

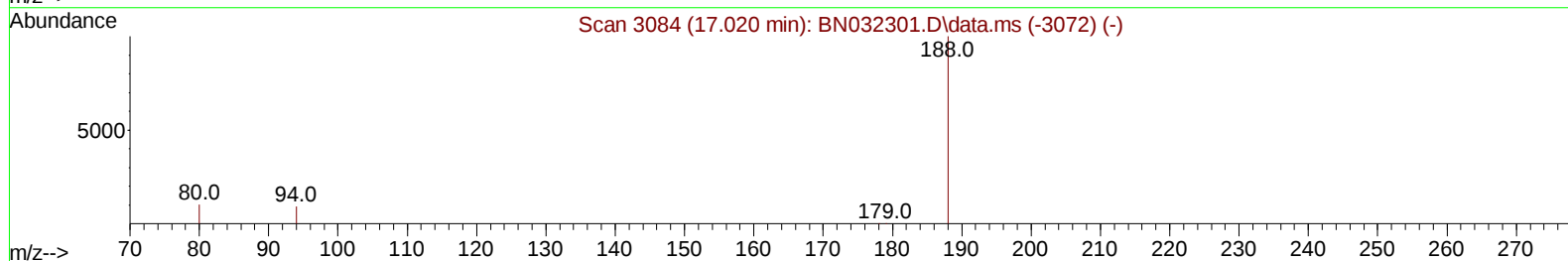
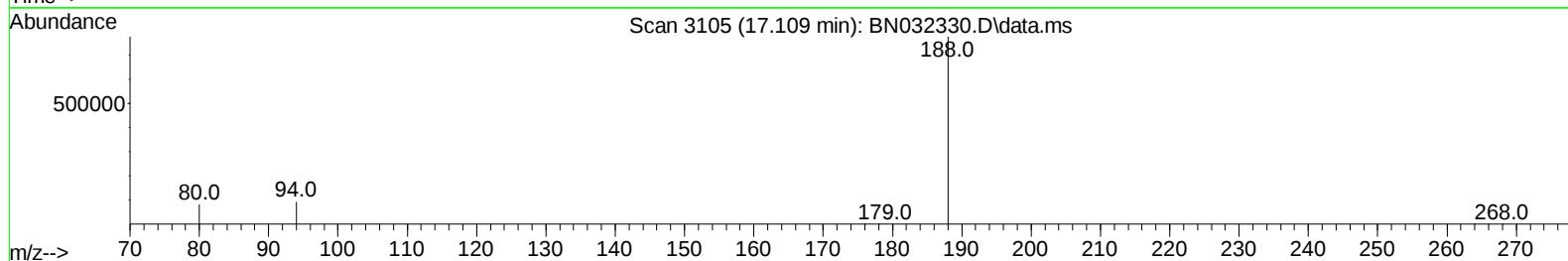
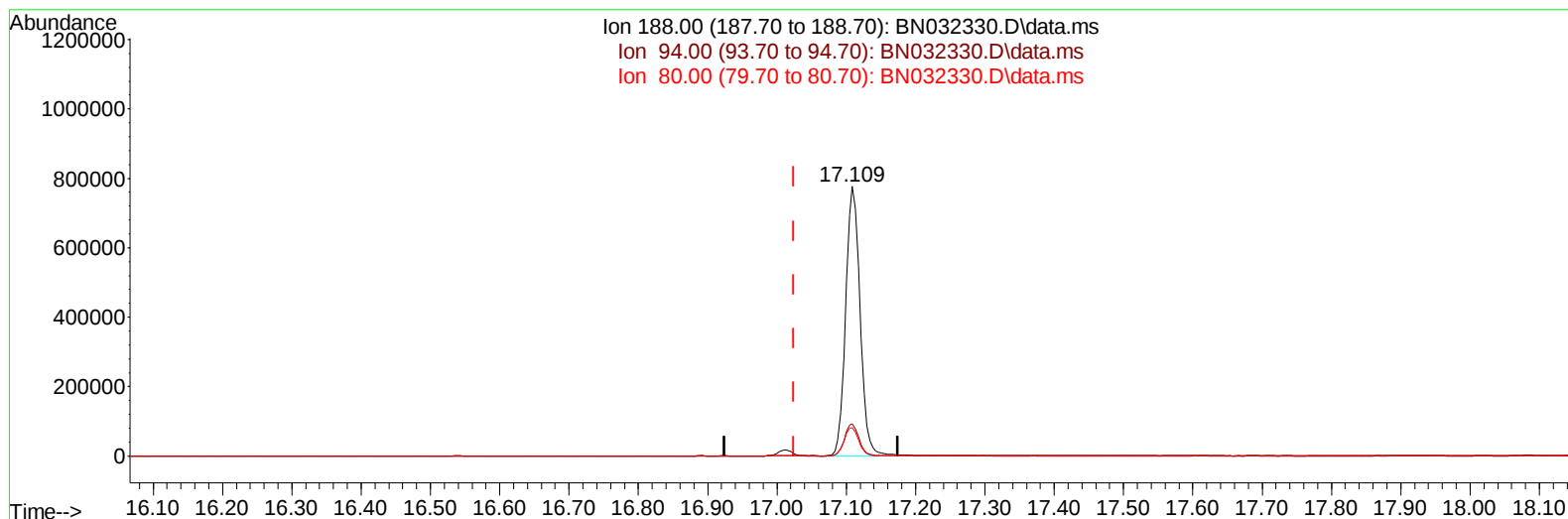
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032330.D
Acq On : 29 Jun 2024 01:27
Operator : MA/JU
Sample : P2934-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP7

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:58:55 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: BN032330.D\data.ms

(13) Phenanthrene-d10 (I)

17.109min (+ 0.084) 0.40 ng/u1

response 1113605

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.99
80.00	10.50	10.57
0.00	0.00	0.00

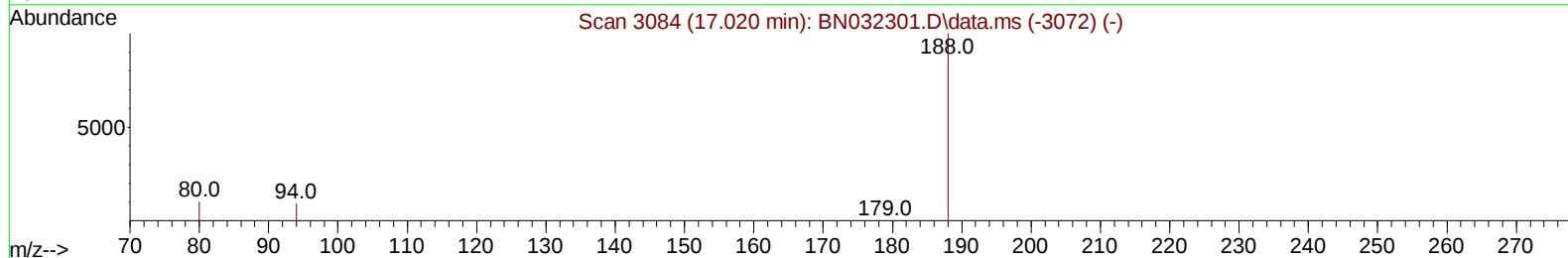
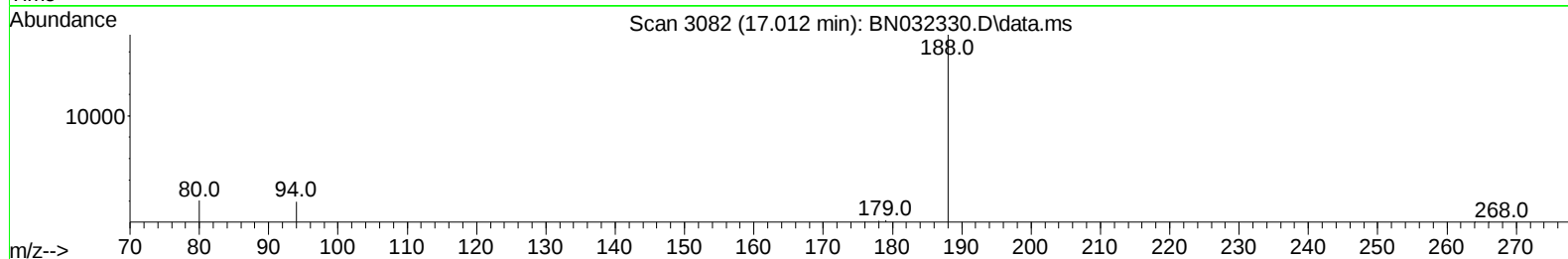
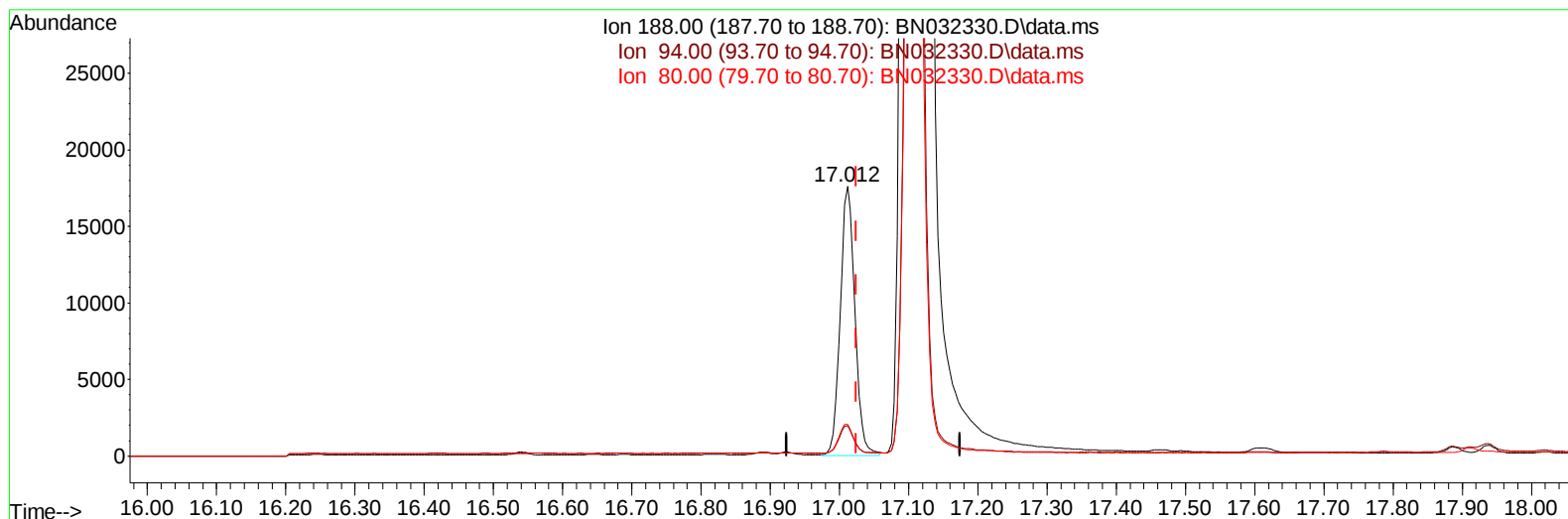
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032330.D
Acq On : 29 Jun 2024 01:27
Operator : MA/JU
Sample : P2934-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP7

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:58:55 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: BN032330.D\data.ms

(13) Phenanthrene-d10 (I)

17.012min (-0.013) 0.40 ng/u1 m

response 25769

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.21
80.00	10.50	11.78
0.00	0.00	0.00

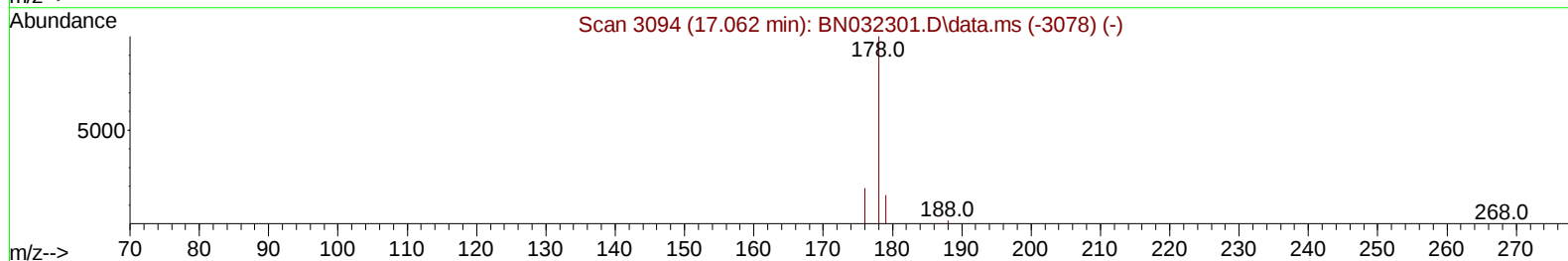
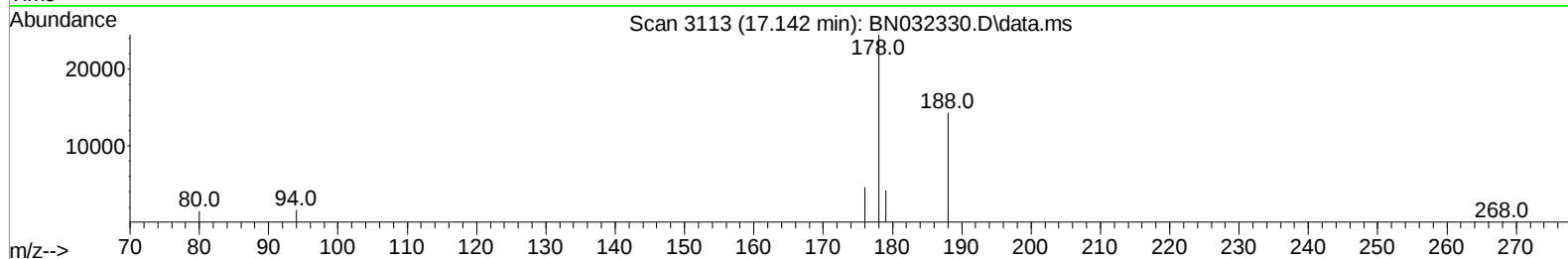
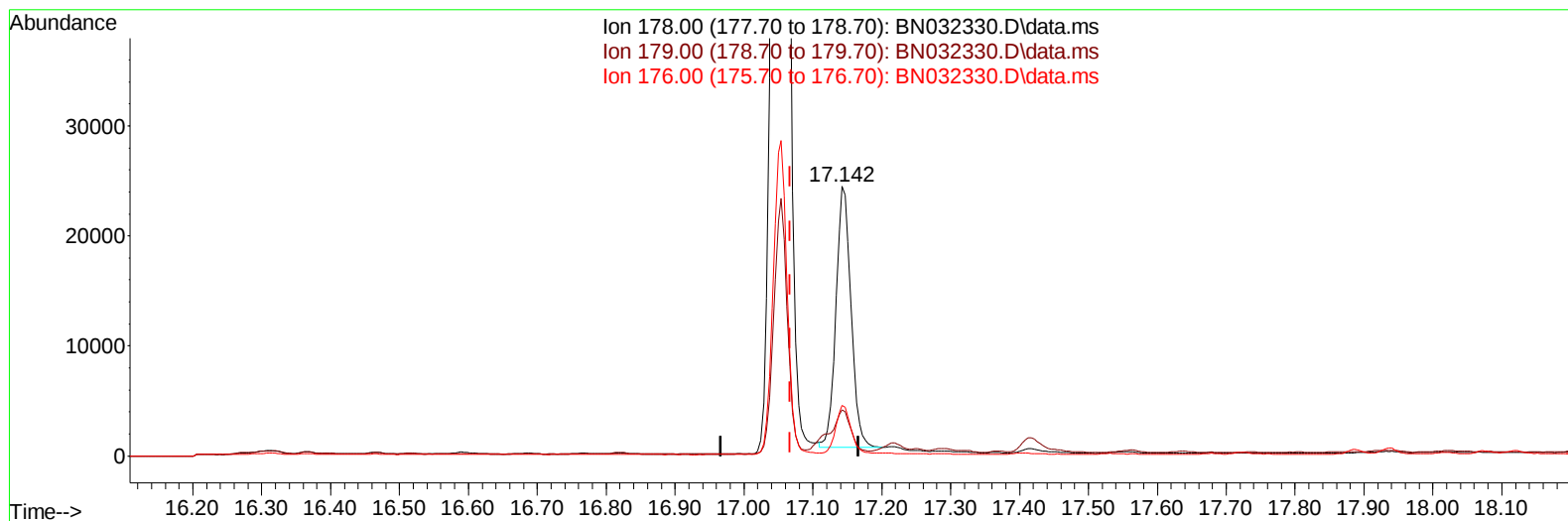
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032330.D
Acq On : 29 Jun 2024 01:27
Operator : MA/JU
Sample : P2934-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP7

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:58:55 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: BN032330.D\data.ms

(15) Phenanthrene

17.142min (+ 0.076) 0.51 ng/u1

response 36093

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	17.17
176.00	19.50	18.71
0.00	0.00	0.00

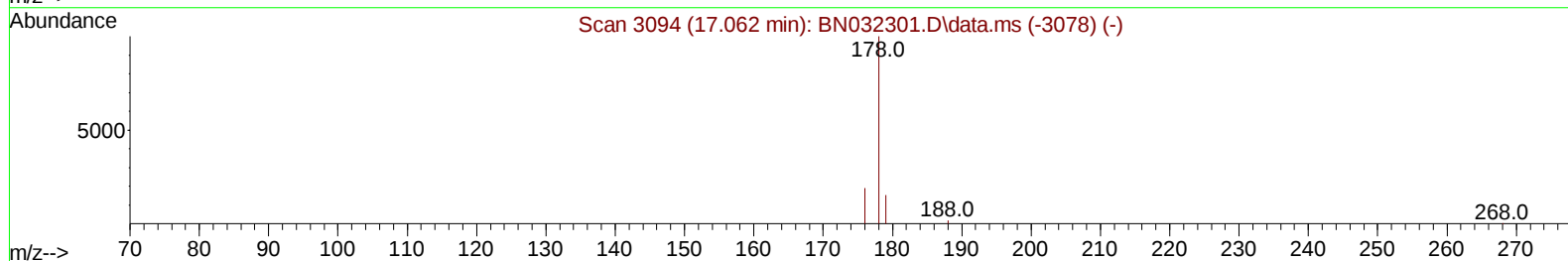
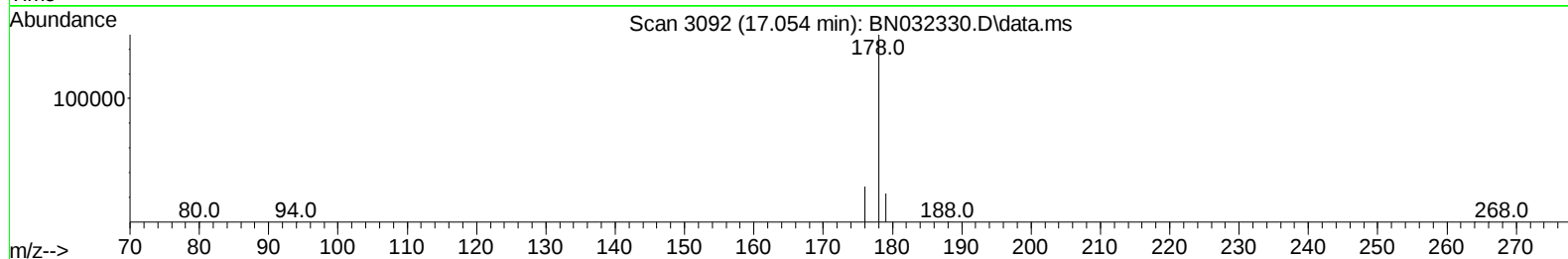
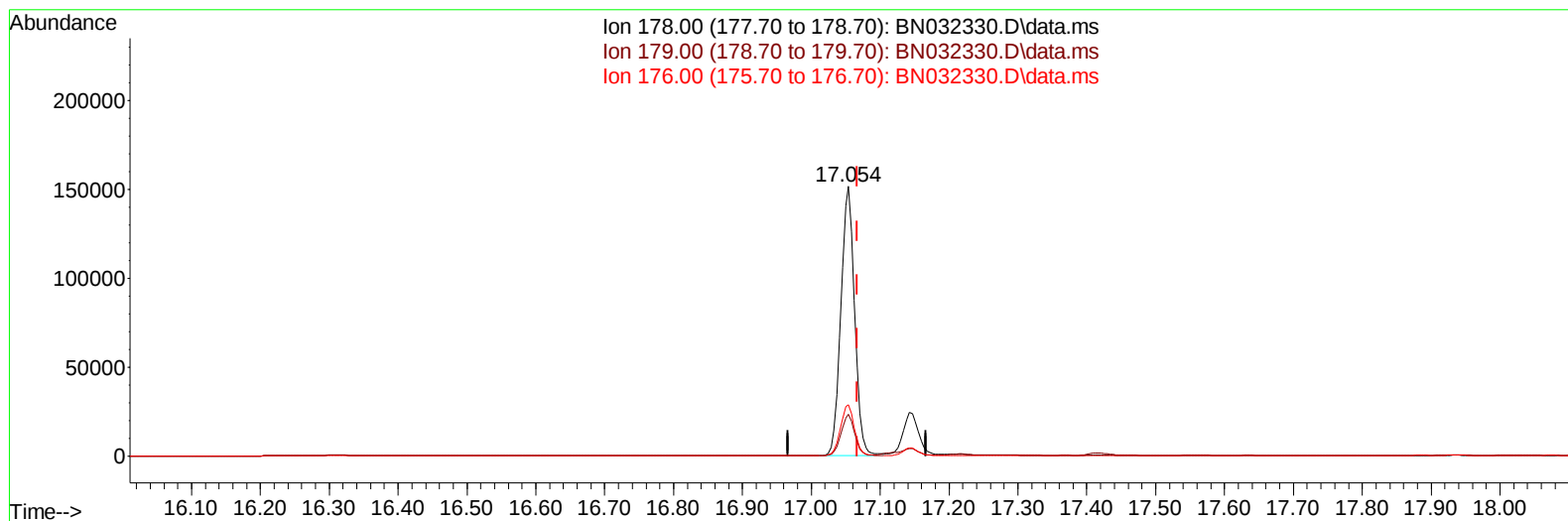
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032330.D
Acq On : 29 Jun 2024 01:27
Operator : MA/JU
Sample : P2934-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP7

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:58:55 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: BN032330.D\data.ms

(15) Phenanthrene

17.054min (-0.013) 2.98 ng/u1 m

response 210507

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.44
176.00	19.50	18.92
0.00	0.00	0.00

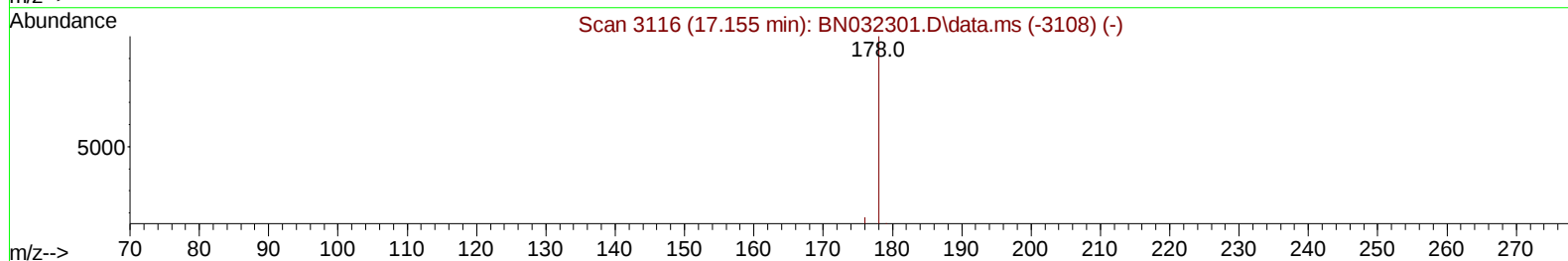
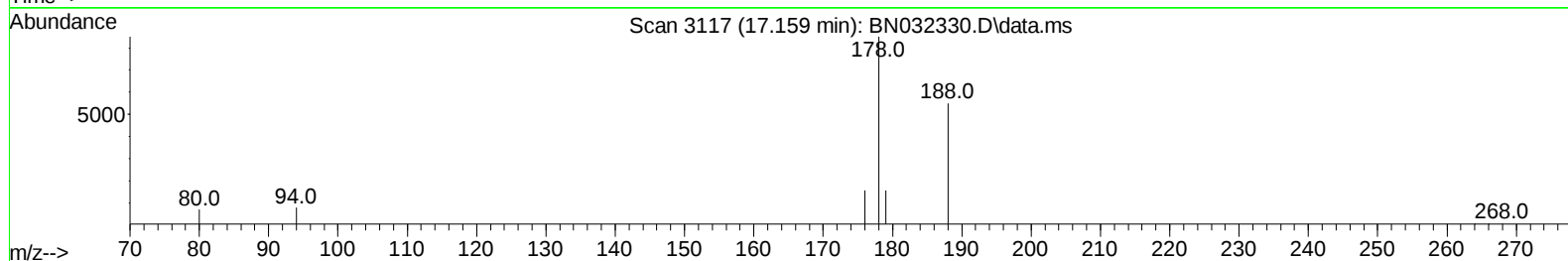
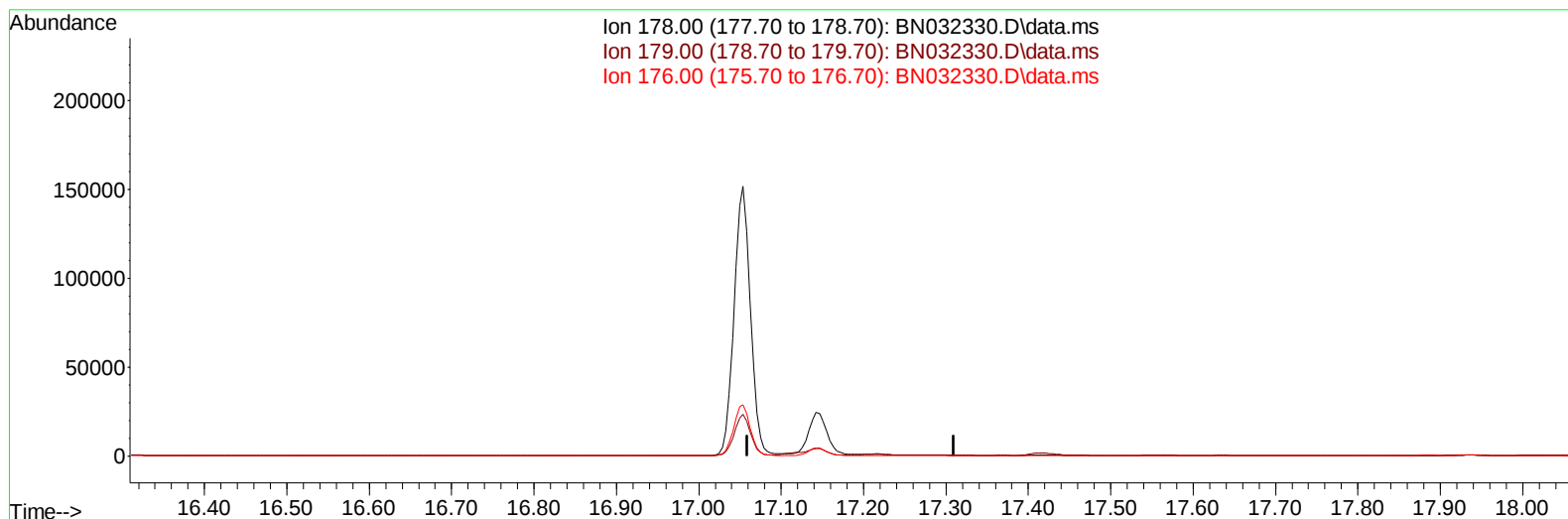
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032330.D
Acq On : 29 Jun 2024 01:27
Operator : MA/JU
Sample : P2934-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP7

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:58:55 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: BN032330.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

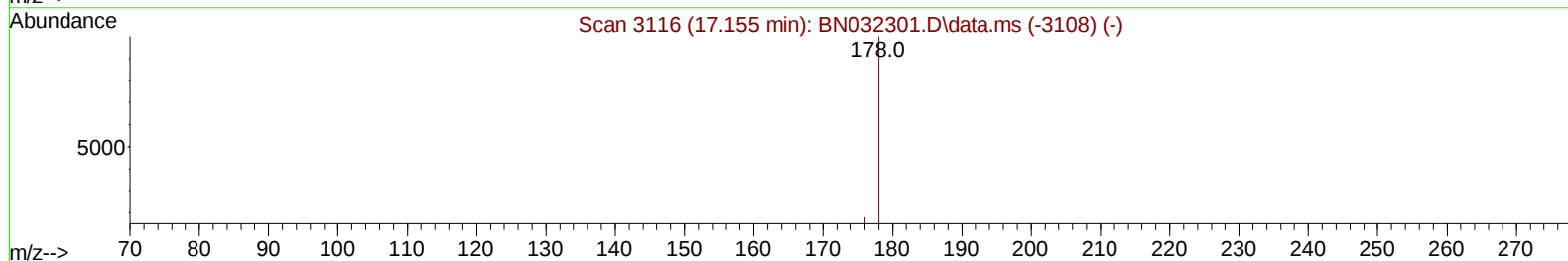
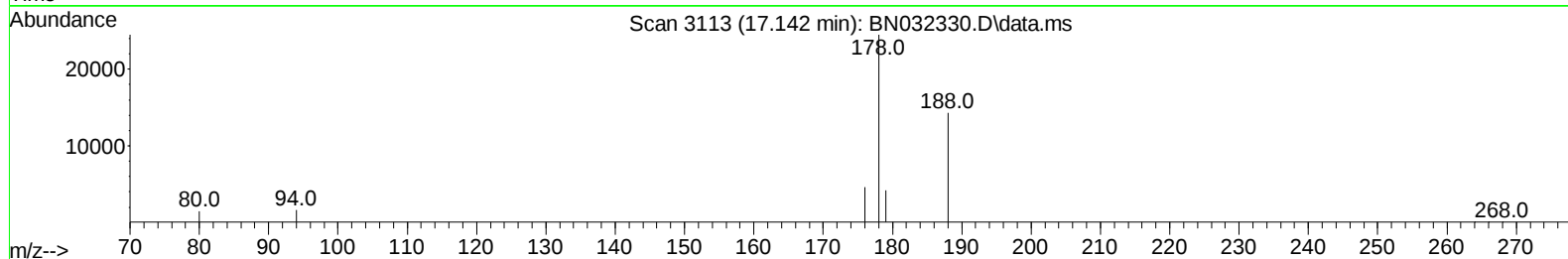
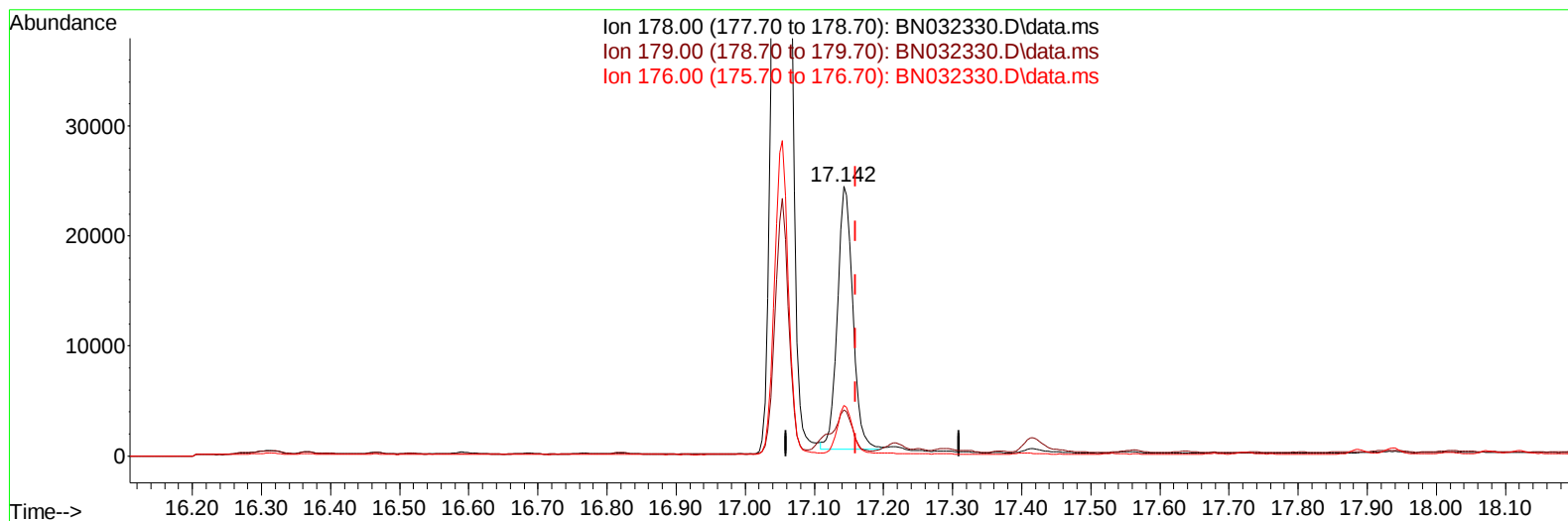
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032330.D
Acq On : 29 Jun 2024 01:27
Operator : MA/JU
Sample : P2934-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP7

Manual IntegrationsAPPROVED

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

Quant Time: Jun 29 02:58:55 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: BN032330.D\data.ms

(16) Anthracene

17.142min (-0.017) 0.59 ng/u1 m

response 36945

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	17.17
176.00	18.80	18.71
0.00	0.00	0.00

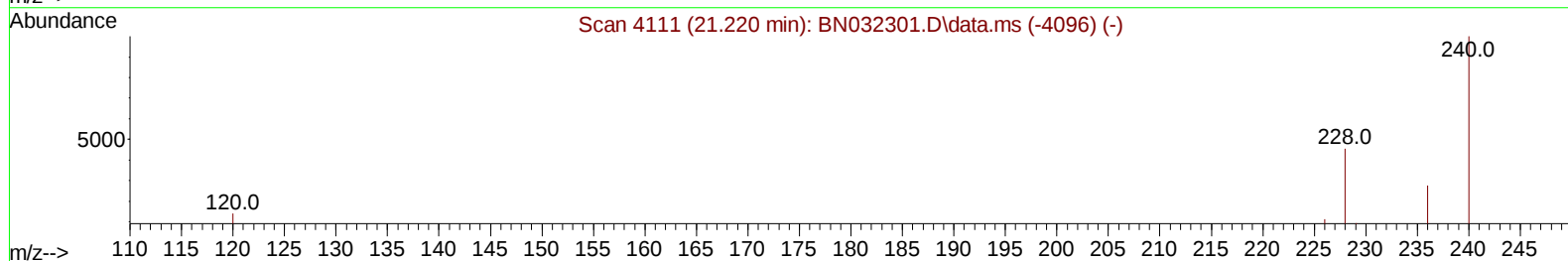
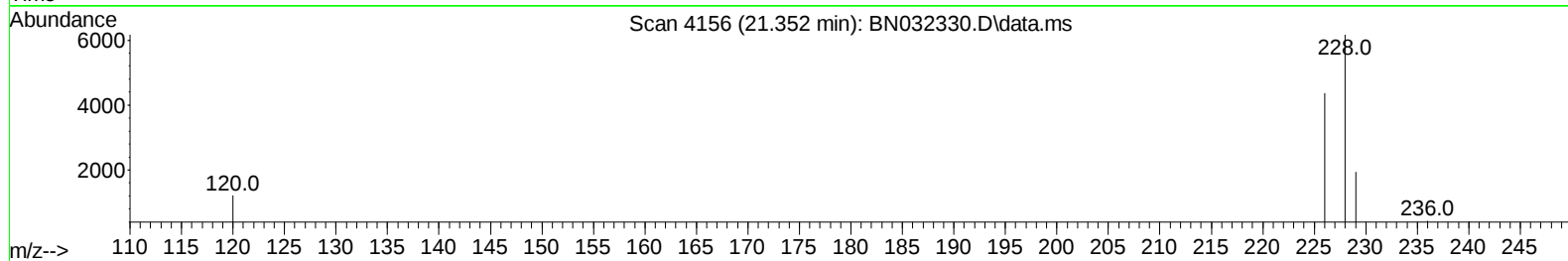
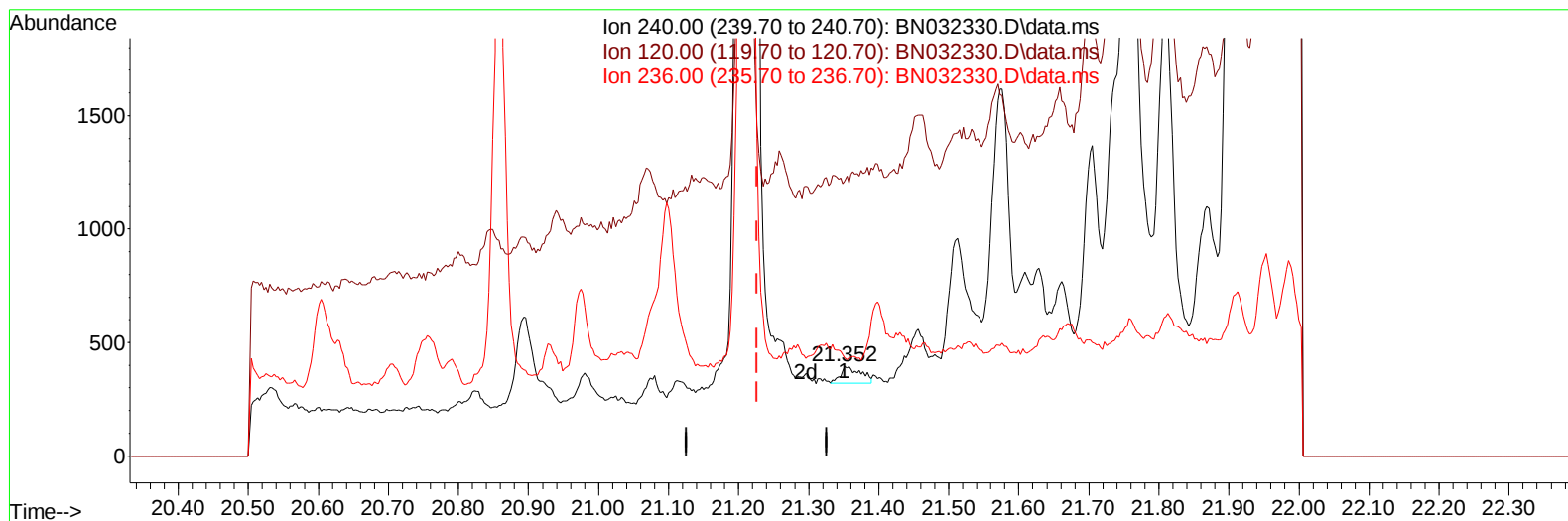
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032330.D
 Acq On : 29 Jun 2024 01:27
 Operator : MA/JU
 Sample : P2934-11
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CP7

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:58:55 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: BN032330.D\data.ms

(17) Chrysene-d12

21.352min (+ 0.125) 0.40 ng/u1

response 148

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	307.61#
236.00	28.40	110.15#
0.00	0.00	0.00

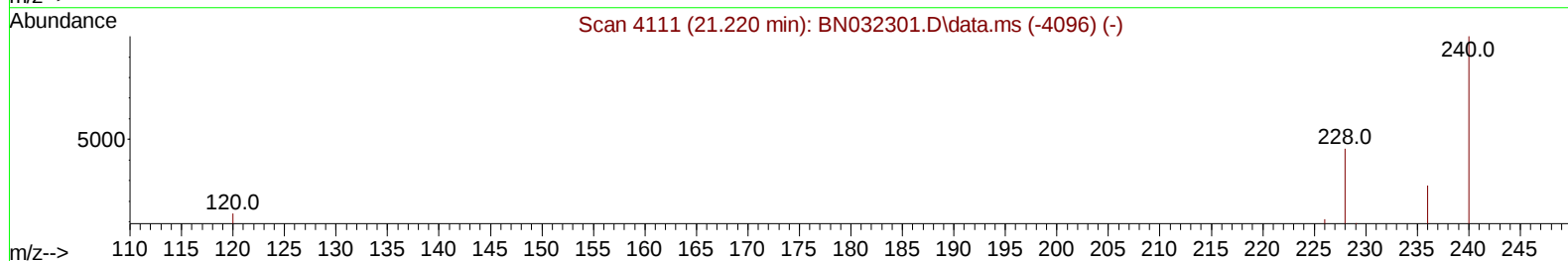
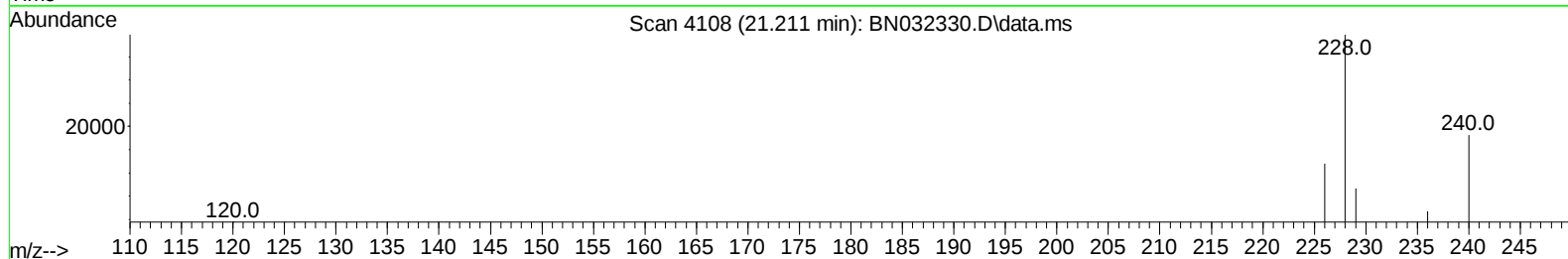
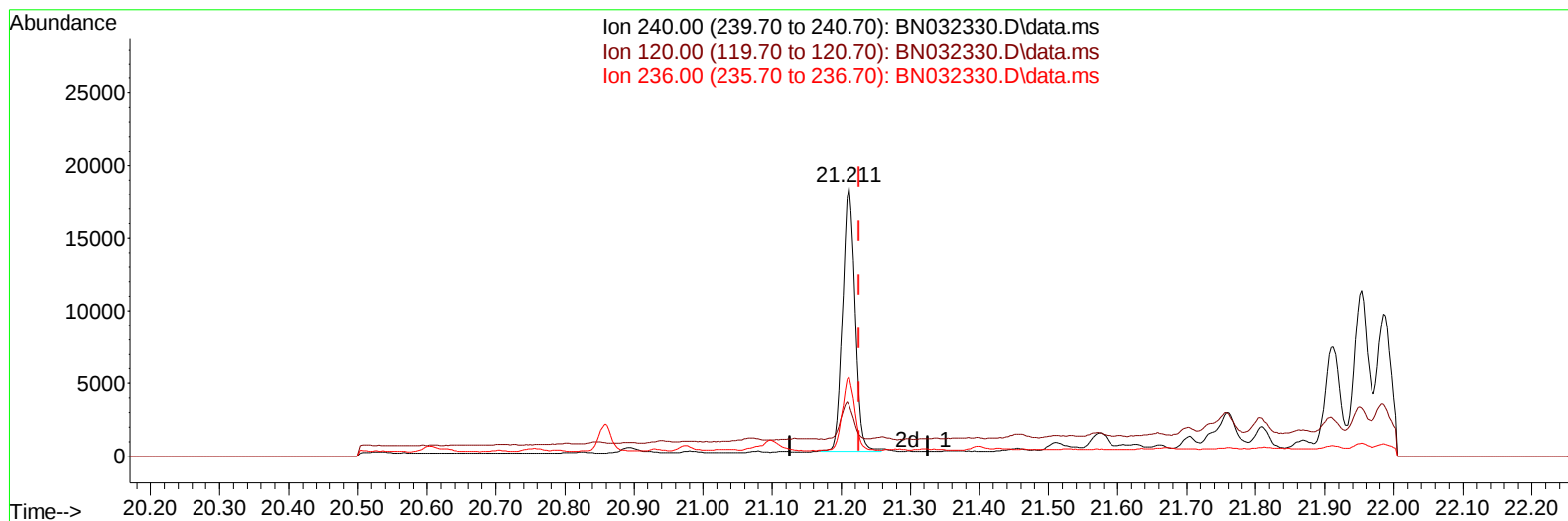
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032330.D
Acq On : 29 Jun 2024 01:27
Operator : MA/JU
Sample : P2934-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP7

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:58:55 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: BN032330.D\data.ms

(17) Chrysene-d12

21.211min (-0.015) 0.40 ng/ul m

response 22803

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	19.00
236.00	28.40	29.27
0.00	0.00	0.00

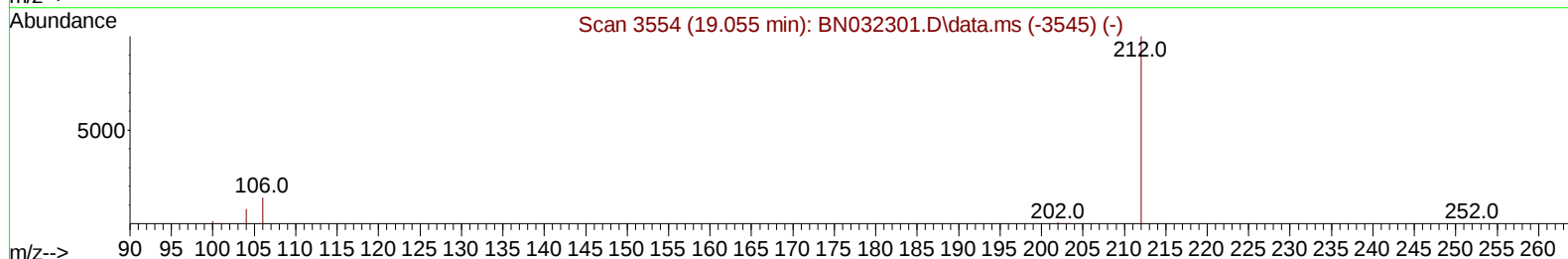
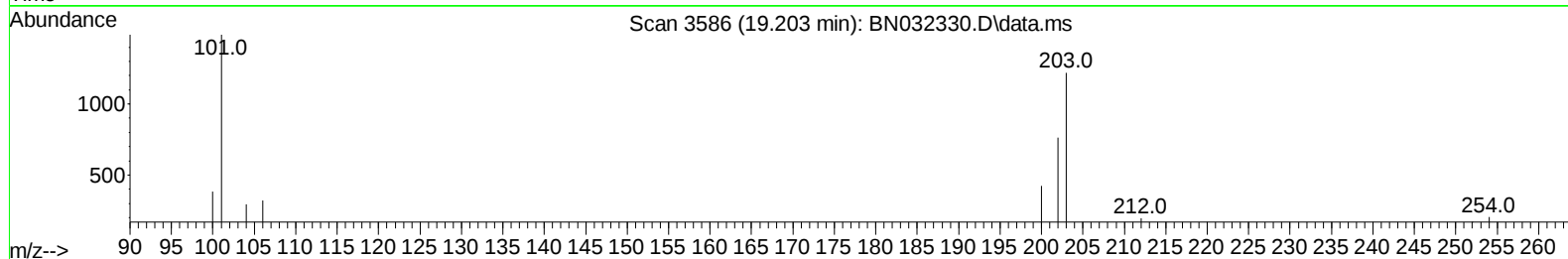
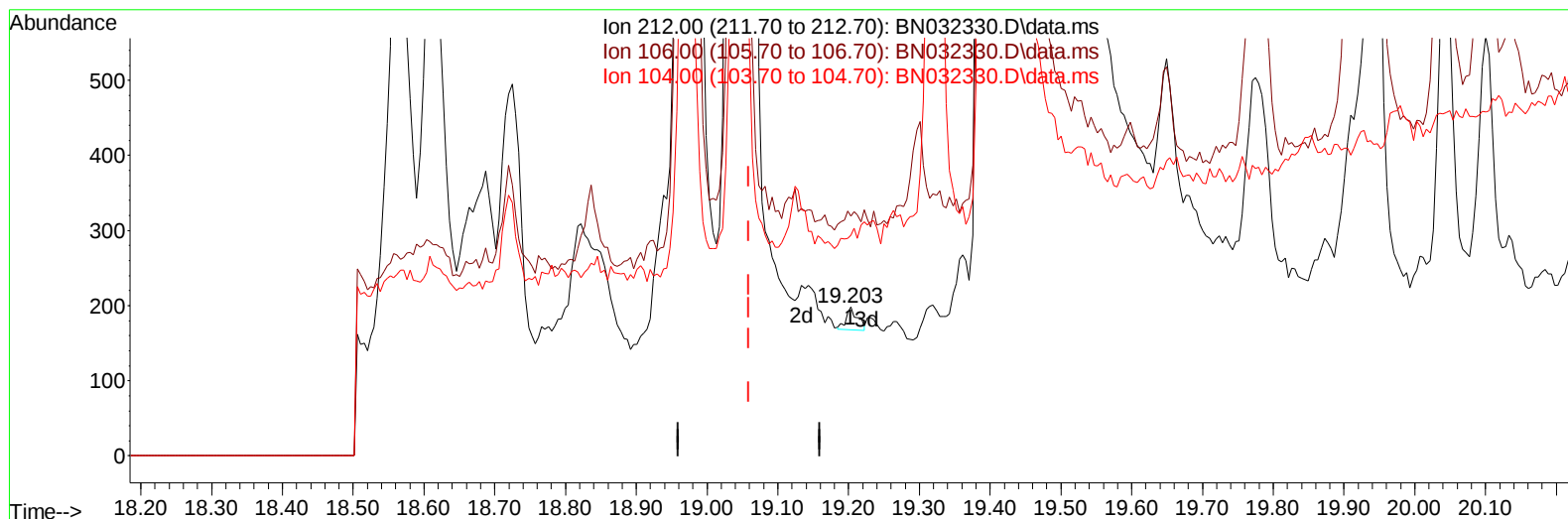
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032330.D
Acq On : 29 Jun 2024 01:27
Operator : MA/JU
Sample : P2934-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP7

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:58:55 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: BN032330.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.203min (+ 0.144) 0.00 ng/u1

response 34

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

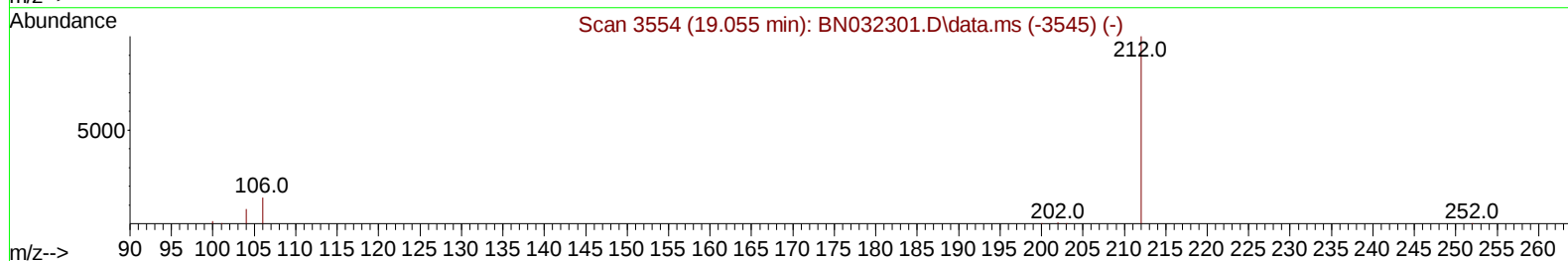
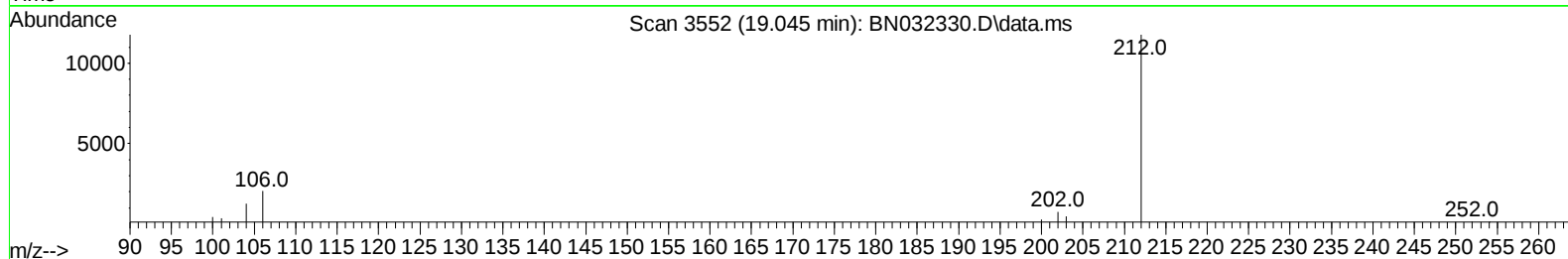
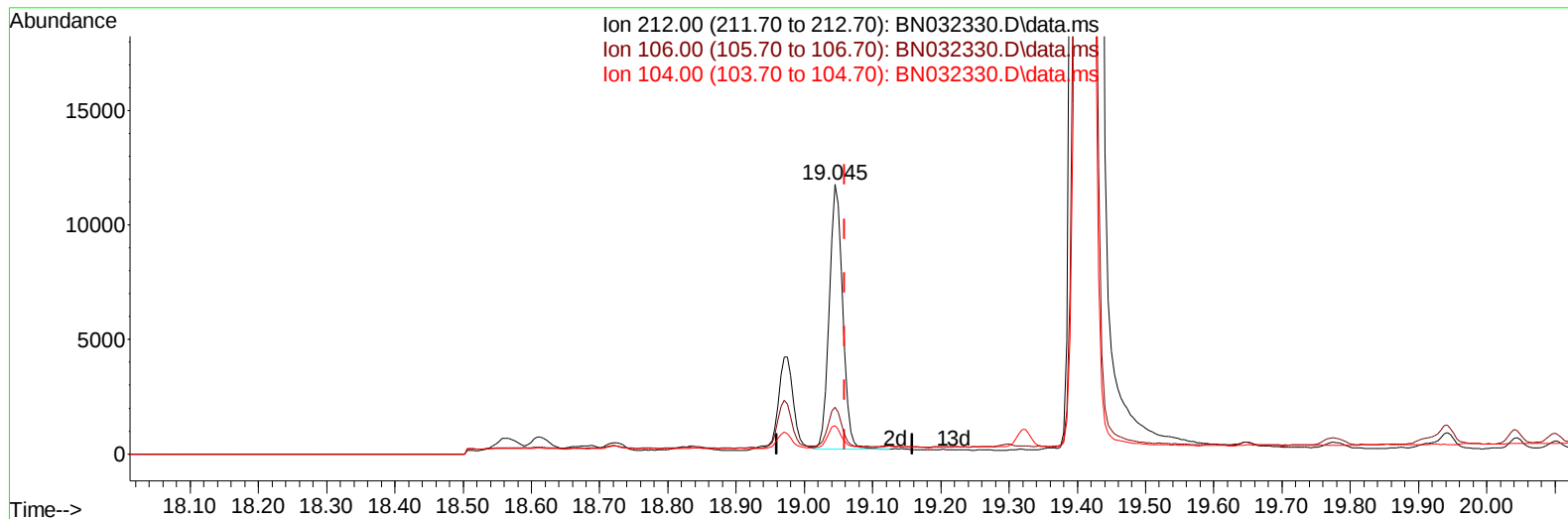
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032330.D
Acq On : 29 Jun 2024 01:27
Operator : MA/JU
Sample : P2934-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP7

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:58:55 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: BN032330.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.045min (-0.014) 0.23 ng/u1 m

response 15768

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

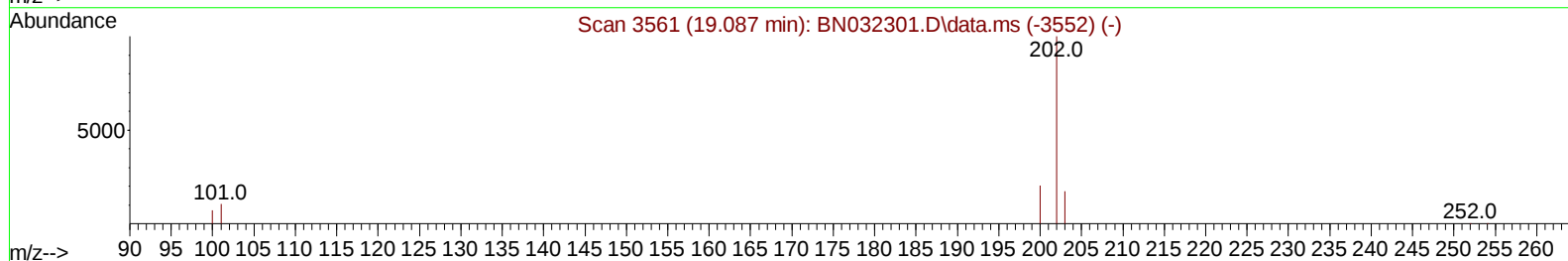
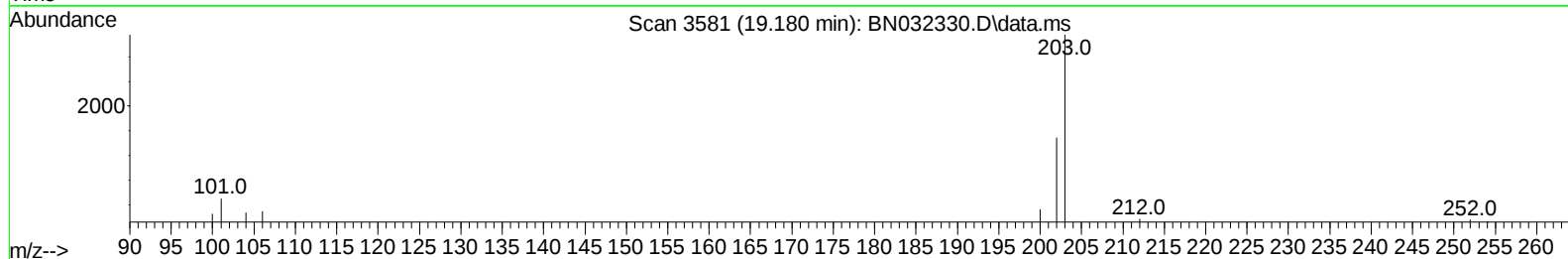
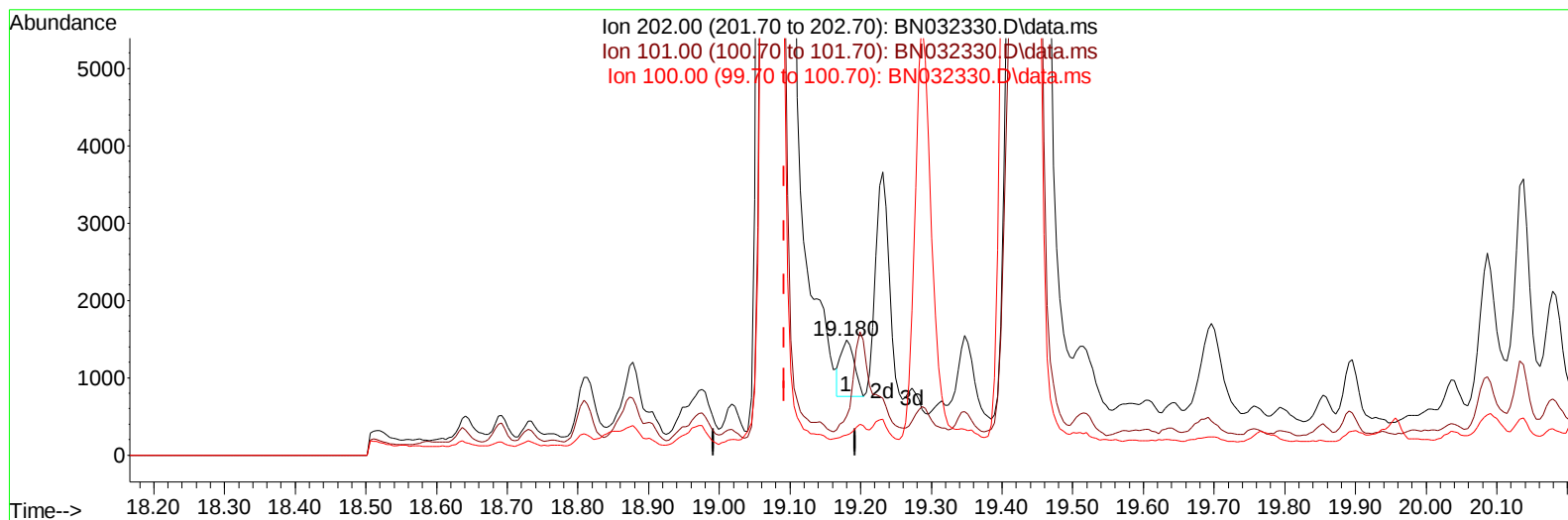
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032330.D
Acq On : 29 Jun 2024 01:27
Operator : MA/JU
Sample : P2934-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP7

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:58:55 2024
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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032330.D\data.ms

(19) Fluoranthene (C)

19.180min (+ 0.088) 0.01 ng/u1

response 968

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	33.98#
100.00	8.00	17.43#
0.00	0.00	0.00

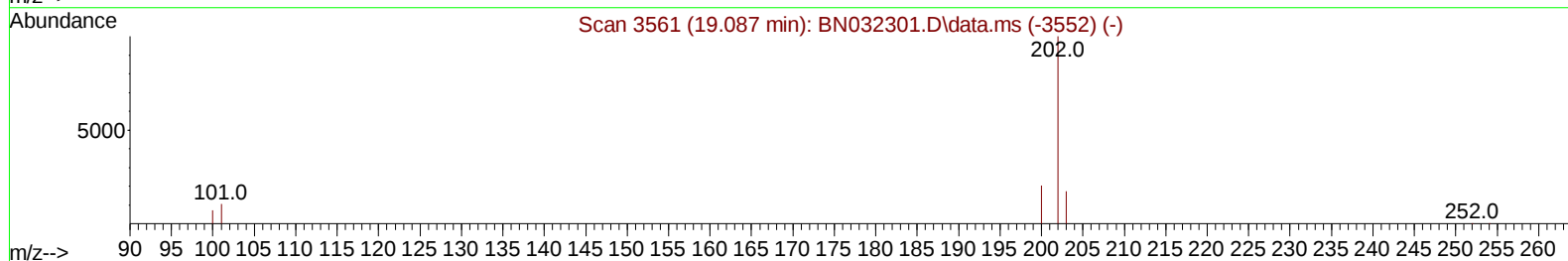
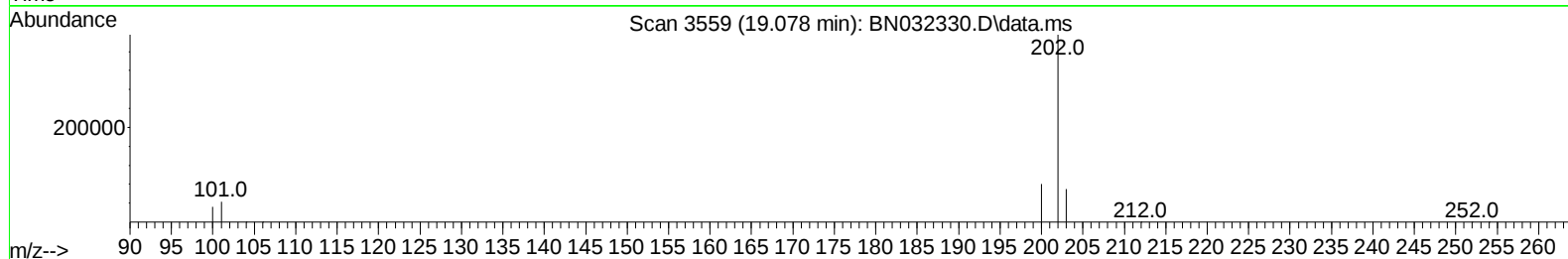
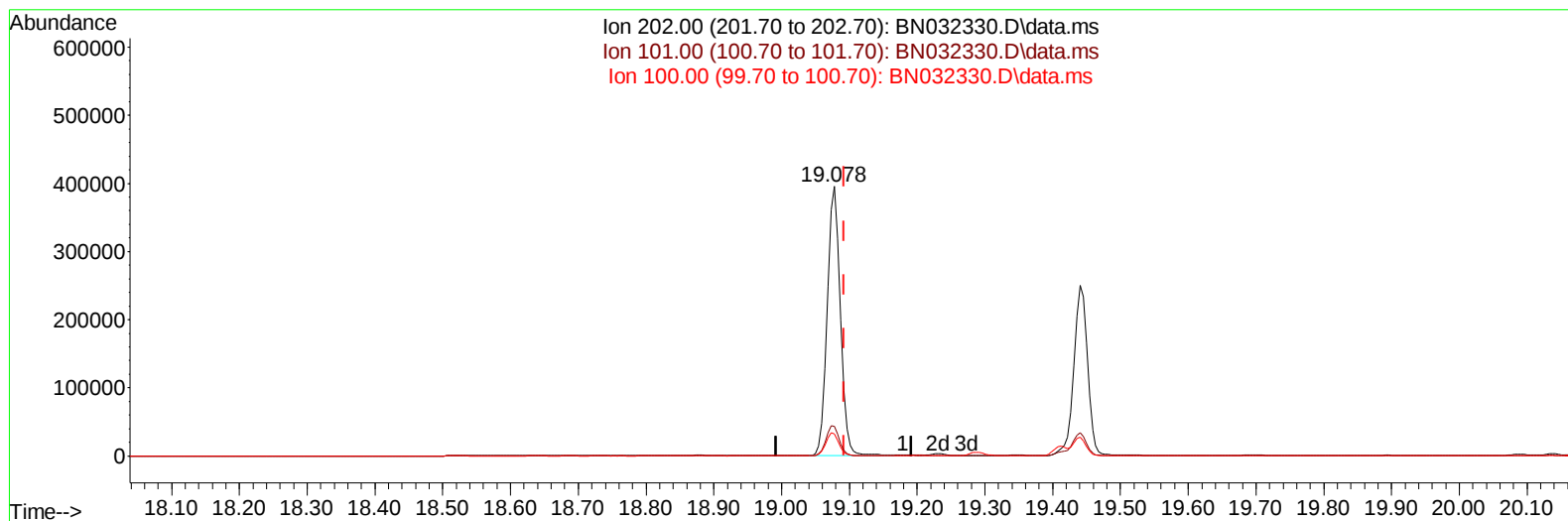
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032330.D
Acq On : 29 Jun 2024 01:27
Operator : MA/JU
Sample : P2934-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP7

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:58:55 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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Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032330.D\data.ms

(19) Fluoranthene (C)

19.078min (-0.014) 6.10 ng/ul m

response 529293

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.01
100.00	8.00	8.16
0.00	0.00	0.00

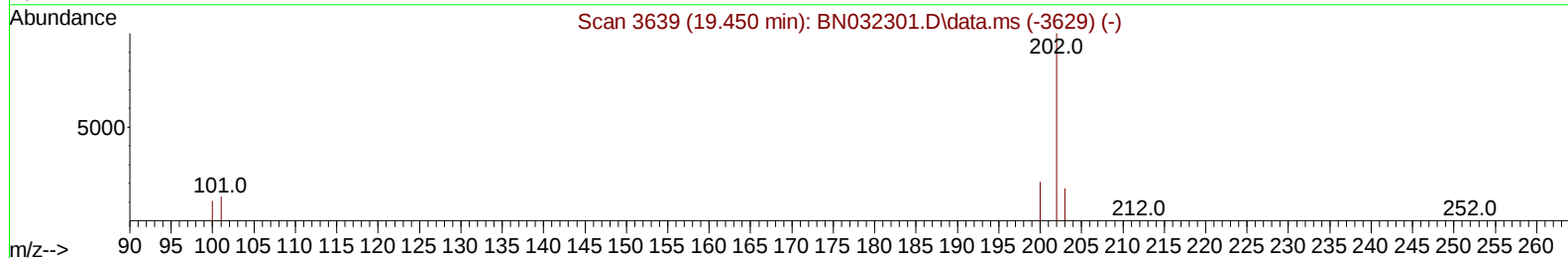
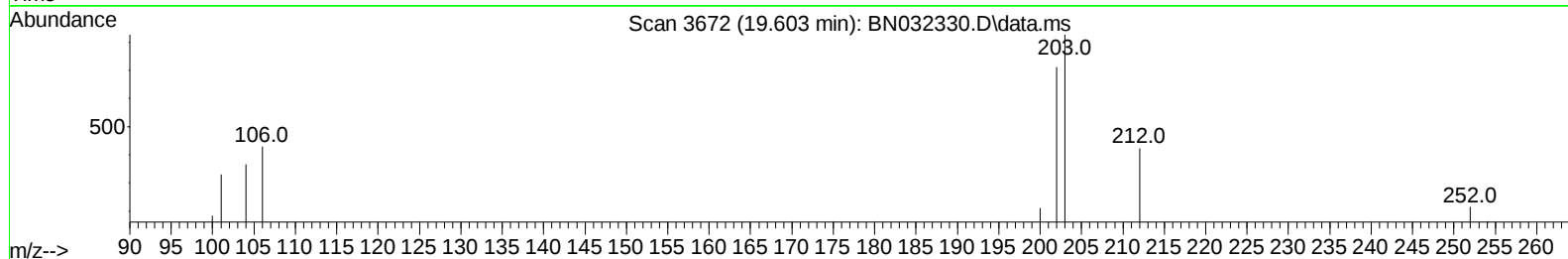
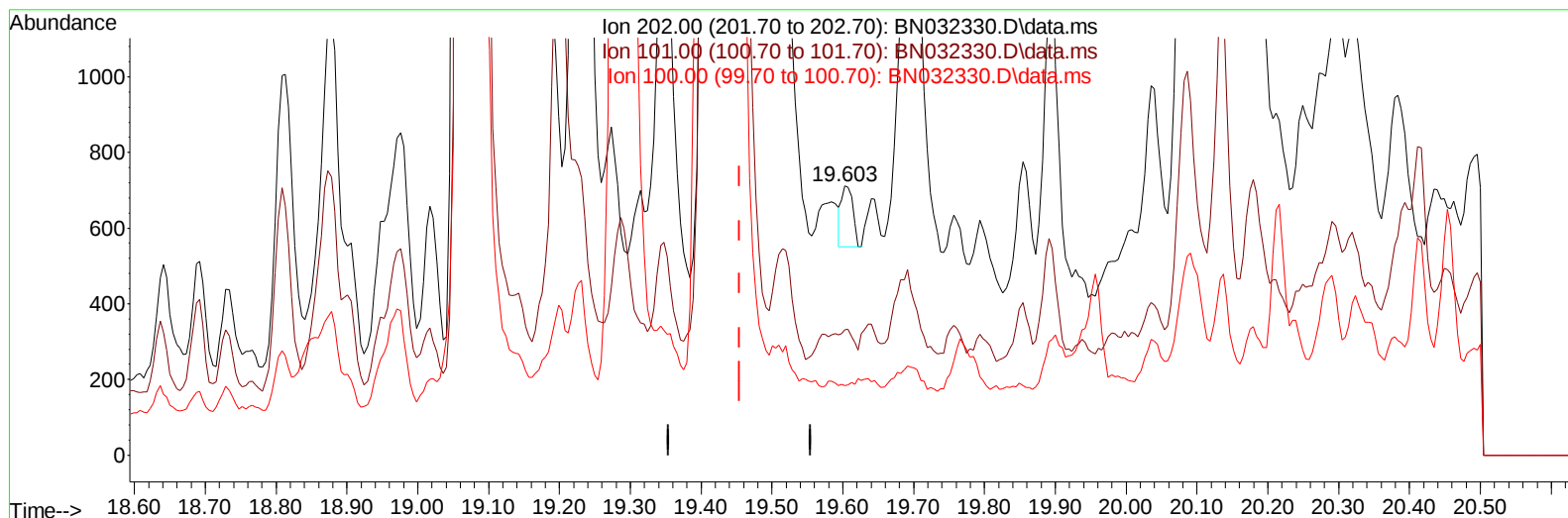
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032330.D
Acq On : 29 Jun 2024 01:27
Operator : MA/JU
Sample : P2934-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP7

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:58:55 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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Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032330.D\data.ms

(20) Pyrene

19.603min (+ 0.148) 0.00 ng/u1

response 178

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	46.55#
100.00	10.90	25.74#
0.00	0.00	0.00

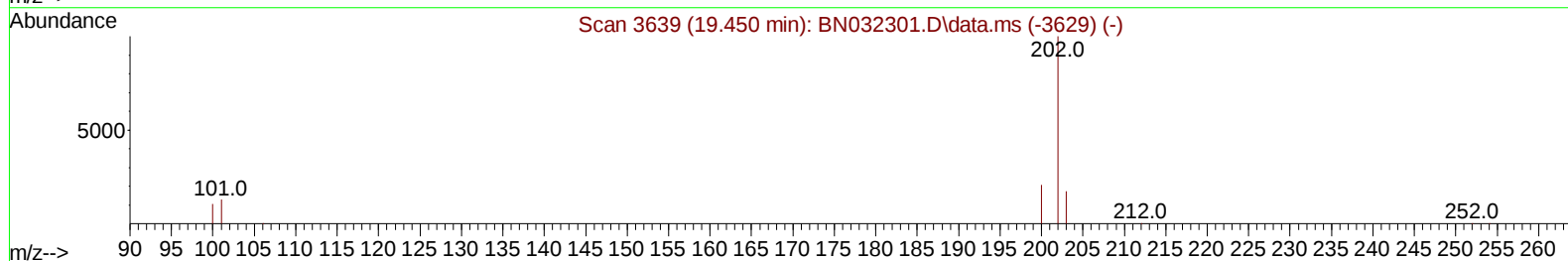
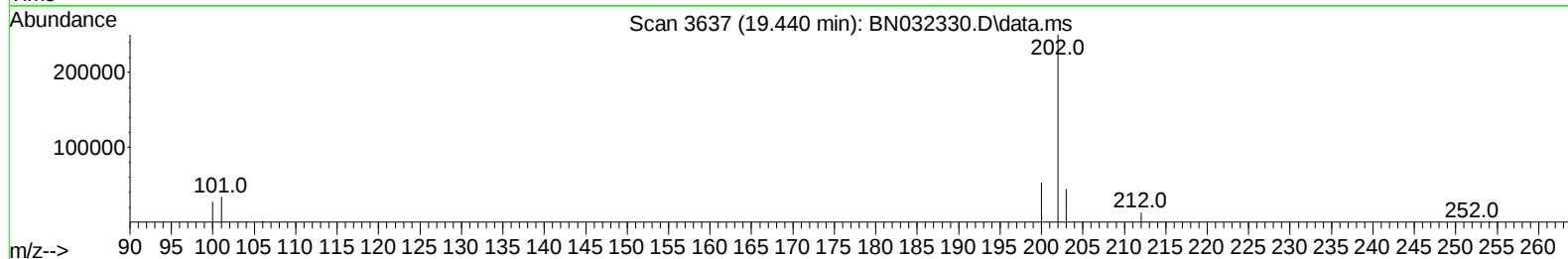
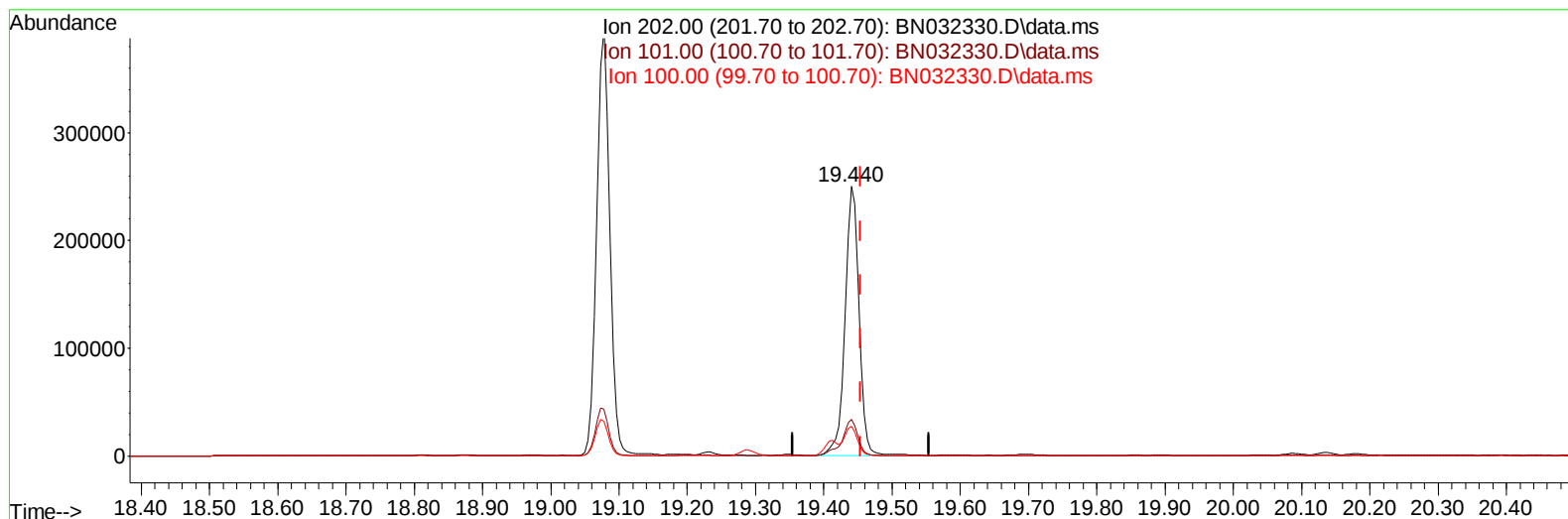
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032330.D
Acq On : 29 Jun 2024 01:27
Operator : MA/JU
Sample : P2934-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP7

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:58:55 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: BN032330.D\data.ms

(20) Pyrene

19.440min (-0.014) 3.91 ng/u1 m

response 354844

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	13.54
100.00	10.90	10.99
0.00	0.00	0.00

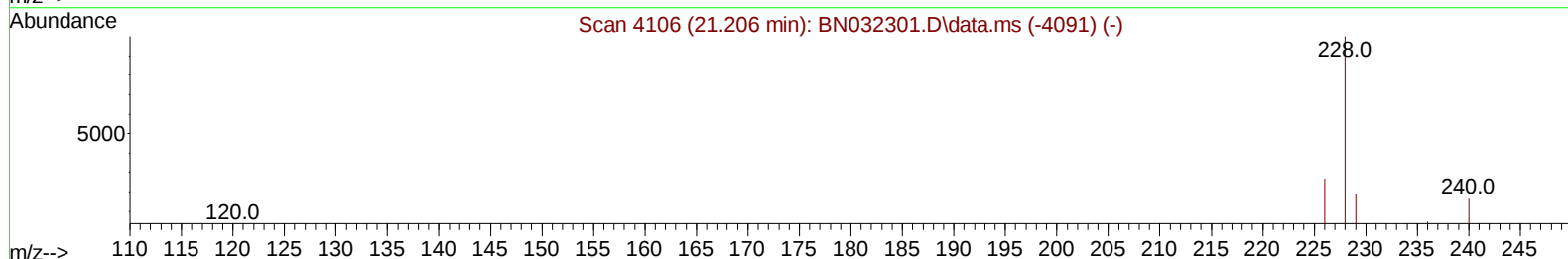
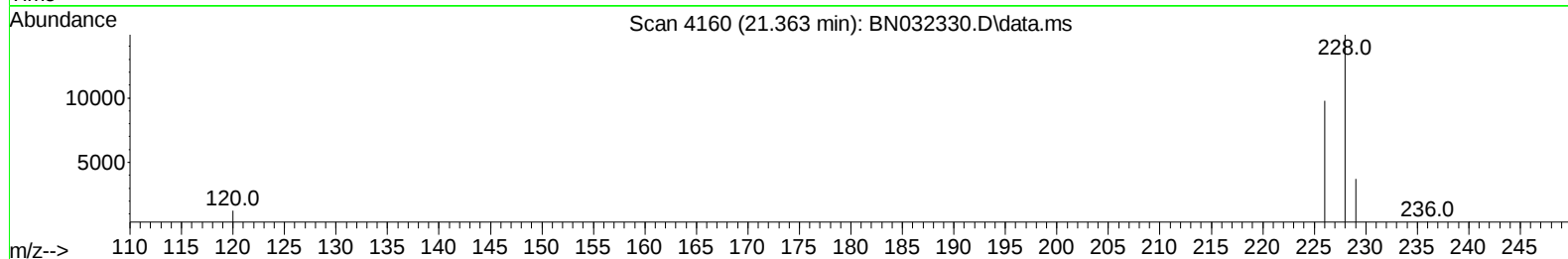
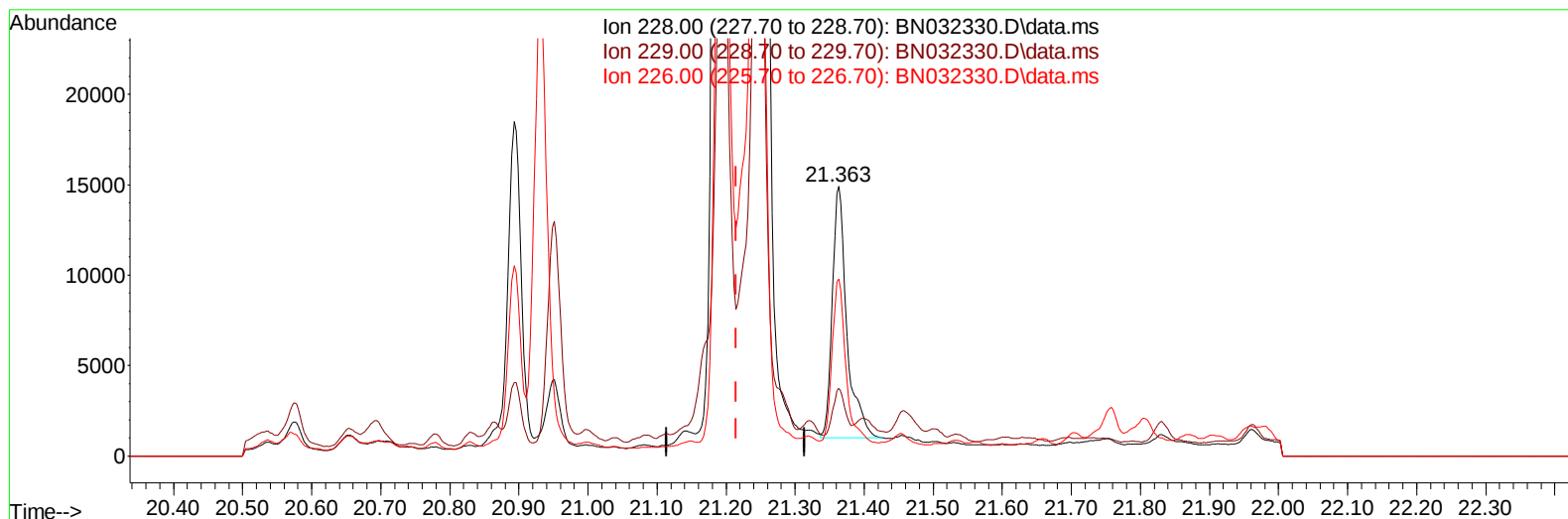
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032330.D
Acq On : 29 Jun 2024 01:27
Operator : MA/JU
Sample : P2934-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP7

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:58:55 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: BN032330.D\data.ms

(21) Benzo(a)anthracene

21.363min (+ 0.149) 0.25 ng/u1

response 20309

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	25.04#
226.00	27.30	65.63#
0.00	0.00	0.00

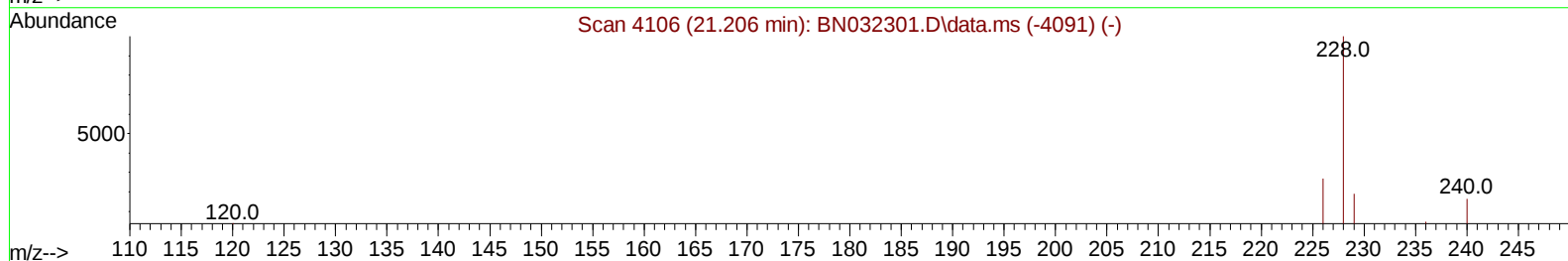
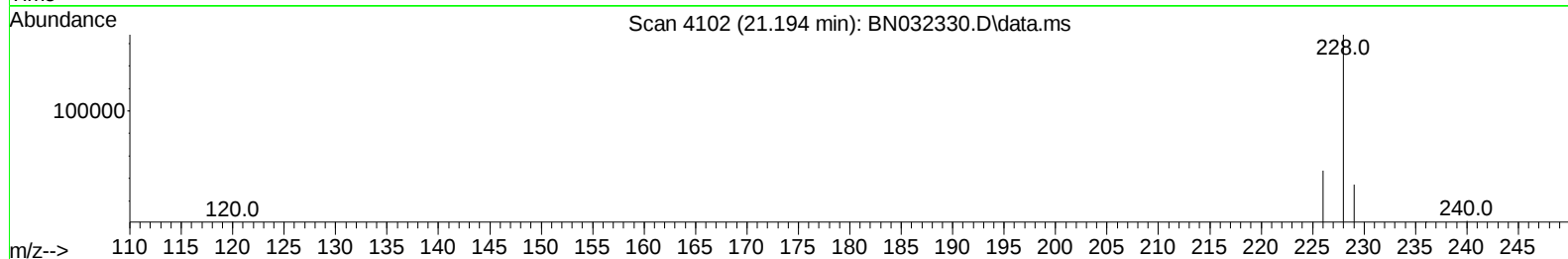
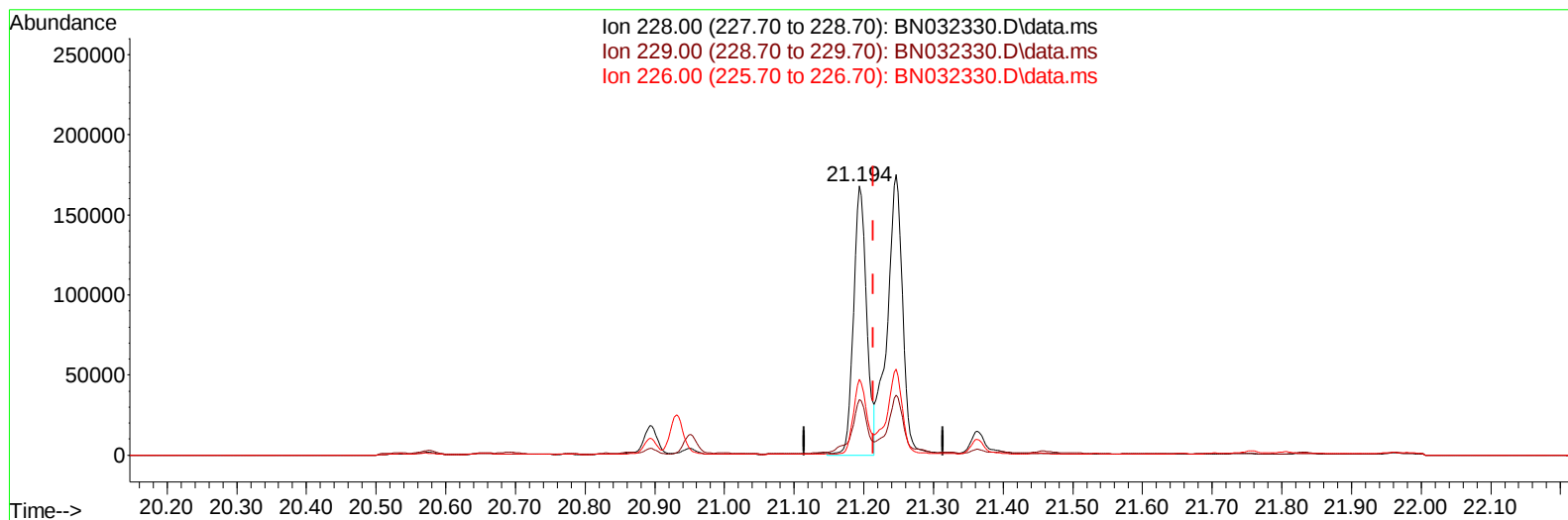
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032330.D
 Acq On : 29 Jun 2024 01:27
 Operator : MA/JU
 Sample : P2934-11
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CP7

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:58:55 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: BN032330.D\data.ms

(21) Benzo(a)anthracene

21.194min (-0.021) 2.67 ng/u1 m

response 219807

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	20.68
226.00	27.30	28.09
0.00	0.00	0.00

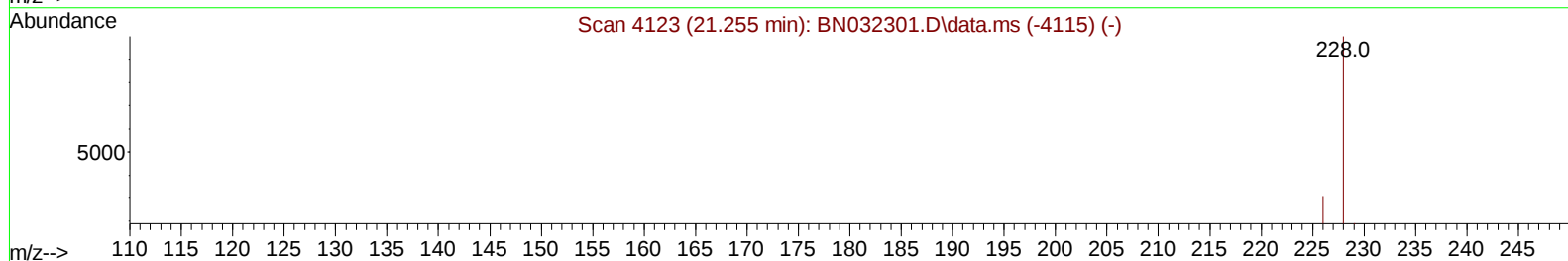
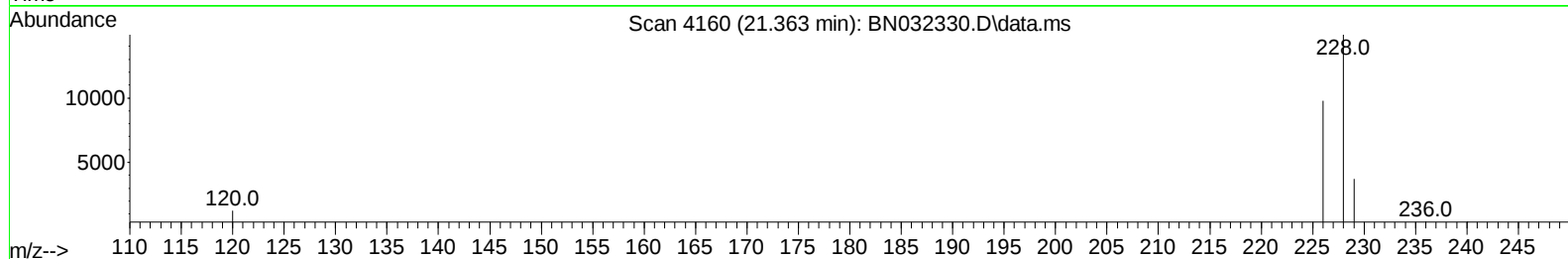
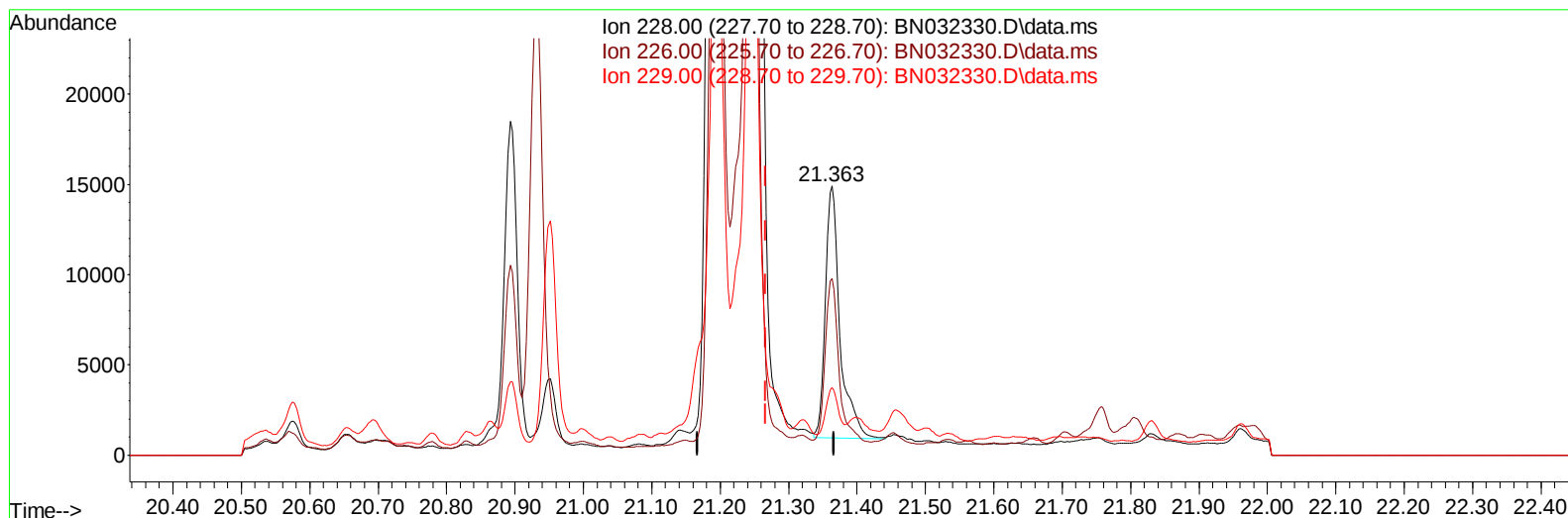
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032330.D
Acq On : 29 Jun 2024 01:27
Operator : MA/JU
Sample : P2934-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP7

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:58:55 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: BN032330.D\data.ms

(22) Chrysene

21.363min (+ 0.096) 0.23 ng/u1

response 20684

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	65.63#
229.00	19.60	25.04#
0.00	0.00	0.00

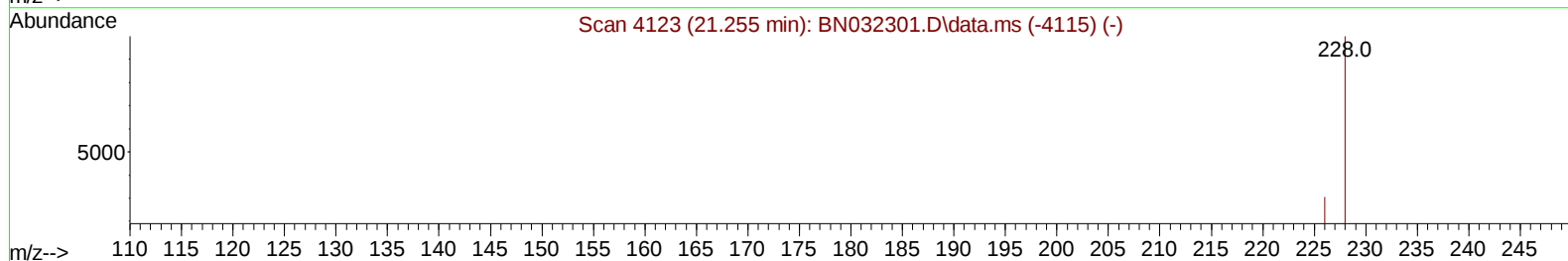
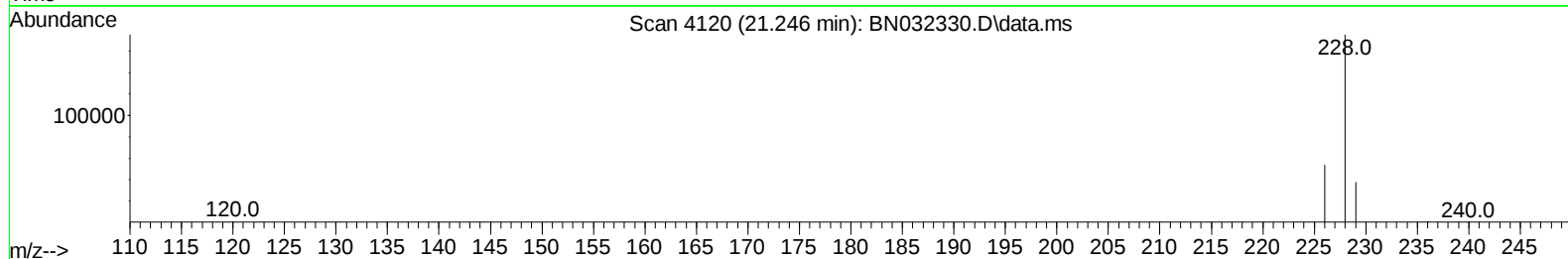
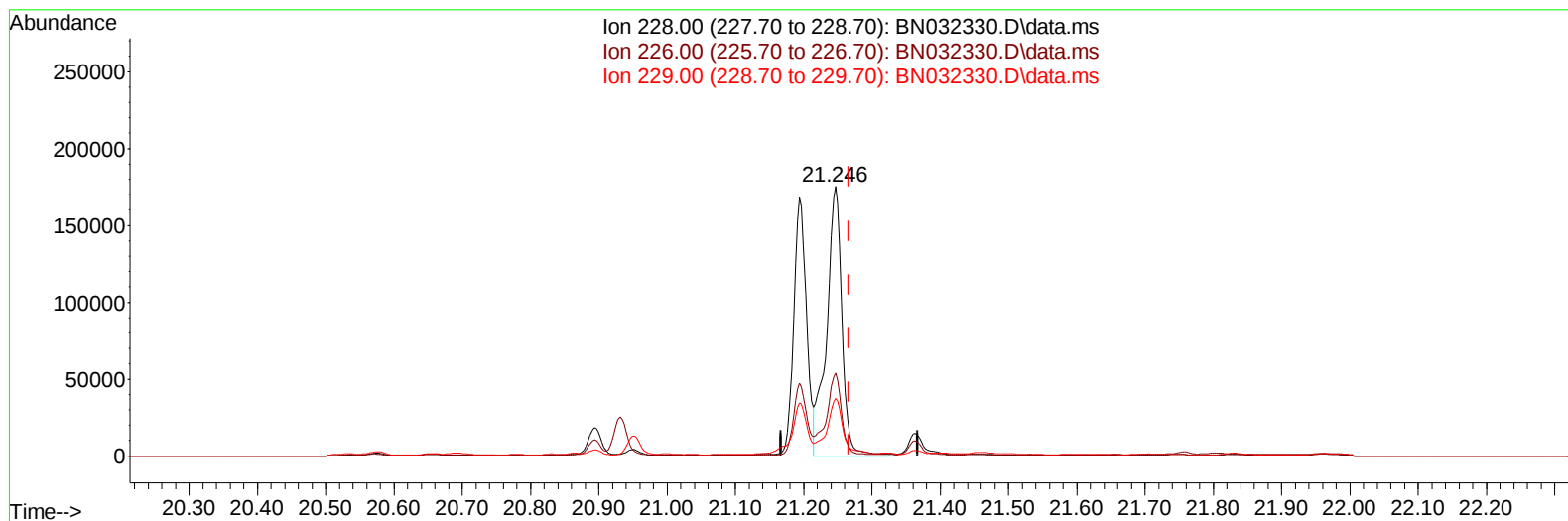
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032330.D
Acq On : 29 Jun 2024 01:27
Operator : MA/JU
Sample : P2934-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP7

Manual IntegrationsAPPROVED

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

Quant Time: Jun 29 02:58:55 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: BN032330.D\data.ms

(22) Chrysene

21.246min (-0.021) 3.04 ng/u1 m

response 274556

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	30.67
229.00	19.60	21.43
0.00	0.00	0.00

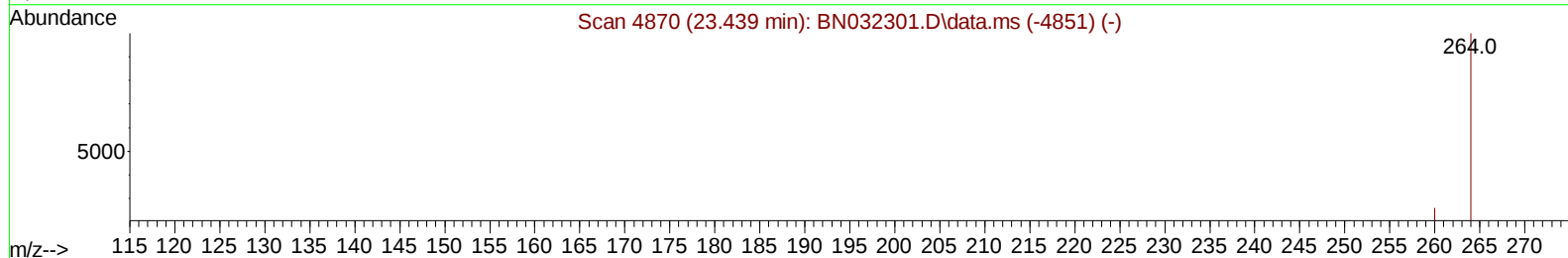
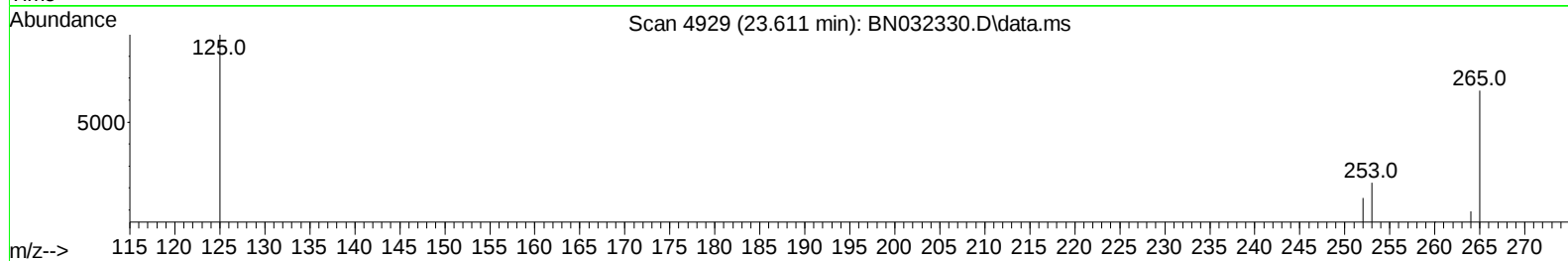
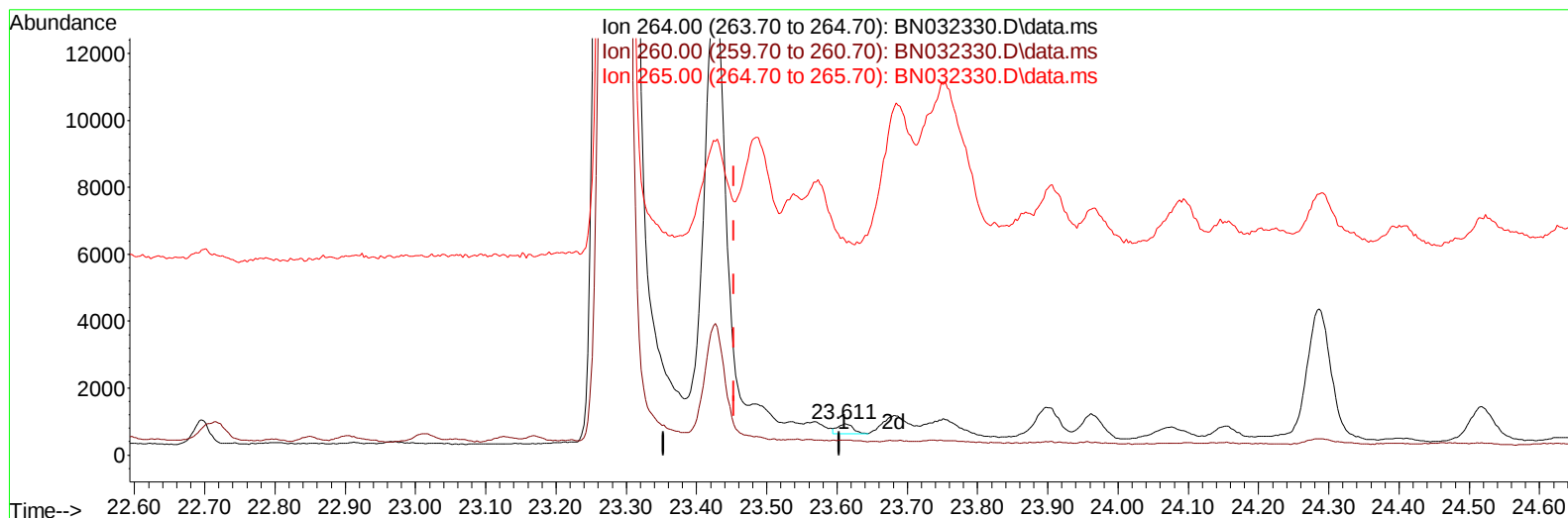
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032330.D
Acq On : 29 Jun 2024 01:27
Operator : MA/JU
Sample : P2934-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP7

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:58:55 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: BN032330.D\data.ms

(23) Perylene-d12 (I)

23.611min (+ 0.158) 0.40 ng/u1

response 444

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	48.39#
265.00	67.20	689.61#
0.00	0.00	0.00

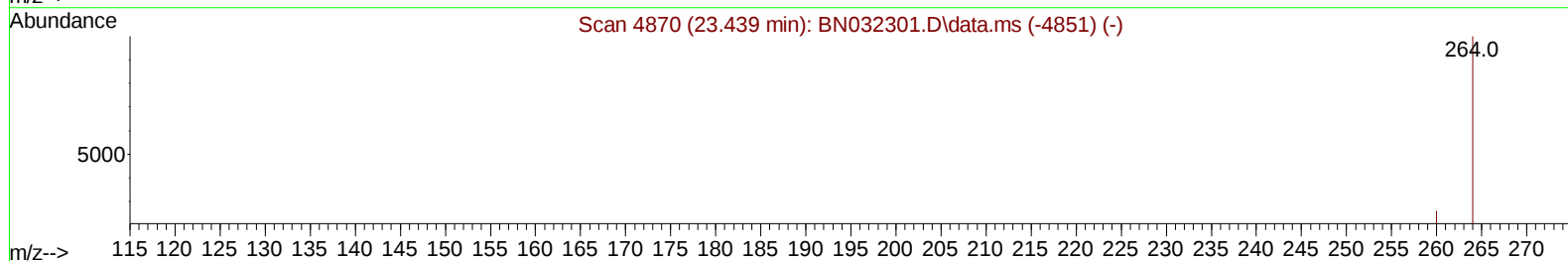
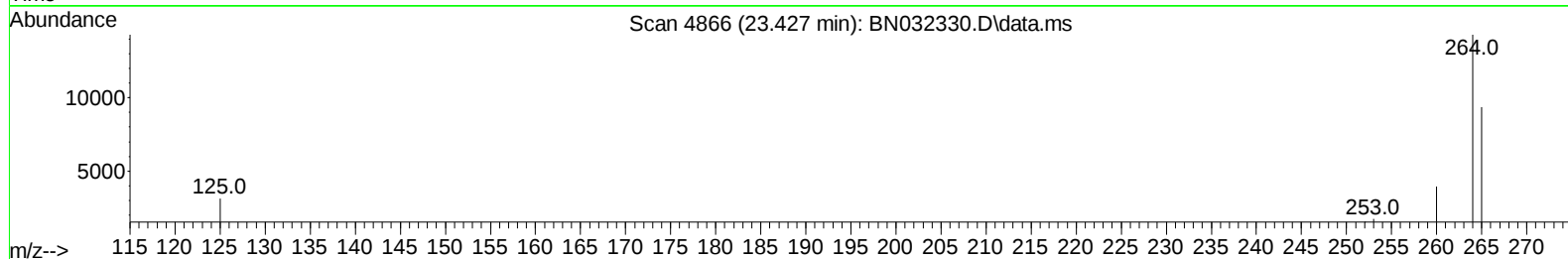
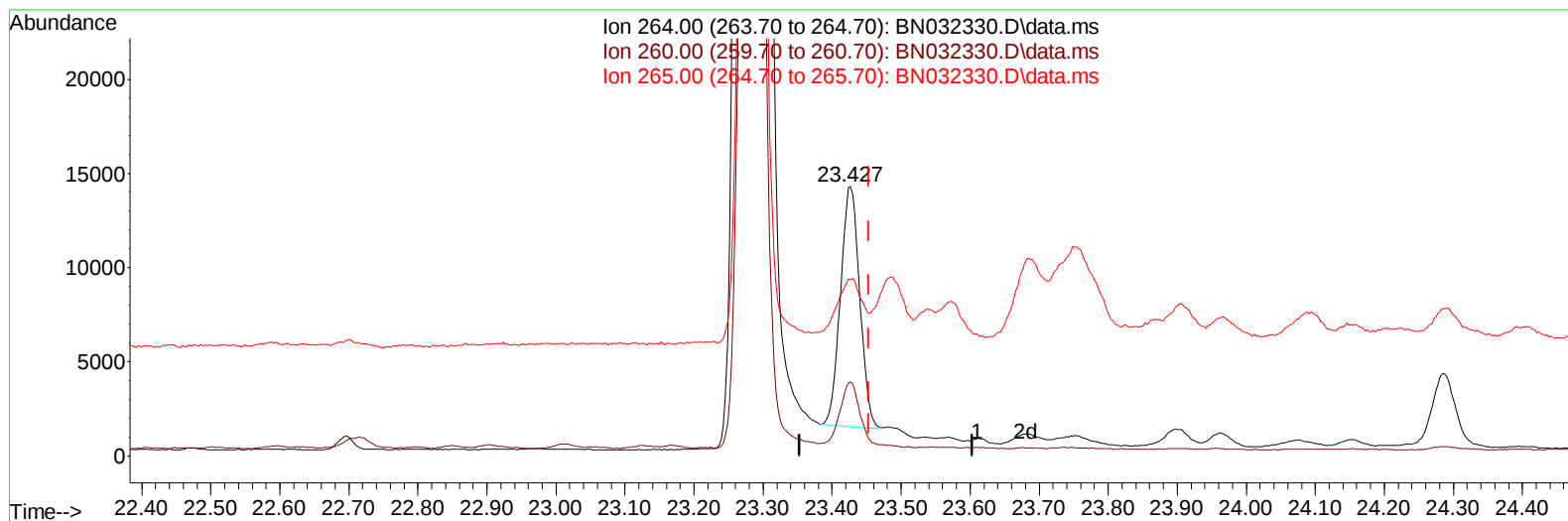
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032330.D
Acq On : 29 Jun 2024 01:27
Operator : MA/JU
Sample : P2934-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP7

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:58:55 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: BN032330.D\data.ms

(23) Perylene-d12 (I)

23.427min (-0.027) 0.40 ng/ul m

response 24584

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	27.49
265.00	67.20	65.49
0.00	0.00	0.00

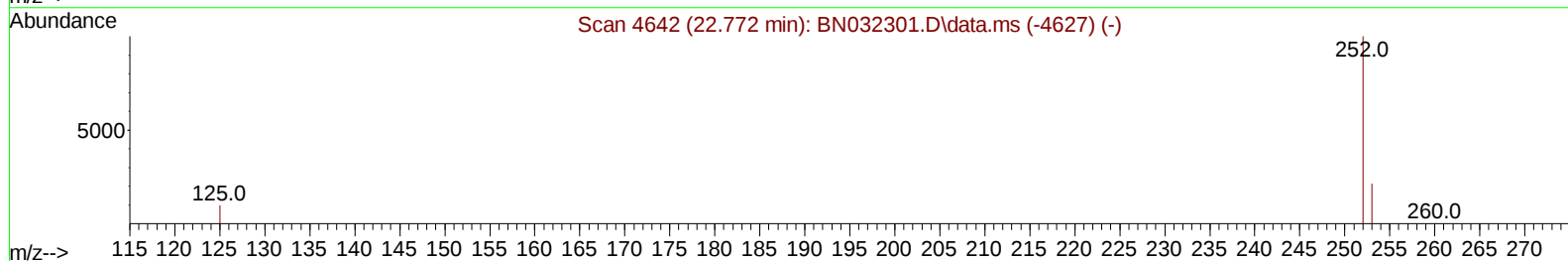
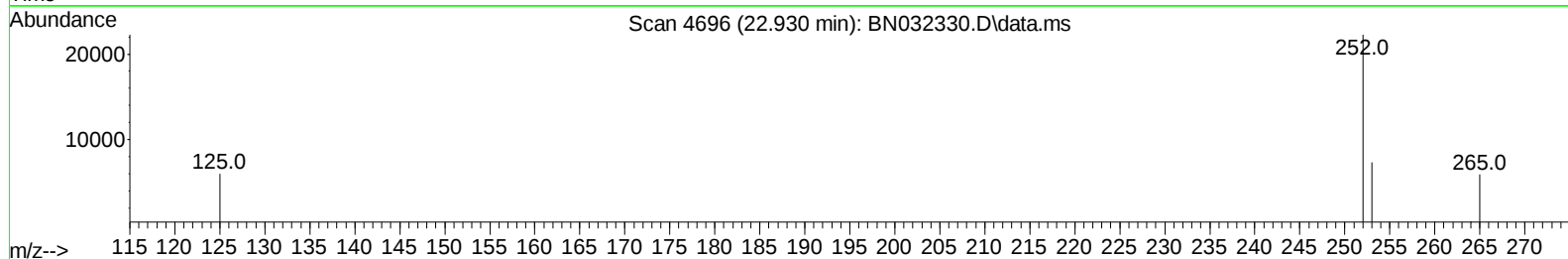
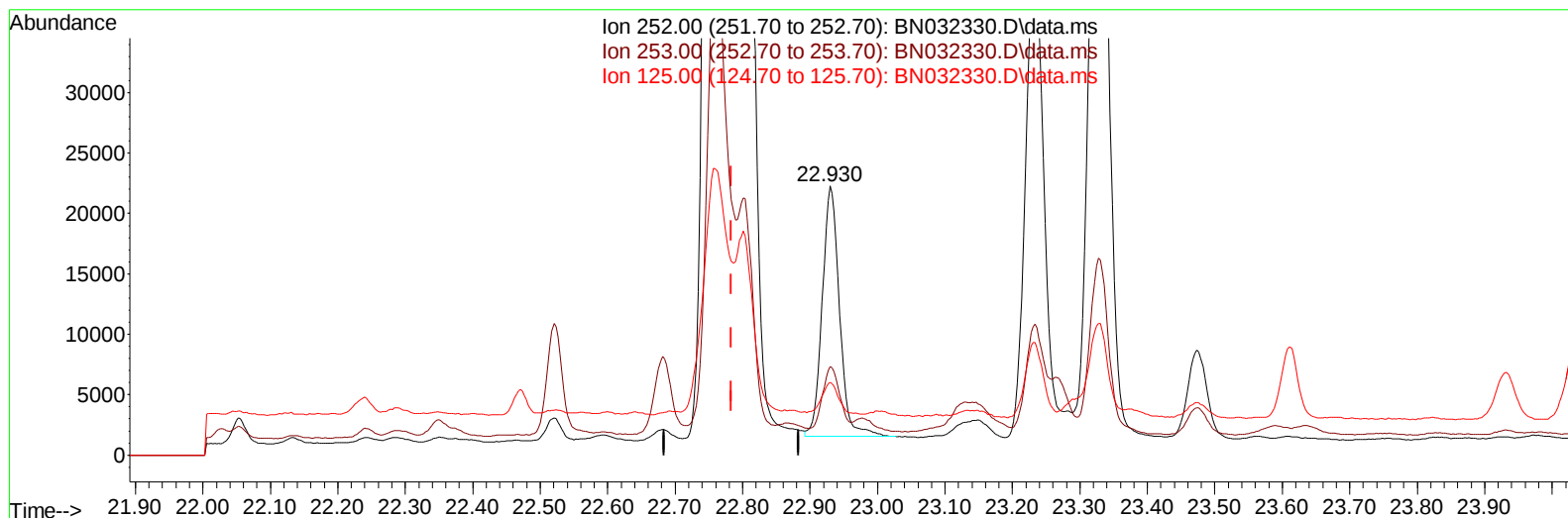
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032330.D
Acq On : 29 Jun 2024 01:27
Operator : MA/JU
Sample : P2934-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP7

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:58:55 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: BN032330.D\data.ms

(24) Benzo(b)fluoranthene

22.930min (+ 0.146) 0.35 ng/u1

response 36959

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	32.95
125.00	16.00	27.11
0.00	0.00	0.00

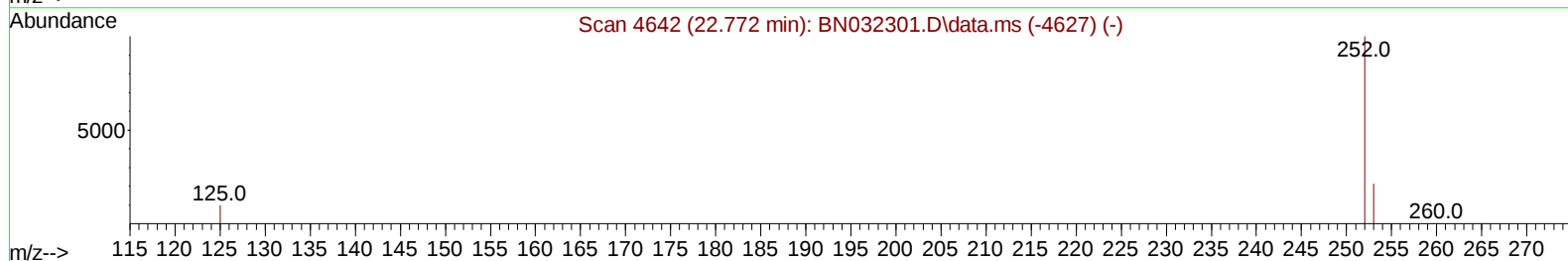
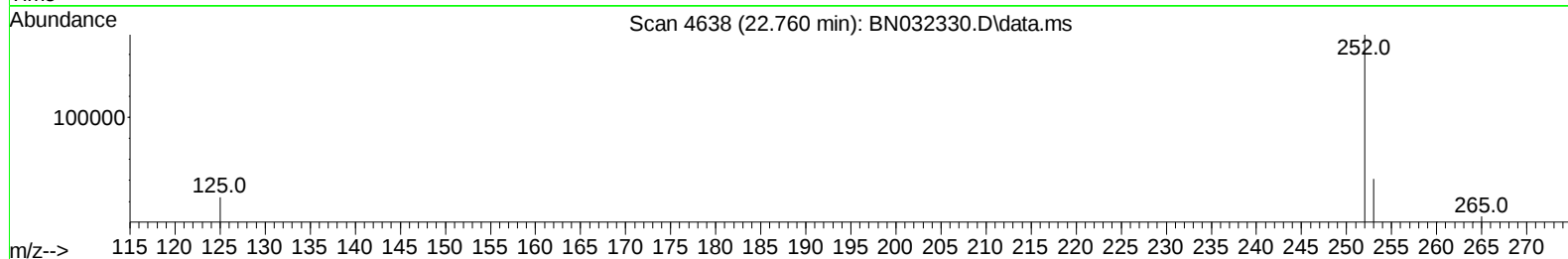
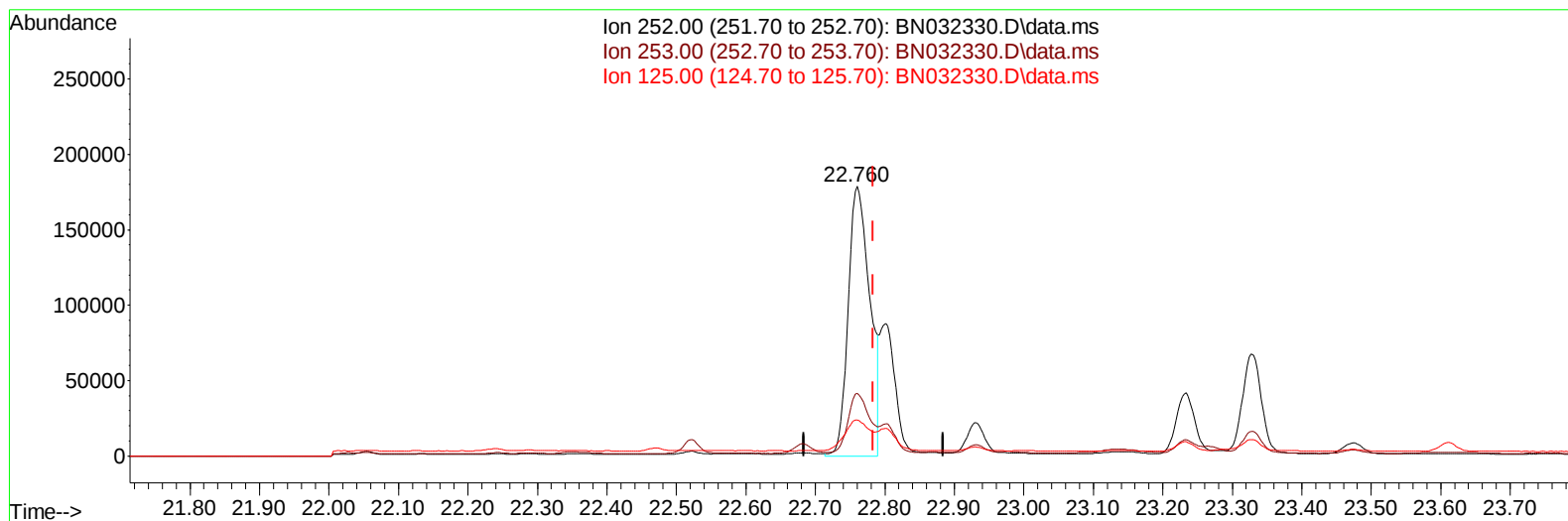
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032330.D
Acq On : 29 Jun 2024 01:27
Operator : MA/JU
Sample : P2934-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP7

Manual IntegrationsAPPROVED

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

Quant Time: Jun 29 02:58:55 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: BN032330.D\data.ms

(24) Benzo(b)fluoranthene

22.760min (-0.024) 3.61 ng/u1 m

response 385534

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.16
125.00	16.00	13.23
0.00	0.00	0.00

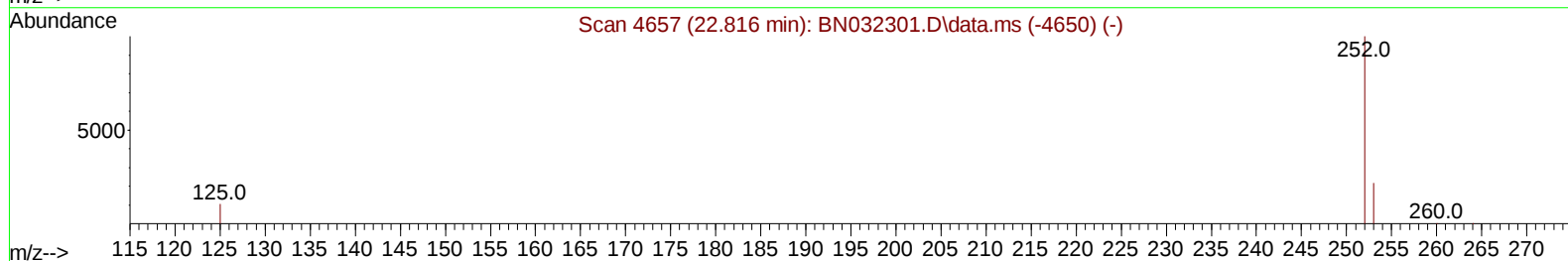
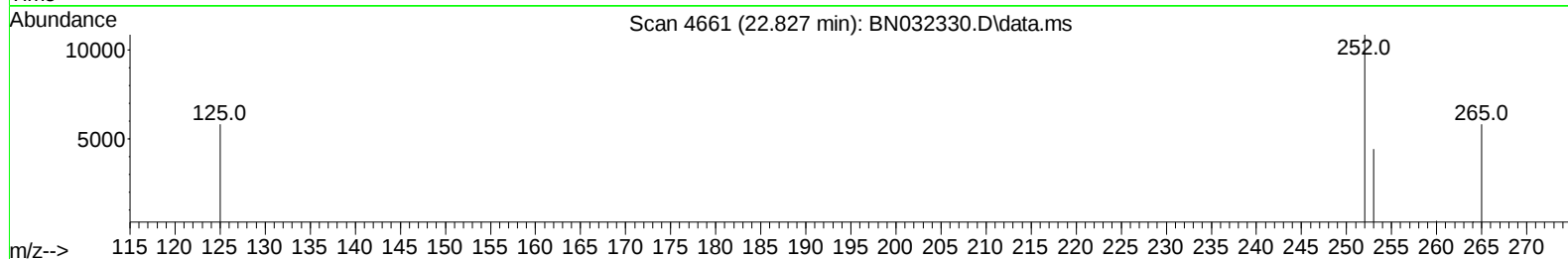
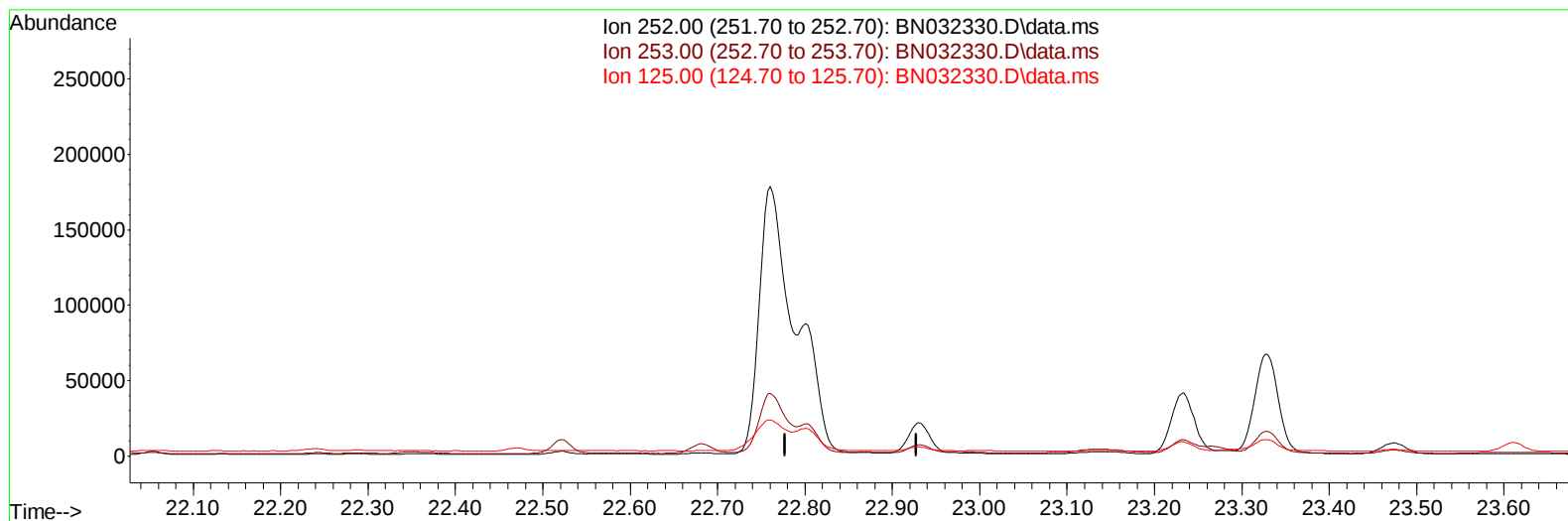
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032330.D
Acq On : 29 Jun 2024 01:27
Operator : MA/JU
Sample : P2934-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP7

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:58:55 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: BN032330.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

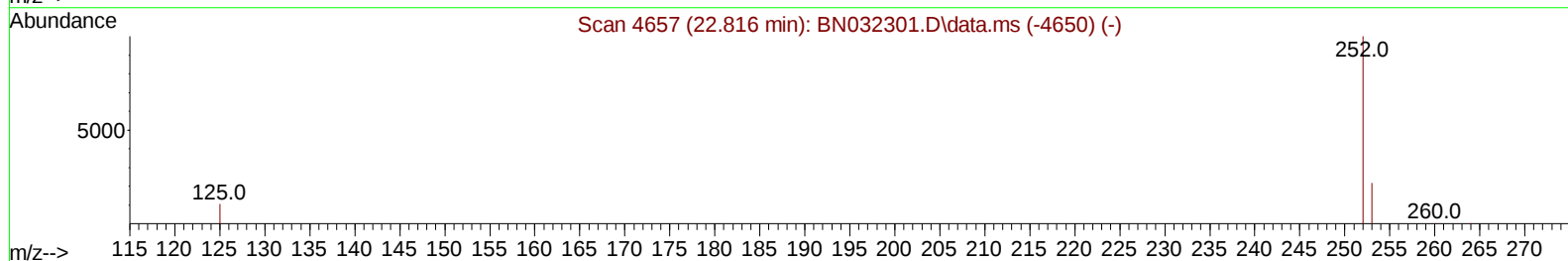
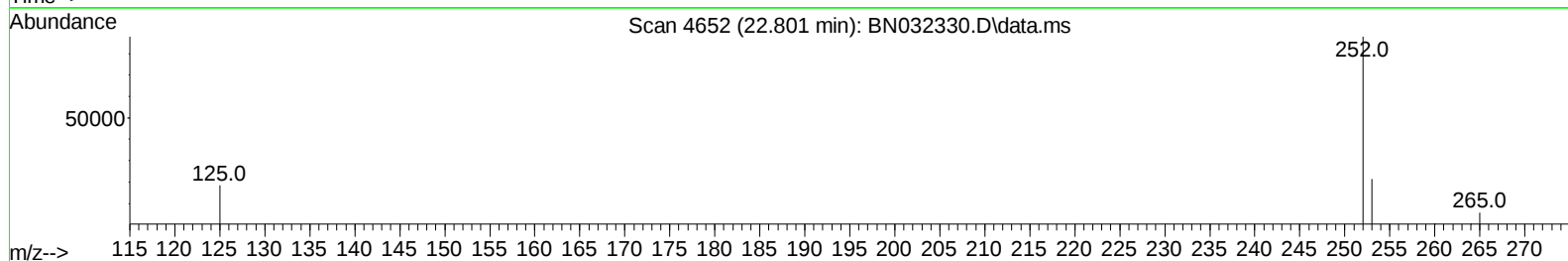
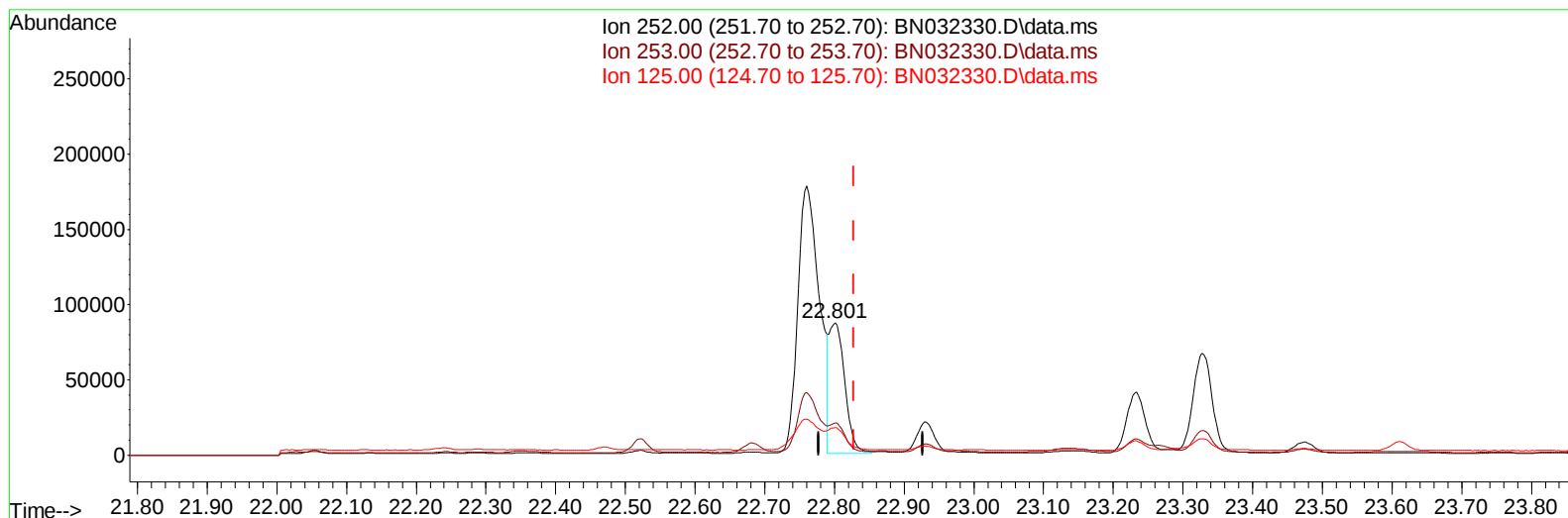
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032330.D
Acq On : 29 Jun 2024 01:27
Operator : MA/JU
Sample : P2934-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP7

Manual IntegrationsAPPROVED

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

Quant Time: Jun 29 02:58:55 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: BN032330.D\data.ms

(25) Benzo(k)fluoranthene

22.801min (-0.027) 1.31 ng/u1 m

response 136282

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	24.23
125.00	16.00	21.13#
0.00	0.00	0.00

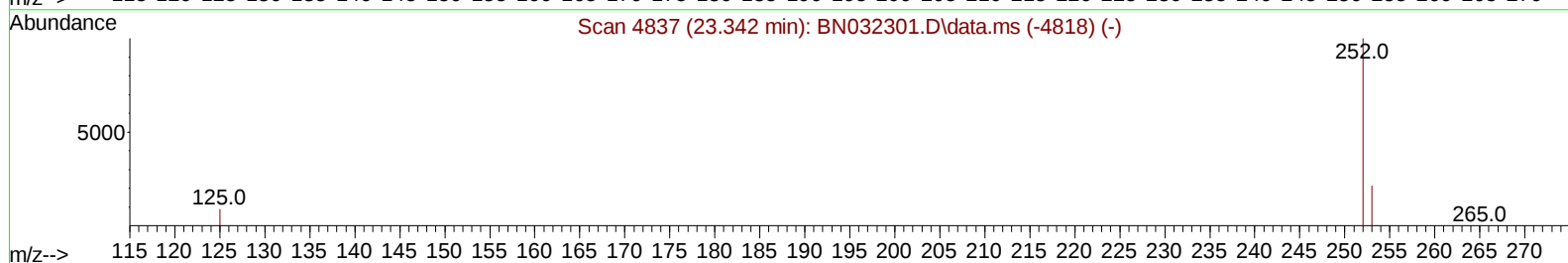
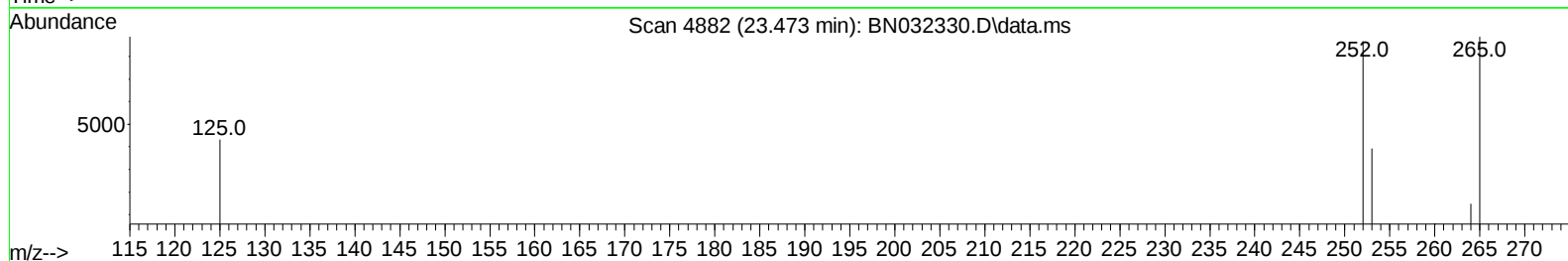
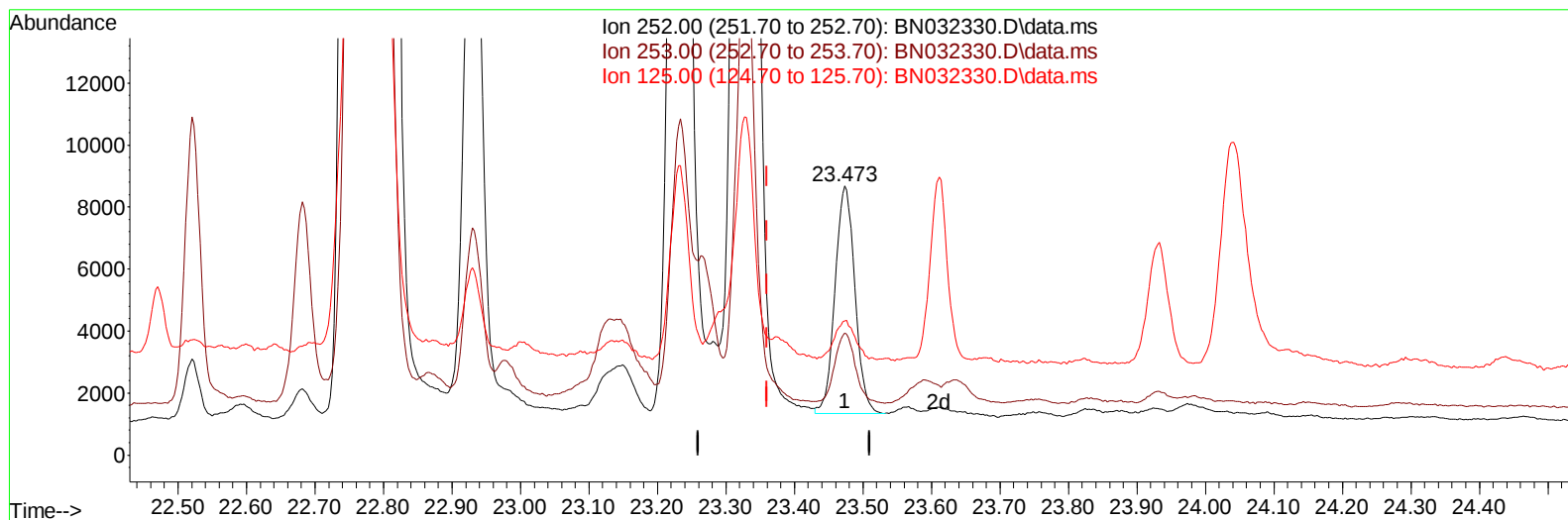
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032330.D
Acq On : 29 Jun 2024 01:27
Operator : MA/JU
Sample : P2934-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP7

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:58:55 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: BN032330.D\data.ms

(26) Benzo(a)pyrene (C)

23.473min (+ 0.114) 0.20 ng/u1

response 14761

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	45.43#
125.00	20.50	49.98#
0.00	0.00	0.00

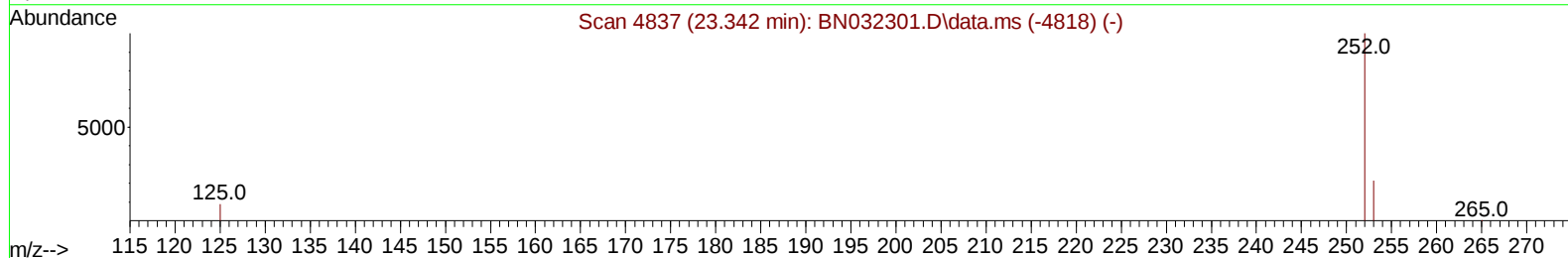
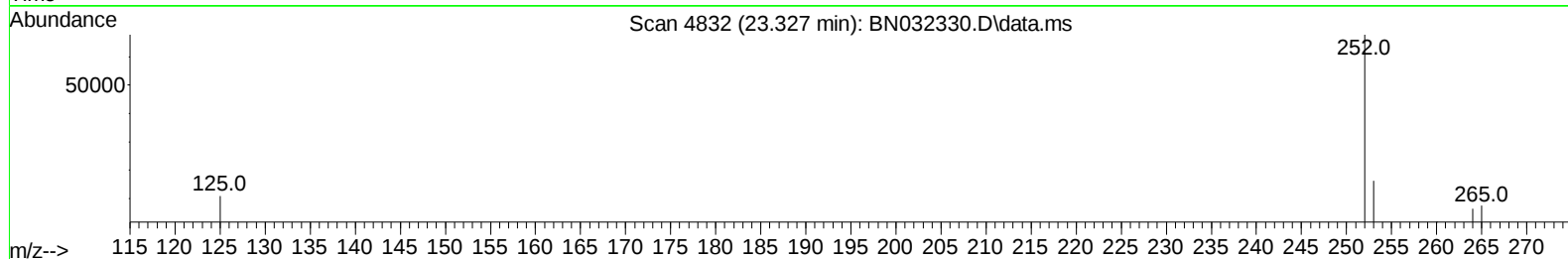
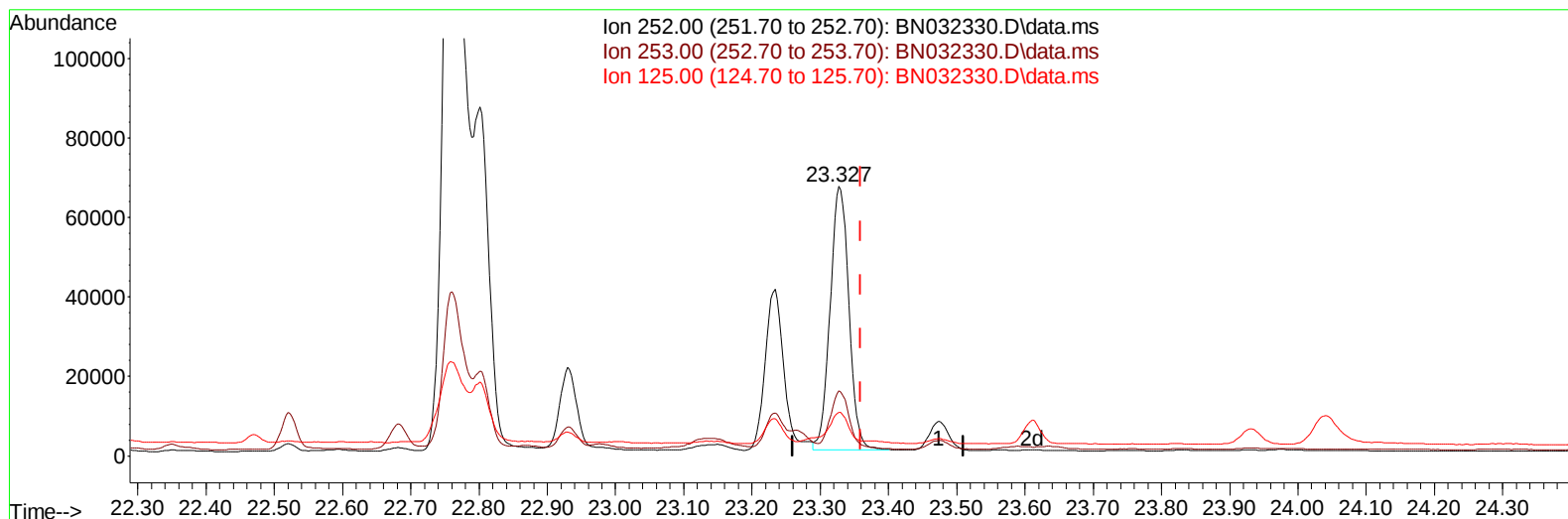
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032330.D
Acq On : 29 Jun 2024 01:27
Operator : MA/JU
Sample : P2934-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP7

Manual IntegrationsAPPROVED

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

Quant Time: Jun 29 02:58:55 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: BN032330.D\data.ms

(26) Benzo(a)pyrene (C)

23.327min (-0.032) 1.70 ng/u1 m

response 126625

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	24.09
125.00	20.50	16.10#
0.00	0.00	0.00

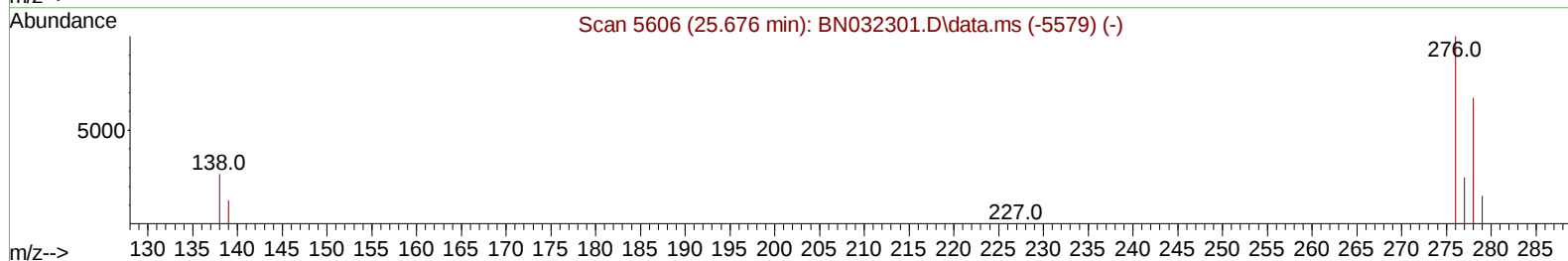
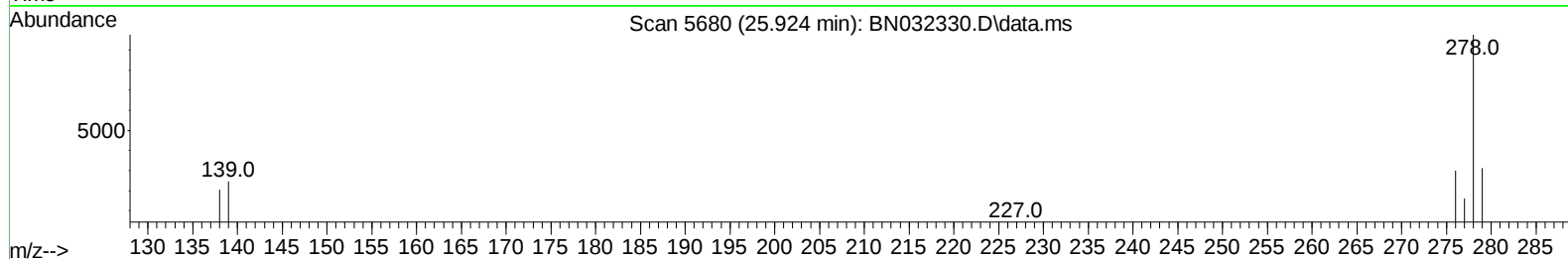
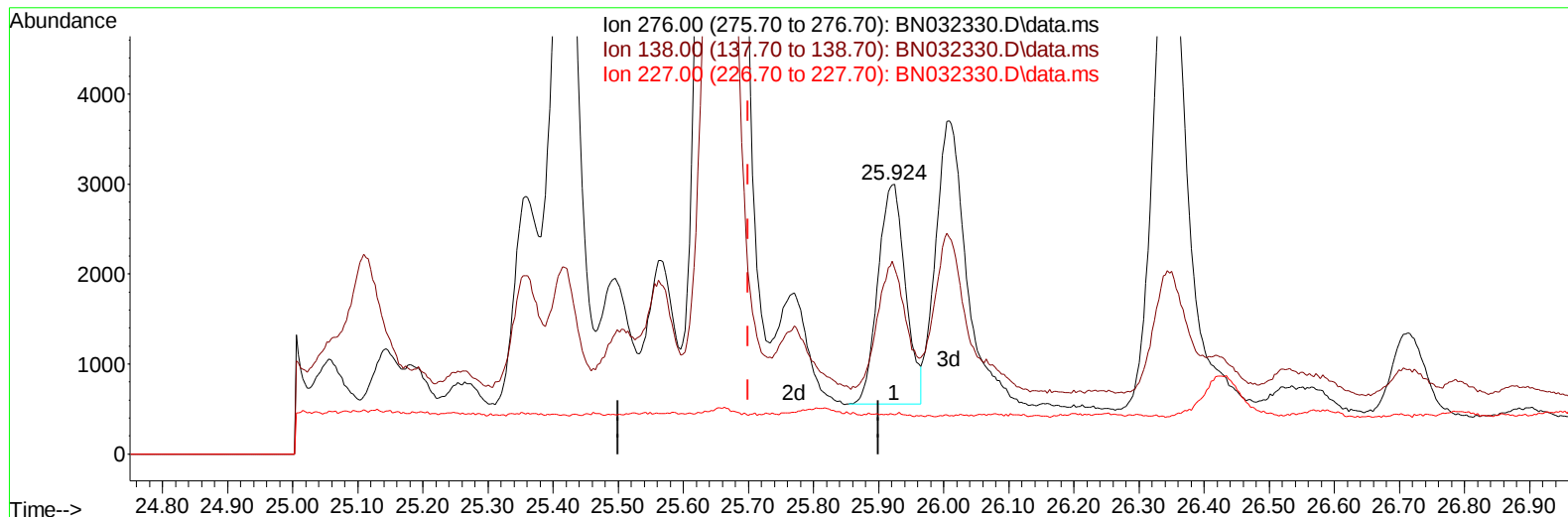
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032330.D
Acq On : 29 Jun 2024 01:27
Operator : MA/JU
Sample : P2934-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP7

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:58:55 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: BN032330.D\data.ms

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

25.924min (+ 0.224) 0.06 ng/u1

response 7179

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	60.55#
227.00	0.10	0.45#
0.00	0.00	0.00

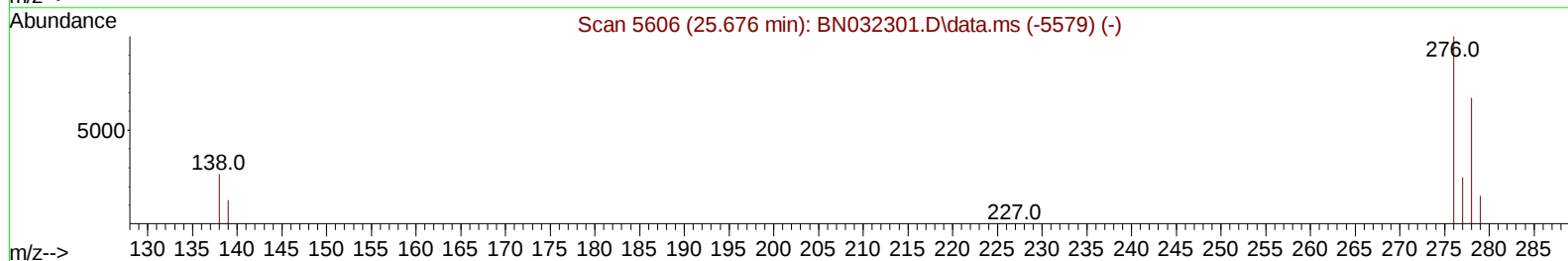
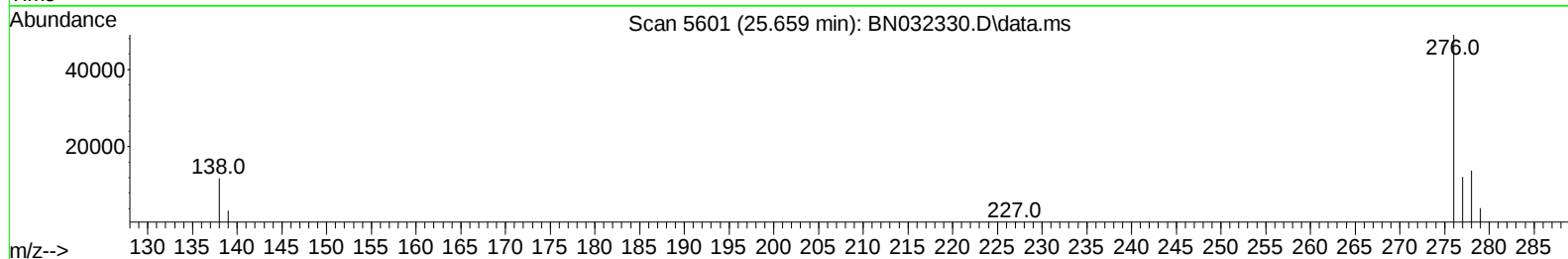
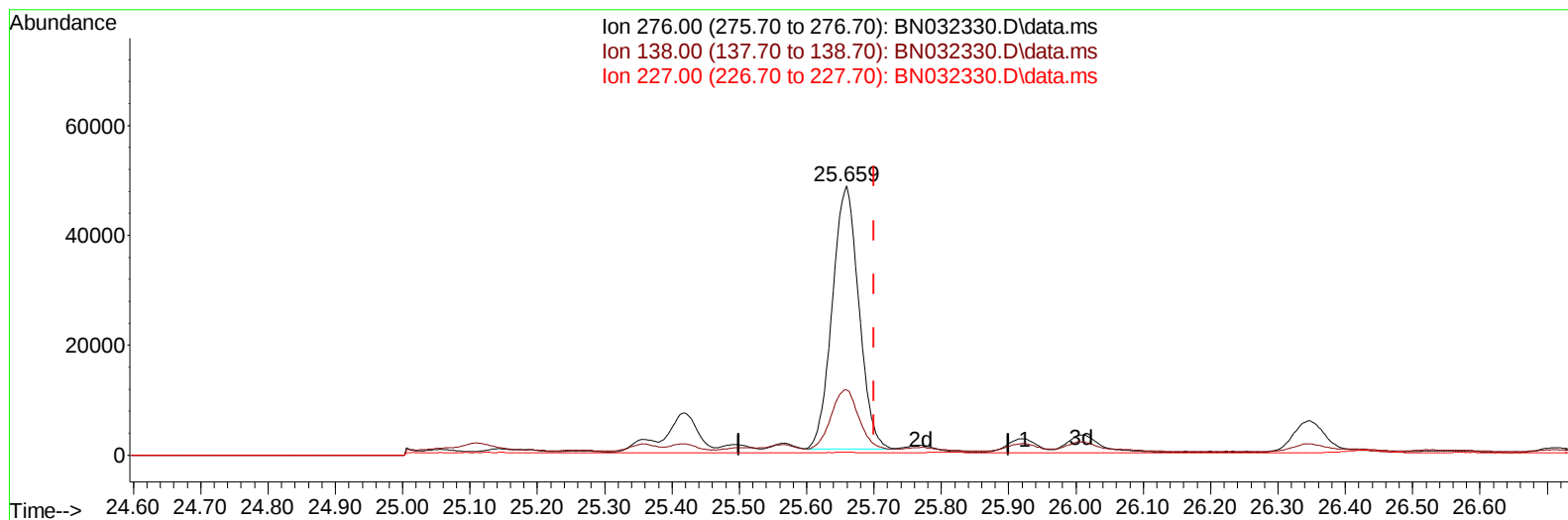
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032330.D
Acq On : 29 Jun 2024 01:27
Operator : MA/JU
Sample : P2934-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP7

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:58:55 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: BN032330.D\data.ms

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

25.659min (-0.040) 1.13 ng/u1 m

response 130972

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	3.32#
227.00	0.10	0.02#
0.00	0.00	0.00

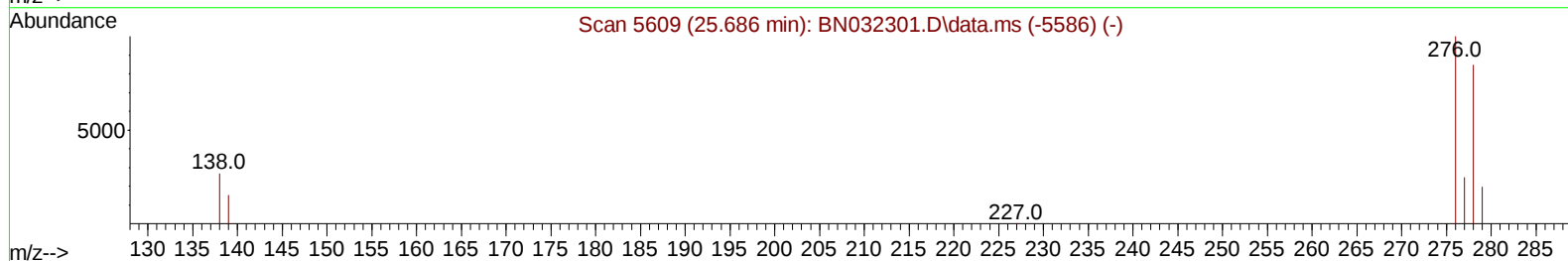
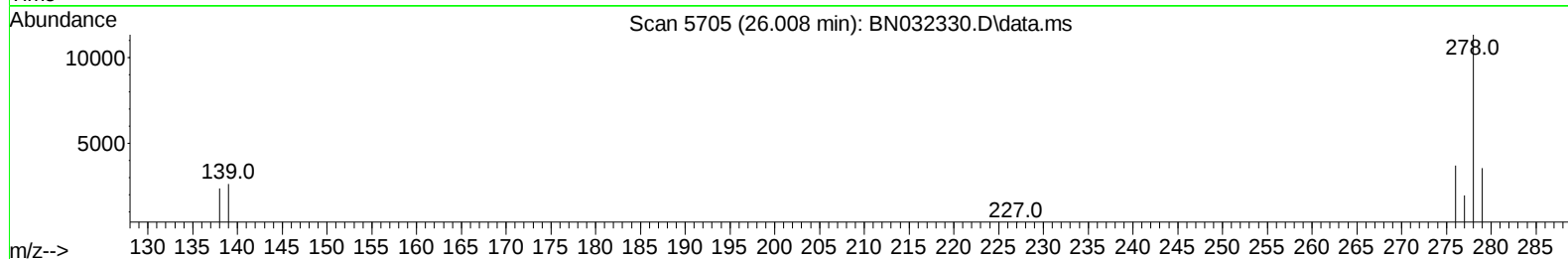
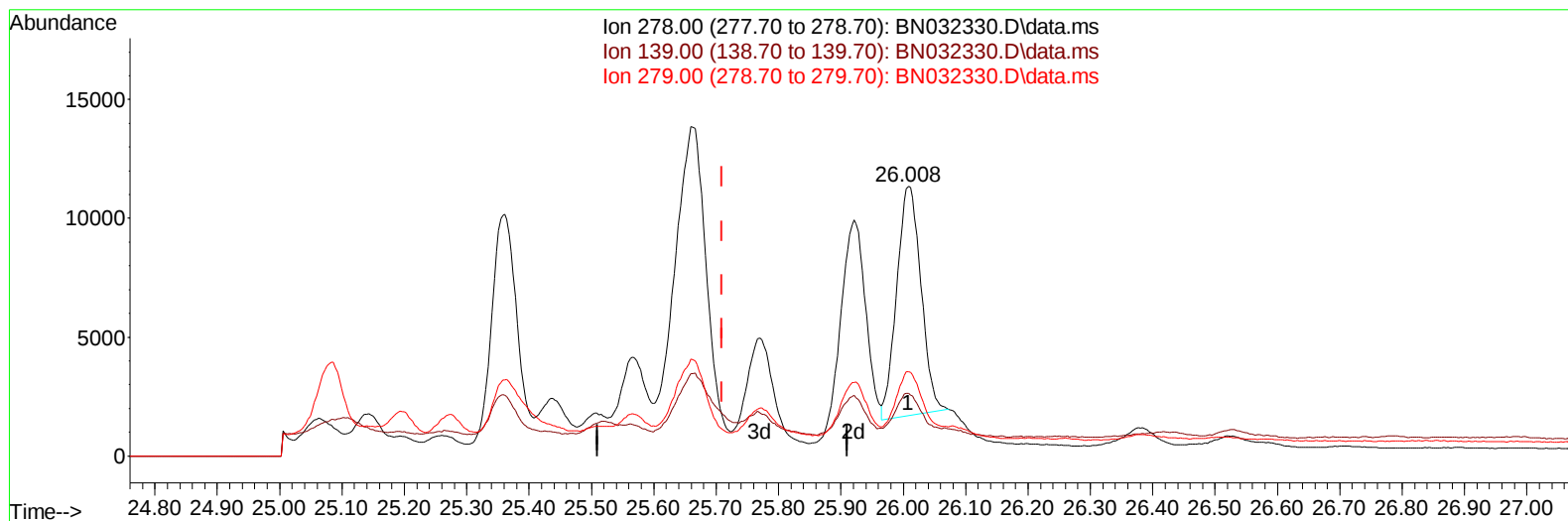
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032330.D
 Acq On : 29 Jun 2024 01:27
 Operator : MA/JU
 Sample : P2934-11
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CP7

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:58:55 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: BN032330.D\data.ms

(28) Dibenzo(a,h)anthracene

26.008min (+ 0.298) 0.30 ng/u1

response 26041

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	23.36
279.00	26.40	31.36
0.00	0.00	0.00

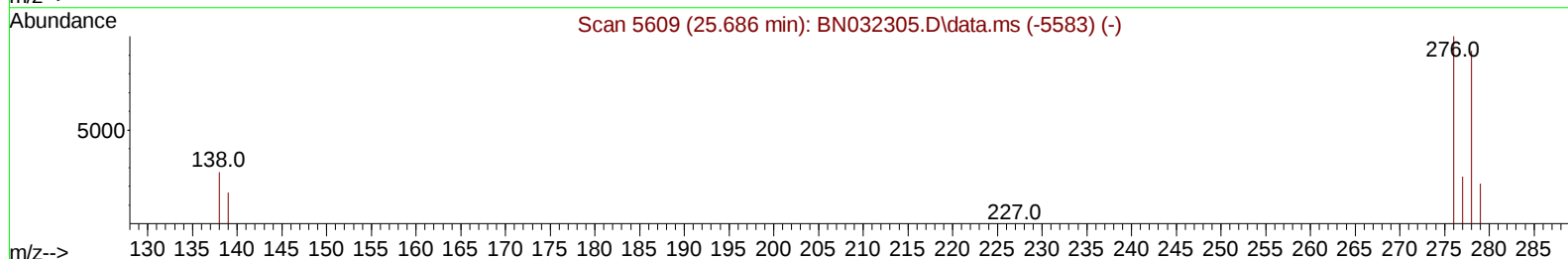
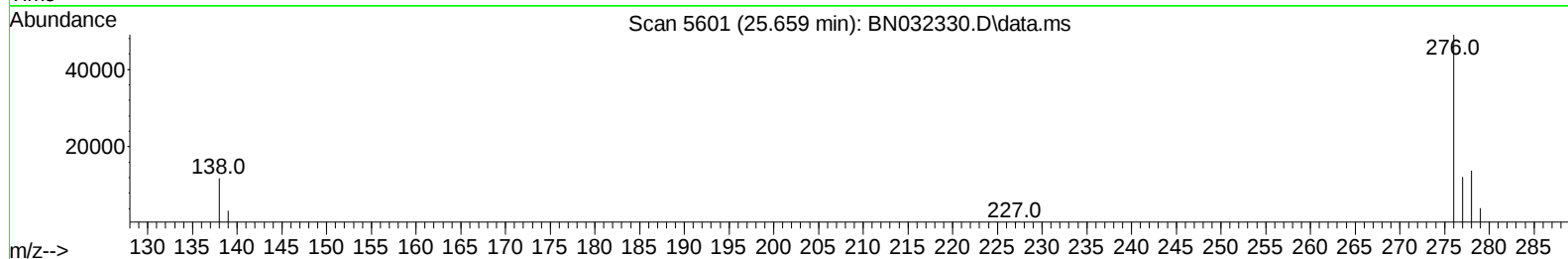
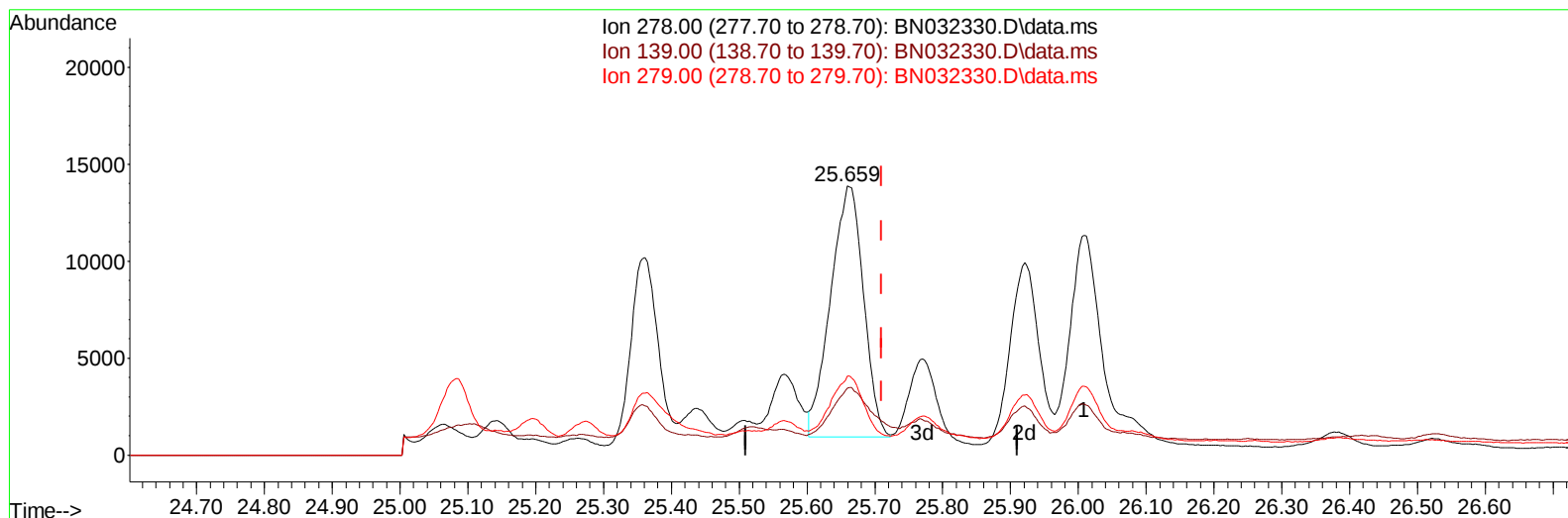
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032330.D
 Acq On : 29 Jun 2024 01:27
 Operator : MA/JU
 Sample : P2934-11
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CP7

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:58:55 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: BN032330.D\data.ms

(28) Dibenzo(a,h)anthracene

25.659min (-0.051) 0.50 ng/ul m

response 43597

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	24.95#
279.00	26.40	29.34
0.00	0.00	0.00

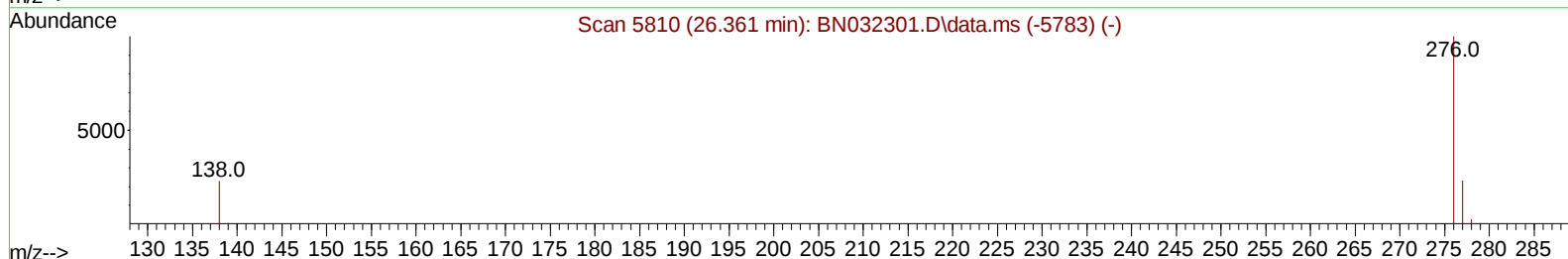
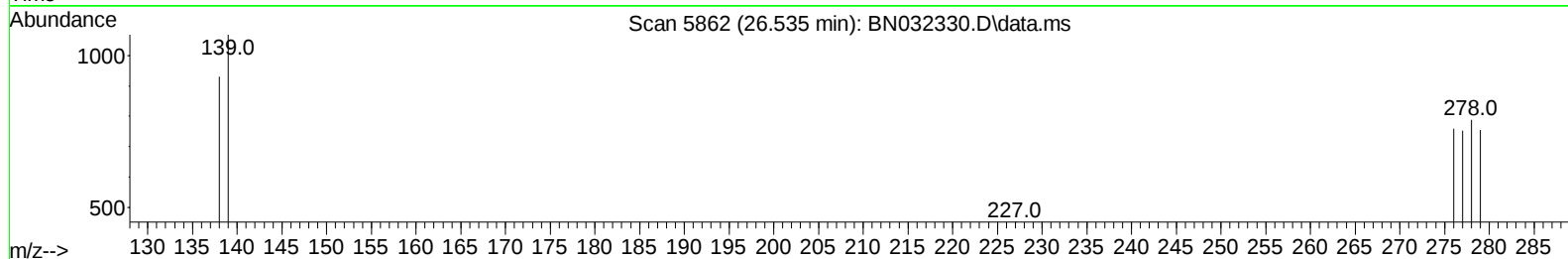
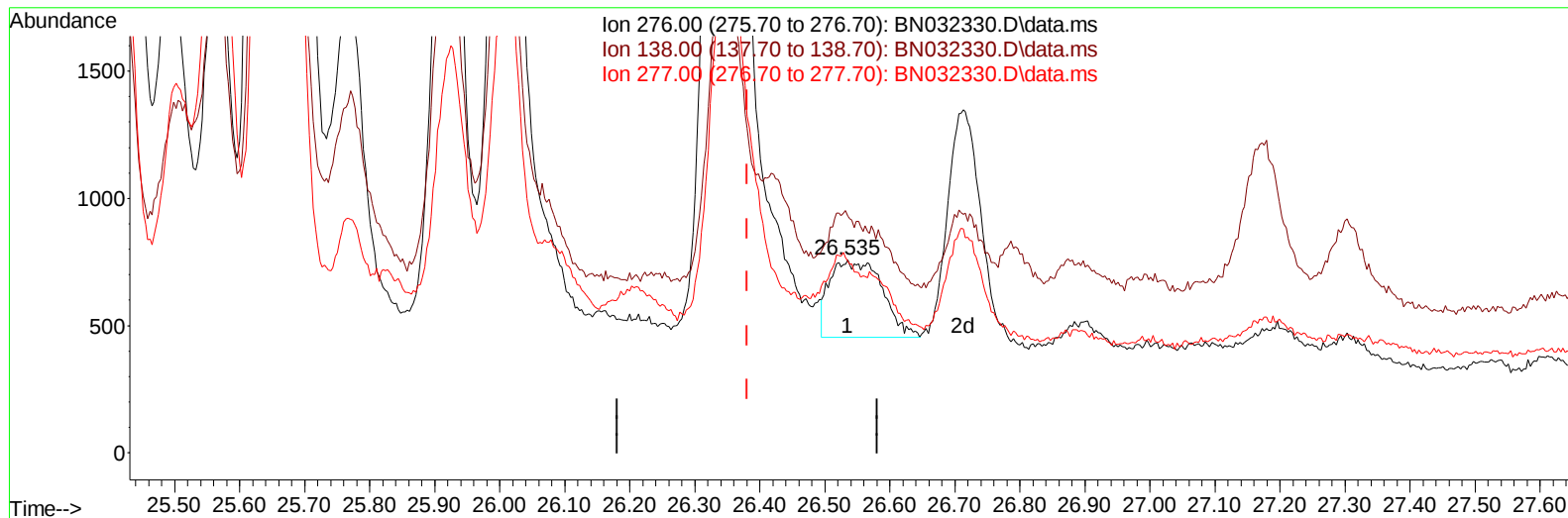
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032330.D
Acq On : 29 Jun 2024 01:27
Operator : MA/JU
Sample : P2934-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP7

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:58:55 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: BN032330.D\data.ms

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

26.535min (+ 0.154) 0.02 ng/u1

response 1683

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	122.53#
277.00	24.70	99.08#
0.00	0.00	0.00

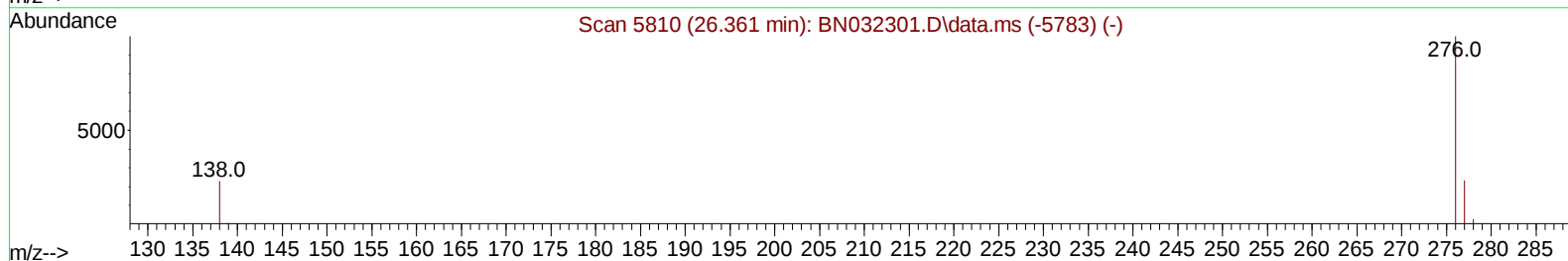
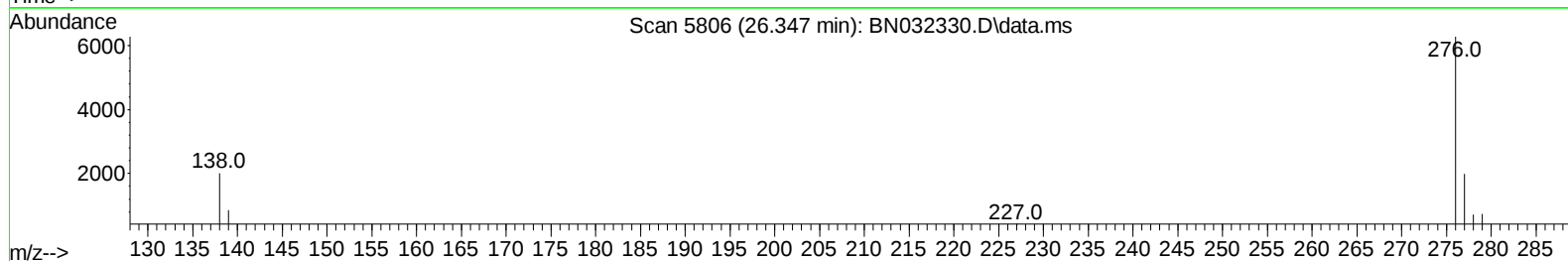
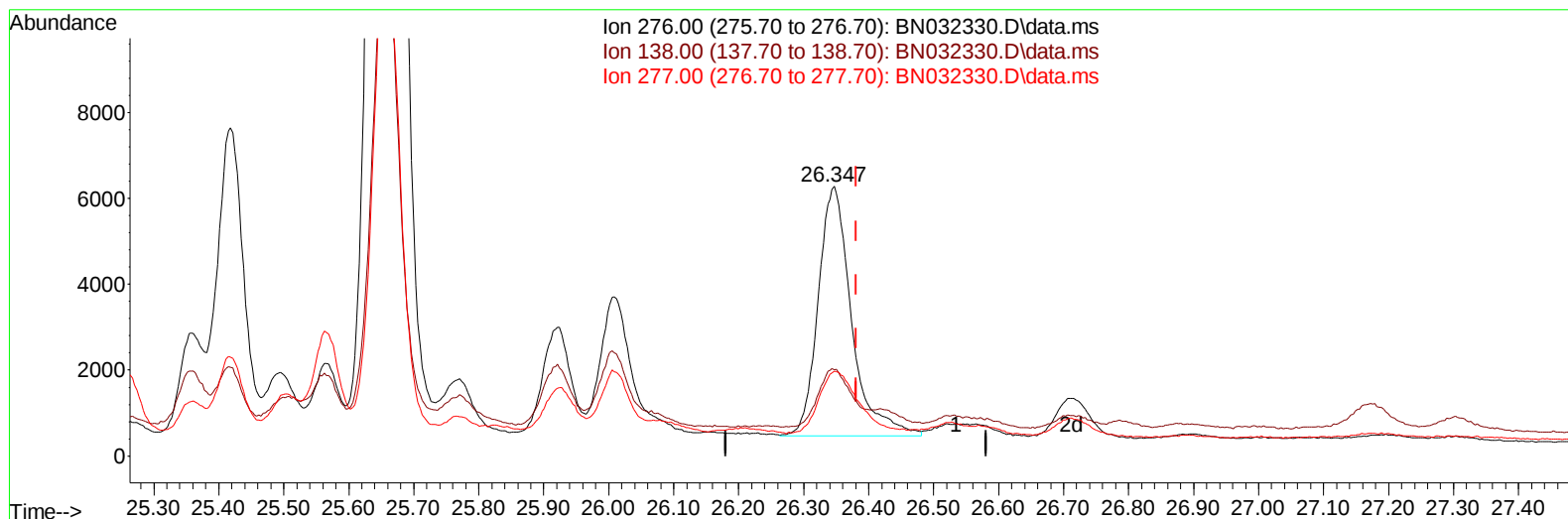
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032330.D
Acq On : 29 Jun 2024 01:27
Operator : MA/JU
Sample : P2934-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP7

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:58:55 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: BN032330.D\data.ms

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

26.347min (-0.034) 0.22 ng/u1 m

response 20652

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	31.99#
277.00	24.70	31.61#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032330.D
 Acq On : 29 Jun 2024 01:27
 Operator : MA/JU
 Sample : P2934-11
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CP7

Manual IntegrationsAPPROVED

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

Quant Time: Jun 29 02:58:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.612	152	7047	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	21061	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.258	164	12311	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.012	188	25769m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.211	240	22803m	0.400	ng/ul	-0.01
23) Perylene-d12	23.427	264	24584m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	27250	3.479	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.988	152	6828	0.216	ng/ul	-0.01
18) Fluoranthene-d10	19.045	212	15768m	0.230	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.437	128	4532	0.081	ng/ul#	94
7) 2-Methylnaphthalene	12.065	142	1708	0.046	ng/ul	99
8) 1-Methylnaphthalene	12.284	142	1420	0.037	ng/ul	98
10) Acenaphthylene	13.980	152	8346	0.163	ng/ul	96
11) Acenaphthene	14.322	153	7087	0.178	ng/ul	99
12) Fluorene	15.312	166	8720	0.184	ng/ul	98
15) Phenanthrene	17.054	178	210507m	2.980	ng/ul	
16) Anthracene	17.142	178	36945m	0.586	ng/ul	
19) Fluoranthene	19.078	202	529293m	6.096	ng/ul	
20) Pyrene	19.440	202	354844m	3.910	ng/ul	
21) Benzo(a)anthracene	21.194	228	219807m	2.671	ng/ul	
22) Chrysene	21.246	228	274556m	3.039	ng/ul	
24) Benzo(b)fluoranthene	22.760	252	385534m	3.610	ng/ul	
25) Benzo(k)fluoranthene	22.801	252	136282m	1.313	ng/ul	
26) Benzo(a)pyrene	23.327	252	126625m	1.704	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.659	276	130972m	1.126	ng/ul	
28) Dibenzo(a,h)anthracene	25.659	278	43597m	0.504	ng/ul	
29) Benzo(g,h,i)perylene	26.347	276	20652m	0.223	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032330.D
Acq On : 29 Jun 2024 01:27
Operator : MA/JU
Sample : P2934-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CP7

Manual IntegrationsAPPROVED

Quant Time: Jun 29 02:58:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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