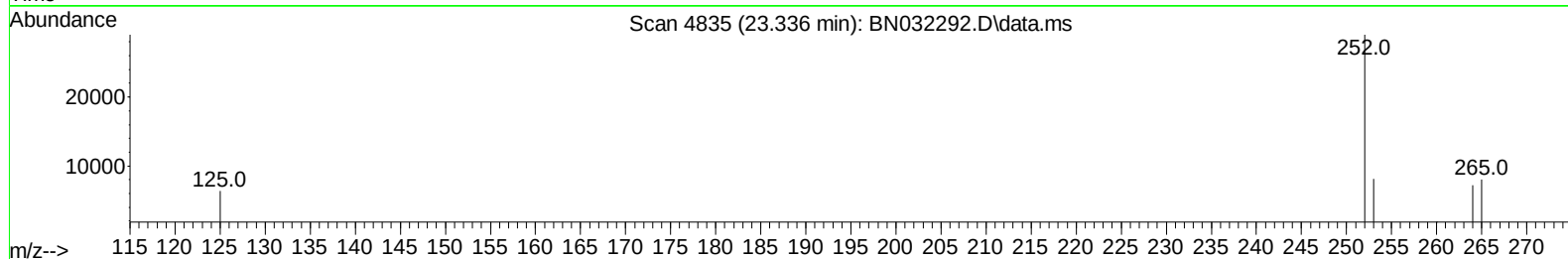
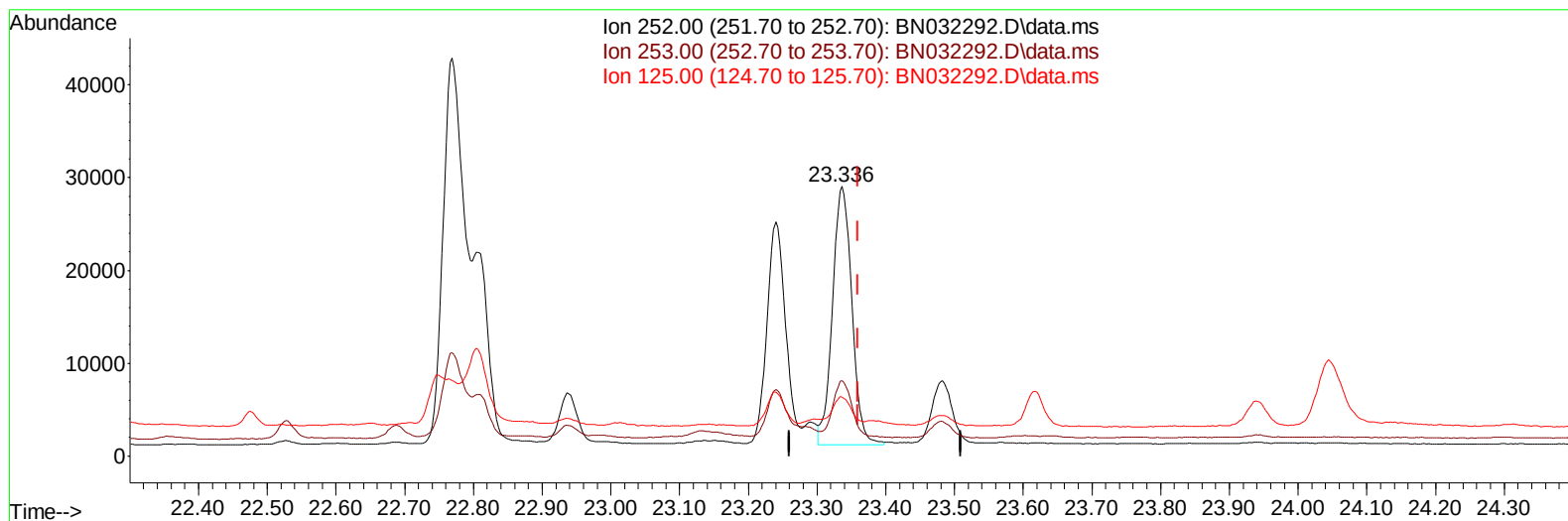
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032292.D
Acq On : 27 Jun 2024 22:31
Operator : MA/JU
Sample : P2909-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B46

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
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Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032292.D\data.ms

(26) Benzo(a)pyrene (C)

23.336min (-0.023) 0.87 ng/ul m

response 54368

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	28.03
125.00	20.50	21.80
0.00	0.00	0.00

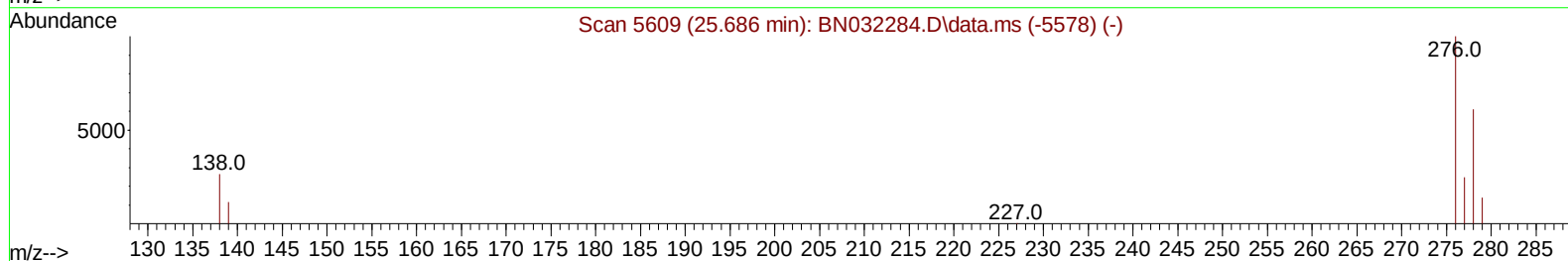
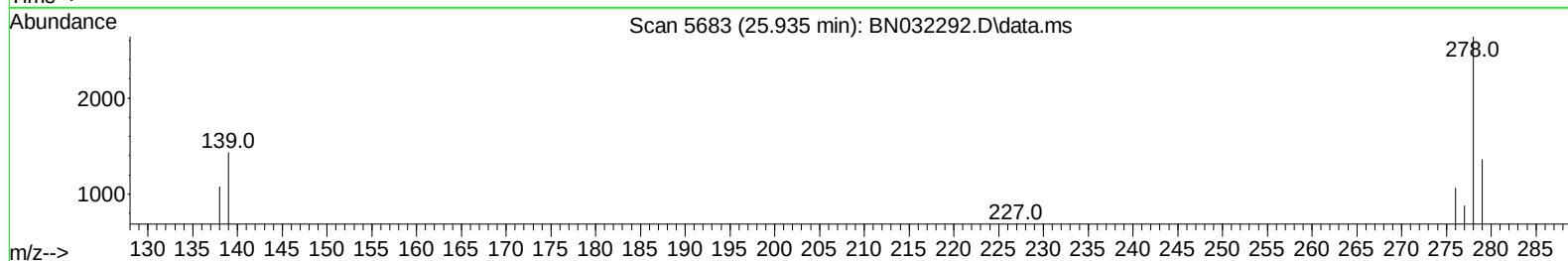
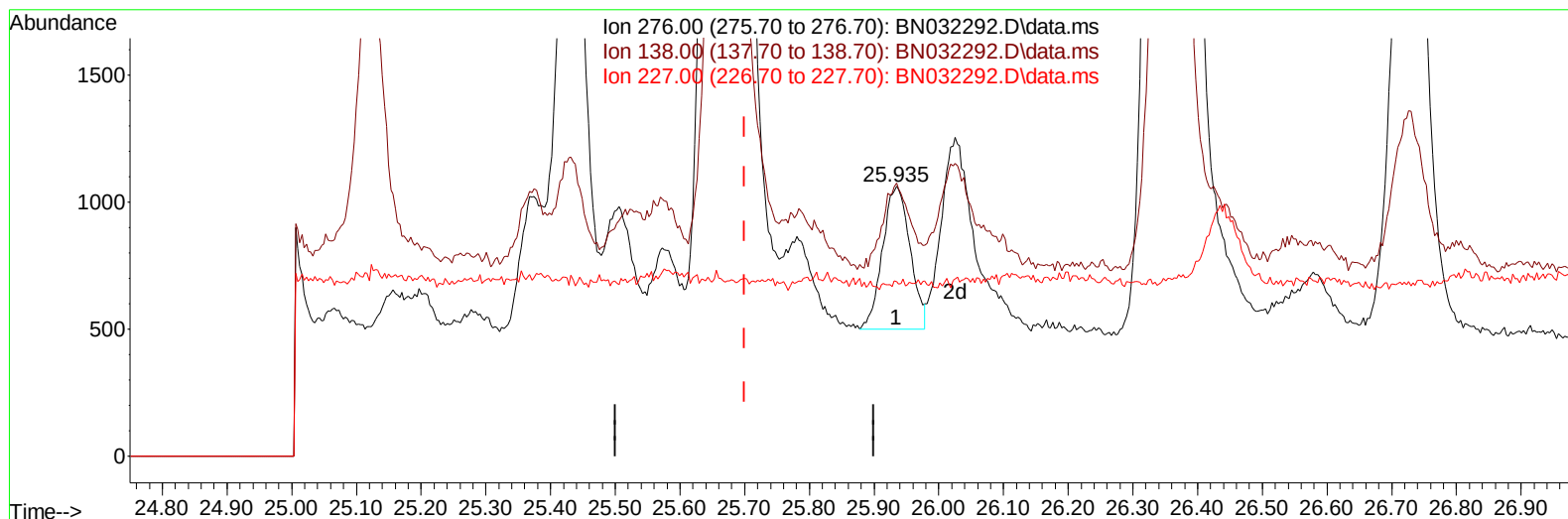
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032292.D
Acq On : 27 Jun 2024 22:31
Operator : MA/JU
Sample : P2909-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B46

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:14 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: BN032292.D\data.ms

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

25.935min (+ 0.235) 0.02 ng/u1

response 1675

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	62.15#
227.00	0.10	1.31#
0.00	0.00	0.00

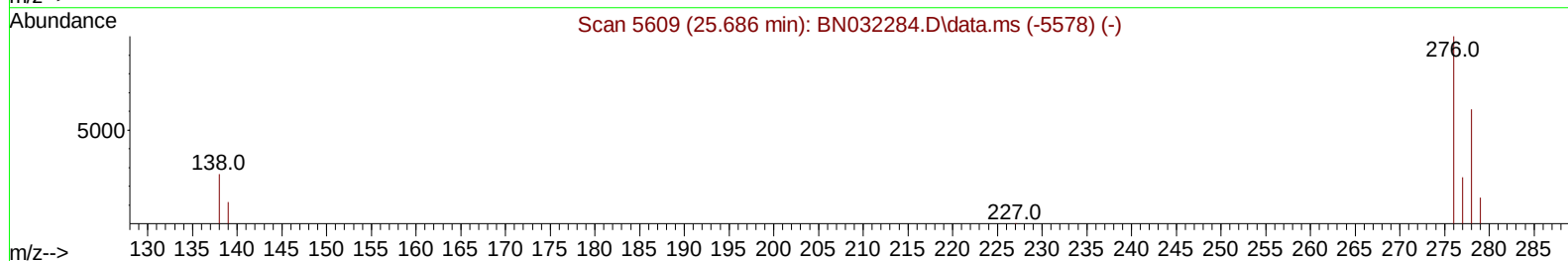
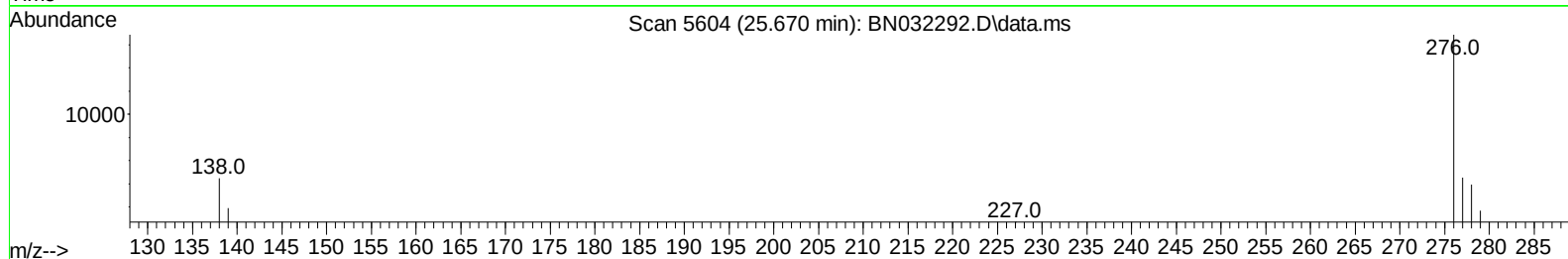
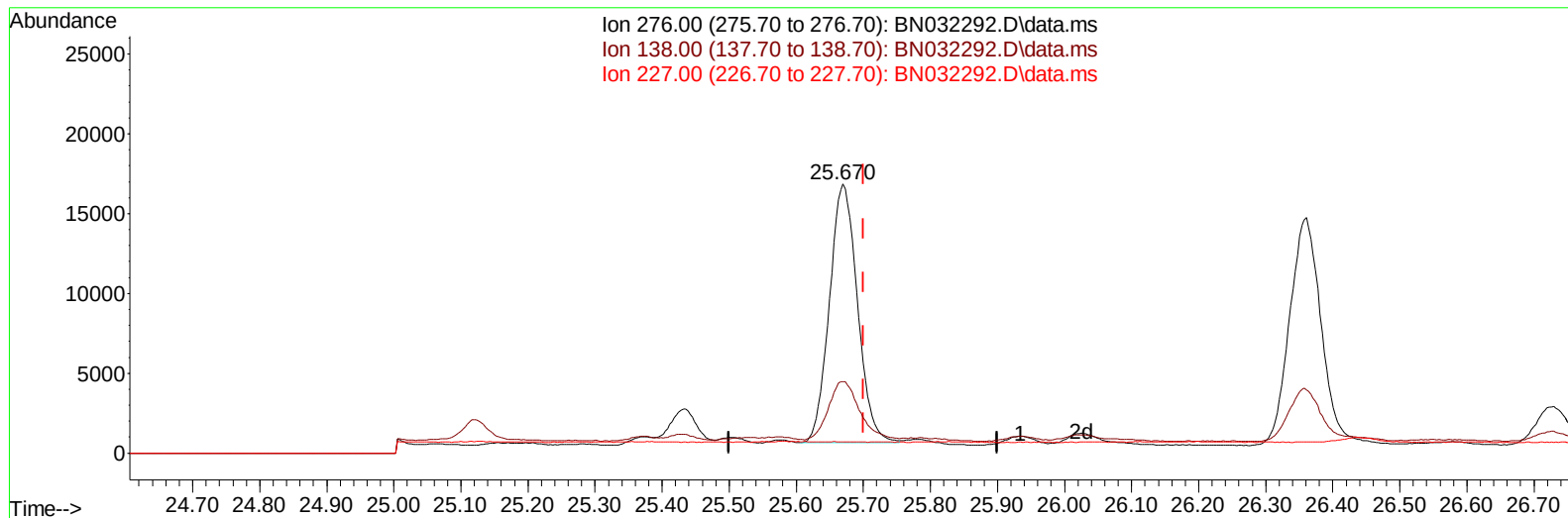
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032292.D
Acq On : 27 Jun 2024 22:31
Operator : MA/JU
Sample : P2909-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B46

Manual IntegrationsAPPROVED

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QLast Update : Thu Jun 27 13:23:38 2024
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Supervised By :mohammad ahmed 06/28/2024



TIC: BN032292.D\data.ms

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

25.670min (-0.030) 0.48 ng/ul m

response 47032

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	2.21#
227.00	0.10	0.05#
0.00	0.00	0.00

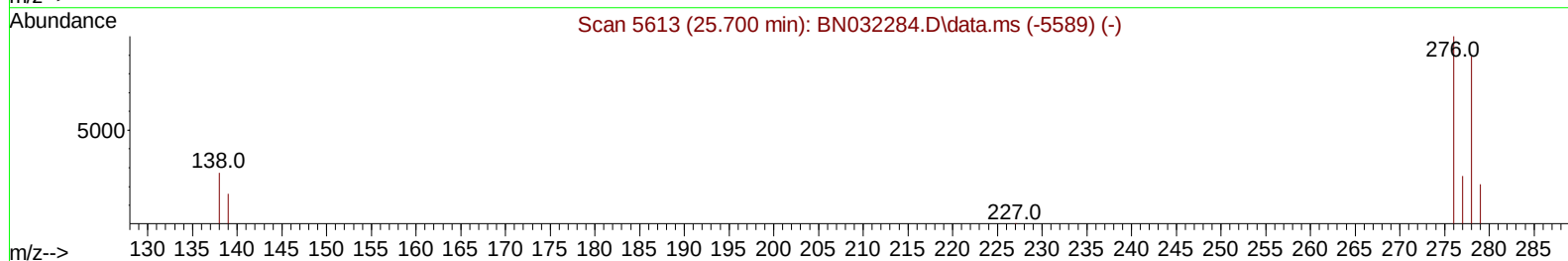
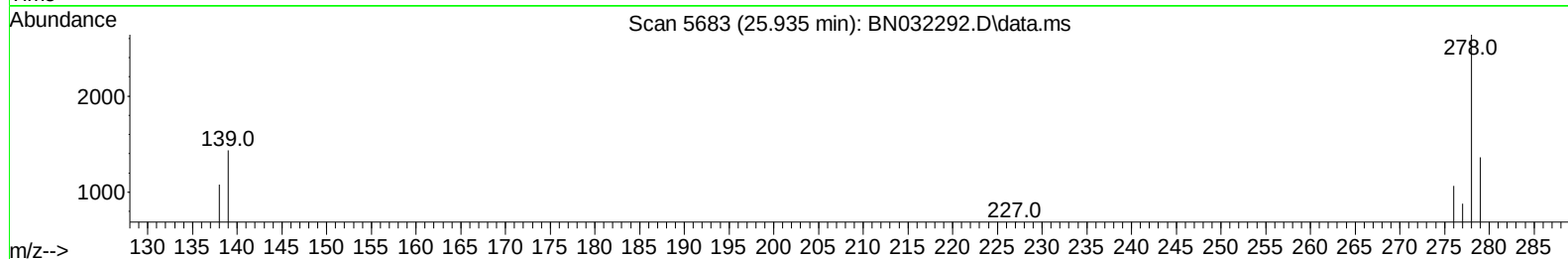
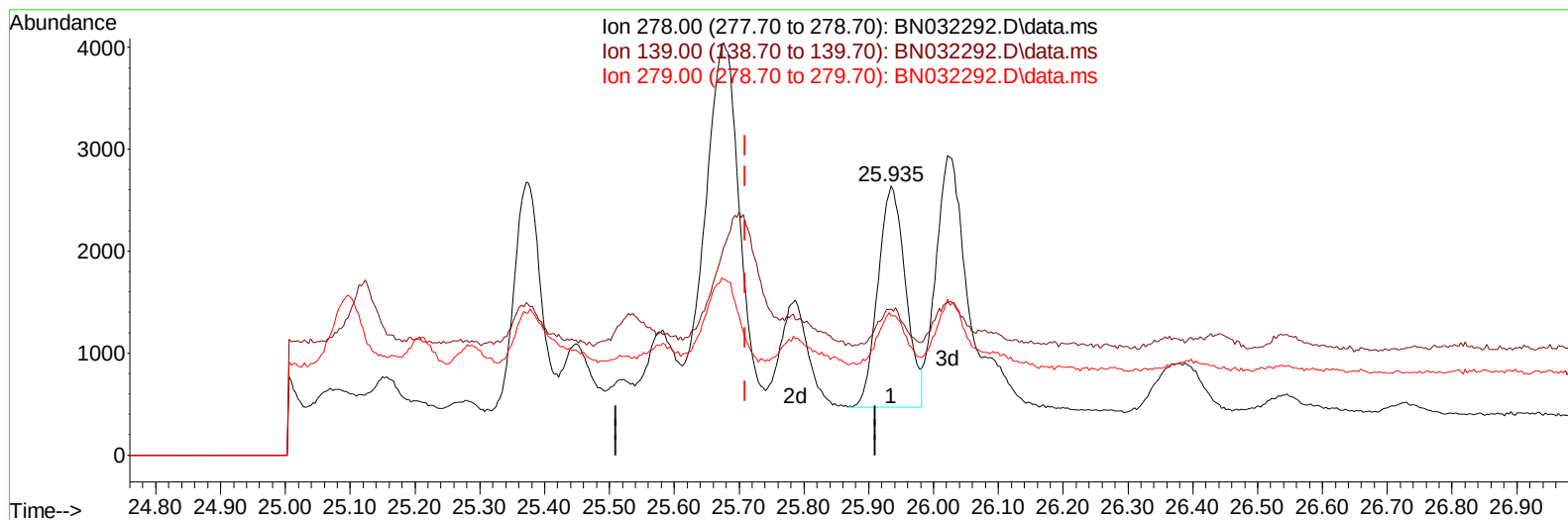
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032292.D
Acq On : 27 Jun 2024 22:31
Operator : MA/JU
Sample : P2909-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B46

Manual IntegrationsAPPROVED

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TIC: BN032292.D\data.ms

(28) Dibenzo(a,h)anthracene

25.935min (+ 0.225) 0.09 ng/u1

response 6471

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	54.28#
279.00	26.40	51.67#
0.00	0.00	0.00

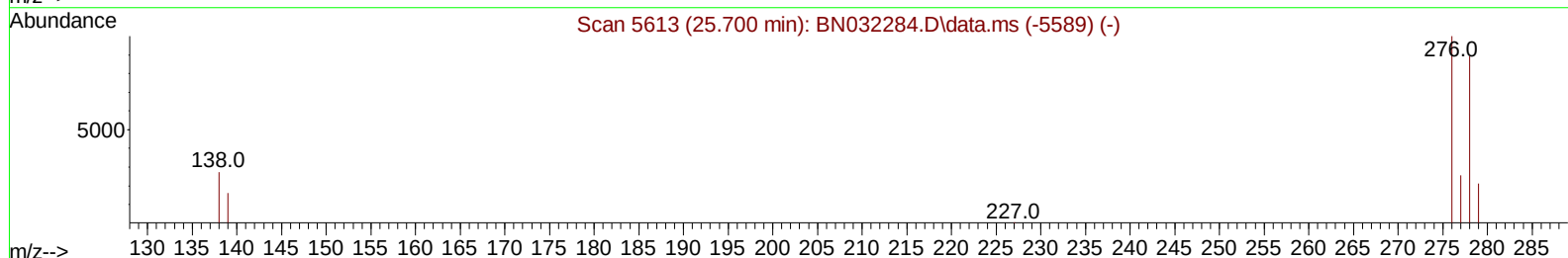
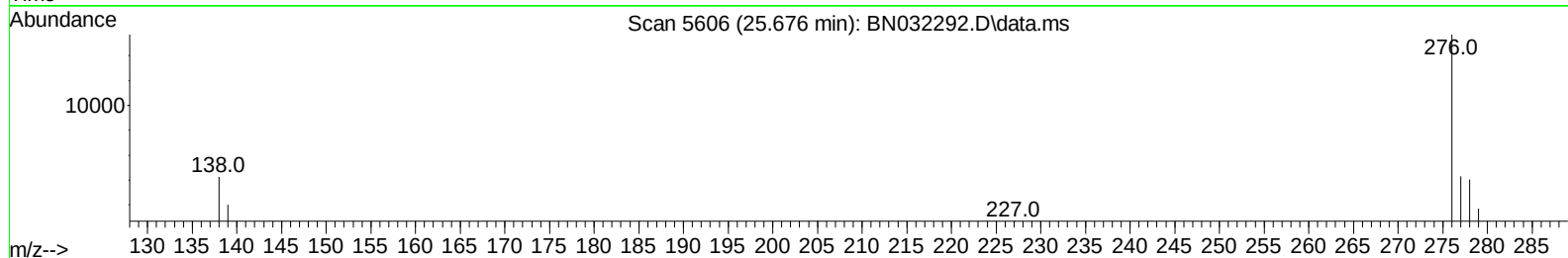
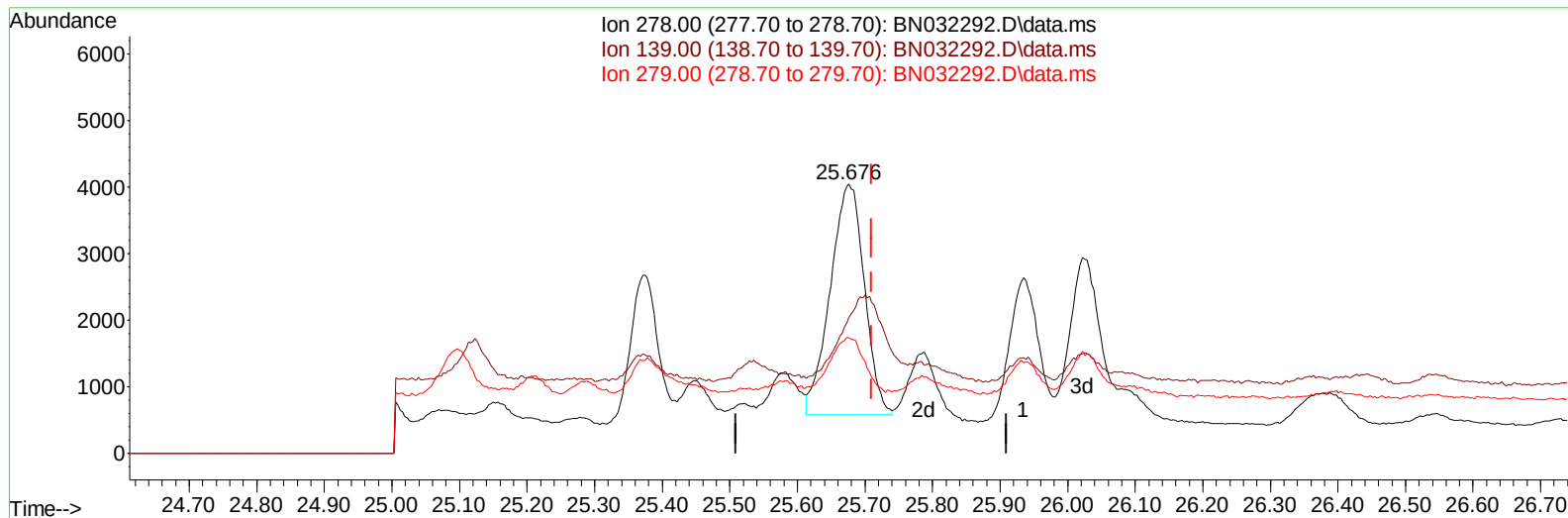
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032292.D
Acq On : 27 Jun 2024 22:31
Operator : MA/JU
Sample : P2909-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B46

Manual IntegrationsAPPROVED

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TIC: BN032292.D\data.ms

(28) Dibenzo(a,h)anthracene

25.676min (-0.034) 0.17 ng/ul m

response 12160

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	50.37#
279.00	26.40	42.71#
0.00	0.00	0.00

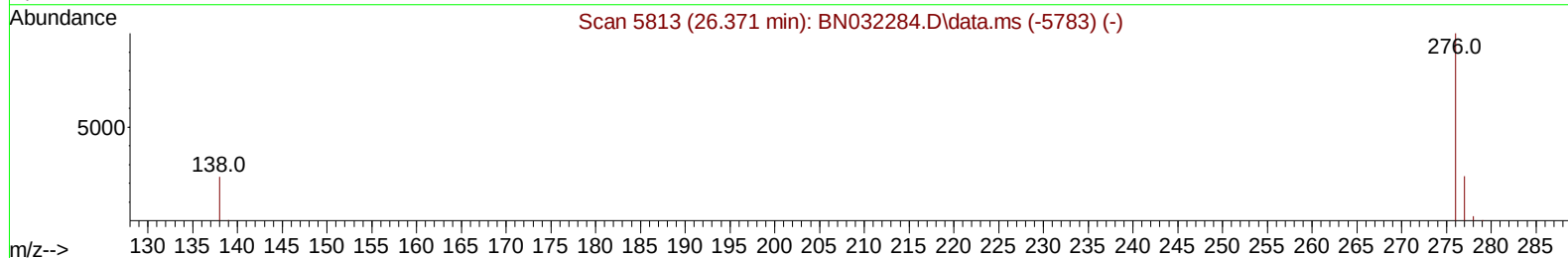
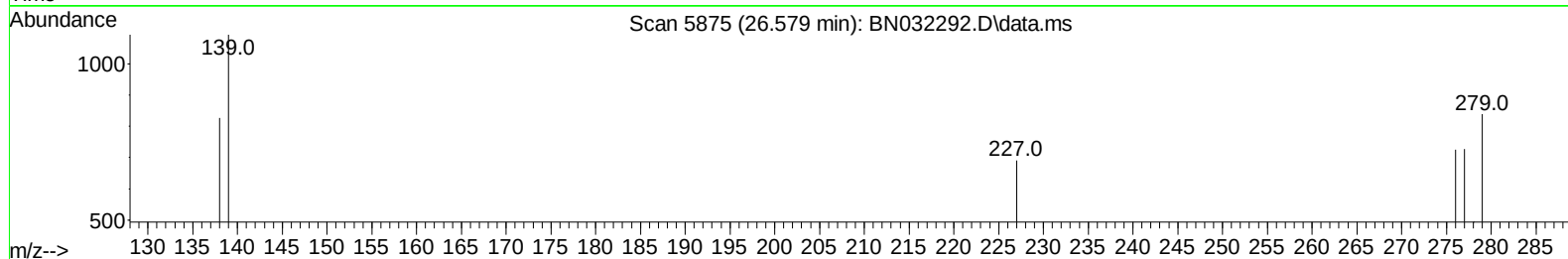
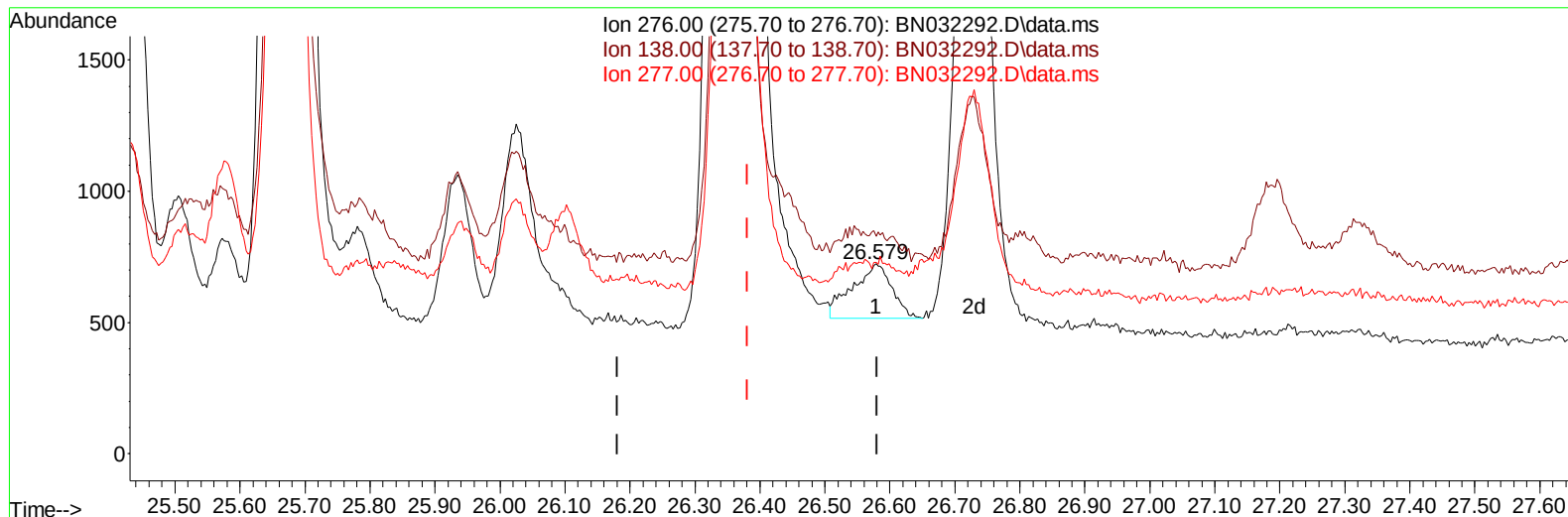
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032292.D
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Operator : MA/JU
Sample : P2909-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B46

Manual IntegrationsAPPROVED

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TIC: BN032292.D\data.ms

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

26.579min (+ 0.198) 0.01 ng/u1

response 875

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	114.21#
277.00	24.70	100.41#
0.00	0.00	0.00

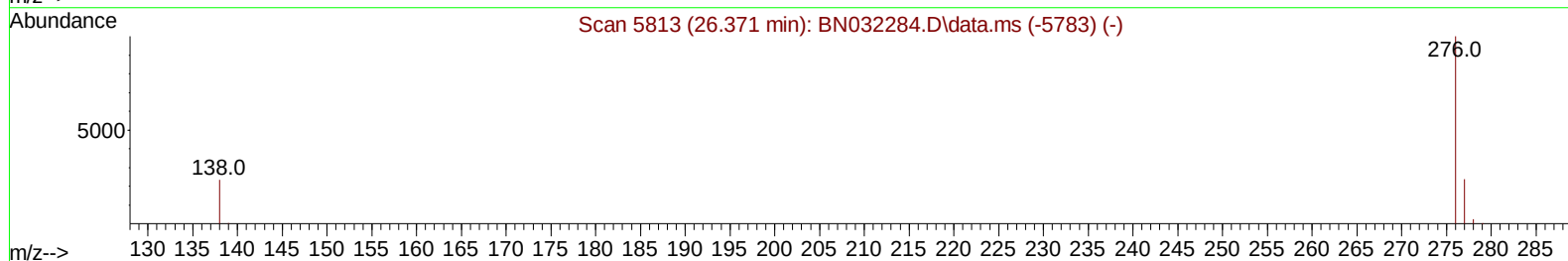
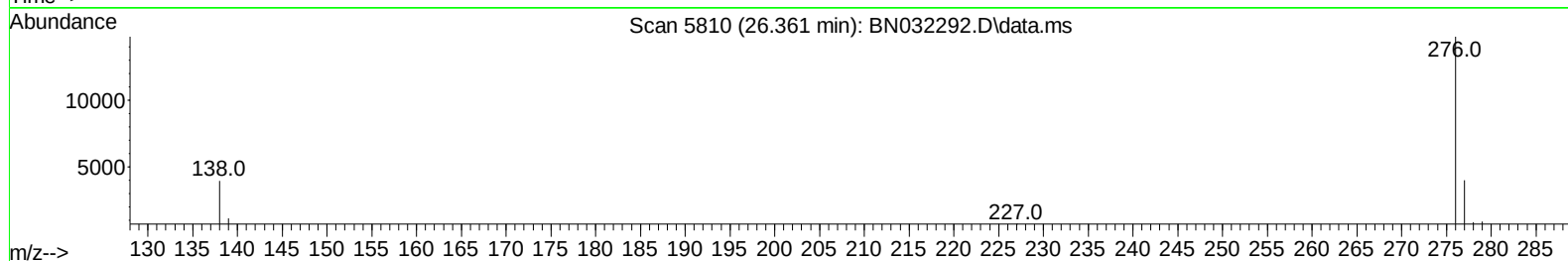
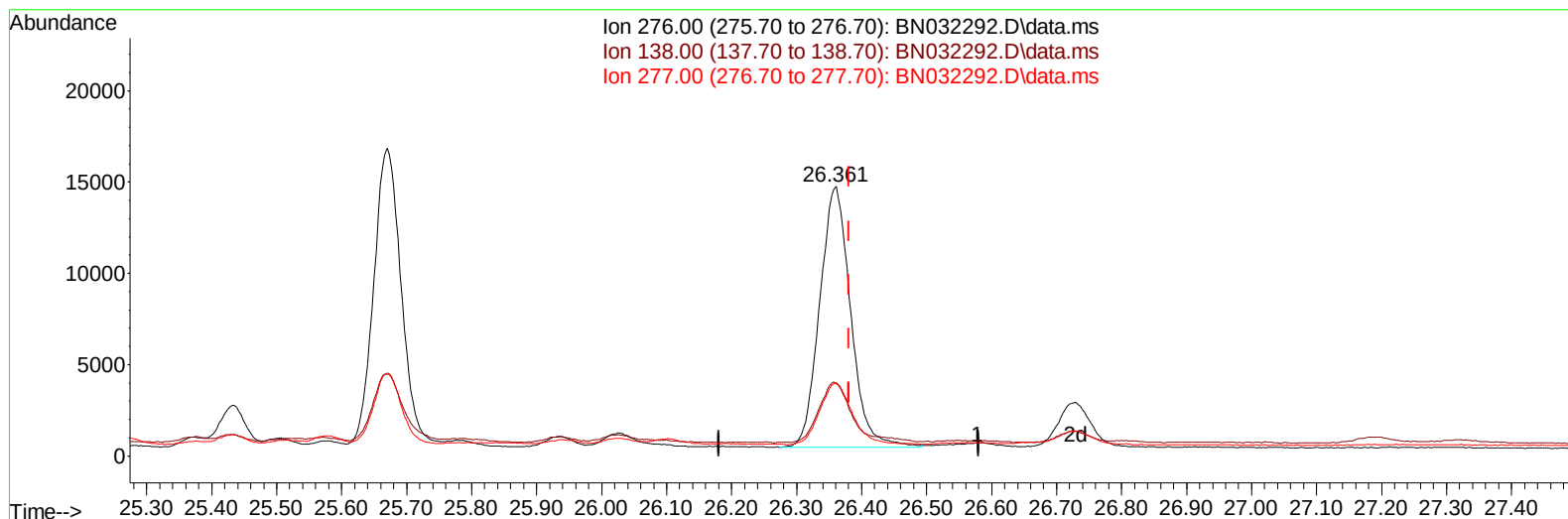
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032292.D
Acq On : 27 Jun 2024 22:31
Operator : MA/JU
Sample : P2909-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B46

Manual IntegrationsAPPROVED

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TIC: BN032292.D\data.ms

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

26.361min (-0.020) 0.61 ng/ul m

response 47367

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	26.76
277.00	24.70	27.14
0.00	0.00	0.00

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 Sample : P2909-22
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 06/28/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	9463	0.400	ng/ul	0.00
4) Naphthalene-d8	10.393	136	29464	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.262	164	16152	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.016	188	27292m	0.400	ng/ul	0.00
17) Chrysene-d12	21.217	240	19027m	0.400	ng/ul	0.00
23) Perylene-d12	23.433	264	20659m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	30972	2.945	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	9262	0.210	ng/ul	0.00
18) Fluoranthene-d10	19.055	212	14735m	0.257	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.442	128	2852	0.037	ng/ul#	87
10) Acenaphthylene	13.985	152	3983	0.059	ng/ul#	92
11) Acenaphthene	14.327	153	2219	0.043	ng/ul	97
12) Fluorene	15.317	166	2831	0.046	ng/ul#	98
15) Phenanthrene	17.058	178	53667m	0.717	ng/ul	
16) Anthracene	17.151	178	10918m	0.164	ng/ul	
19) Fluoranthene	19.083	202	122418m	1.690	ng/ul	
20) Pyrene	19.450	202	105169m	1.389	ng/ul	
21) Benzo(a)anthracene	21.200	228	48238m	0.702	ng/ul	
22) Chrysene	21.252	228	61341m	0.814	ng/ul	
24) Benzo(b)fluoranthene	22.769	252	92456m	1.030	ng/ul	
25) Benzo(k)fluoranthene	22.804	252	31319m	0.359	ng/ul	
26) Benzo(a)pyrene	23.336	252	54368m	0.871	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.670	276	47032m	0.481	ng/ul	
28) Dibenzo(a,h)anthracene	25.676	278	12160m	0.167	ng/ul	
29) Benzo(g,h,i)perylene	26.361	276	47367m	0.608	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
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Misc :
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Instrument :
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