

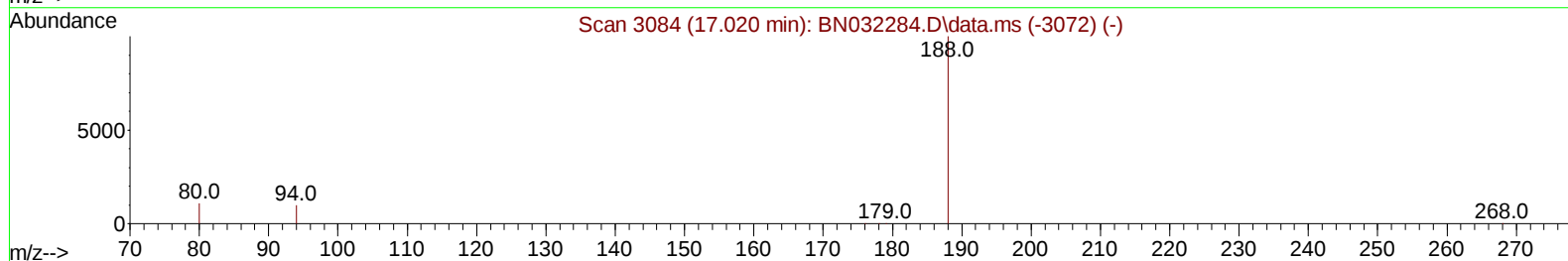
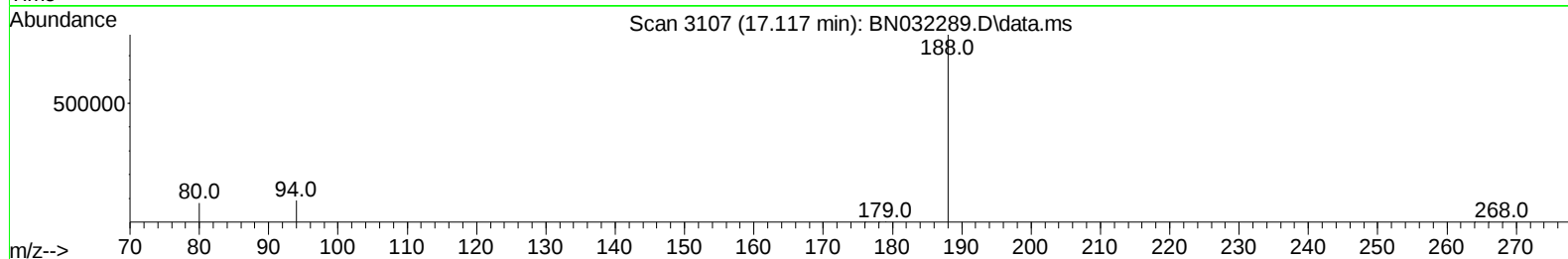
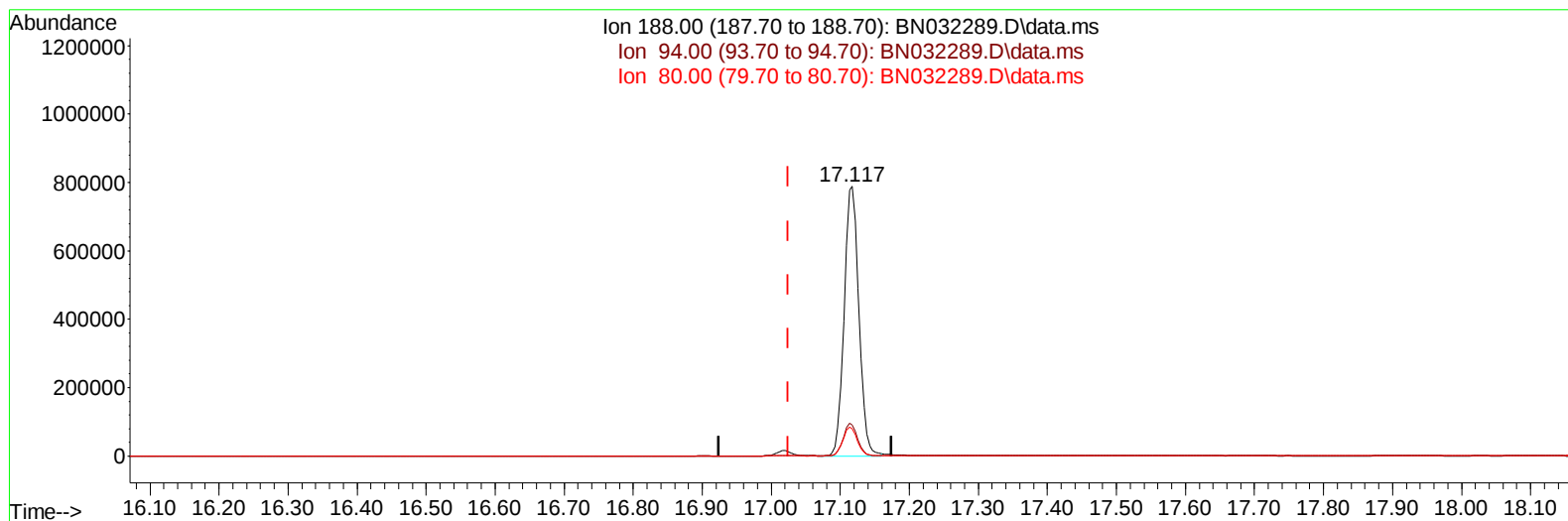
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
 Data File : BN032289.D
 Acq On : 27 Jun 2024 20:42
 Operator : MA/JU
 Sample : P2909-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B81

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:42 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 06/28/2024
 Supervised By :mohammad ahmed 06/28/2024



TIC: BN032289.D\data.ms

(13) Phenanthrene-d10 (I)

17.117min (+ 0.093) 0.40 ng/u1

response 1174039

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.41
80.00	10.50	10.04
0.00	0.00	0.00

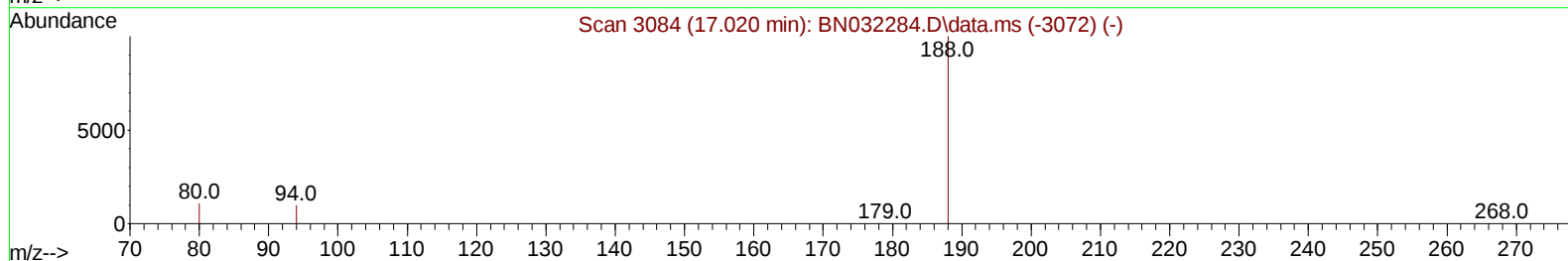
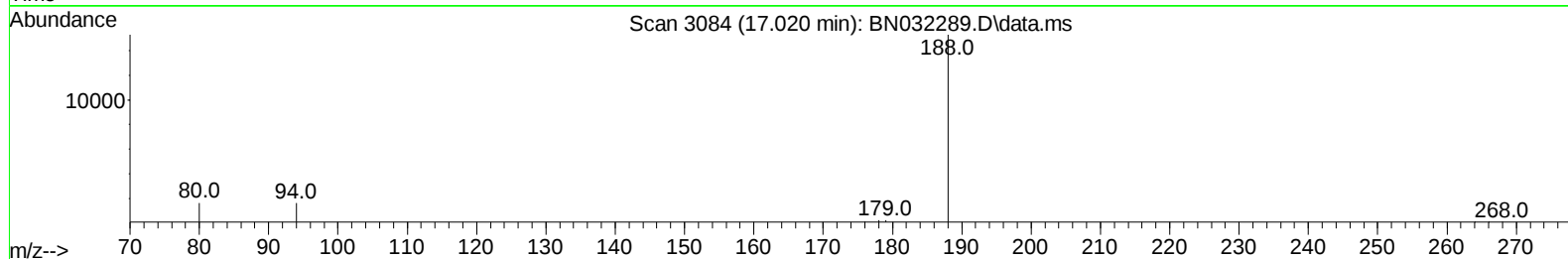
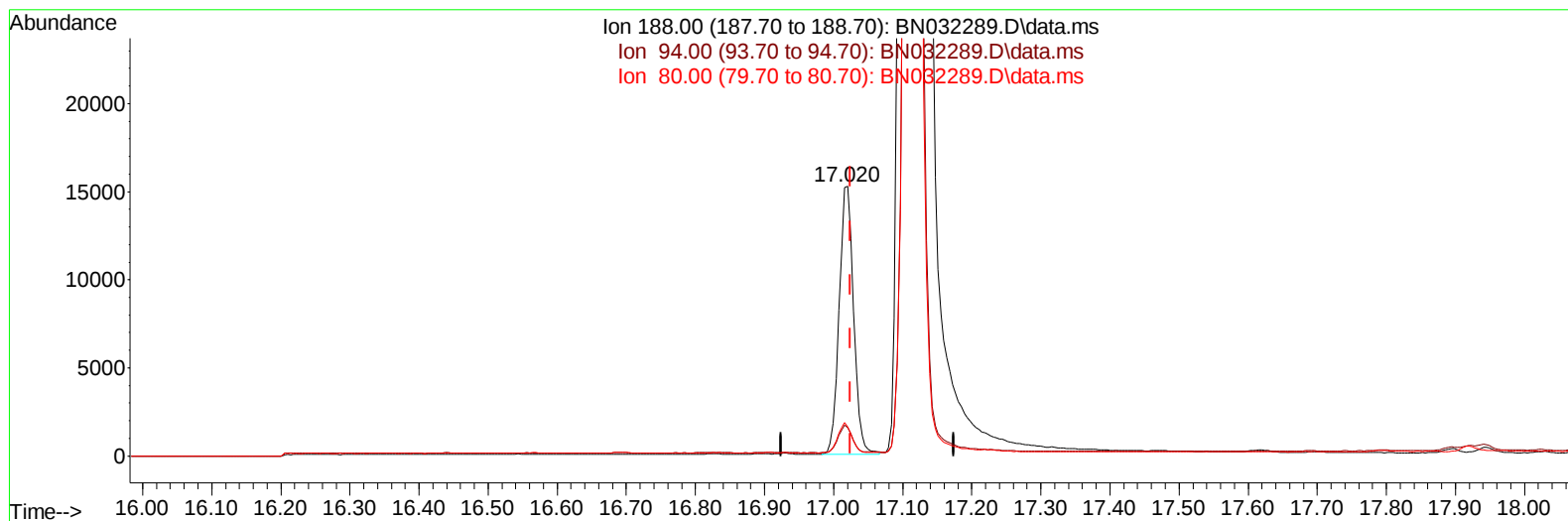
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032289.D
Acq On : 27 Jun 2024 20:42
Operator : MA/JU
Sample : P2909-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B81

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:42 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 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032289.D\data.ms

(13) Phenanthrene-d10 (I)

17.020min (-0.004) 0.40 ng/ul m

response 22110

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	10.52
80.00	10.50	10.71
0.00	0.00	0.00

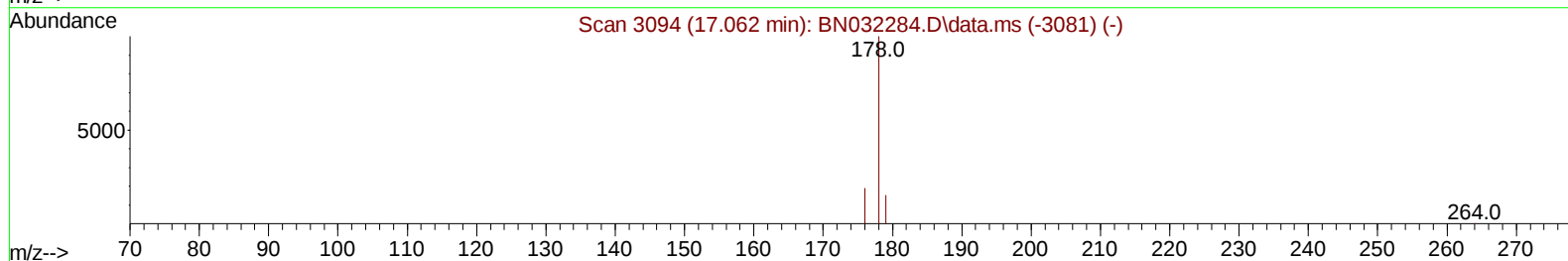
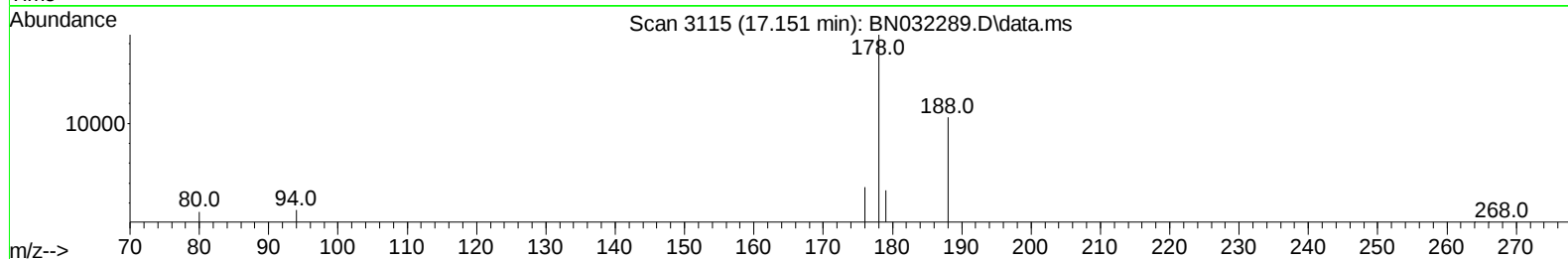
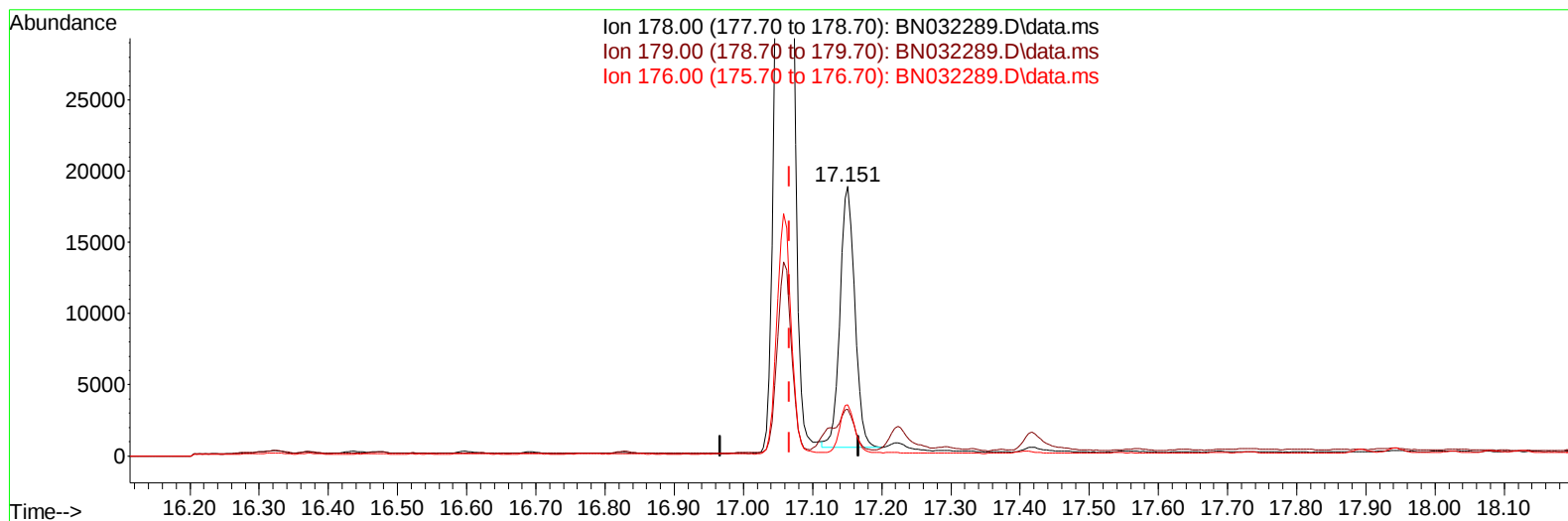
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
 Data File : BN032289.D
 Acq On : 27 Jun 2024 20:42
 Operator : MA/JU
 Sample : P2909-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B81

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:42 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BN032289.D\data.ms

(15) Phenanthrene

17.151min (+ 0.084) 0.45 ng/u1

response 27299

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	17.35
176.00	19.50	18.95
0.00	0.00	0.00

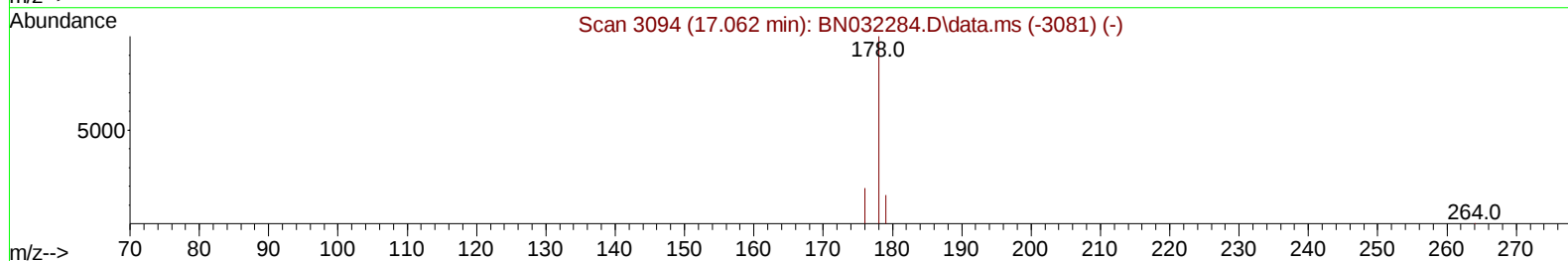
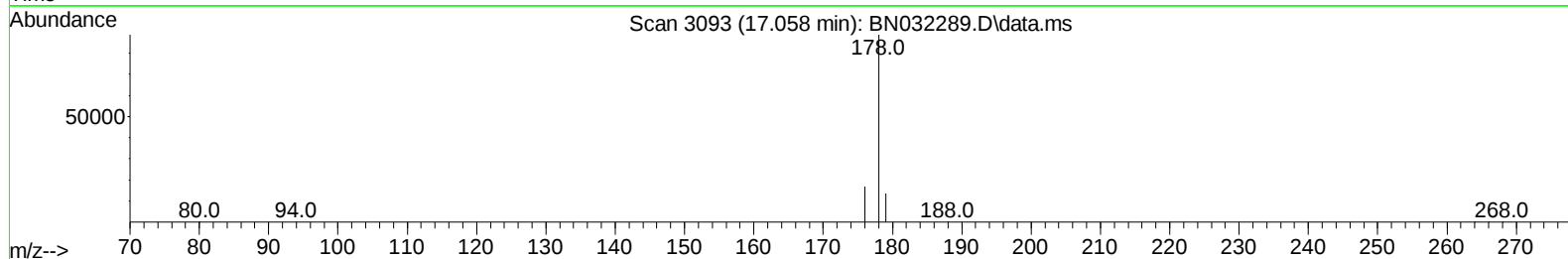
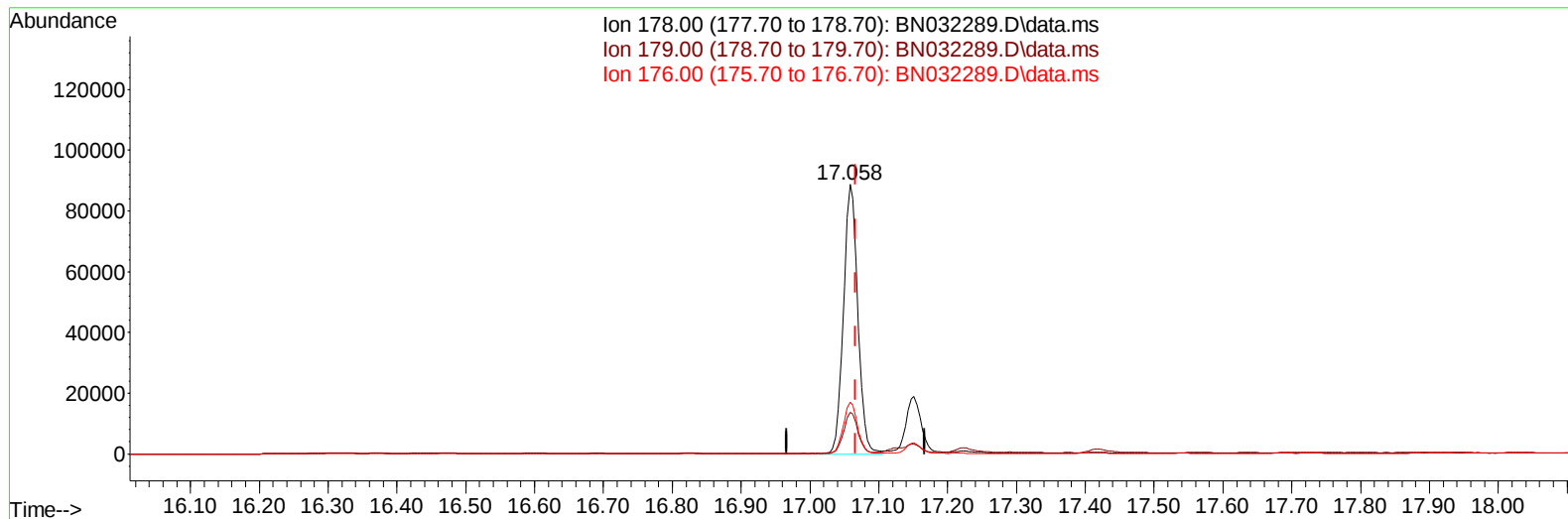
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032289.D
Acq On : 27 Jun 2024 20:42
Operator : MA/JU
Sample : P2909-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B81

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:42 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 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032289.D\data.ms

(15) Phenanthrene

17.058min (-0.008) 2.12 ng/u1 m

response 128558

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.38
176.00	19.50	19.18
0.00	0.00	0.00

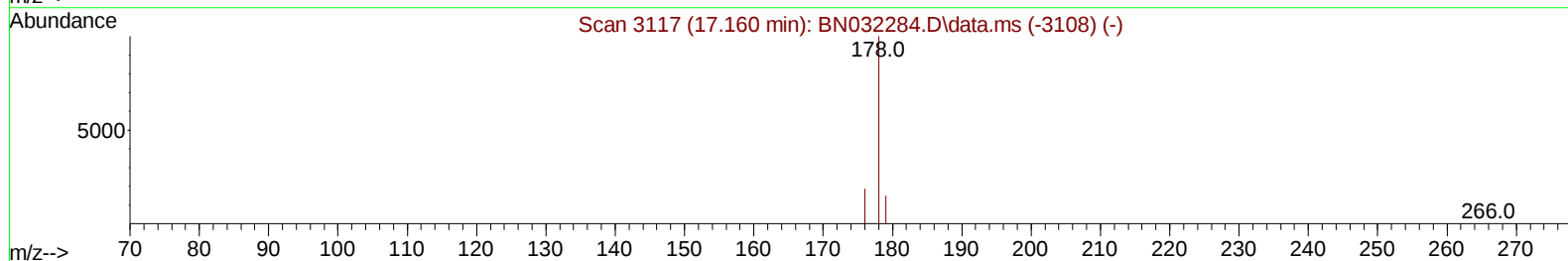
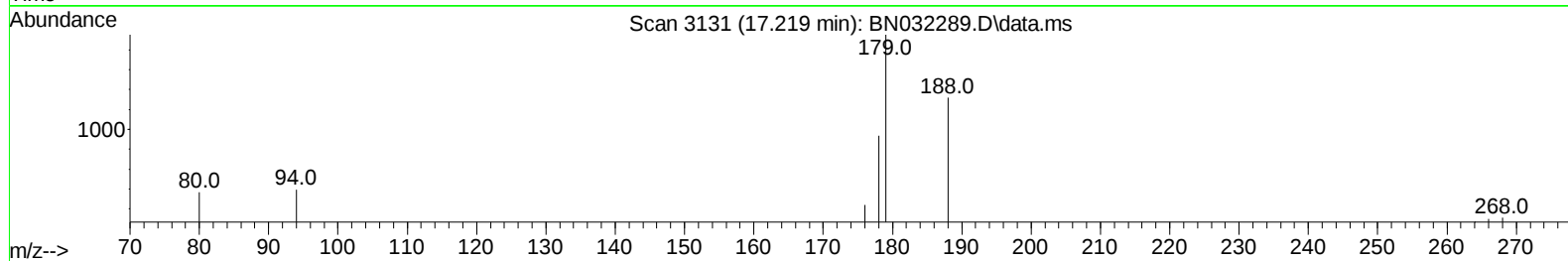
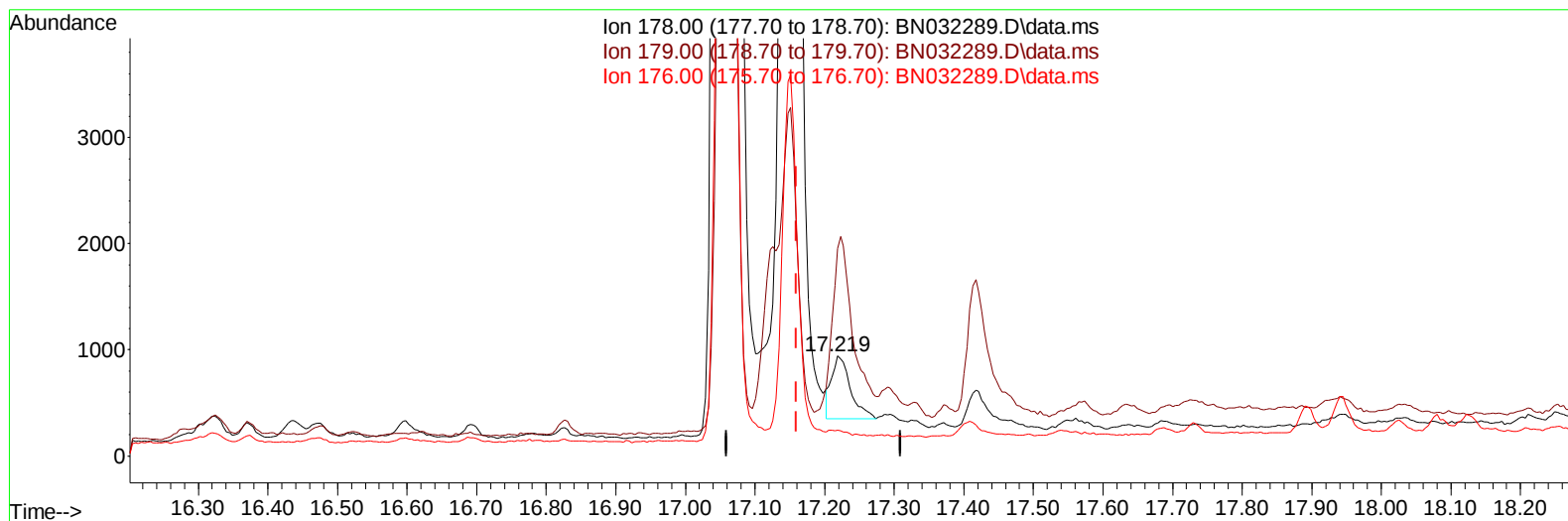
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032289.D
Acq On : 27 Jun 2024 20:42
Operator : MA/JU
Sample : P2909-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B81

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:42 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: BN032289.D\data.ms

(16) Anthracene

17.219min (+ 0.059) 0.02 ng/u1

response 1138

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	207.55#
176.00	18.80	25.74#
0.00	0.00	0.00

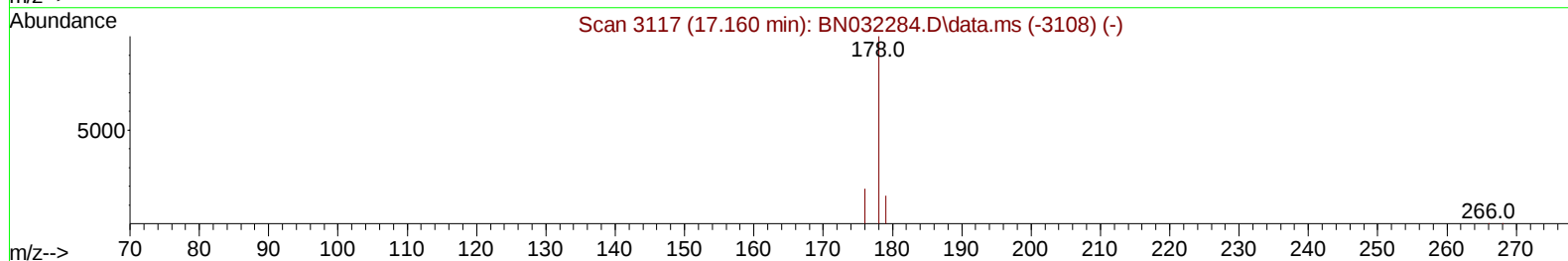
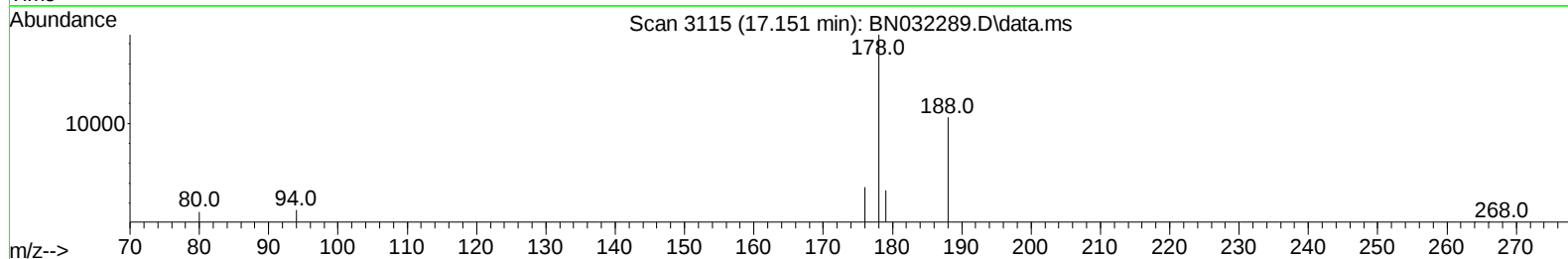
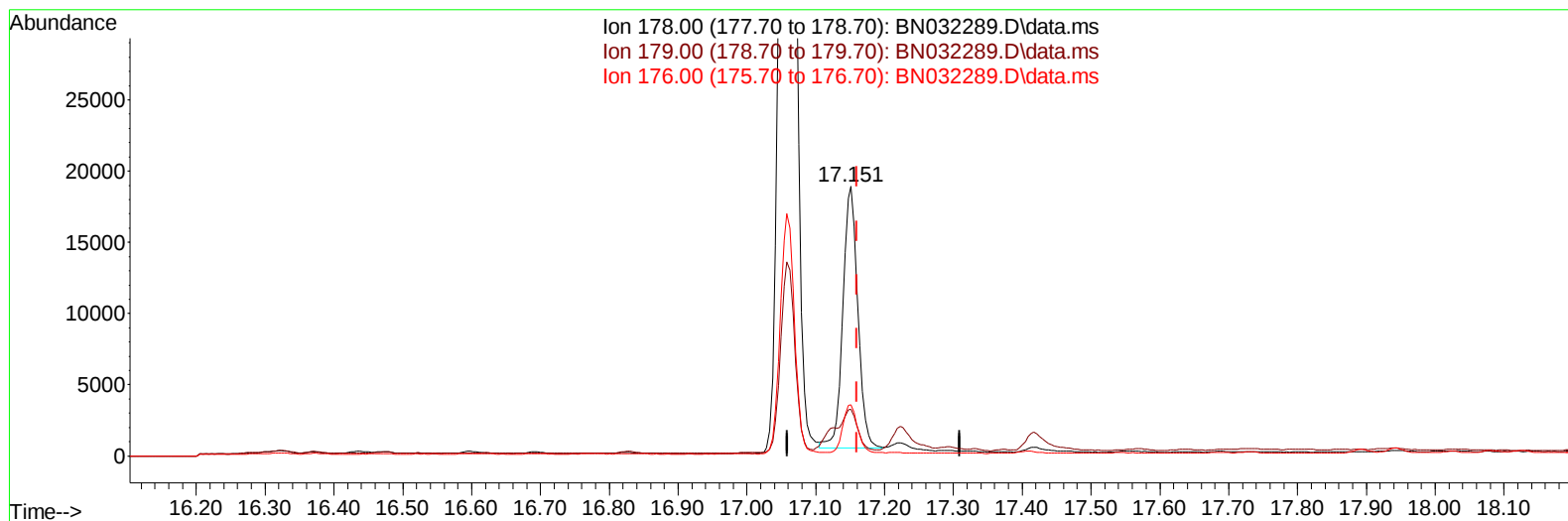
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032289.D
Acq On : 27 Jun 2024 20:42
Operator : MA/JU
Sample : P2909-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B81

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:42 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 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032289.D\data.ms

(16) Anthracene

17.151min (-0.008) 0.51 ng/u1 m

response 27778

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	17.35
176.00	18.80	18.95
0.00	0.00	0.00

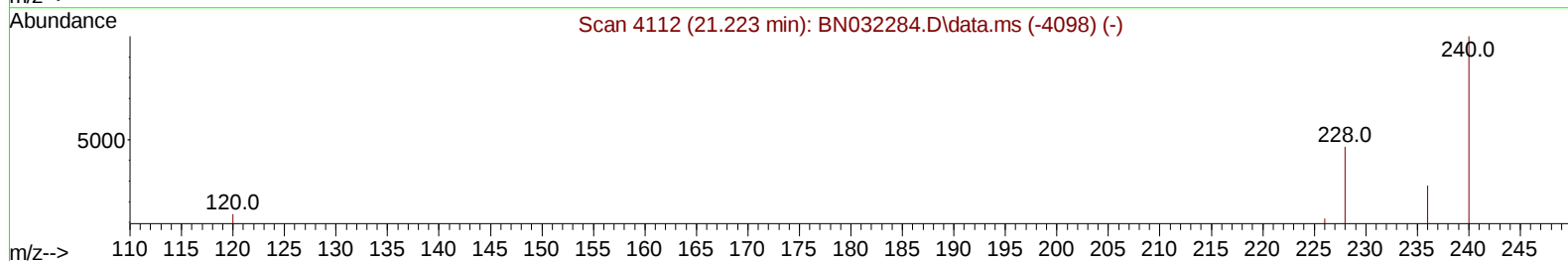
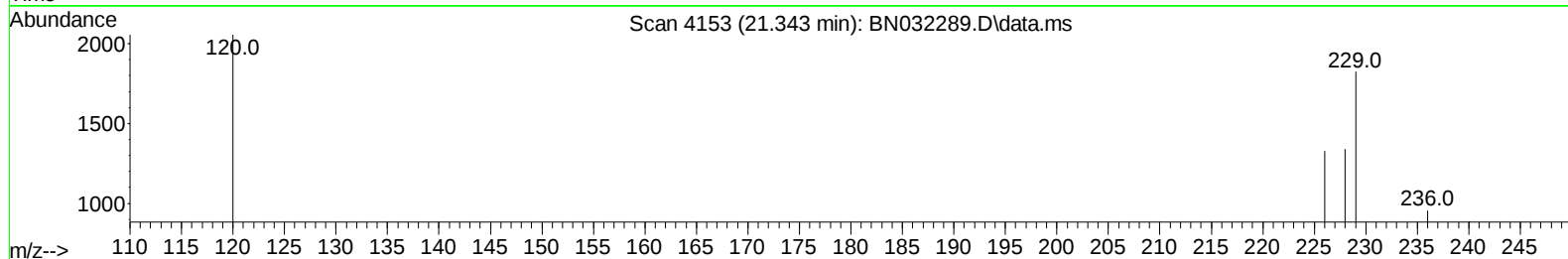
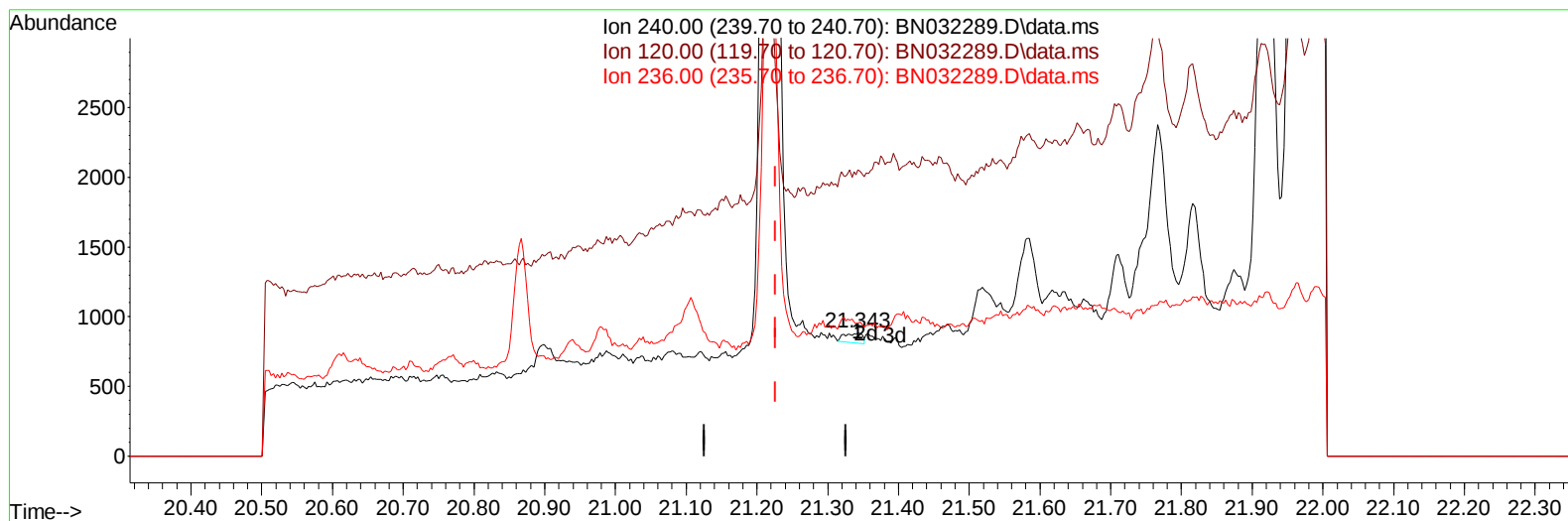
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032289.D
Acq On : 27 Jun 2024 20:42
Operator : MA/JU
Sample : P2909-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B81

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:42 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
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Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032289.D\data.ms

(17) Chrysene-d12

21.343min (+ 0.117) 0.40 ng/u1

response 122

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	232.84#
236.00	28.40	108.27#
0.00	0.00	0.00

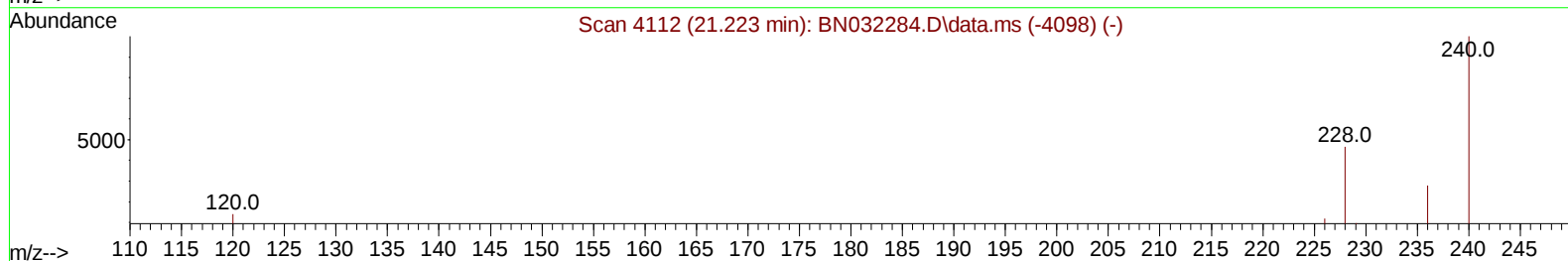
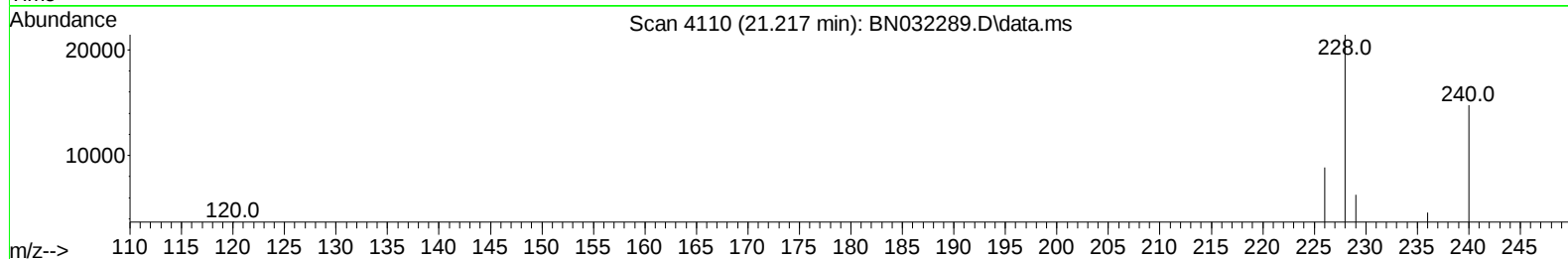
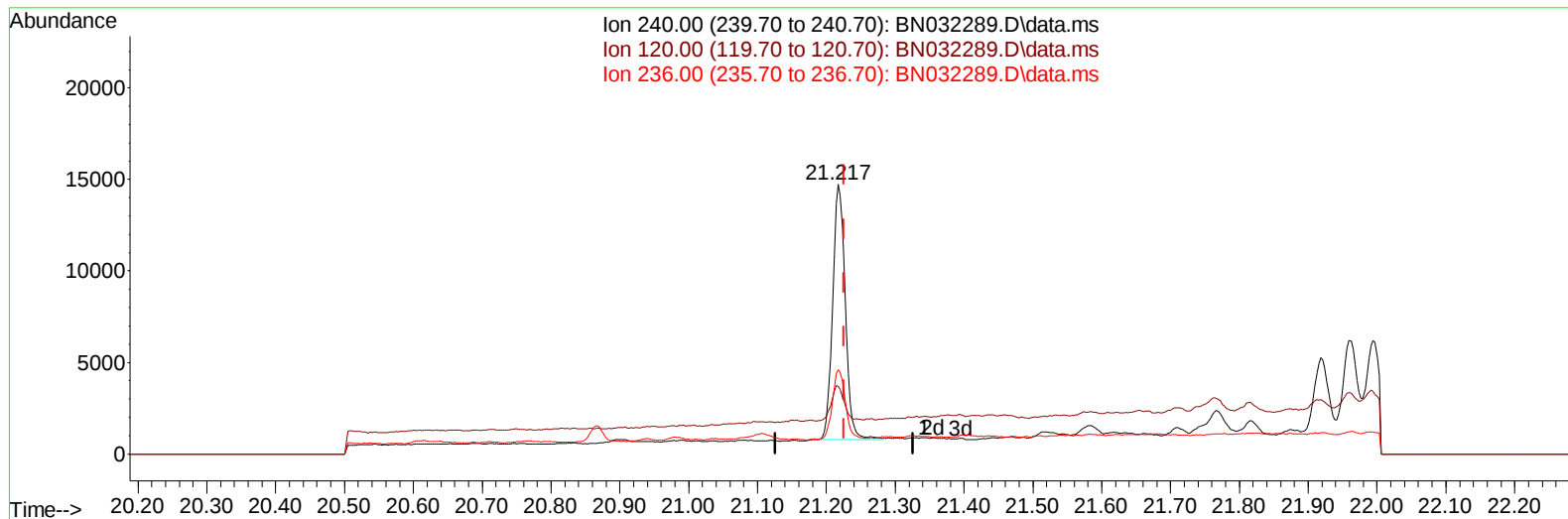
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032289.D
Acq On : 27 Jun 2024 20:42
Operator : MA/JU
Sample : P2909-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B81

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:42 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 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032289.D\data.ms

(17) Chrysene-d12

21.217min (-0.009) 0.40 ng/u1 m

response 17862

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	25.05#
236.00	28.40	31.33
0.00	0.00	0.00

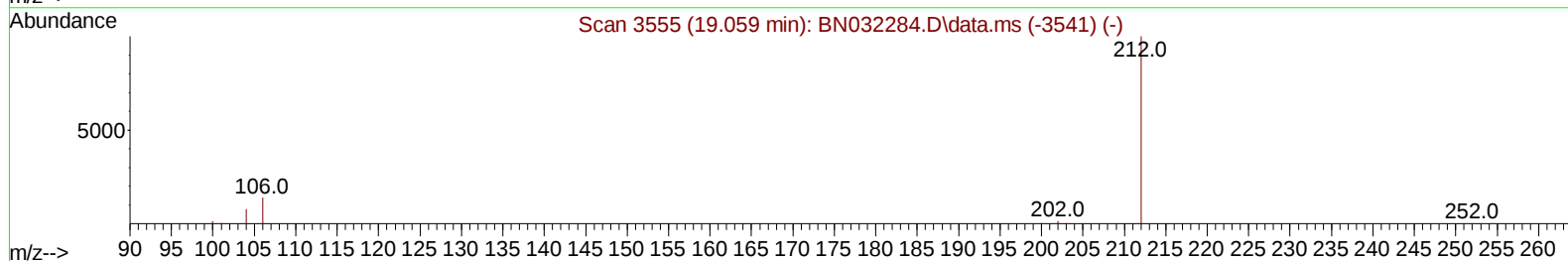
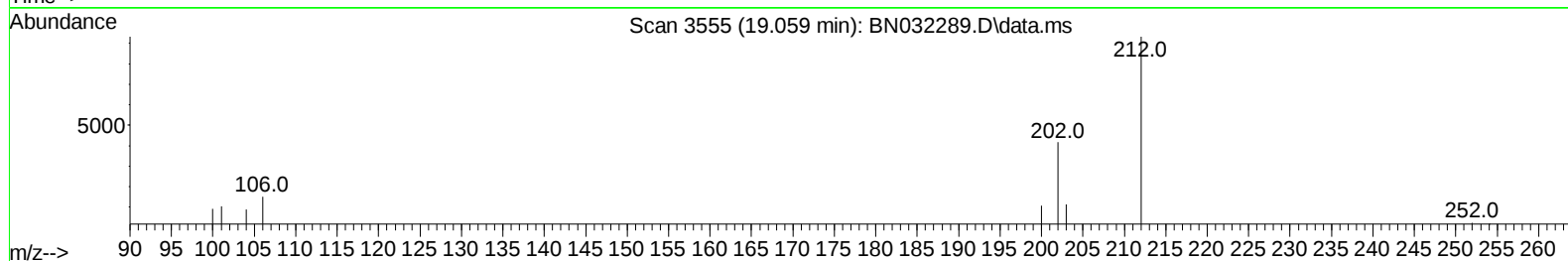
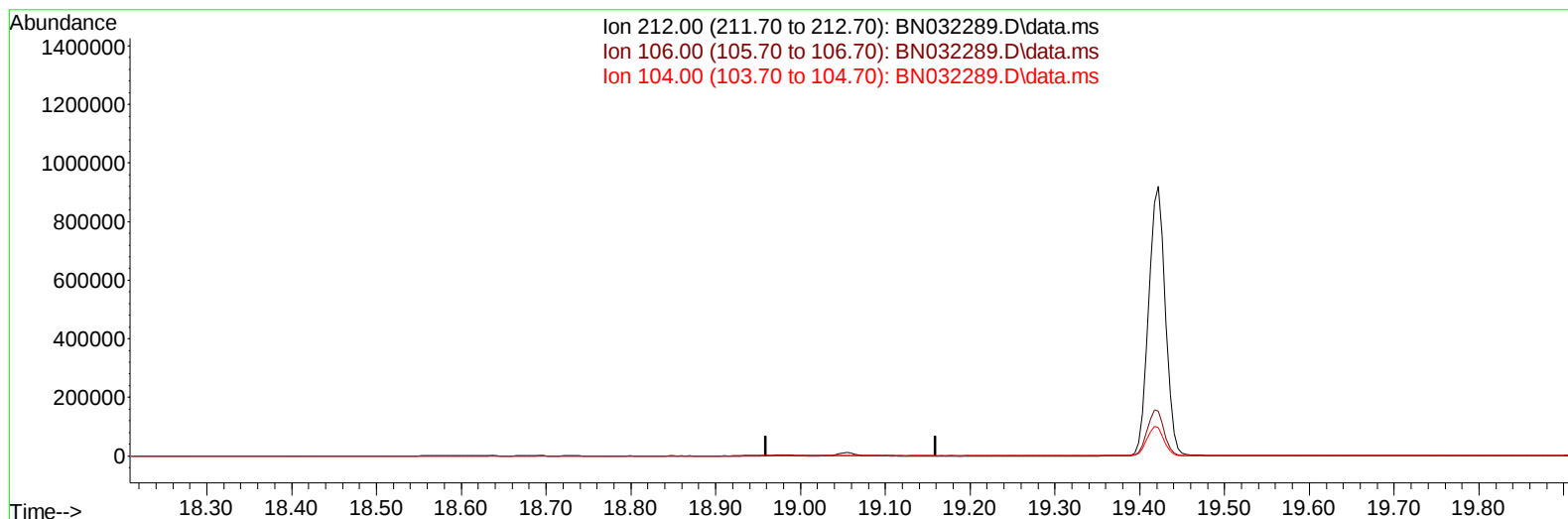
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032289.D
Acq On : 27 Jun 2024 20:42
Operator : MA/JU
Sample : P2909-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B81

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:42 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: BN032289.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

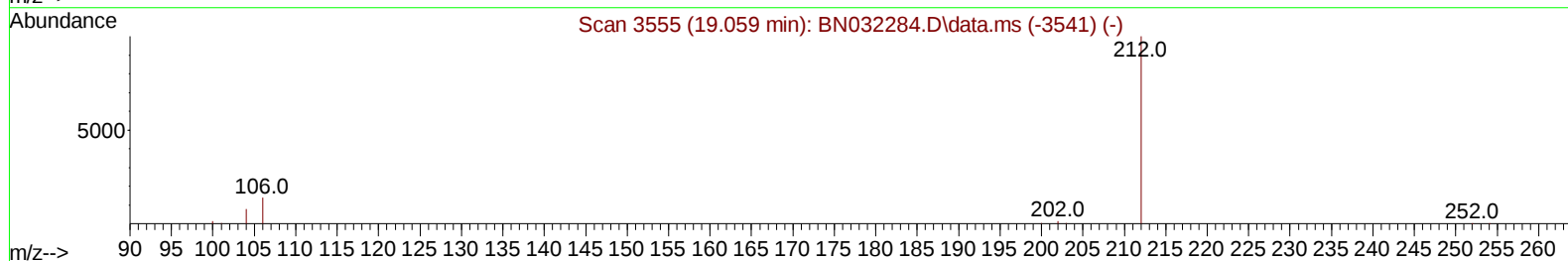
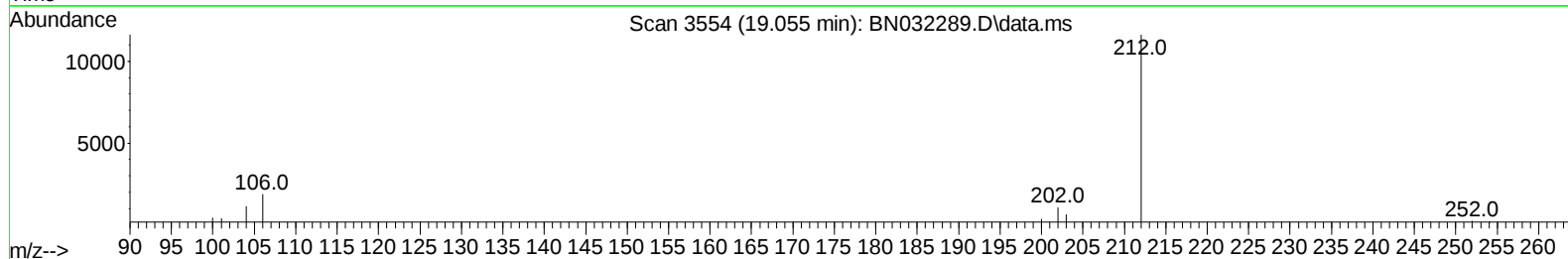
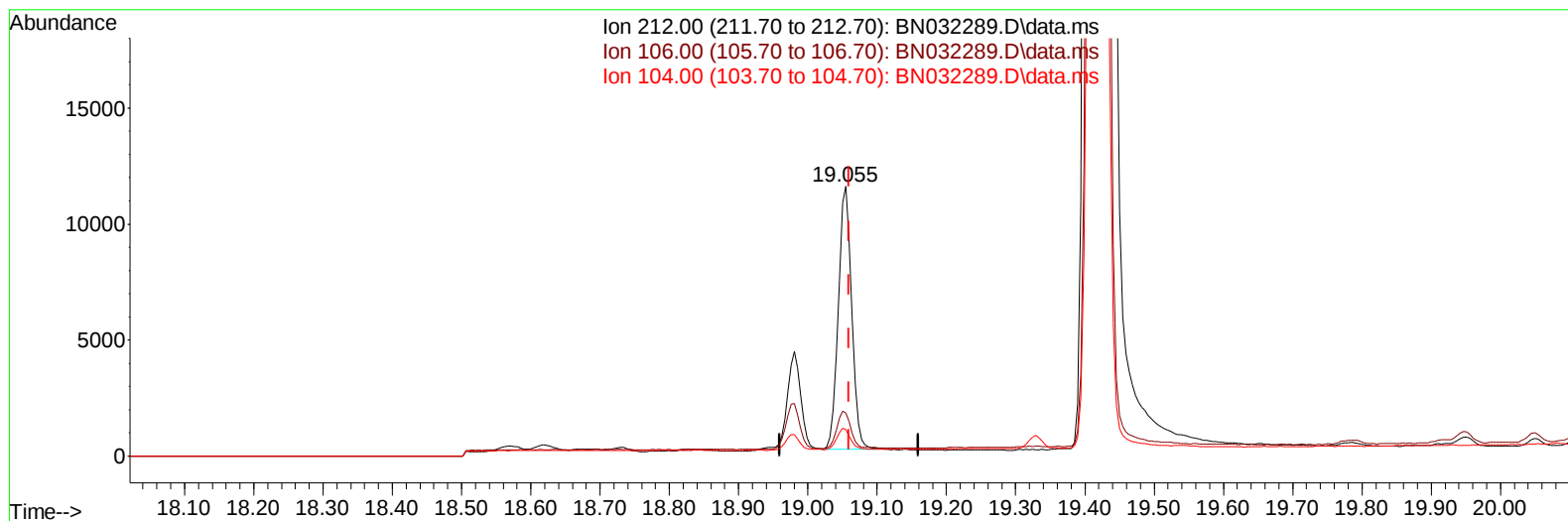
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032289.D
Acq On : 27 Jun 2024 20:42
Operator : MA/JU
Sample : P2909-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B81

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:42 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 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032289.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.055min (-0.005) 0.29 ng/u1 m

response 15416

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

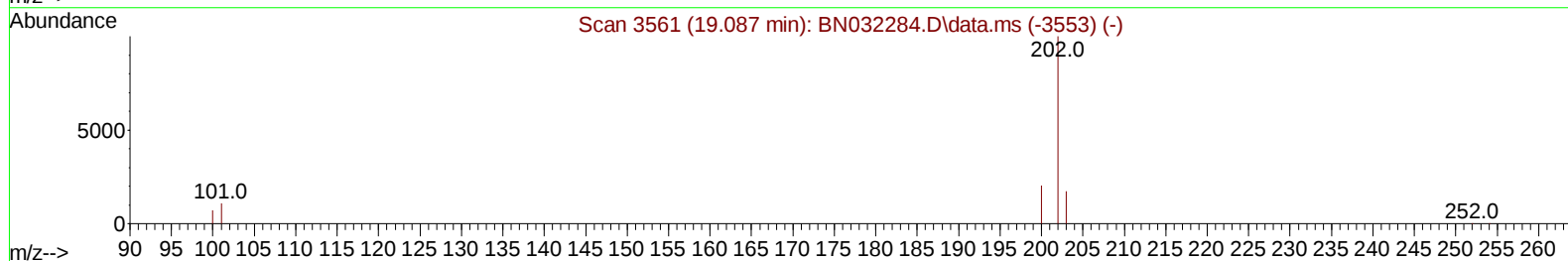
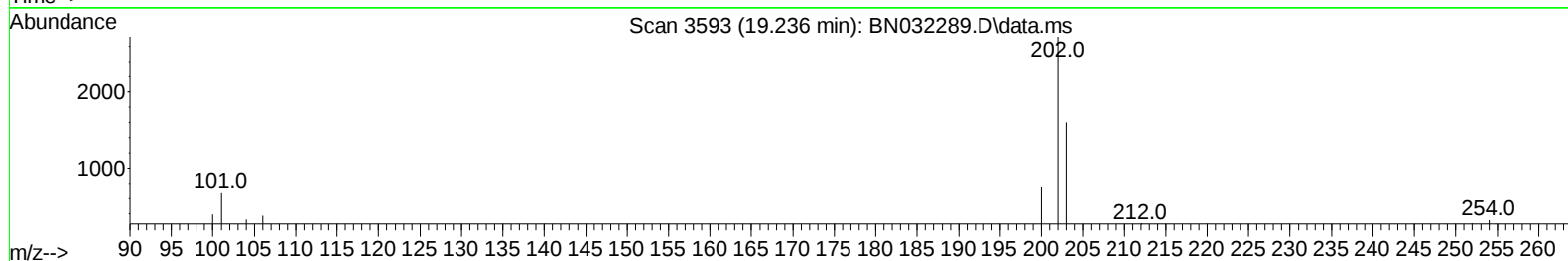
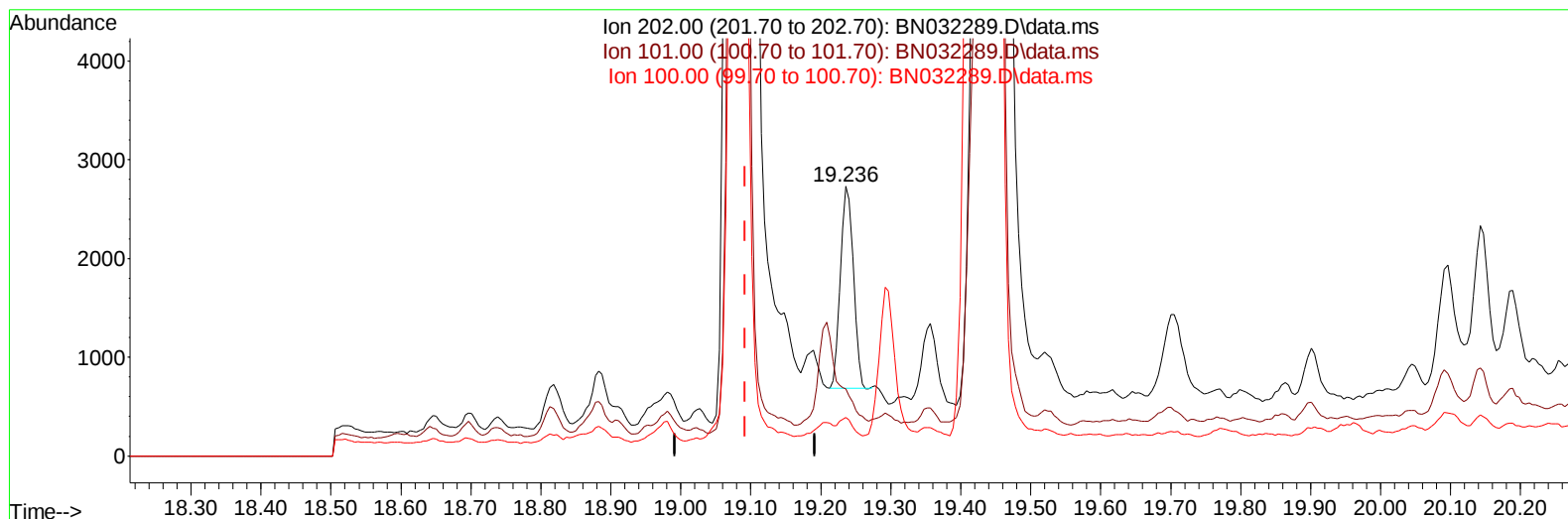
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032289.D
Acq On : 27 Jun 2024 20:42
Operator : MA/JU
Sample : P2909-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B81

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:42 2024
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Supervised By :mohammad ahmed 06/28/2024



TIC: BN032289.D\data.ms

(19) Fluoranthene (C)

19.236min (+ 0.144) 0.04 ng/u1

response 2627

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	24.92#
100.00	8.00	14.33#
0.00	0.00	0.00

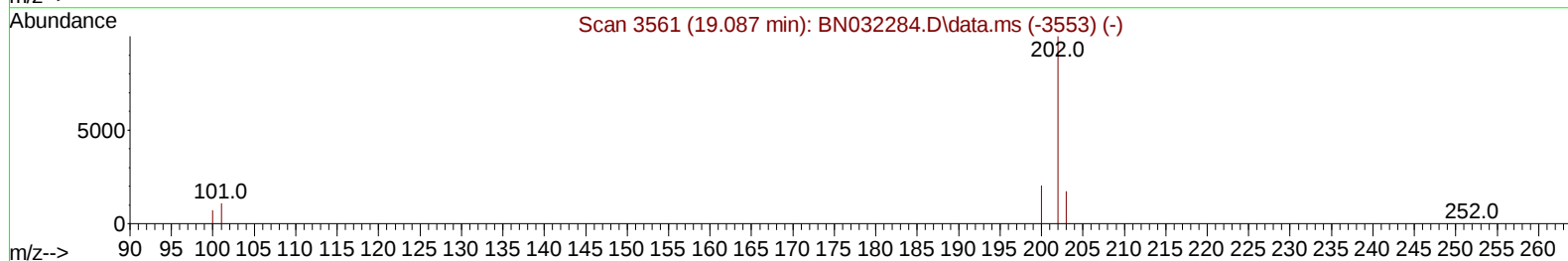
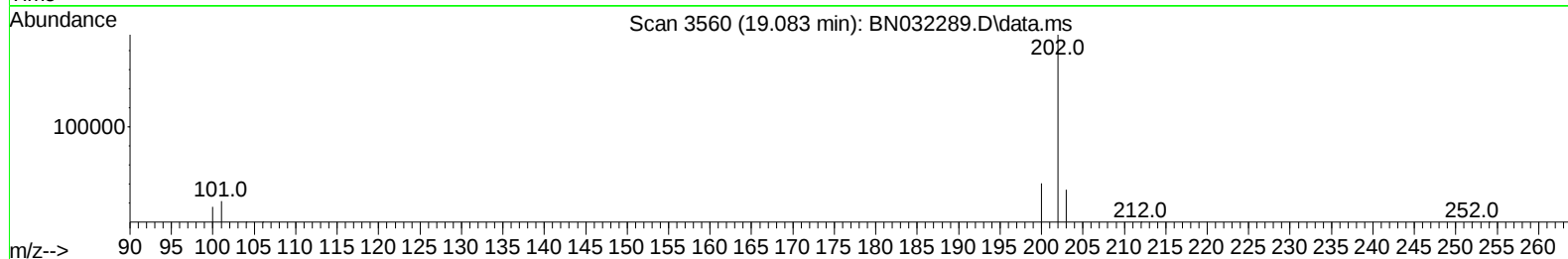
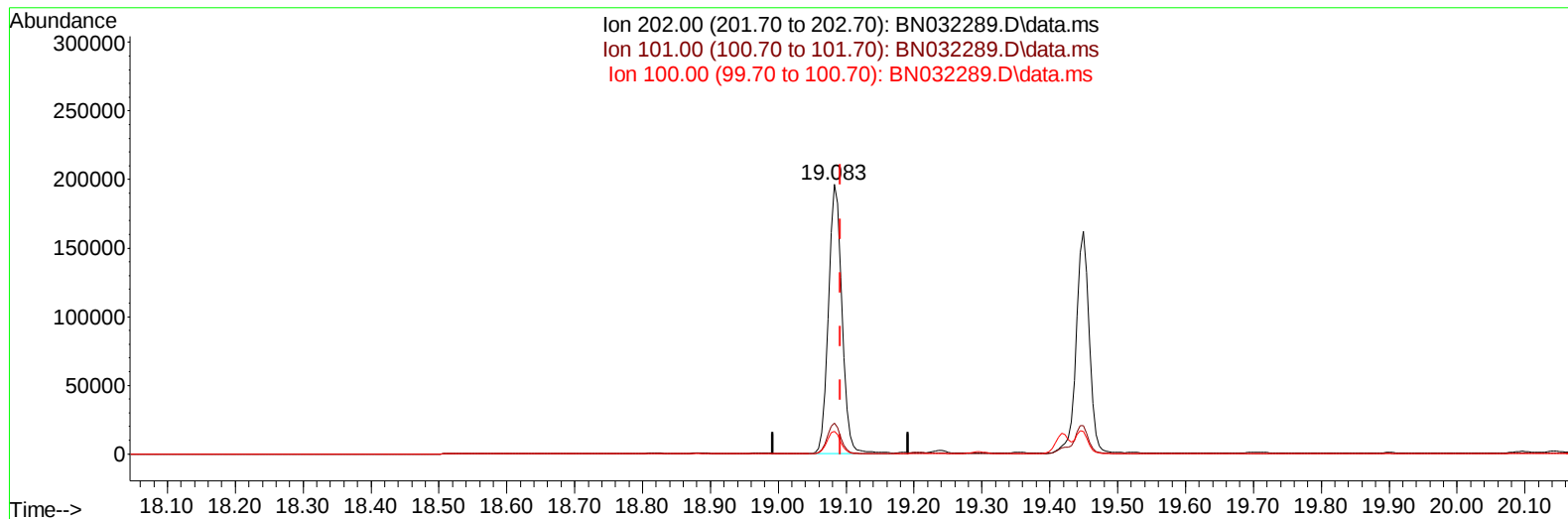
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032289.D
Acq On : 27 Jun 2024 20:42
Operator : MA/JU
Sample : P2909-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B81

Manual IntegrationsAPPROVED

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



TIC: BN032289.D\data.ms

(19) Fluoranthene (C)

19.083min (-0.009) 3.96 ng/u1 m

response 269674

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.39
100.00	8.00	8.39
0.00	0.00	0.00

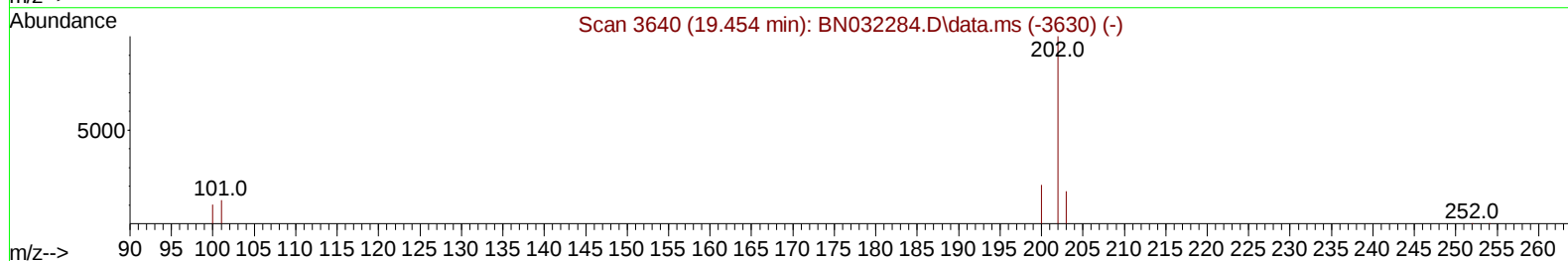
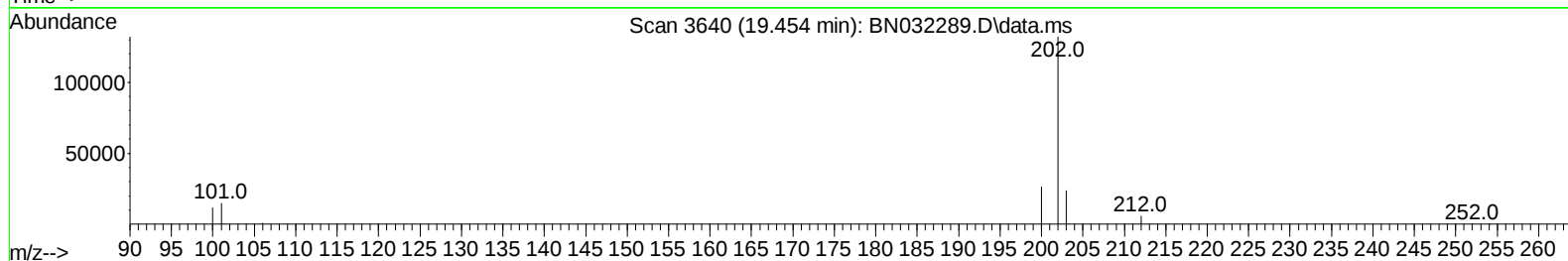
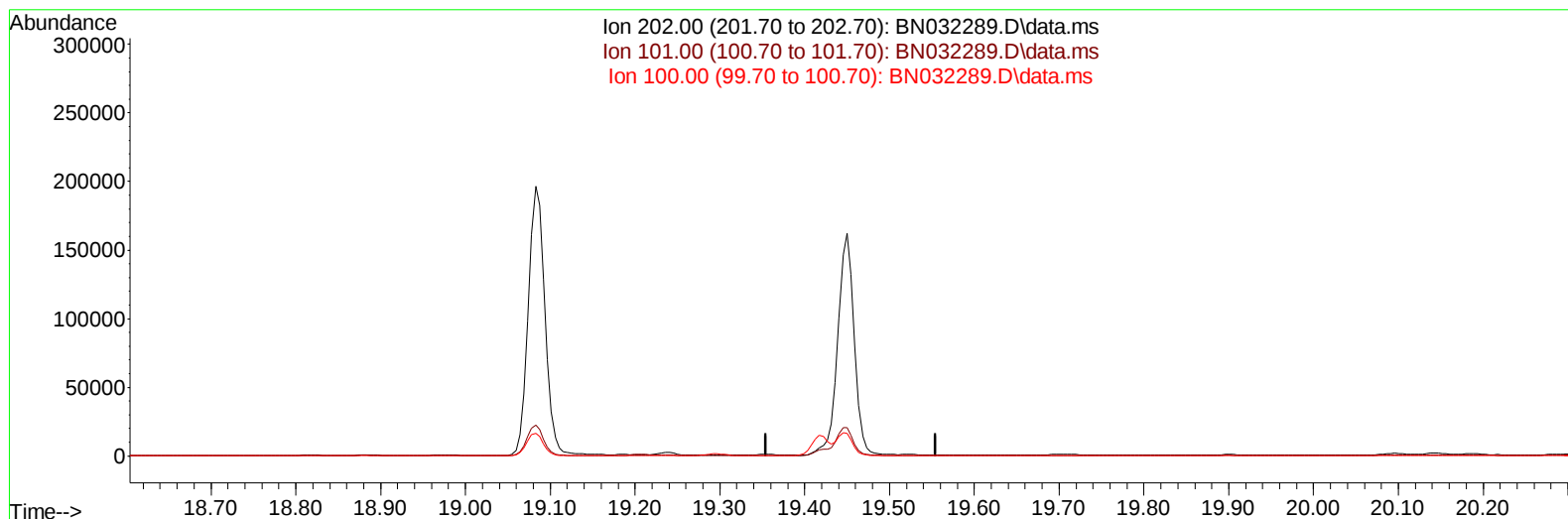
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032289.D
Acq On : 27 Jun 2024 20:42
Operator : MA/JU
Sample : P2909-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B81

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:42 2024
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Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032289.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

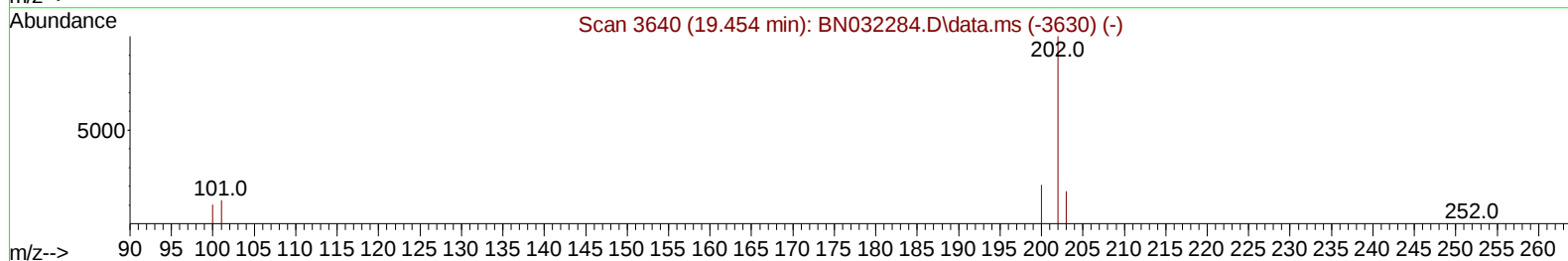
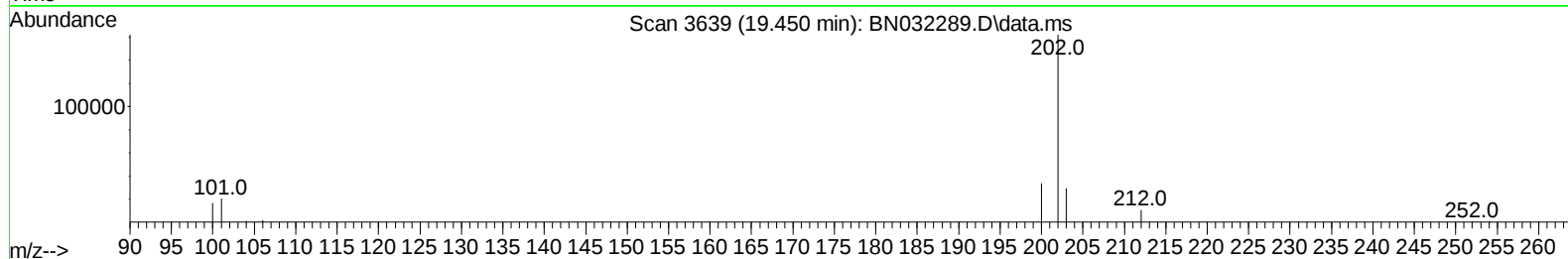
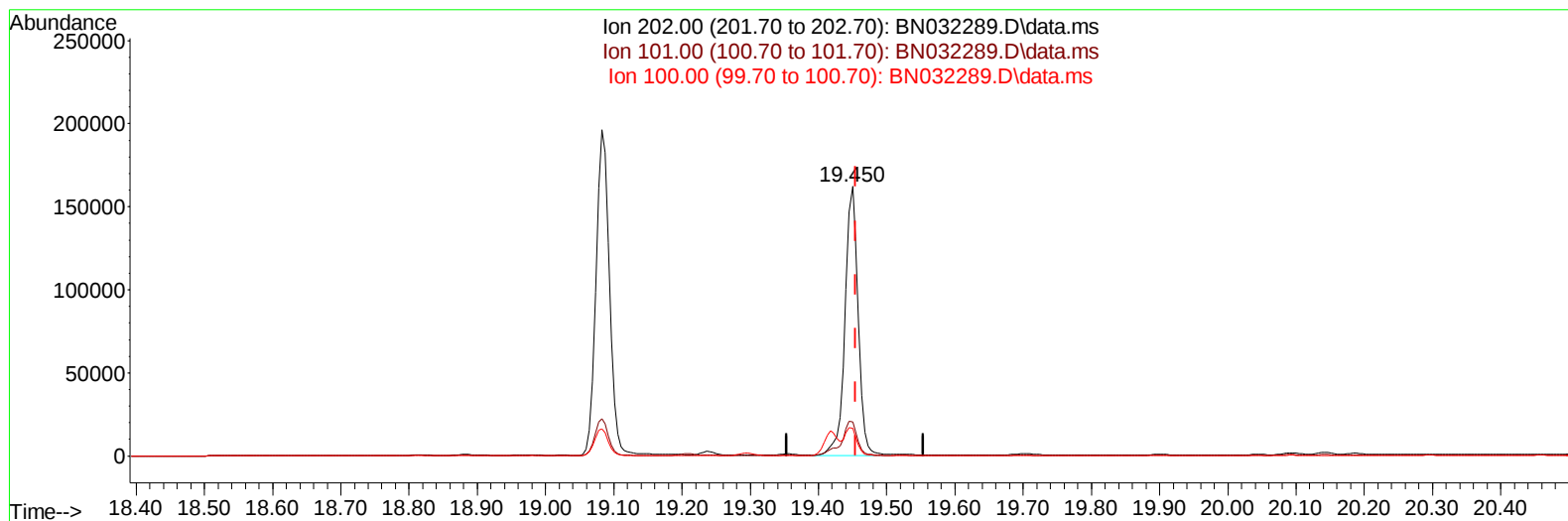
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032289.D
Acq On : 27 Jun 2024 20:42
Operator : MA/JU
Sample : P2909-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B81

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:42 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 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032289.D\data.ms

(20) Pyrene

19.450min (-0.005) 3.12 ng/ul m

response 221823

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	12.59
100.00	10.90	10.23
0.00	0.00	0.00

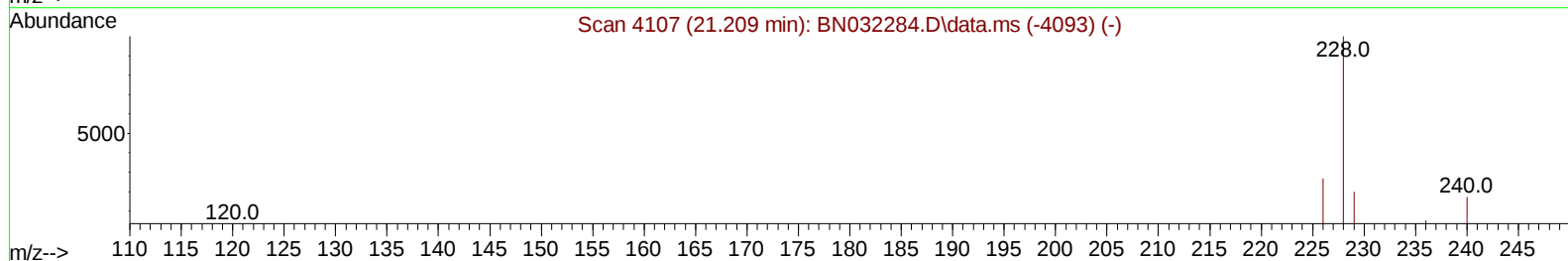
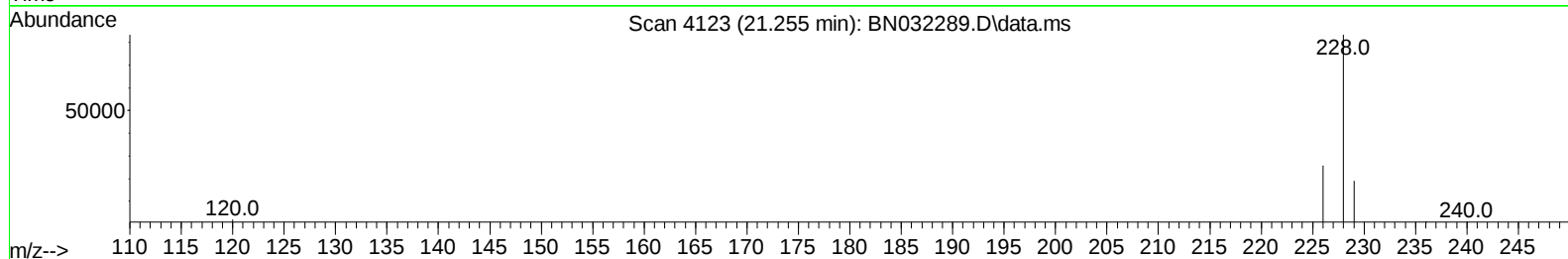
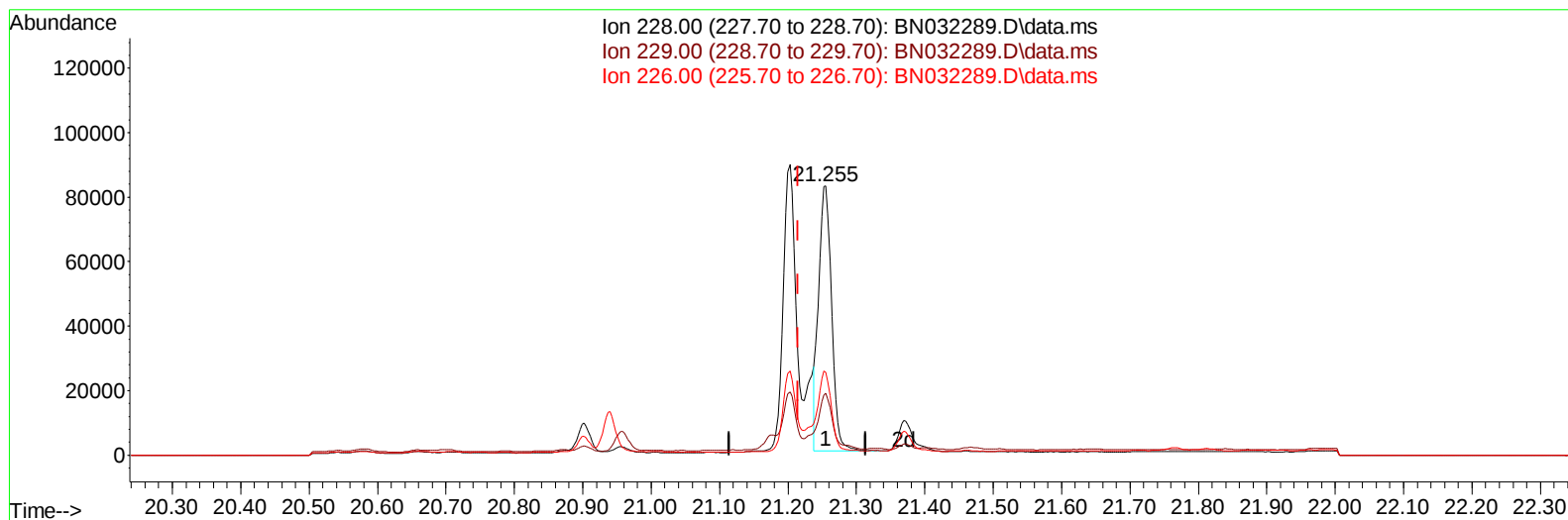
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032289.D
Acq On : 27 Jun 2024 20:42
Operator : MA/JU
Sample : P2909-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B81

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:42 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 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032289.D\data.ms

(21) Benzo(a)anthracene

21.255min (+ 0.041) 1.67 ng/u1

response 107908

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	22.97
226.00	27.30	30.80
0.00	0.00	0.00

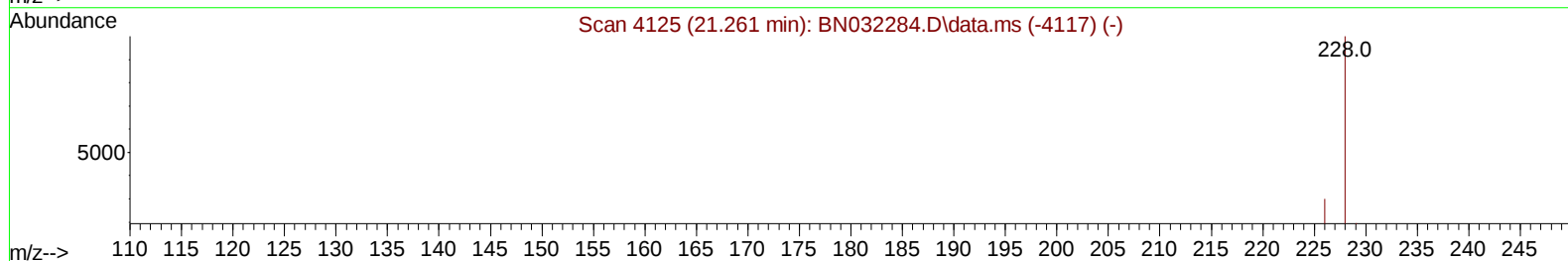
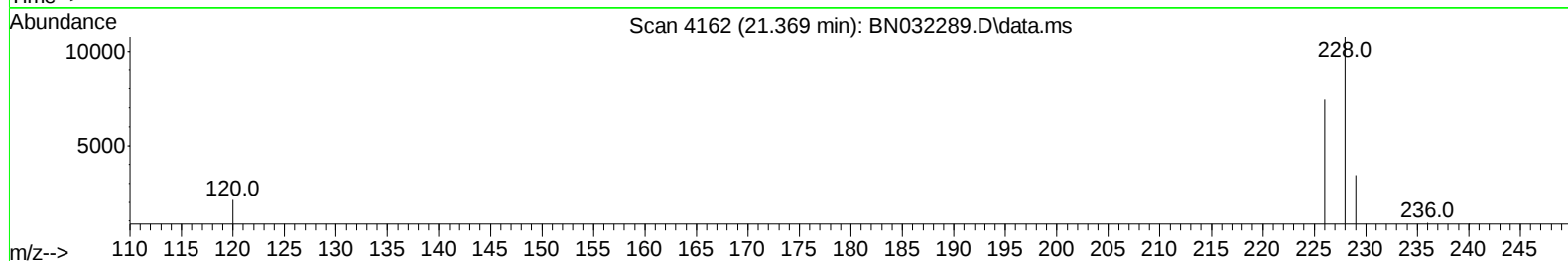
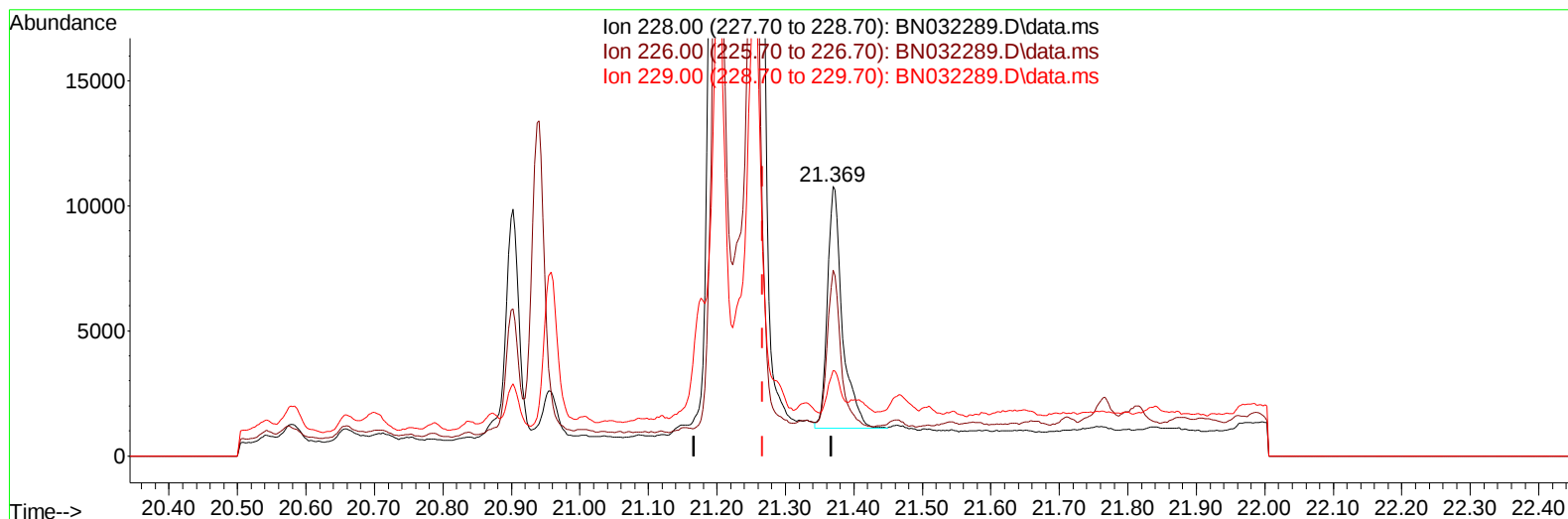
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032289.D
Acq On : 27 Jun 2024 20:42
Operator : MA/JU
Sample : P2909-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B81

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:42 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 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032289.D\data.ms

(22) Chrysene

21.369min (+ 0.102) 0.21 ng/u1

response 14688

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	68.97#
229.00	19.60	31.76#
0.00	0.00	0.00

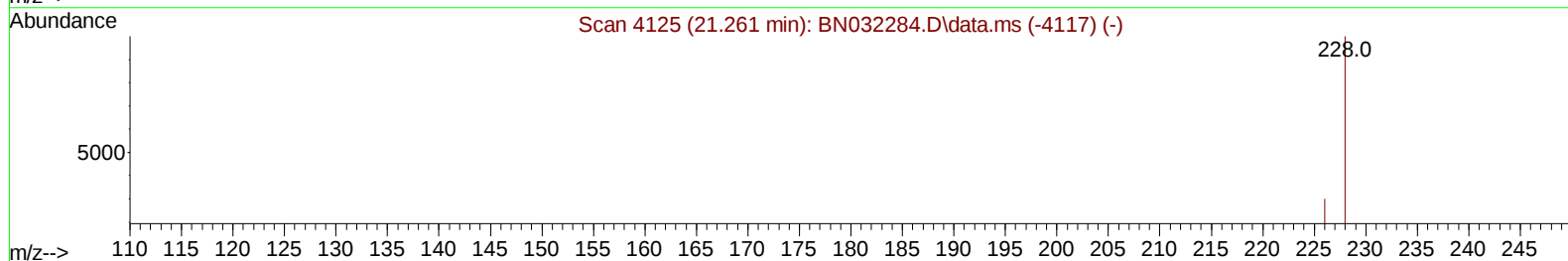
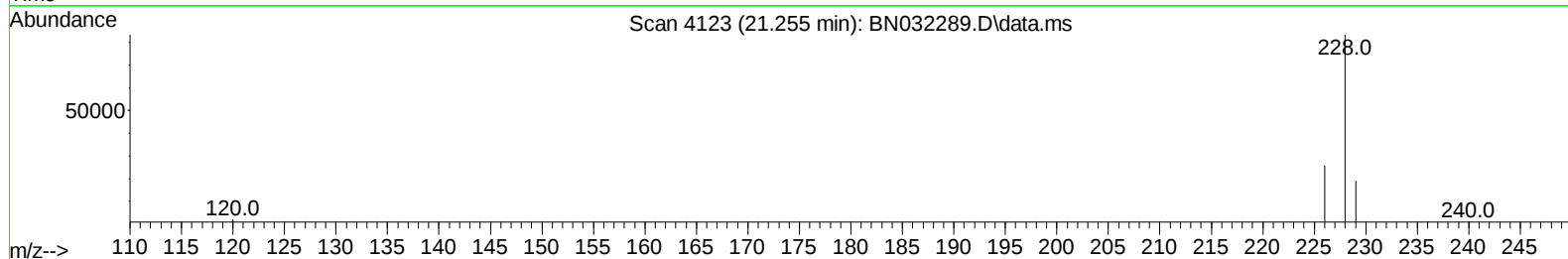
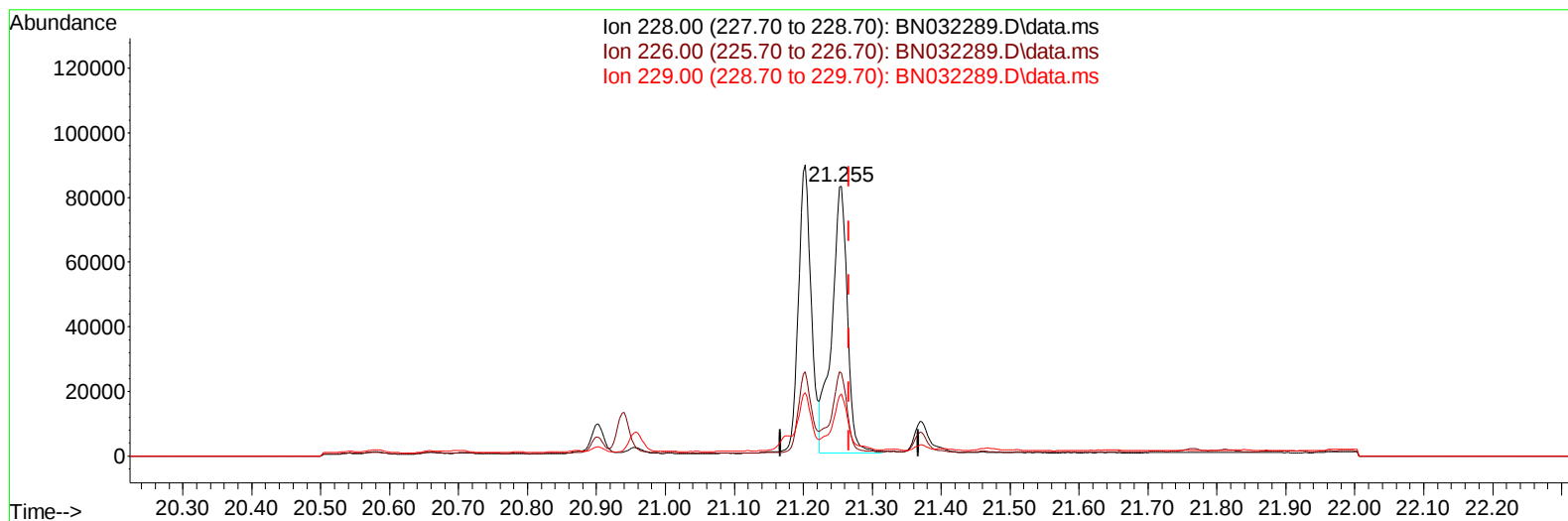
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032289.D
Acq On : 27 Jun 2024 20:42
Operator : MA/JU
Sample : P2909-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B81

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:42 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 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032289.D\data.ms

(22) Chrysene

21.255min (-0.012) 1.83 ng/u1 m

response 129495

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	30.80
229.00	19.60	22.97
0.00	0.00	0.00

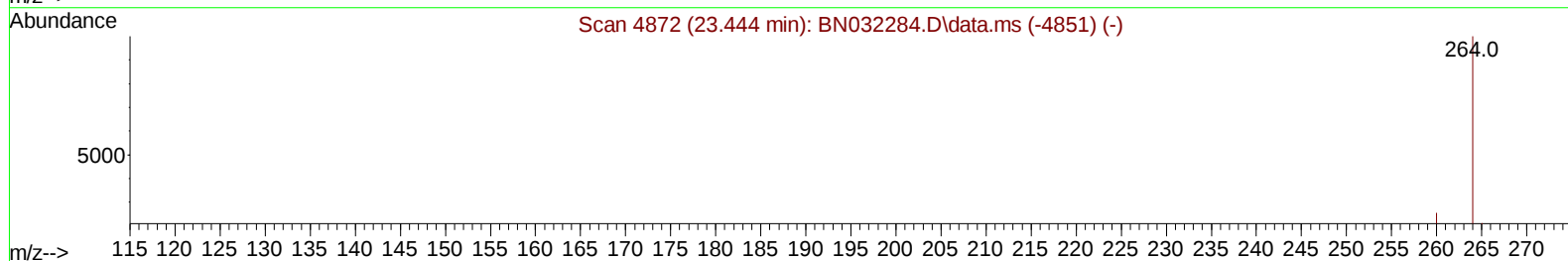
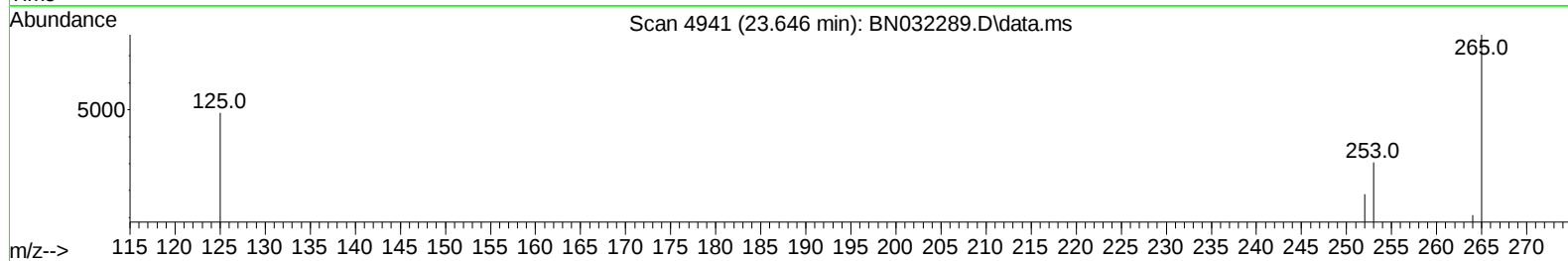
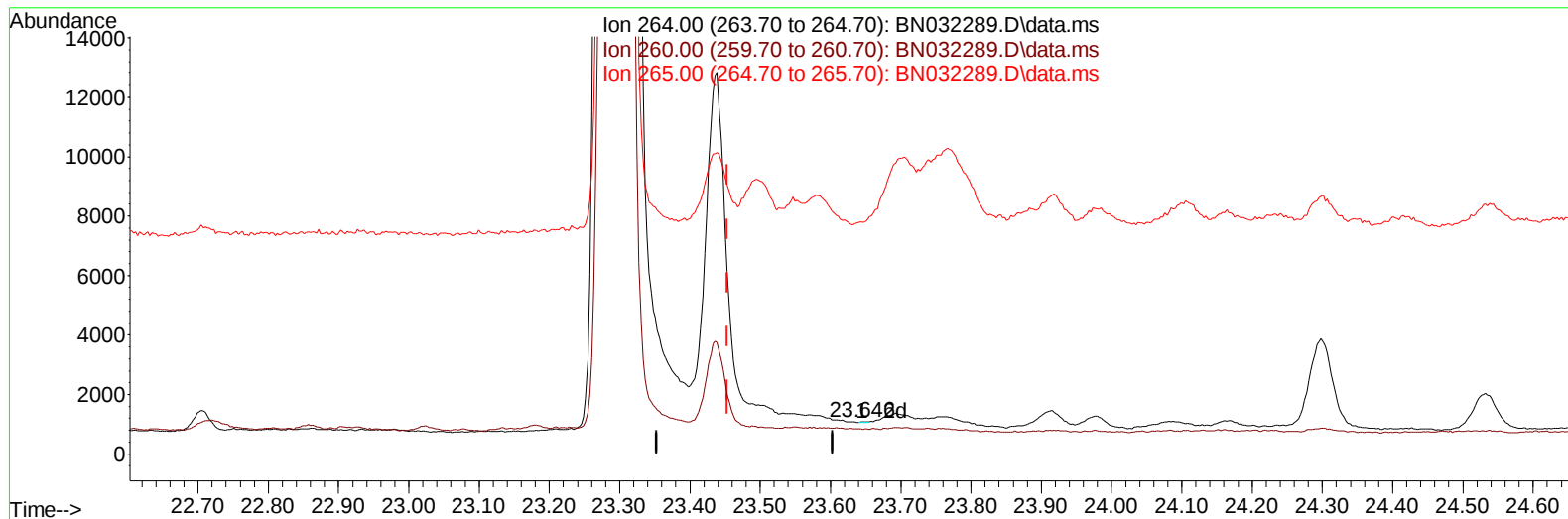
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032289.D
Acq On : 27 Jun 2024 20:42
Operator : MA/JU
Sample : P2909-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B81

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:42 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
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Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032289.D\data.ms

(23) Perylene-d12 (I)

23.646min (+ 0.193) 0.40 ng/u1

response 23

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	76.10#
265.00	67.20	712.55#
0.00	0.00	0.00

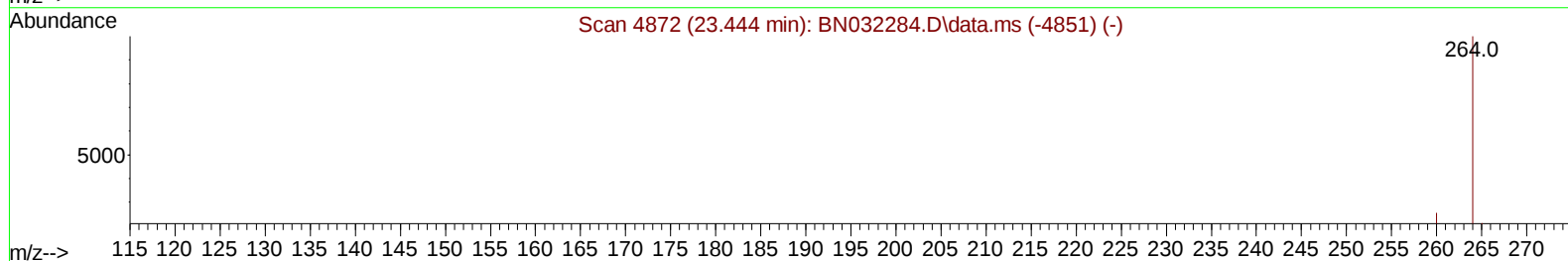
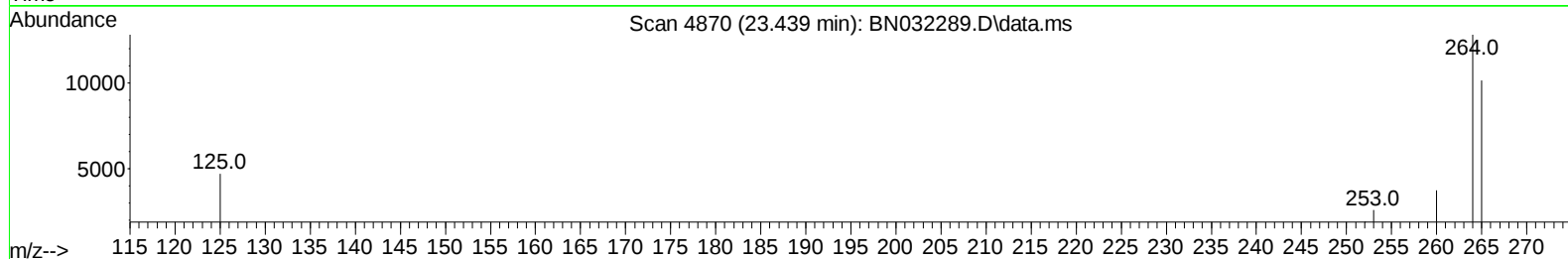
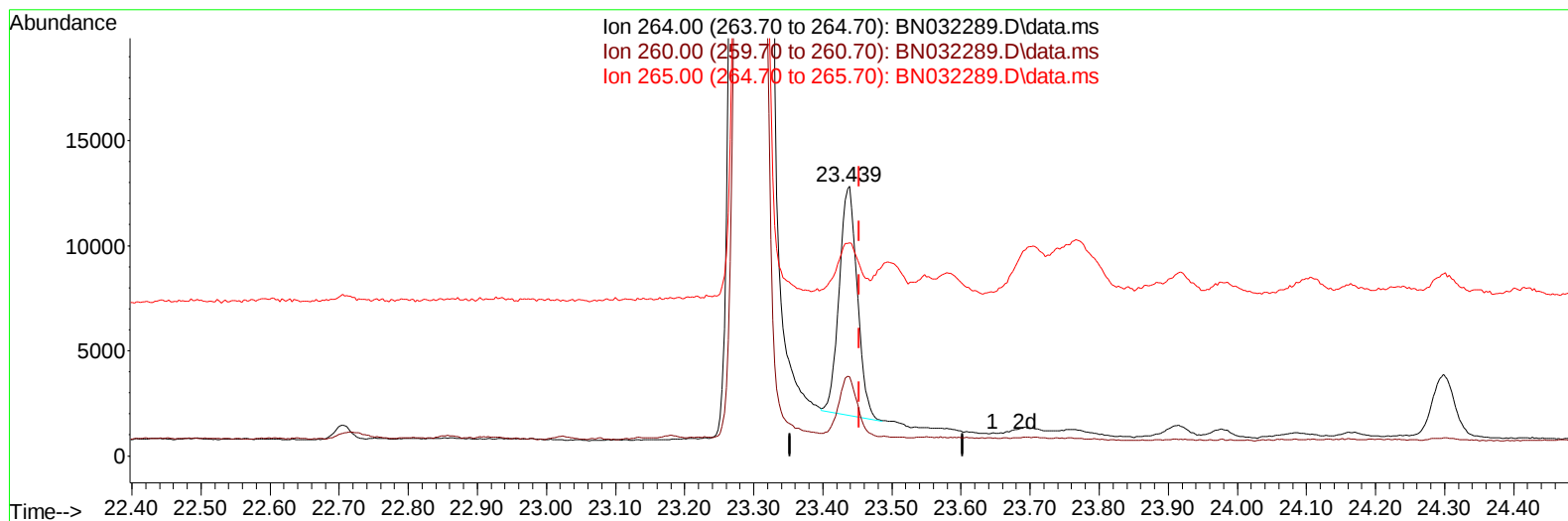
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032289.D
Acq On : 27 Jun 2024 20:42
Operator : MA/JU
Sample : P2909-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B81

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:42 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 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032289.D\data.ms

(23) Perylene-d12 (I)

23.439min (-0.015) 0.40 ng/ul m

response 19649

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	29.35
265.00	67.20	79.09
0.00	0.00	0.00

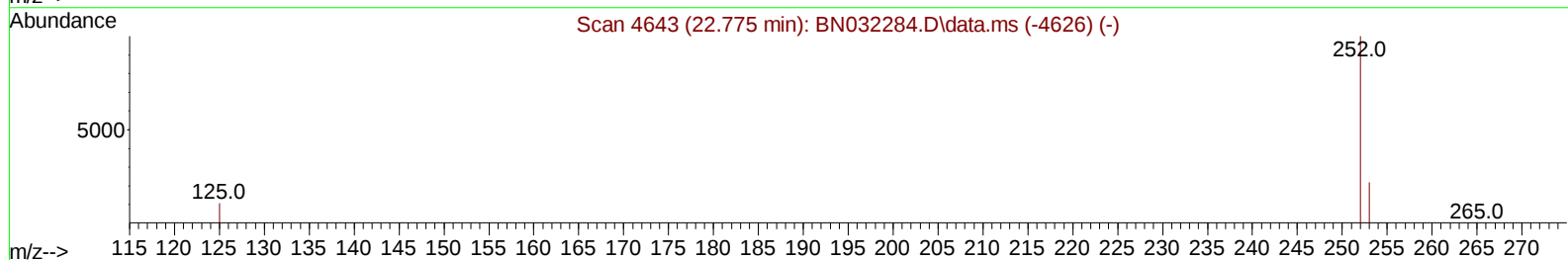
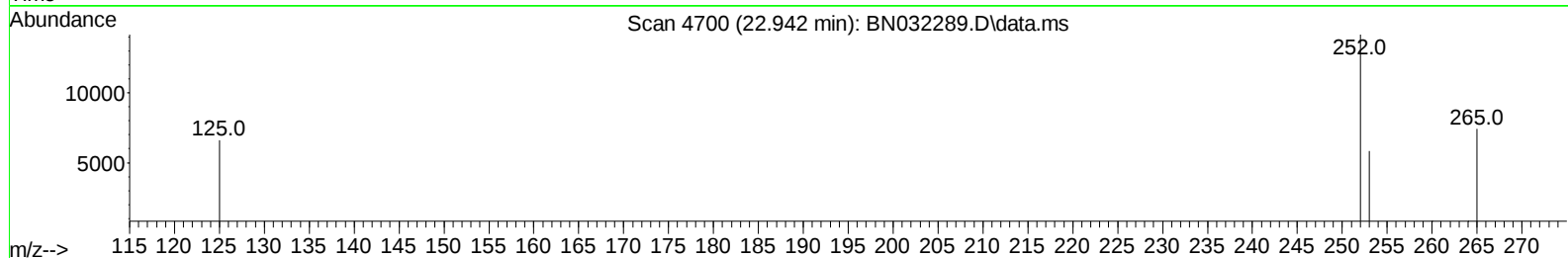
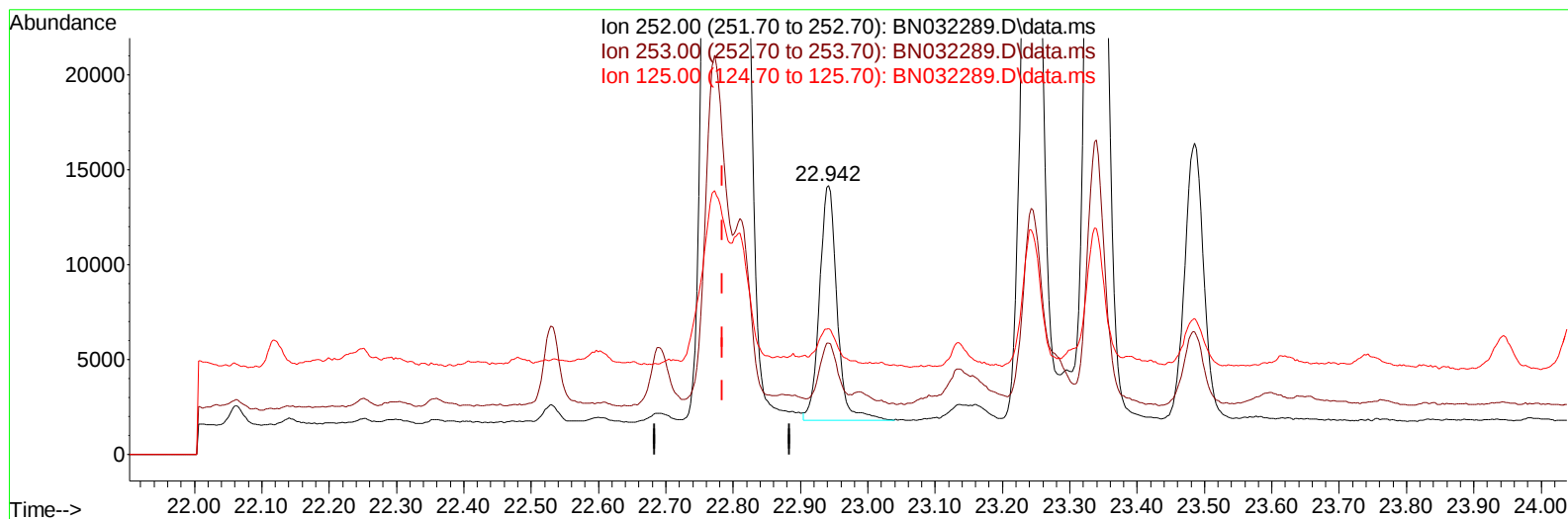
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032289.D
Acq On : 27 Jun 2024 20:42
Operator : MA/JU
Sample : P2909-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B81

Manual IntegrationsAPPROVED

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

Quant Time: Jun 28 00:27:42 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: BN032289.D\data.ms

(24) Benzo(b)fluoranthene

22.942min (+ 0.158) 0.26 ng/u1

response 22378

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	41.41
125.00	16.00	46.75#
0.00	0.00	0.00

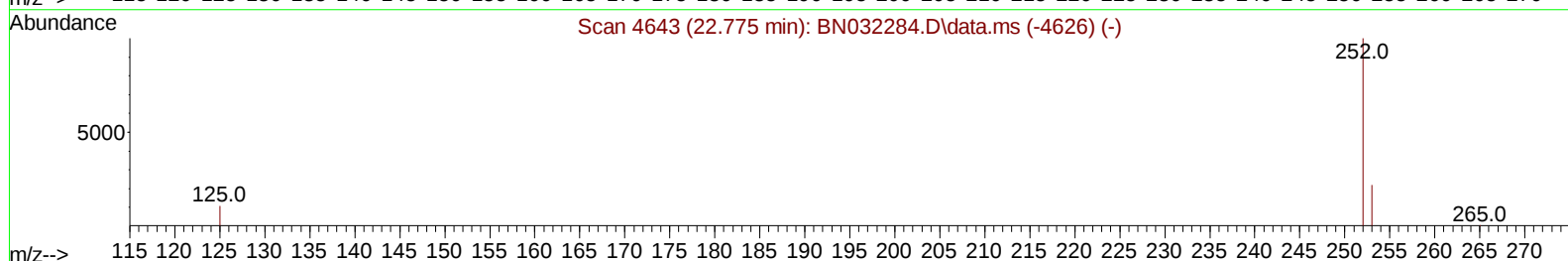
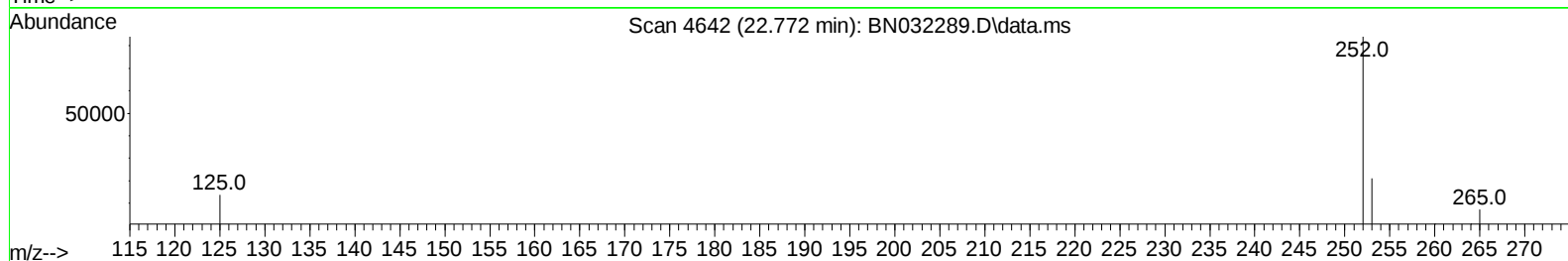
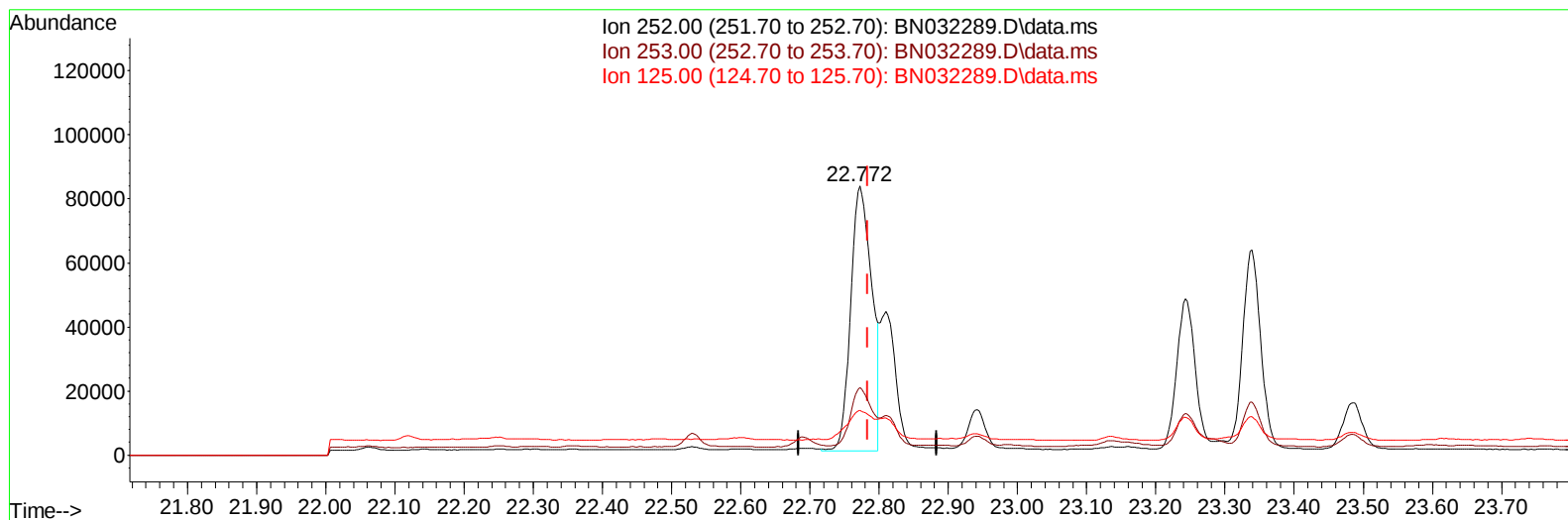
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032289.D
Acq On : 27 Jun 2024 20:42
Operator : MA/JU
Sample : P2909-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B81

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:42 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 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032289.D\data.ms

(24) Benzo(b)fluoranthene

22.772min (-0.012) 2.05 ng/u1 m

response 174846

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	25.07
125.00	16.00	16.55
0.00	0.00	0.00

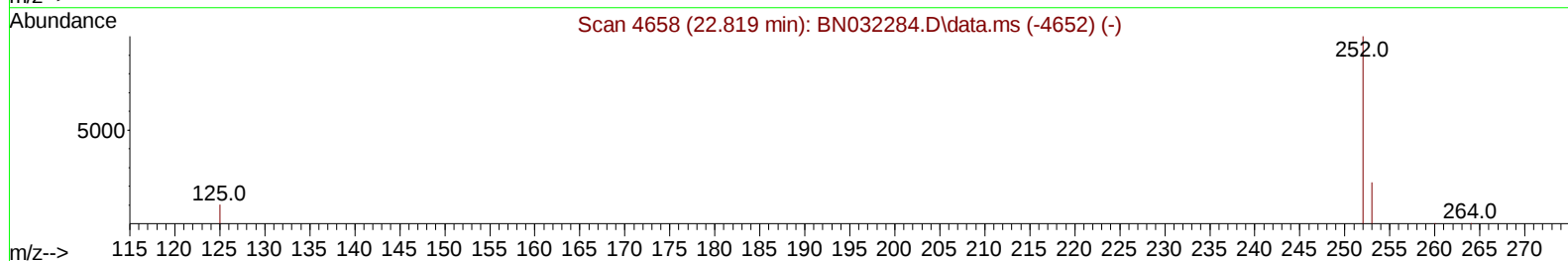
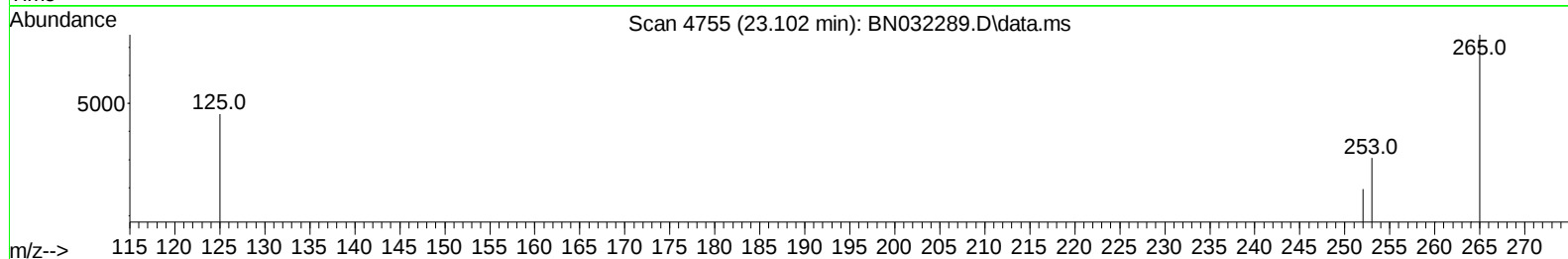
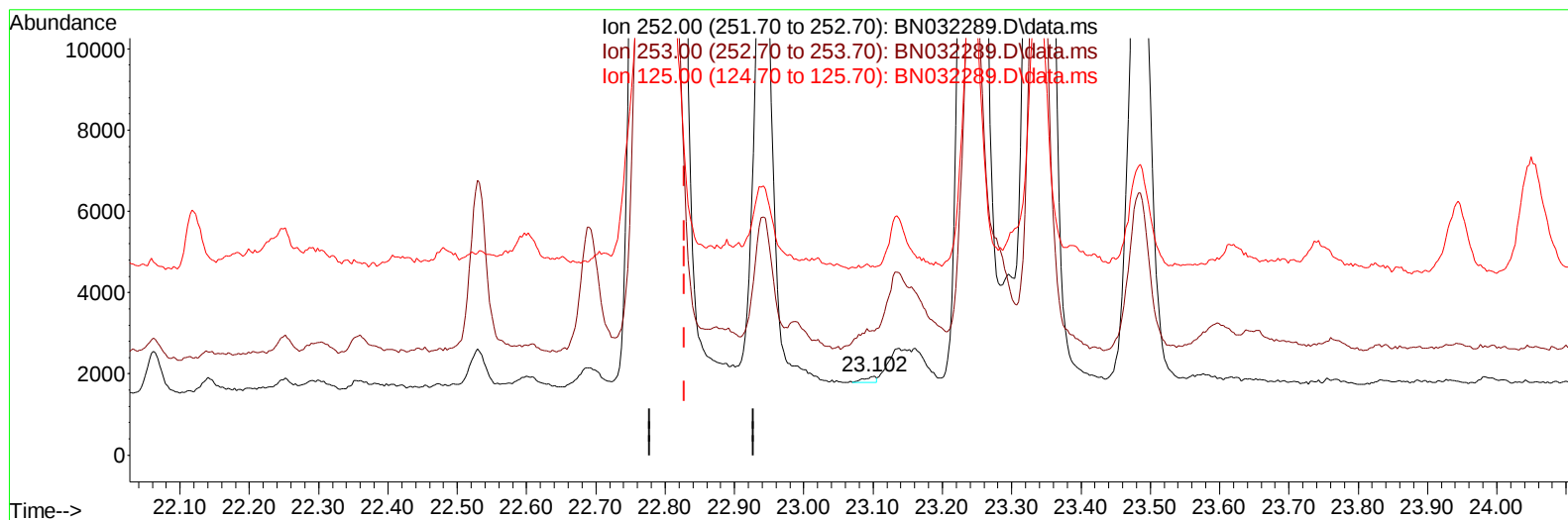
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032289.D
Acq On : 27 Jun 2024 20:42
Operator : MA/JU
Sample : P2909-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B81

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:42 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 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032289.D\data.ms

(25) Benzo(k)fluoranthene

23.102min (+ 0.275) 0.00 ng/u1

response 180

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	157.08#
125.00	16.00	238.23#
0.00	0.00	0.00

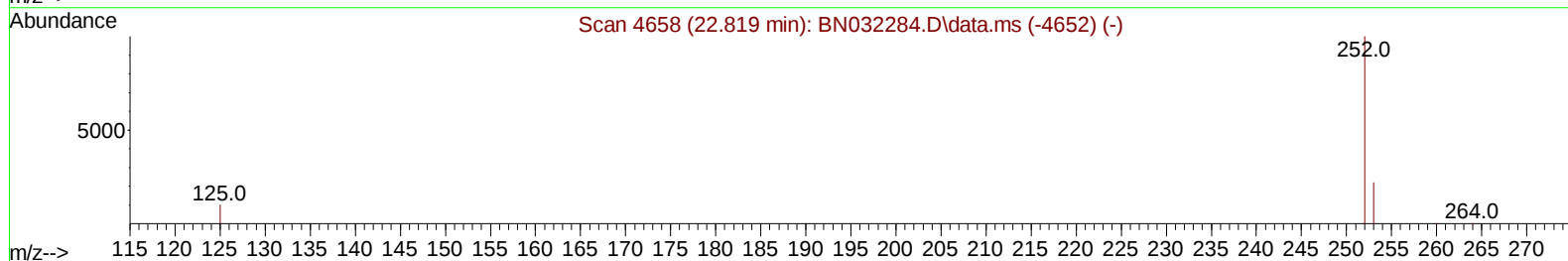
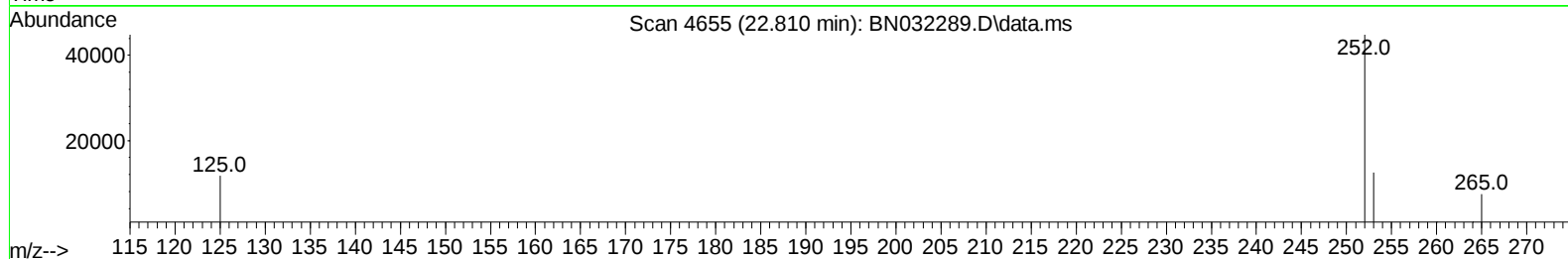
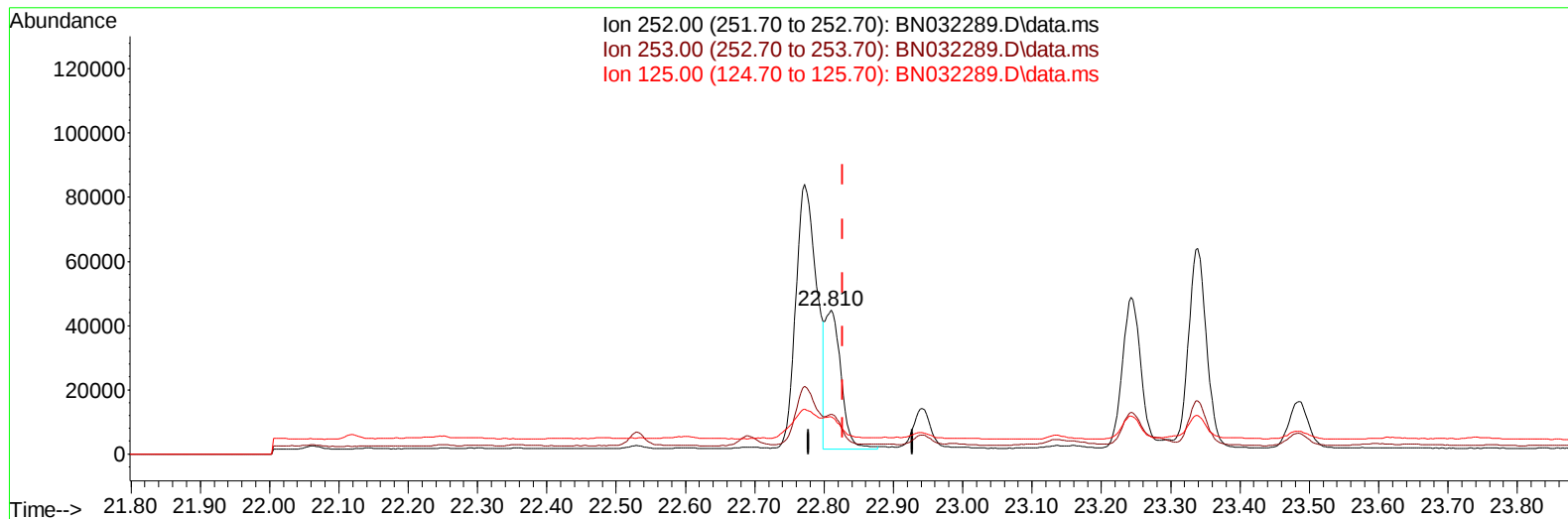
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032289.D
Acq On : 27 Jun 2024 20:42
Operator : MA/JU
Sample : P2909-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B81

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BN032289.D\data.ms

(25) Benzo(k)fluoranthene

22.810min (-0.018) 0.83 ng/u1 m

response 69245

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	27.71
125.00	16.00	26.01#
0.00	0.00	0.00

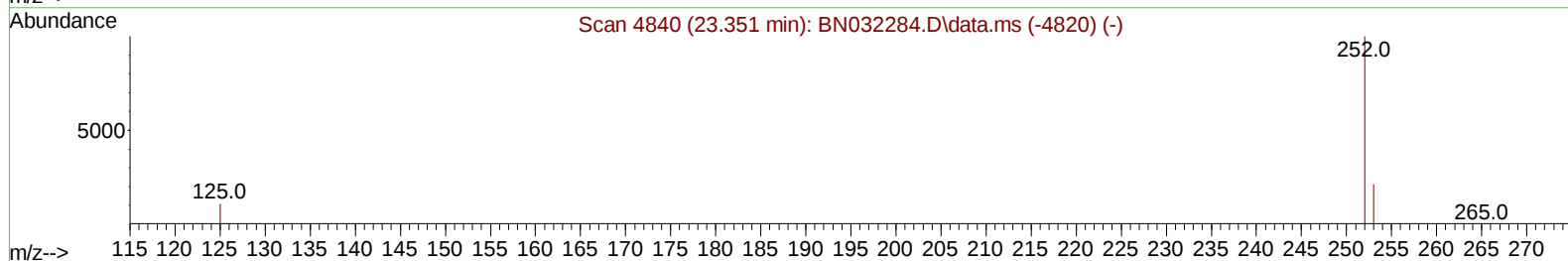
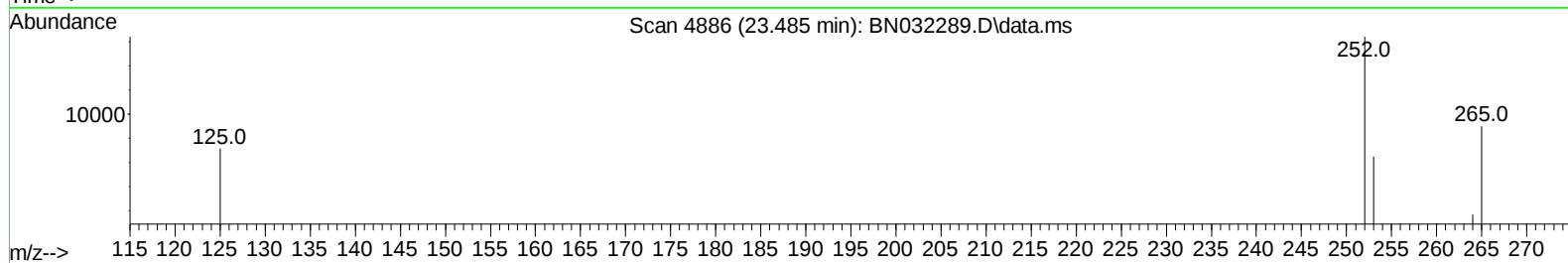
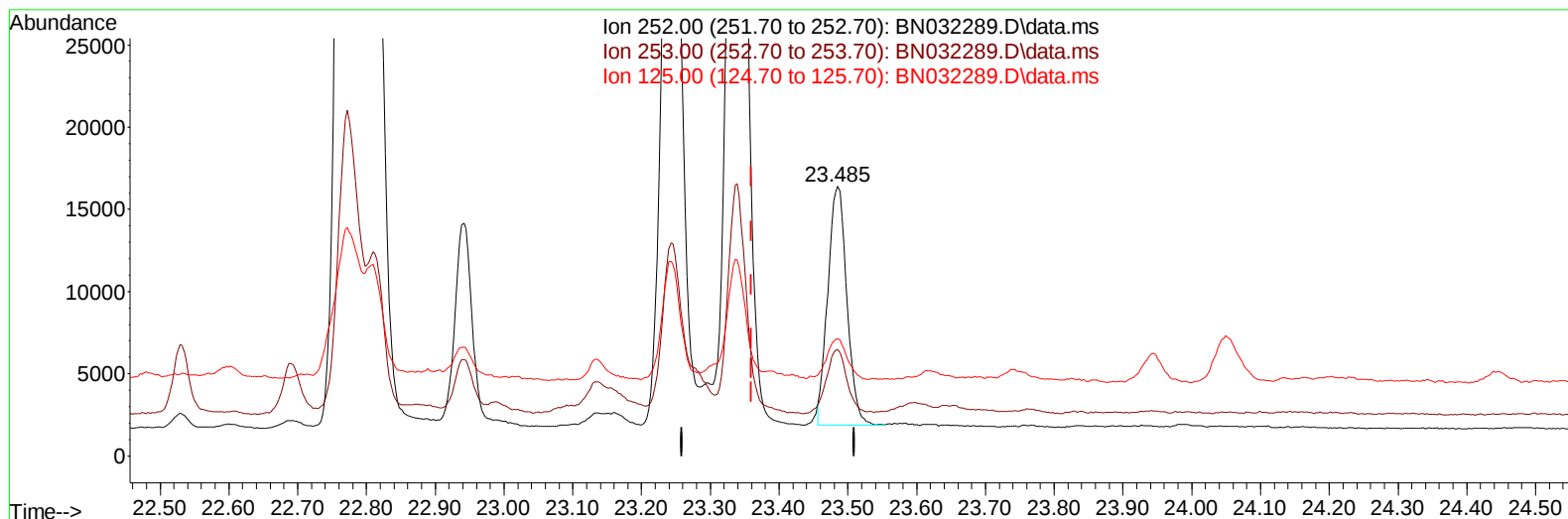
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032289.D
Acq On : 27 Jun 2024 20:42
Operator : MA/JU
Sample : P2909-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B81

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:42 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
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Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032289.D\data.ms

(26) Benzo(a)pyrene (C)

23.485min (+ 0.126) 0.47 ng/u1

response 27895

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	39.40#
125.00	20.50	43.61#
0.00	0.00	0.00

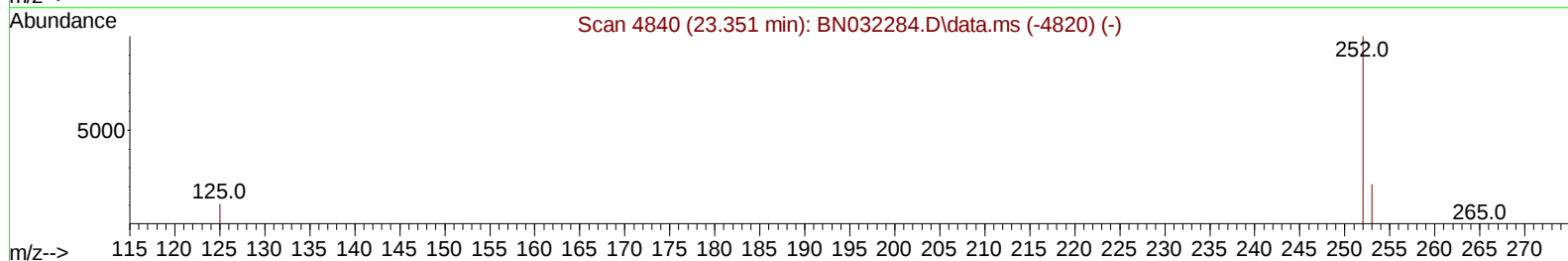
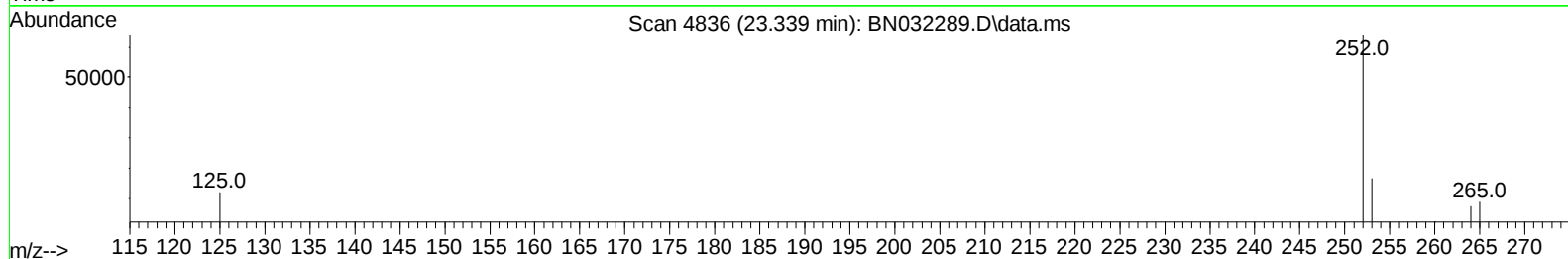
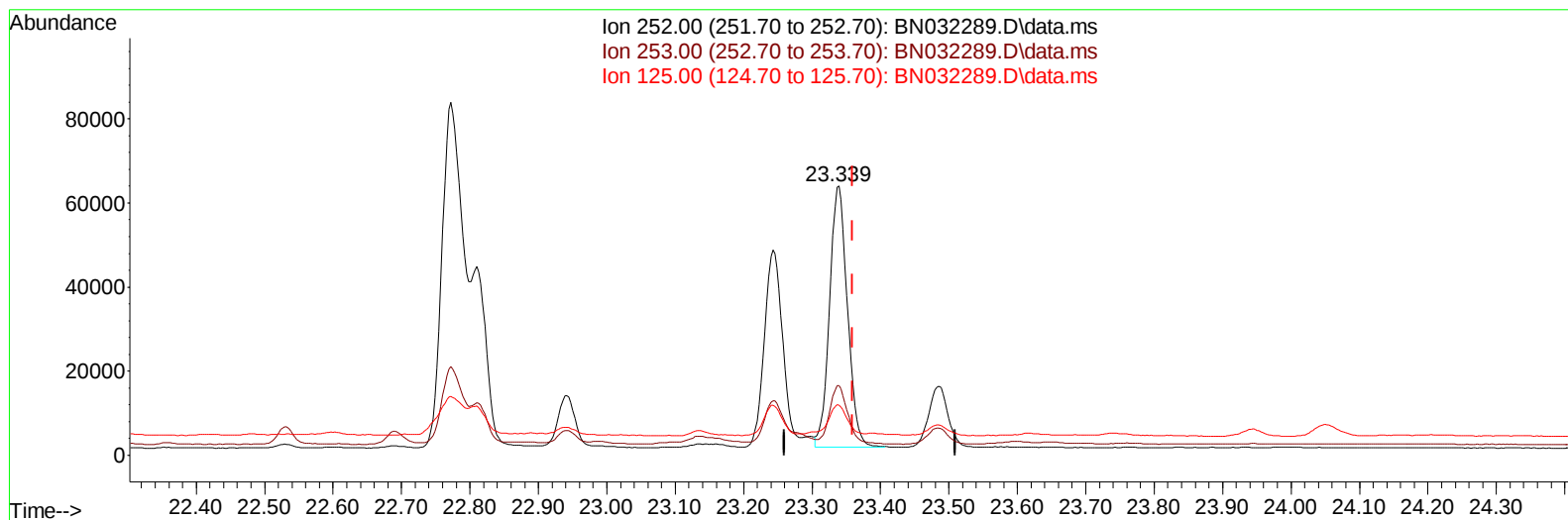
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032289.D
Acq On : 27 Jun 2024 20:42
Operator : MA/JU
Sample : P2909-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B81

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

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



TIC: BN032289.D\data.ms

(26) Benzo(a)pyrene (C)

23.339min (-0.020) 1.90 ng/u1 m

response 112804

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	25.88
125.00	20.50	18.61
0.00	0.00	0.00

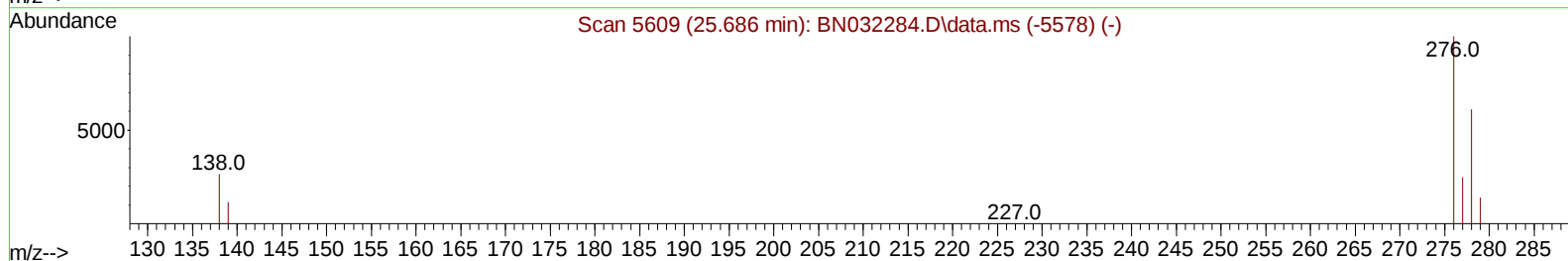
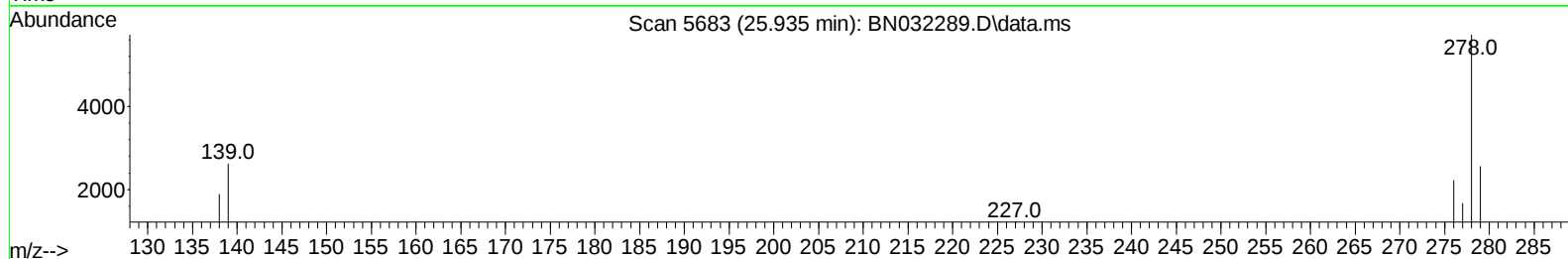
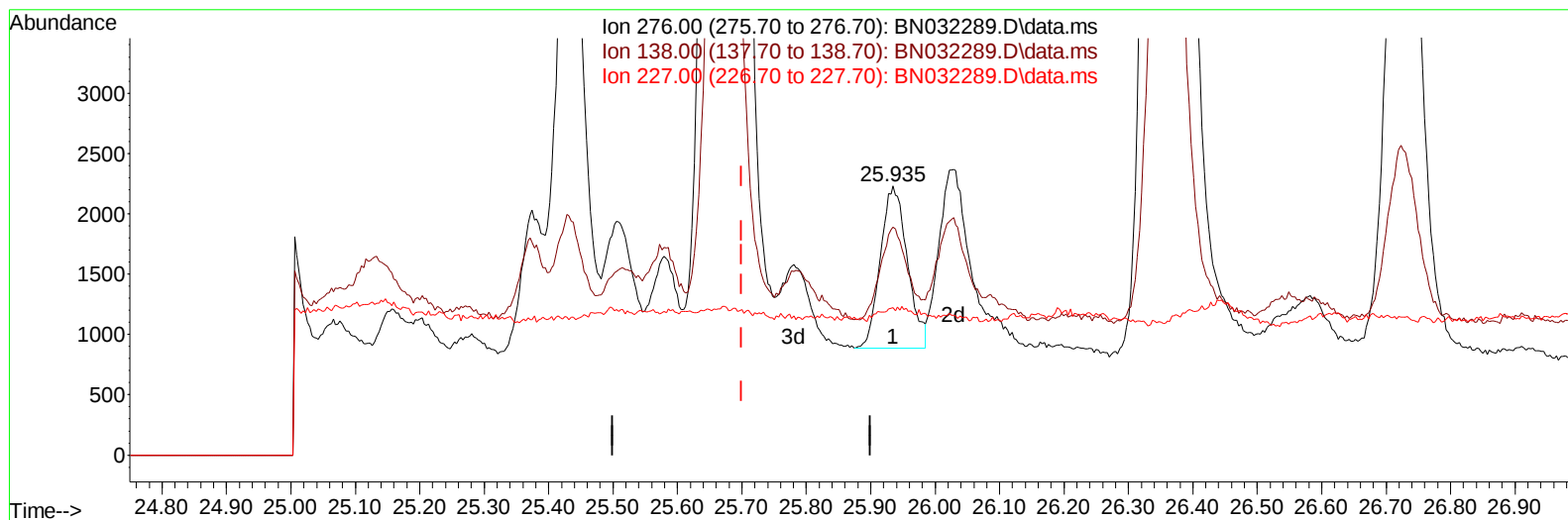
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032289.D
Acq On : 27 Jun 2024 20:42
Operator : MA/JU
Sample : P2909-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B81

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:42 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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Supervised By :mohammad ahmed 06/28/2024



TIC: BN032289.D\data.ms

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

25.935min (+ 0.235) 0.04 ng/u1

response 3906

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	58.63#
227.00	0.10	6.17#
0.00	0.00	0.00

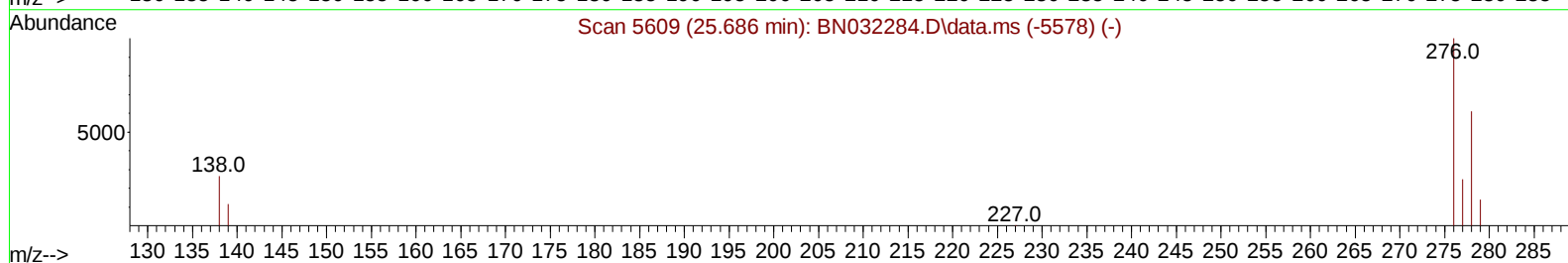
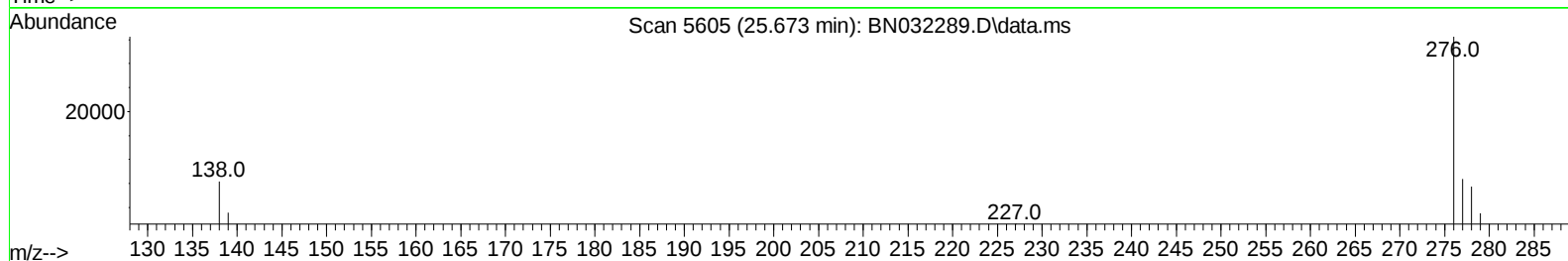
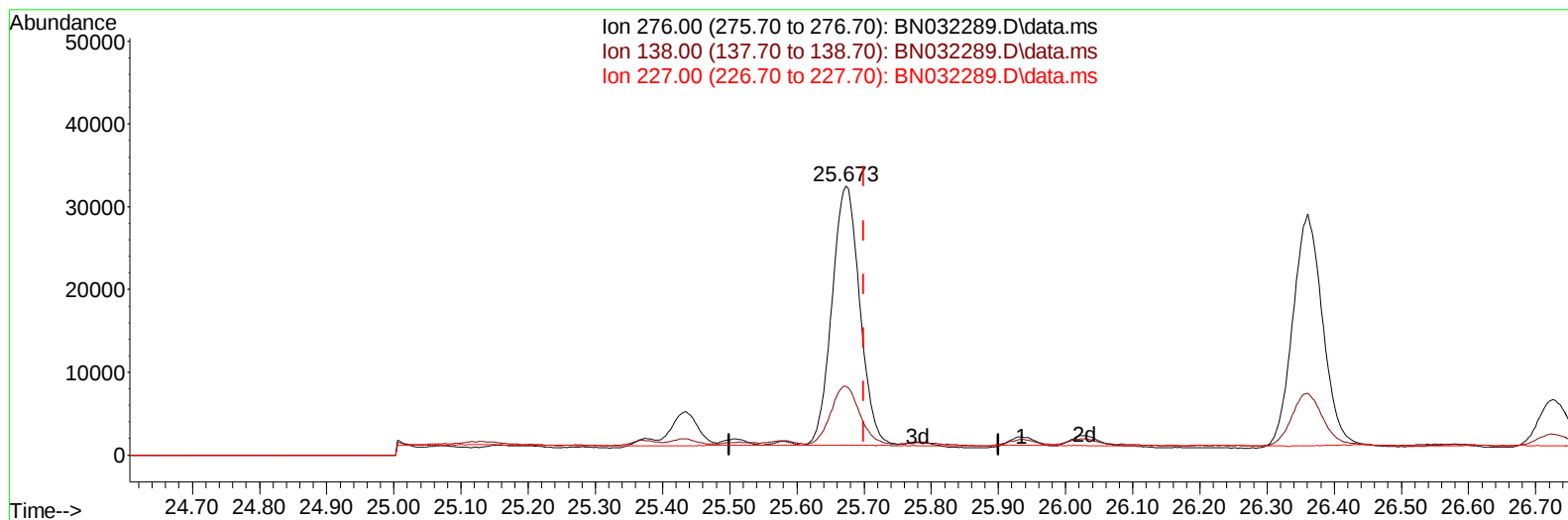
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032289.D
Acq On : 27 Jun 2024 20:42
Operator : MA/JU
Sample : P2909-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B81

Manual IntegrationsAPPROVED

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

Quant Time: Jun 28 00:27:42 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: BN032289.D\data.ms

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

25.673min (-0.027) 0.97 ng/u1 m

response 89992

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	2.54#
227.00	0.10	0.27#
0.00	0.00	0.00

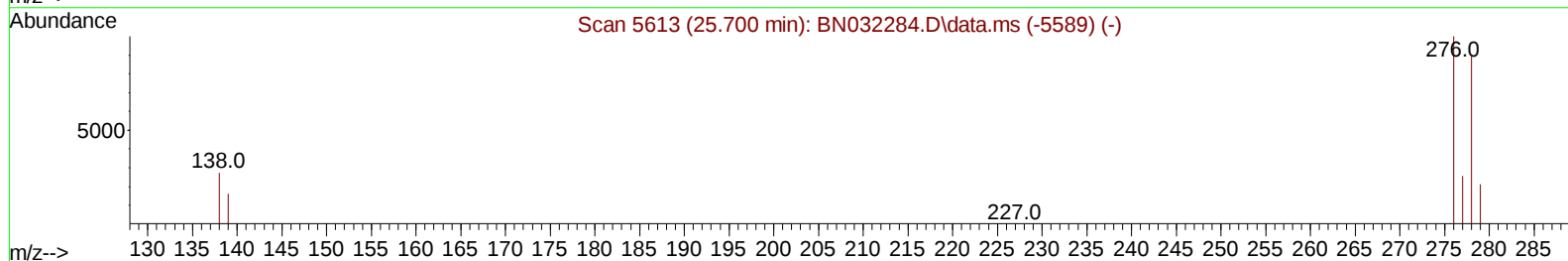
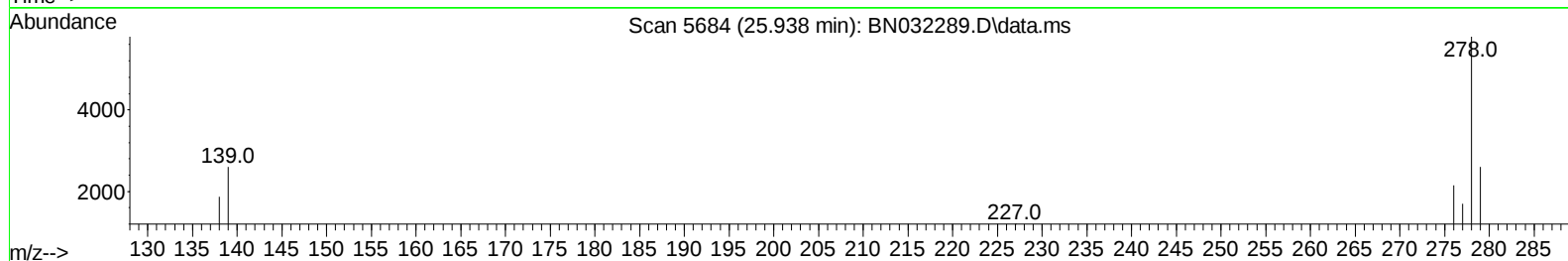
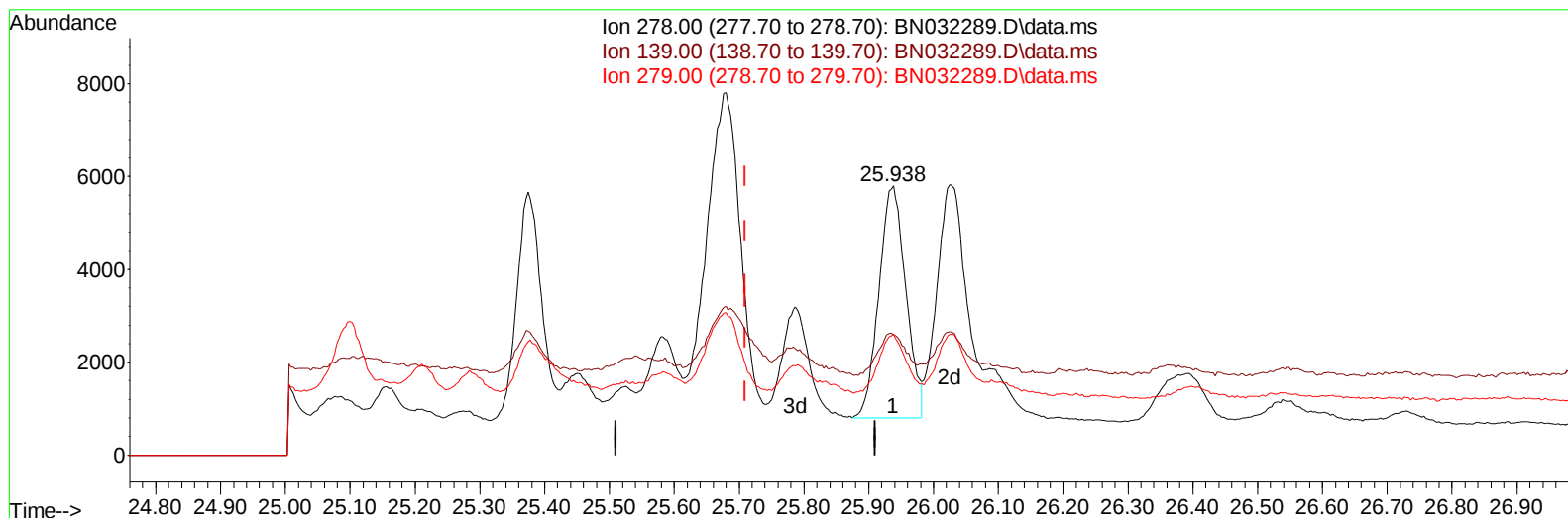
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032289.D
Acq On : 27 Jun 2024 20:42
Operator : MA/JU
Sample : P2909-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B81

Manual IntegrationsAPPROVED

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



TIC: BN032289.D\data.ms

(28) Dibenzo(a,h)anthracene

25.938min (+ 0.228) 0.21 ng/u1

response 14437

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	44.79#
279.00	26.40	44.94#
0.00	0.00	0.00

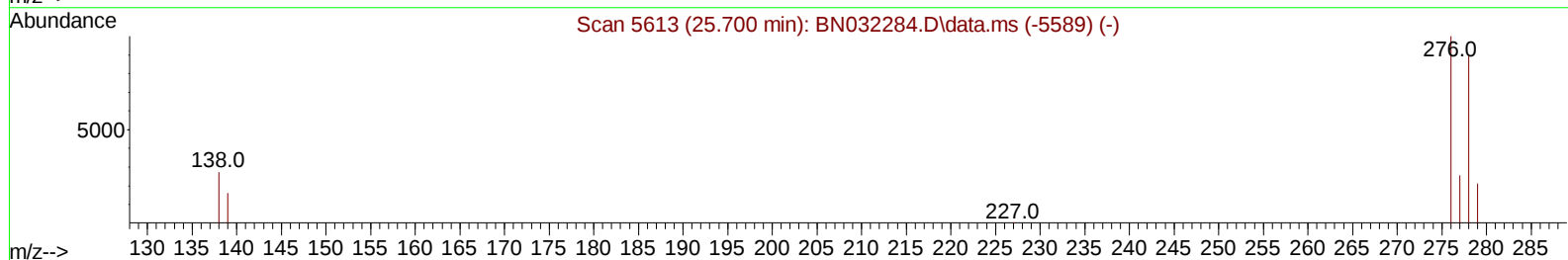
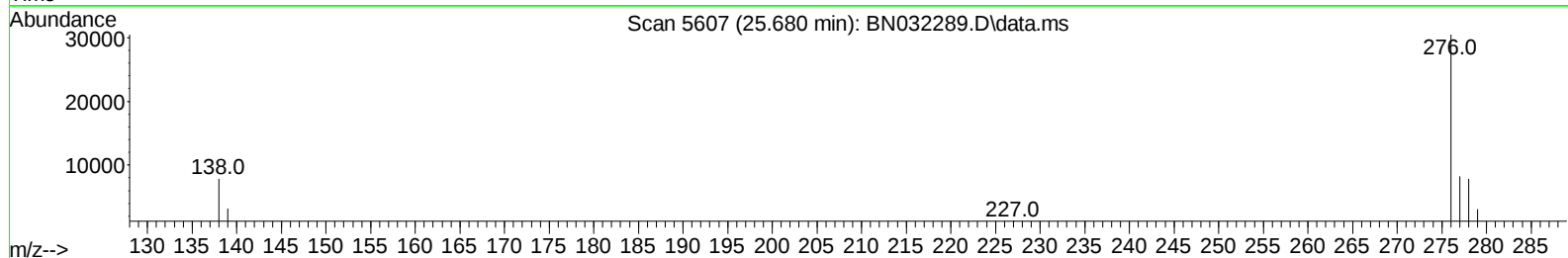
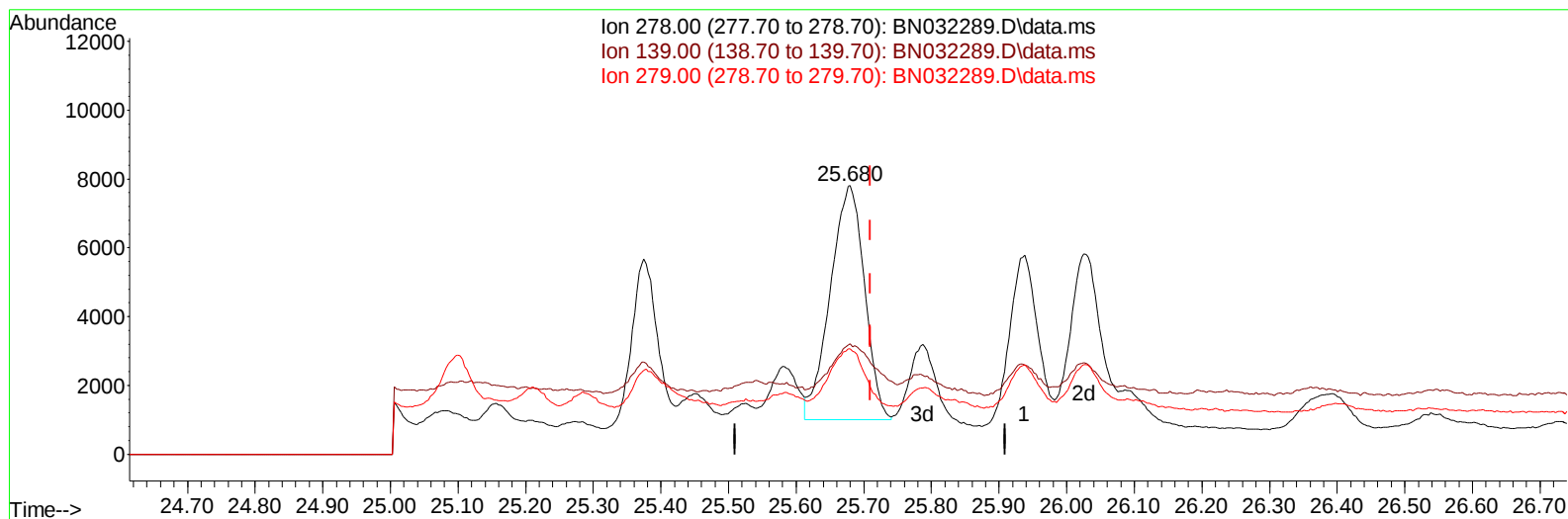
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032289.D
Acq On : 27 Jun 2024 20:42
Operator : MA/JU
Sample : P2909-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B81

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:42 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: BN032289.D\data.ms

(28) Dibenzo(a,h)anthracene

25.680min (-0.030) 0.34 ng/ul m

response 23831

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	41.10#
279.00	26.40	39.33#
0.00	0.00	0.00

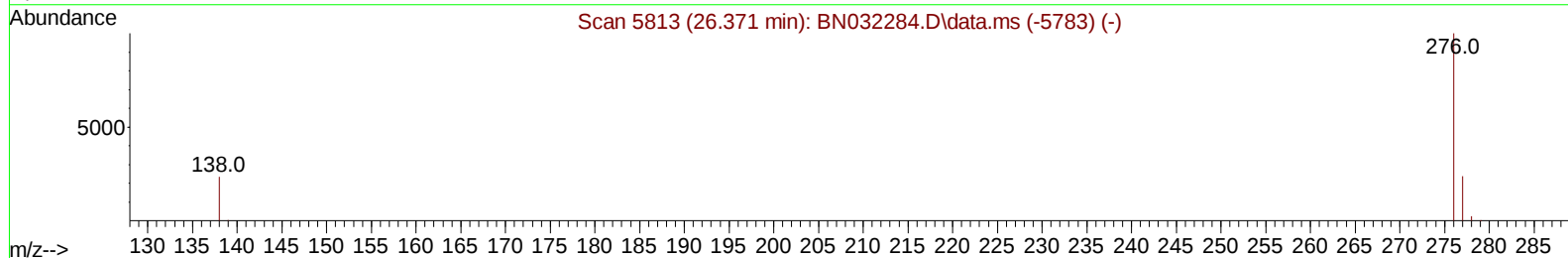
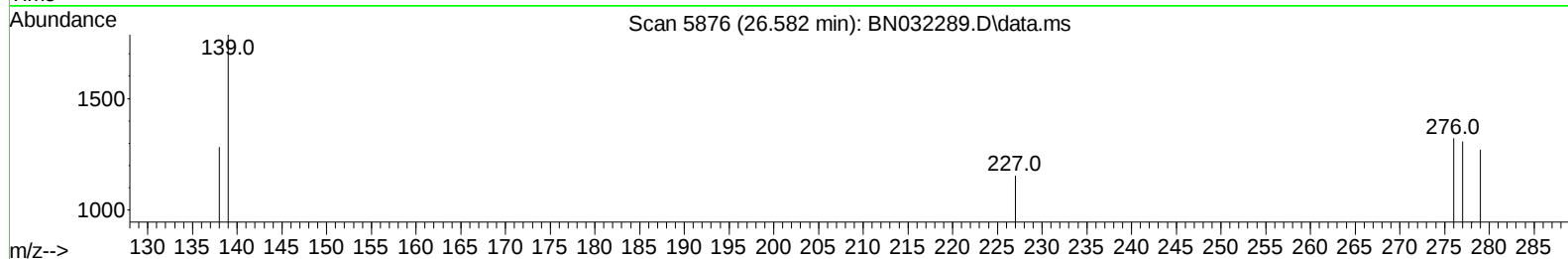
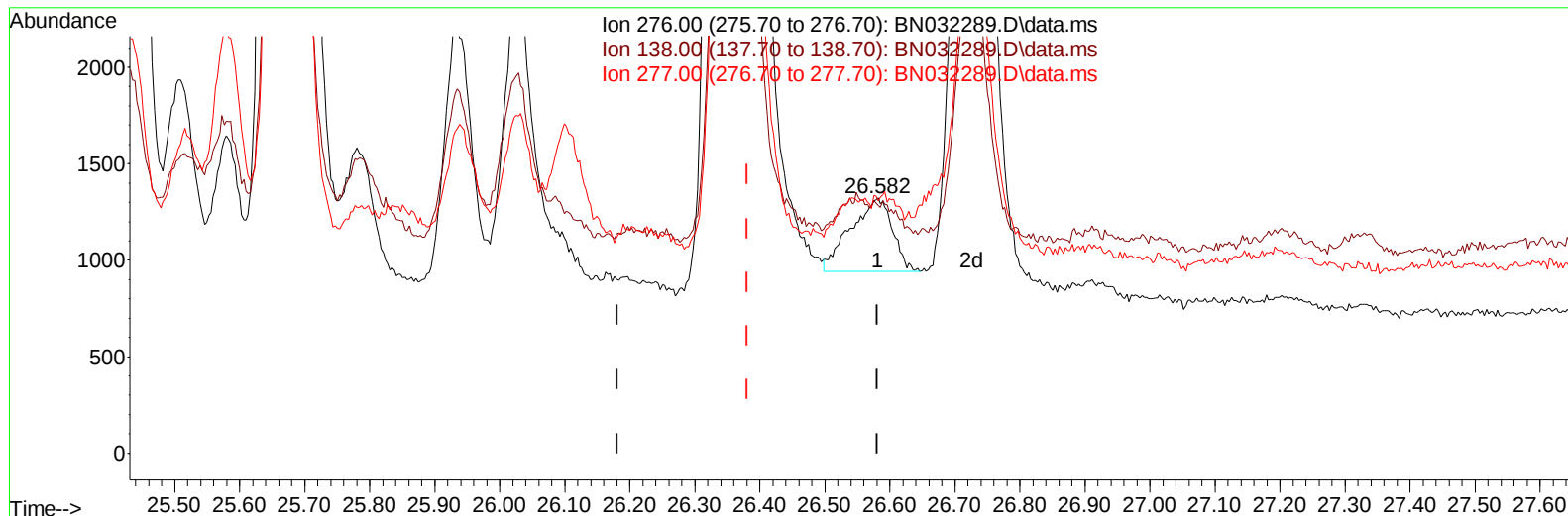
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032289.D
Acq On : 27 Jun 2024 20:42
Operator : MA/JU
Sample : P2909-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B81

Manual IntegrationsAPPROVED

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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: BN032289.D\data.ms

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

26.582min (+ 0.201) 0.02 ng/u1

response 1698

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	97.13#
277.00	24.70	98.87#
0.00	0.00	0.00

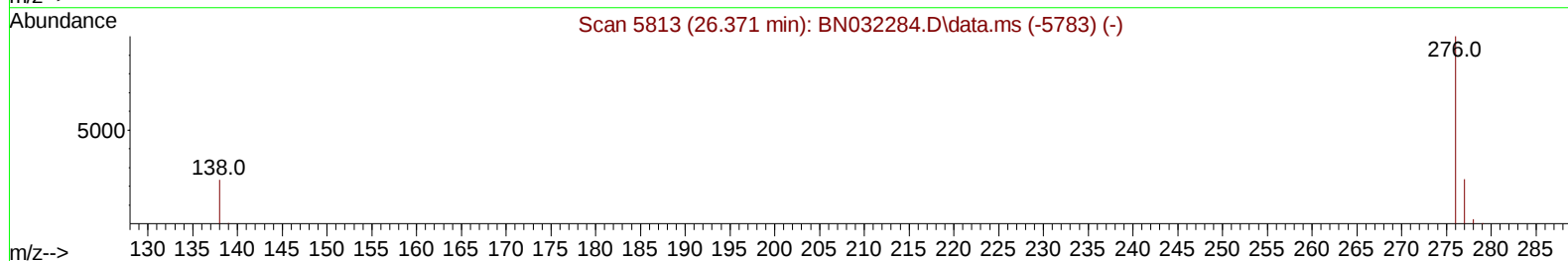
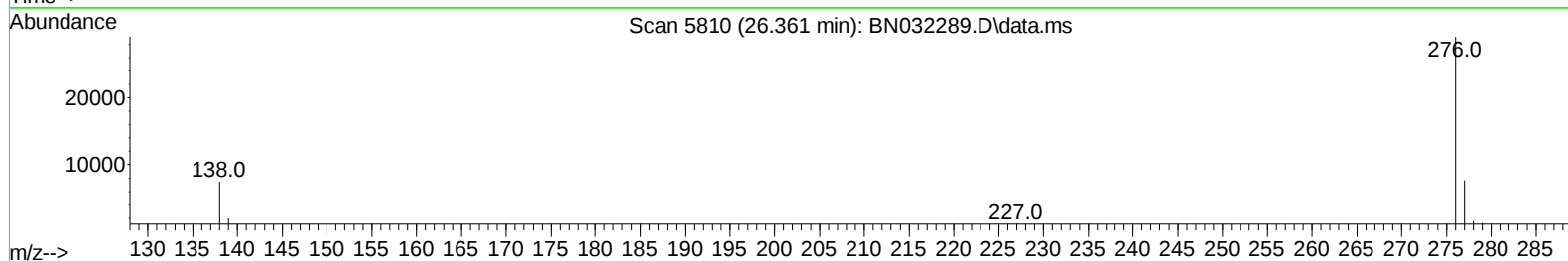
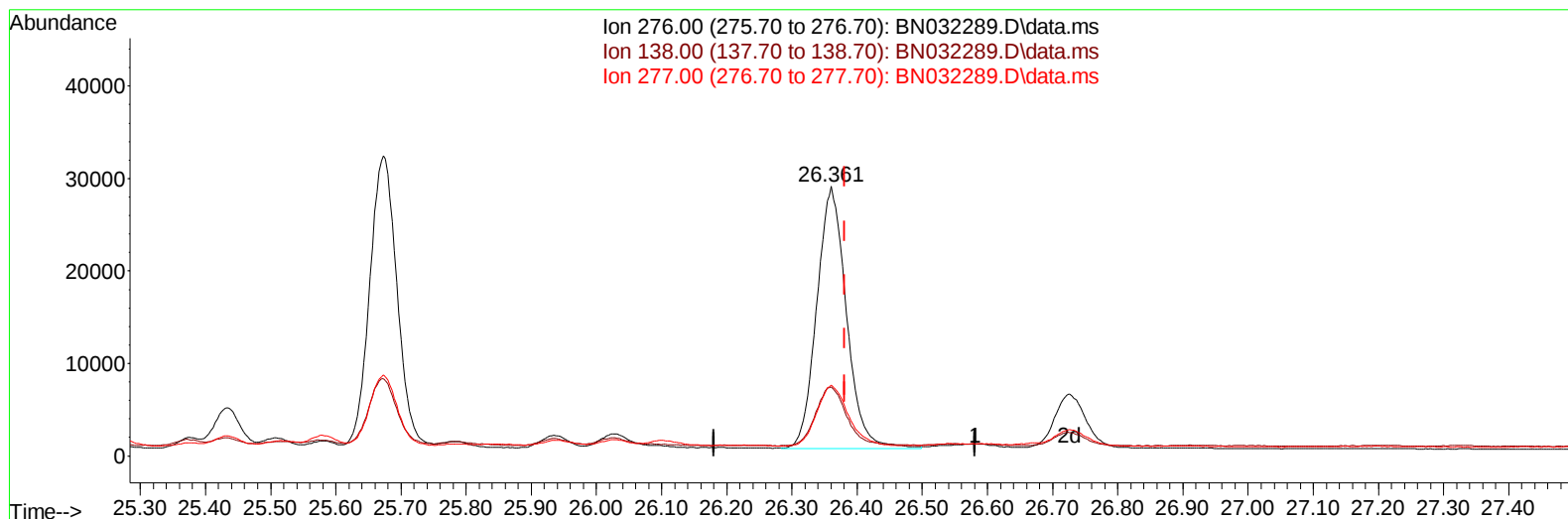
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032289.D
Acq On : 27 Jun 2024 20:42
Operator : MA/JU
Sample : P2909-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B81

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:27:42 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: BN032289.D\data.ms

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

26.361min (-0.020) 1.21 ng/ul m

response 89407

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	25.68
277.00	24.70	26.26
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
 Data File : BN032289.D
 Acq On : 27 Jun 2024 20:42
 Operator : MA/JU
 Sample : P2909-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B81

Manual IntegrationsAPPROVED

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

Quant Time: Jun 28 00:27:42 2024
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 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	7370	0.400	ng/ul	0.00
4) Naphthalene-d8	10.393	136	21426	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.267	164	11671	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.020	188	22110m	0.400	ng/ul	0.00
17) Chrysene-d12	21.217	240	17862m	0.400	ng/ul	0.00
23) Perylene-d12	23.439	264	19649m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	31453	3.839	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	7982	0.248	ng/ul	0.00
18) Fluoranthene-d10	19.055	212	15416m	0.287	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.442	128	3290	0.058	ng/ul#	89
7) 2-Methylnaphthalene	12.070	142	1316	0.035	ng/ul	98
8) 1-Methylnaphthalene	12.290	142	893	0.023	ng/ul	95
10) Acenaphthylene	13.985	152	4630	0.095	ng/ul#	92
11) Acenaphthene	14.327	153	6257	0.166	ng/ul	99
12) Fluorene	15.317	166	7641	0.170	ng/ul	99
15) Phenanthrene	17.058	178	128558m	2.121	ng/ul	
16) Anthracene	17.151	178	27778m	0.514	ng/ul	
19) Fluoranthene	19.083	202	269674m	3.965	ng/ul	
20) Pyrene	19.450	202	221823m	3.121	ng/ul	
21) Benzo(a)anthracene	21.203	228	115814m	1.796	ng/ul	
22) Chrysene	21.255	228	129495m	1.830	ng/ul	
24) Benzo(b)fluoranthene	22.772	252	174846m	2.048	ng/ul	
25) Benzo(k)fluoranthene	22.810	252	69245m	0.835	ng/ul	
26) Benzo(a)pyrene	23.339	252	112804m	1.899	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.673	276	89992m	0.968	ng/ul	
28) Dibenzo(a,h)anthracene	25.680	278	23831m	0.345	ng/ul	
29) Benzo(g,h,i)perylene	26.361	276	89407m	1.207	ng/ul	

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

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