

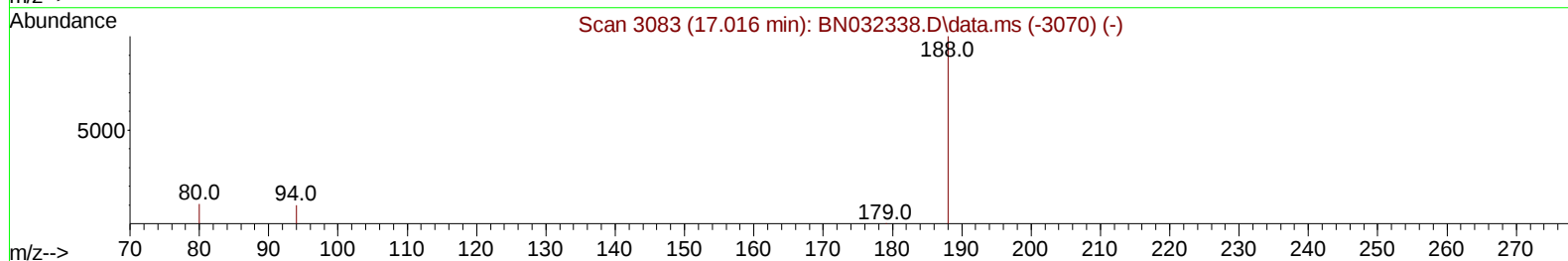
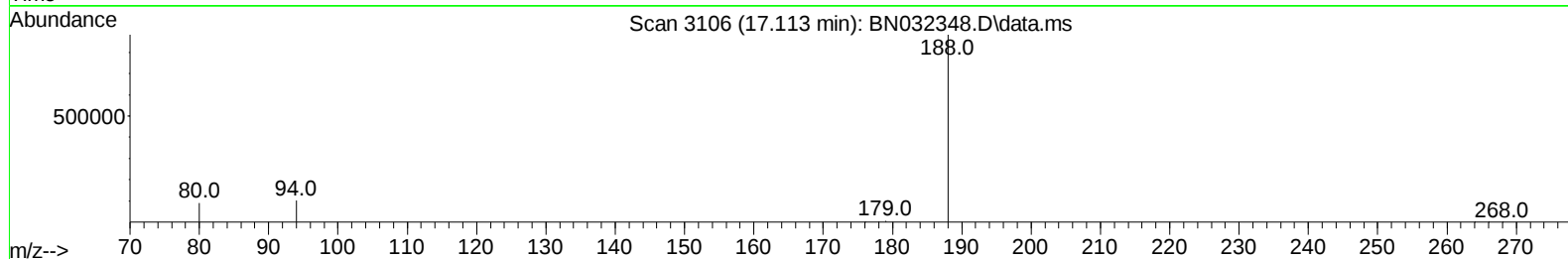
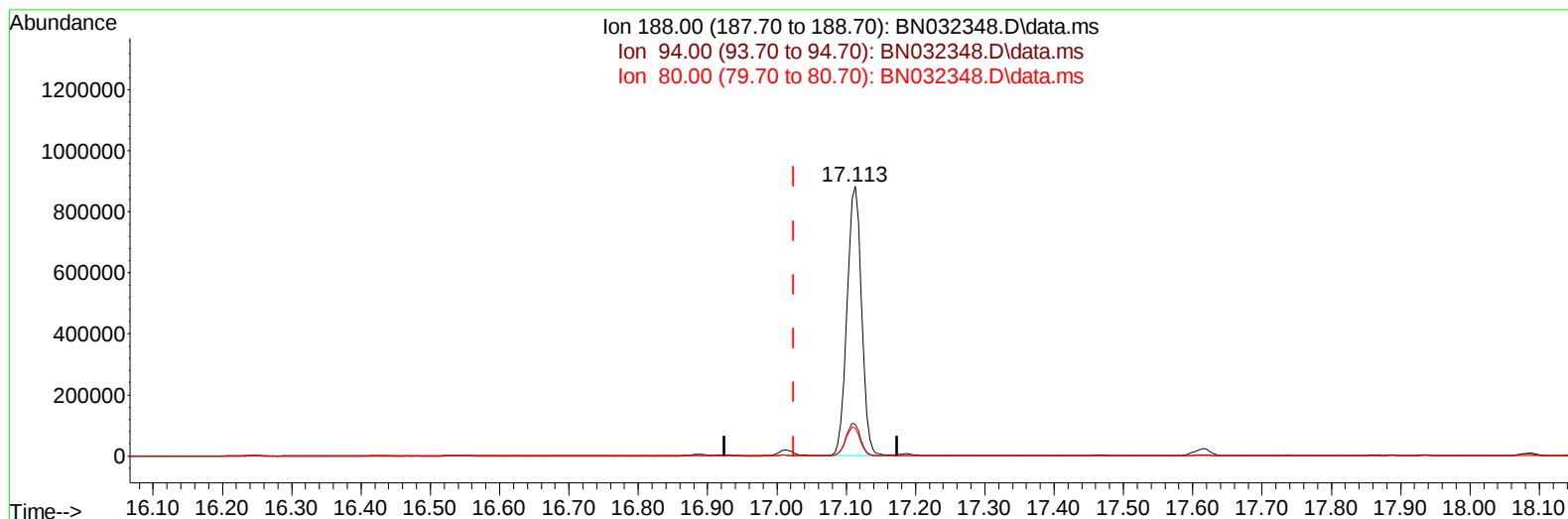
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032348.D
Acq On : 29 Jun 2024 12:53
Operator : MA/JU
Sample : P2934-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B58

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:55 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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032348.D\data.ms

(13) Phenanthrene-d10 (I)

17.113min (+ 0.089) 0.40 ng/u1

response 1285905

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.62
80.00	10.50	10.19
0.00	0.00	0.00

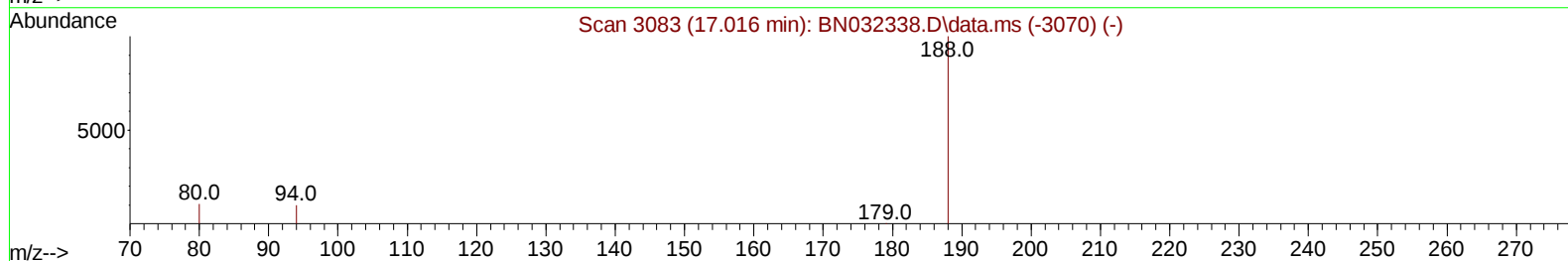
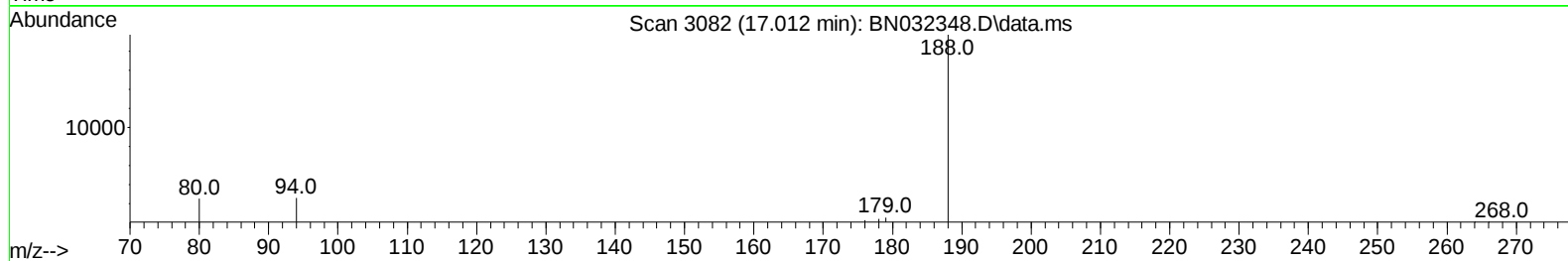
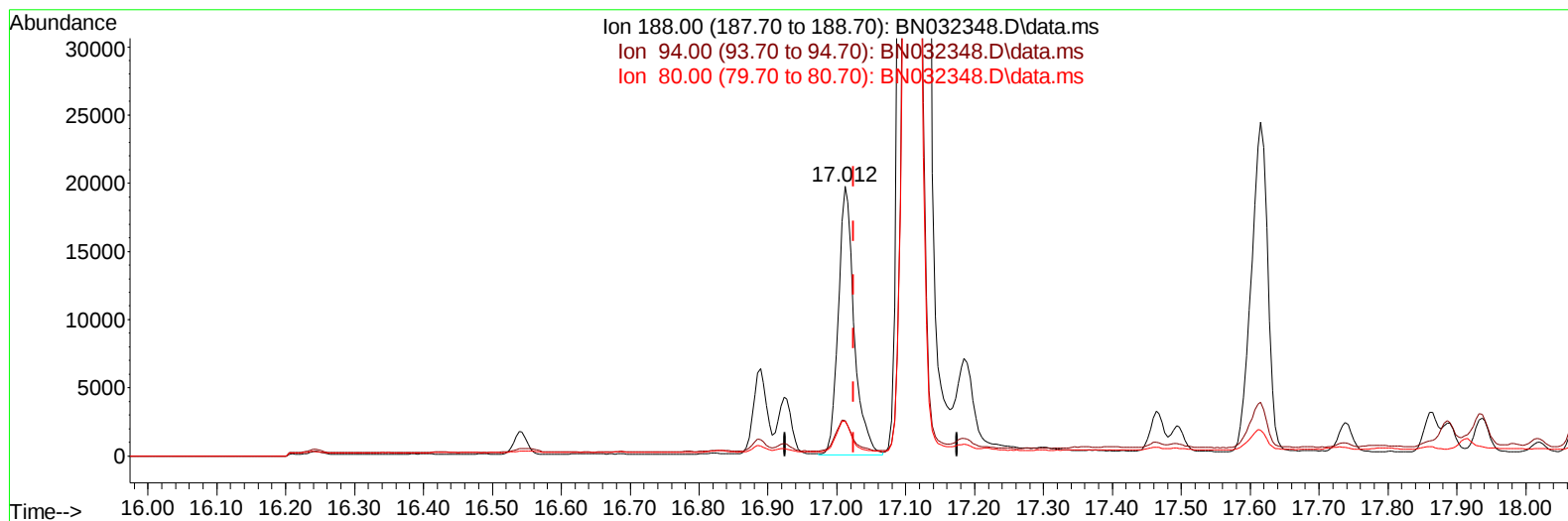
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032348.D
Acq On : 29 Jun 2024 12:53
Operator : MA/JU
Sample : P2934-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B58

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:55 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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032348.D\data.ms

(13) Phenanthrene-d10 (I)

17.012min (-0.013) 0.40 ng/u1 m

response 31502

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	13.16#
80.00	10.50	12.85#
0.00	0.00	0.00

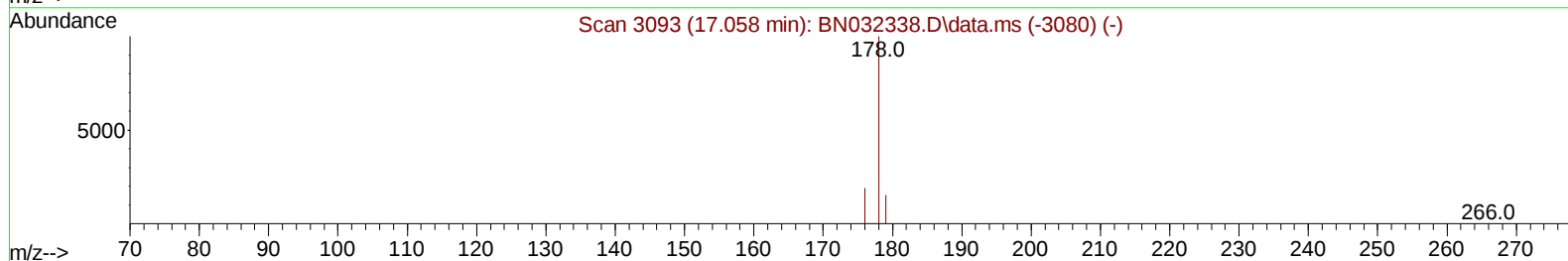
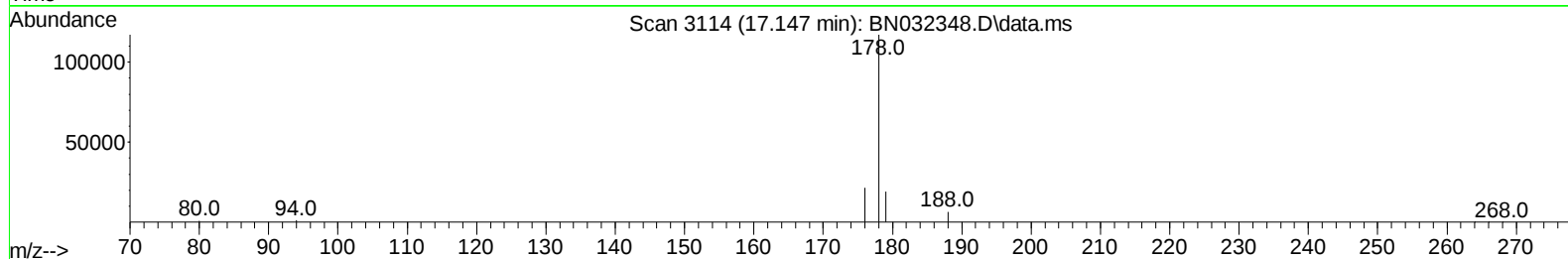
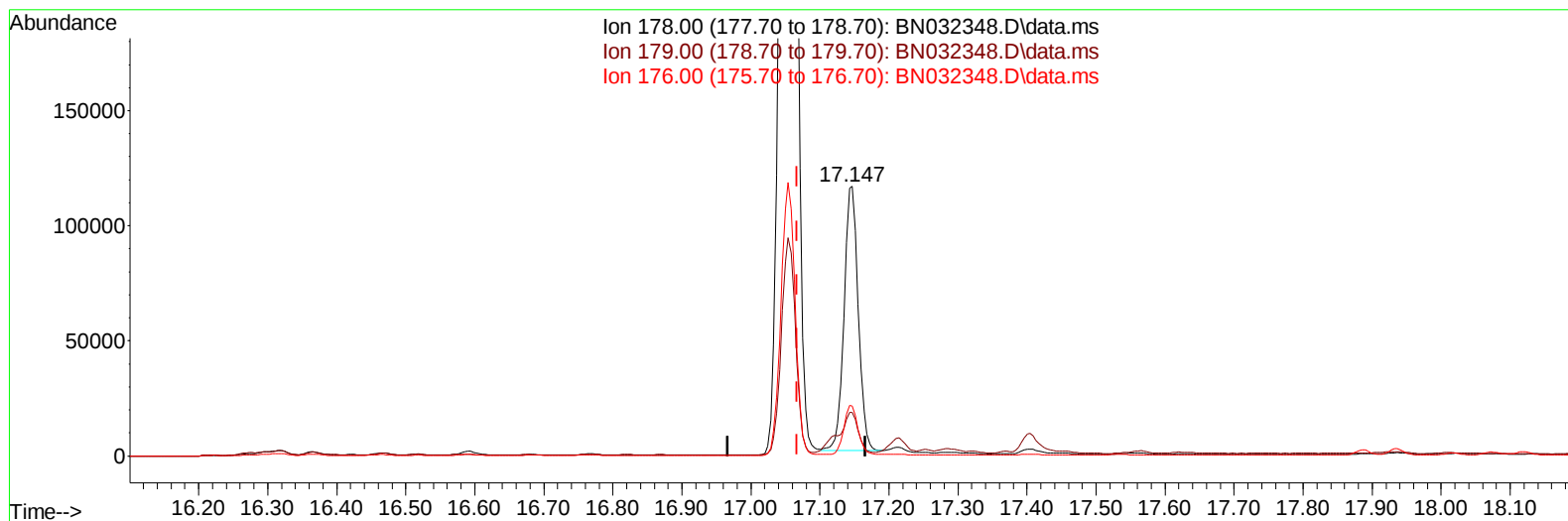
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032348.D
Acq On : 29 Jun 2024 12:53
Operator : MA/JU
Sample : P2934-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B58

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:55 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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032348.D\data.ms

(15) Phenanthrene

17.147min (+ 0.080) 1.90 ng/u1

response 164137

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	16.22
176.00	19.50	18.42
0.00	0.00	0.00

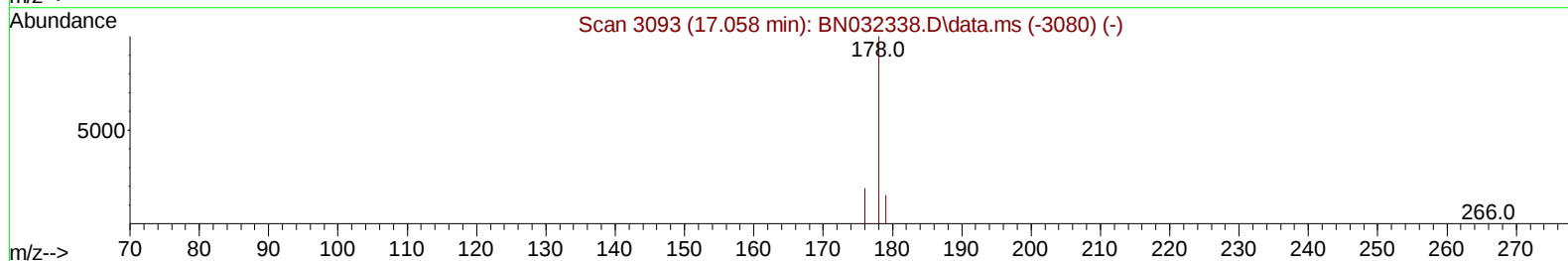
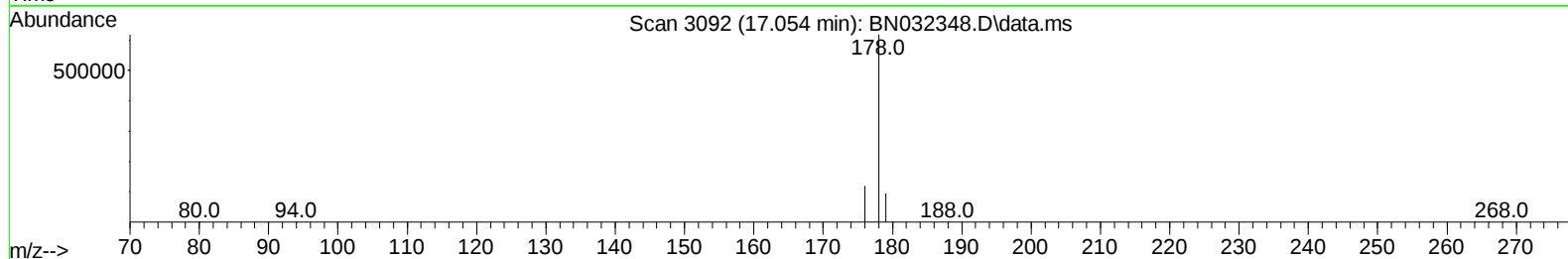
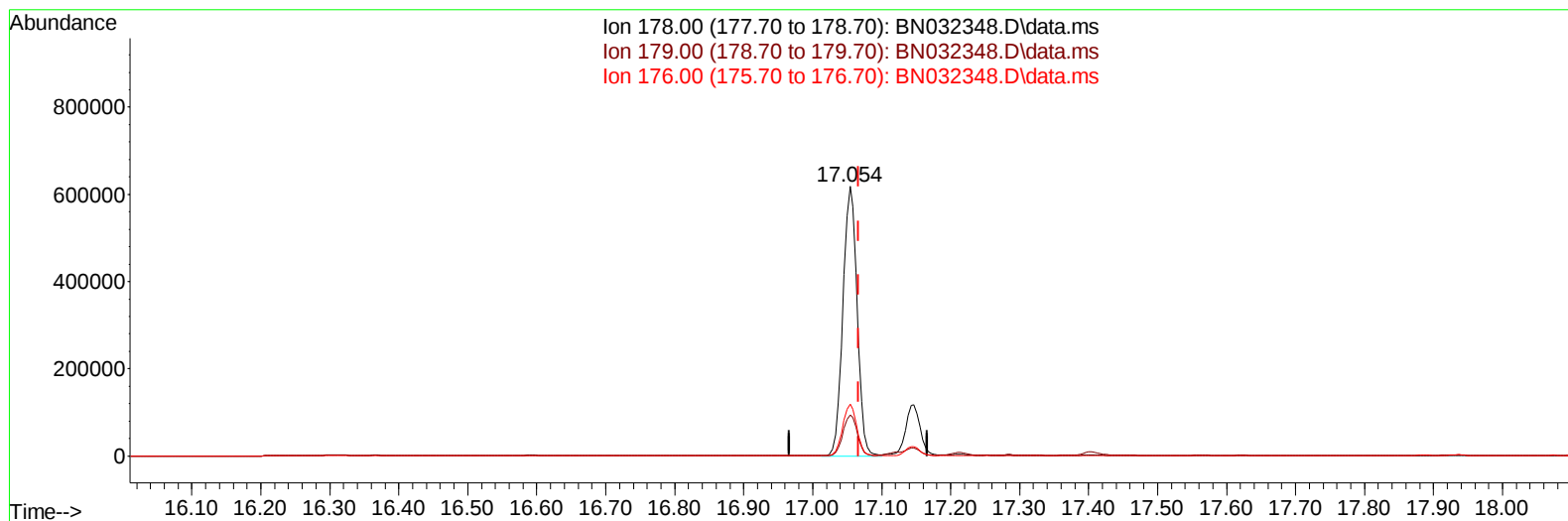
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032348.D
Acq On : 29 Jun 2024 12:53
Operator : MA/JU
Sample : P2934-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B58

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jun 30 23:04:55 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: BN032348.D\data.ms

(15) Phenanthrene

17.054min (-0.013) 10.22 ng/ul m

response 883008

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.33
176.00	19.50	19.25
0.00	0.00	0.00

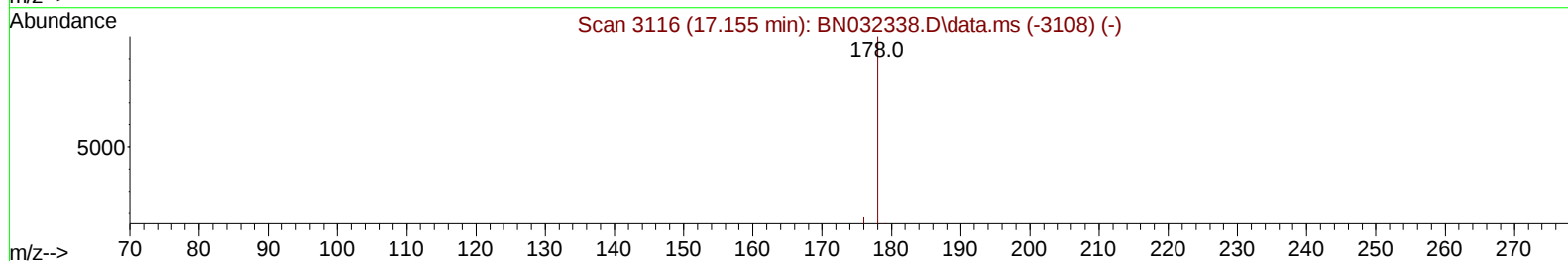
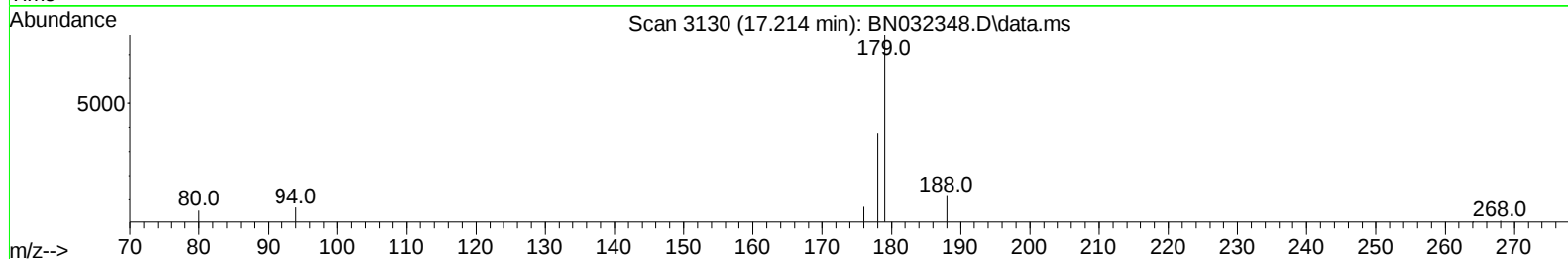
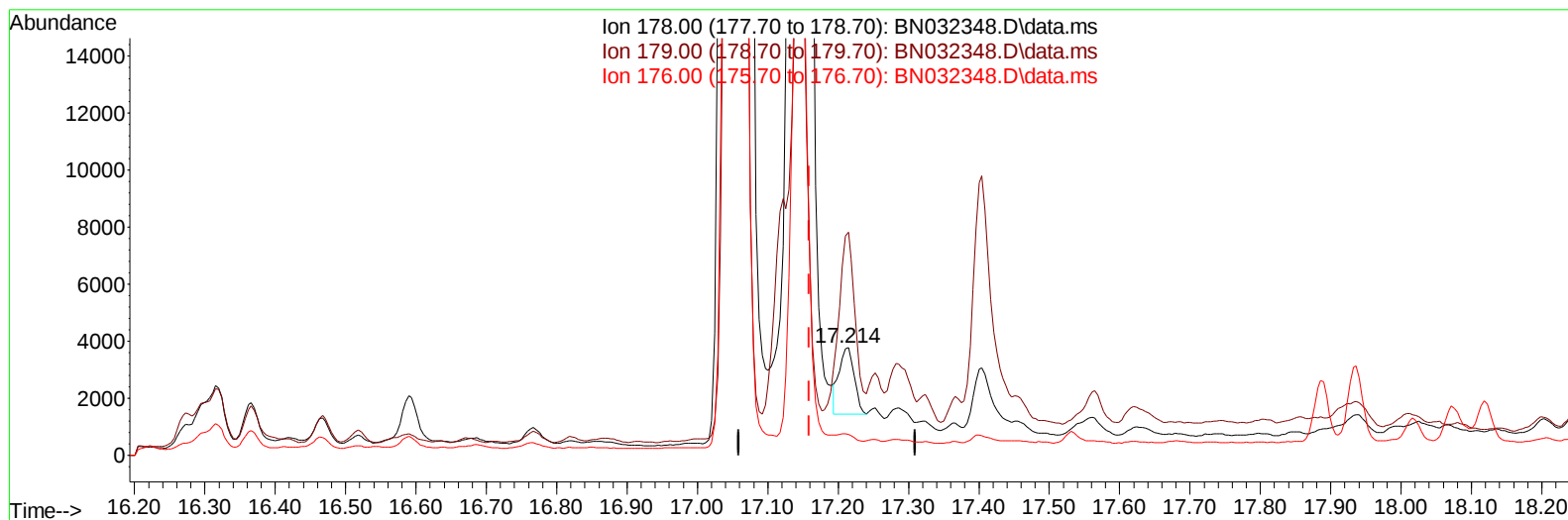
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032348.D
Acq On : 29 Jun 2024 12:53
Operator : MA/JU
Sample : P2934-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B58

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:55 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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032348.D\data.ms

(16) Anthracene

17.214min (+ 0.055) 0.04 ng/u1

response 3450

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	207.81#
176.00	18.80	19.21
0.00	0.00	0.00

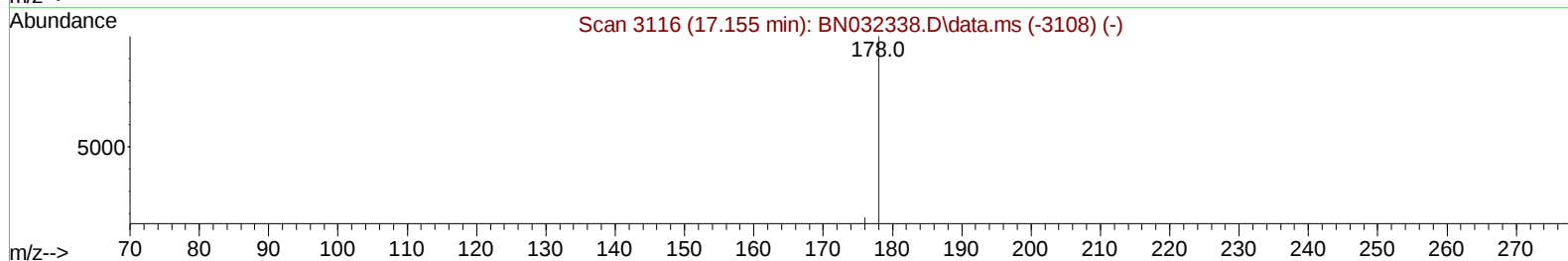
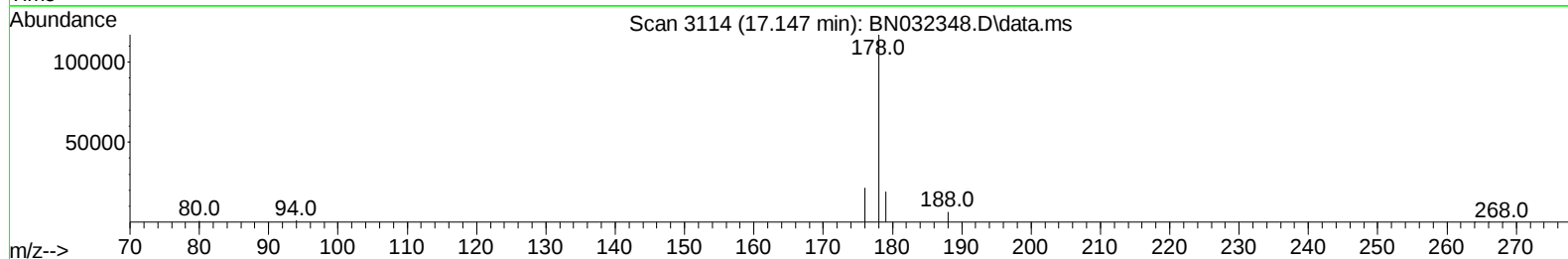
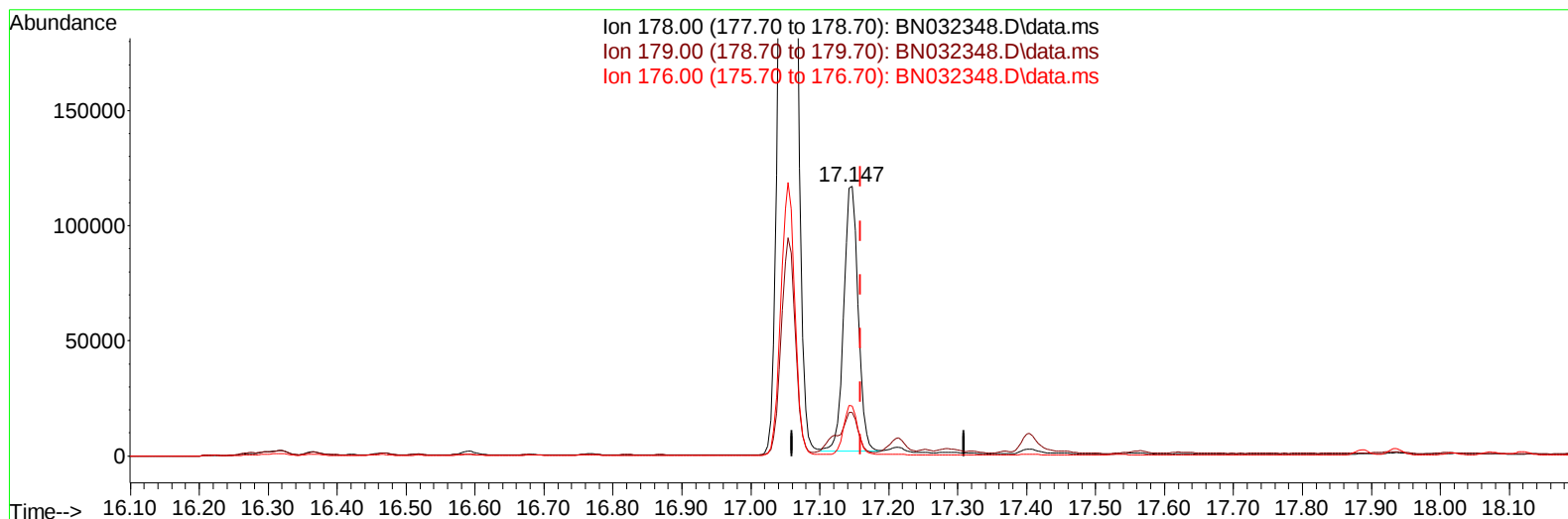
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032348.D
Acq On : 29 Jun 2024 12:53
Operator : MA/JU
Sample : P2934-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B58

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:55 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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032348.D\data.ms

(16) Anthracene

17.147min (-0.013) 2.15 ng/u1 m

response 165590

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	16.22
176.00	18.80	18.42
0.00	0.00	0.00

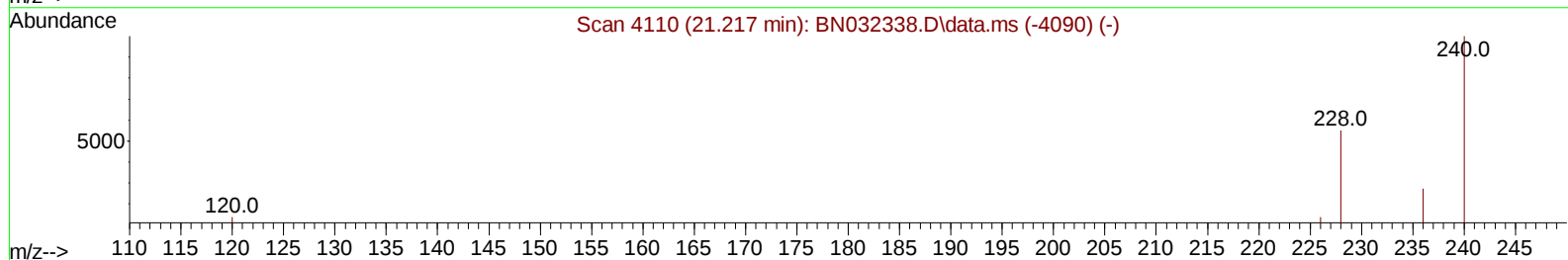
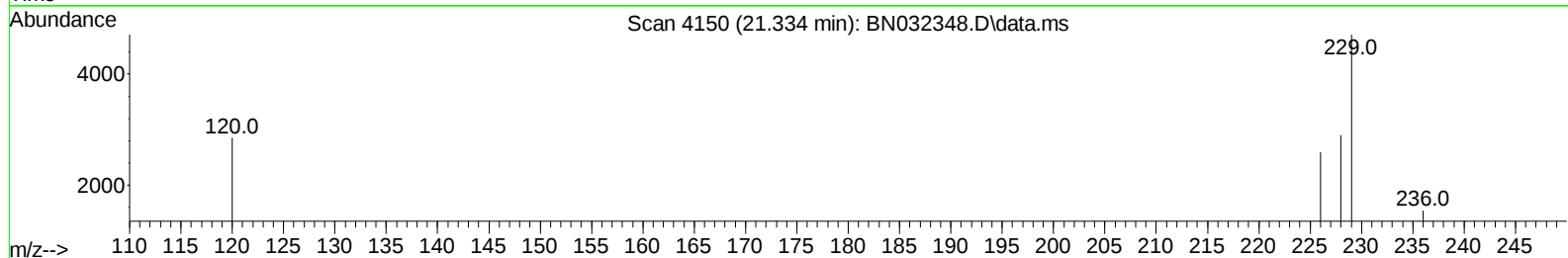
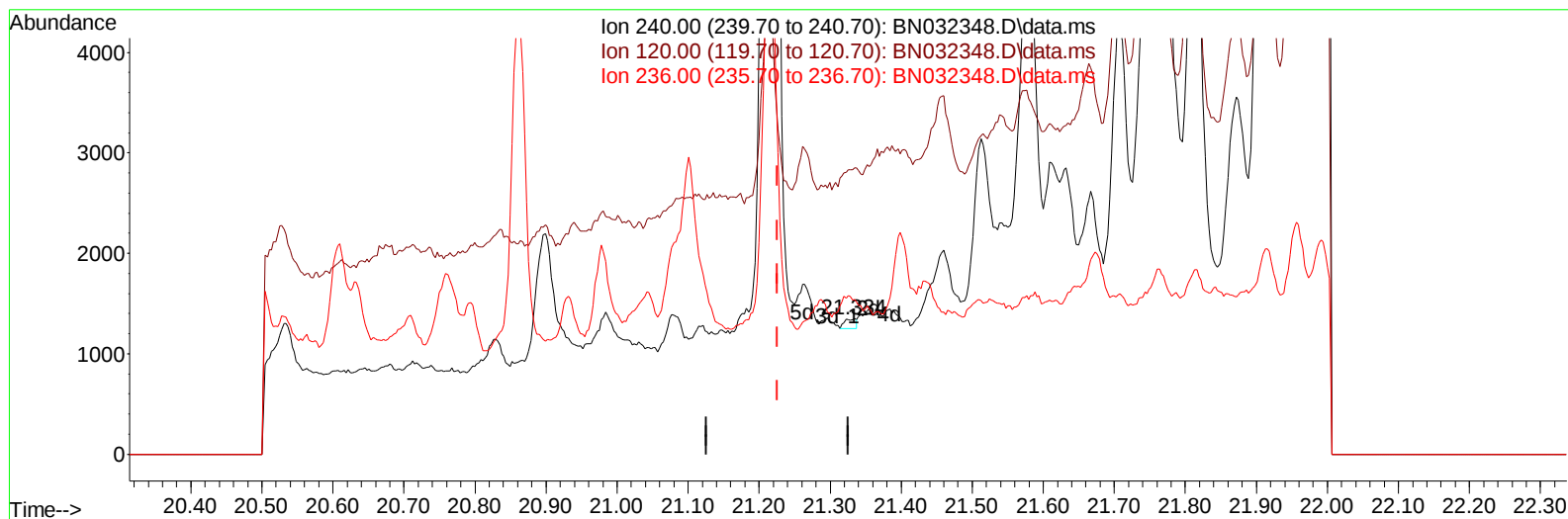
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032348.D
Acq On : 29 Jun 2024 12:53
Operator : MA/JU
Sample : P2934-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B58

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:55 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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Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/01/2024
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TIC: BN032348.D\data.ms

(17) Chrysene-d12

21.334min (+ 0.108) 0.40 ng/u1

response 110

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	211.19#
236.00	28.40	114.38#
0.00	0.00	0.00

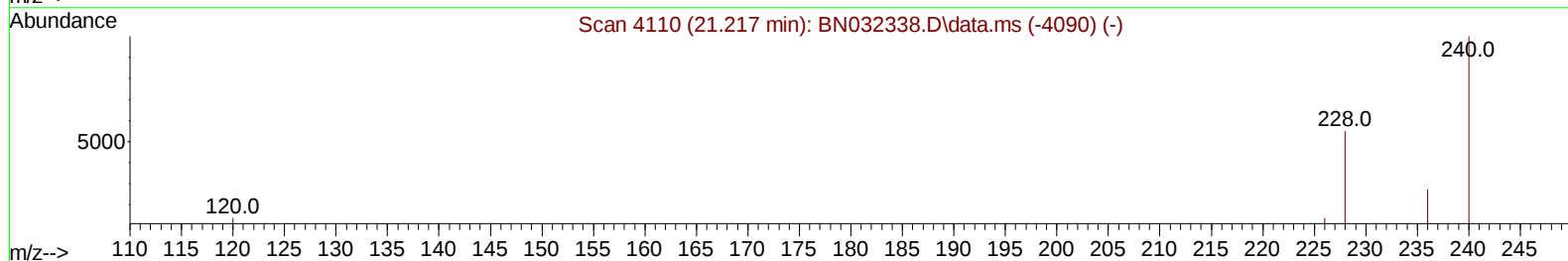
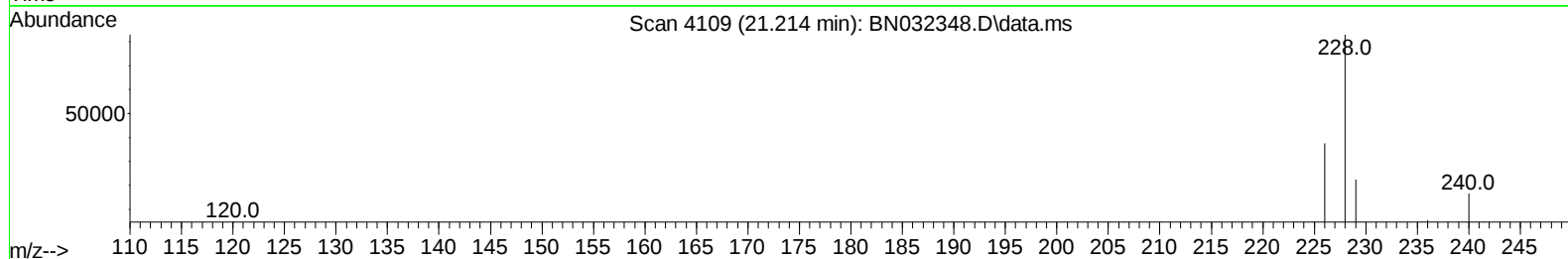
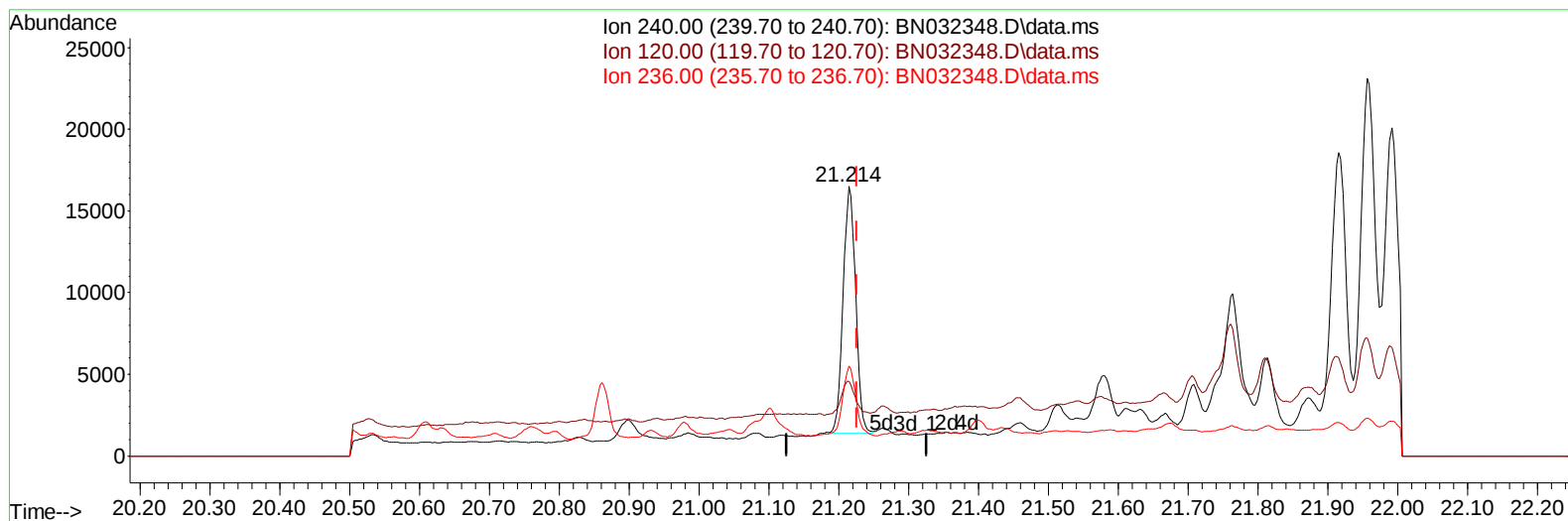
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032348.D
Acq On : 29 Jun 2024 12:53
Operator : MA/JU
Sample : P2934-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B58

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:55 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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032348.D\data.ms

(17) Chrysene-d12

21.214min (-0.012) 0.40 ng/u1 m

response 18773

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	27.83#
236.00	28.40	33.35
0.00	0.00	0.00

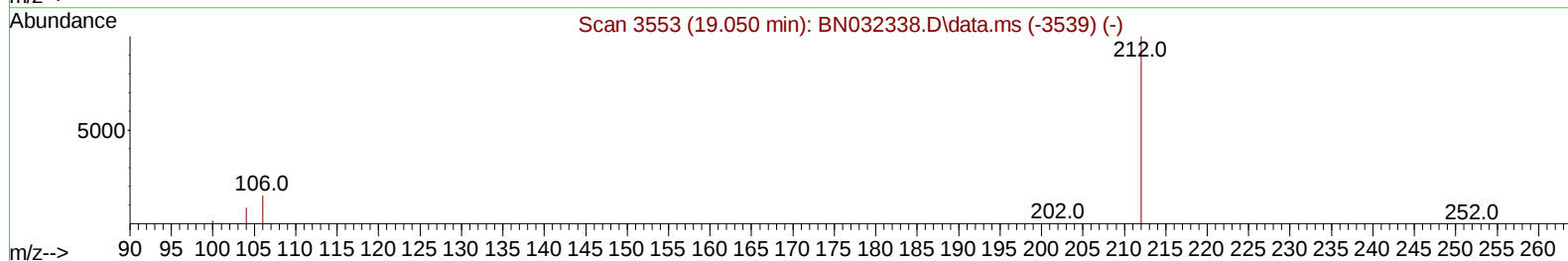
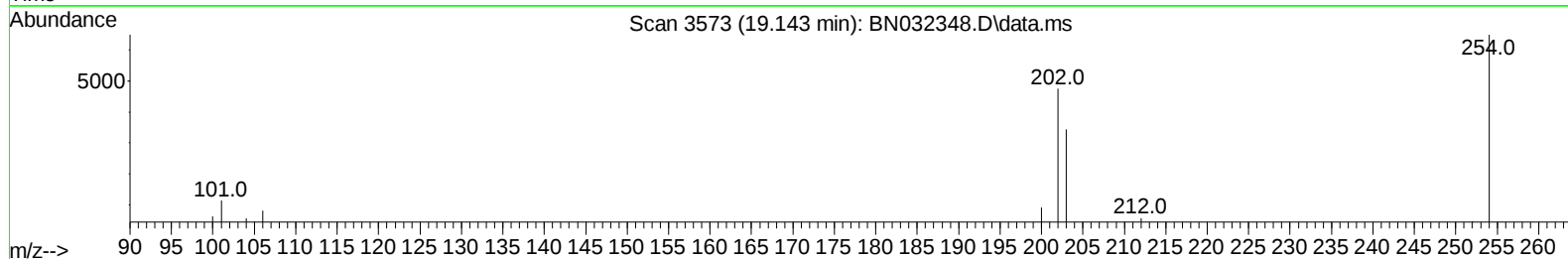
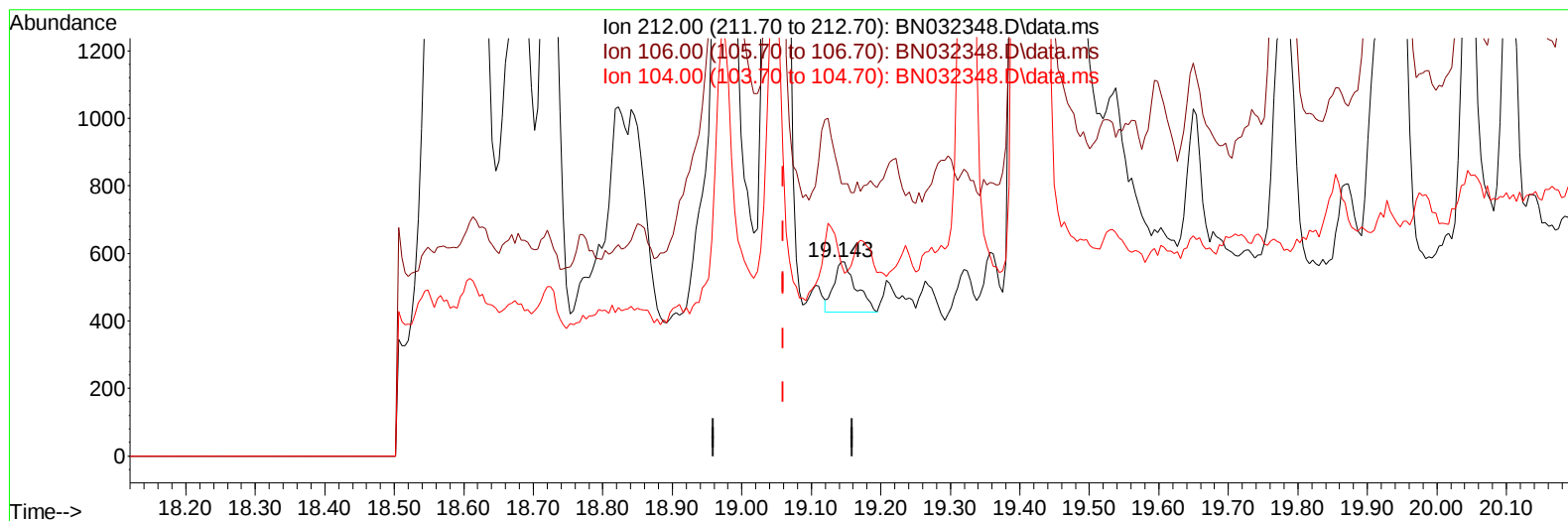
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032348.D
Acq On : 29 Jun 2024 12:53
Operator : MA/JU
Sample : P2934-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B58

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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QLast Update : Thu Jun 27 13:23:38 2024
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TIC: BN032348.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.143min (+ 0.084) 0.01 ng/u1

response 332

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	123.19#
104.00	8.40	126.81#
0.00	0.00	0.00

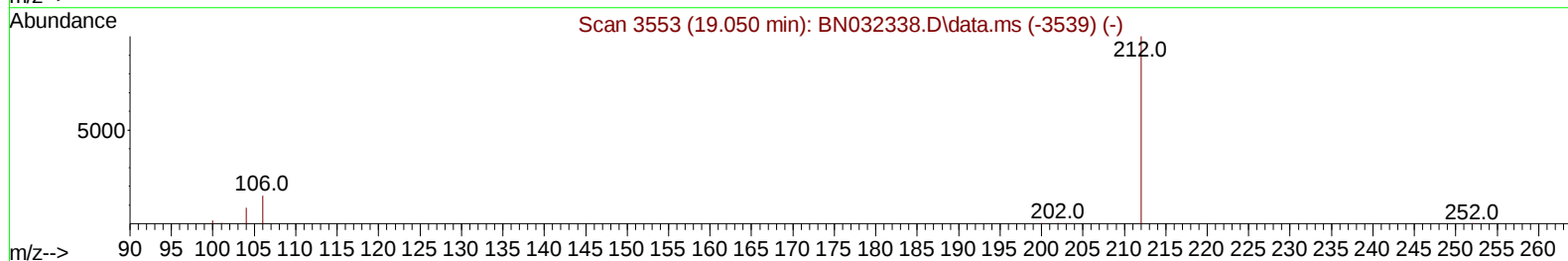
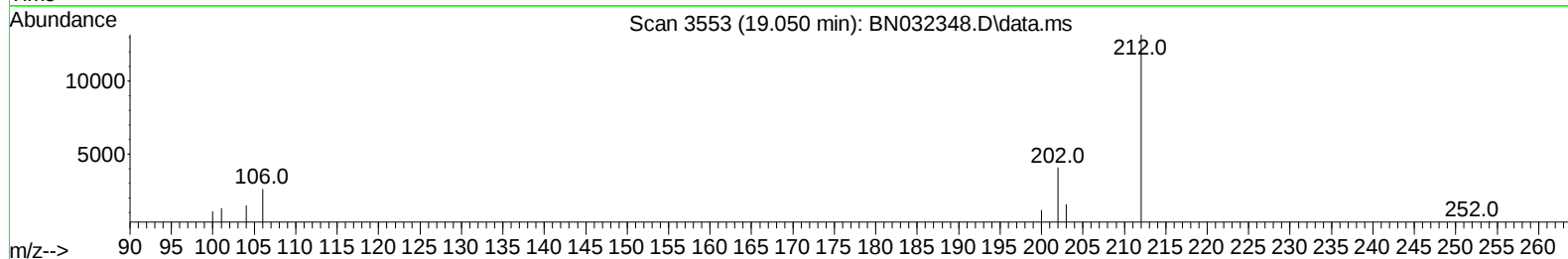
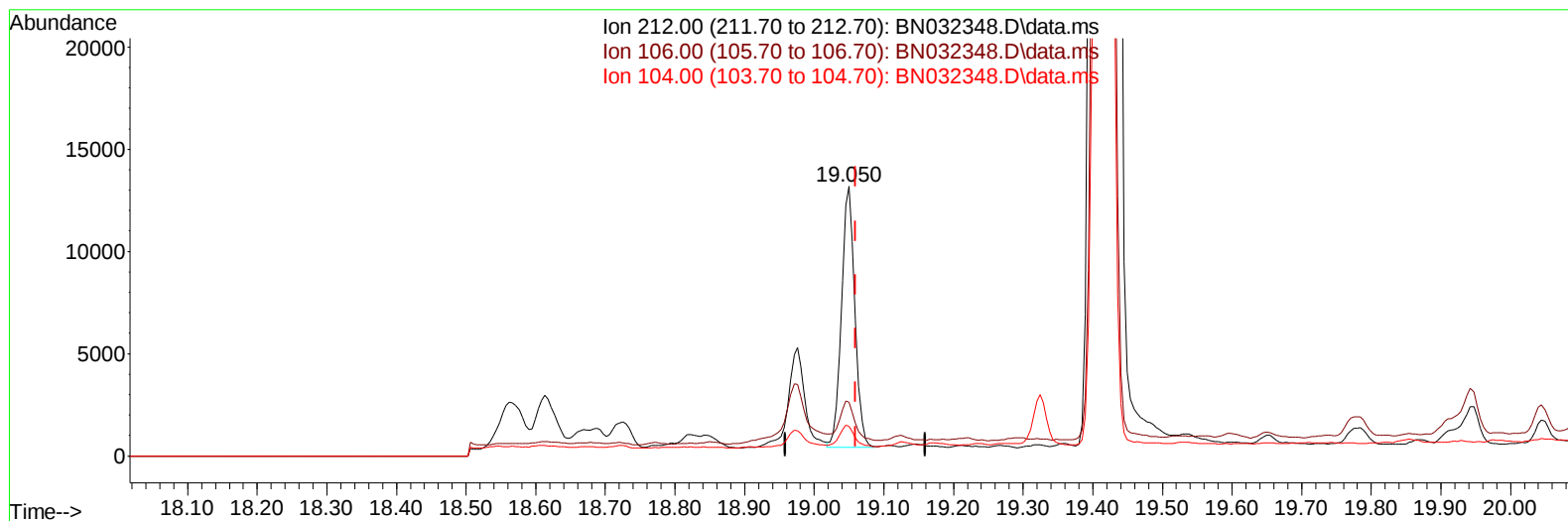
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032348.D
Acq On : 29 Jun 2024 12:53
Operator : MA/JU
Sample : P2934-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B58

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:55 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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032348.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.050min (-0.009) 0.30 ng/ul m

response 17060

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	2.40#
104.00	8.40	2.47#
0.00	0.00	0.00

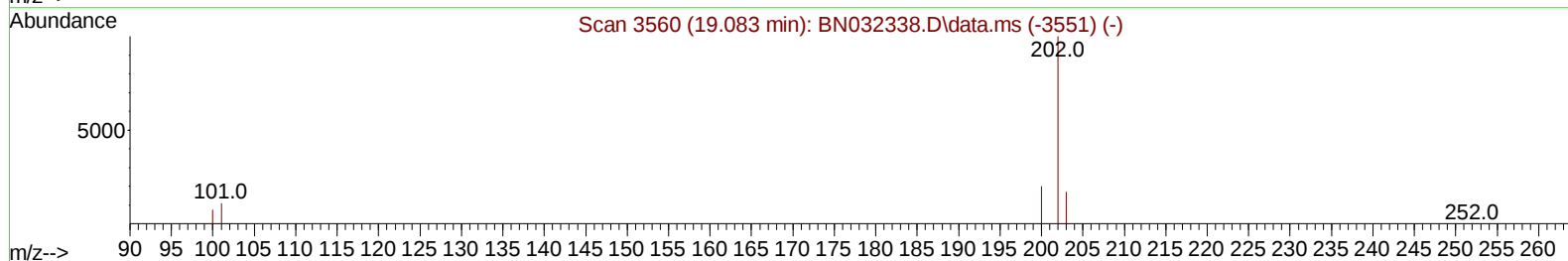
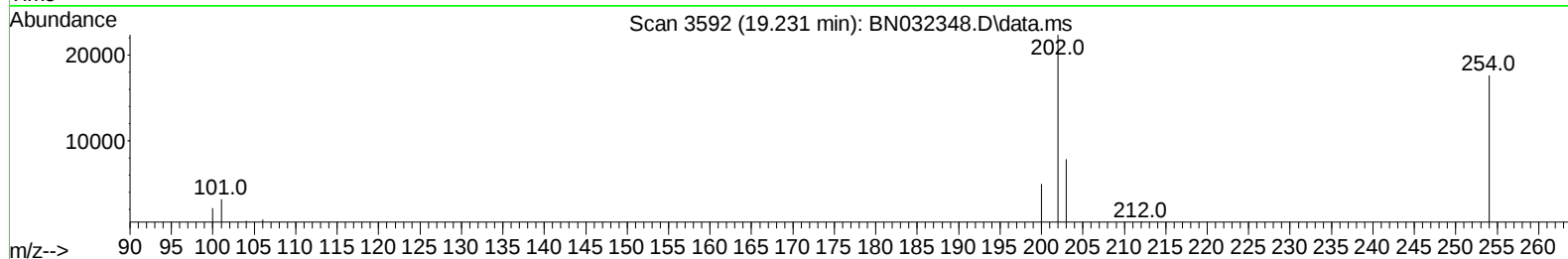
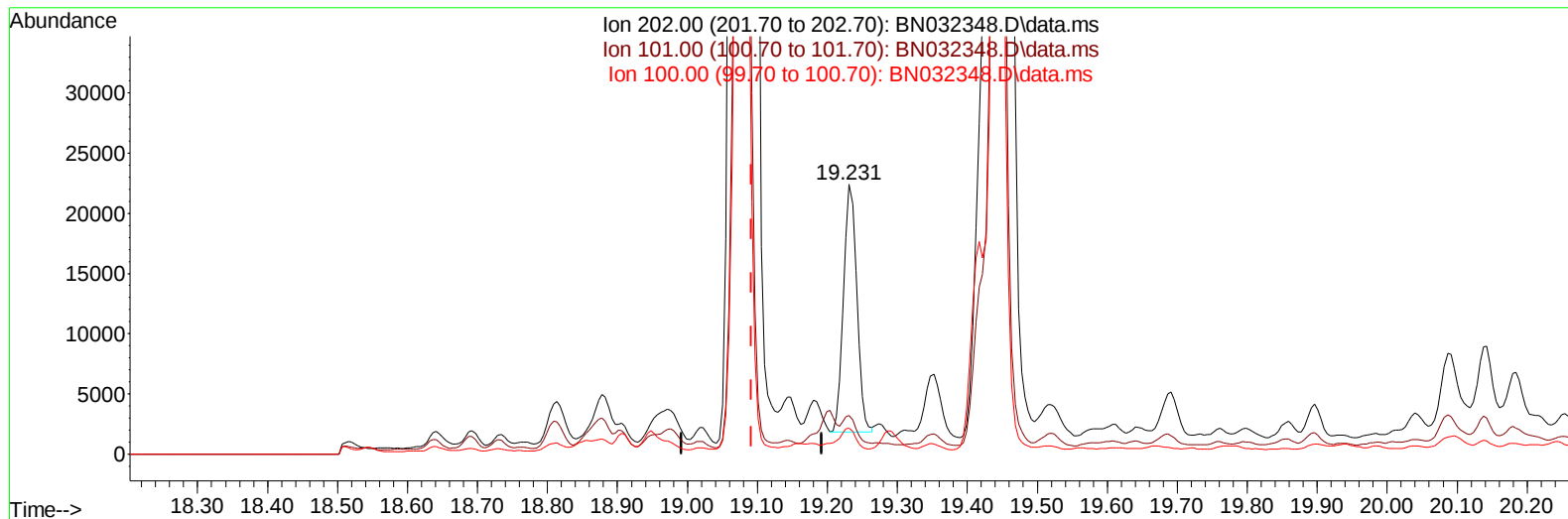
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032348.D
Acq On : 29 Jun 2024 12:53
Operator : MA/JU
Sample : P2934-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B58

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:55 2024
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QLast Update : Thu Jun 27 13:23:38 2024
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Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032348.D\data.ms

(19) Fluoranthene (C)

19.231min (+ 0.139) 0.38 ng/u1

response 26891

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	14.21#
100.00	8.00	9.52
0.00	0.00	0.00

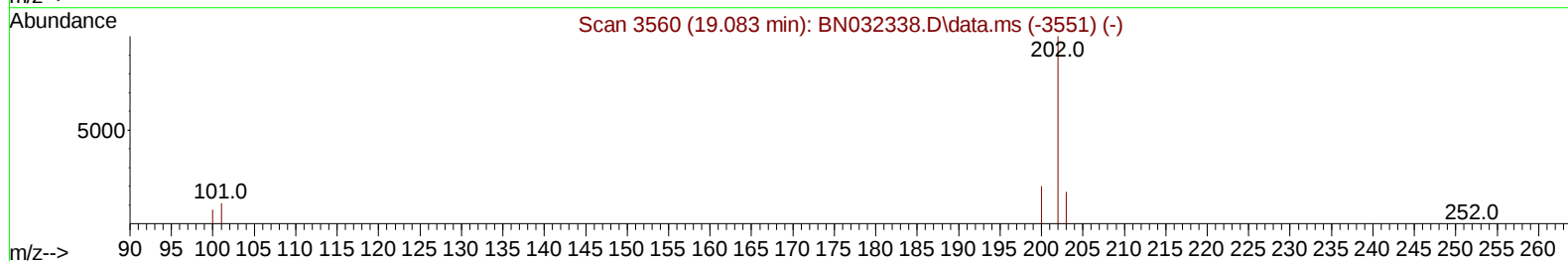
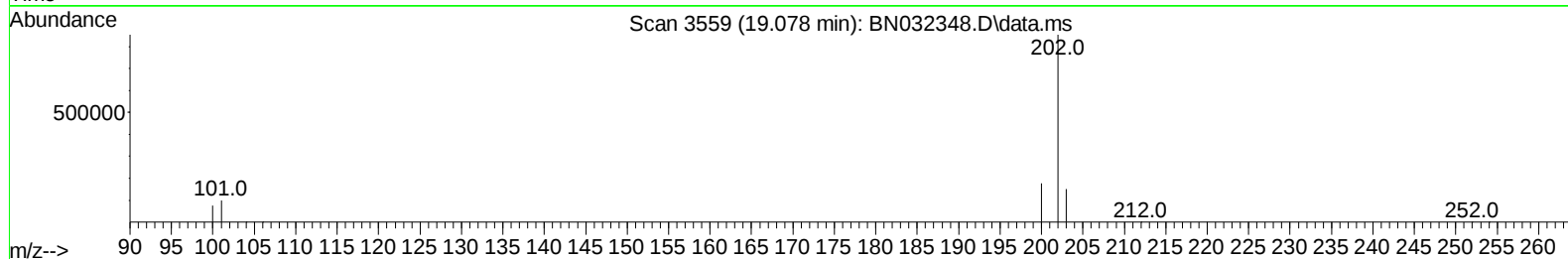
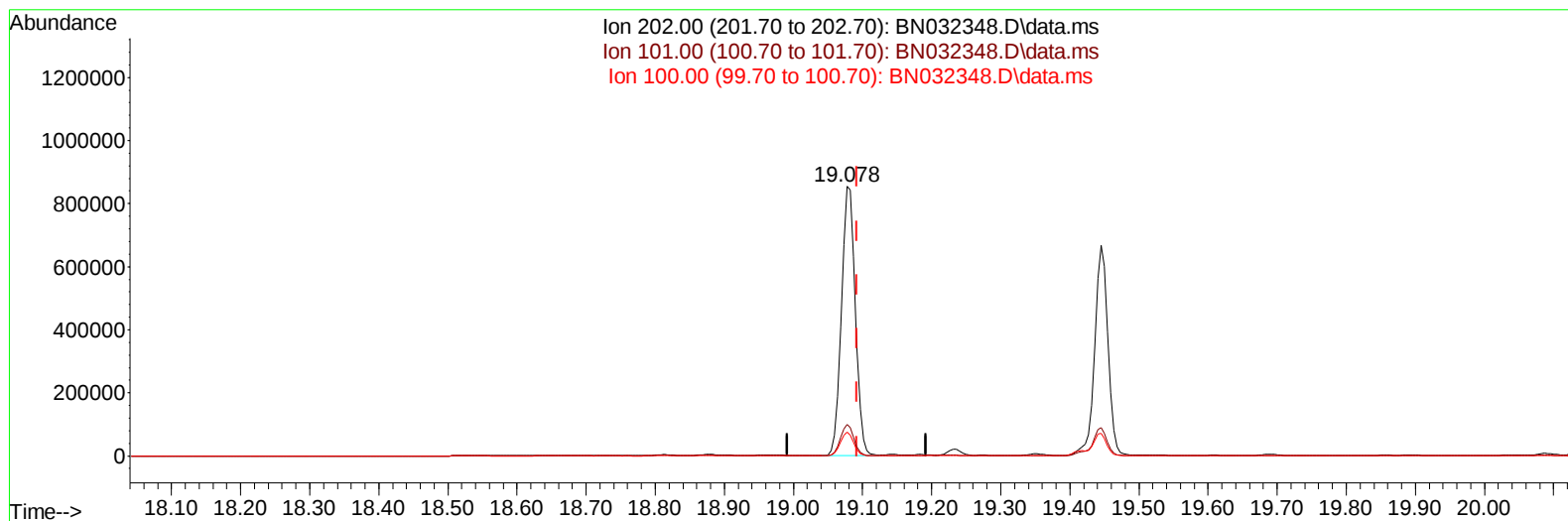
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032348.D
Acq On : 29 Jun 2024 12:53
Operator : MA/JU
Sample : P2934-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B58

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:55 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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032348.D\data.ms

(19) Fluoranthene (C)

19.078min (-0.014) 16.64 ng/ul m

response 1189838

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.72
100.00	8.00	8.82
0.00	0.00	0.00

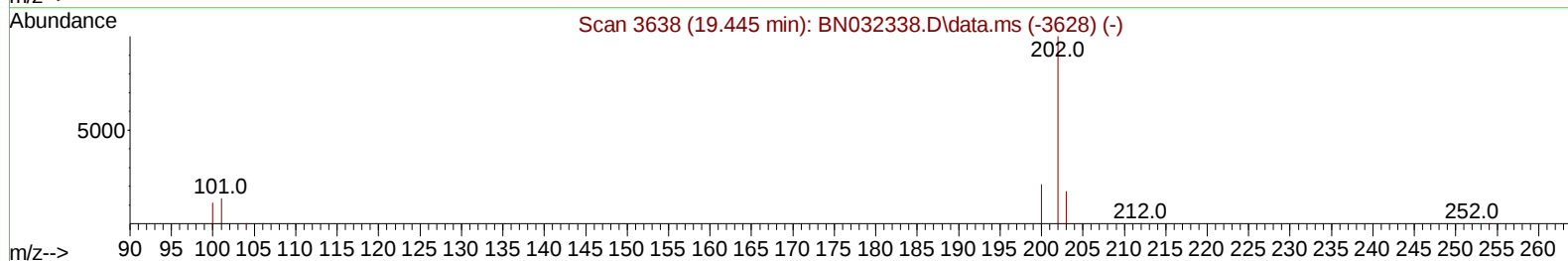
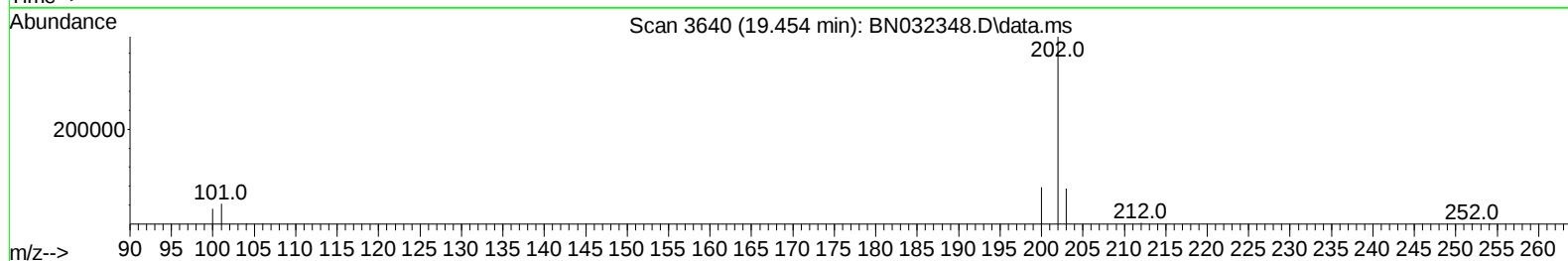
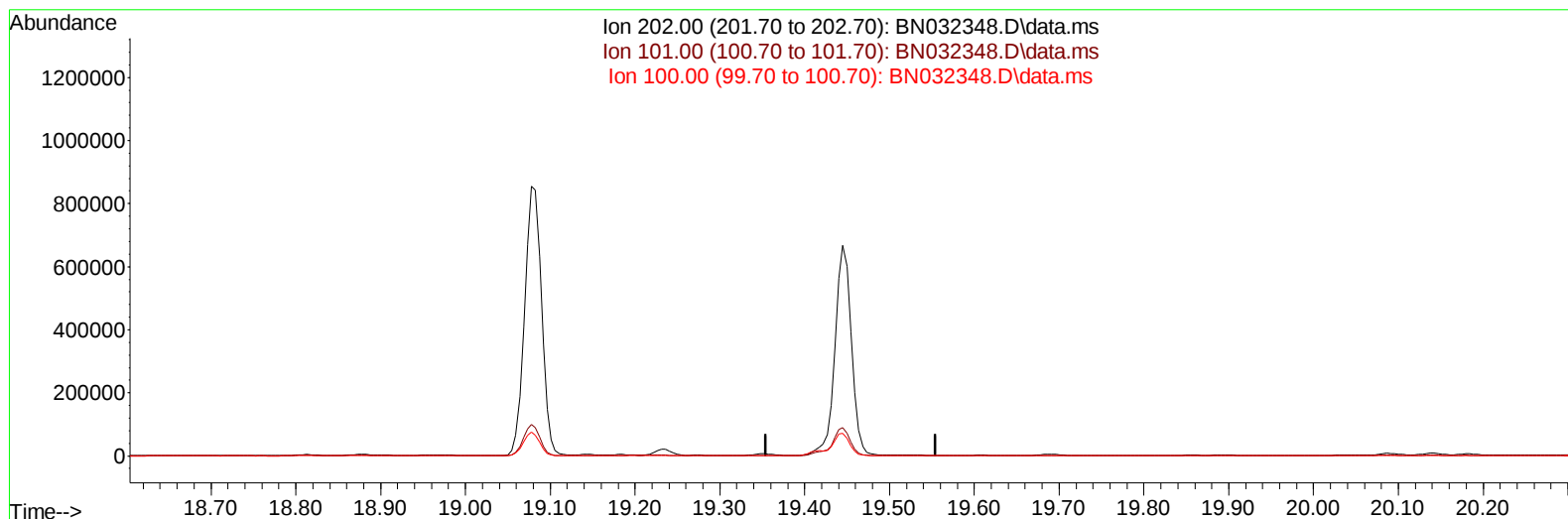
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032348.D
Acq On : 29 Jun 2024 12:53
Operator : MA/JU
Sample : P2934-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B58

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:55 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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032348.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

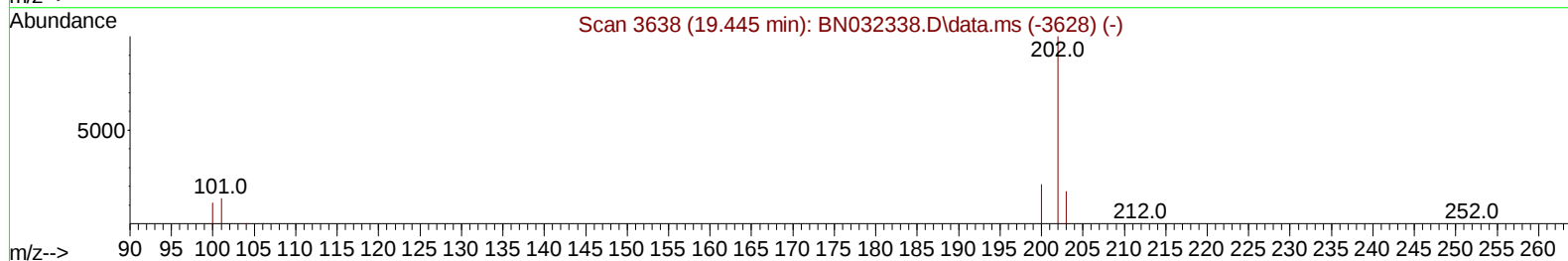
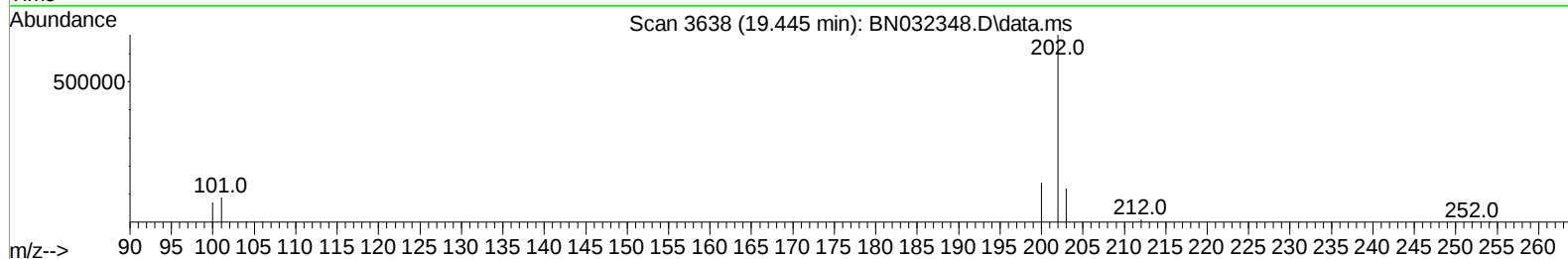
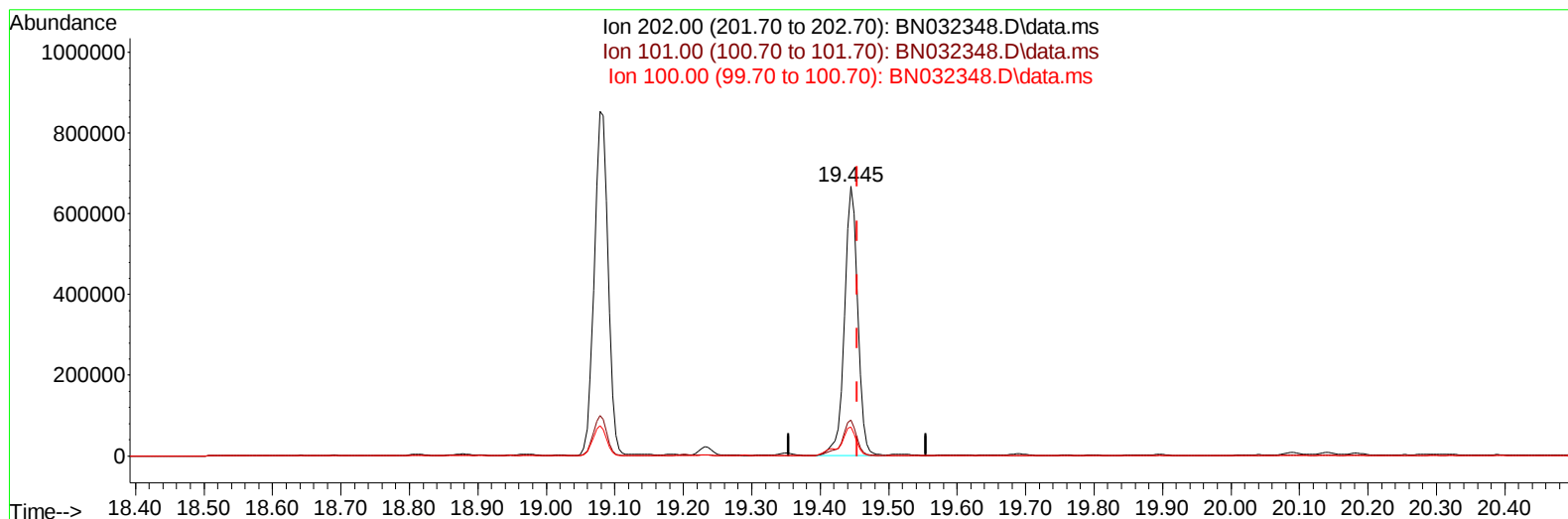
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032348.D
Acq On : 29 Jun 2024 12:53
Operator : MA/JU
Sample : P2934-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B58

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:55 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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032348.D\data.ms

(20) Pyrene

19.445min (-0.009) 12.08 ng/ul m

response 902157

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	13.34
100.00	10.90	10.70
0.00	0.00	0.00

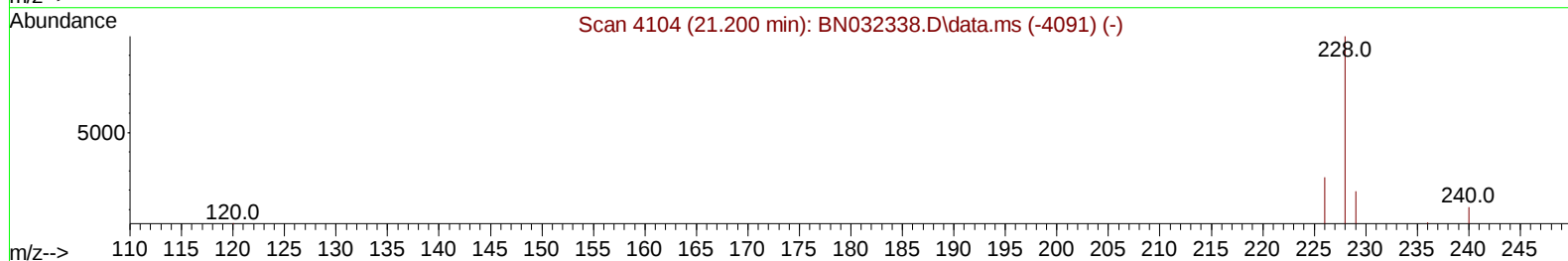
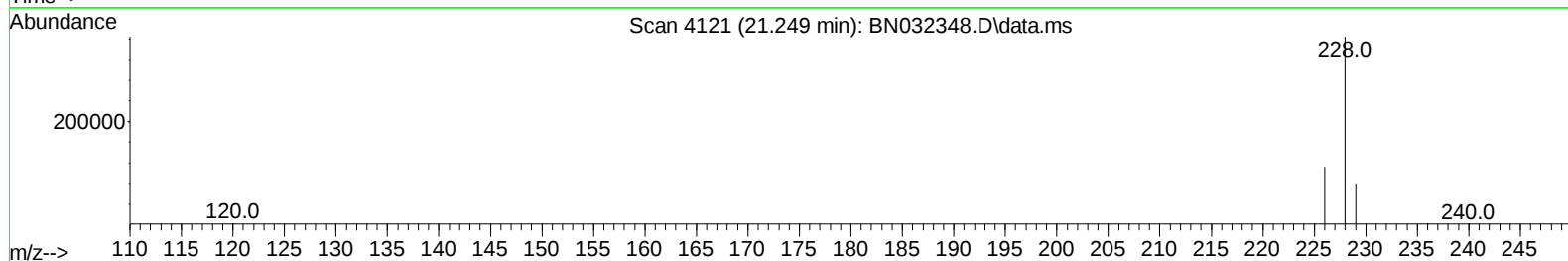
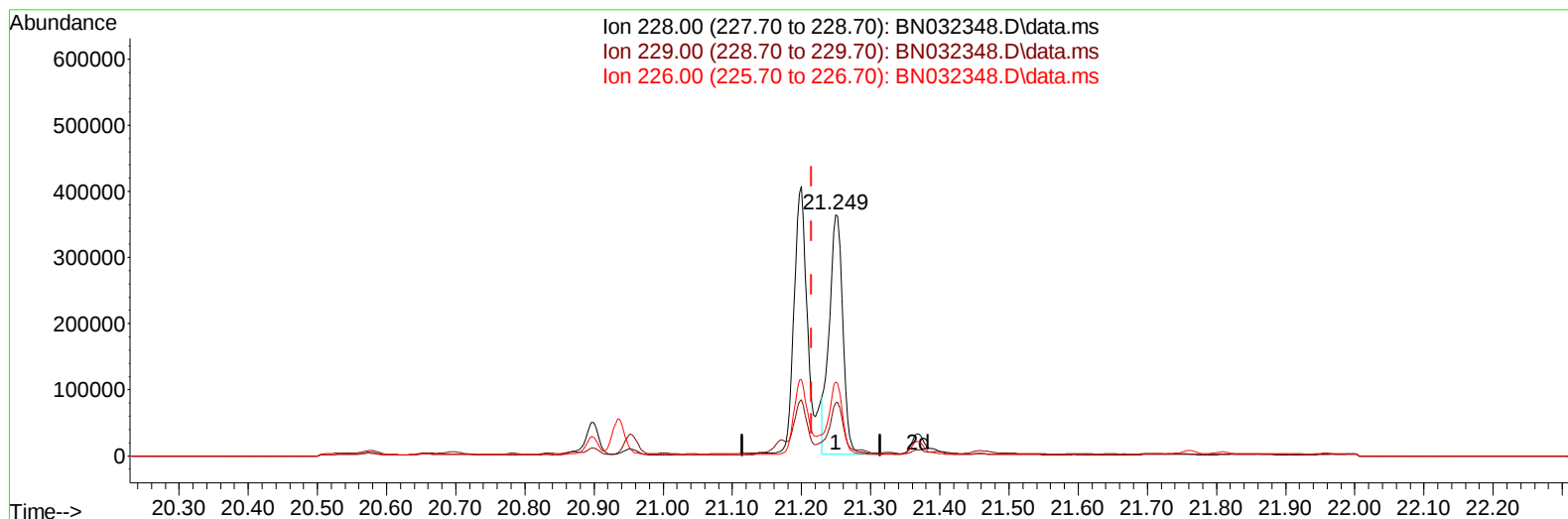
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032348.D
Acq On : 29 Jun 2024 12:53
Operator : MA/JU
Sample : P2934-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B58

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:55 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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032348.D\data.ms

(21) Benzo(a)anthracene

21.249min (+ 0.035) 7.28 ng/u1

response 493342

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	22.14
226.00	27.30	30.70
0.00	0.00	0.00

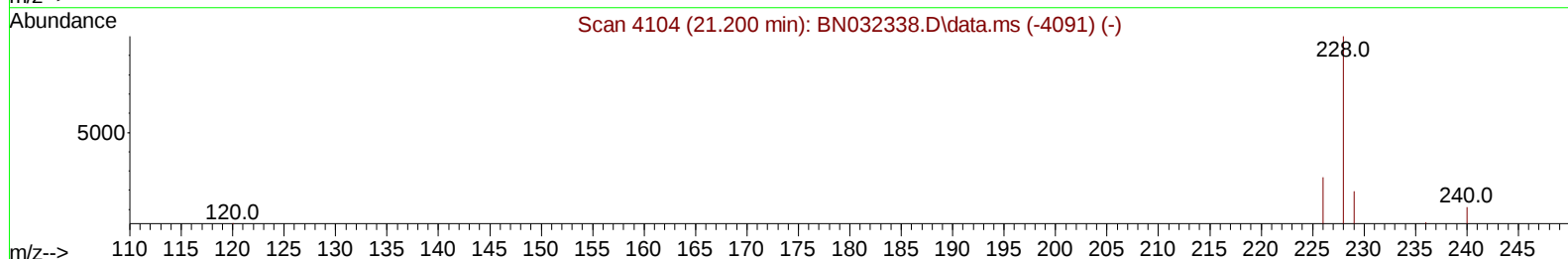
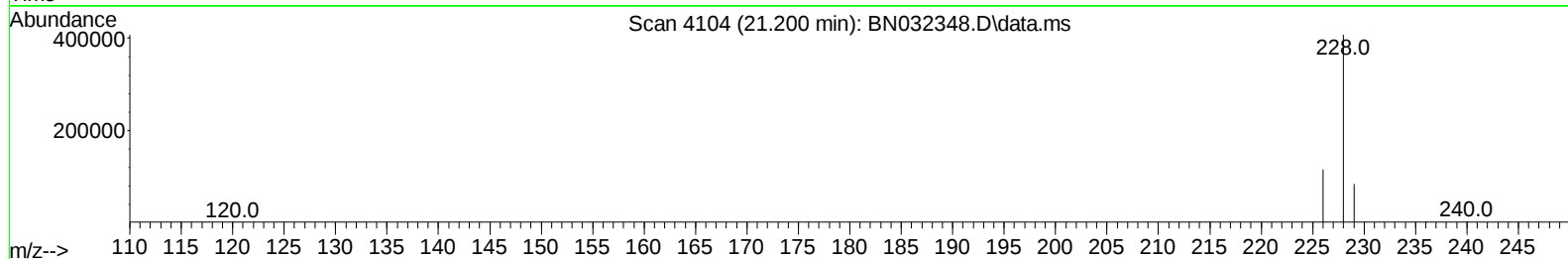
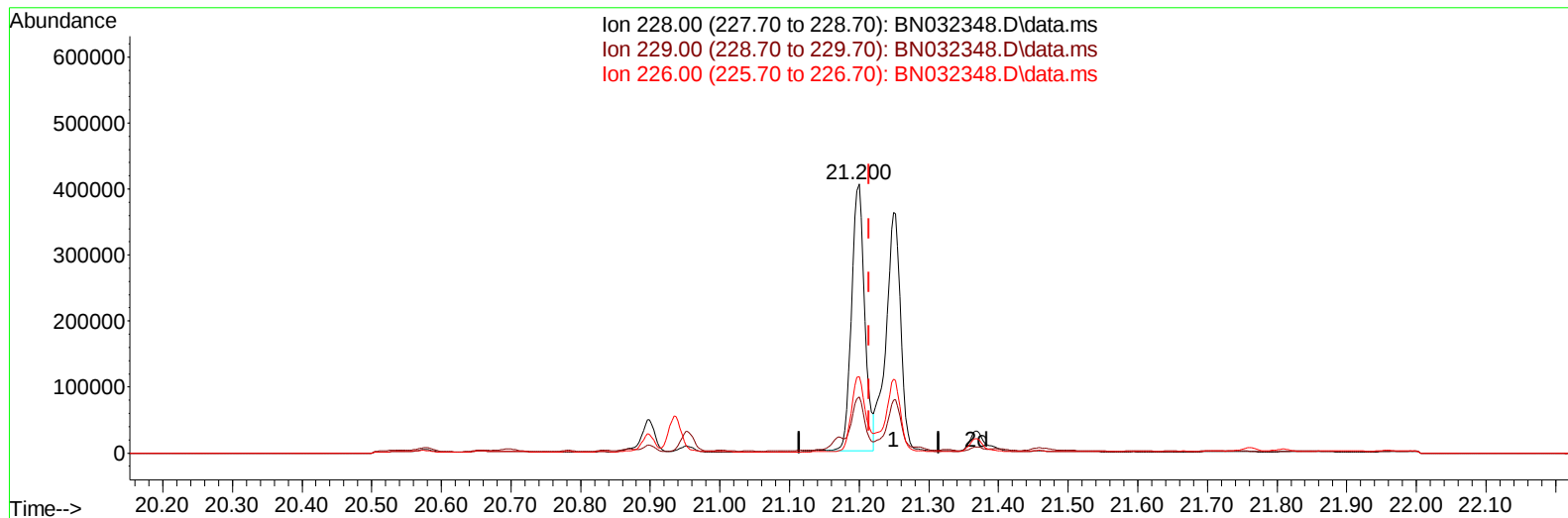
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032348.D
Acq On : 29 Jun 2024 12:53
Operator : MA/JU
Sample : P2934-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B58

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jun 30 23:04:55 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: BN032348.D\data.ms

(21) Benzo(a)anthracene

21.200min (-0.015) 7.78 ng/u1 m

response 526924

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	20.85
226.00	27.30	28.38
0.00	0.00	0.00

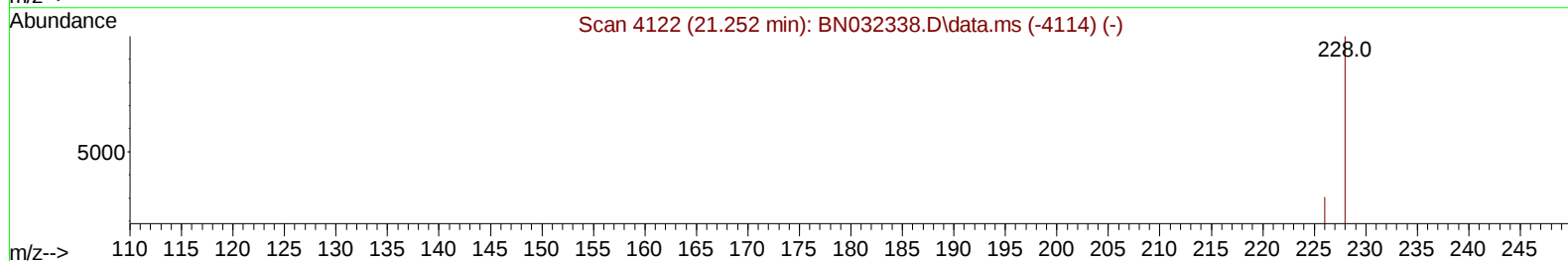
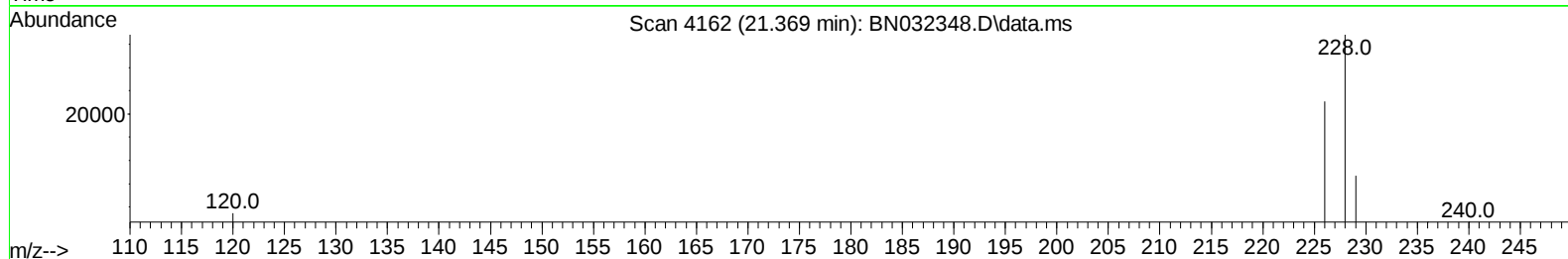
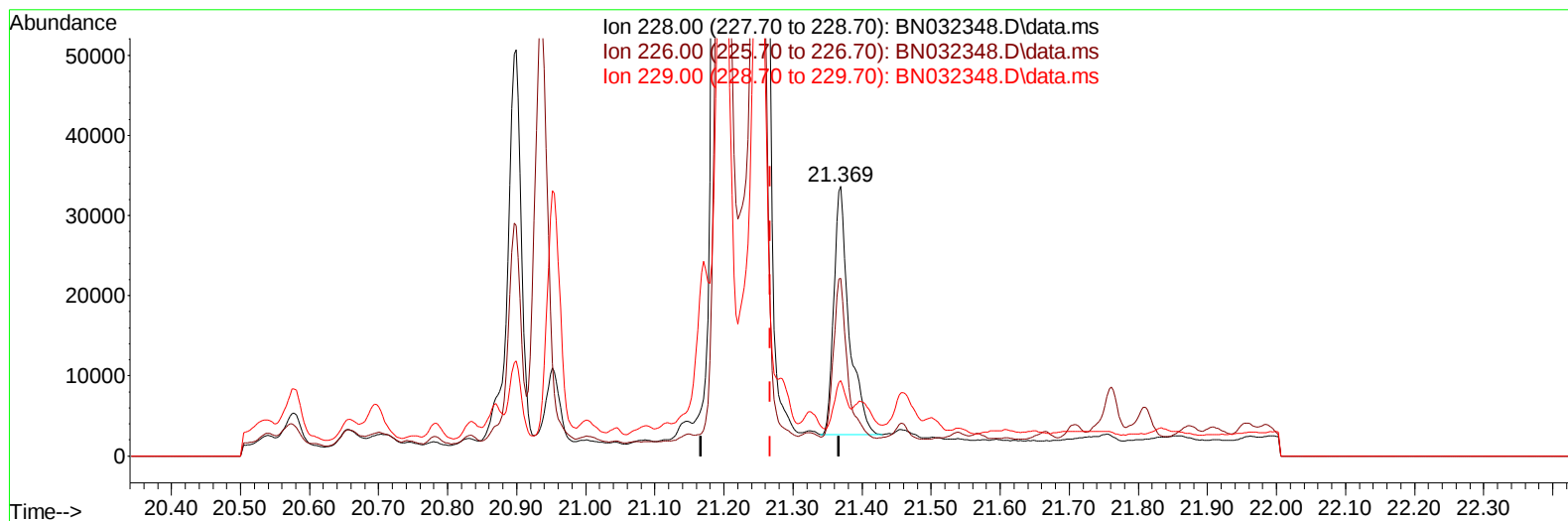
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032348.D
Acq On : 29 Jun 2024 12:53
Operator : MA/JU
Sample : P2934-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B58

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:55 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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032348.D\data.ms

(22) Chrysene

21.369min (+ 0.102) 0.64 ng/u1

response 47442

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	65.98#
229.00	19.60	27.90#
0.00	0.00	0.00

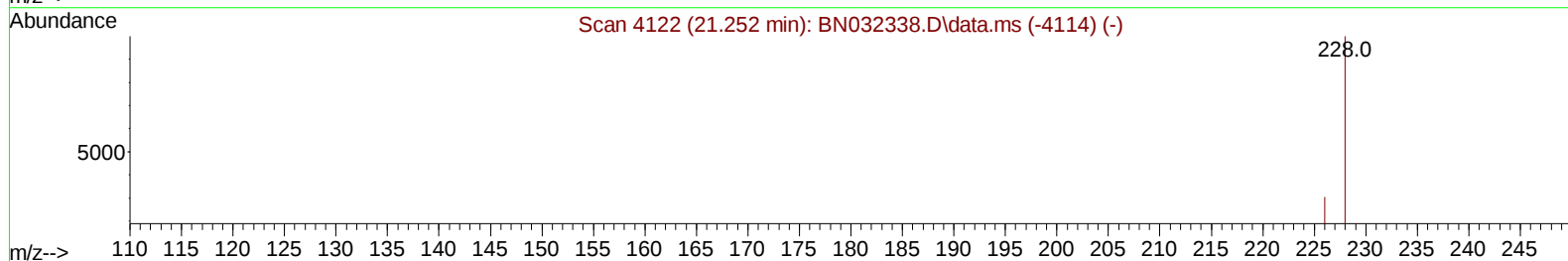
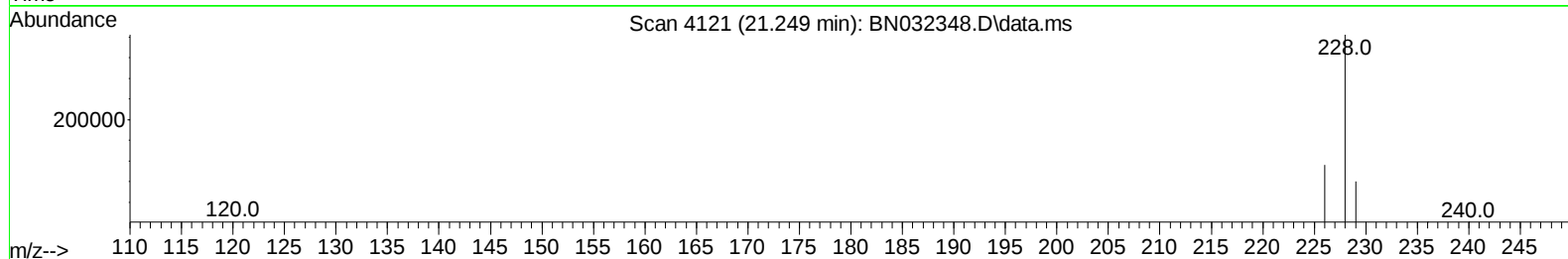
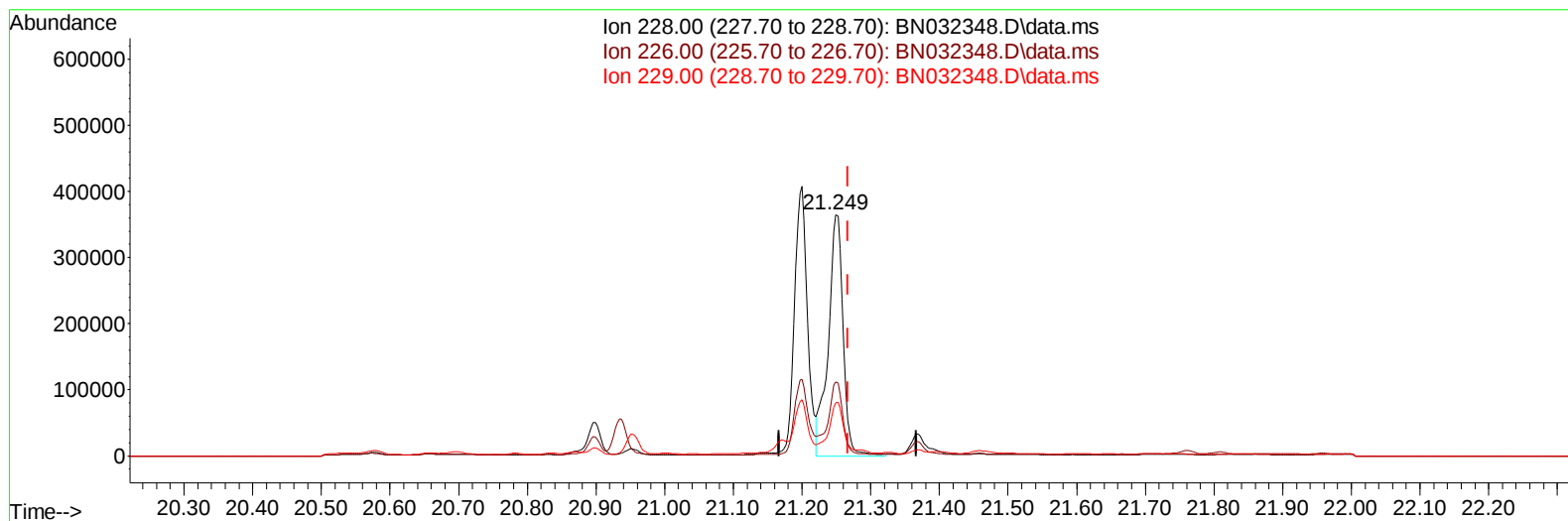
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032348.D
Acq On : 29 Jun 2024 12:53
Operator : MA/JU
Sample : P2934-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B58

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:55 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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032348.D\data.ms

(22) Chrysene

21.249min (-0.018) 7.41 ng/u1 m

response 550808

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	30.70
229.00	19.60	22.14
0.00	0.00	0.00

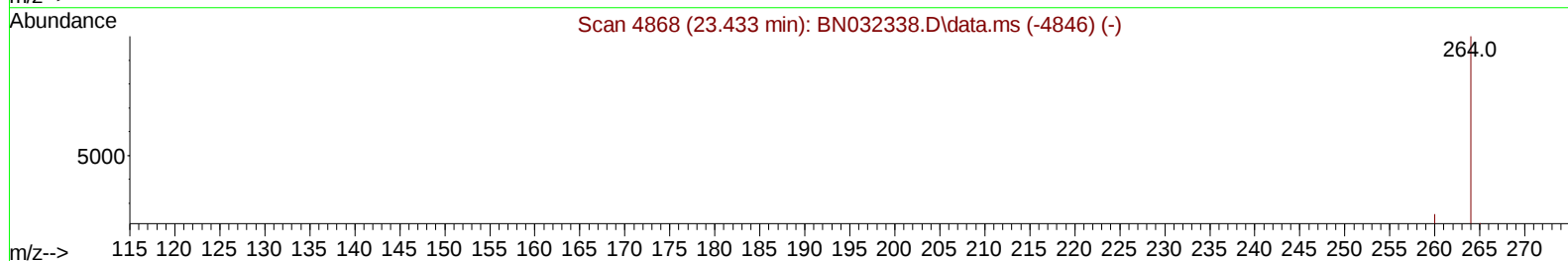
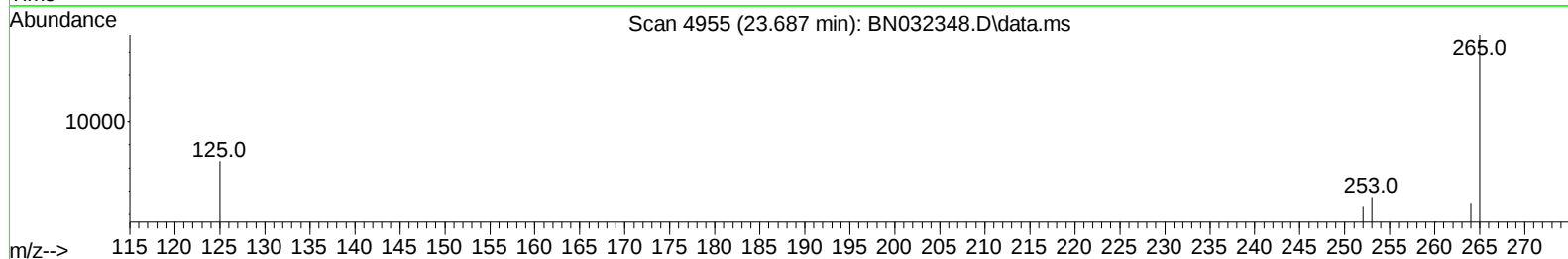
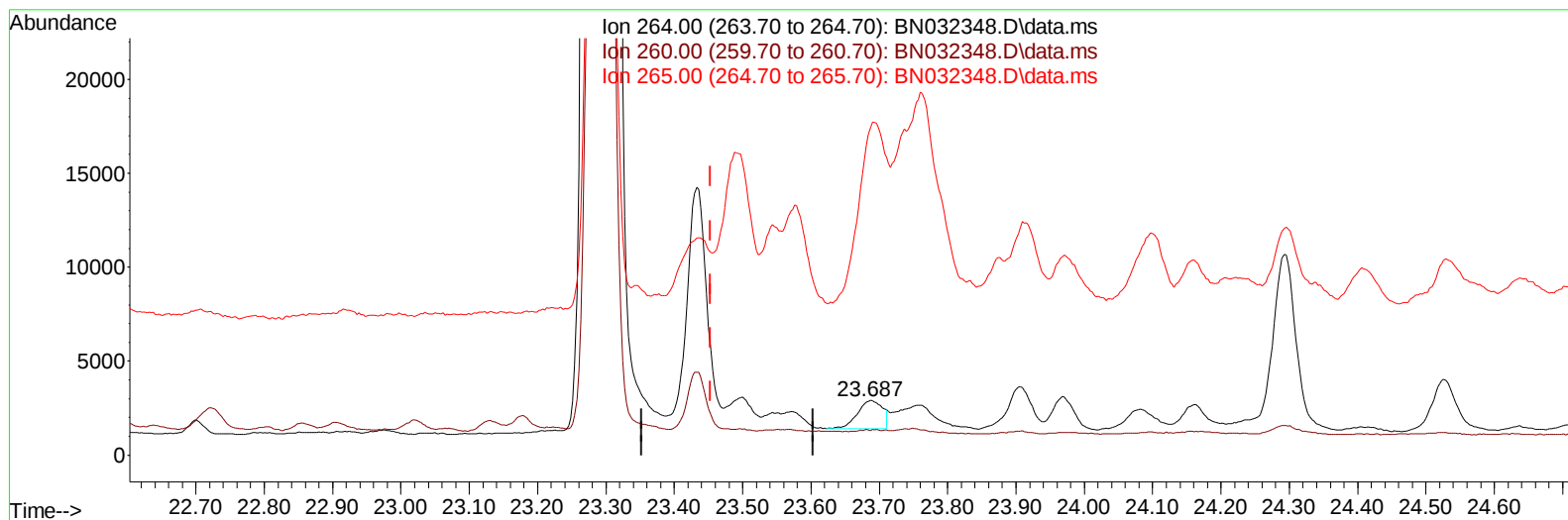
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032348.D
Acq On : 29 Jun 2024 12:53
Operator : MA/JU
Sample : P2934-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B58

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:55 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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032348.D\data.ms

(23) Perylene-d12 (I)

23.687min (+ 0.234) 0.40 ng/u1

response 3885

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	45.26#
265.00	67.20	599.86#
0.00	0.00	0.00

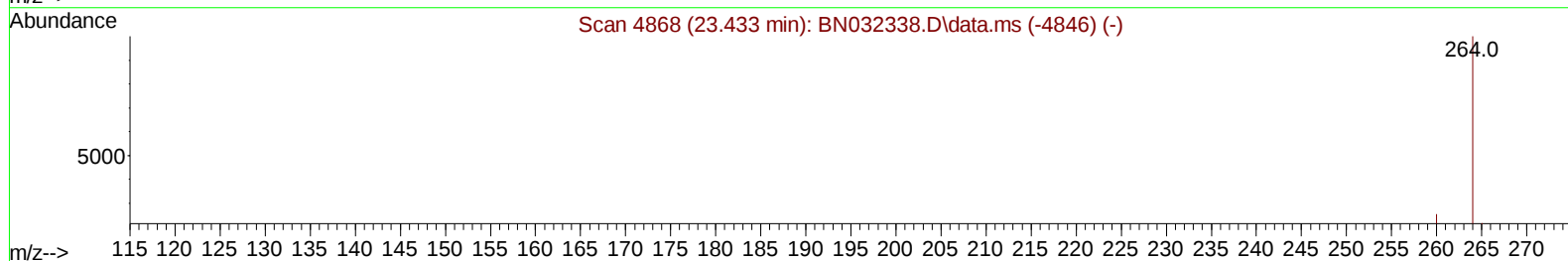
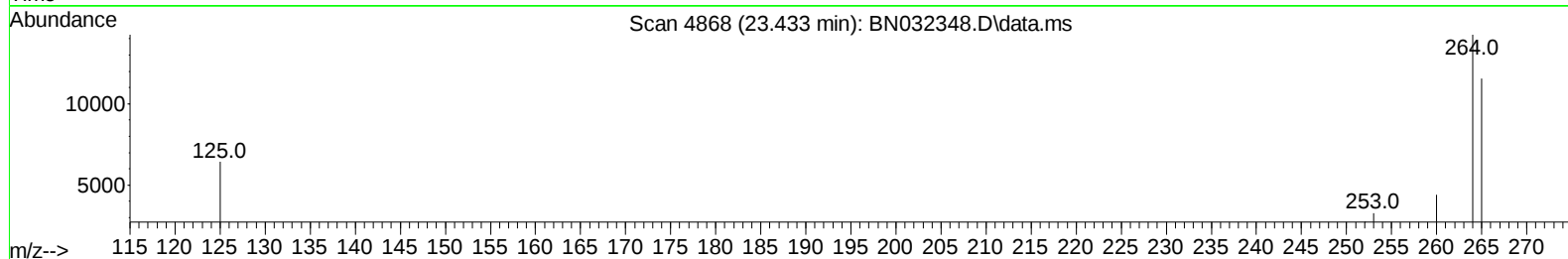
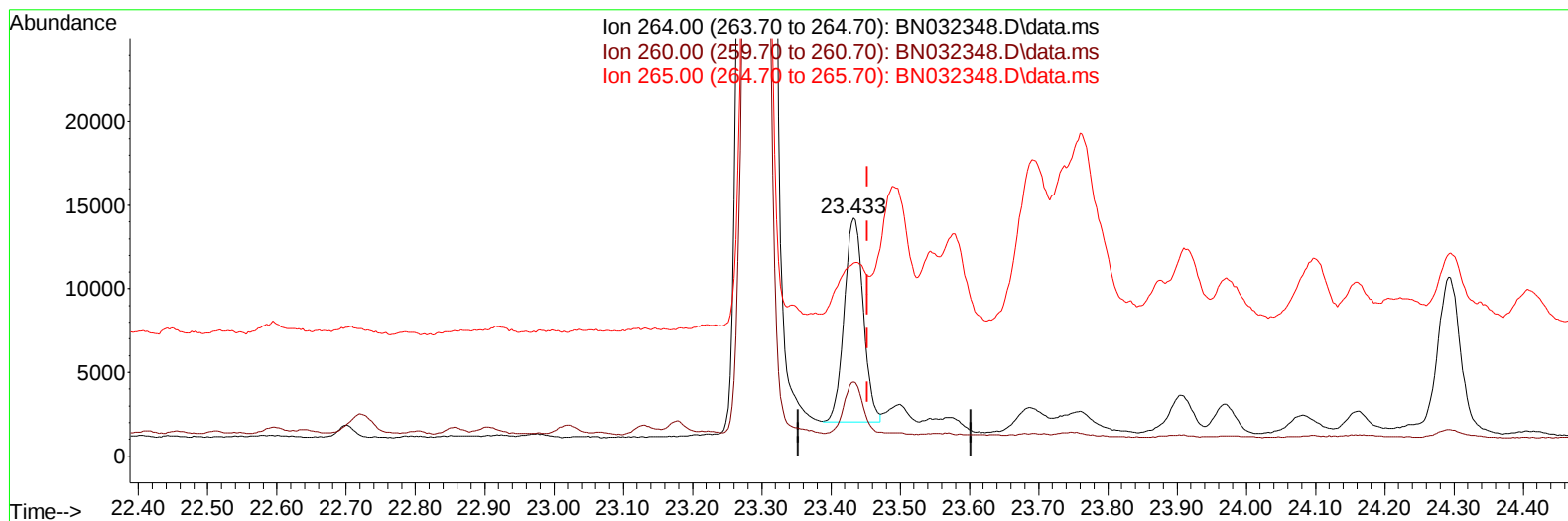
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032348.D
Acq On : 29 Jun 2024 12:53
Operator : MA/JU
Sample : P2934-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B58

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:55 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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032348.D\data.ms

(23) Perylene-d12 (I)

23.433min (-0.021) 0.40 ng/ul m

response 23417

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	31.05
265.00	67.20	81.09#
0.00	0.00	0.00

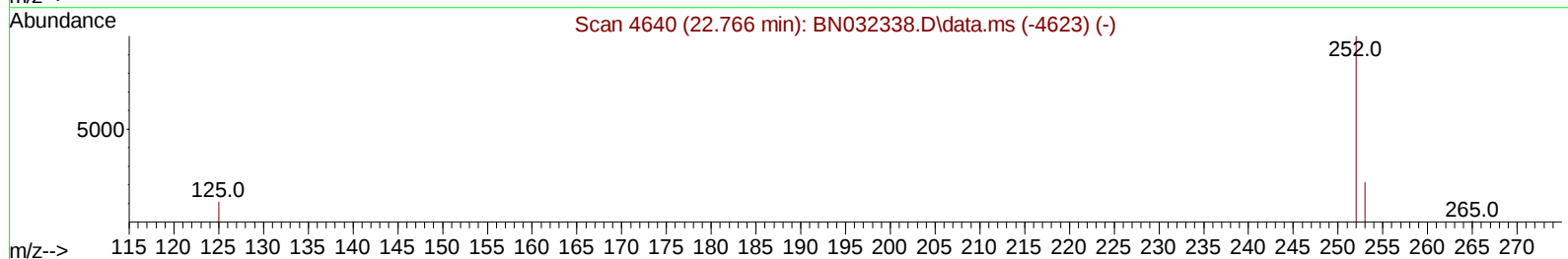
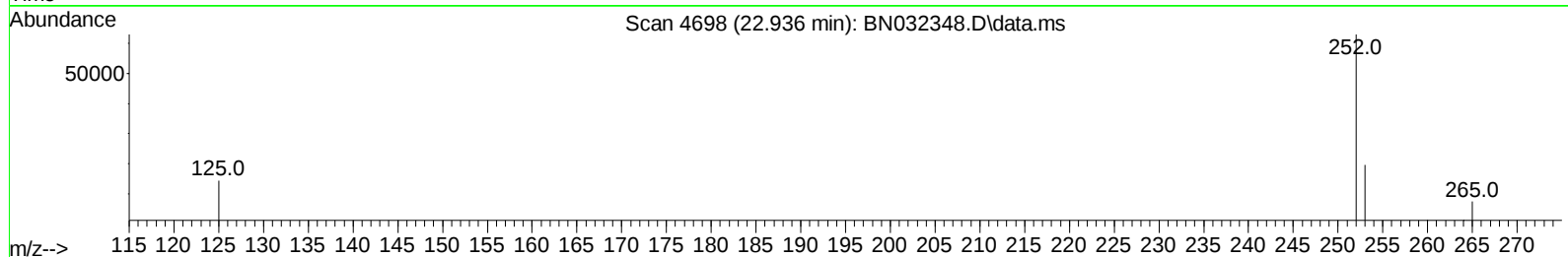
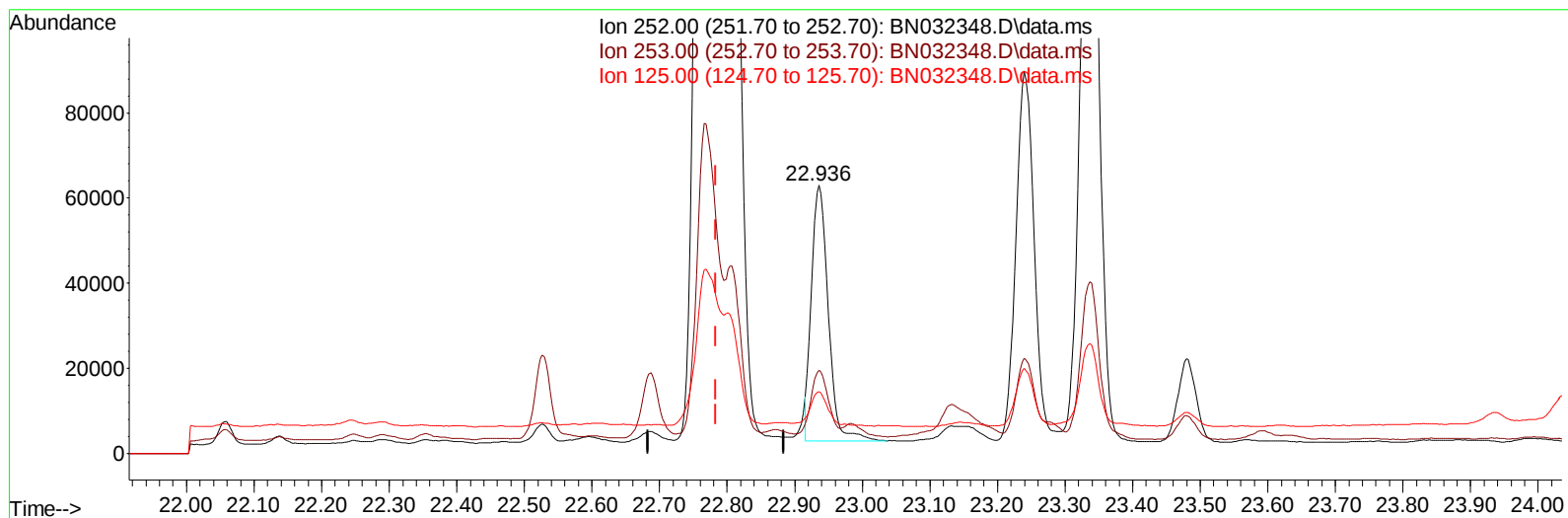
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032348.D
Acq On : 29 Jun 2024 12:53
Operator : MA/JU
Sample : P2934-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B58

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:55 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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032348.D\data.ms

(24) Benzo(b)fluoranthene

22.936min (+ 0.152) 1.02 ng/u1

response 103720

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	31.06
125.00	16.00	22.98
0.00	0.00	0.00

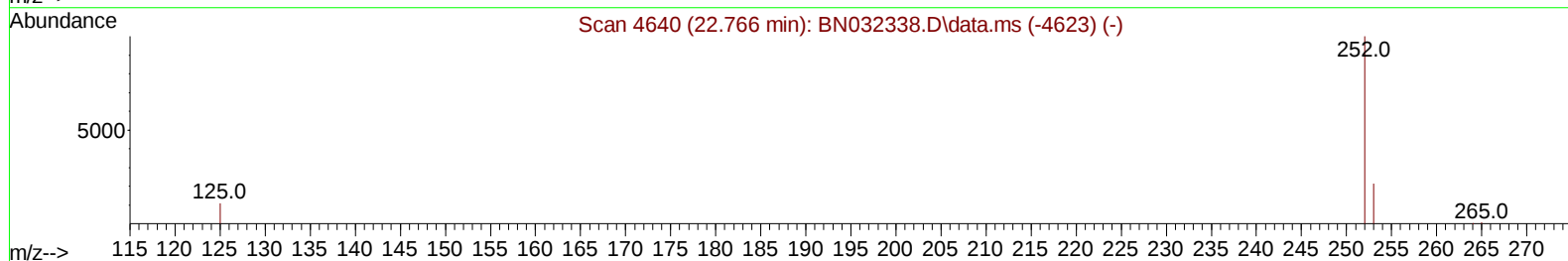
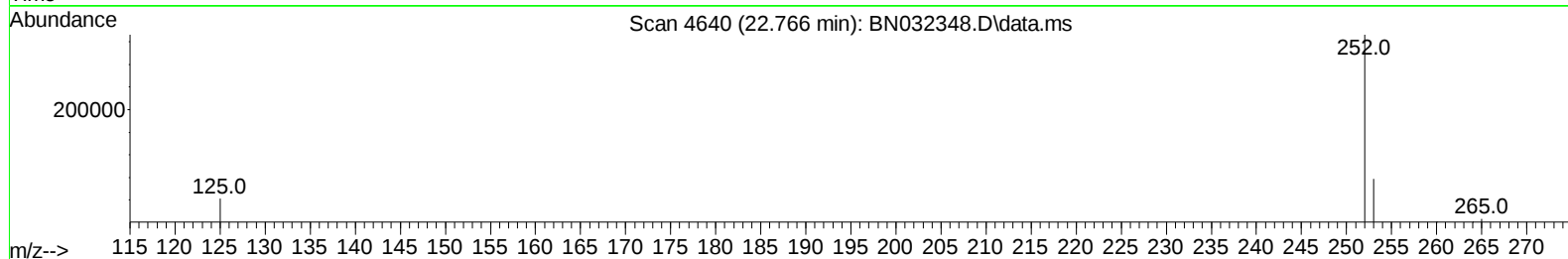
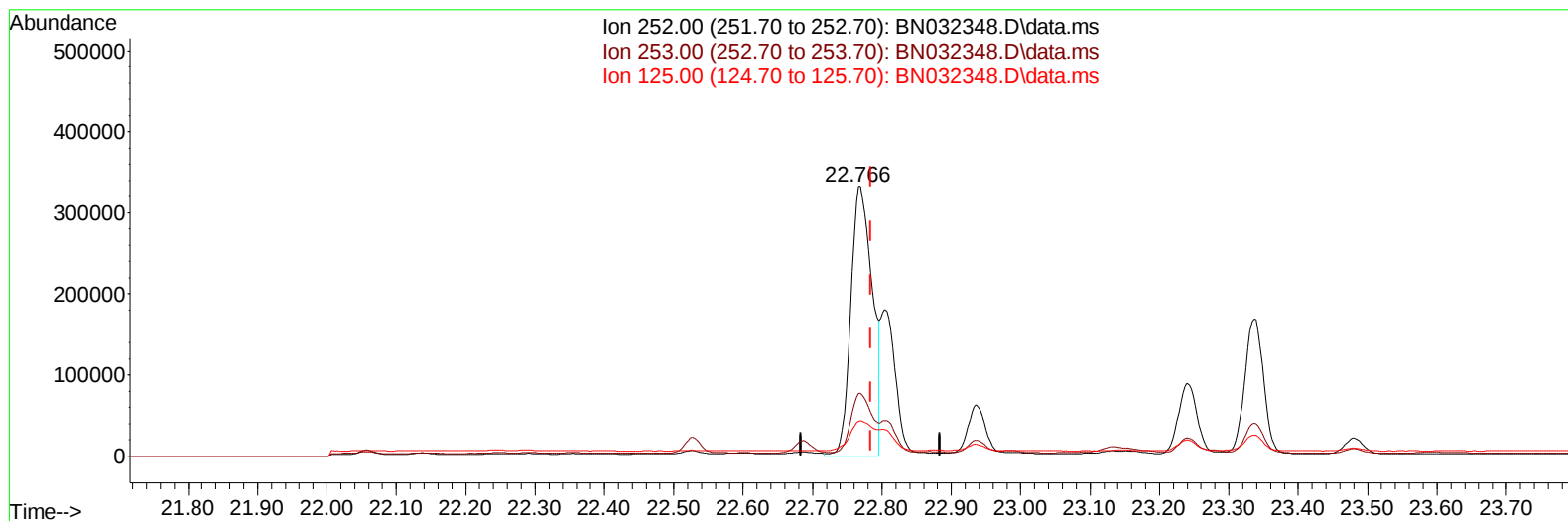
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032348.D
 Acq On : 29 Jun 2024 12:53
 Operator : MA/JU
 Sample : P2934-01
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B58

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:55 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 07/01/2024
 Supervised By :mohammad ahmed 07/04/2024



TIC: BN032348.D\data.ms

(24) Benzo(b)fluoranthene

22.766min (-0.018) 7.08 ng/u1 m

response 720598

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.30
125.00	16.00	12.98
0.00	0.00	0.00

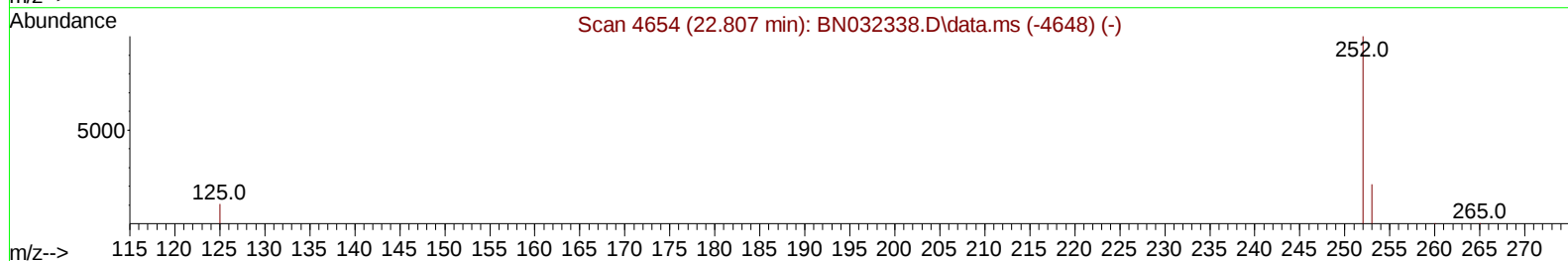
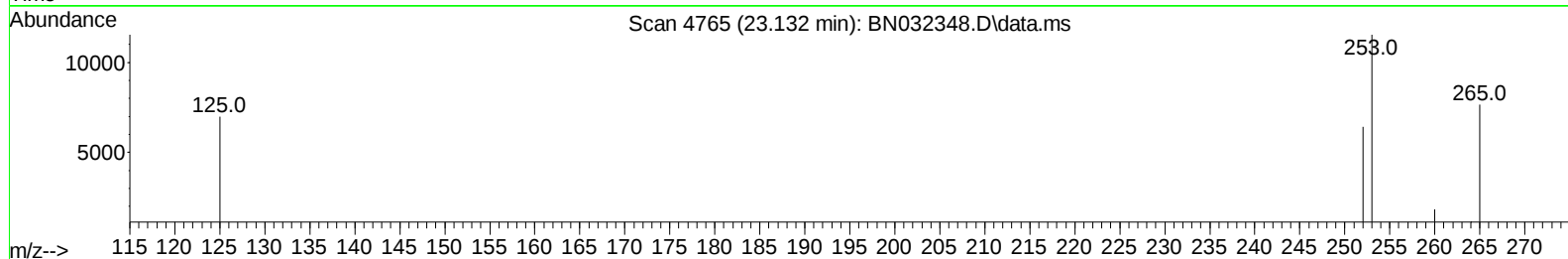
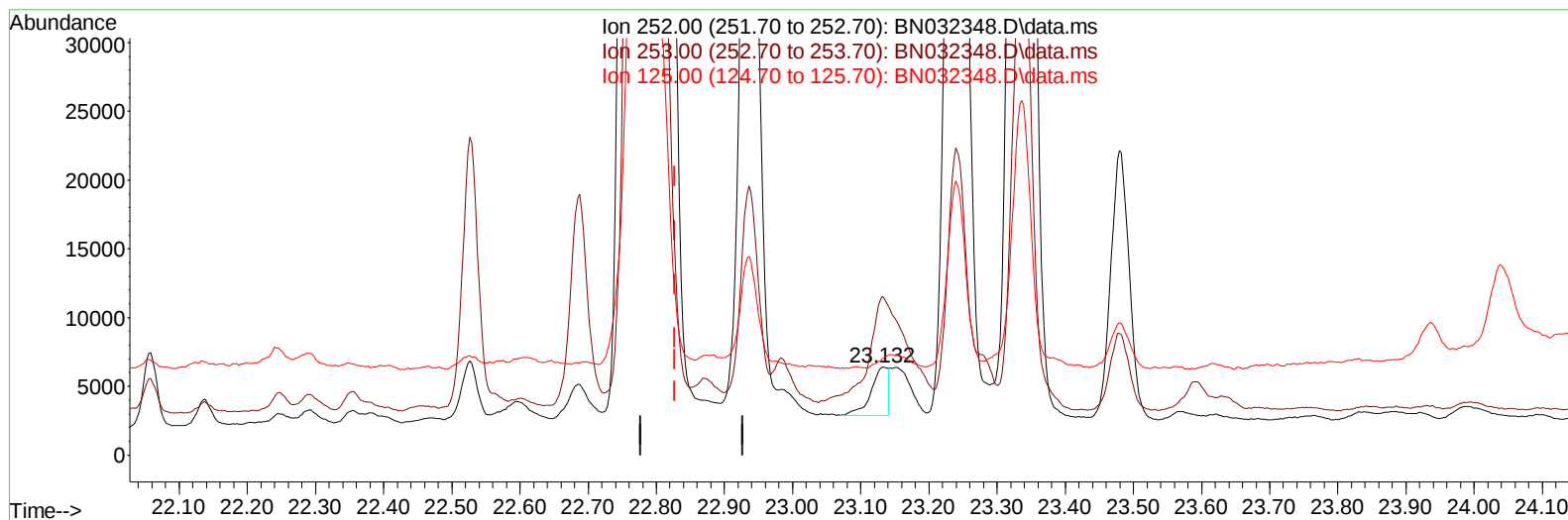
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032348.D
Acq On : 29 Jun 2024 12:53
Operator : MA/JU
Sample : P2934-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B58

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:55 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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032348.D\data.ms

(25) Benzo(k)fluoranthene

23.132min (+ 0.304) 0.06 ng/u1

response 6123

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	180.02#
125.00	16.00	108.89#
0.00	0.00	0.00

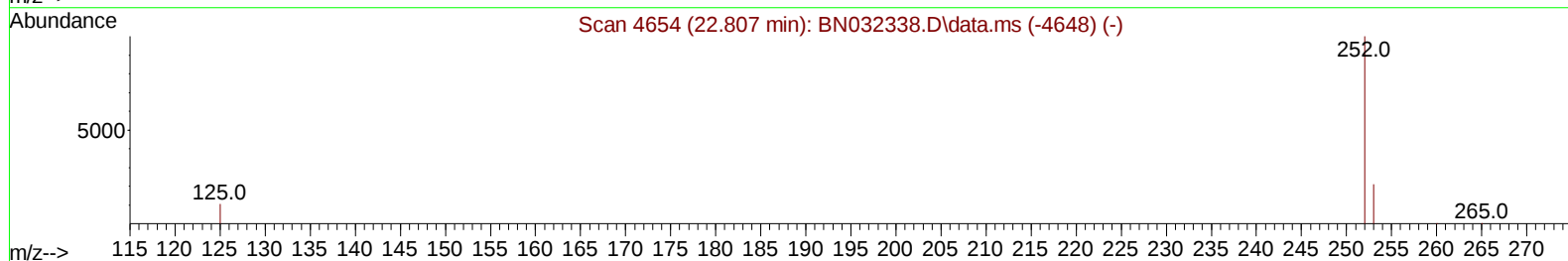
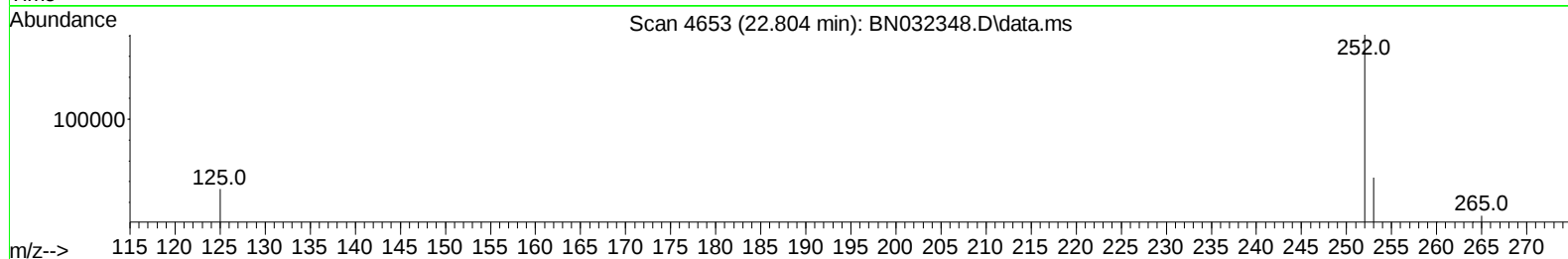
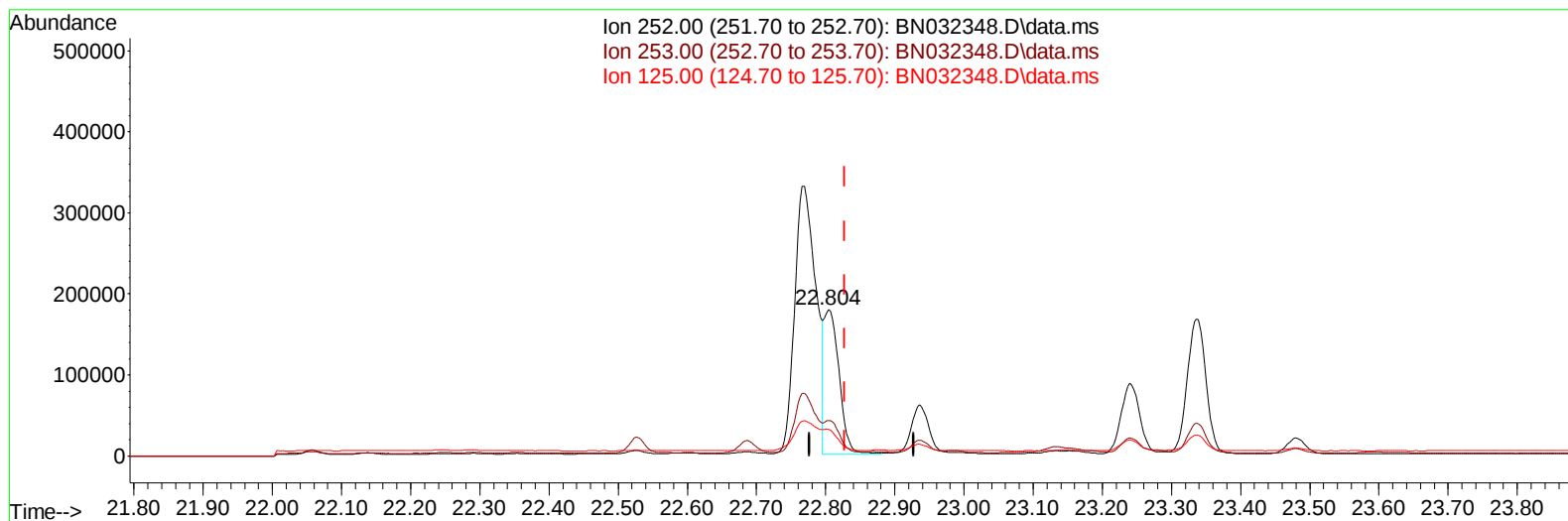
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032348.D
Acq On : 29 Jun 2024 12:53
Operator : MA/JU
Sample : P2934-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B58

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jun 30 23:04:55 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: BN032348.D\data.ms

(25) Benzo(k)fluoranthene

22.804min (-0.023) 2.71 ng/u1 m

response 267856

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	24.28
125.00	16.00	18.02
0.00	0.00	0.00

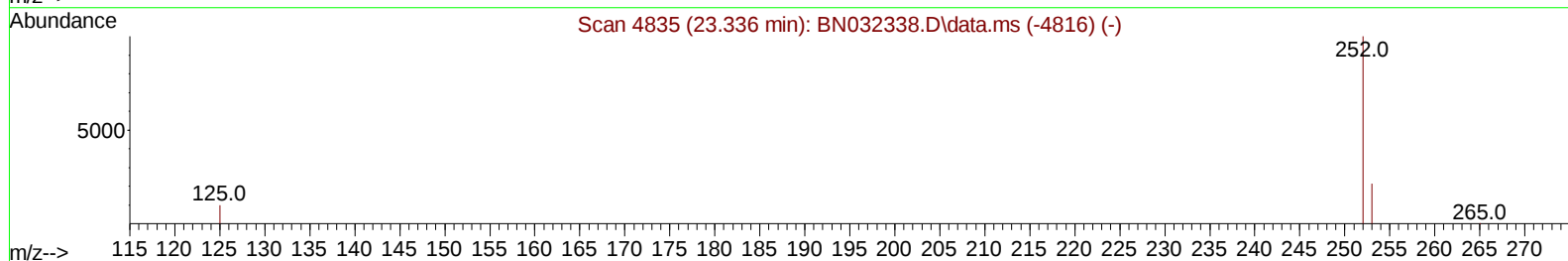
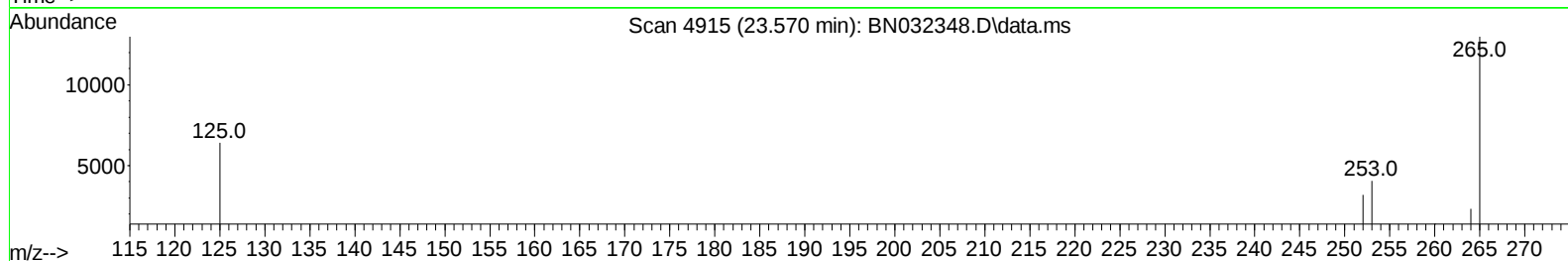
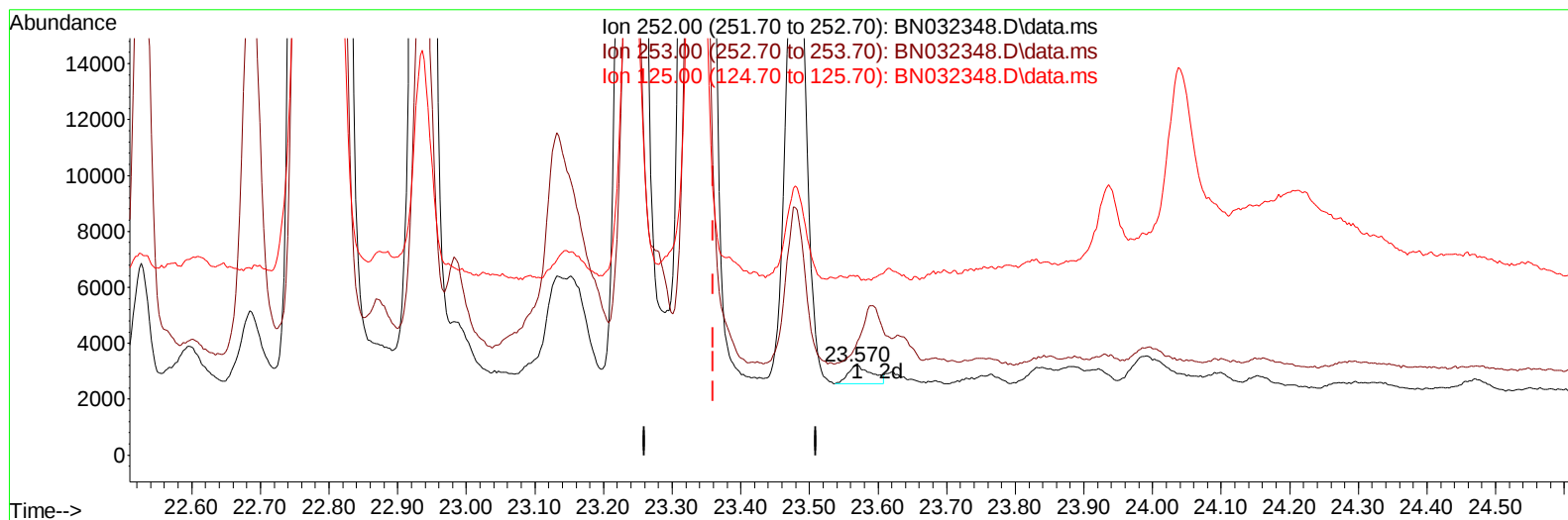
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032348.D
Acq On : 29 Jun 2024 12:53
Operator : MA/JU
Sample : P2934-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B58

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:55 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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032348.D\data.ms

(26) Benzo(a)pyrene (C)

23.570min (+ 0.210) 0.02 ng/u1

response 1584

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	127.75#
125.00	20.50	201.79#
0.00	0.00	0.00

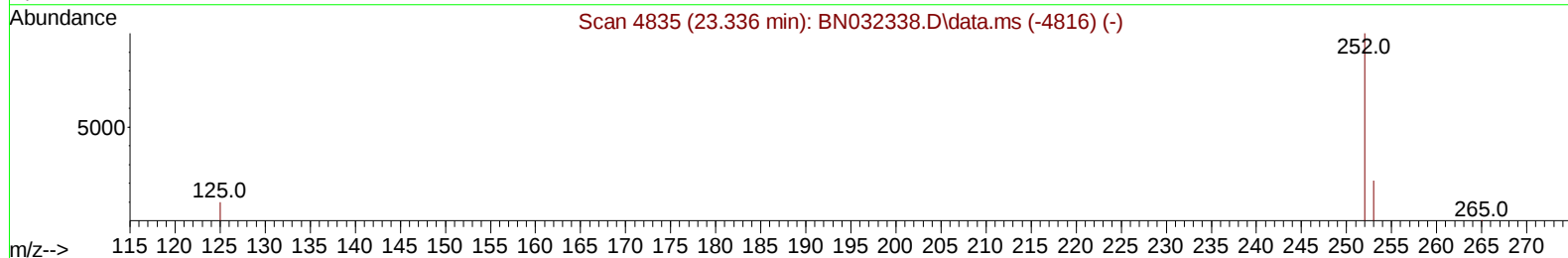
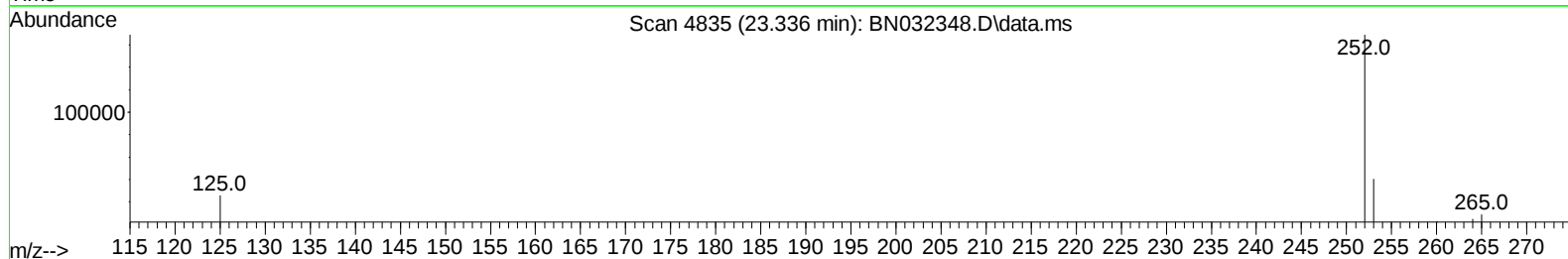
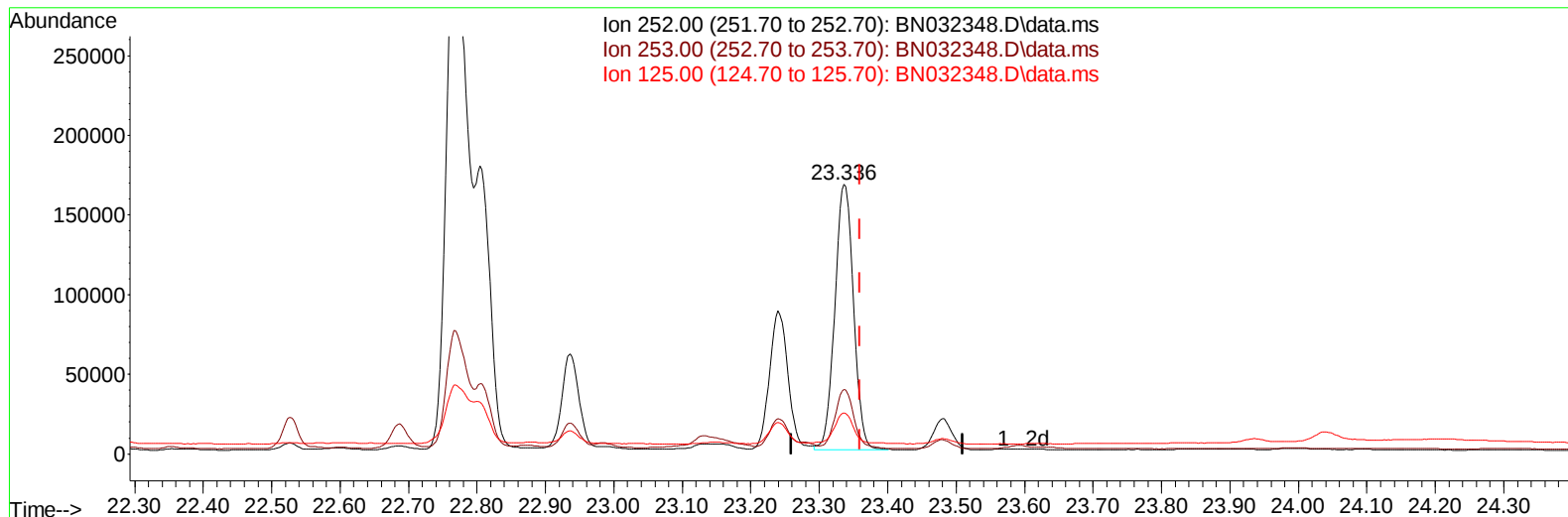
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032348.D
Acq On : 29 Jun 2024 12:53
Operator : MA/JU
Sample : P2934-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B58

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:55 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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032348.D\data.ms

(26) Benzo(a)pyrene (C)

23.336min (-0.023) 4.46 ng/u1 m

response 315414

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	23.85
125.00	20.50	15.26#
0.00	0.00	0.00

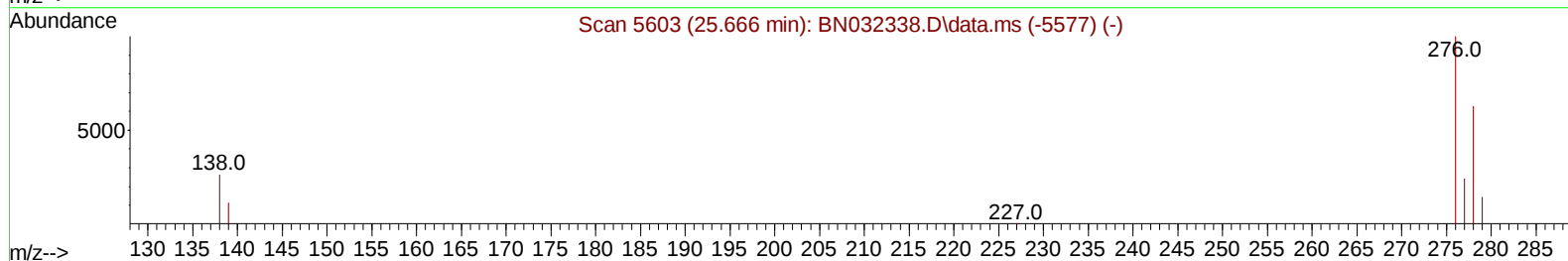
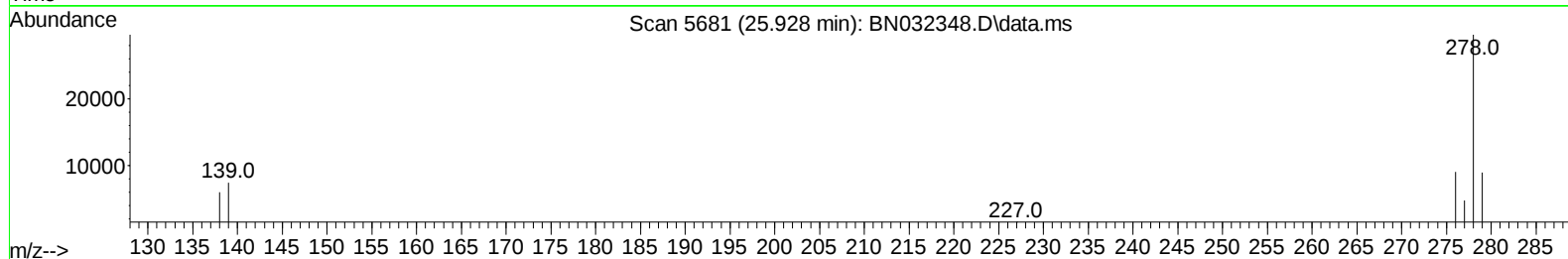
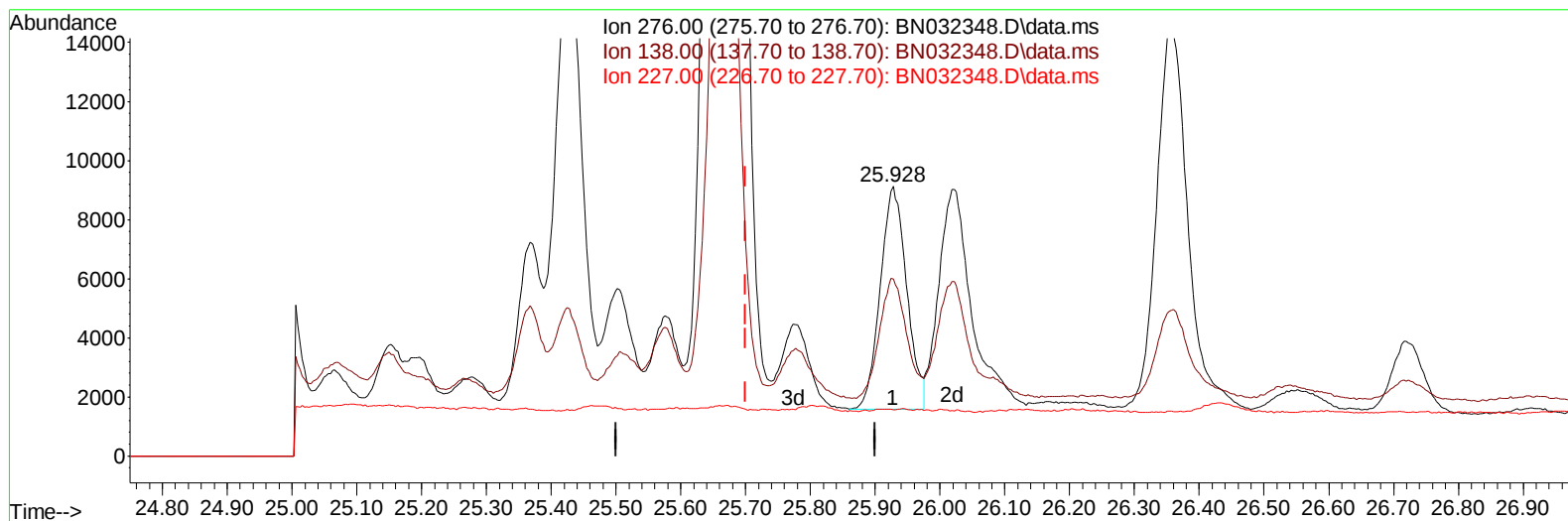
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032348.D
Acq On : 29 Jun 2024 12:53
Operator : MA/JU
Sample : P2934-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B58

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:55 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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032348.D\data.ms

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

25.928min (+ 0.228) 0.19 ng/u1

response 21457

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	55.19#
227.00	0.10	0.50#
0.00	0.00	0.00

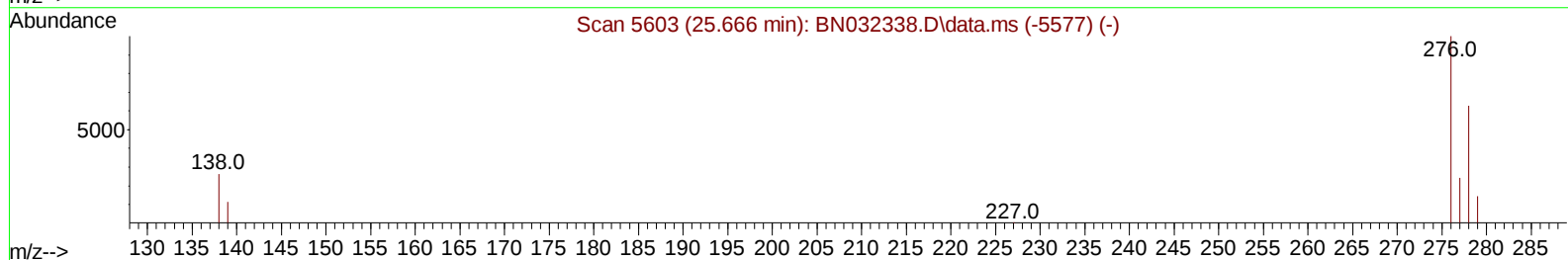
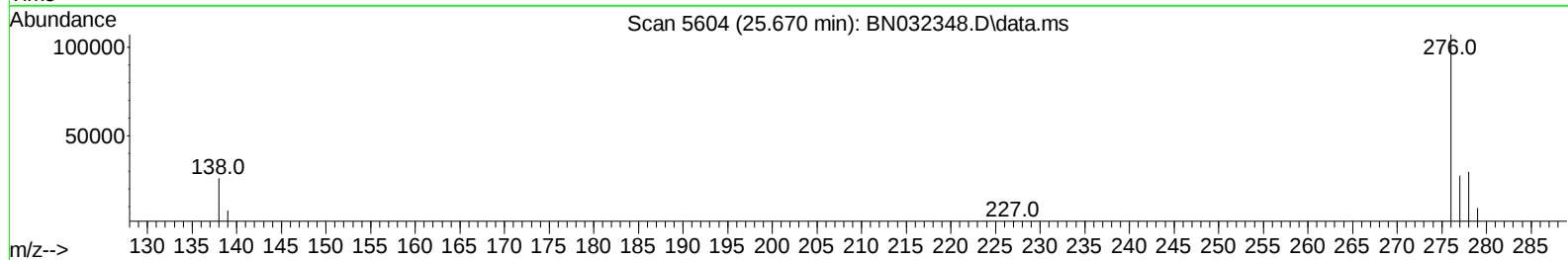
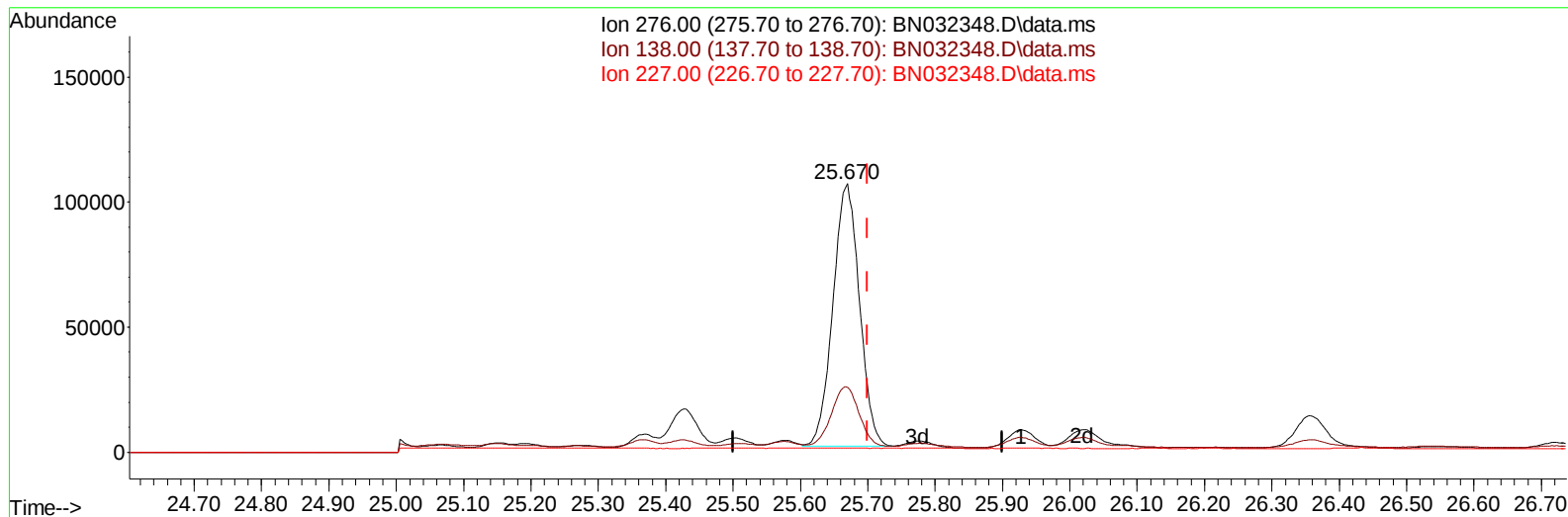
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032348.D
Acq On : 29 Jun 2024 12:53
Operator : MA/JU
Sample : P2934-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B58

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:55 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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032348.D\data.ms

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

25.670min (-0.030) 2.59 ng/u1 m

response 286832

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	4.13#
227.00	0.10	0.04#
0.00	0.00	0.00

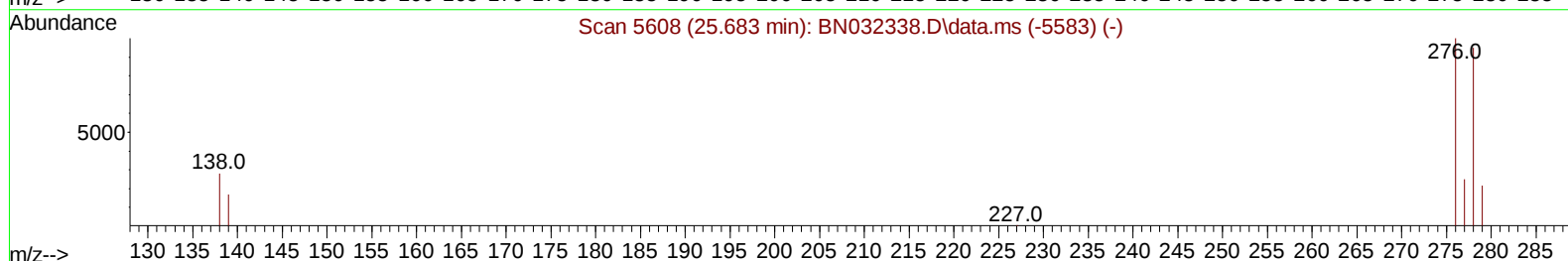
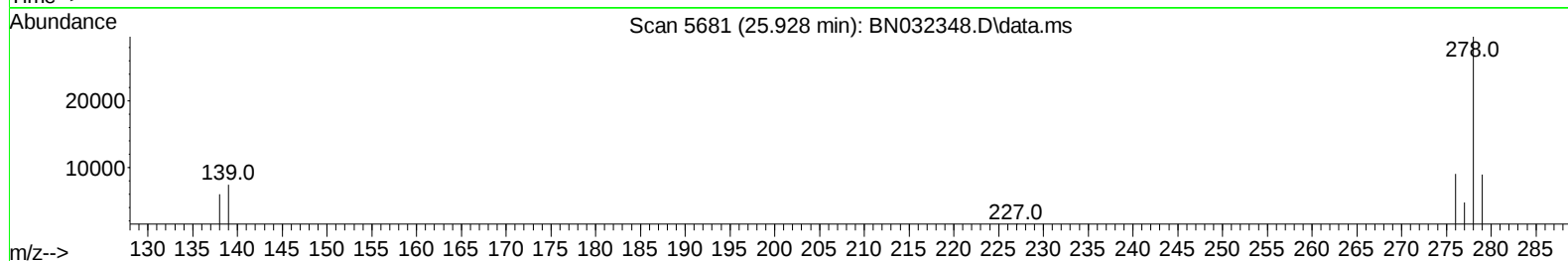
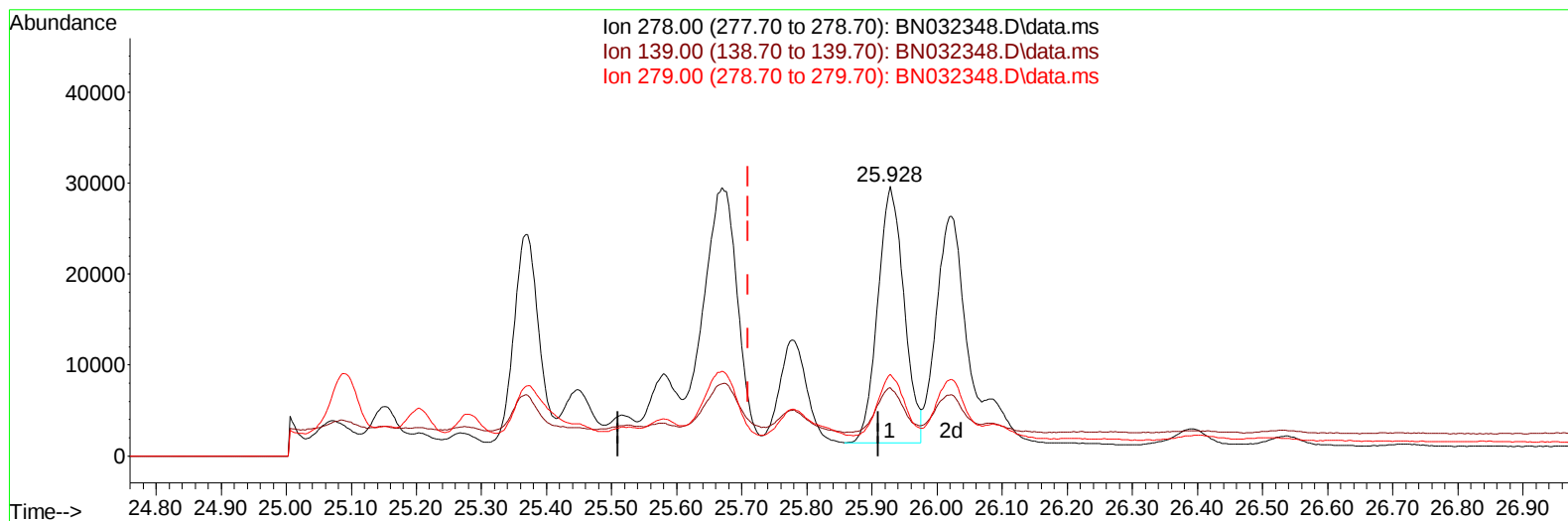
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032348.D
Acq On : 29 Jun 2024 12:53
Operator : MA/JU
Sample : P2934-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B58

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:55 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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032348.D\data.ms

(28) Dibenzo(a,h)anthracene

25.928min (+ 0.218) 0.96 ng/u1

response 79088

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	25.30#
279.00	26.40	30.31
0.00	0.00	0.00

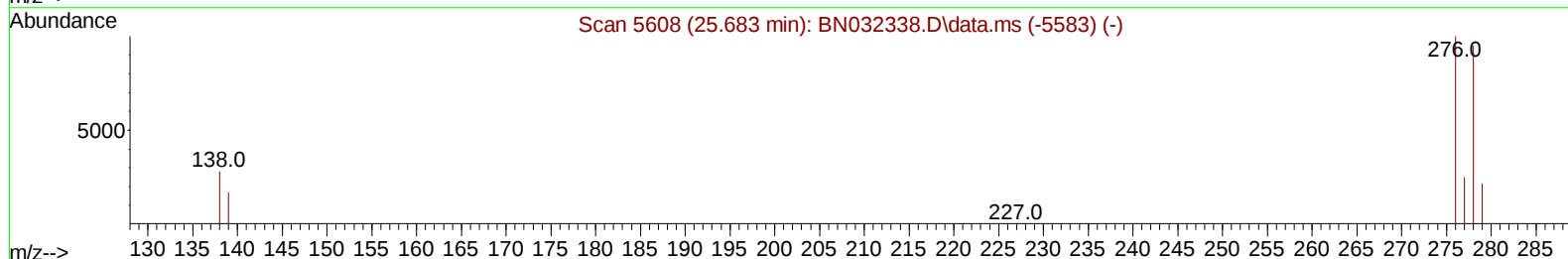
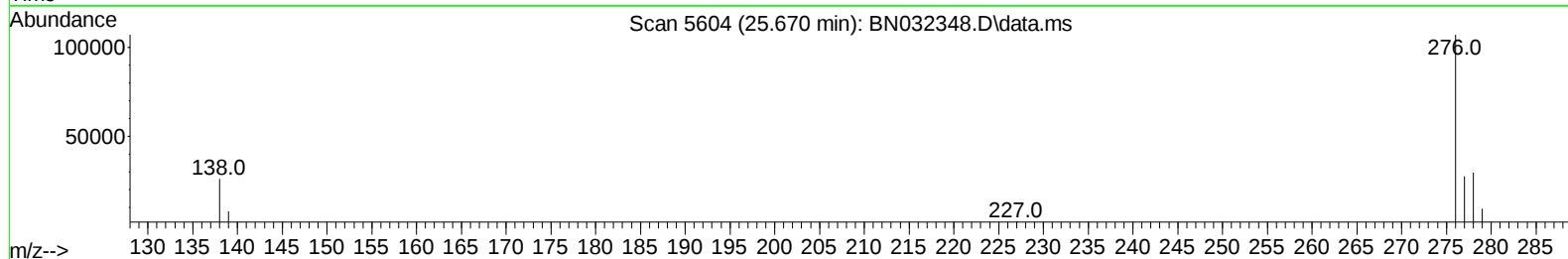
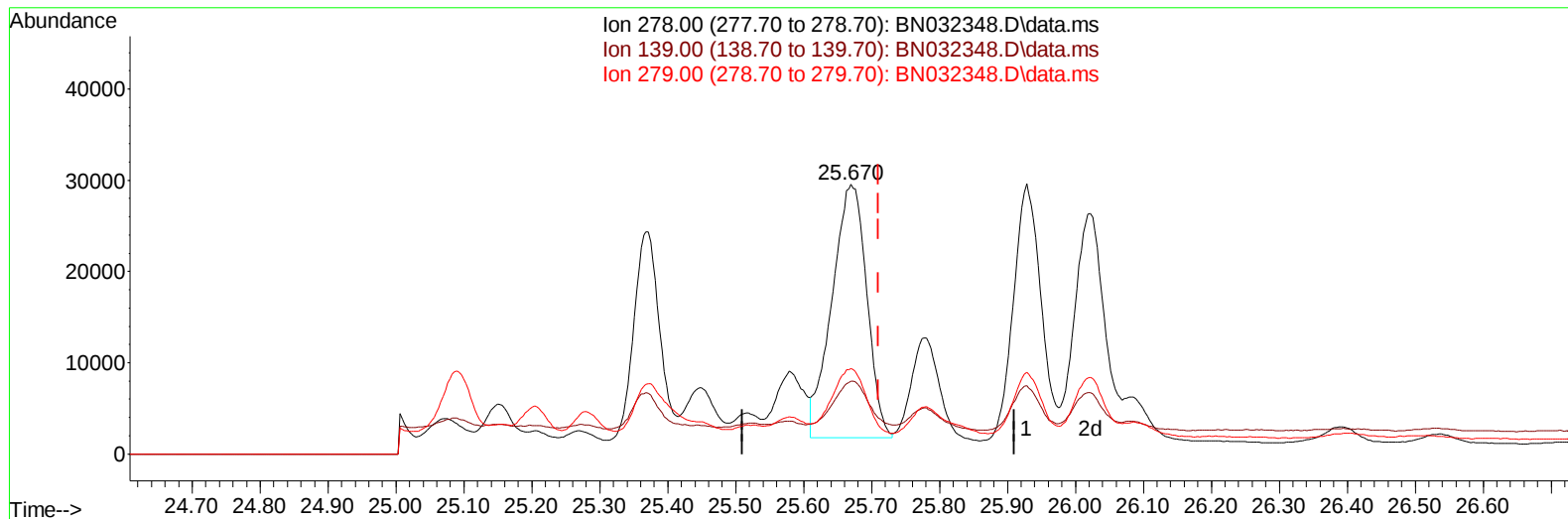
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032348.D
Acq On : 29 Jun 2024 12:53
Operator : MA/JU
Sample : P2934-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B58

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:55 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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032348.D\data.ms

(28) Dibenzo(a,h)anthracene

25.670min (-0.040) 1.20 ng/ul m

response 98969

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	26.92#
279.00	26.40	31.68
0.00	0.00	0.00

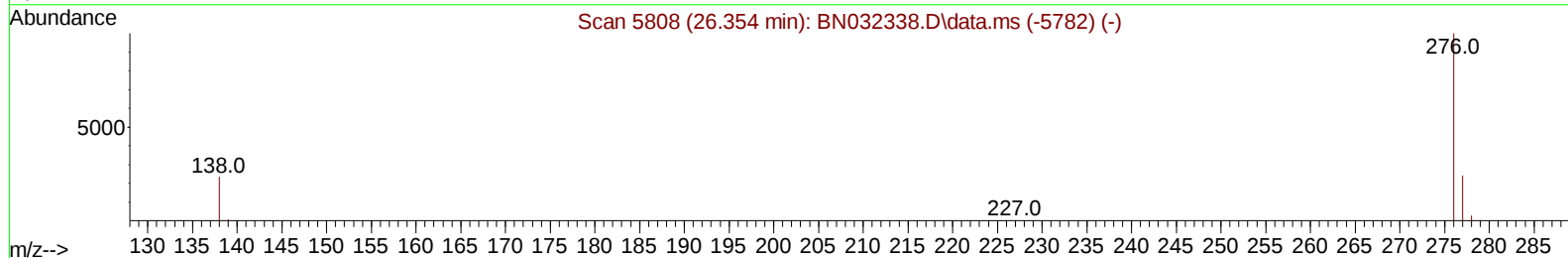
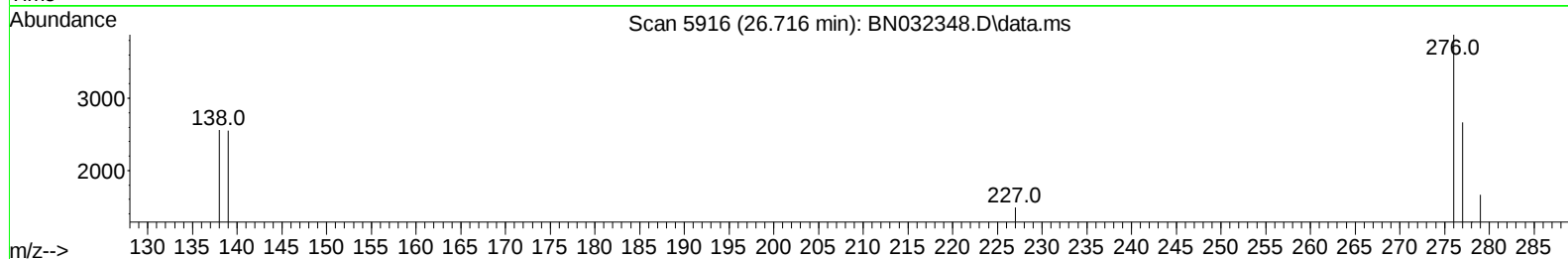
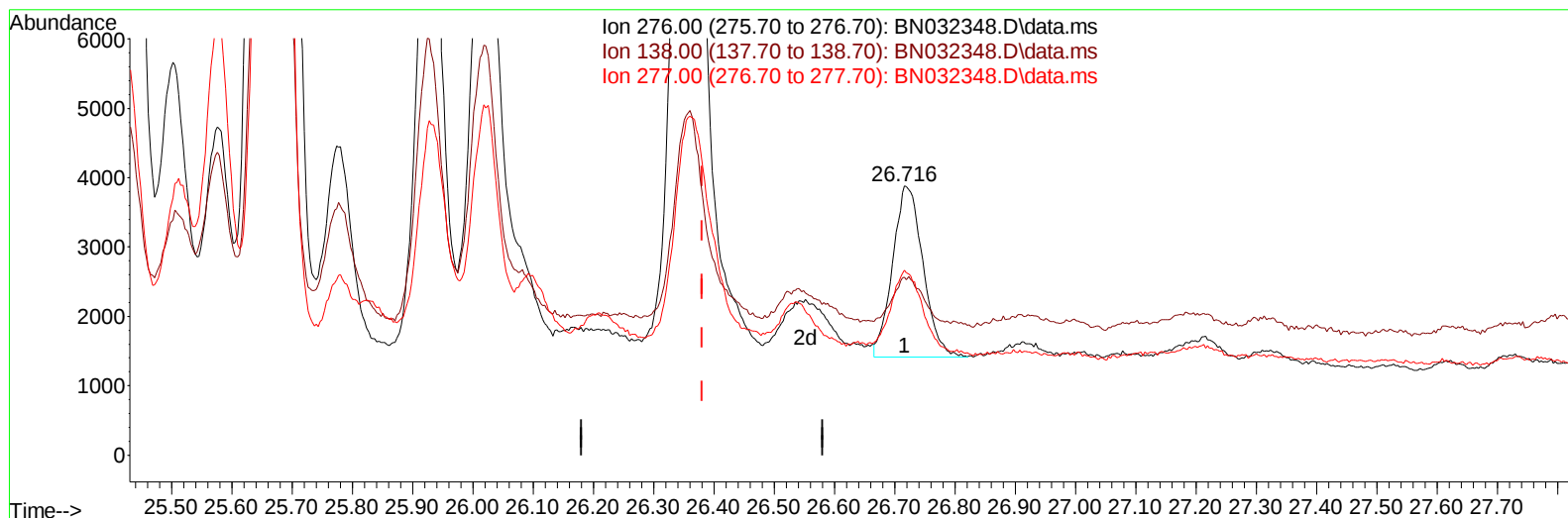
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032348.D
Acq On : 29 Jun 2024 12:53
Operator : MA/JU
Sample : P2934-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B58

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:55 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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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032348.D\data.ms

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

26.716min (+ 0.335) 0.10 ng/u1

response 8650

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	66.12#
277.00	24.70	68.67#
0.00	0.00	0.00

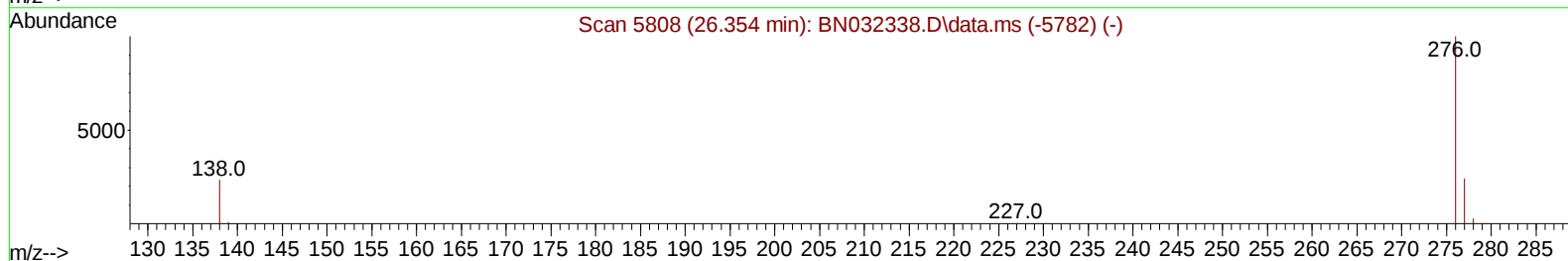
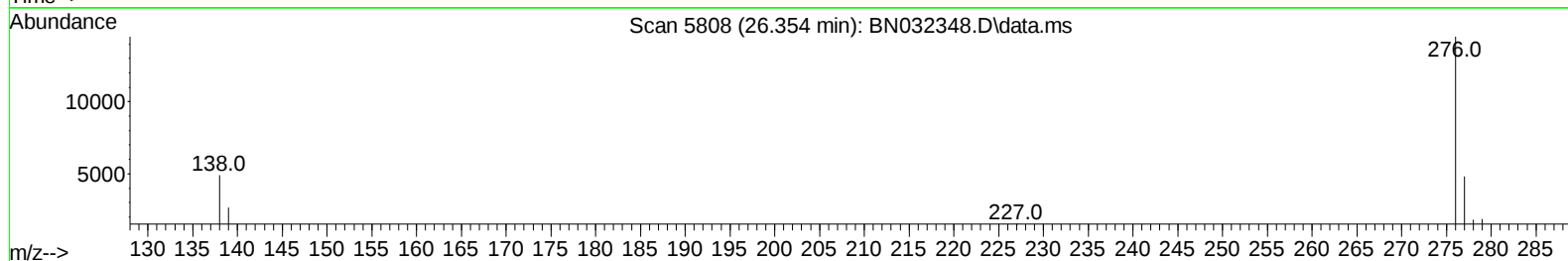
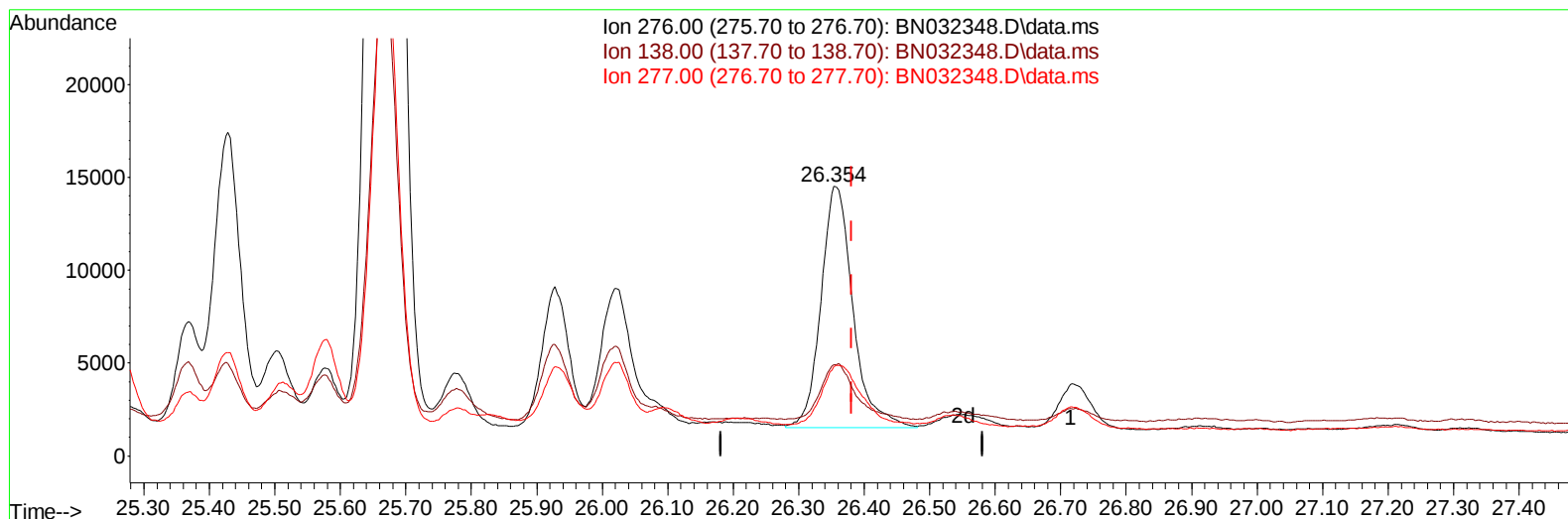
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032348.D
Acq On : 29 Jun 2024 12:53
Operator : MA/JU
Sample : P2934-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B58

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:55 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 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032348.D\data.ms

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

26.354min (-0.027) 0.50 ng/ul m

response 44234

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	33.74#
277.00	24.70	33.25#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032348.D
 Acq On : 29 Jun 2024 12:53
 Operator : MA/JU
 Sample : P2934-01
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B58

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/01/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jun 30 23:04:55 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	7.612	152	9603	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	29967	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.258	164	16902	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.012	188	31502m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.214	240	18773m	0.400	ng/ul	-0.01
23) Perylene-d12	23.433	264	23417m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	34518	3.234	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.982	152	10487	0.233	ng/ul	-0.02
18) Fluoranthene-d10	19.050	212	17060m	0.302	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.437	128	43570	0.549	ng/ul	99
7) 2-Methylnaphthalene	12.059	142	17172	0.327	ng/ul	98
8) 1-Methylnaphthalene	12.279	142	14616	0.268	ng/ul	99
10) Acenaphthylene	13.980	152	41949	0.597	ng/ul	98
11) Acenaphthene	14.323	153	58405	1.071	ng/ul	98
12) Fluorene	15.313	166	59963	0.922	ng/ul	99
15) Phenanthrene	17.054	178	883008m	10.224	ng/ul	
16) Anthracene	17.147	178	165590m	2.150	ng/ul	
19) Fluoranthene	19.078	202	1189838m	16.644	ng/ul	
20) Pyrene	19.445	202	902157m	12.076	ng/ul	
21) Benzo(a)anthracene	21.200	228	526924m	7.777	ng/ul	
22) Chrysene	21.249	228	550808m	7.406	ng/ul	
24) Benzo(b)fluoranthene	22.766	252	720598m	7.083	ng/ul	
25) Benzo(k)fluoranthene	22.804	252	267856m	2.710	ng/ul	
26) Benzo(a)pyrene	23.336	252	315414m	4.456	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.670	276	286832m	2.588	ng/ul	
28) Dibenzo(a,h)anthracene	25.670	278	98969m	1.202	ng/ul	
29) Benzo(g,h,i)perylene	26.354	276	44234m	0.501	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032348.D
Acq On : 29 Jun 2024 12:53
Operator : MA/JU
Sample : P2934-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B58

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:55 2024
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