

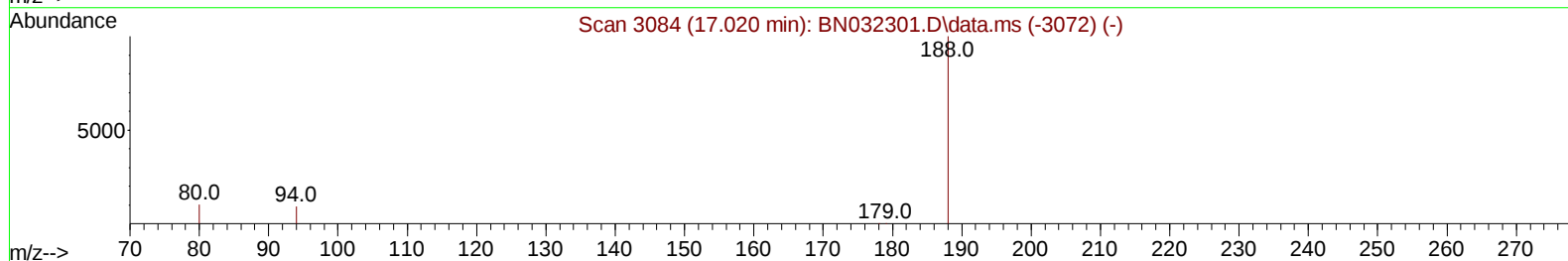
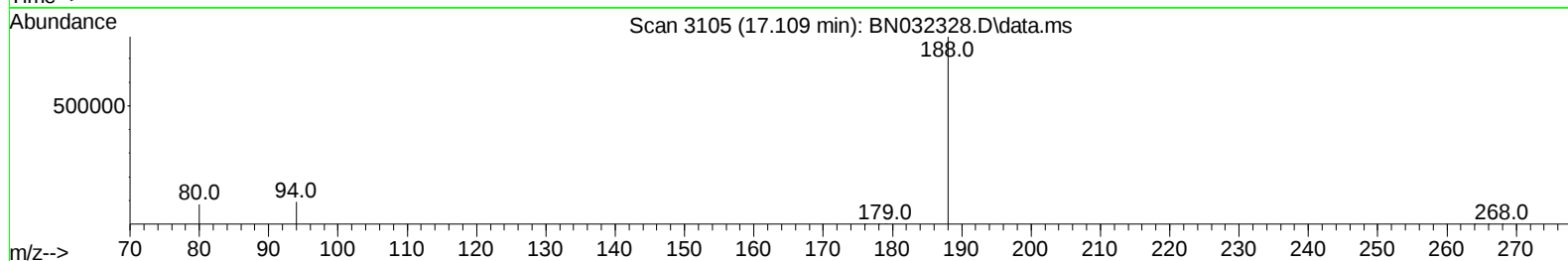
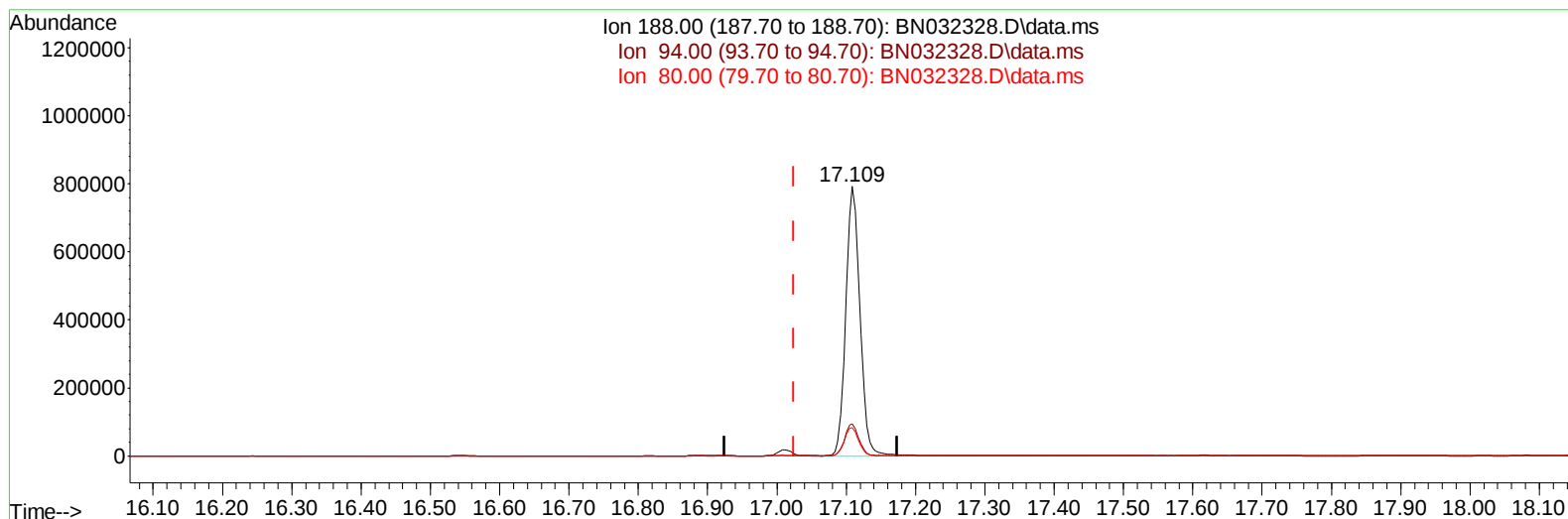
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032328.D
Acq On : 29 Jun 2024 00:16
Operator : MA/JU
Sample : P2934-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B73

Manual IntegrationsAPPROVED

Quant Time: Jun 29 00:52:10 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: BN032328.D\data.ms

(13) Phenanthrene-d10 (I)

17.109min (+ 0.084) 0.40 ng/u1

response 1125942

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.86
80.00	10.50	10.43
0.00	0.00	0.00

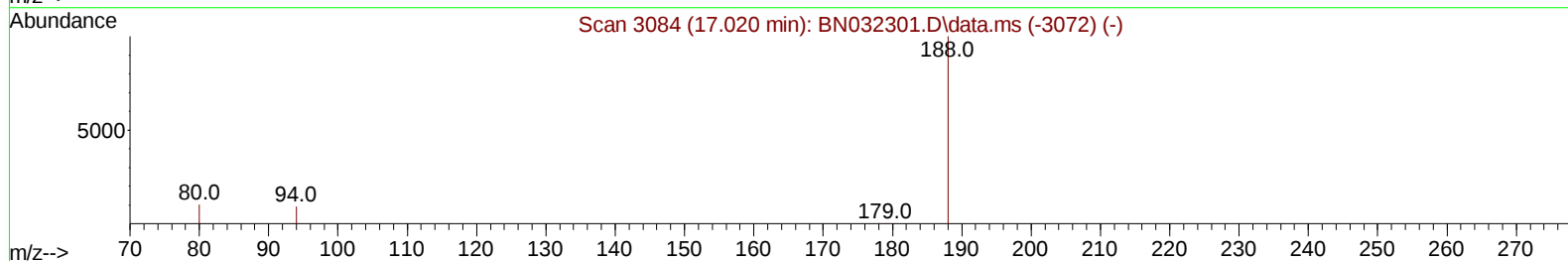
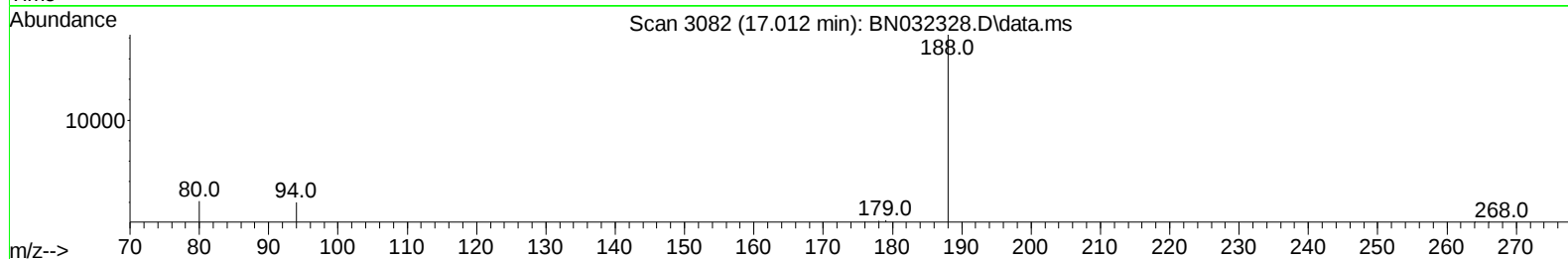
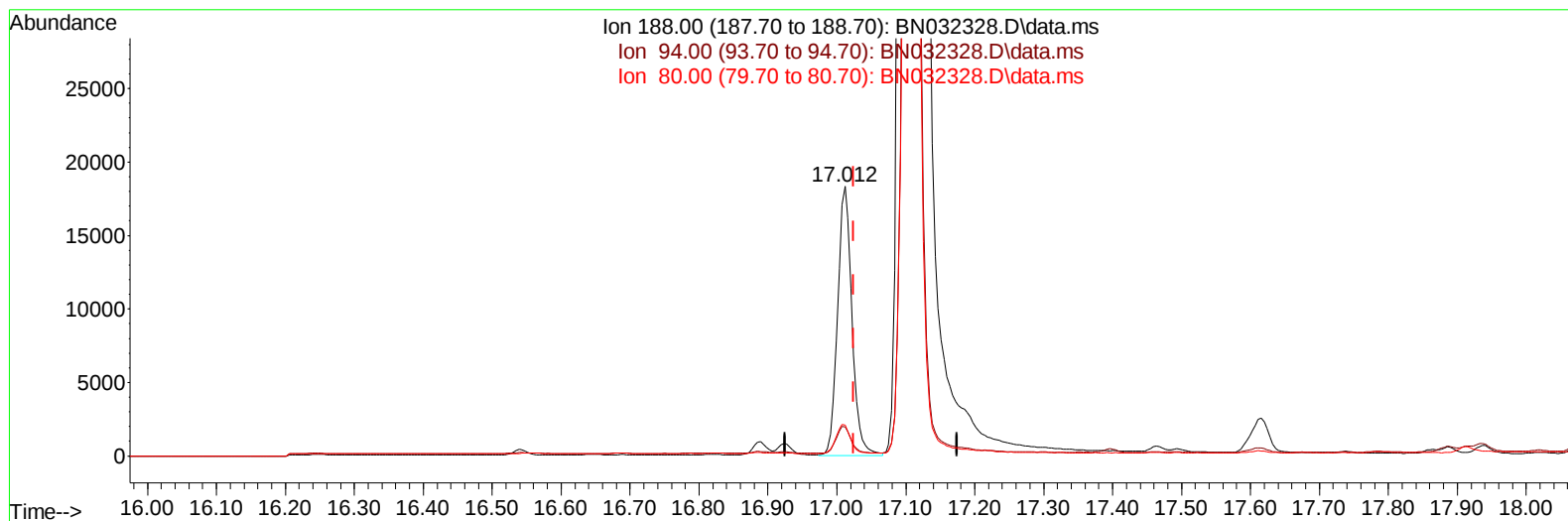
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032328.D
Acq On : 29 Jun 2024 00:16
Operator : MA/JU
Sample : P2934-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B73

Manual IntegrationsAPPROVED

Quant Time: Jun 29 00:52:10 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: BN032328.D\data.ms

(13) Phenanthrene-d10 (I)

17.012min (-0.013) 0.40 ng/u1 m

response 26633

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	10.86
80.00	10.50	11.45
0.00	0.00	0.00

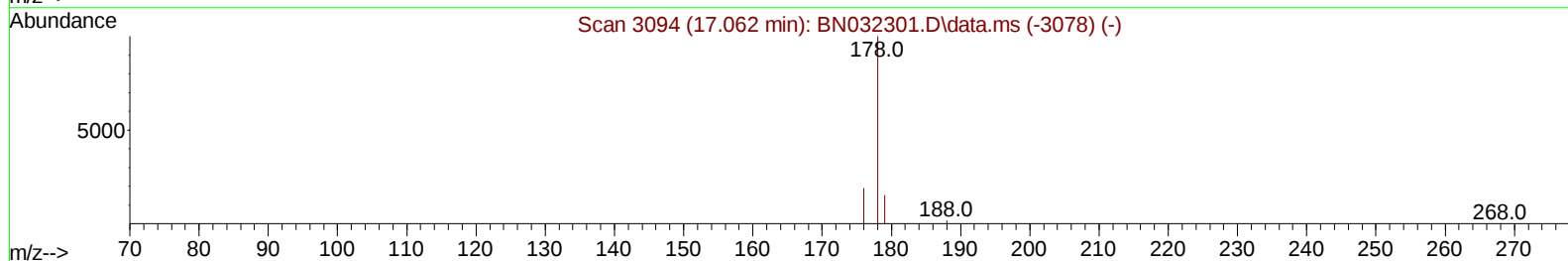
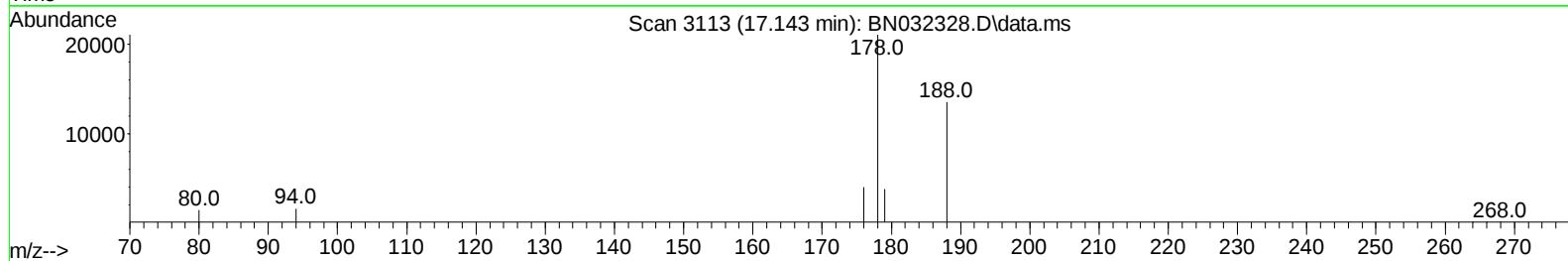
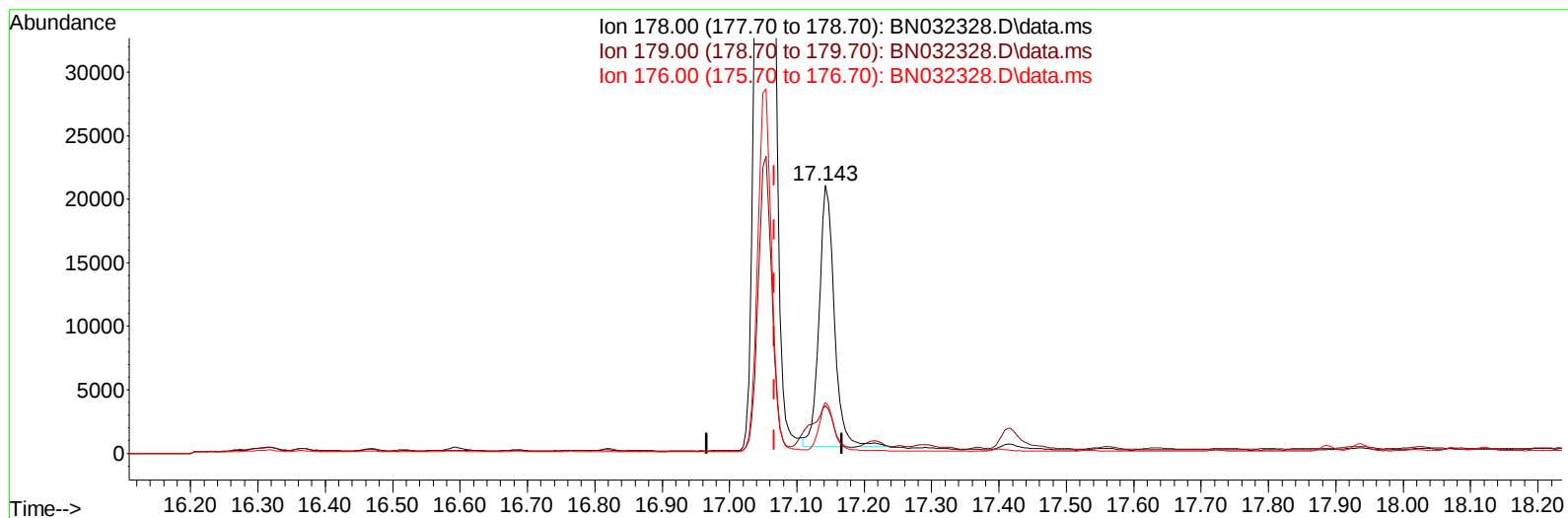
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032328.D
Acq On : 29 Jun 2024 00:16
Operator : MA/JU
Sample : P2934-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B73

Manual IntegrationsAPPROVED

Quant Time: Jun 29 00:52:10 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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TIC: BN032328.D\data.ms

(15) Phenanthrene

17.143min (+ 0.076) 0.44 ng/u1

response 32314

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	17.78
176.00	19.50	18.92
0.00	0.00	0.00

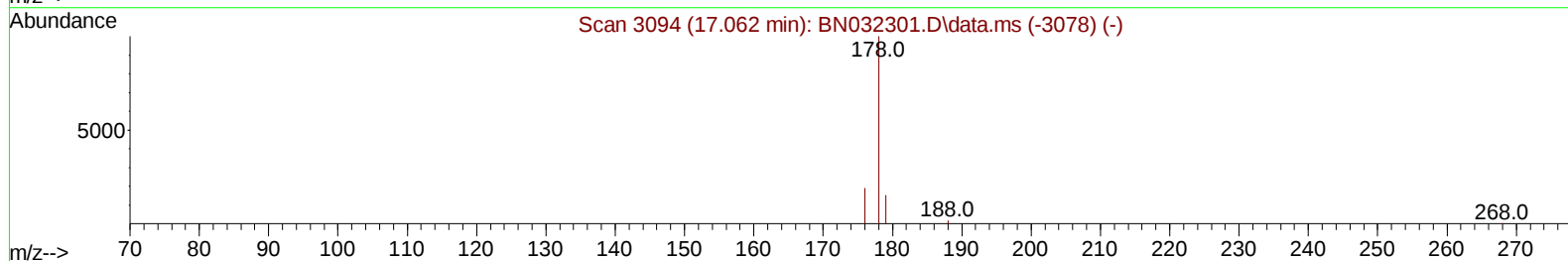
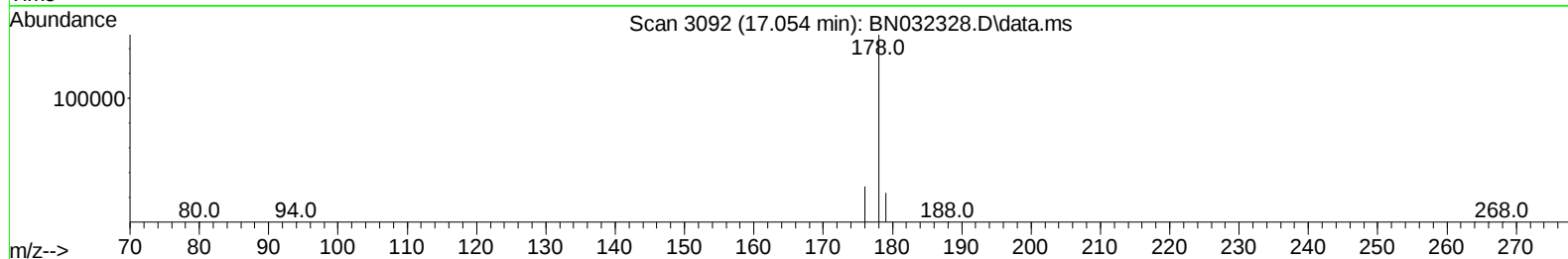
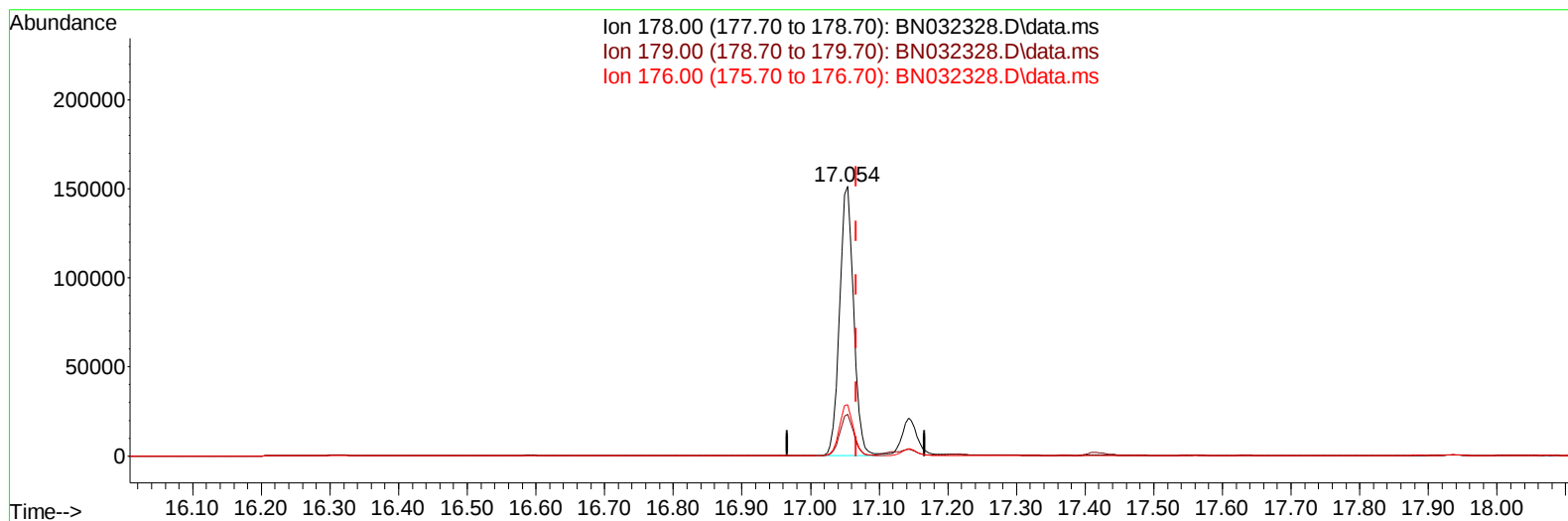
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032328.D
Acq On : 29 Jun 2024 00:16
Operator : MA/JU
Sample : P2934-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B73

Manual IntegrationsAPPROVED

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

Quant Time: Jun 29 00:52:10 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: BN032328.D\data.ms

(15) Phenanthrene

17.054min (-0.013) 2.98 ng/u1 m

response 217620

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.48
176.00	19.50	19.00
0.00	0.00	0.00

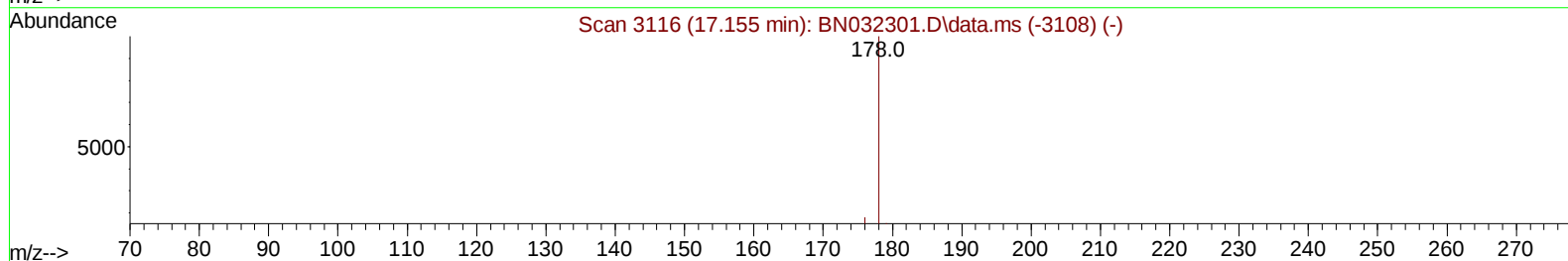
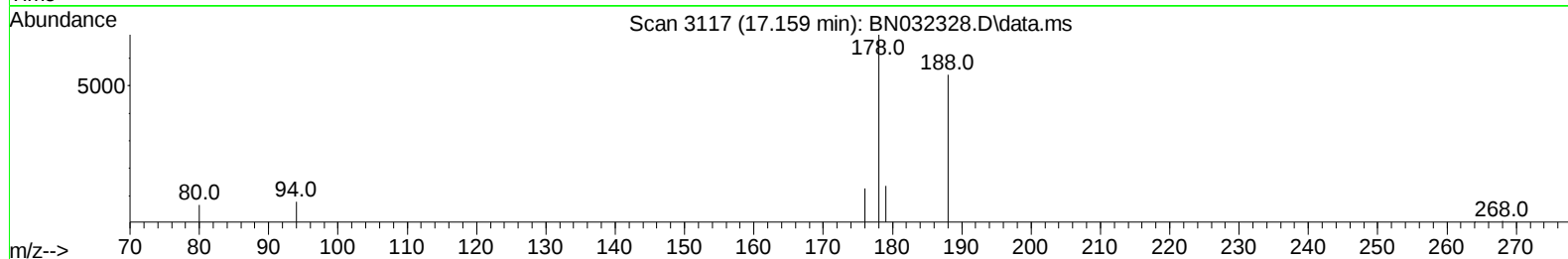
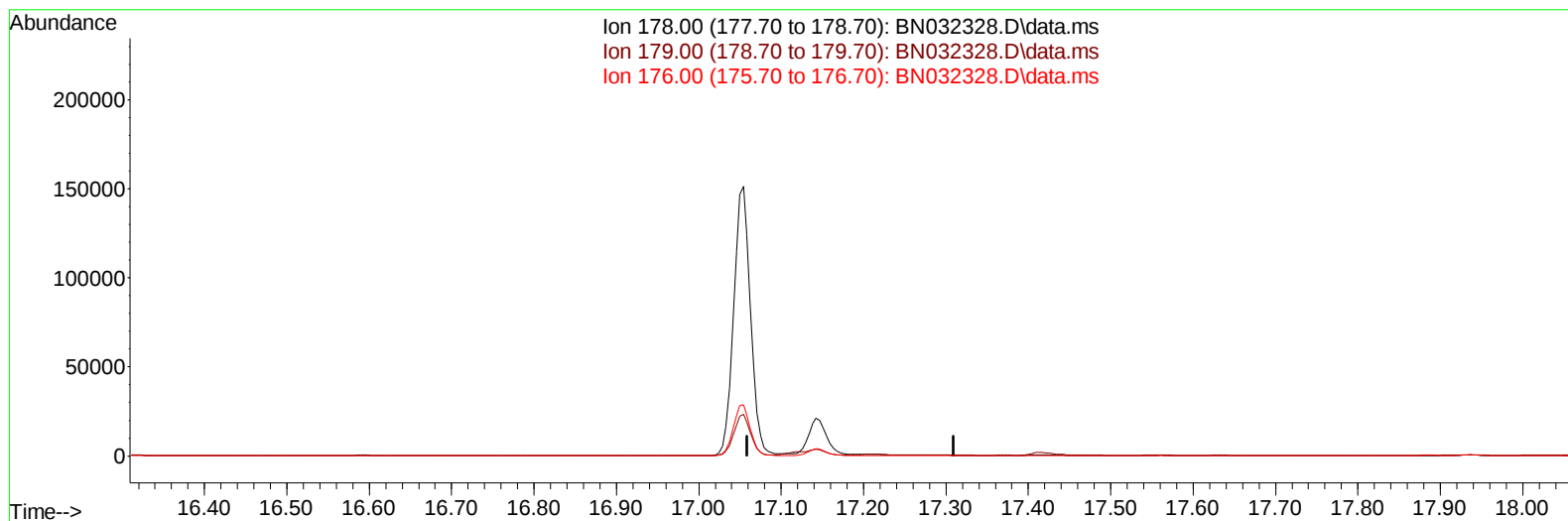
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032328.D
Acq On : 29 Jun 2024 00:16
Operator : MA/JU
Sample : P2934-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B73

Manual IntegrationsAPPROVED

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

Quant Time: Jun 29 00:52:10 2024
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Response via : Initial Calibration



TIC: BN032328.D\data.ms

(16) Anthracene

17.160min (-17.160) 0.00 ng/u1

response 0

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

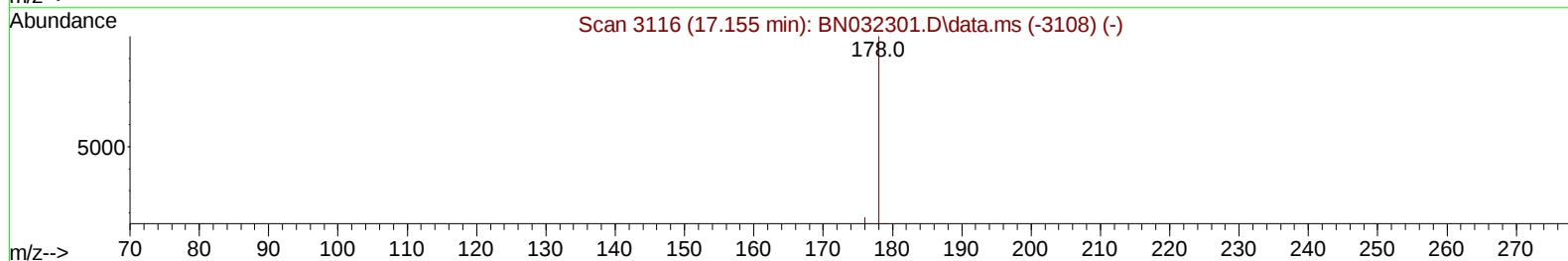
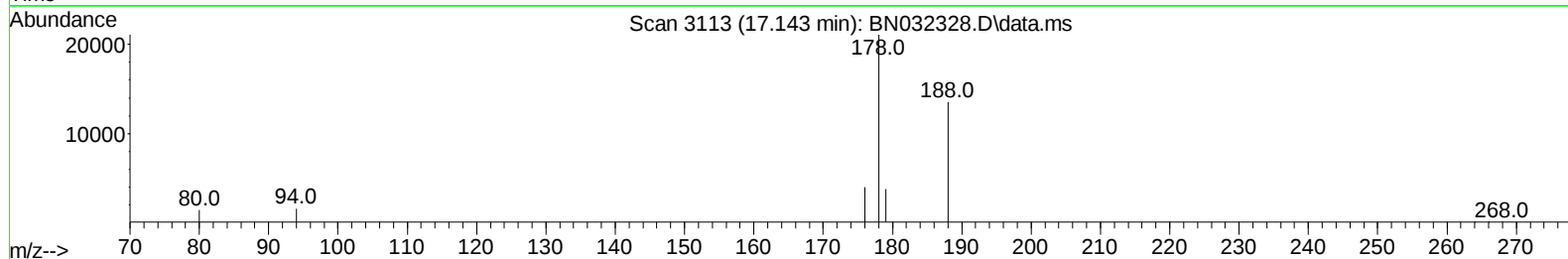
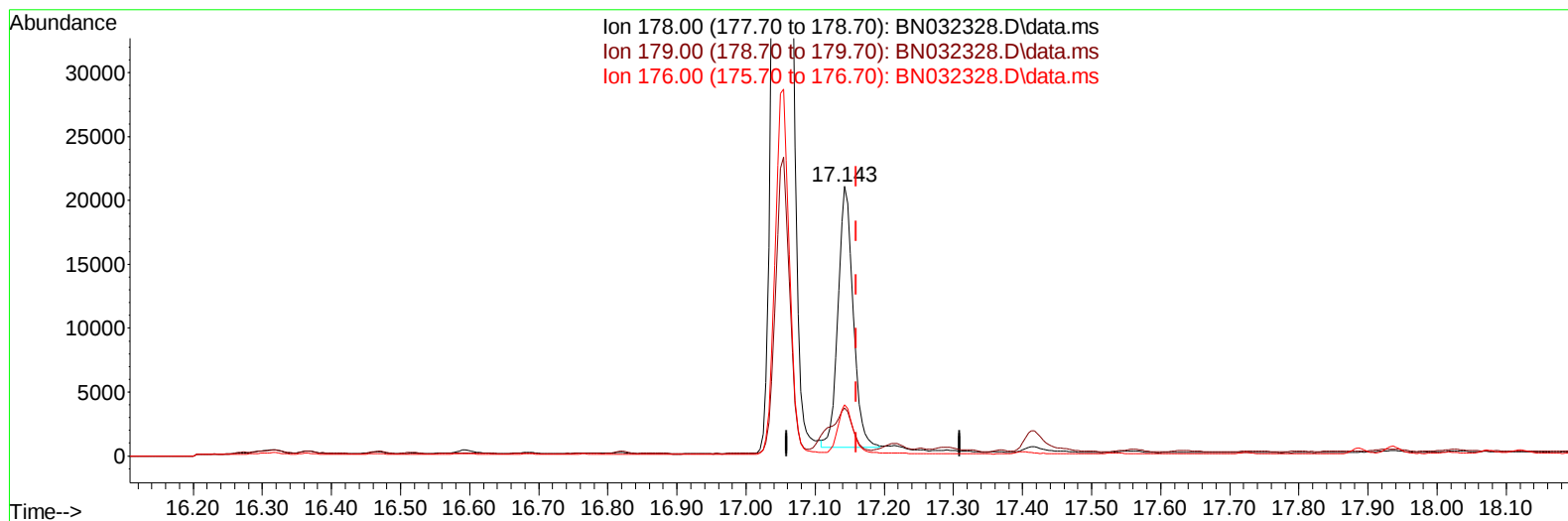
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032328.D
Acq On : 29 Jun 2024 00:16
Operator : MA/JU
Sample : P2934-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B73

Manual IntegrationsAPPROVED

Quant Time: Jun 29 00:52:10 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: BN032328.D\data.ms

(16) Anthracene

17.143min (-0.017) 0.47 ng/ul m

response 30853

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	17.78
176.00	18.80	18.92
0.00	0.00	0.00

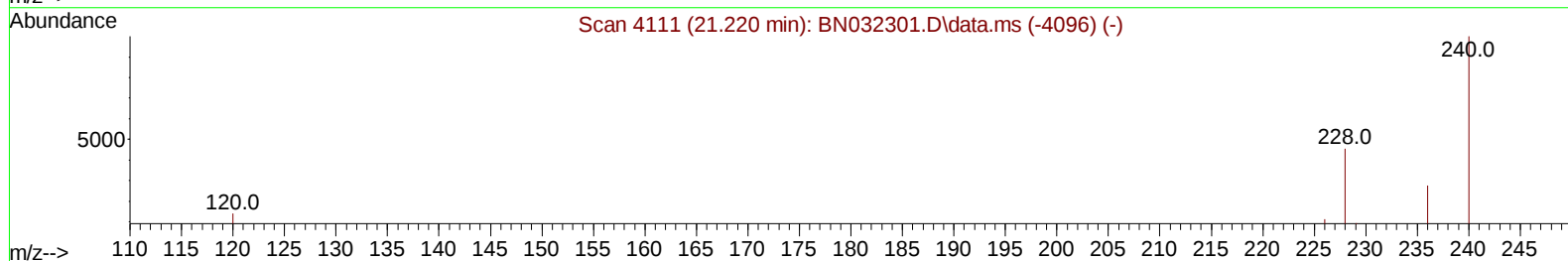
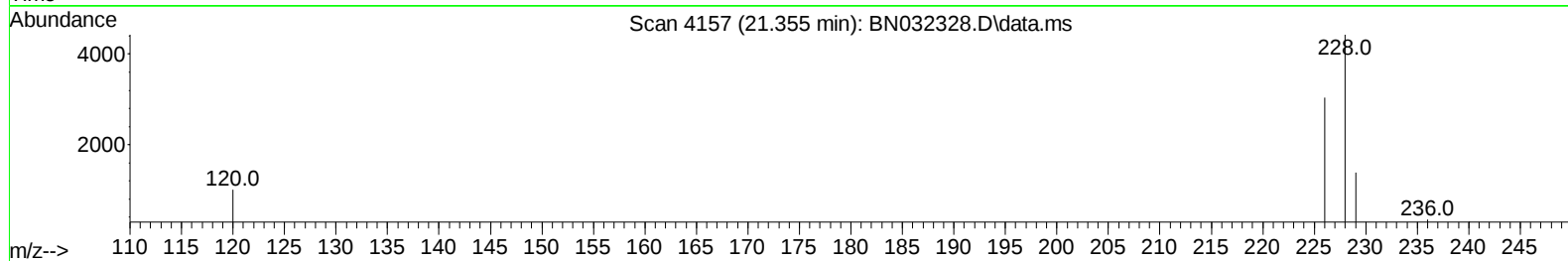
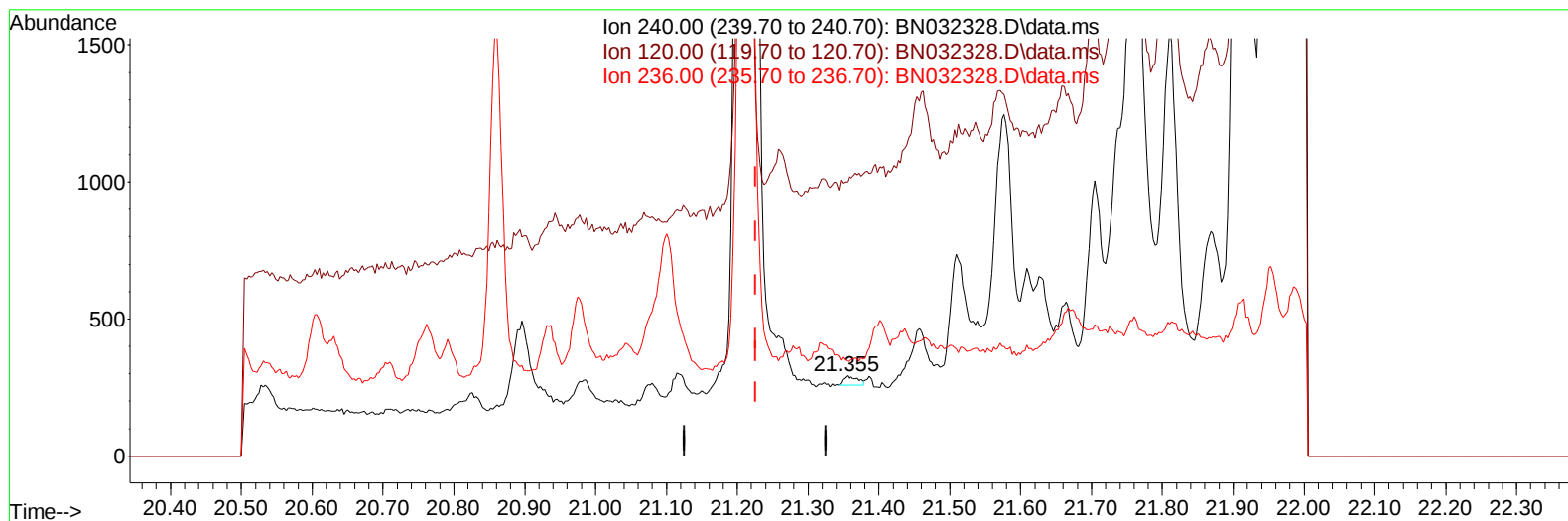
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032328.D
Acq On : 29 Jun 2024 00:16
Operator : MA/JU
Sample : P2934-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B73

Manual IntegrationsAPPROVED

Quant Time: Jun 29 00:52:10 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: BN032328.D\data.ms

(17) Chrysene-d12

21.355min (+ 0.128) 0.40 ng/u1

response 48

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	341.64#
236.00	28.40	118.77#
0.00	0.00	0.00

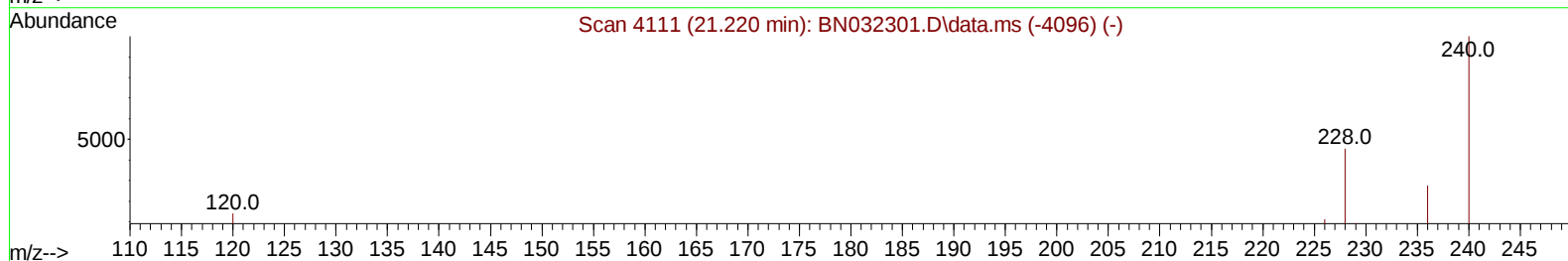
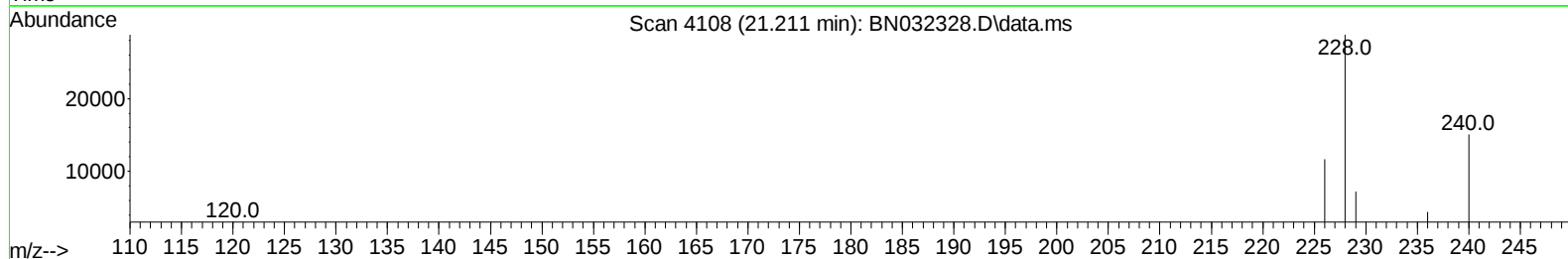
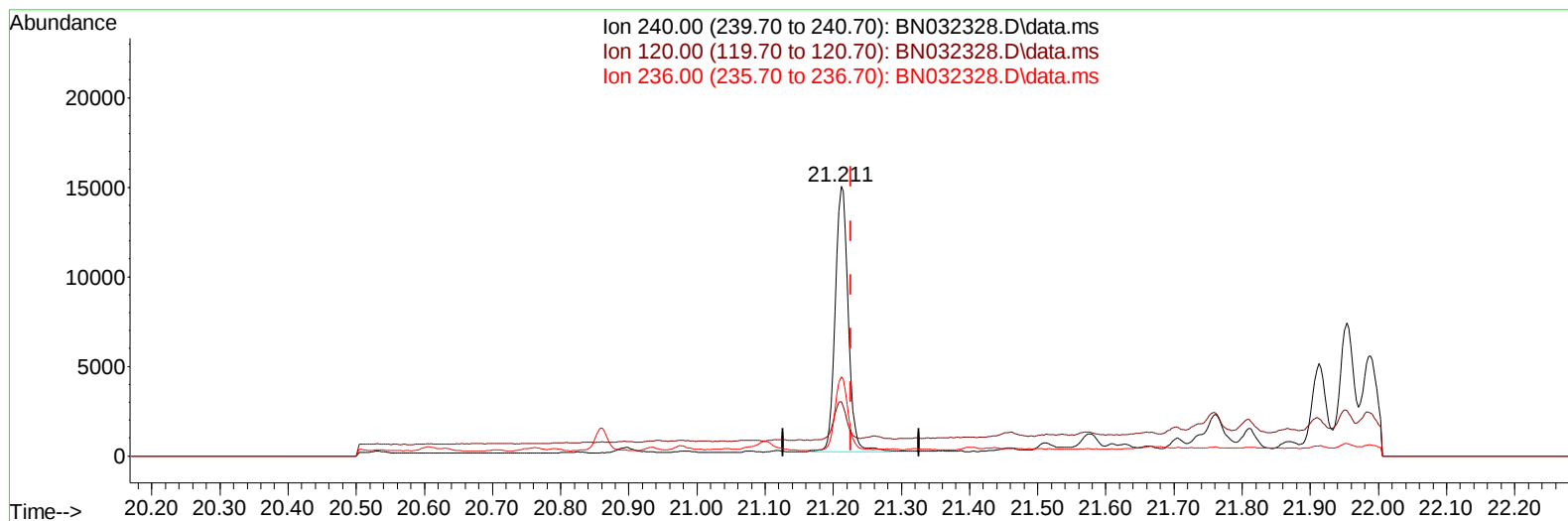
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032328.D
Acq On : 29 Jun 2024 00:16
Operator : MA/JU
Sample : P2934-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B73

Manual IntegrationsAPPROVED

Quant Time: Jun 29 00:52:10 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: BN032328.D\data.ms

(17) Chrysene-d12

21.211min (-0.015) 0.40 ng/u1 m

response 19736

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	20.24#
236.00	28.40	29.31
0.00	0.00	0.00

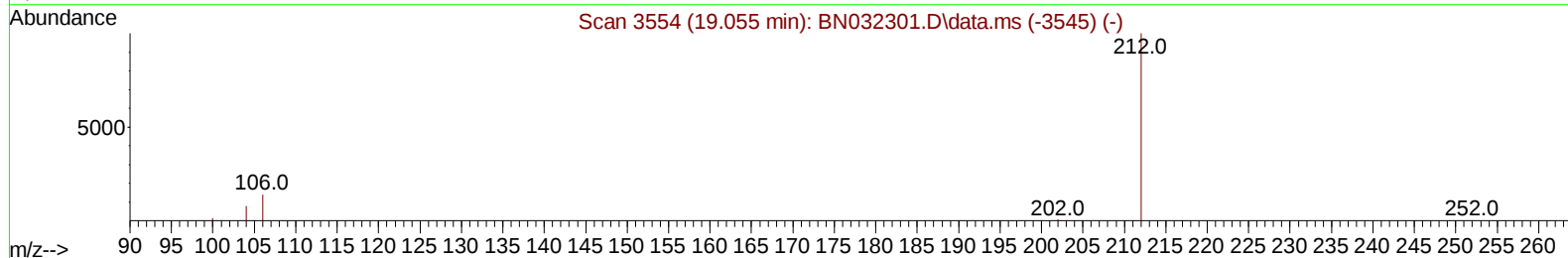
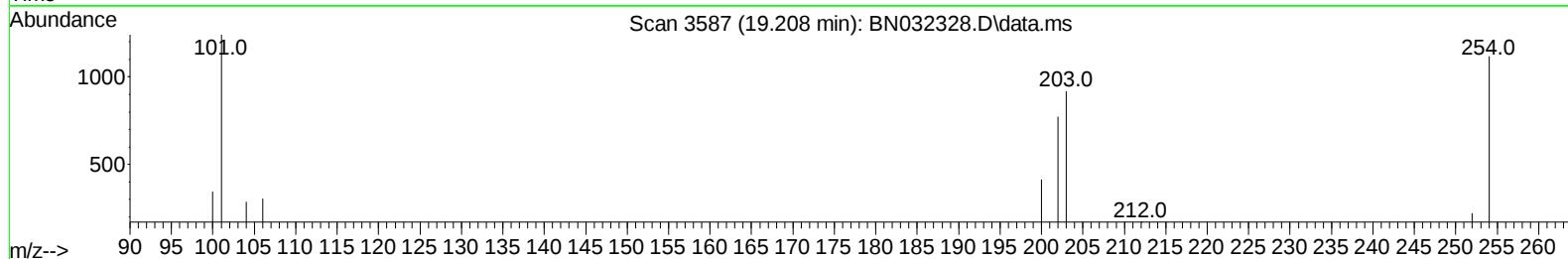
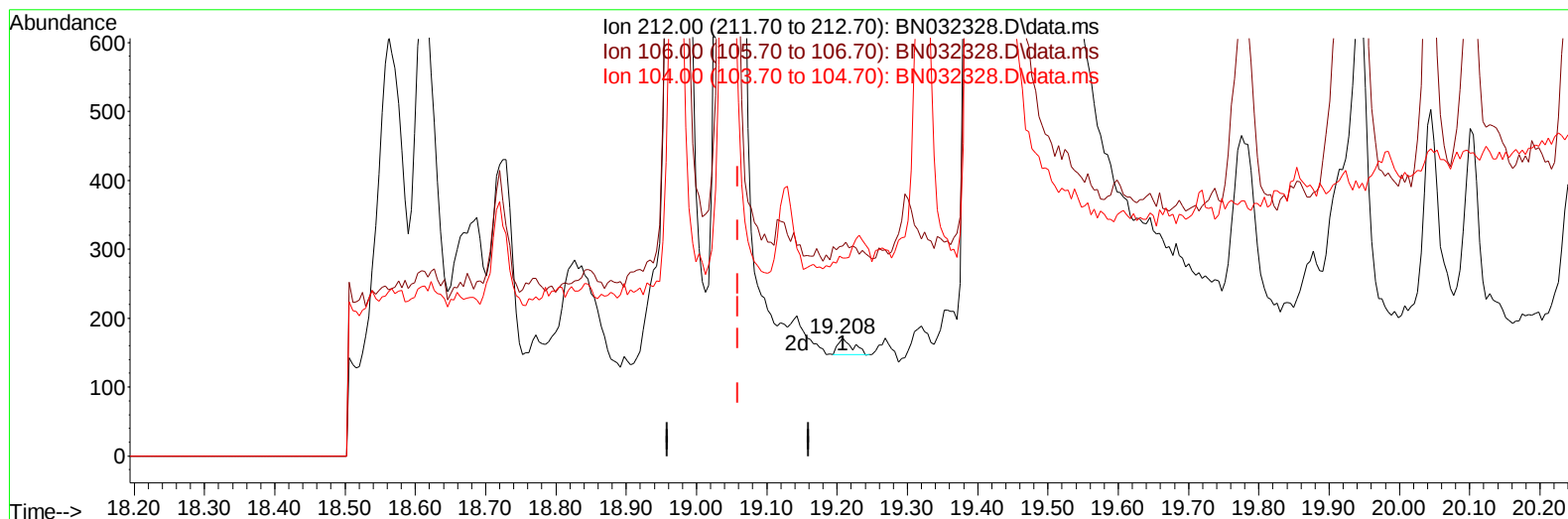
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032328.D
Acq On : 29 Jun 2024 00:16
Operator : MA/JU
Sample : P2934-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B73

Manual IntegrationsAPPROVED

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TIC: BN032328.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.208min (+ 0.149) 0.00 ng/u1

response 35

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	177.14#
104.00	8.40	0.00#
0.00	0.00	0.00

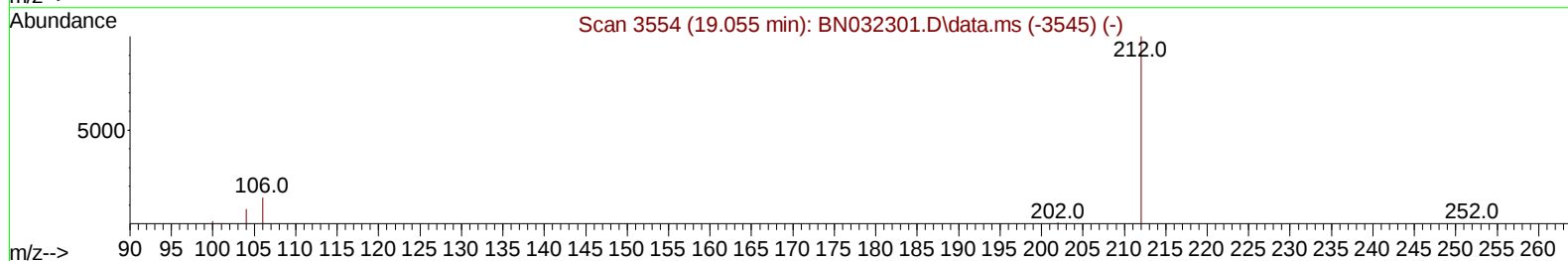
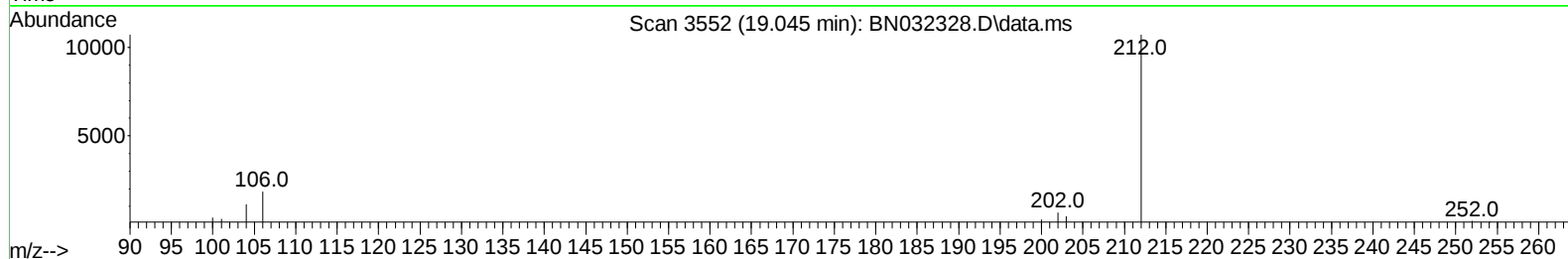
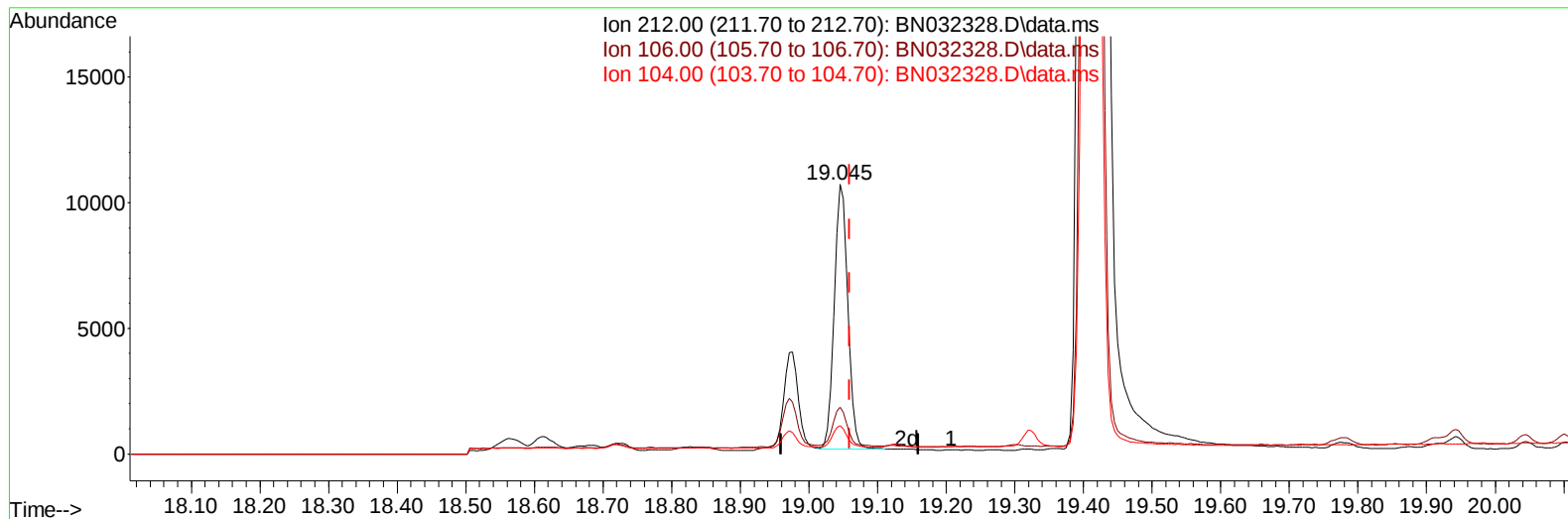
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032328.D
Acq On : 29 Jun 2024 00:16
Operator : MA/JU
Sample : P2934-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B73

Manual IntegrationsAPPROVED

Quant Time: Jun 29 00:52:10 2024
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QLast Update : Thu Jun 27 13:23:38 2024
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TIC: BN032328.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.045min (-0.014) 0.25 ng/u1 m

response 14617

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	0.42#
104.00	8.40	0.00#
0.00	0.00	0.00

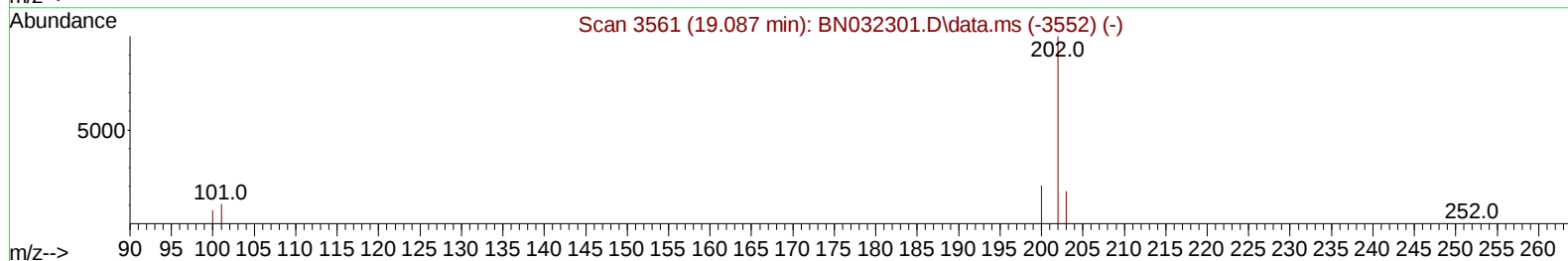
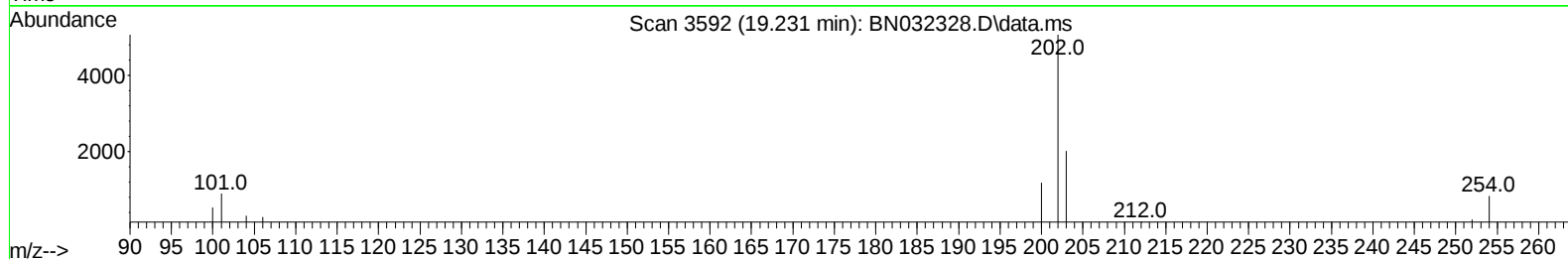
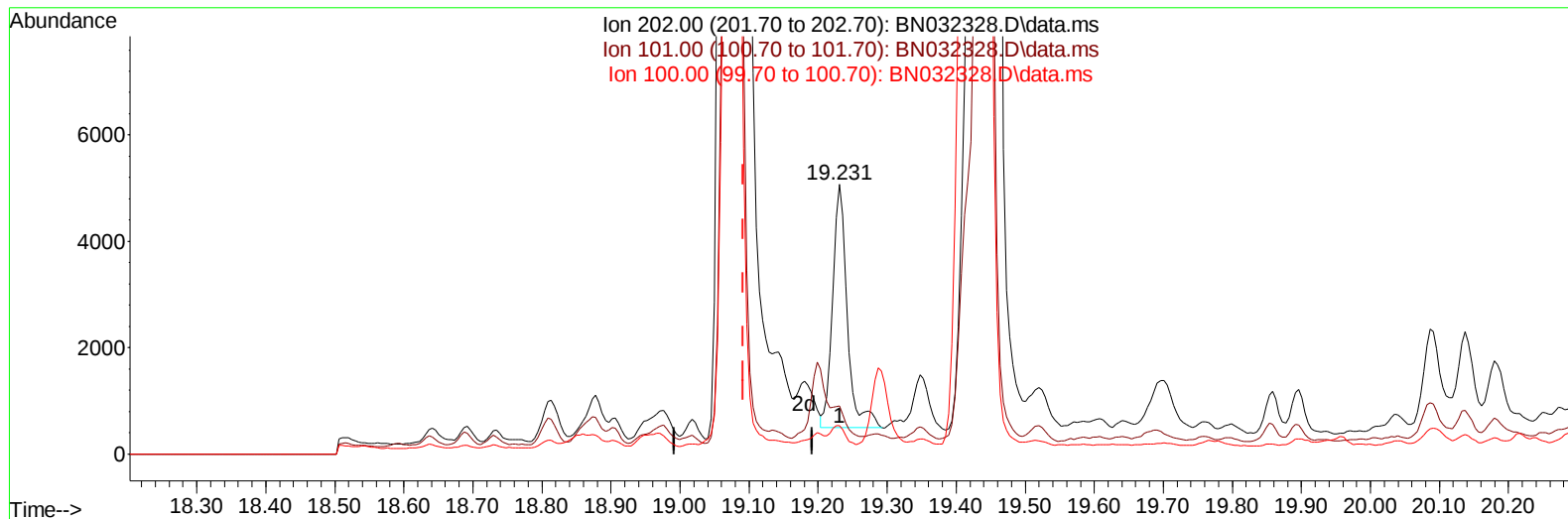
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032328.D
Acq On : 29 Jun 2024 00:16
Operator : MA/JU
Sample : P2934-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B73

Manual IntegrationsAPPROVED

Quant Time: Jun 29 00:52:10 2024
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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032328.D\data.ms

(19) Fluoranthene (C)

19.231min (+ 0.139) 0.09 ng/u1

response 6713

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	17.75#
100.00	8.00	10.61#
0.00	0.00	0.00

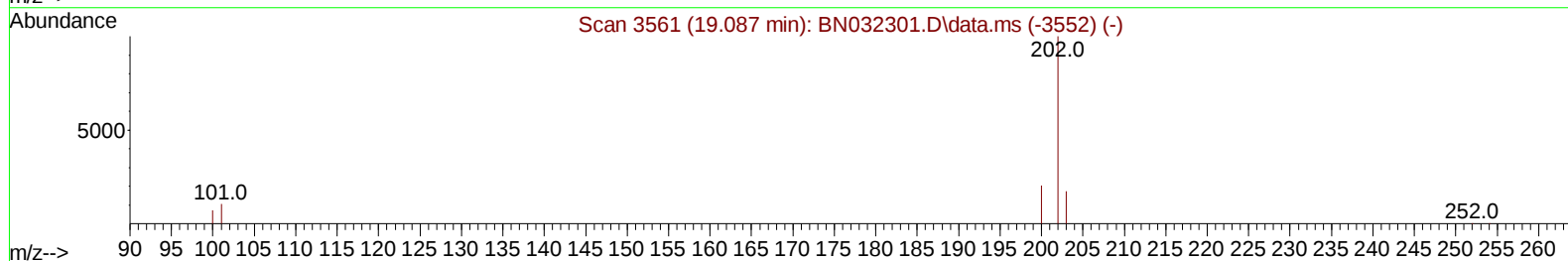
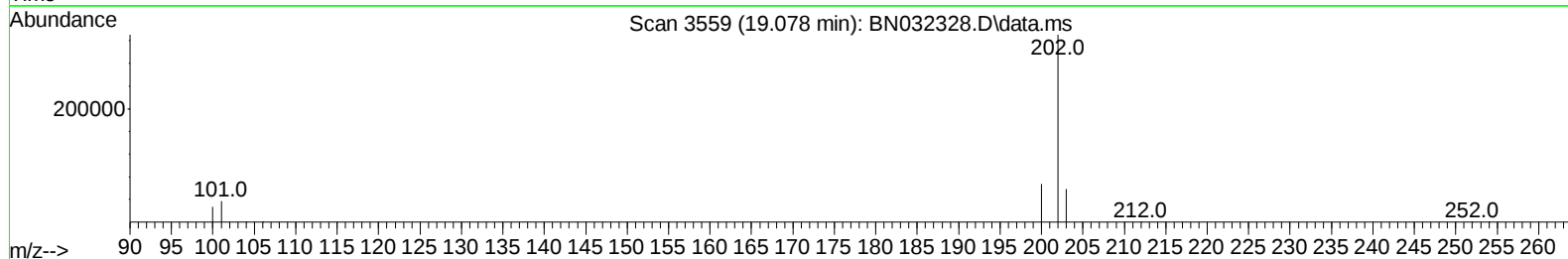
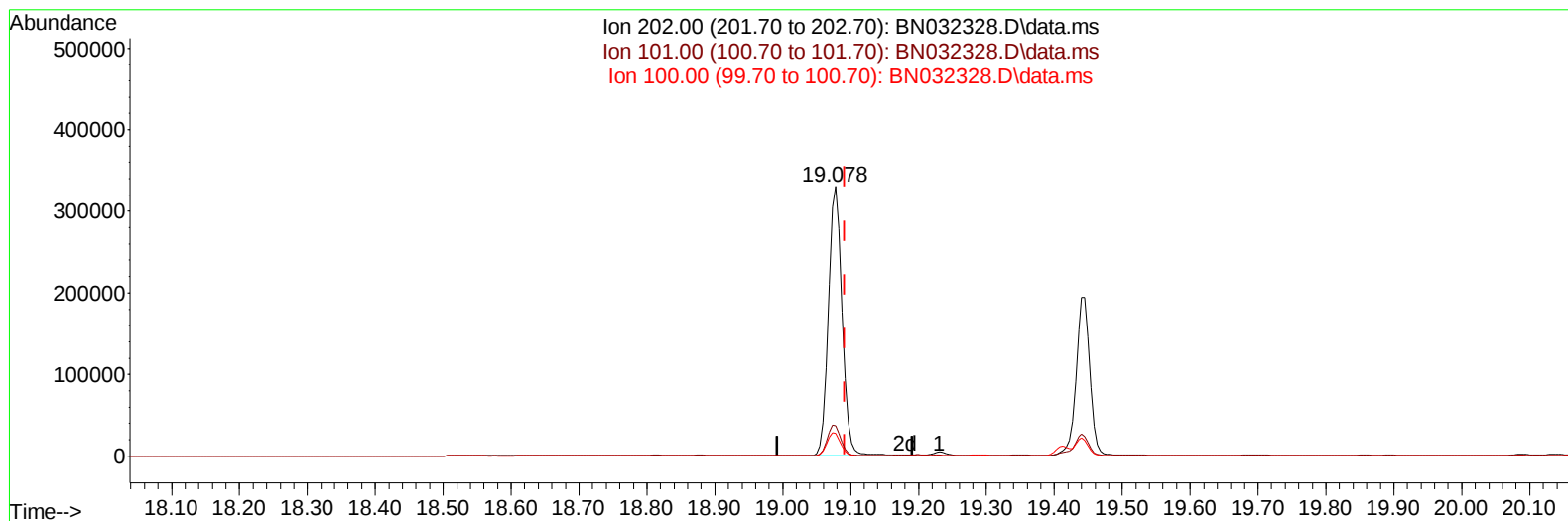
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032328.D
Acq On : 29 Jun 2024 00:16
Operator : MA/JU
Sample : P2934-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B73

Manual IntegrationsAPPROVED

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

Quant Time: Jun 29 00:52:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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Response via : Initial Calibration



TIC: BN032328.D\data.ms

(19) Fluoranthene (C)

19.078min (-0.014) 6.10 ng/ul m

response 458409

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.14
100.00	8.00	8.29
0.00	0.00	0.00

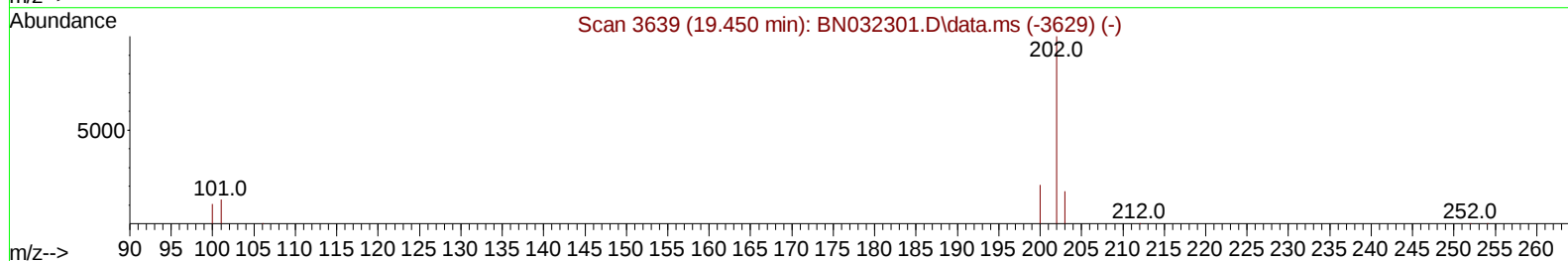
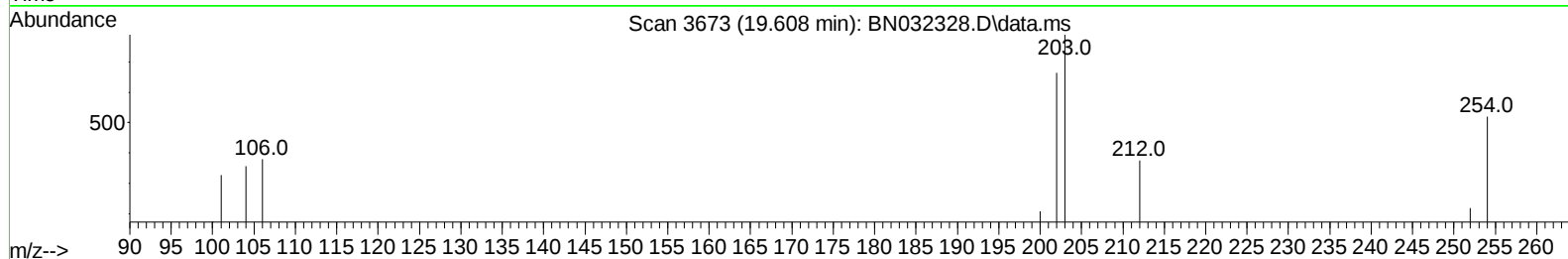
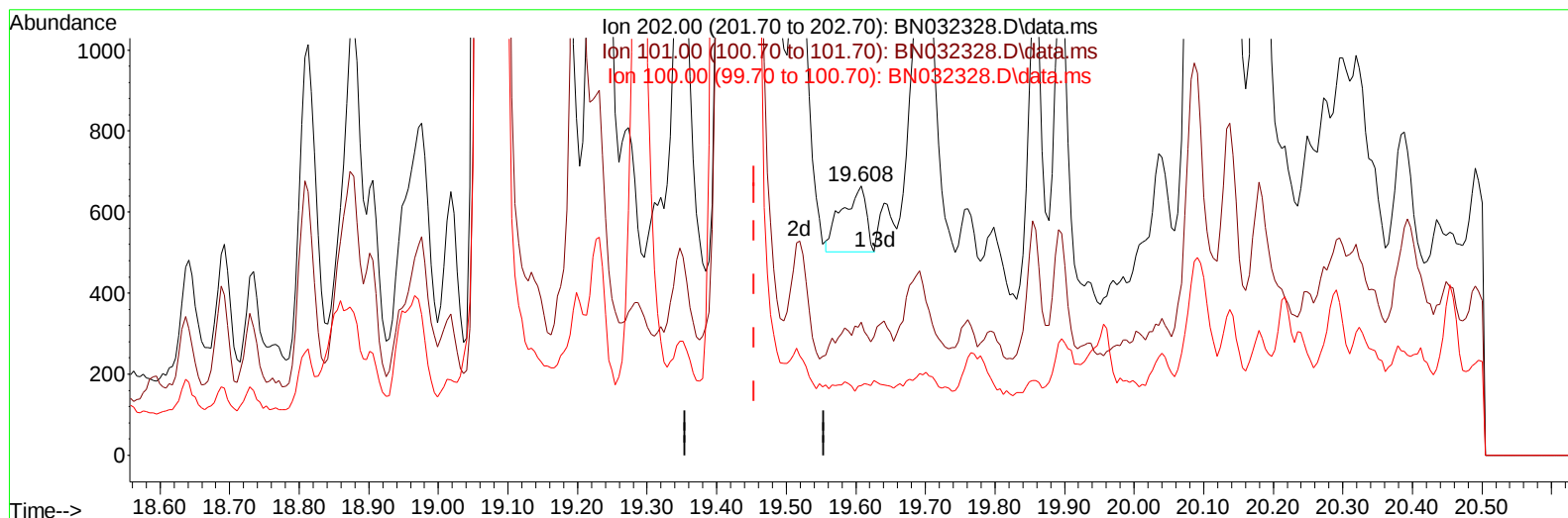
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032328.D
Acq On : 29 Jun 2024 00:16
Operator : MA/JU
Sample : P2934-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B73

Manual IntegrationsAPPROVED

Quant Time: Jun 29 00:52:10 2024
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TIC: BN032328.D\data.ms

(20) Pyrene

19.608min (+ 0.153) 0.00 ng/u1

response 390

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	49.40#
100.00	10.90	25.90#
0.00	0.00	0.00

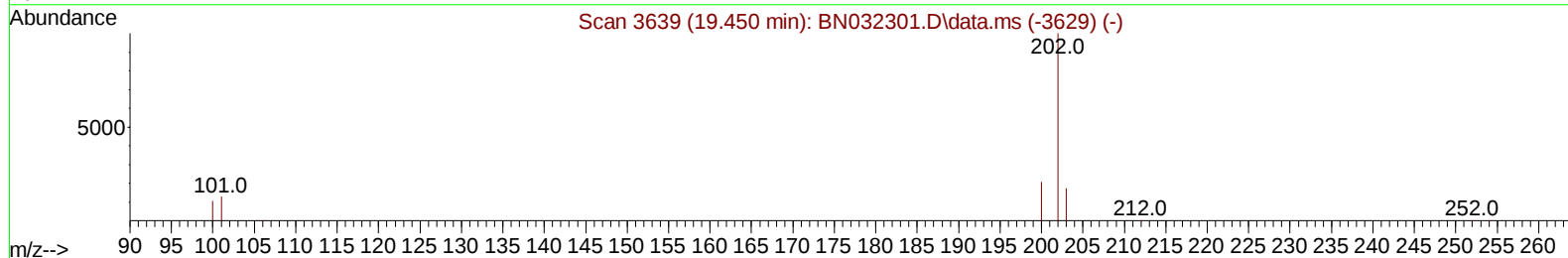
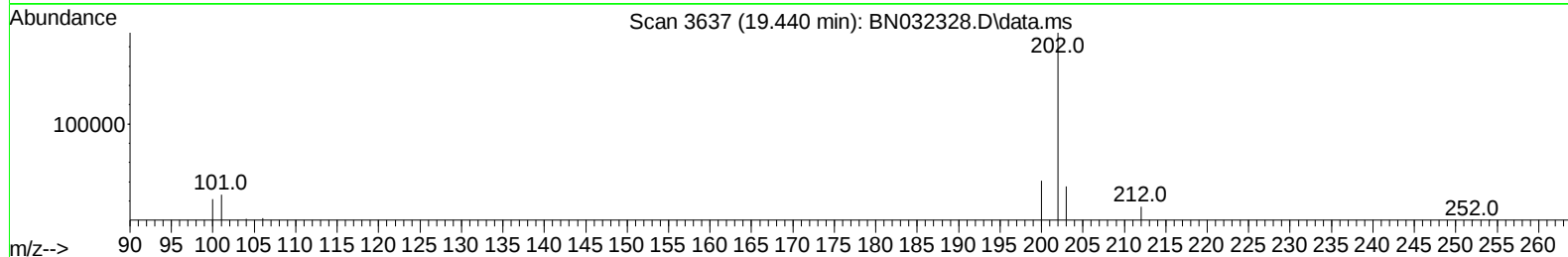
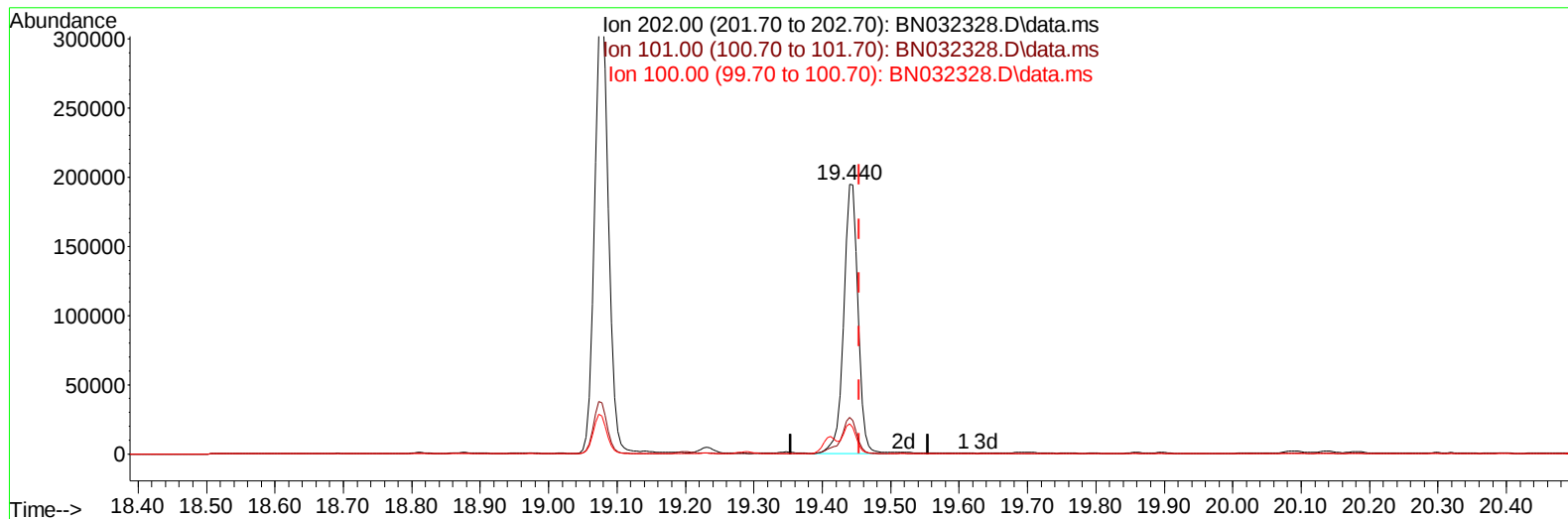
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032328.D
Acq On : 29 Jun 2024 00:16
Operator : MA/JU
Sample : P2934-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B73

Manual IntegrationsAPPROVED

Quant Time: Jun 29 00:52:10 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: BN032328.D\data.ms

(20) Pyrene

19.440min (-0.014) 3.59 ng/u1 m

response 281762

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	13.69
100.00	10.90	11.25
0.00	0.00	0.00

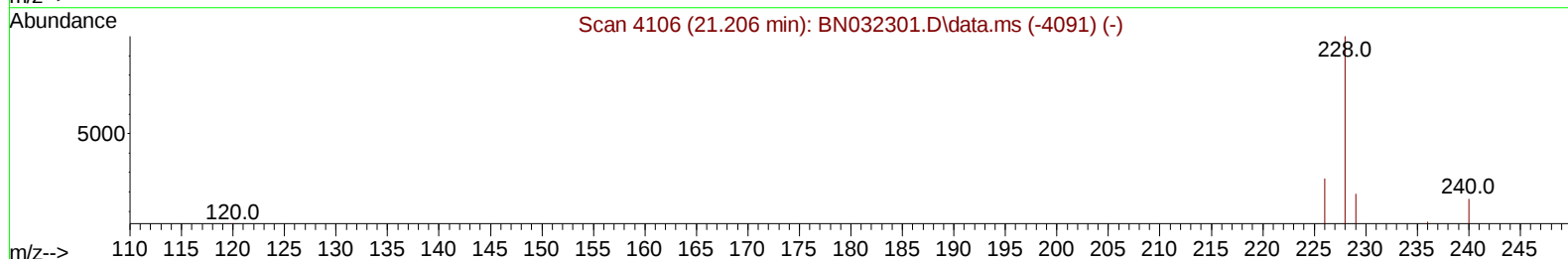
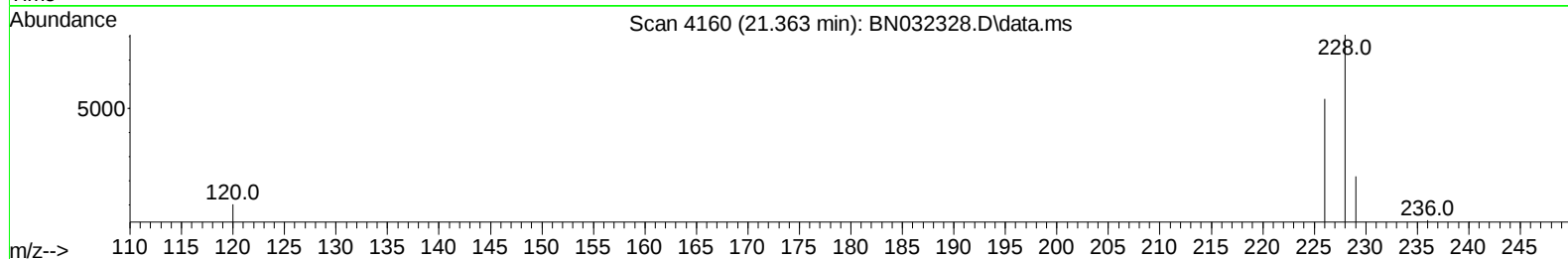
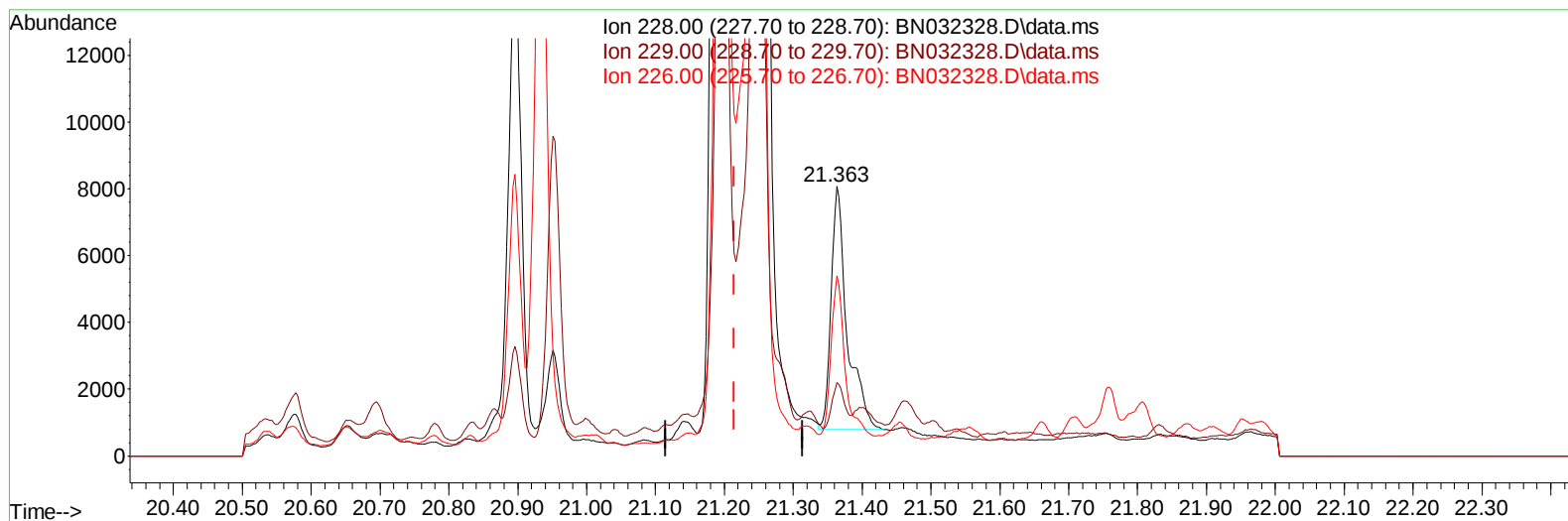
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032328.D
Acq On : 29 Jun 2024 00:16
Operator : MA/JU
Sample : P2934-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B73

Manual IntegrationsAPPROVED

Quant Time: Jun 29 00:52:10 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: BN032328.D\data.ms

(21) Benzo(a)anthracene

21.363min (+ 0.149) 0.17 ng/u1

response 11787

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	27.18#
226.00	27.30	66.85#
0.00	0.00	0.00

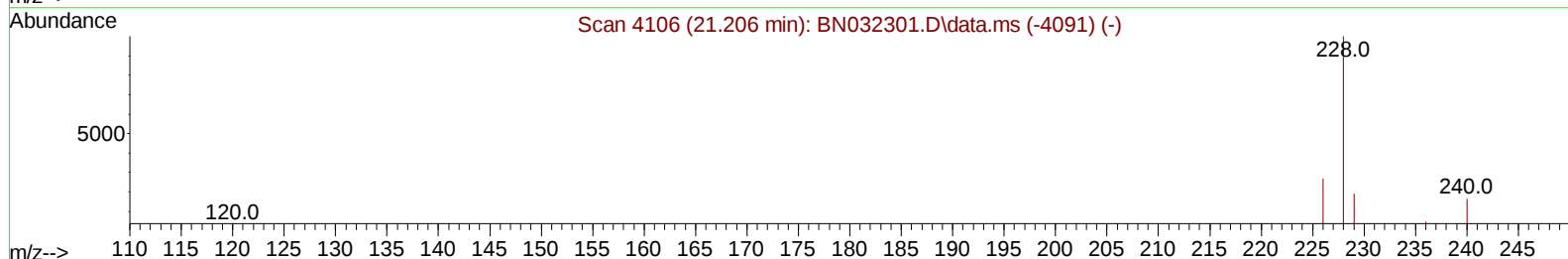
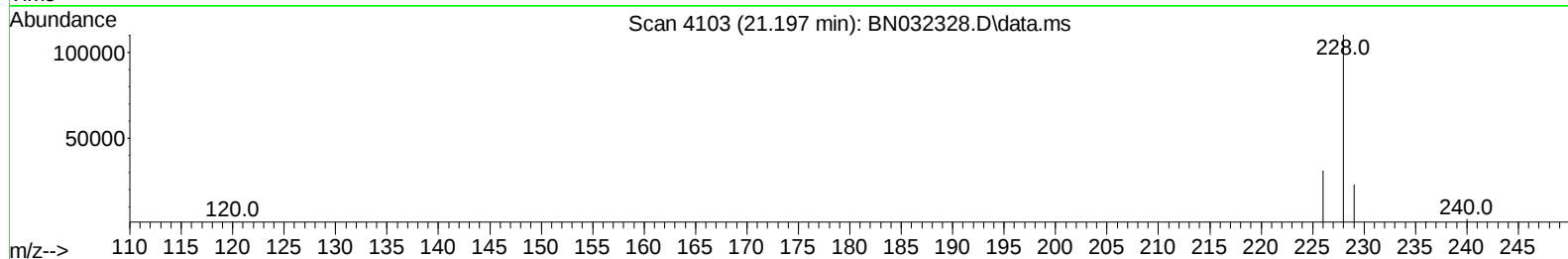
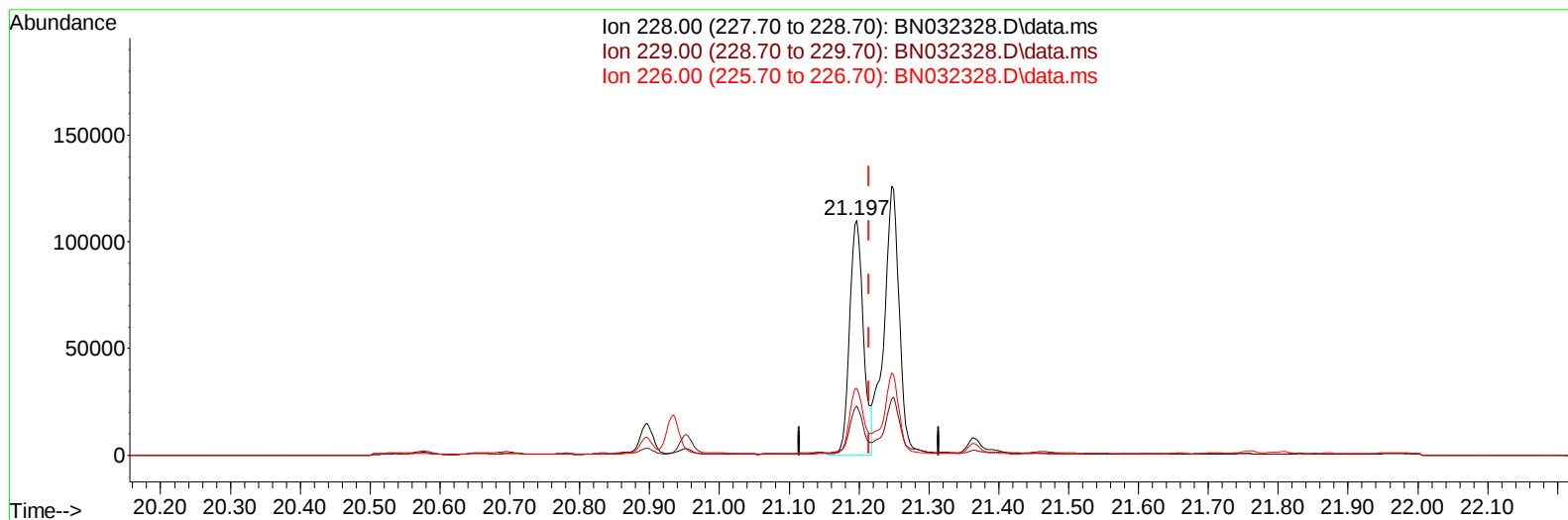
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032328.D
Acq On : 29 Jun 2024 00:16
Operator : MA/JU
Sample : P2934-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B73

Manual IntegrationsAPPROVED

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

Quant Time: Jun 29 00:52:10 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: BN032328.D\data.ms

(21) Benzo(a)anthracene

21.197min (-0.018) 2.12 ng/u1 m

response 150796

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	20.80
226.00	27.30	28.35
0.00	0.00	0.00

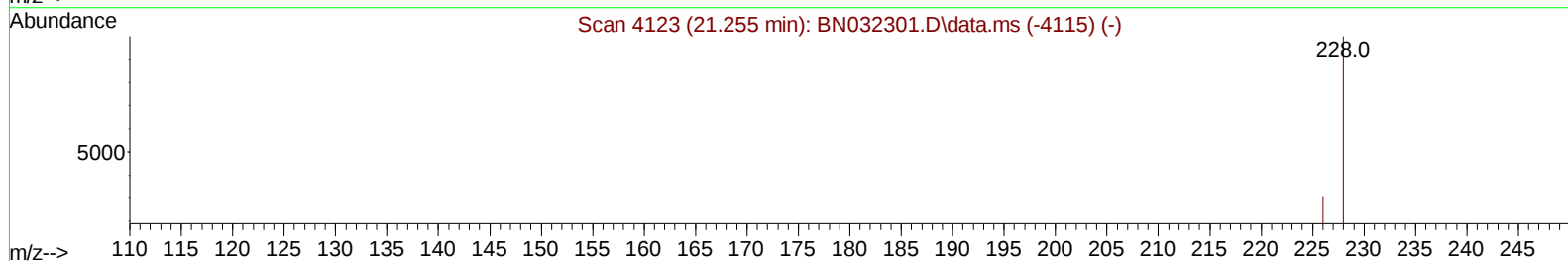
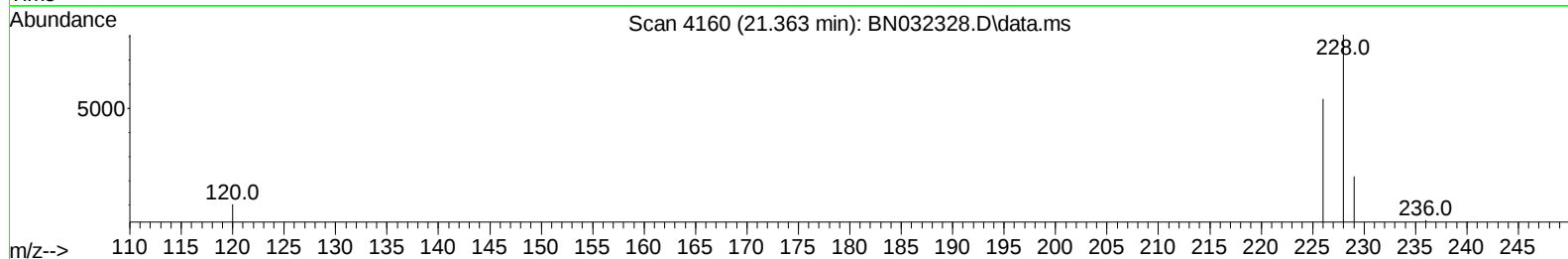
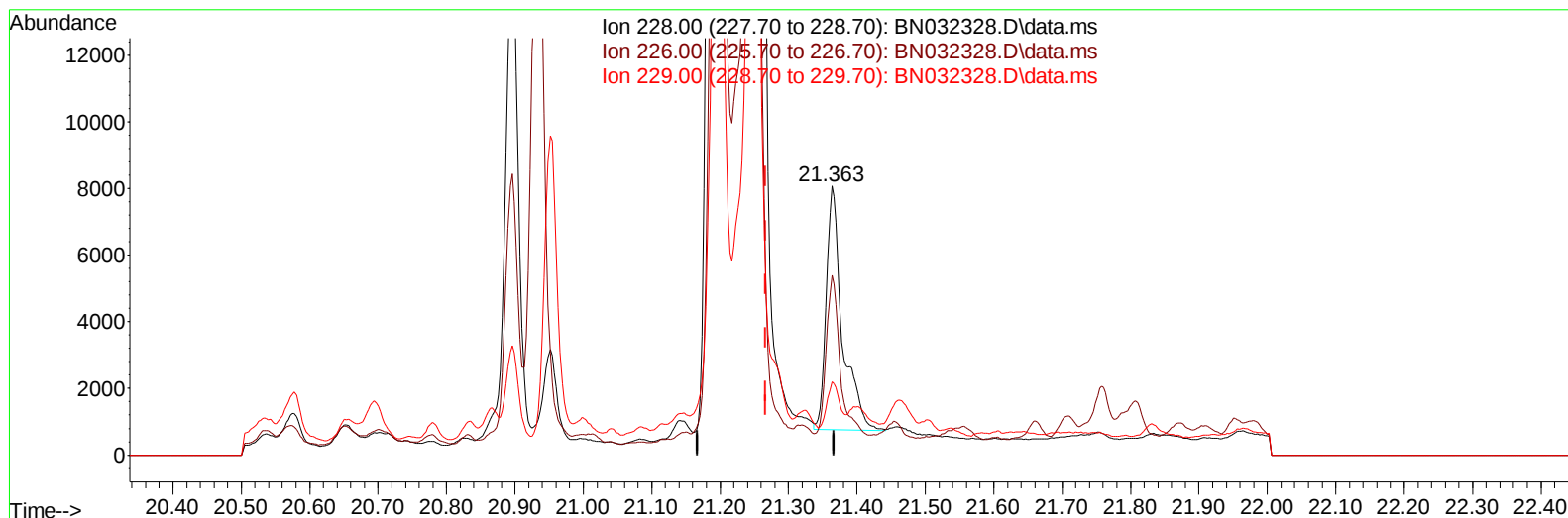
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032328.D
Acq On : 29 Jun 2024 00:16
Operator : MA/JU
Sample : P2934-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B73

Manual IntegrationsAPPROVED

Quant Time: Jun 29 00:52:10 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: BN032328.D\data.ms

(22) Chrysene

21.363min (+ 0.096) 0.15 ng/u1

response 12056

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	66.85#
229.00	19.60	27.18#
0.00	0.00	0.00

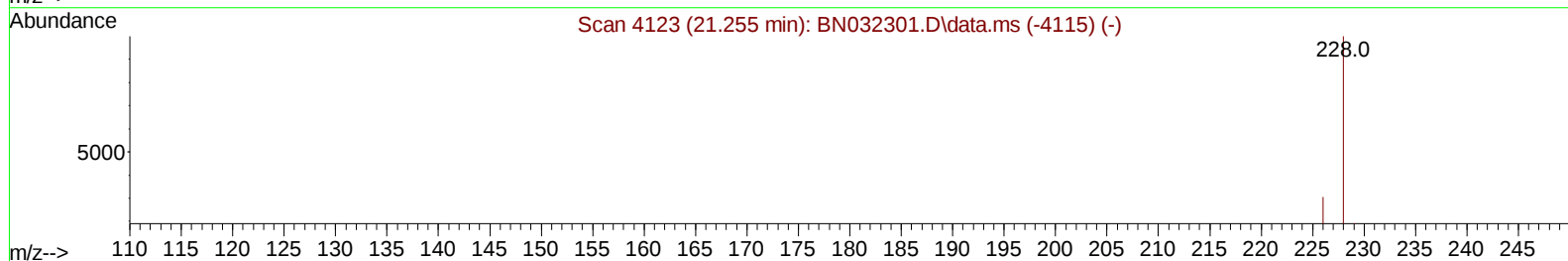
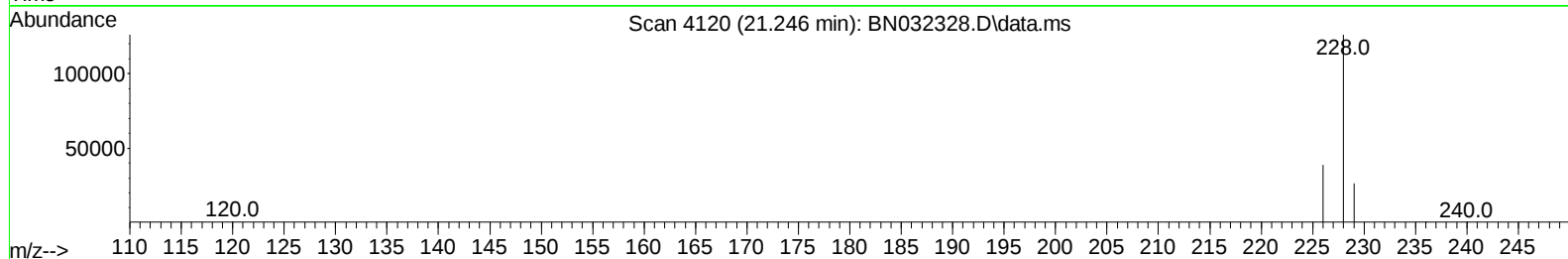
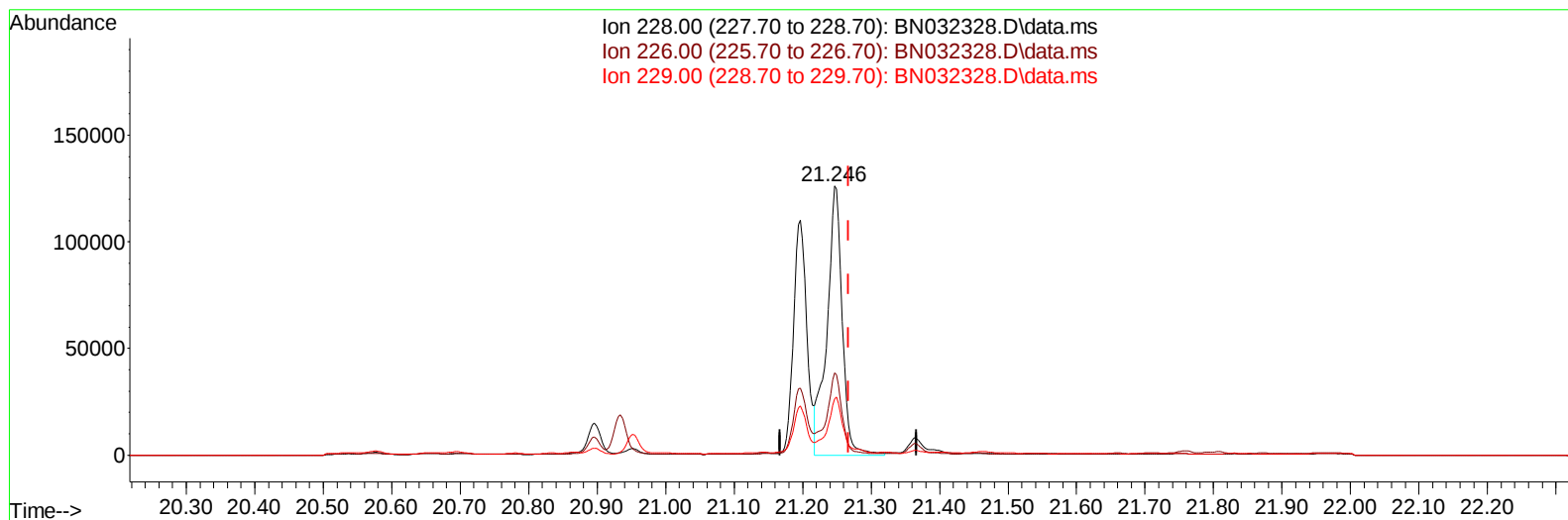
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032328.D
Acq On : 29 Jun 2024 00:16
Operator : MA/JU
Sample : P2934-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B73

Manual IntegrationsAPPROVED

Quant Time: Jun 29 00:52:10 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: BN032328.D\data.ms

(22) Chrysene

21.246min (-0.021) 2.51 ng/ul m

response 196354

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	30.61
229.00	19.60	20.95
0.00	0.00	0.00

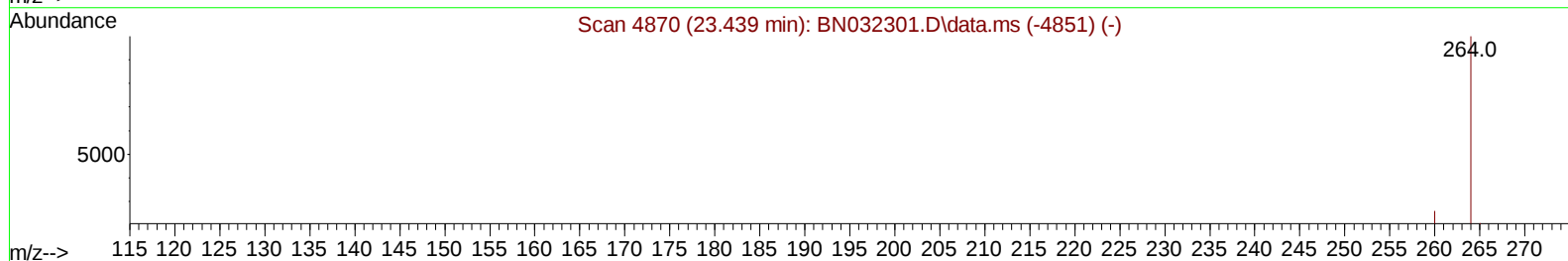
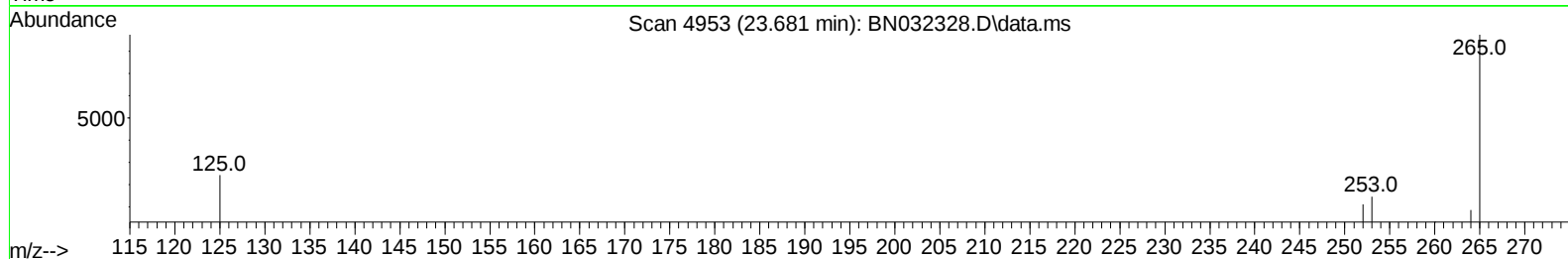
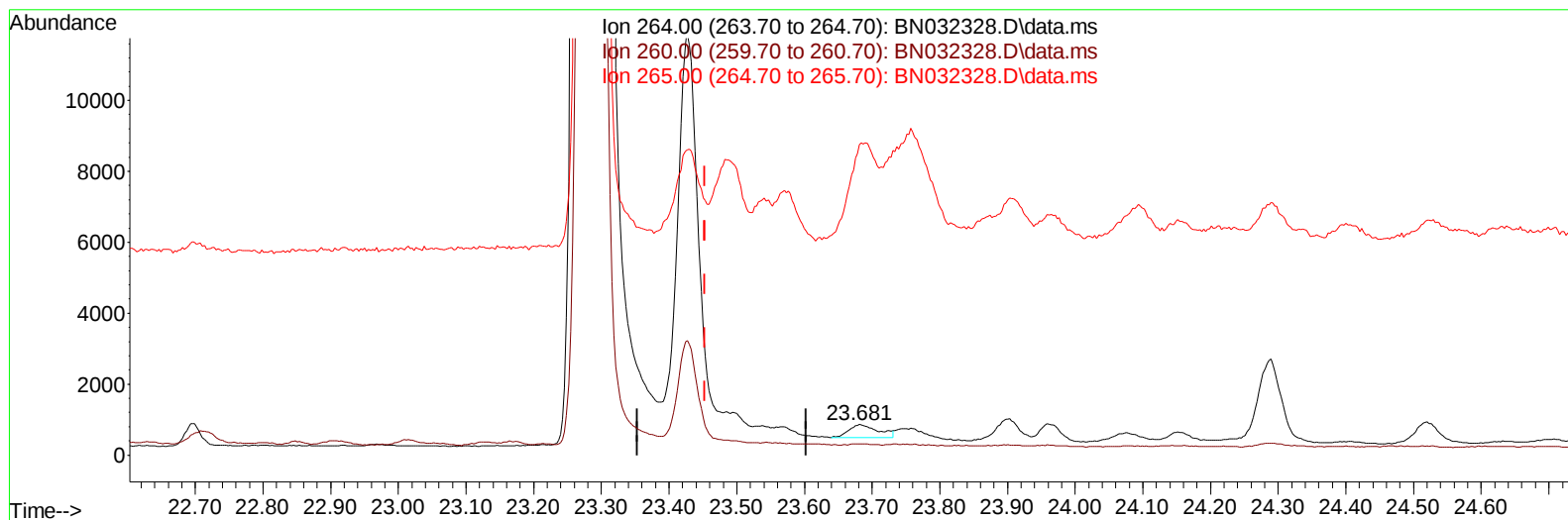
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032328.D
Acq On : 29 Jun 2024 00:16
Operator : MA/JU
Sample : P2934-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B73

Manual IntegrationsAPPROVED

Quant Time: Jun 29 00:52:10 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 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032328.D\data.ms

(23) Perylene-d12 (I)

23.681min (+ 0.228) 0.40 ng/u1

response 1134

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	35.94#
265.00	67.20	1008.41#
0.00	0.00	0.00

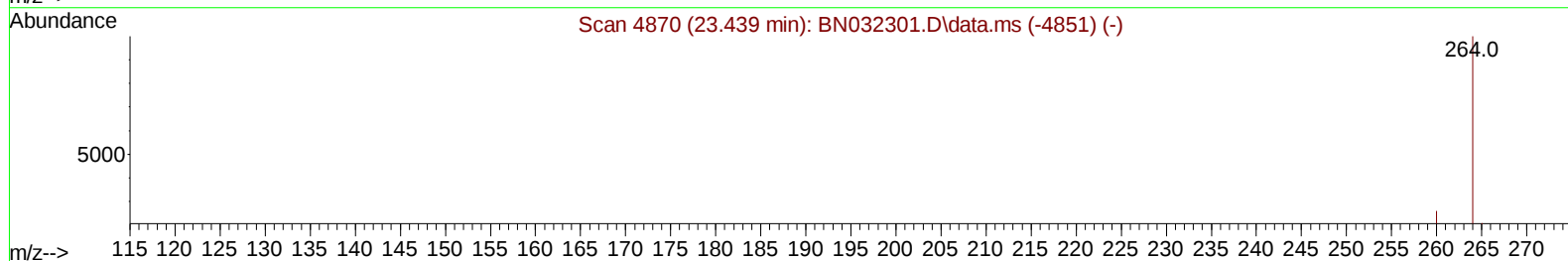
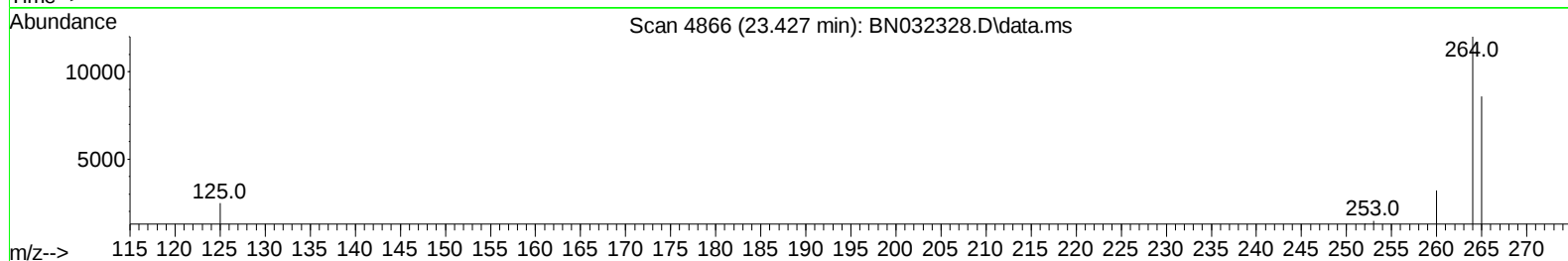
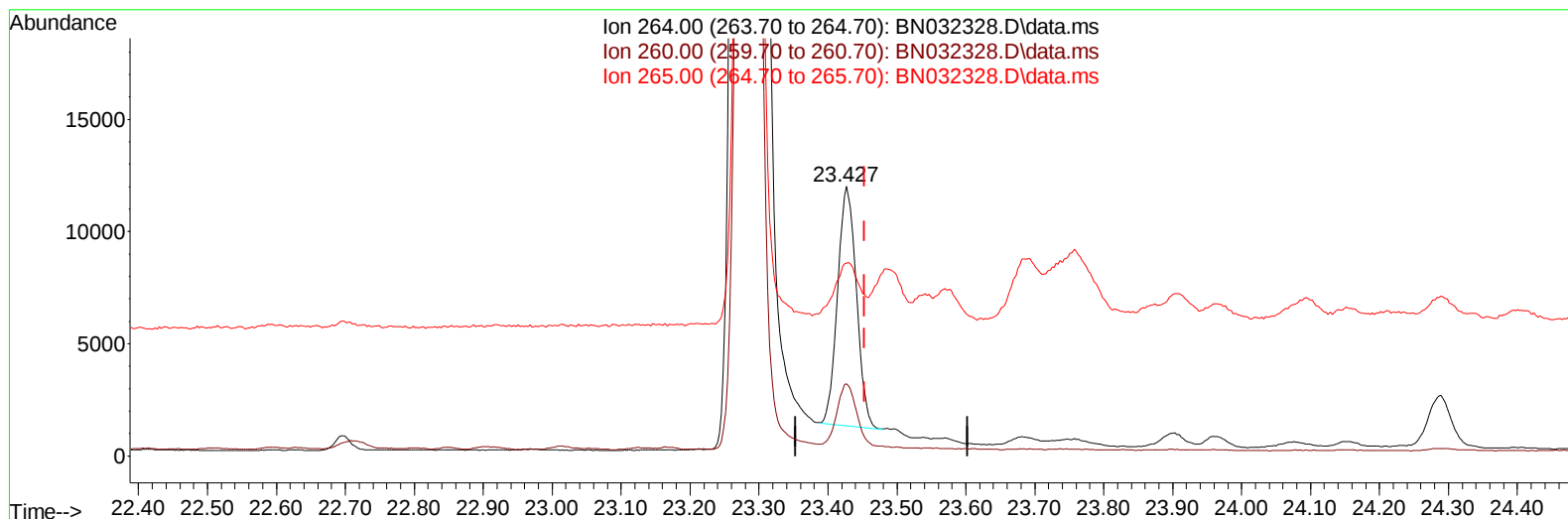
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032328.D
Acq On : 29 Jun 2024 00:16
Operator : MA/JU
Sample : P2934-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B73

Manual IntegrationsAPPROVED

Quant Time: Jun 29 00:52:10 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: BN032328.D\data.ms

(23) Perylene-d12 (I)

23.427min (-0.026) 0.40 ng/u1 m

response 20169

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	26.88
265.00	67.20	71.66
0.00	0.00	0.00

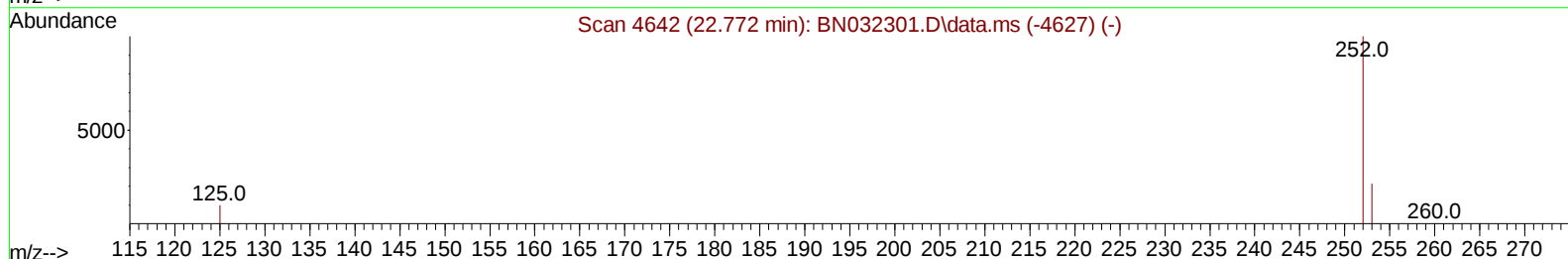
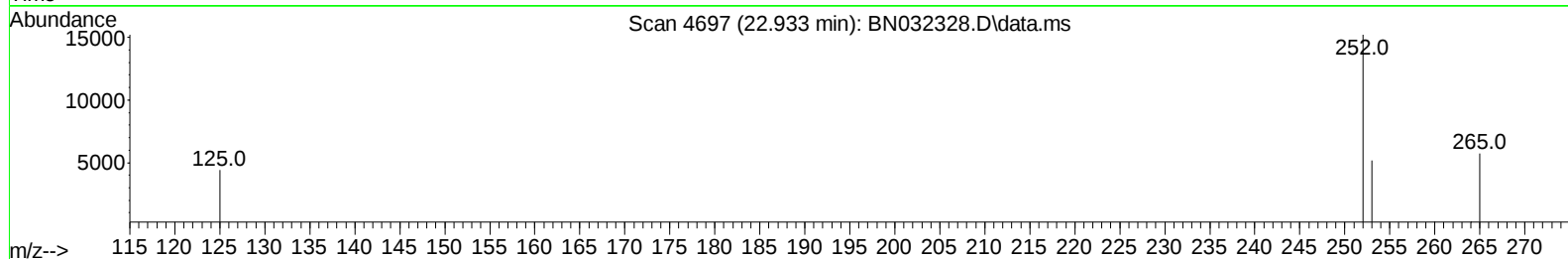
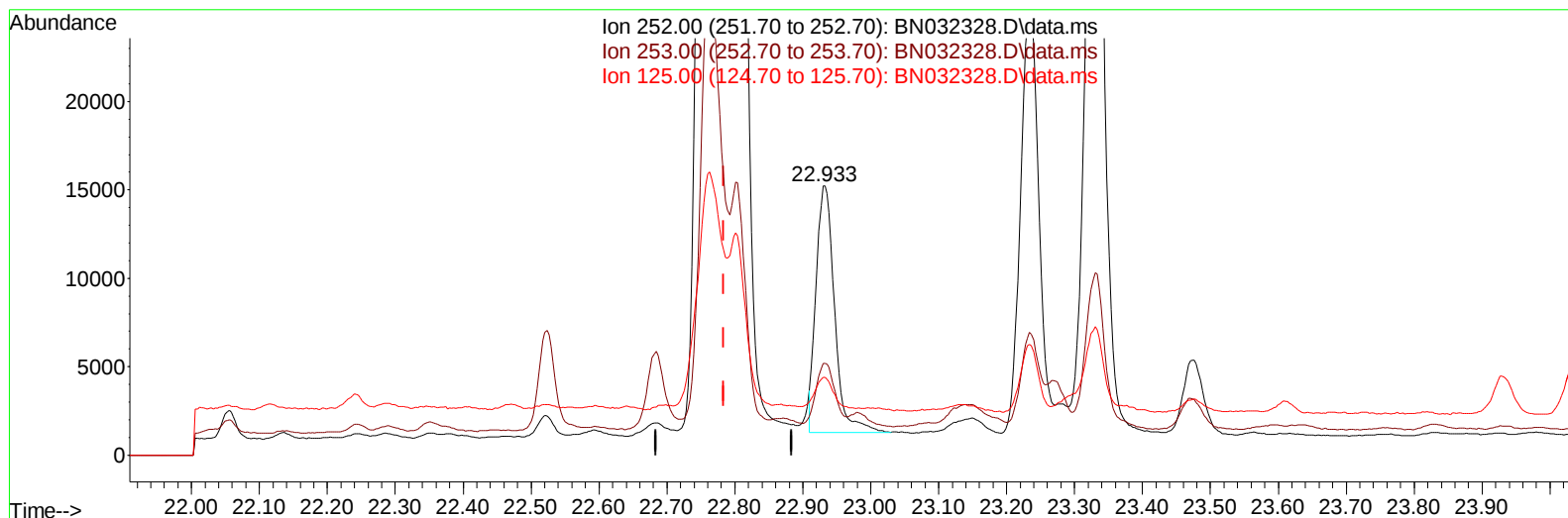
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032328.D
Acq On : 29 Jun 2024 00:16
Operator : MA/JU
Sample : P2934-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B73

Manual IntegrationsAPPROVED

Quant Time: Jun 29 00:52:10 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: BN032328.D\data.ms

(24) Benzo(b)fluoranthene

22.933min (+ 0.149) 0.30 ng/u1

response 26334

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	33.99
125.00	16.00	28.94
0.00	0.00	0.00

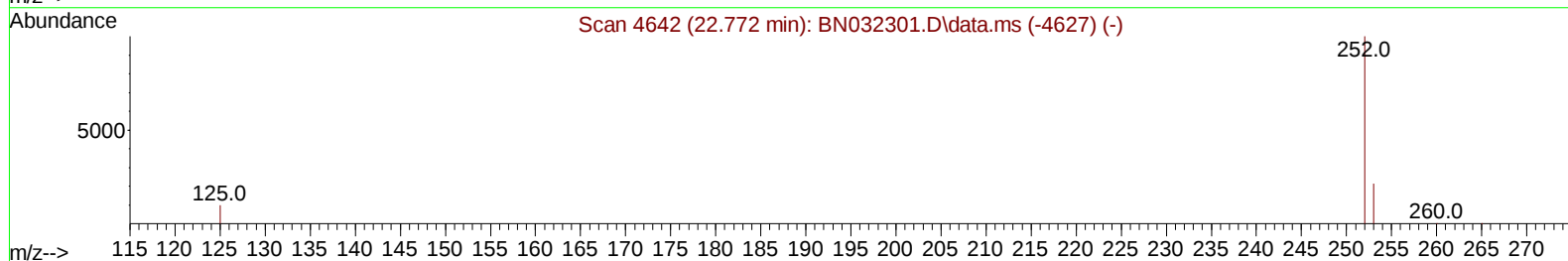
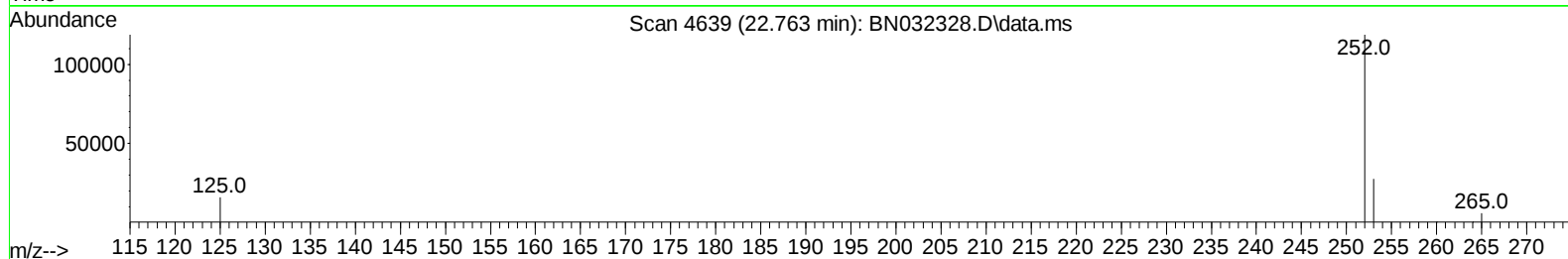
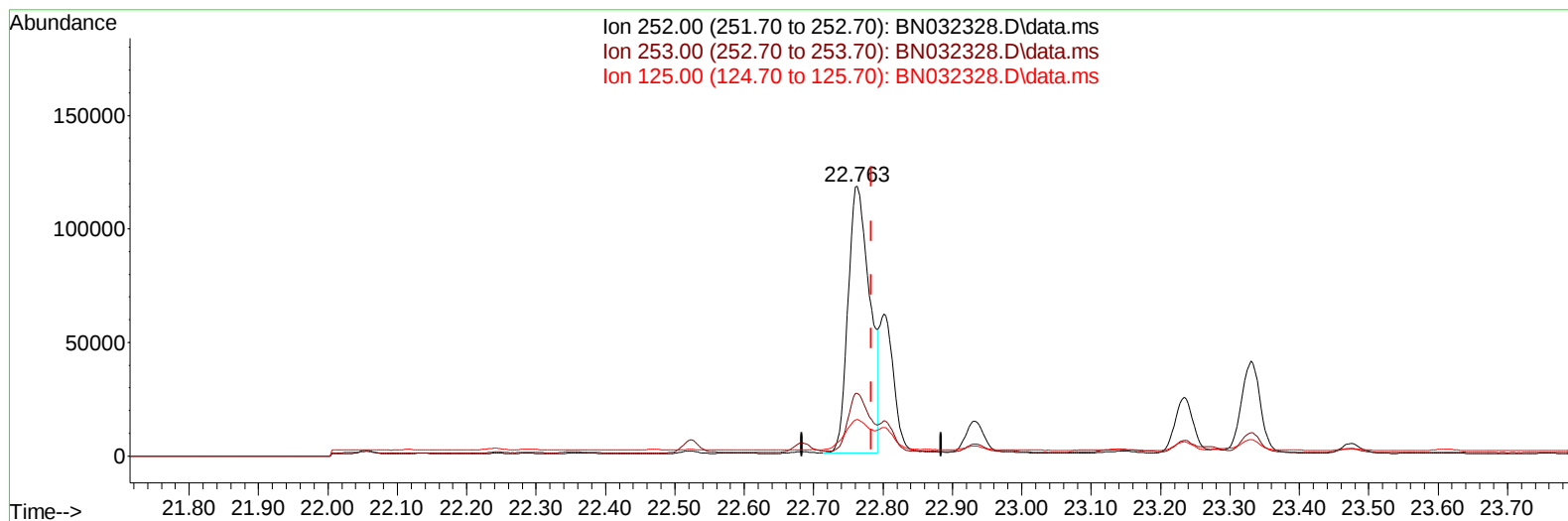
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032328.D
 Acq On : 29 Jun 2024 00:16
 Operator : MA/JU
 Sample : P2934-22
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B73

Manual IntegrationsAPPROVED

Quant Time: Jun 29 00:52:10 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: BN032328.D\data.ms

(24) Benzo(b)fluoranthene

22.763min (-0.021) 2.93 ng/u1 m

response 256792

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.31
125.00	16.00	13.48
0.00	0.00	0.00

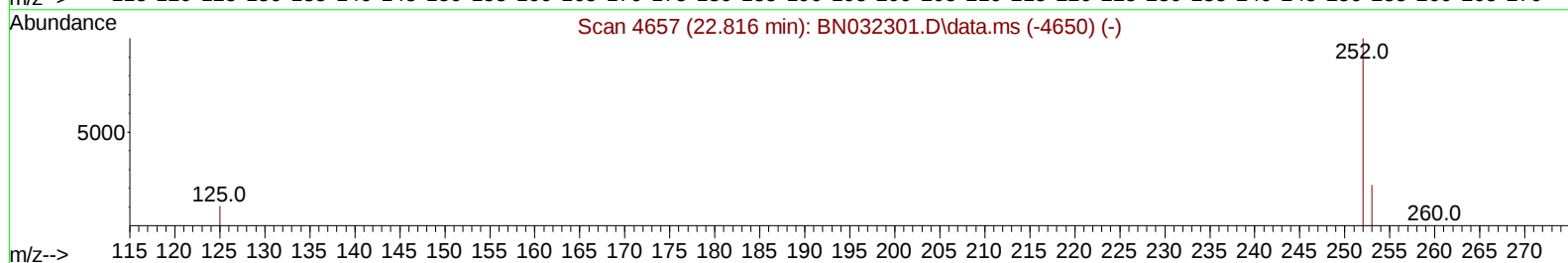
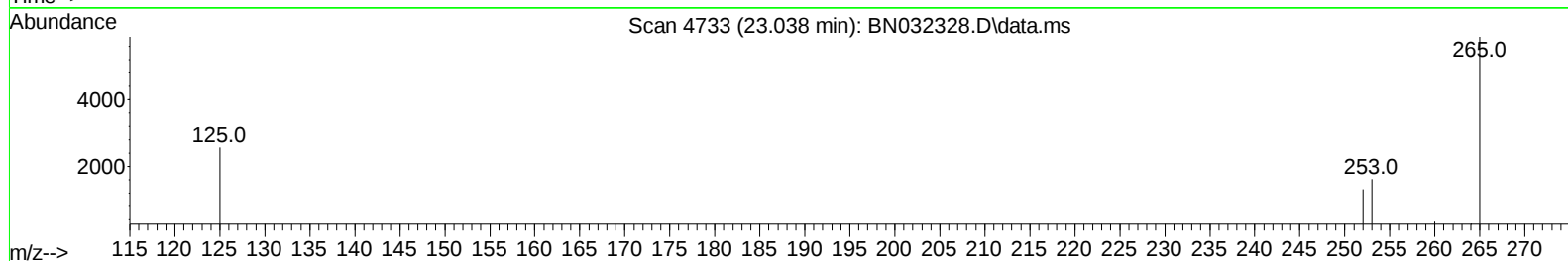
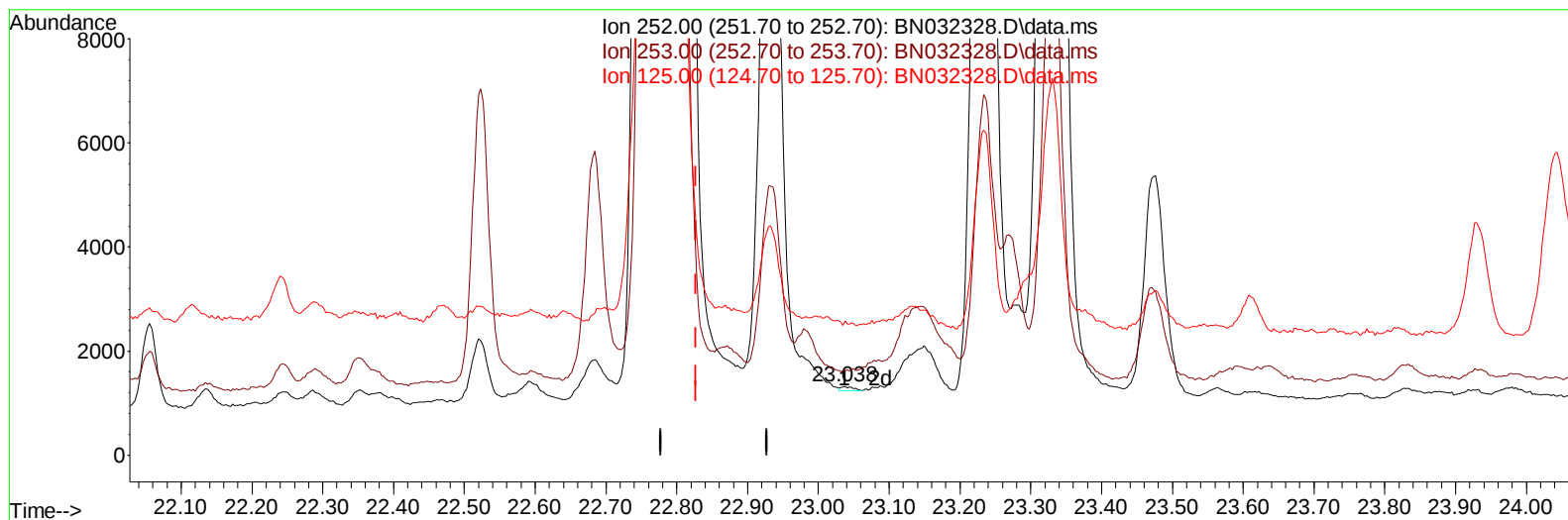
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032328.D
Acq On : 29 Jun 2024 00:16
Operator : MA/JU
Sample : P2934-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B73

Manual IntegrationsAPPROVED

Quant Time: Jun 29 00:52:10 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: BN032328.D\data.ms

(25) Benzo(k)fluoranthene

23.038min (+ 0.210) 0.00 ng/u1

response 86

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	123.32#
125.00	16.00	195.31#
0.00	0.00	0.00

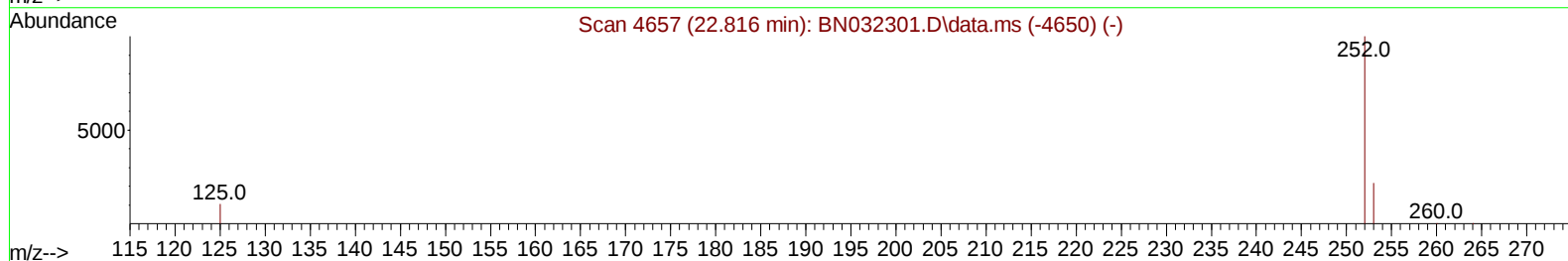
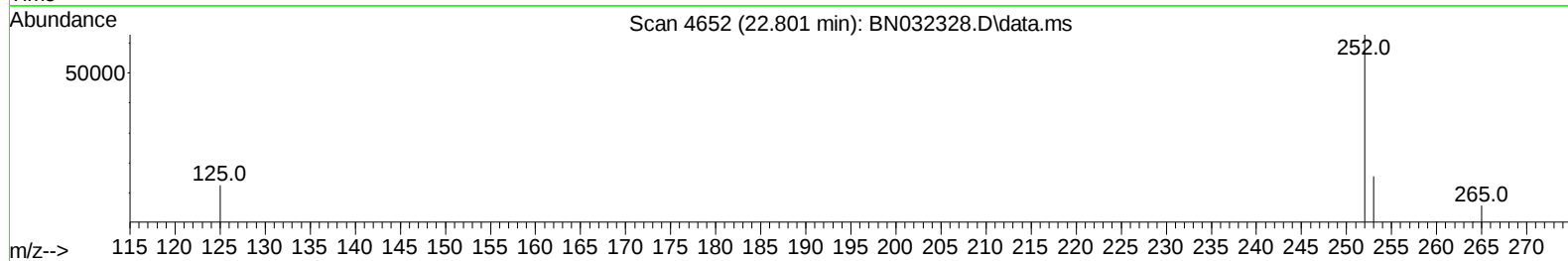
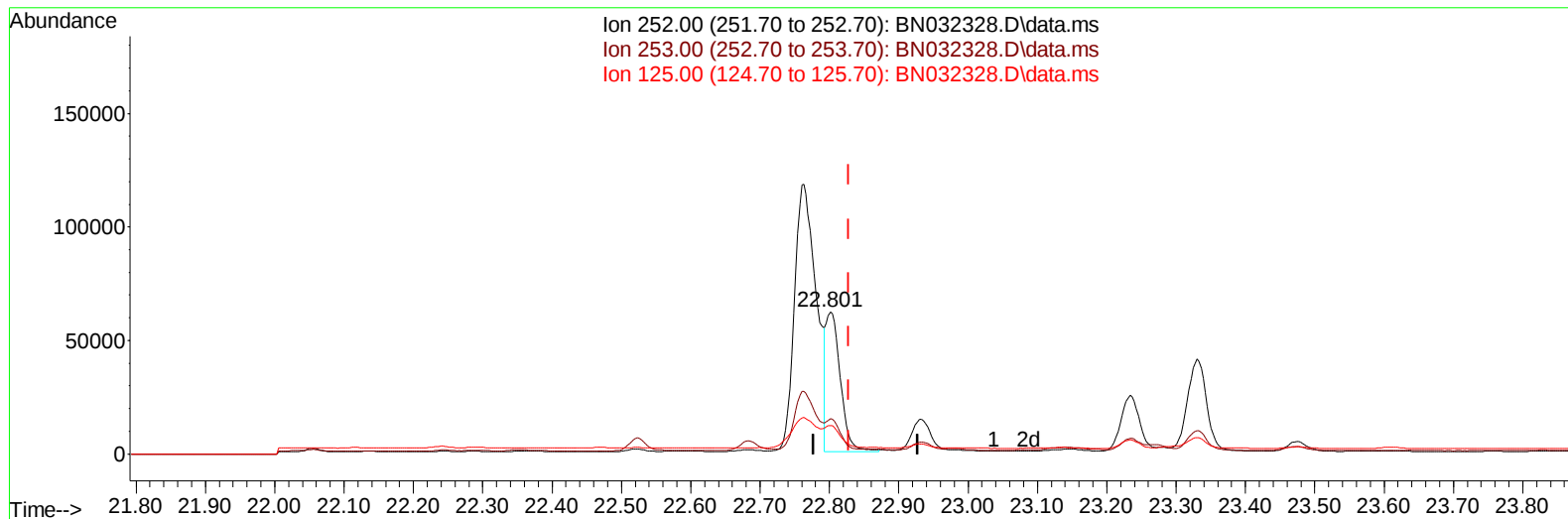
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032328.D
Acq On : 29 Jun 2024 00:16
Operator : MA/JU
Sample : P2934-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B73

Manual IntegrationsAPPROVED

Quant Time: Jun 29 00:52:10 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: BN032328.D\data.ms

(25) Benzo(k)fluoranthene

22.801min (-0.026) 1.05 ng/u1 m

response 89486

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	24.63
125.00	16.00	20.04#
0.00	0.00	0.00

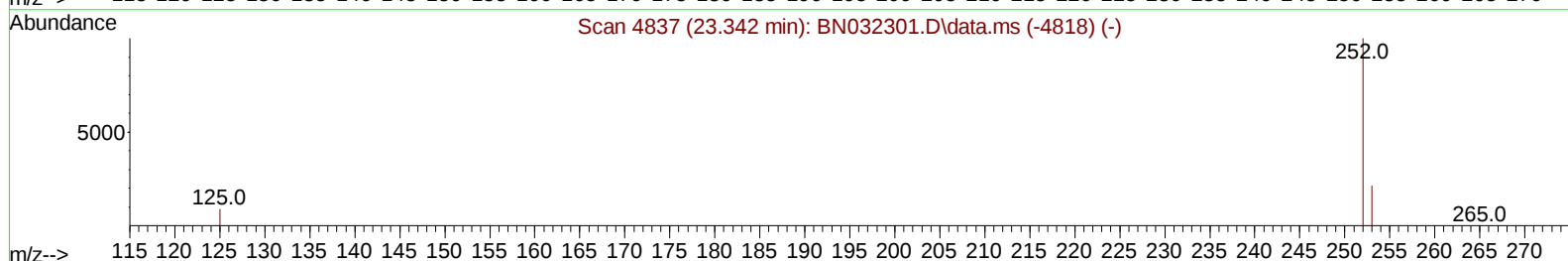
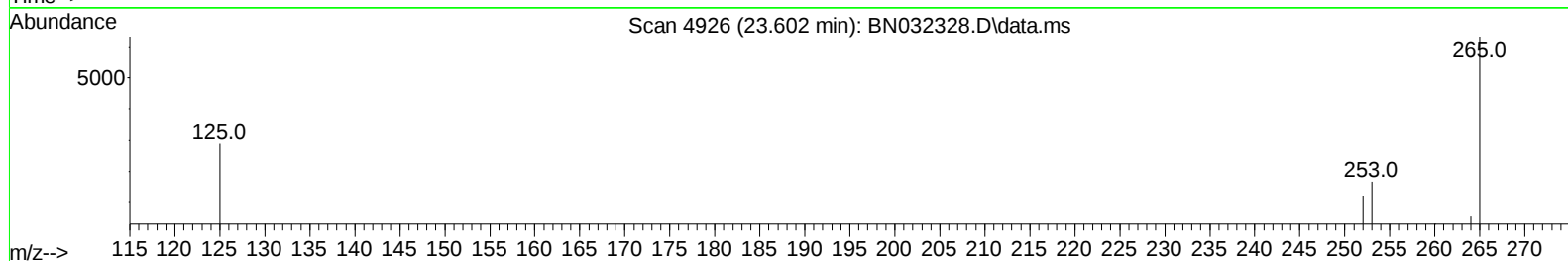
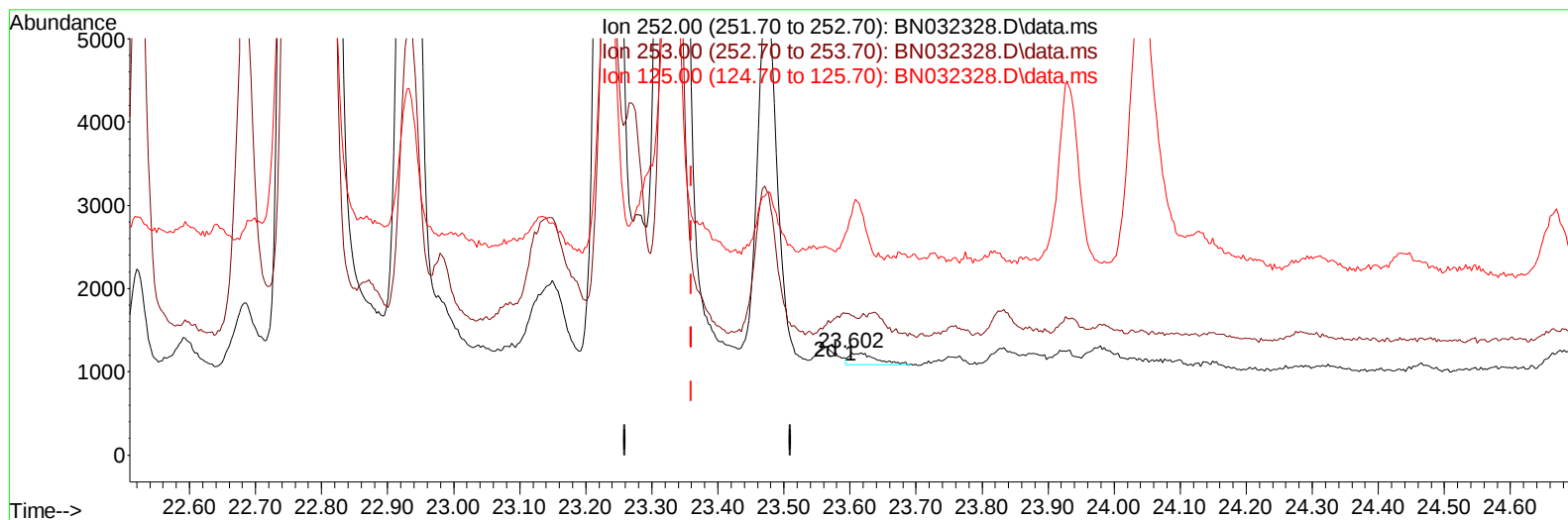
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032328.D
Acq On : 29 Jun 2024 00:16
Operator : MA/JU
Sample : P2934-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B73

Manual IntegrationsAPPROVED

Quant Time: Jun 29 00:52:10 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: BN032328.D\data.ms

(26) Benzo(a)pyrene (C)

23.602min (+ 0.243) 0.01 ng/u1

response 410

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	135.74#
125.00	20.50	235.09#
0.00	0.00	0.00

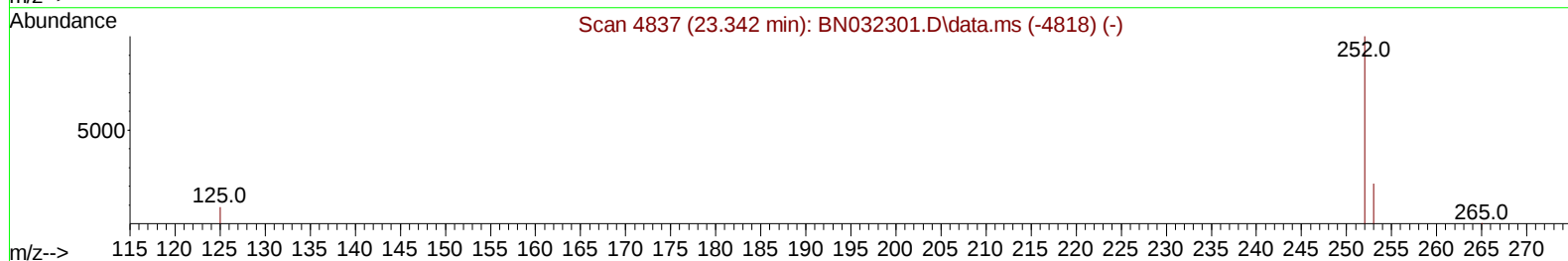
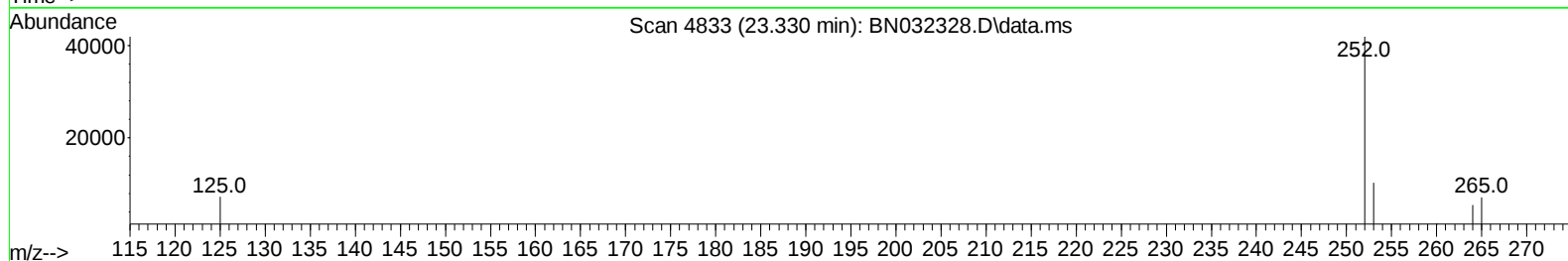
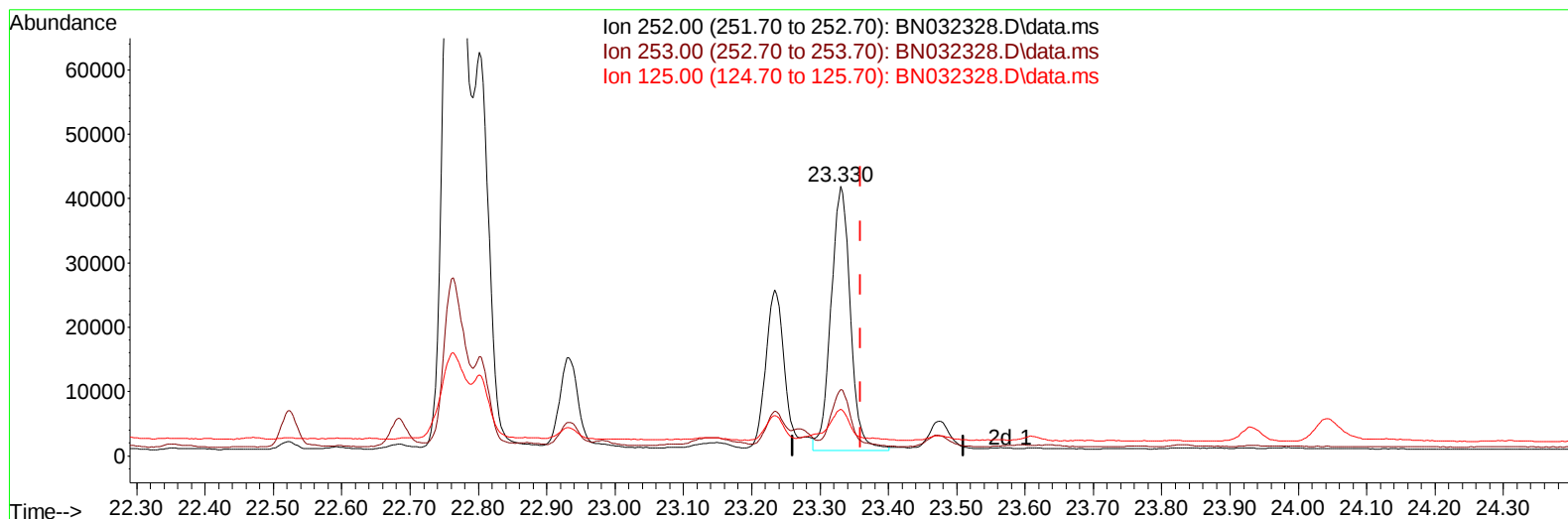
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032328.D
Acq On : 29 Jun 2024 00:16
Operator : MA/JU
Sample : P2934-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B73

Manual IntegrationsAPPROVED

Quant Time: Jun 29 00:52:10 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: BN032328.D\data.ms

(26) Benzo(a)pyrene (C)

23.330min (-0.029) 1.33 ng/u1 m

response 81008

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	24.61
125.00	20.50	17.33
0.00	0.00	0.00

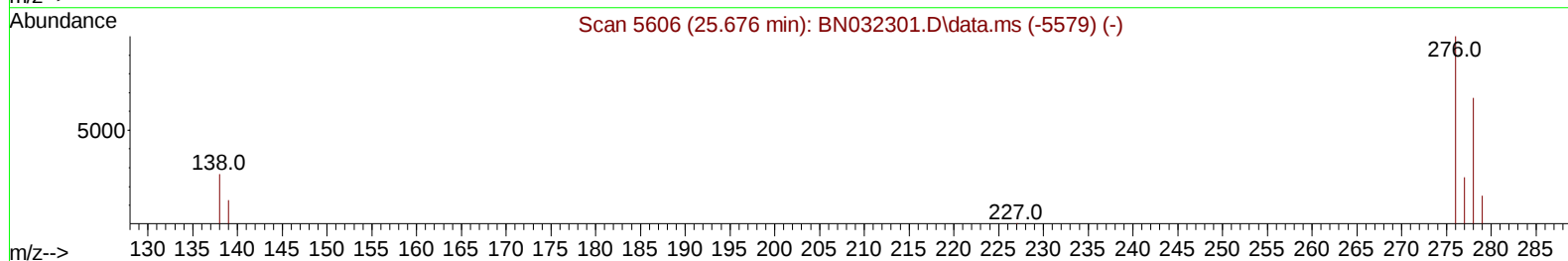
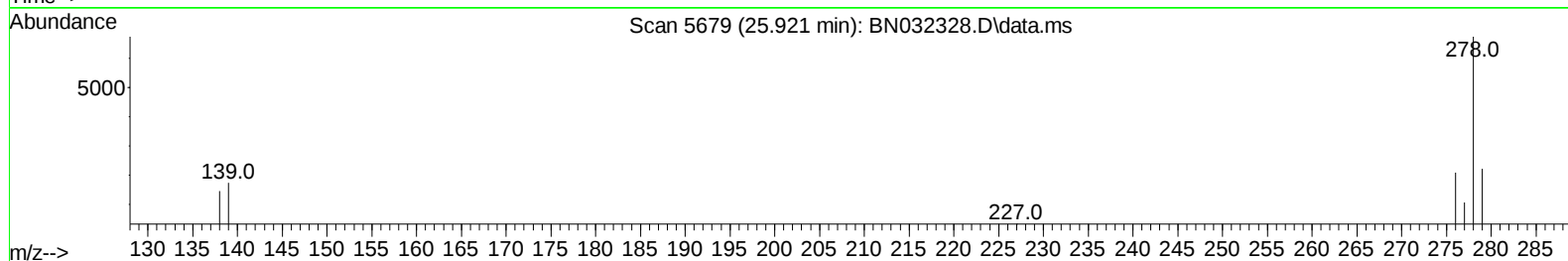
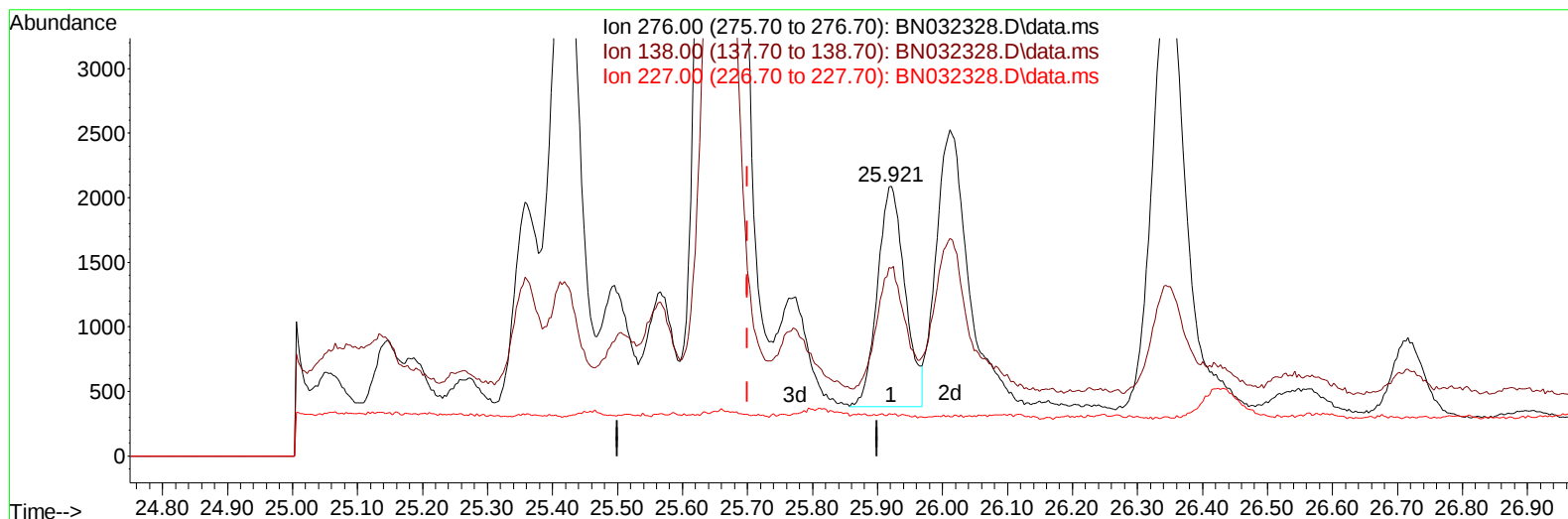
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032328.D
 Acq On : 29 Jun 2024 00:16
 Operator : MA/JU
 Sample : P2934-22
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B73

Manual IntegrationsAPPROVED

Quant Time: Jun 29 00:52:10 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: BN032328.D\data.ms

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

25.921min (+ 0.221) 0.05 ng/u1

response 5042

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	57.24#
227.00	0.10	0.18#
0.00	0.00	0.00

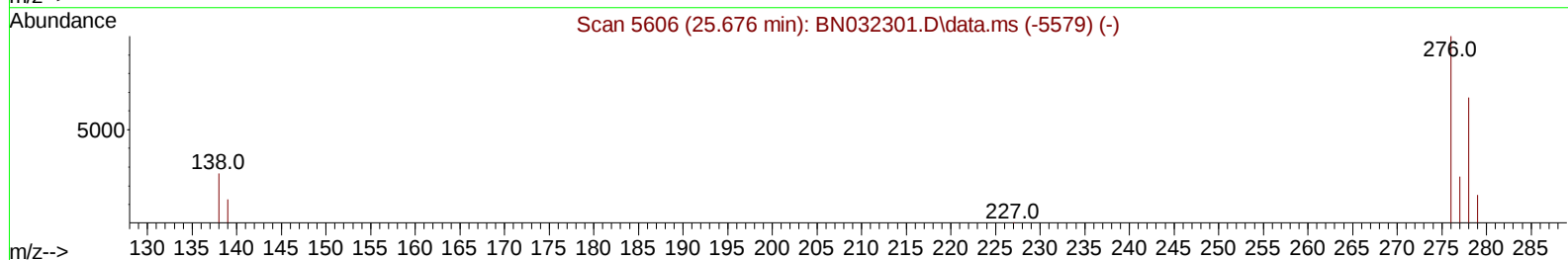
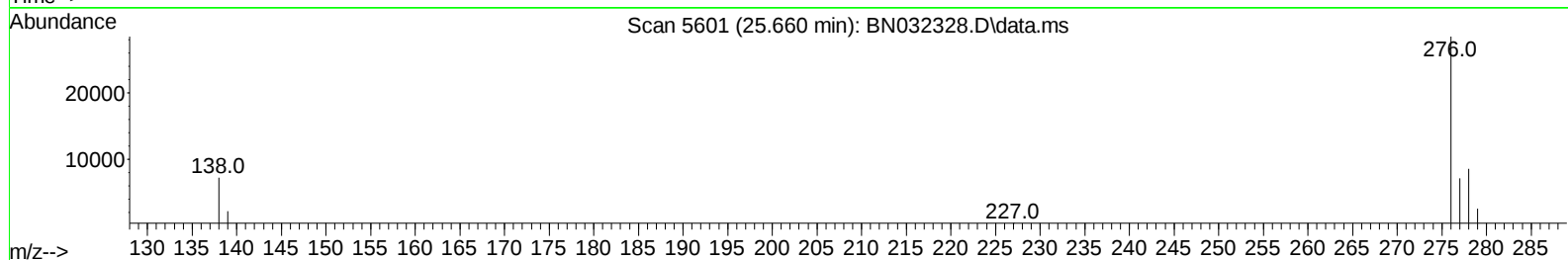
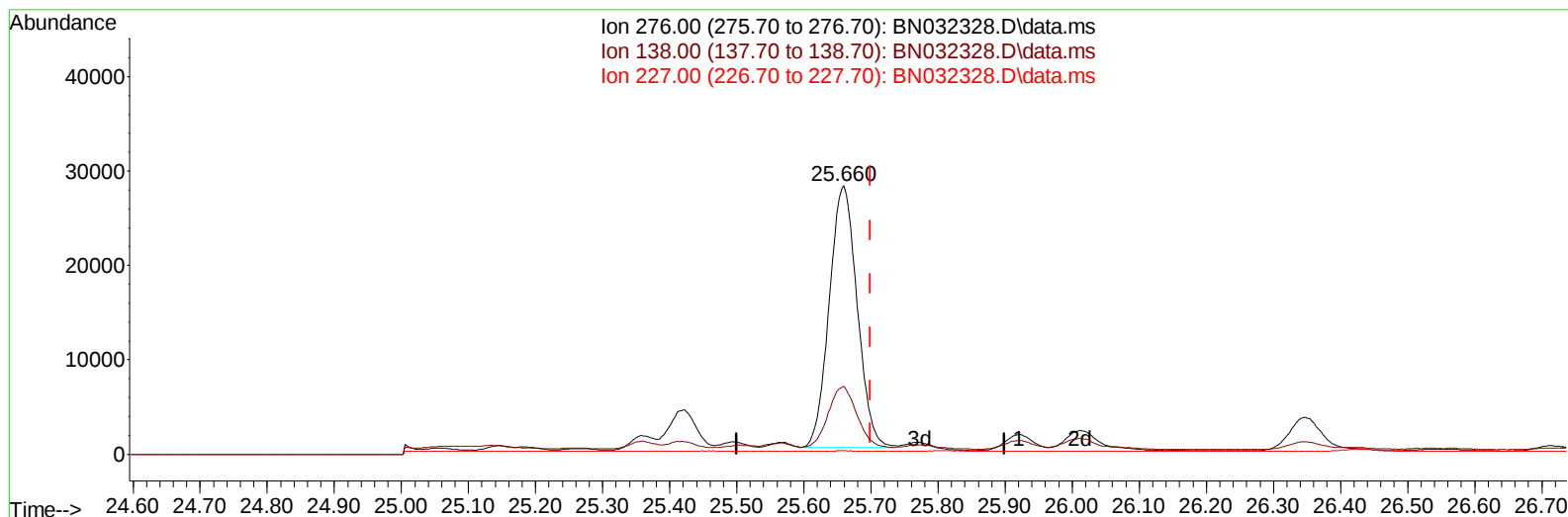
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032328.D
Acq On : 29 Jun 2024 00:16
Operator : MA/JU
Sample : P2934-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B73

Manual IntegrationsAPPROVED

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

Quant Time: Jun 29 00:52:10 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: BN032328.D\data.ms

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

25.660min (-0.040) 0.84 ng/ul m

response 80139

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	3.60#
227.00	0.10	0.01#
0.00	0.00	0.00

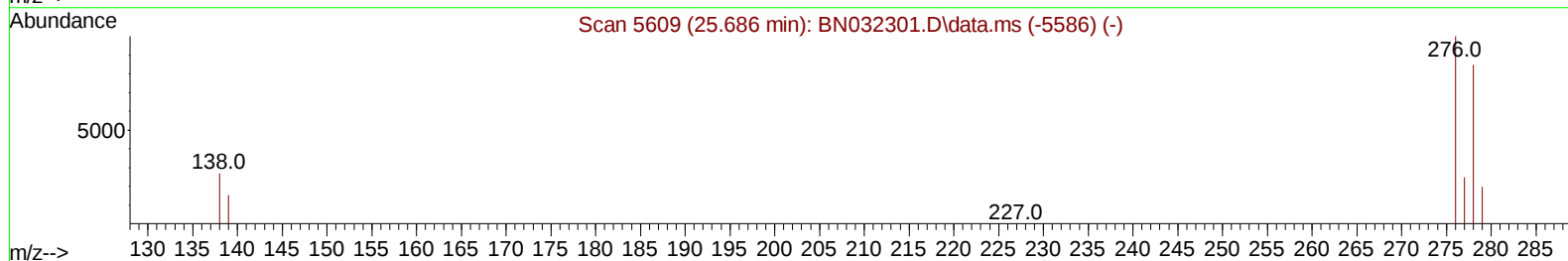
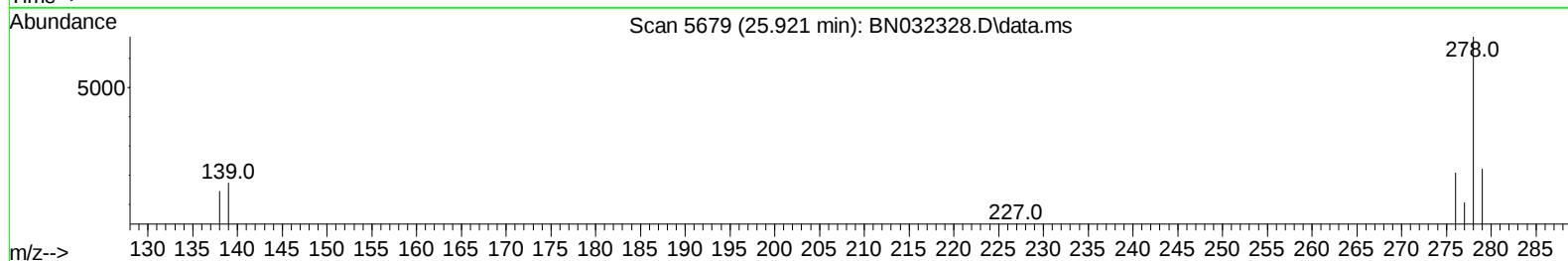
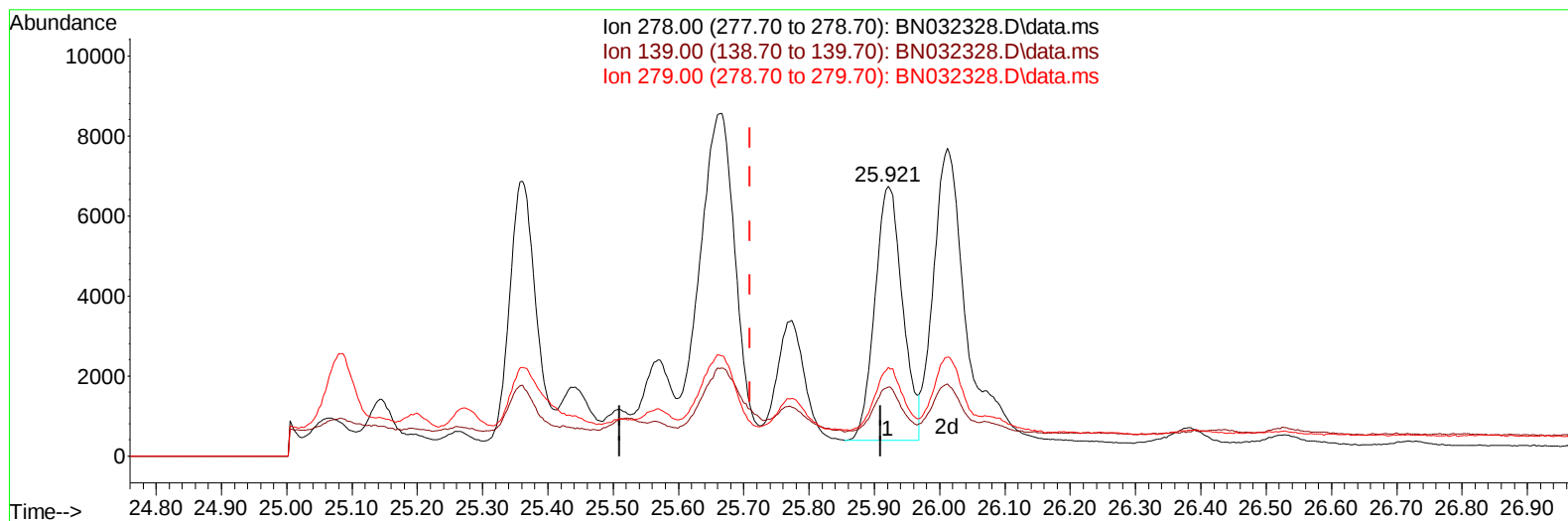
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032328.D
Acq On : 29 Jun 2024 00:16
Operator : MA/JU
Sample : P2934-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B73

Manual IntegrationsAPPROVED

Quant Time: Jun 29 00:52:10 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
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TIC: BN032328.D\data.ms

(28) Dibenzo(a,h)anthracene

25.921min (+ 0.211) 0.27 ng/u1

response 18802

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	25.68#
279.00	26.40	33.00#
0.00	0.00	0.00

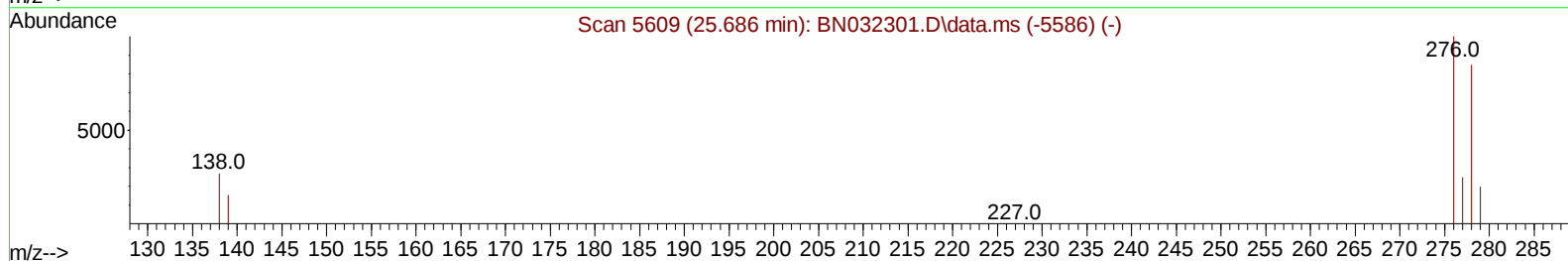
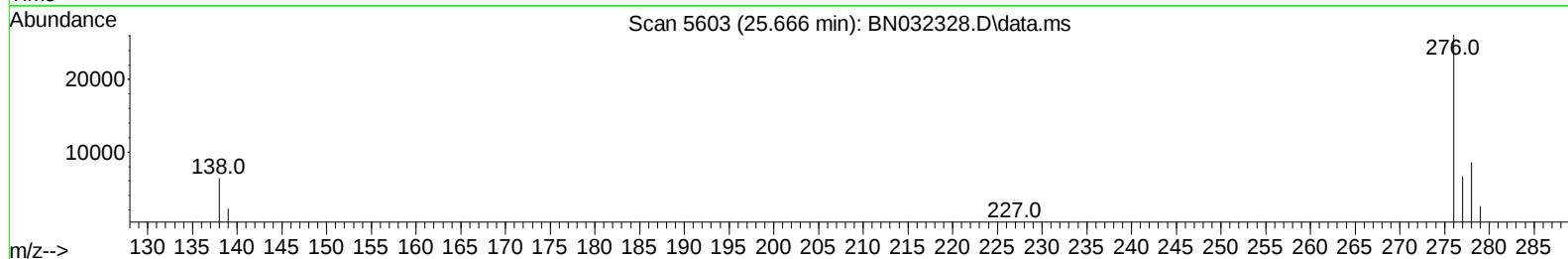
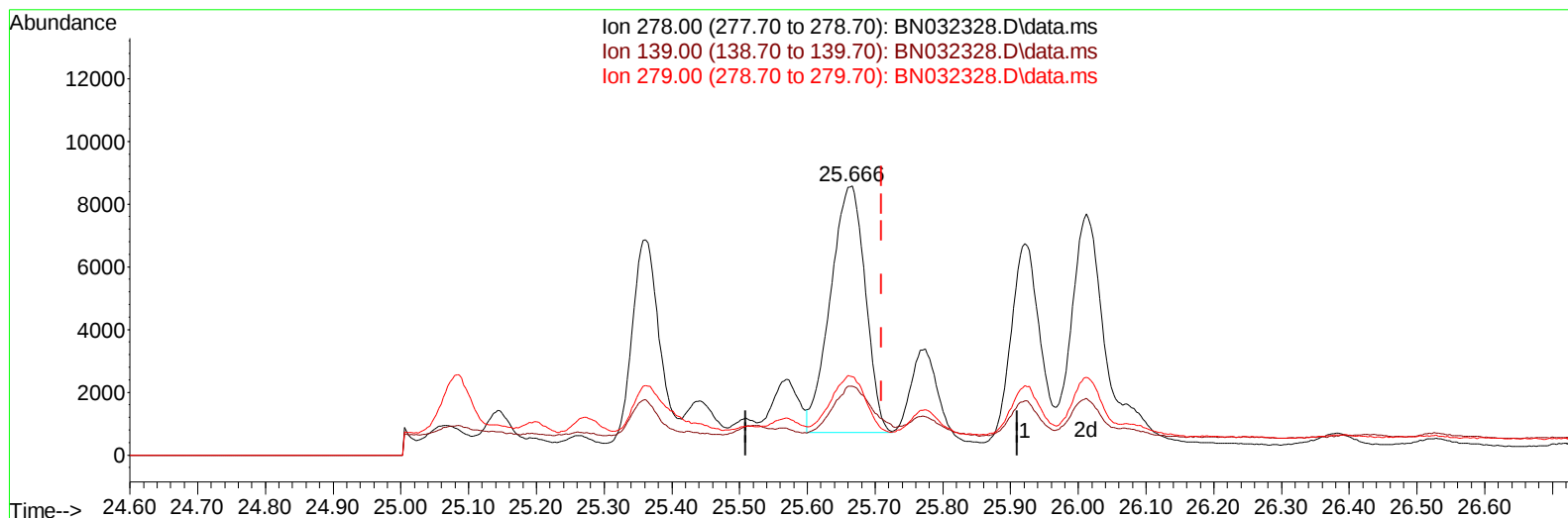
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032328.D
Acq On : 29 Jun 2024 00:16
Operator : MA/JU
Sample : P2934-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B73

Manual IntegrationsAPPROVED

Quant Time: Jun 29 00:52:10 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 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032328.D\data.ms

(28) Dibenzo(a,h)anthracene

25.666min (-0.044) 0.40 ng/ul m

response 28124

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	25.63#
279.00	26.40	29.21
0.00	0.00	0.00

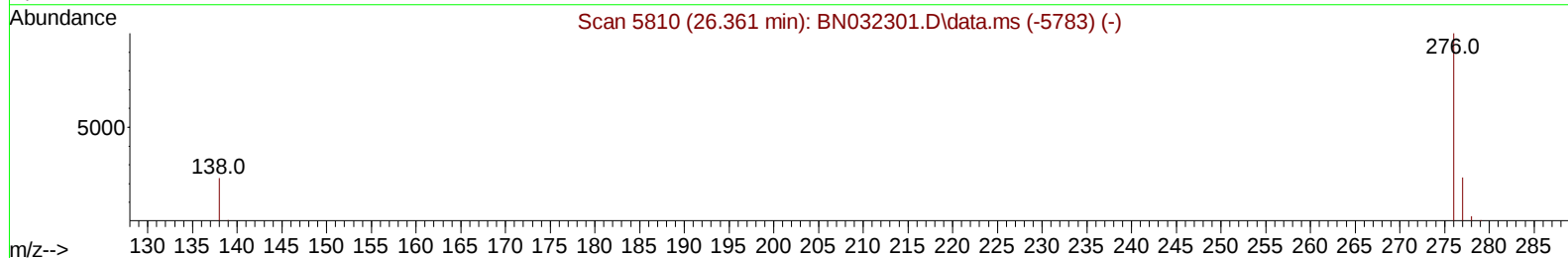
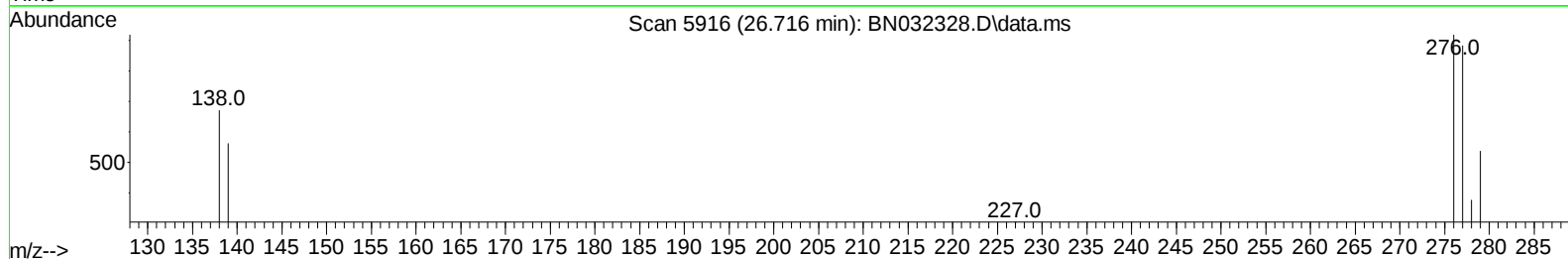
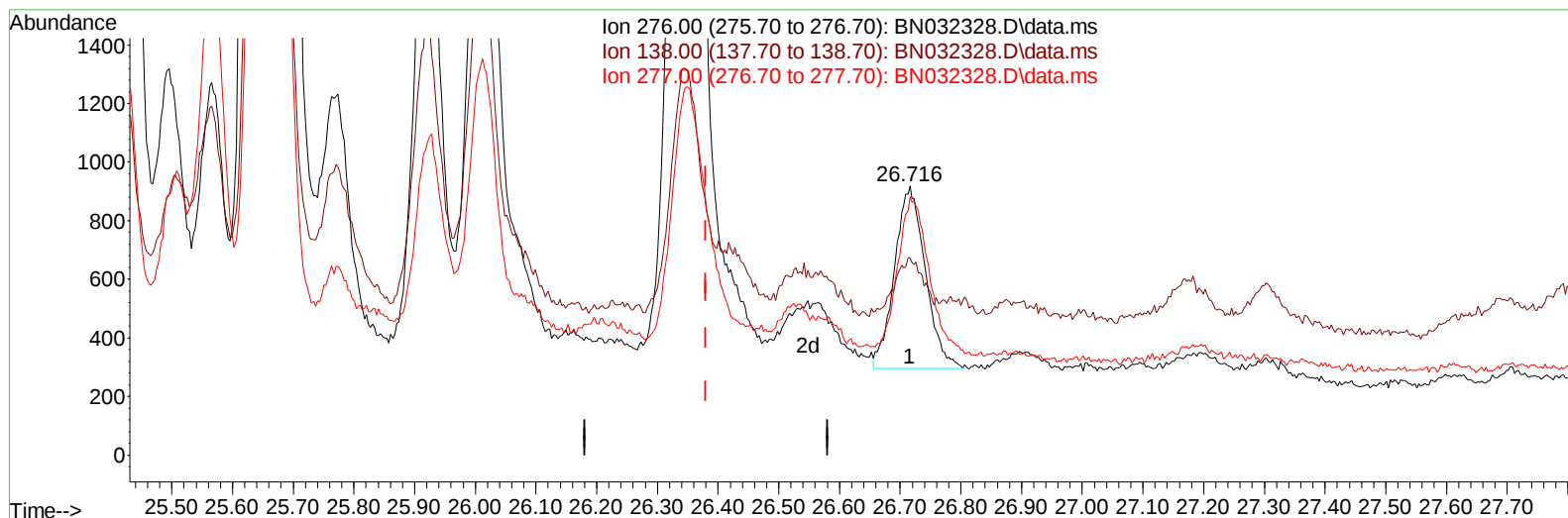
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032328.D
 Acq On : 29 Jun 2024 00:16
 Operator : MA/JU
 Sample : P2934-22
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B73

Manual IntegrationsAPPROVED

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TIC: BN032328.D\data.ms

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

26.716min (+ 0.335) 0.03 ng/u1

response 2182

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	73.09#
277.00	24.70	96.08#
0.00	0.00	0.00

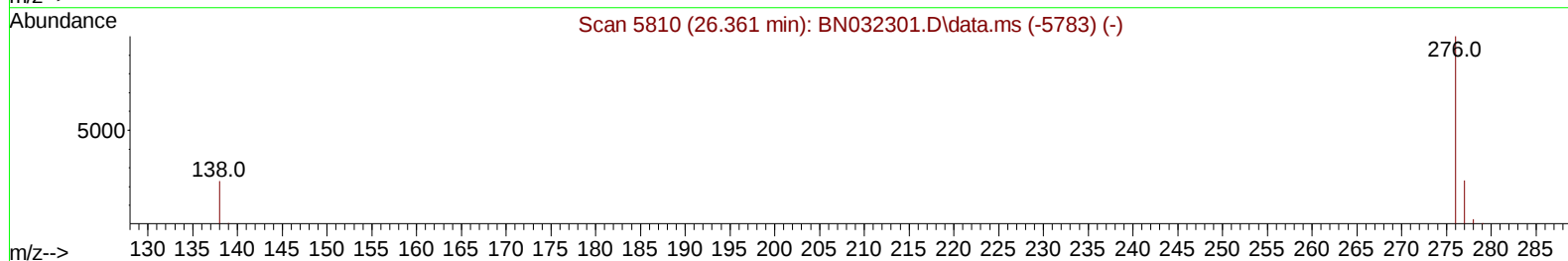
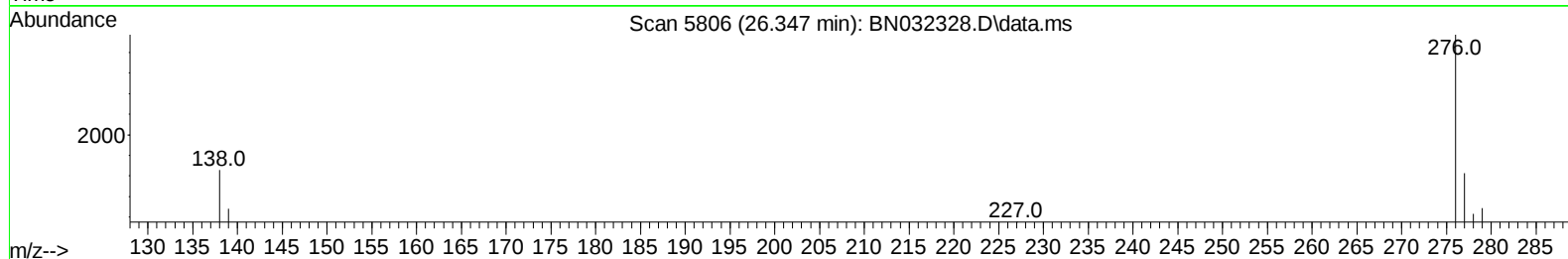
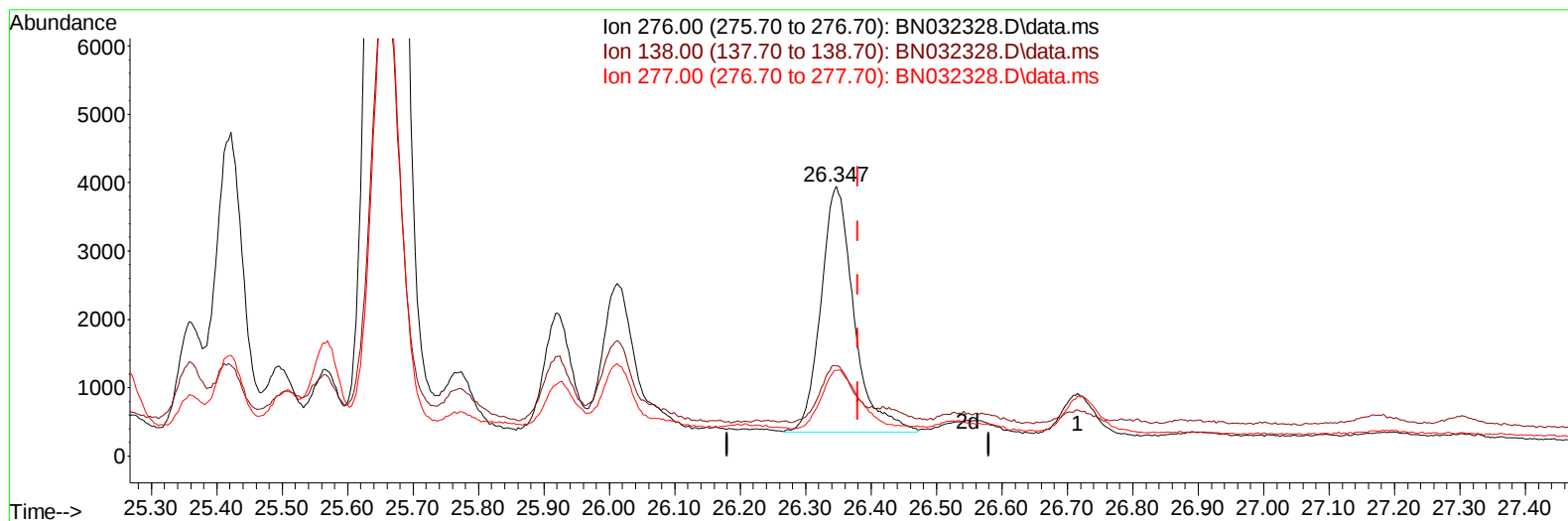
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032328.D
Acq On : 29 Jun 2024 00:16
Operator : MA/JU
Sample : P2934-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B73

Manual IntegrationsAPPROVED

Quant Time: Jun 29 00:52:10 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: BN032328.D\data.ms

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

26.347min (-0.034) 0.17 ng/ul m

response 12673

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	33.28#
277.00	24.70	31.84#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032328.D
 Acq On : 29 Jun 2024 00:16
 Operator : MA/JU
 Sample : P2934-22
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B73

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 07/04/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.612	152	8637	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	26542	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.258	164	14476	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.012	188	26633m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.211	240	19736m	0.400	ng/ul	-0.01
23) Perylene-d12	23.427	264	20169m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	27021	2.815	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.988	152	7842	0.197	ng/ul	-0.01
18) Fluoranthene-d10	19.045	212	14617m	0.246	ng/ul	-0.01
Target Compounds						
						Qvalue
5) Naphthalene	10.437	128	9336	0.133	ng/ul	98
7) 2-Methylnaphthalene	12.065	142	2801	0.060	ng/ul	98
8) 1-Methylnaphthalene	12.285	142	2352	0.049	ng/ul	97
10) Acenaphthylene	13.980	152	12123	0.201	ng/ul	97
11) Acenaphthene	14.322	153	7619	0.163	ng/ul	99
12) Fluorene	15.312	166	9369	0.168	ng/ul#	99
15) Phenanthrene	17.054	178	217620m	2.980	ng/ul	
16) Anthracene	17.143	178	30853m	0.474	ng/ul	
19) Fluoranthene	19.078	202	458409m	6.100	ng/ul	
20) Pyrene	19.440	202	281762m	3.588	ng/ul	
21) Benzo(a)anthracene	21.197	228	150796m	2.117	ng/ul	
22) Chrysene	21.246	228	196354m	2.511	ng/ul	
24) Benzo(b)fluoranthene	22.763	252	256792m	2.931	ng/ul	
25) Benzo(k)fluoranthene	22.801	252	89486m	1.051	ng/ul	
26) Benzo(a)pyrene	23.330	252	81008m	1.329	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.660	276	80139m	0.839	ng/ul	
28) Dibenzo(a,h)anthracene	25.666	278	28124m	0.397	ng/ul	
29) Benzo(g,h,i)perylene	26.347	276	12673m	0.167	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032328.D
Acq On : 29 Jun 2024 00:16
Operator : MA/JU
Sample : P2934-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B73

Manual IntegrationsAPPROVED

Quant Time: Jun 29 00:52:10 2024
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