

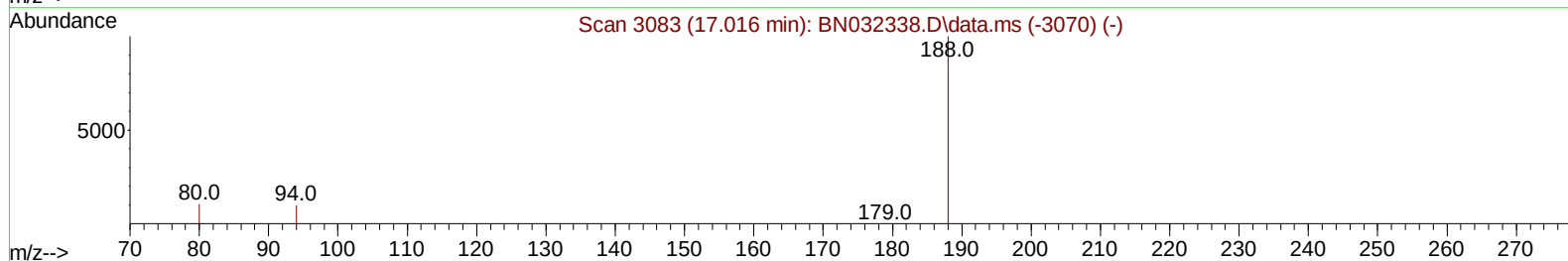
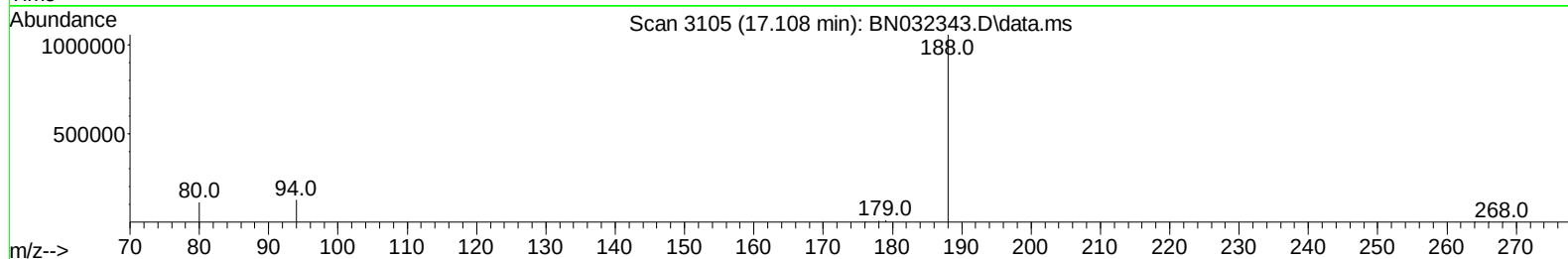
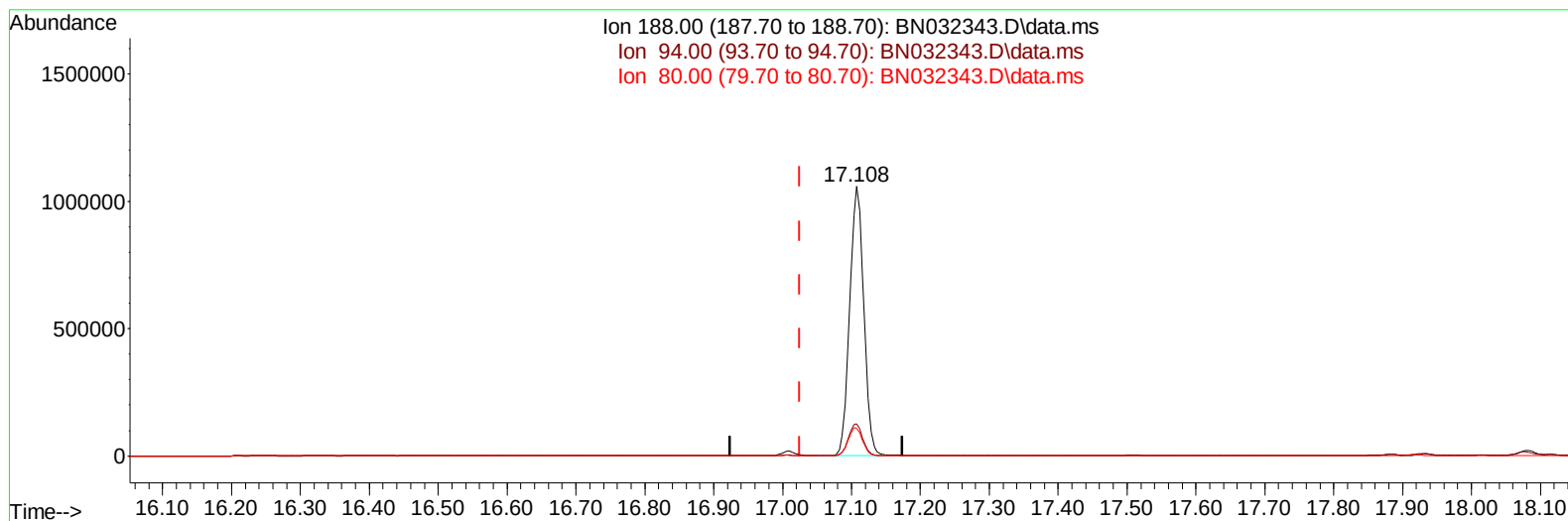
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032343.D
Acq On : 29 Jun 2024 09:53
Operator : MA/JU
Sample : P2934-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ0

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:05 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 :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032343.D\data.ms

(13) Phenanthrene-d10 (I)

17.108min (+ 0.083) 0.40 ng/u1

response 1504841

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.81
80.00	10.50	10.39
0.00	0.00	0.00

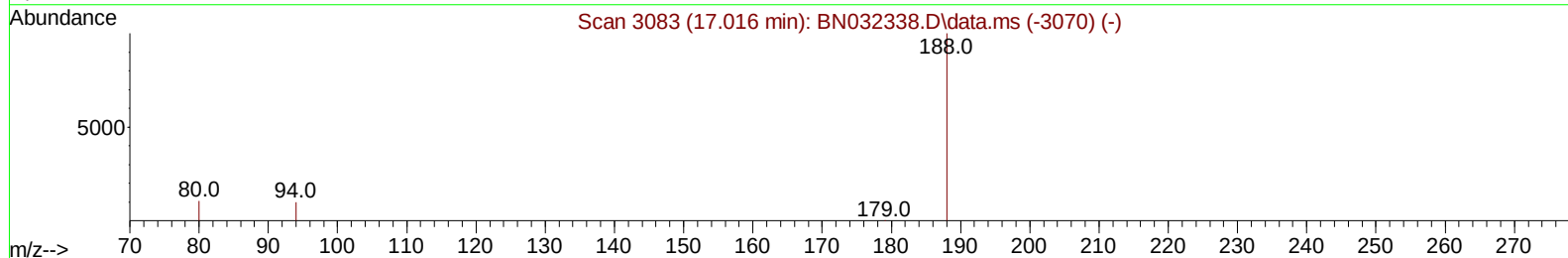
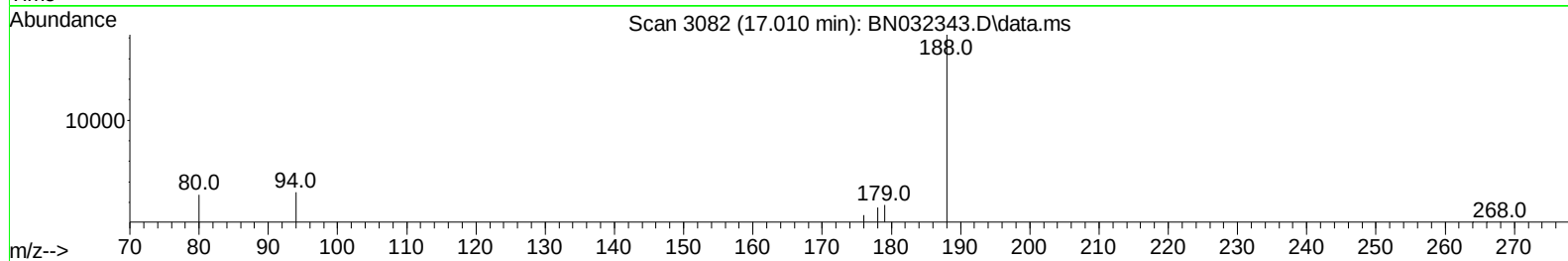
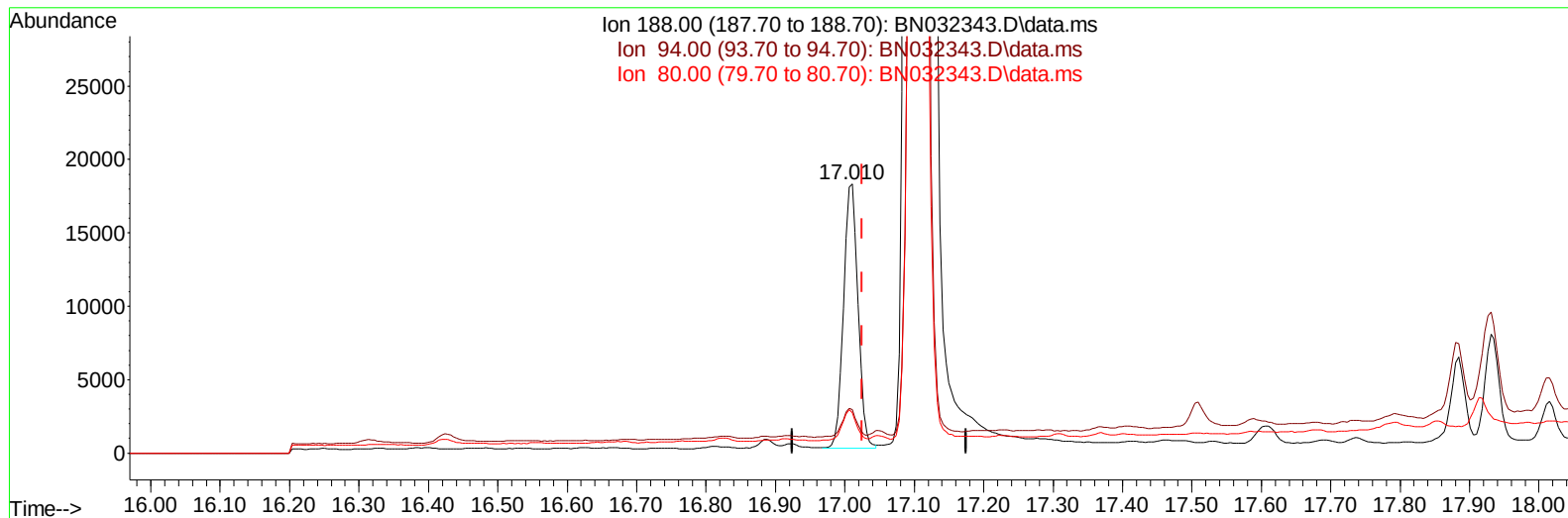
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032343.D
Acq On : 29 Jun 2024 09:53
Operator : MA/JU
Sample : P2934-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ0

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:05 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 :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032343.D\data.ms

(13) Phenanthrene-d10 (I)

17.010min (-0.014) 0.40 ng/ul m

response 25966

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	16.28#
80.00	10.50	15.08#
0.00	0.00	0.00

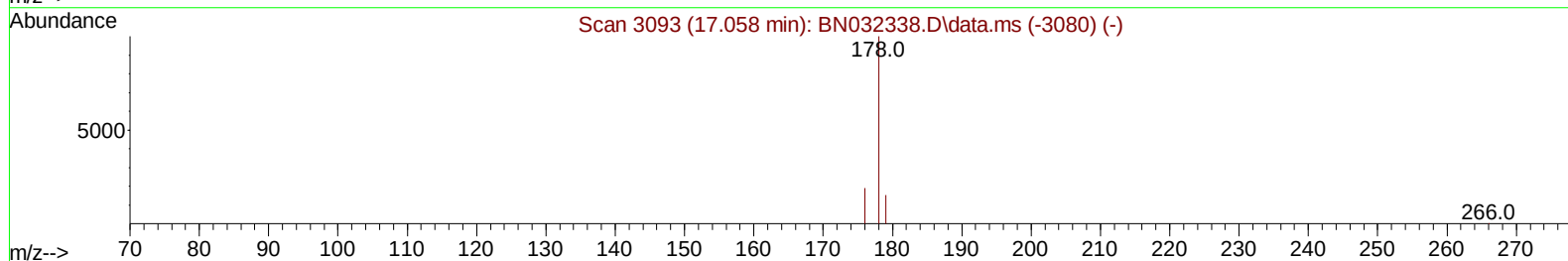
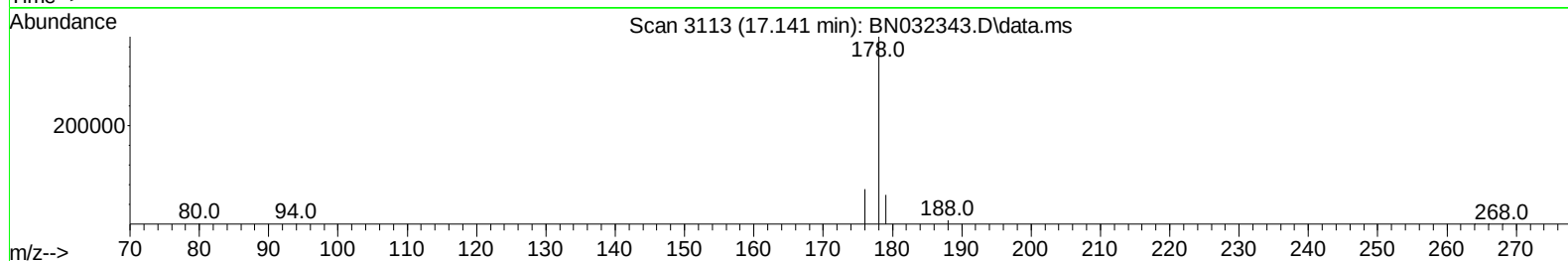
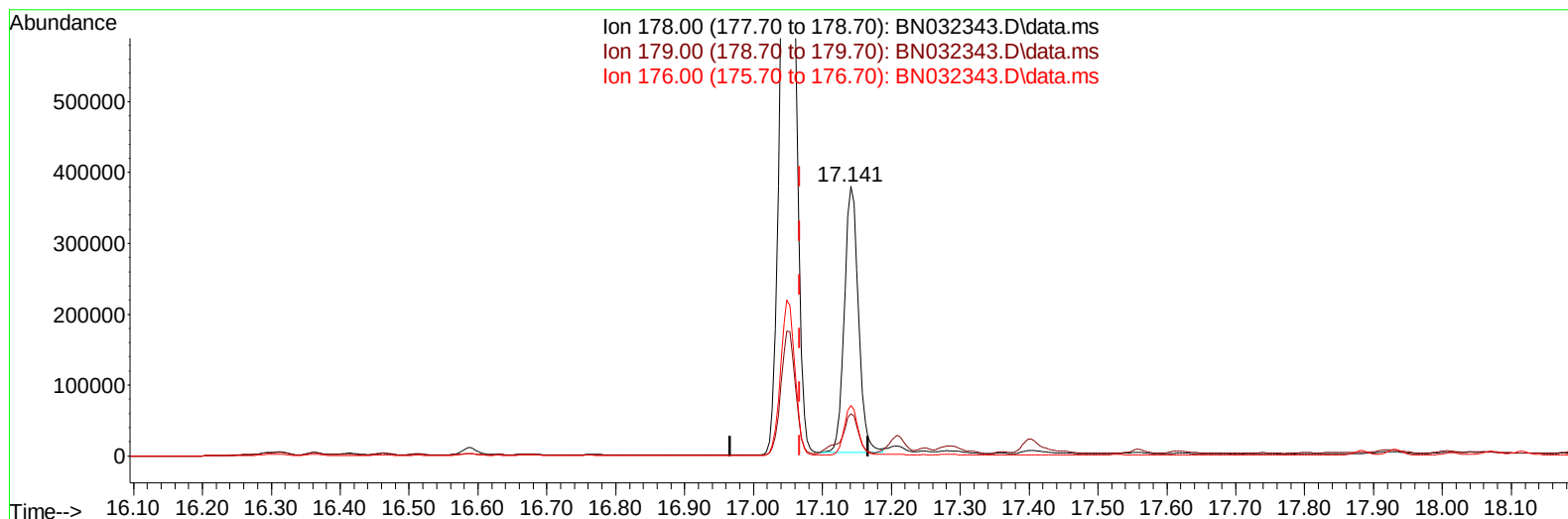
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032343.D
Acq On : 29 Jun 2024 09:53
Operator : MA/JU
Sample : P2934-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ0

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:05 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 :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032343.D\data.ms

(15) Phenanthrene

17.141min (+ 0.075) 7.47 ng/u1

response 531855

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.67
176.00	19.50	18.70
0.00	0.00	0.00

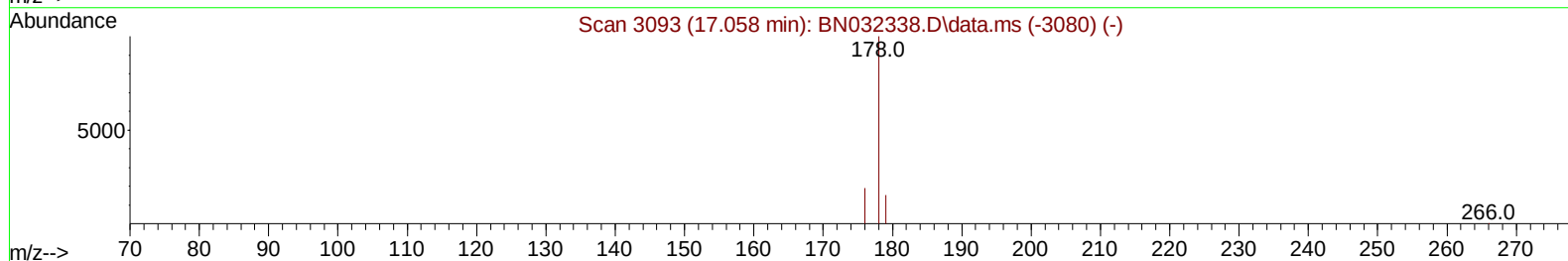
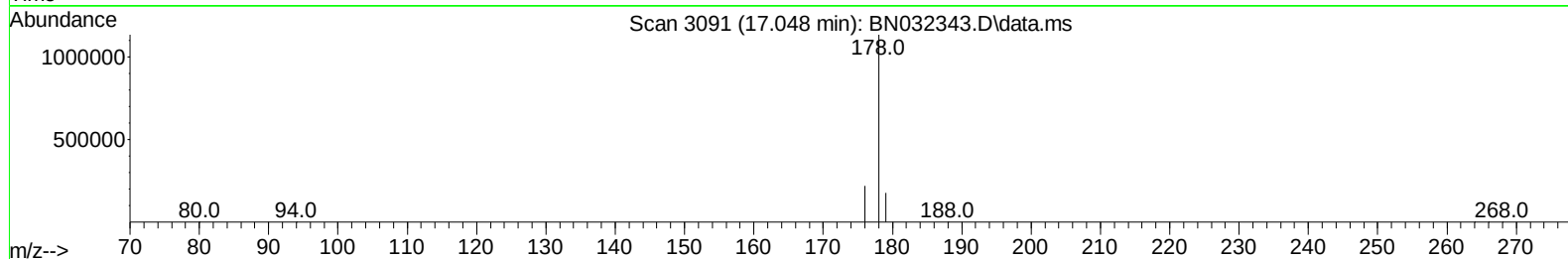
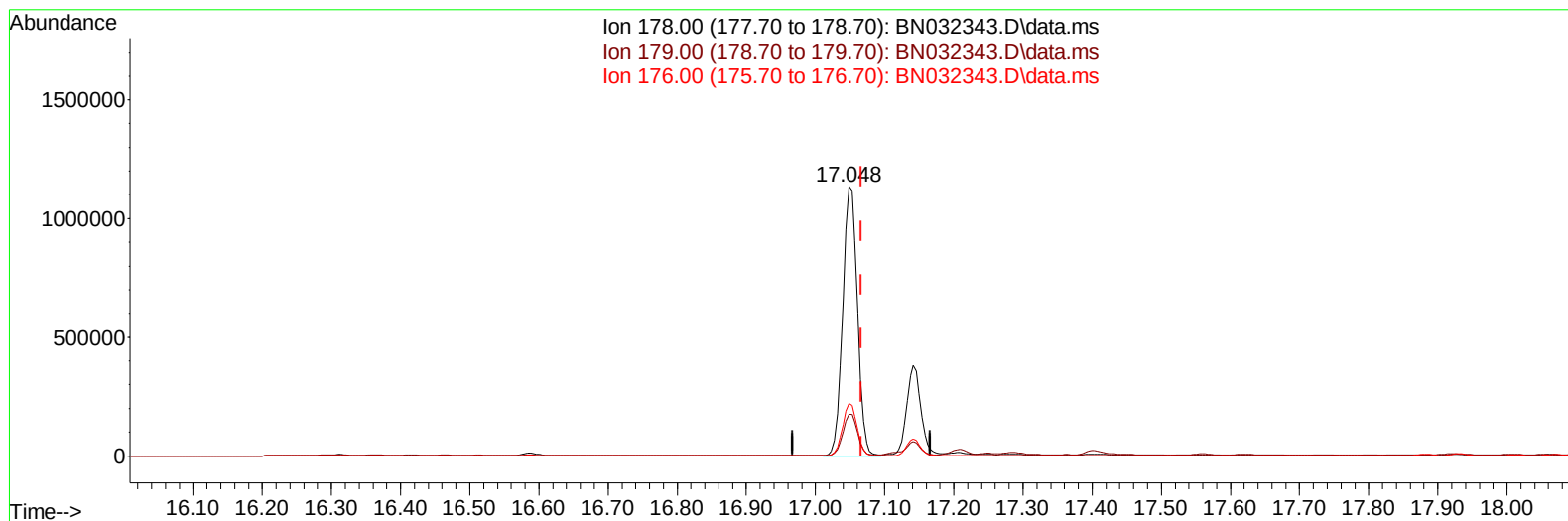
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032343.D
 Acq On : 29 Jun 2024 09:53
 Operator : MA/JU
 Sample : P2934-14
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ0

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:05 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 :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024



TIC: BN032343.D\data.ms

(15) Phenanthrene

17.048min (-0.018) 23.48 ng/ul m

response 1671173

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.57
176.00	19.50	19.41
0.00	0.00	0.00

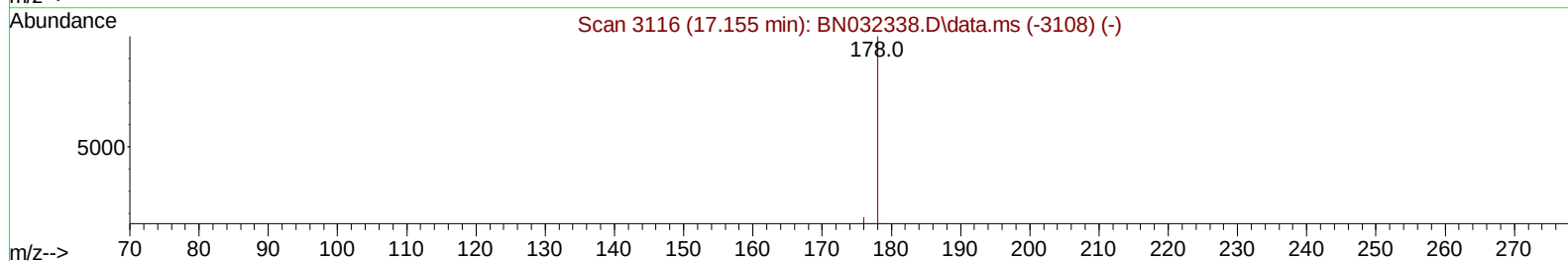
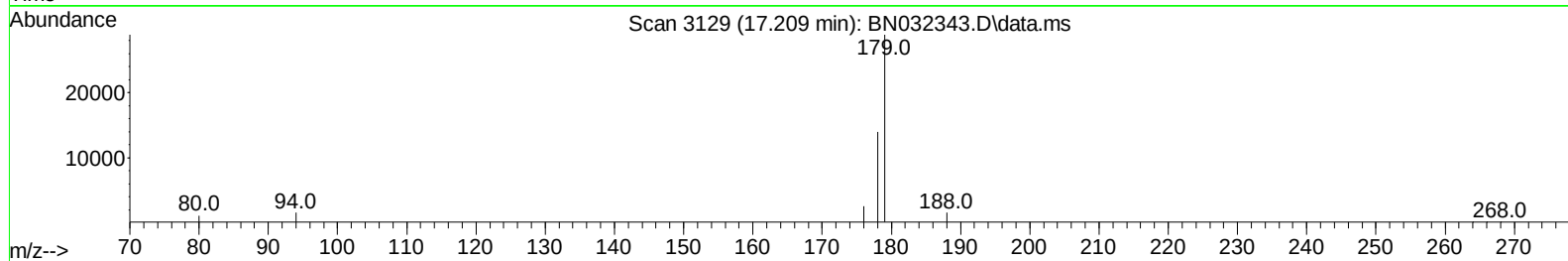
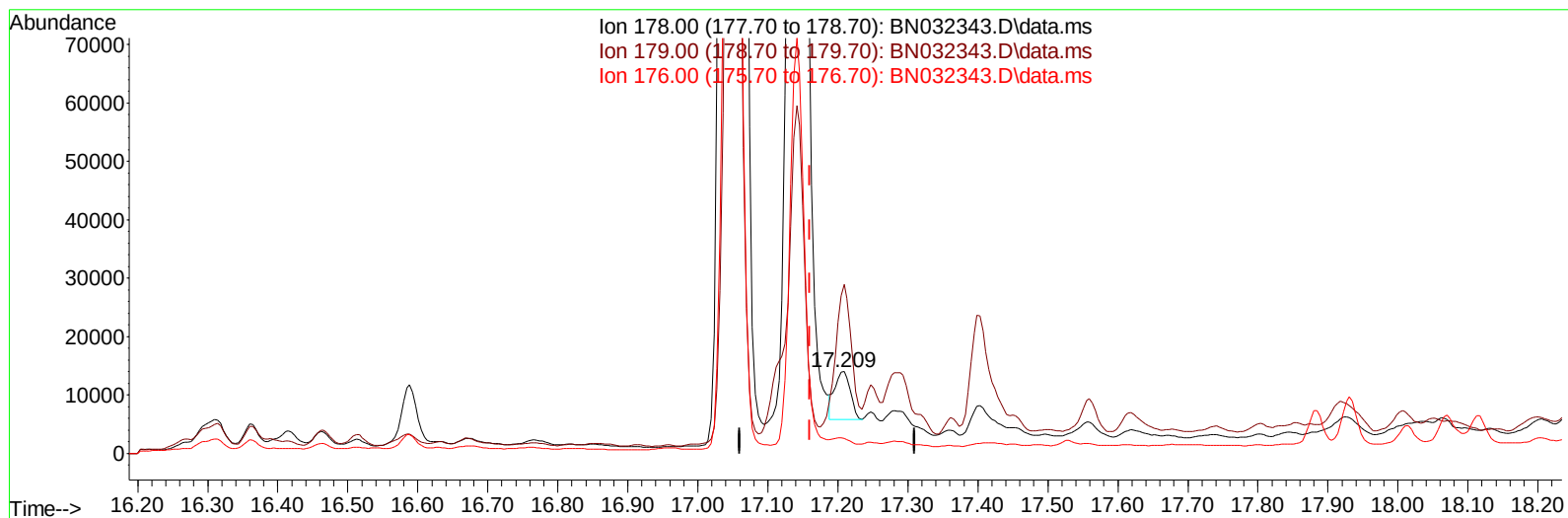
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032343.D
Acq On : 29 Jun 2024 09:53
Operator : MA/JU
Sample : P2934-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ0

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:05 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 :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032343.D\data.ms

(16) Anthracene

17.209min (+ 0.049) 0.20 ng/u1

response 12632

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	206.59#
176.00	18.80	18.35
0.00	0.00	0.00

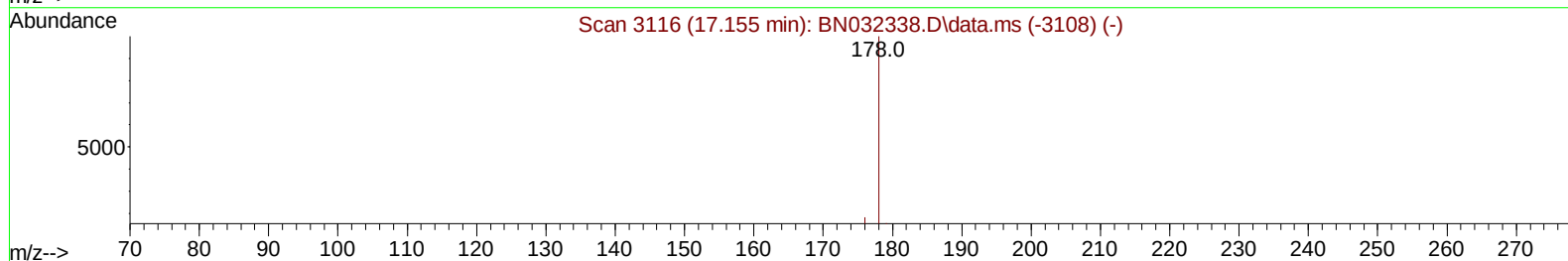
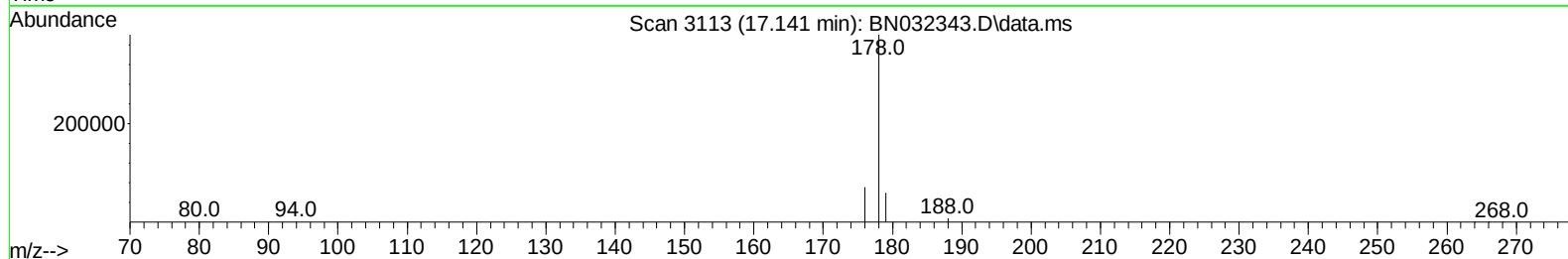
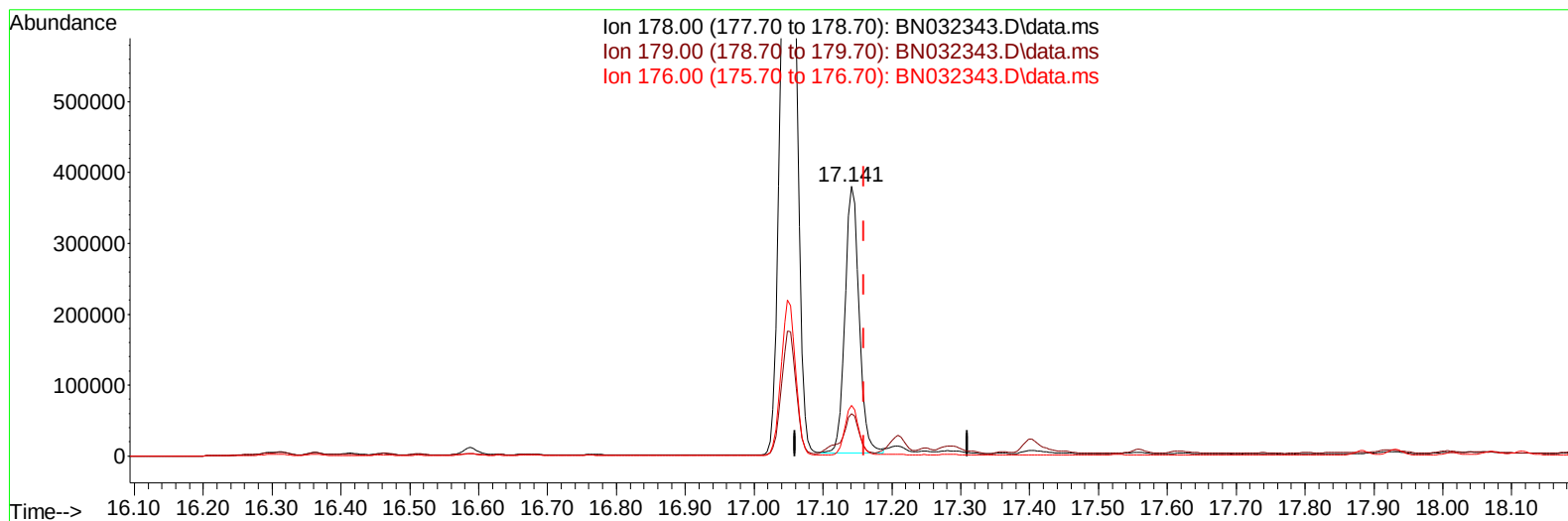
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032343.D
Acq On : 29 Jun 2024 09:53
Operator : MA/JU
Sample : P2934-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ0

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:05 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 :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032343.D\data.ms

(16) Anthracene

17.141min (-0.018) 8.42 ng/ul m

response 534614

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	15.67
176.00	18.80	18.70
0.00	0.00	0.00

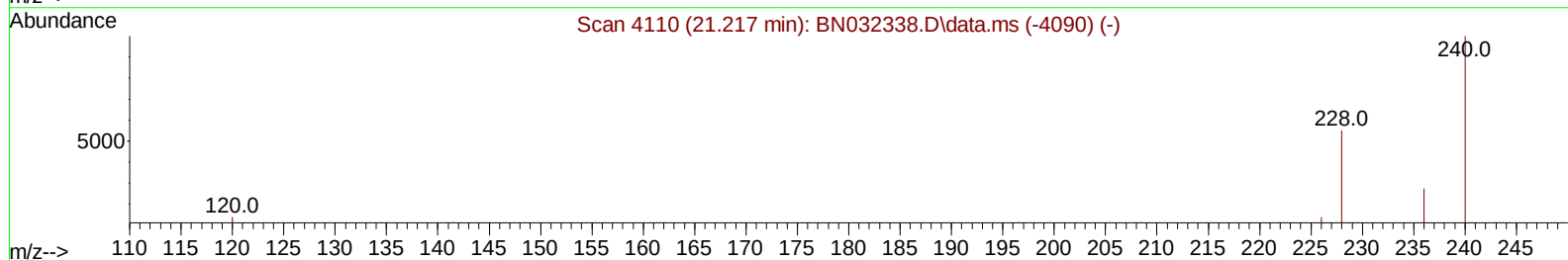
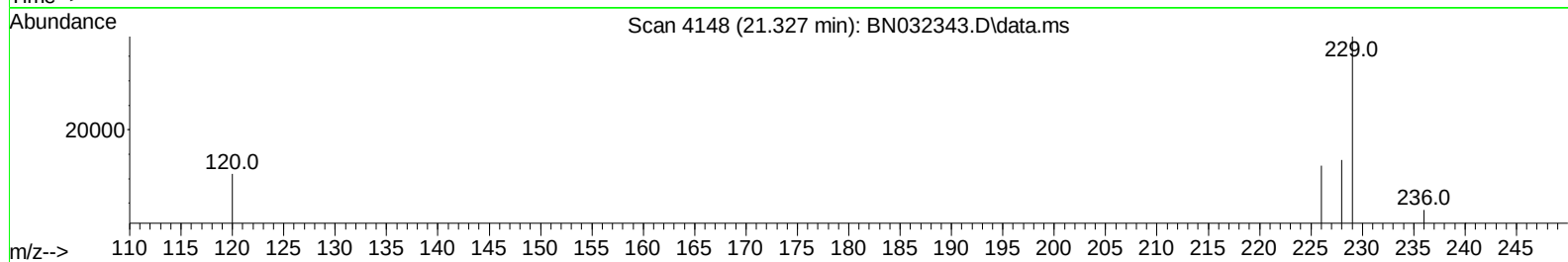
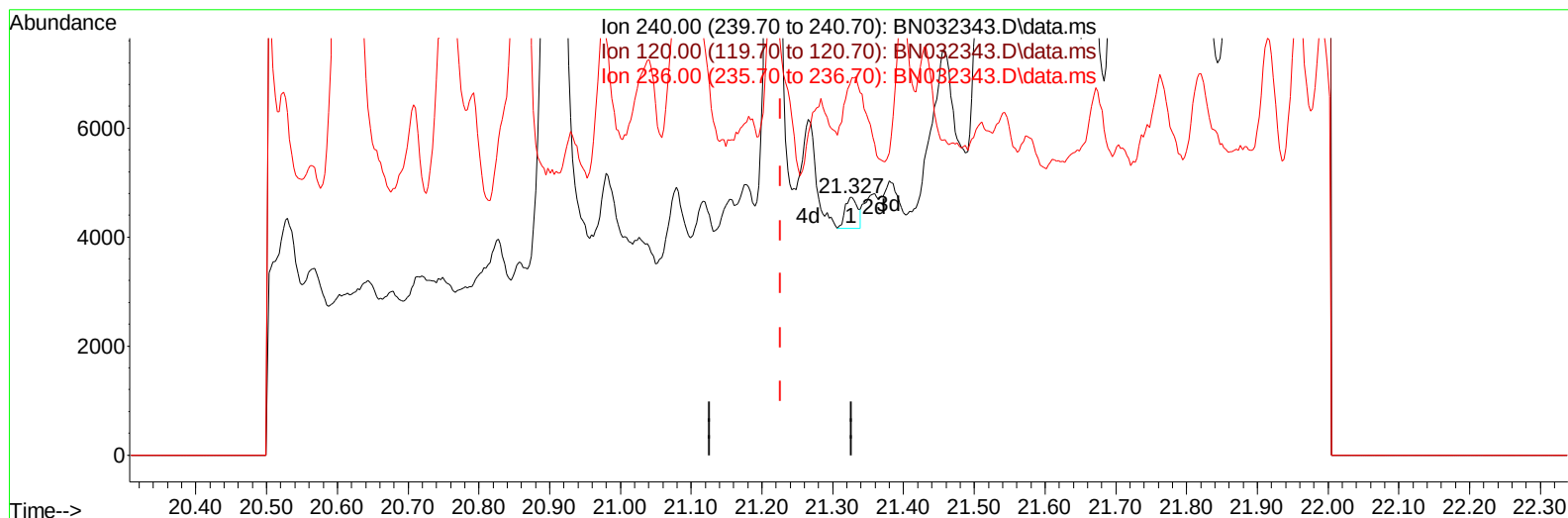
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032343.D
Acq On : 29 Jun 2024 09:53
Operator : MA/JU
Sample : P2934-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ0

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:05 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 :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032343.D\data.ms

(17) Chrysene-d12

21.327min (+ 0.101) 0.40 ng/u1

response 711

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	270.76#
236.00	28.40	146.68#
0.00	0.00	0.00

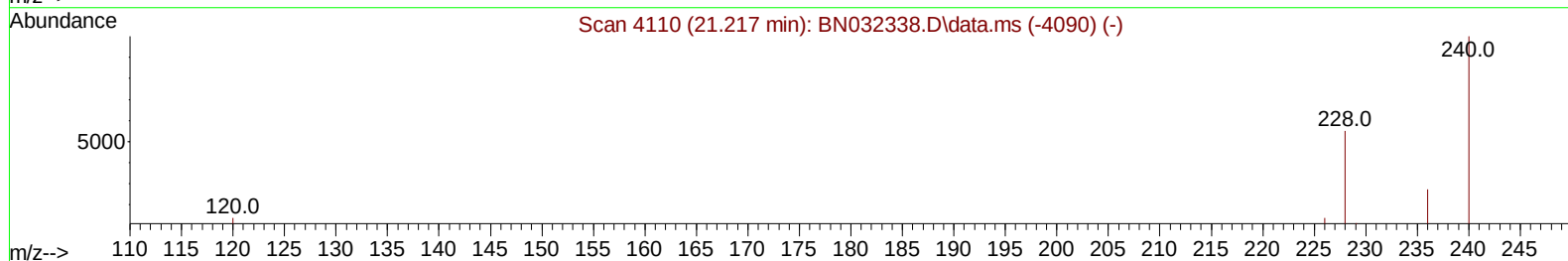
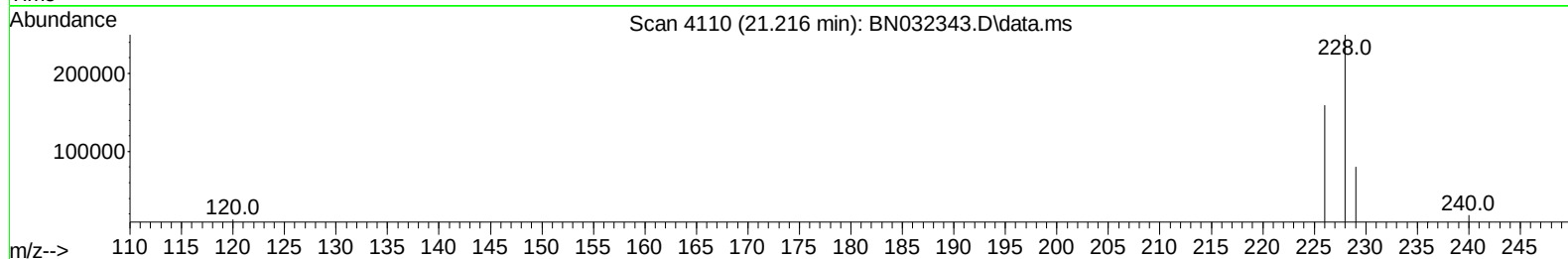
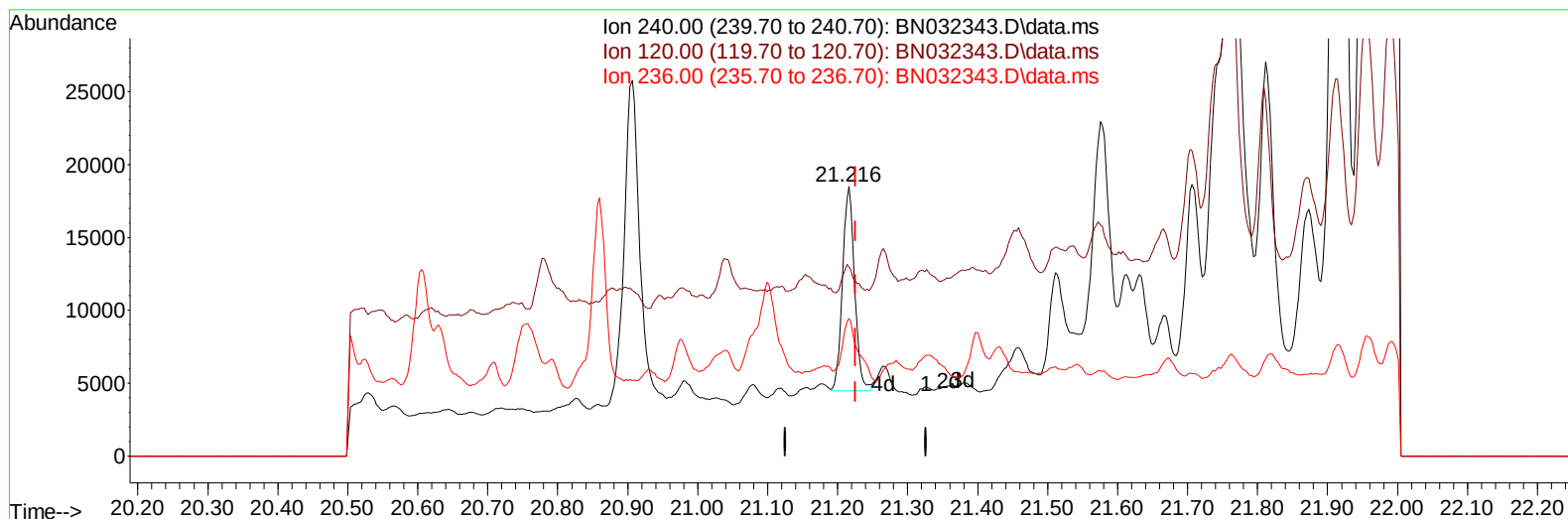
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032343.D
Acq On : 29 Jun 2024 09:53
Operator : MA/JU
Sample : P2934-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ0

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:05 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 :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032343.D\data.ms

(17) Chrysene-d12

21.216min (-0.010) 0.40 ng/ul m

response 16749

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	70.09#
236.00	28.40	51.09#
0.00	0.00	0.00

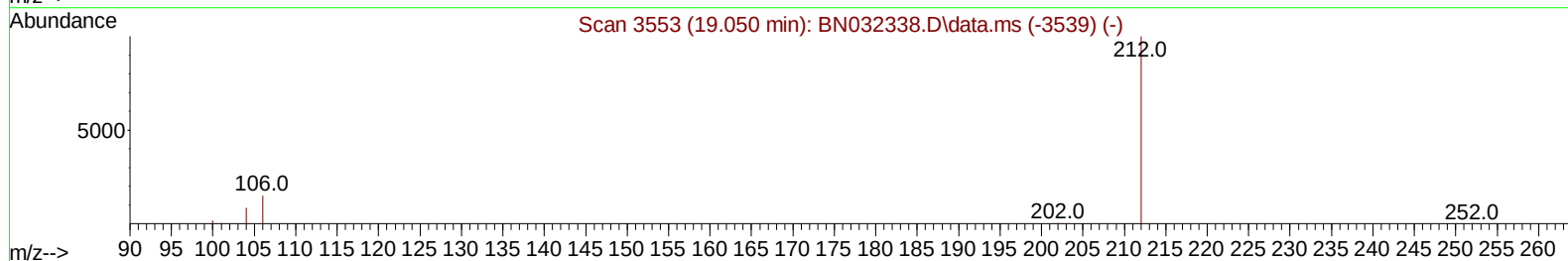
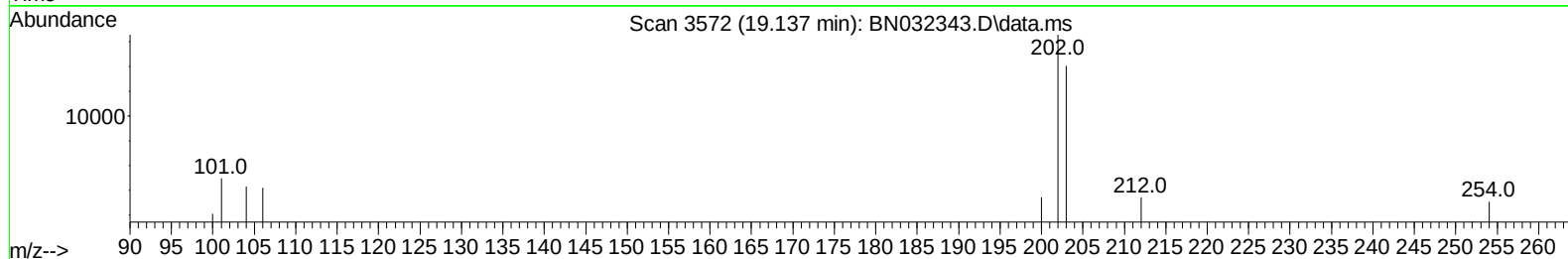
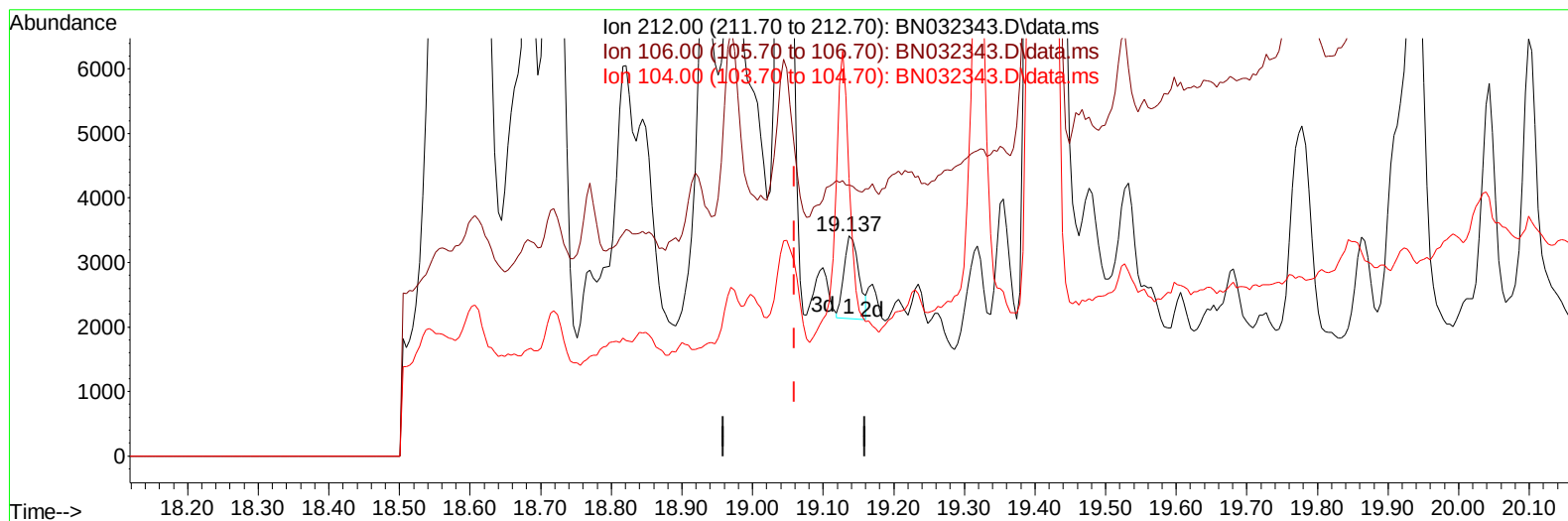
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032343.D
Acq On : 29 Jun 2024 09:53
Operator : MA/JU
Sample : P2934-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ0

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:05 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 :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032343.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.137min (+ 0.078) 0.04 ng/u1

response 1877

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	132.50#
104.00	8.40	374.80#
0.00	0.00	0.00

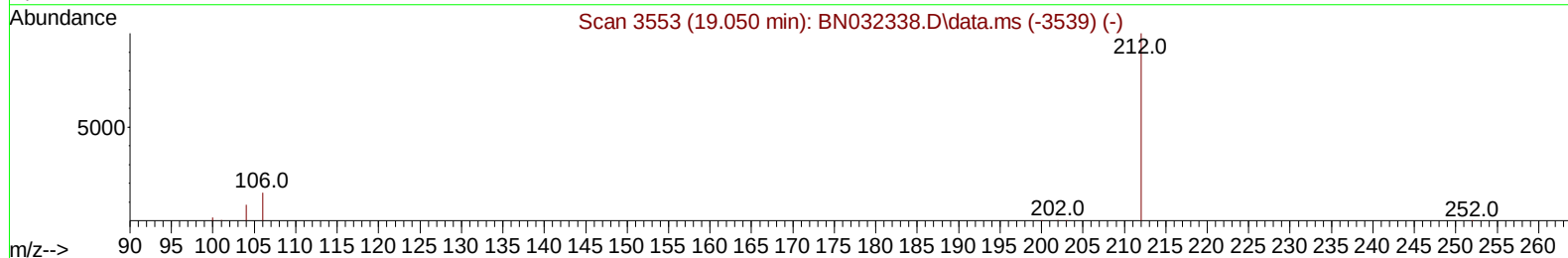
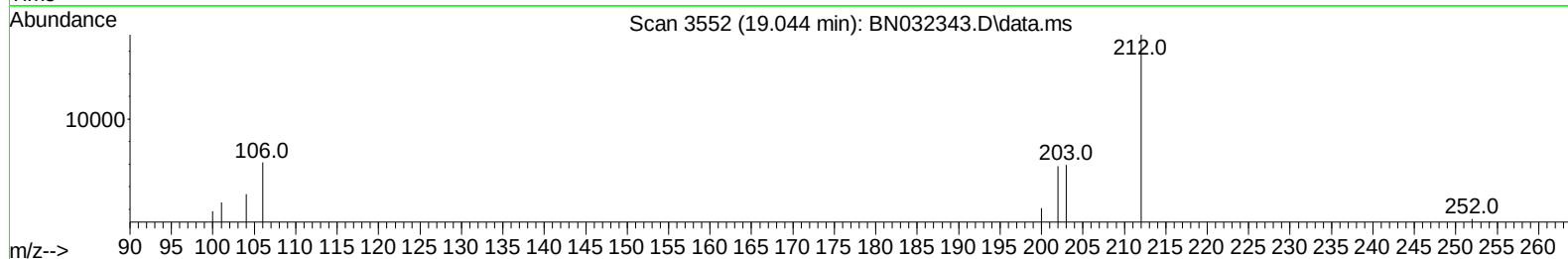
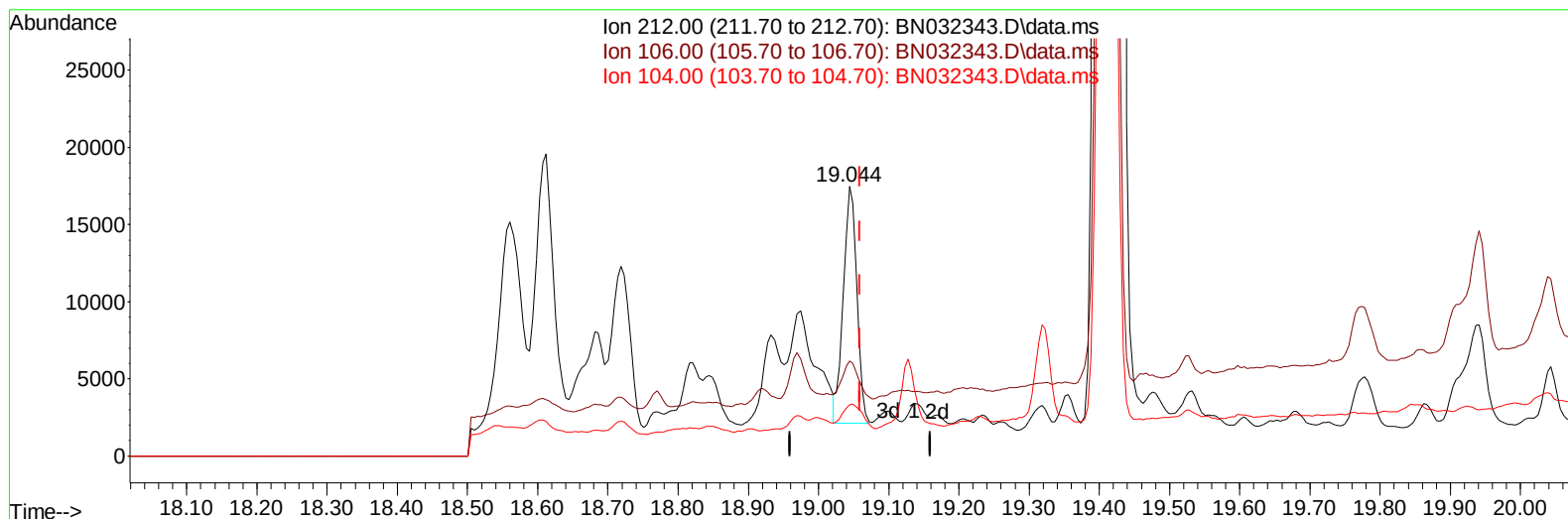
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032343.D
 Acq On : 29 Jun 2024 09:53
 Operator : MA/JU
 Sample : P2934-14
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ0

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:05 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 :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024



TIC: BN032343.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.044min (-0.015) 0.41 ng/ul m

response 20524

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	12.12
104.00	8.40	34.28#
0.00	0.00	0.00

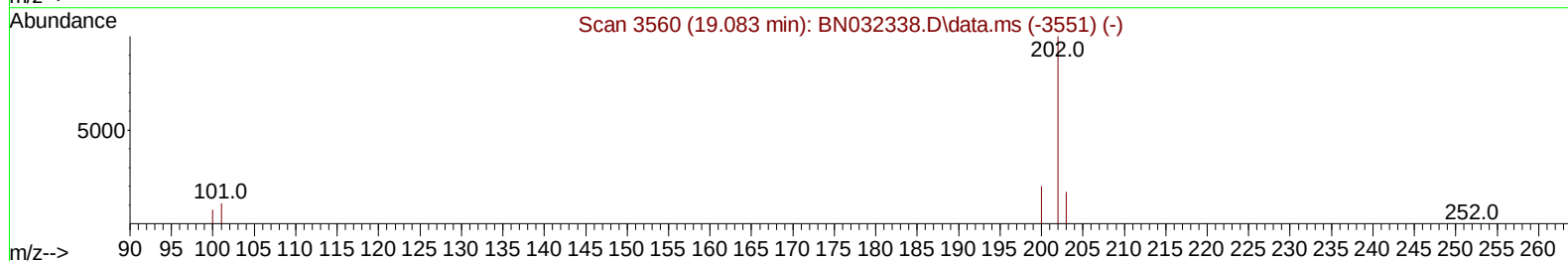
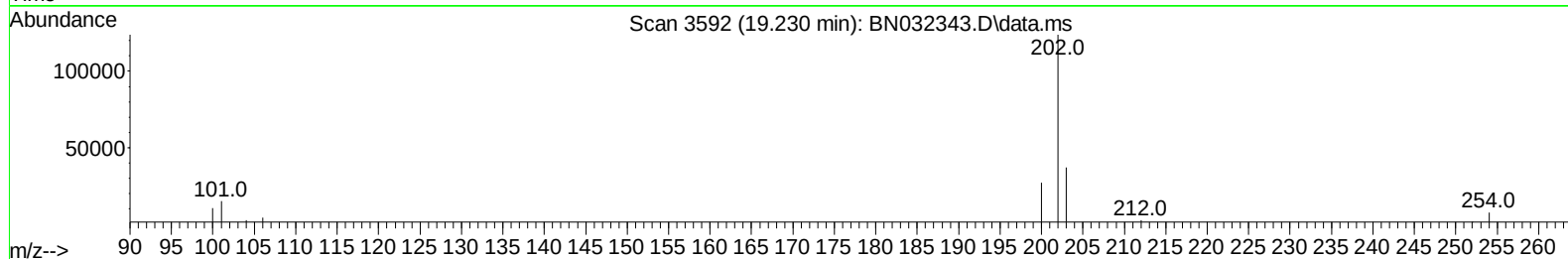
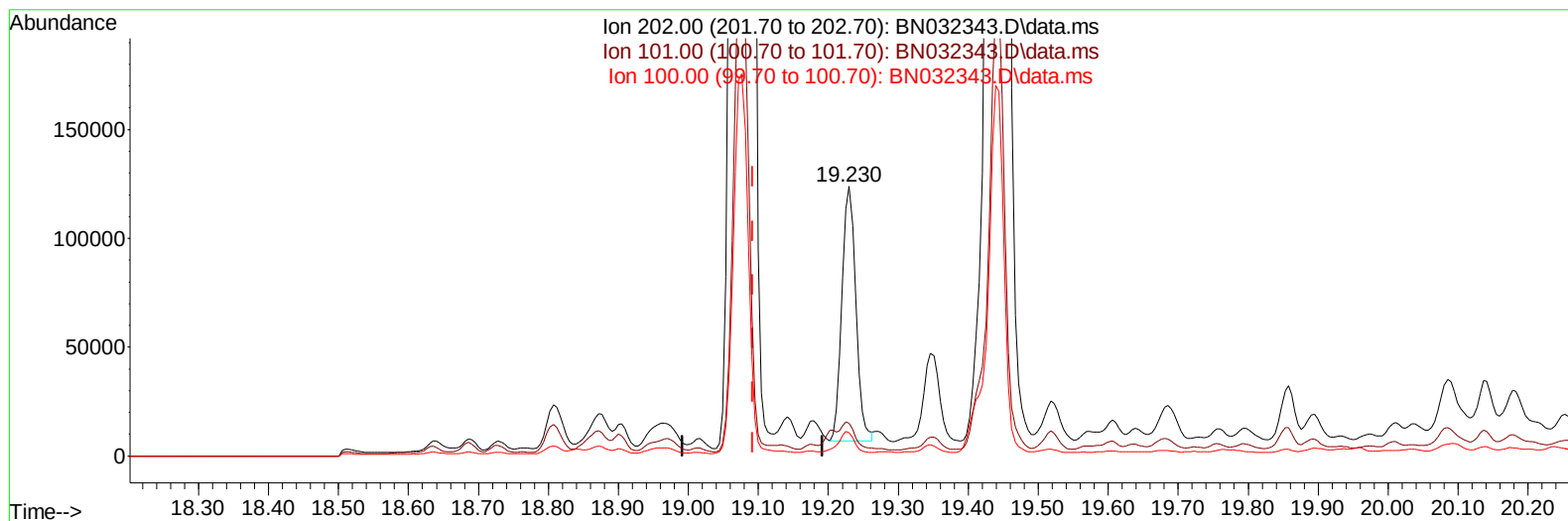
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032343.D
Acq On : 29 Jun 2024 09:53
Operator : MA/JU
Sample : P2934-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ0

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:05 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 :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032343.D\data.ms

(19) Fluoranthene (C)

19.230min (+ 0.138) 2.51 ng/u1

response 160230

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	12.16
100.00	8.00	8.60
0.00	0.00	0.00

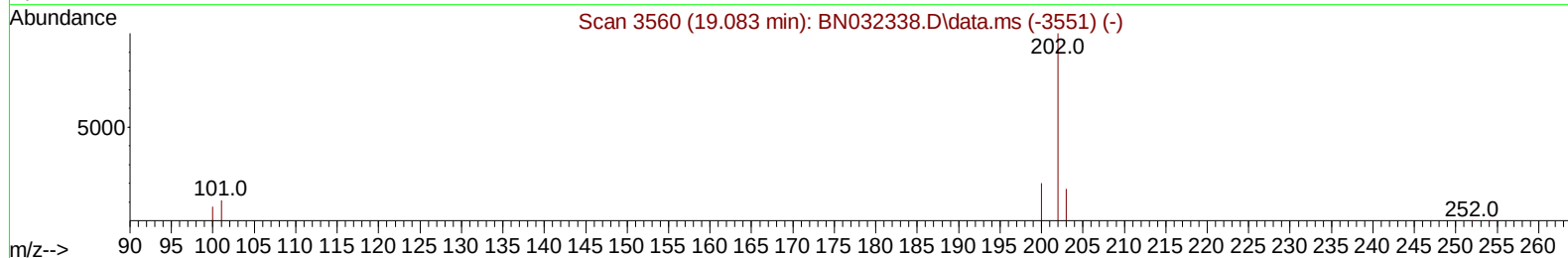
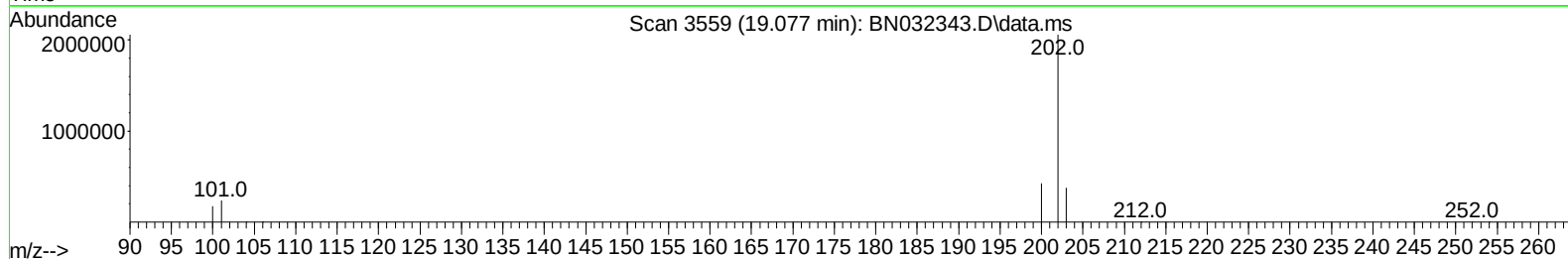
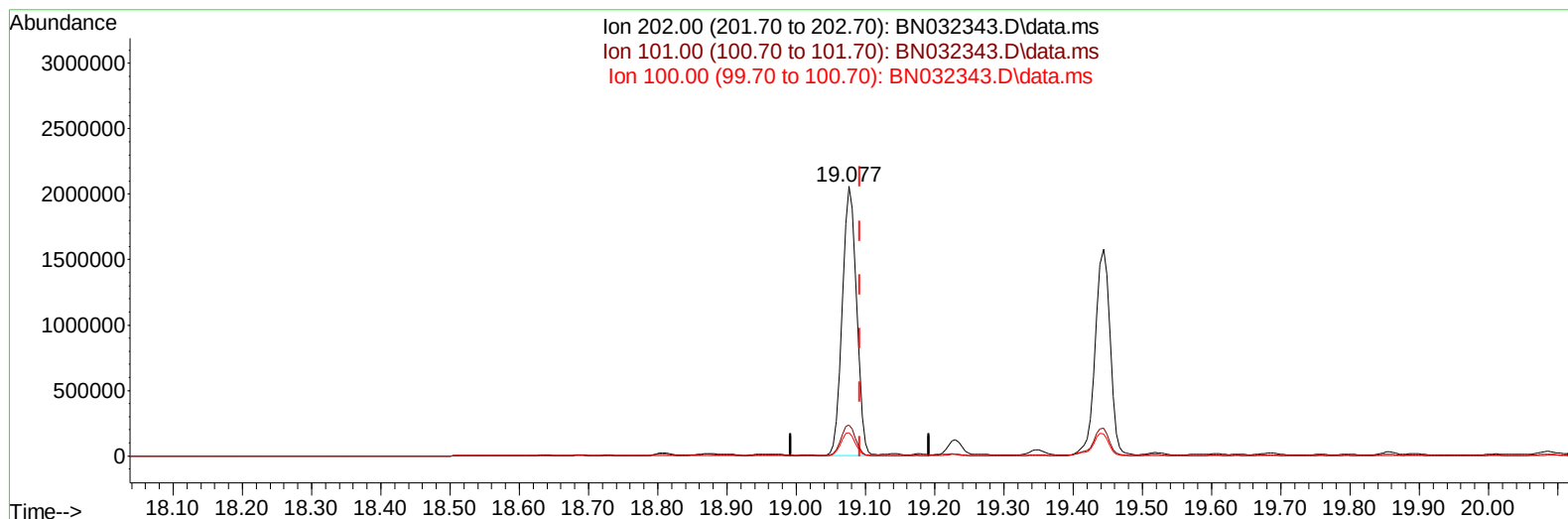
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032343.D
Acq On : 29 Jun 2024 09:53
Operator : MA/JU
Sample : P2934-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ0

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:05 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 :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032343.D\data.ms

(19) Fluoranthene (C)

19.077min (-0.015) 45.99 ng/ul m

response 2933087

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.49
100.00	8.00	8.53
0.00	0.00	0.00

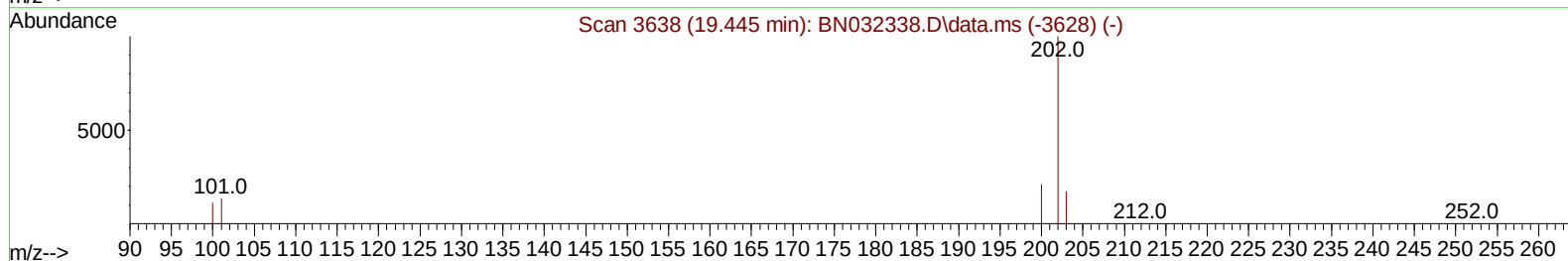
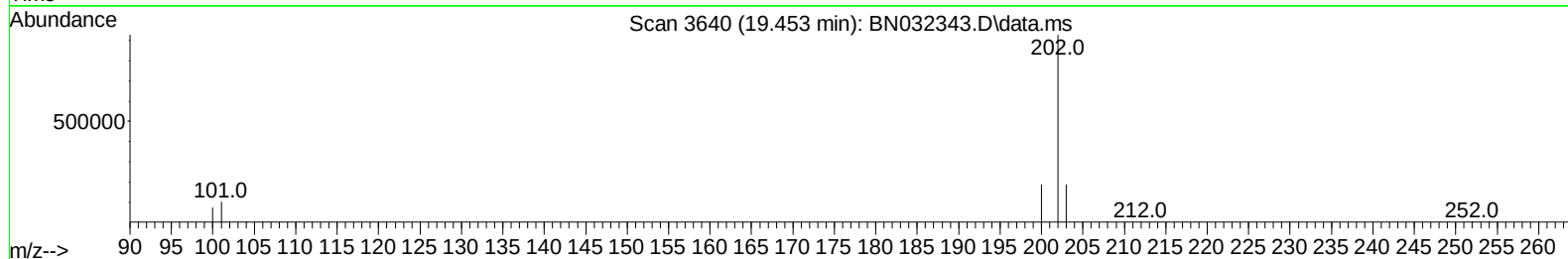
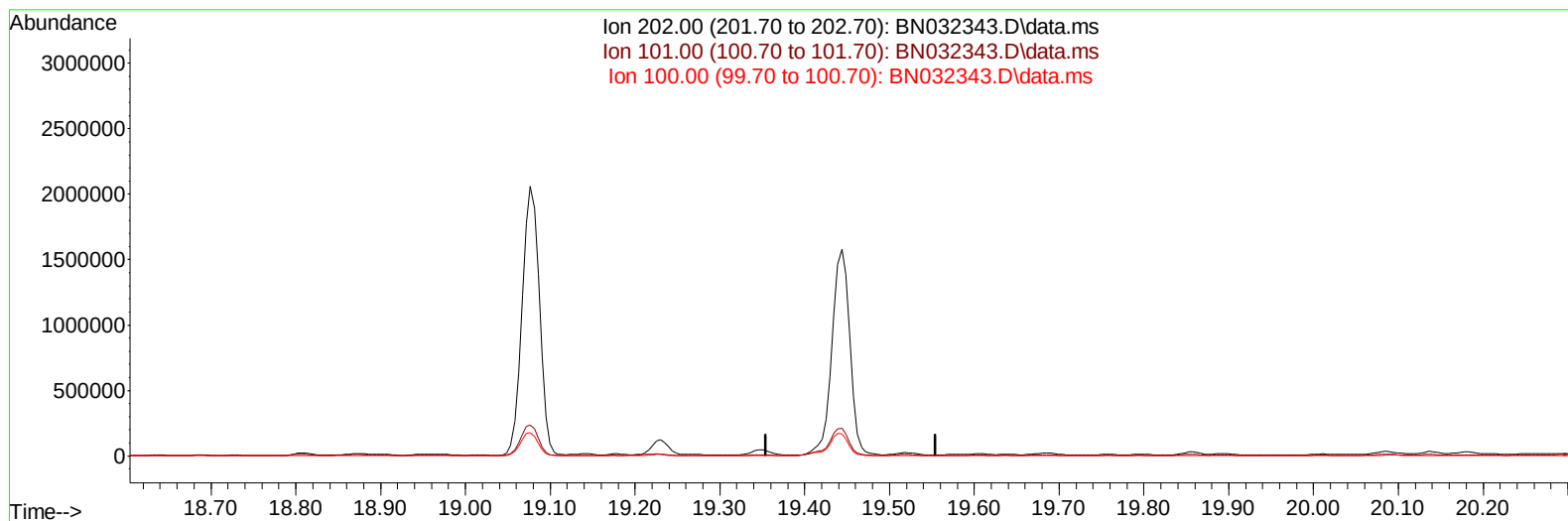
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032343.D
Acq On : 29 Jun 2024 09:53
Operator : MA/JU
Sample : P2934-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ0

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:05 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 :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032343.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

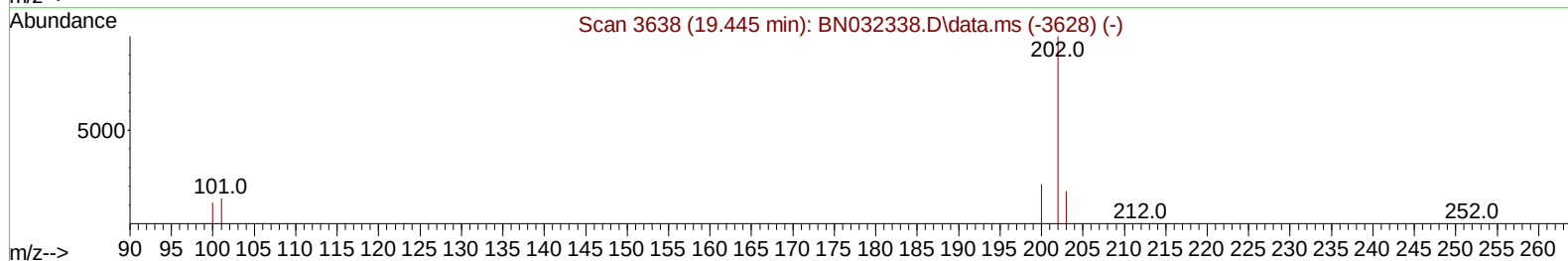
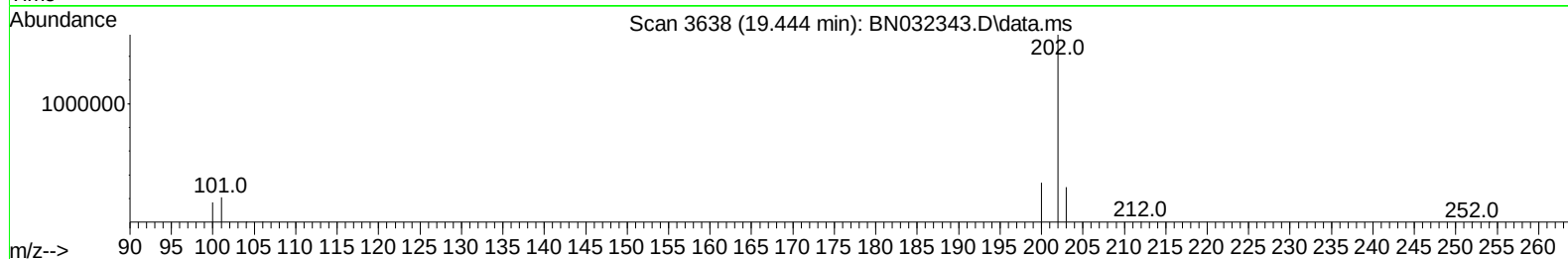
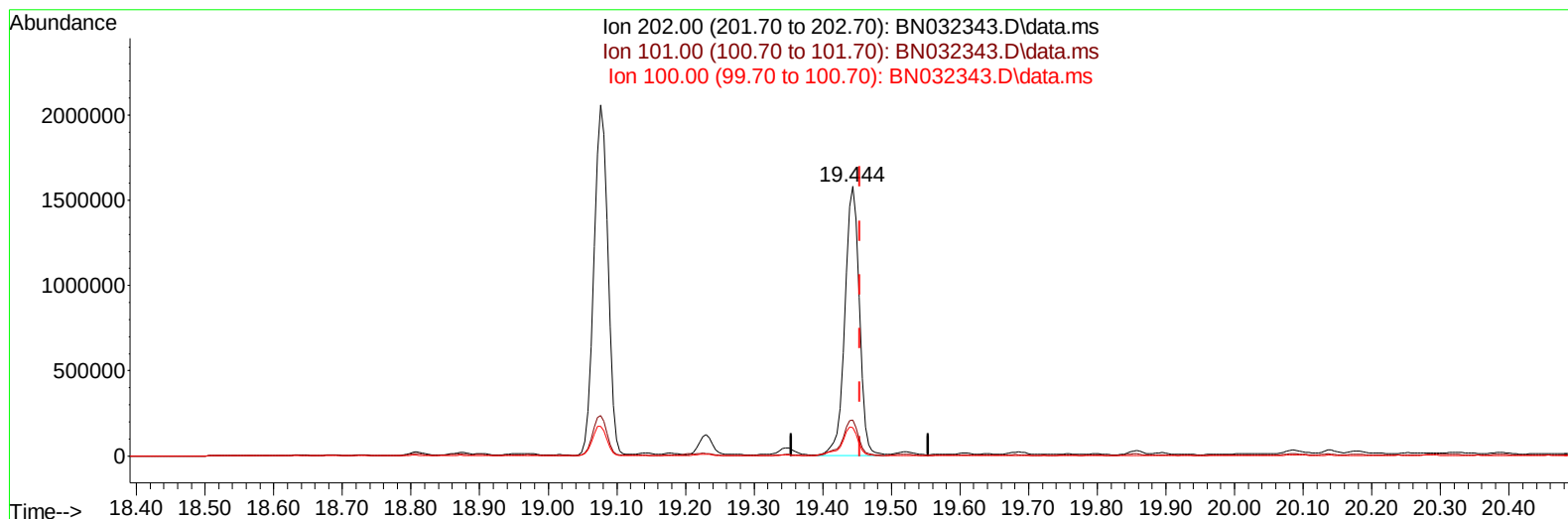
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032343.D
Acq On : 29 Jun 2024 09:53
Operator : MA/JU
Sample : P2934-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ0

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:05 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 :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032343.D\data.ms

(20) Pyrene

19.444min (-0.011) 35.13 ng/ul m

response 2341198

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	13.31
100.00	10.90	10.60
0.00	0.00	0.00

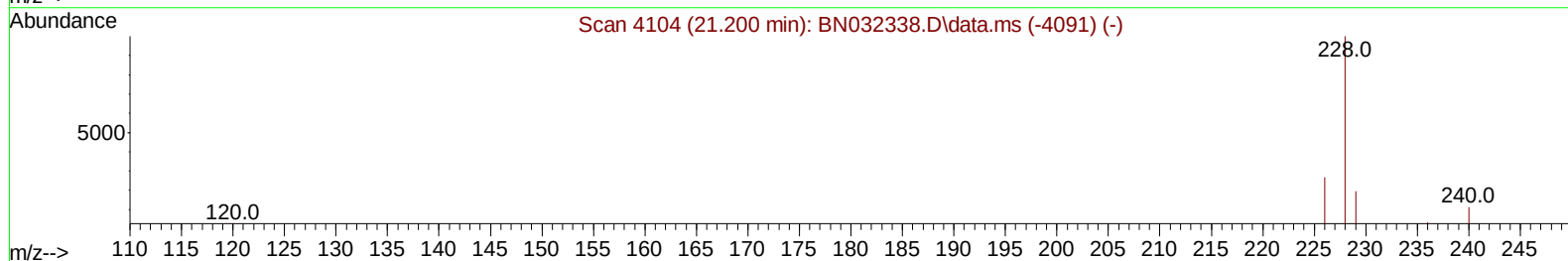
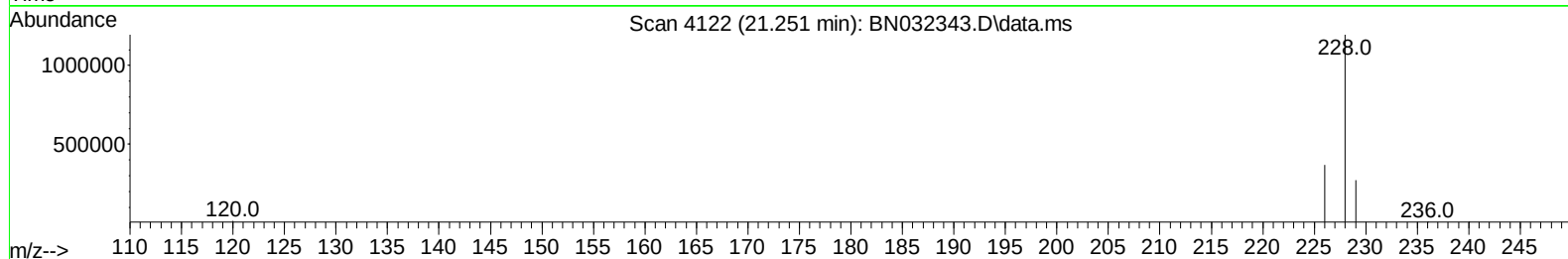
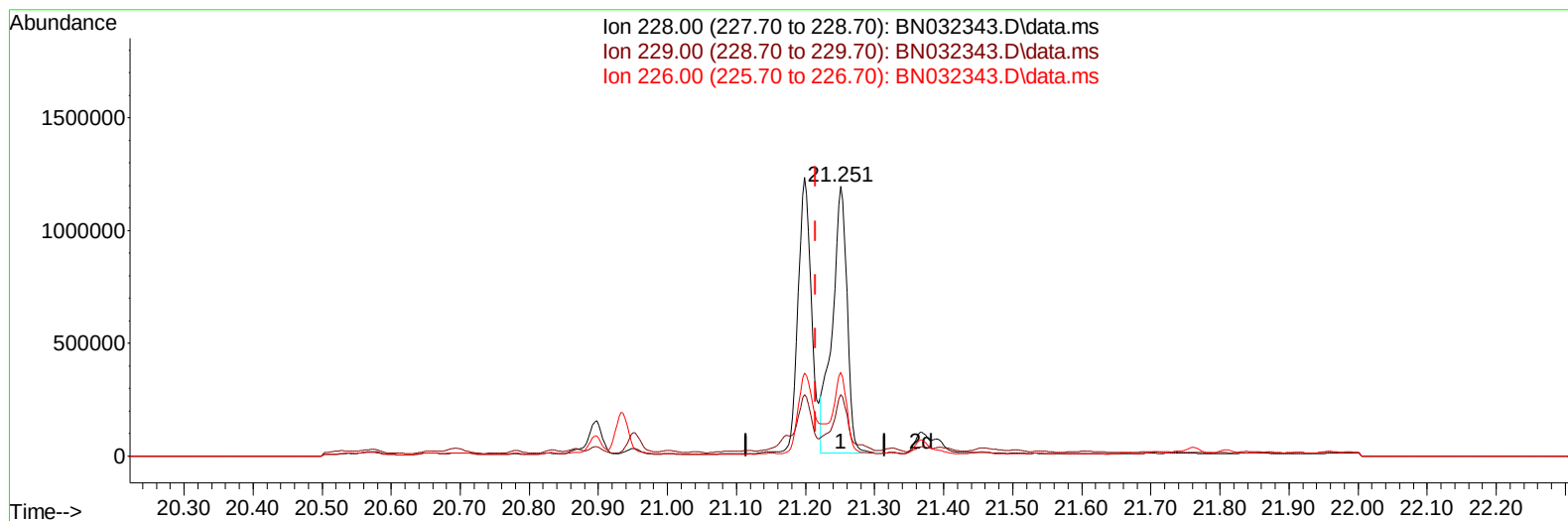
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032343.D
Acq On : 29 Jun 2024 09:53
Operator : MA/JU
Sample : P2934-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ0

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:05 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 :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032343.D\data.ms

(21) Benzo(a)anthracene

21.251min (+ 0.037) 29.41 ng/ul

response 1777911

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	22.84
226.00	27.30	30.96
0.00	0.00	0.00

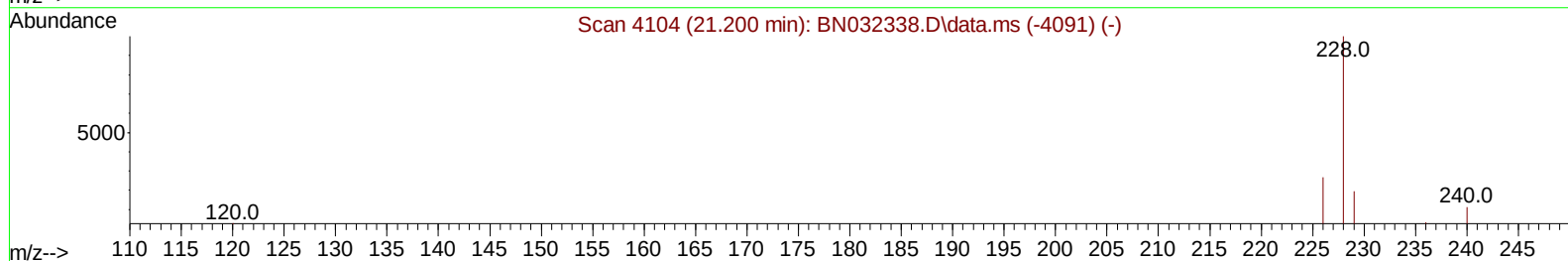
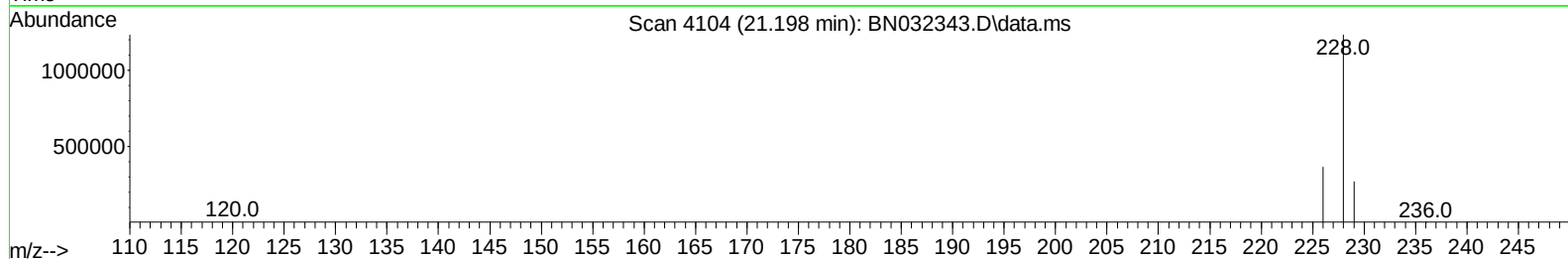
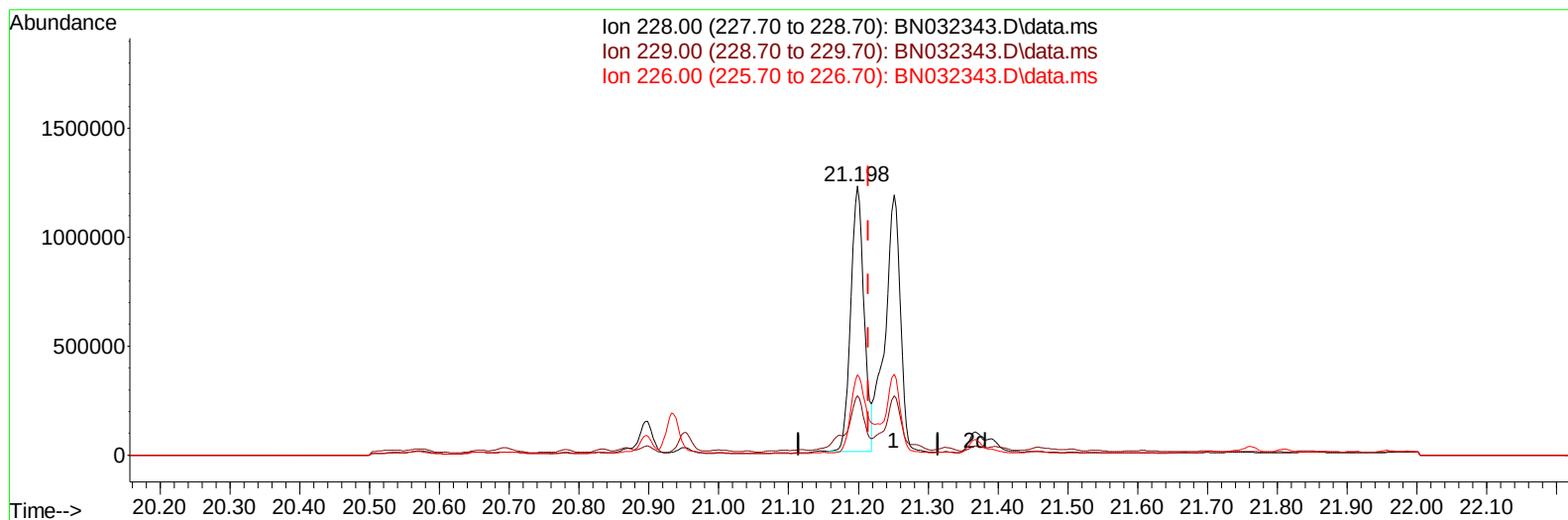
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032343.D
Acq On : 29 Jun 2024 09:53
Operator : MA/JU
Sample : P2934-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ0

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:05 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 :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032343.D\data.ms

(21) Benzo(a)anthracene

21.198min (-0.016) 26.70 ng/ul m

response 1613791

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	22.13
226.00	27.30	29.81
0.00	0.00	0.00

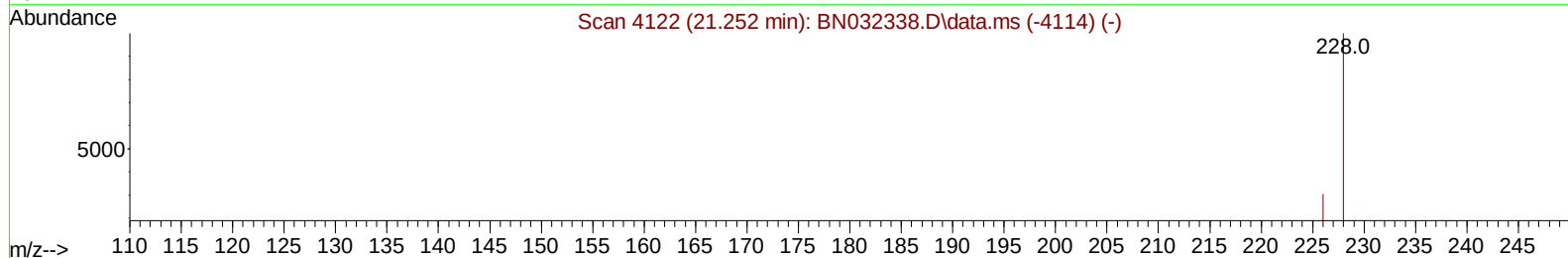
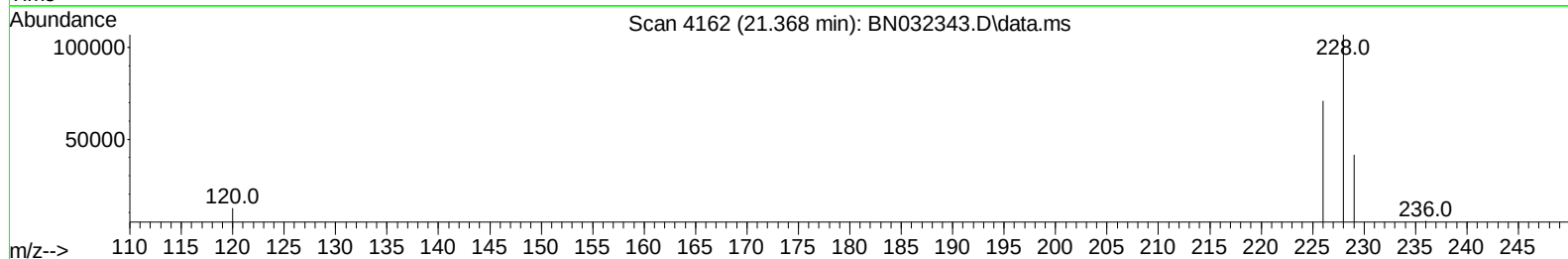
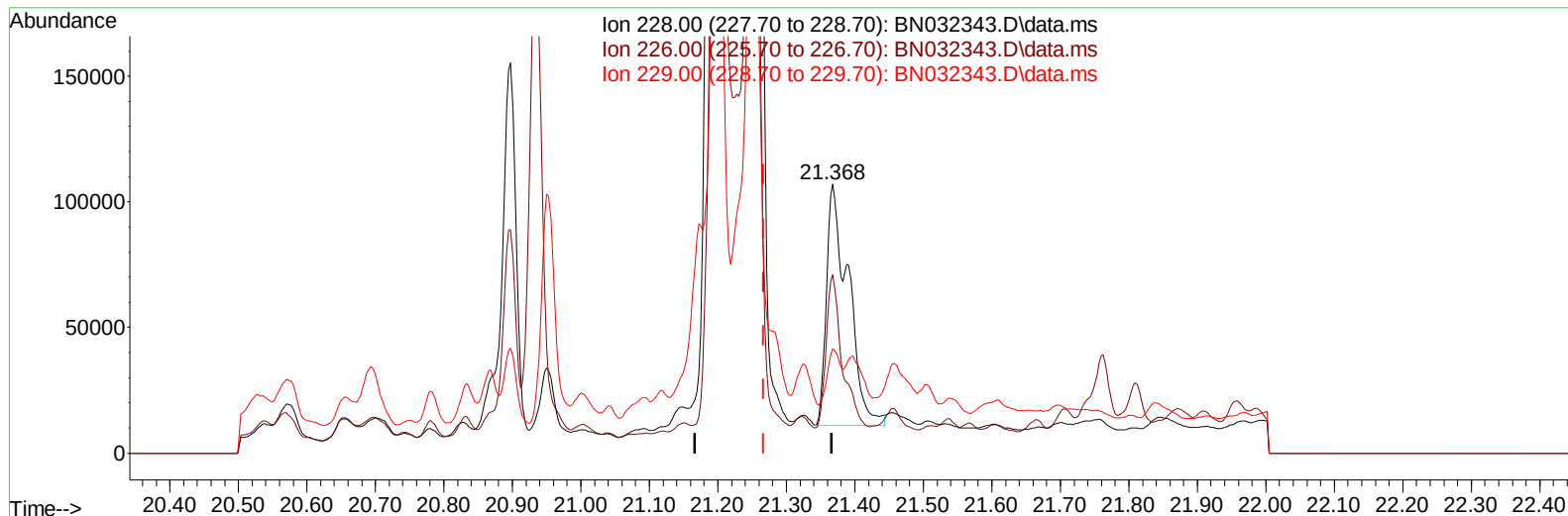
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032343.D
Acq On : 29 Jun 2024 09:53
Operator : MA/JU
Sample : P2934-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ0

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:05 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 :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032343.D\data.ms

(22) Chrysene

21.368min (+ 0.101) 3.19 ng/u1

response 211670

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	66.40#
229.00	19.60	38.74#
0.00	0.00	0.00

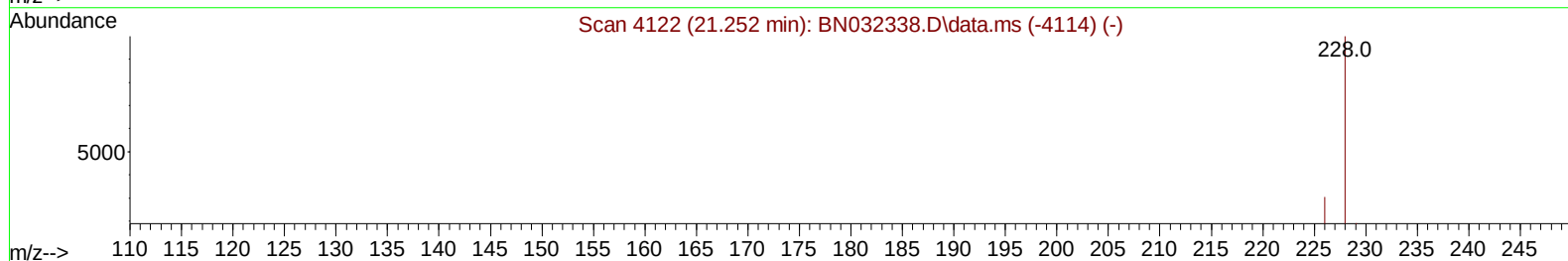
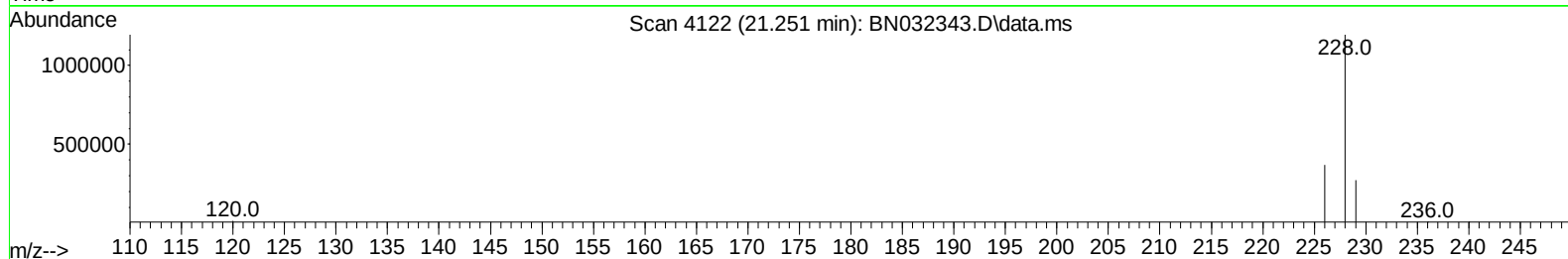
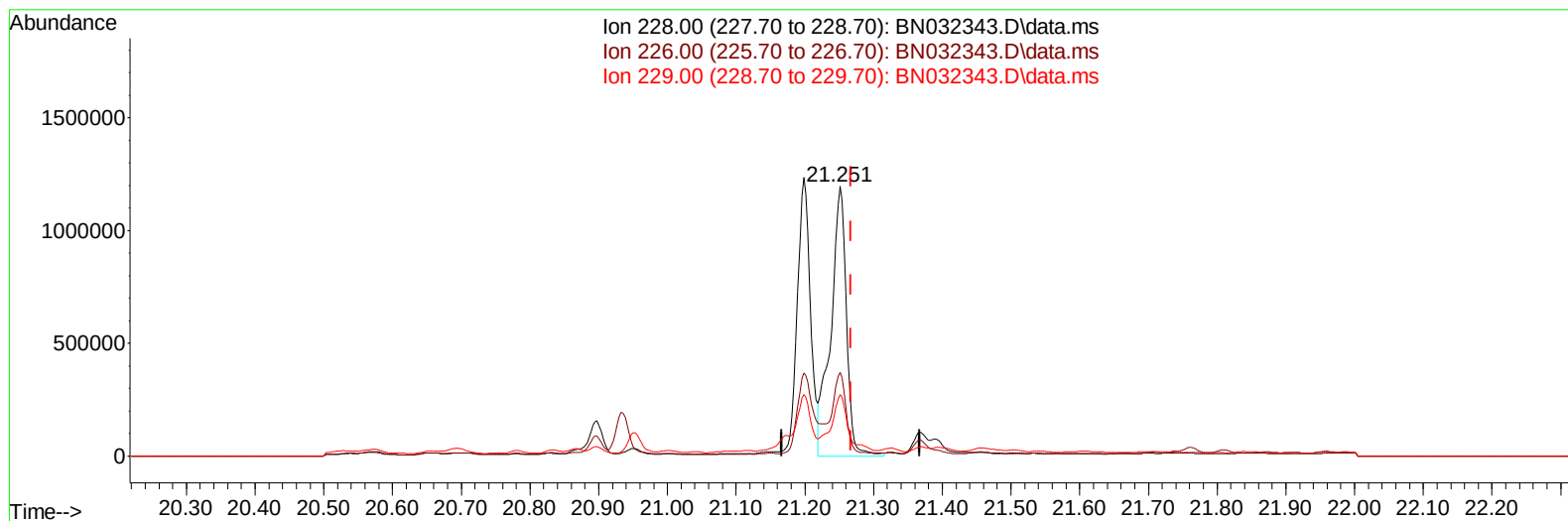
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032343.D
Acq On : 29 Jun 2024 09:53
Operator : MA/JU
Sample : P2934-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ0

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:05 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 :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032343.D\data.ms

(22) Chrysene

21.251min (-0.016) 28.54 ng/ul m

response 1893897

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	30.96
229.00	19.60	22.84
0.00	0.00	0.00

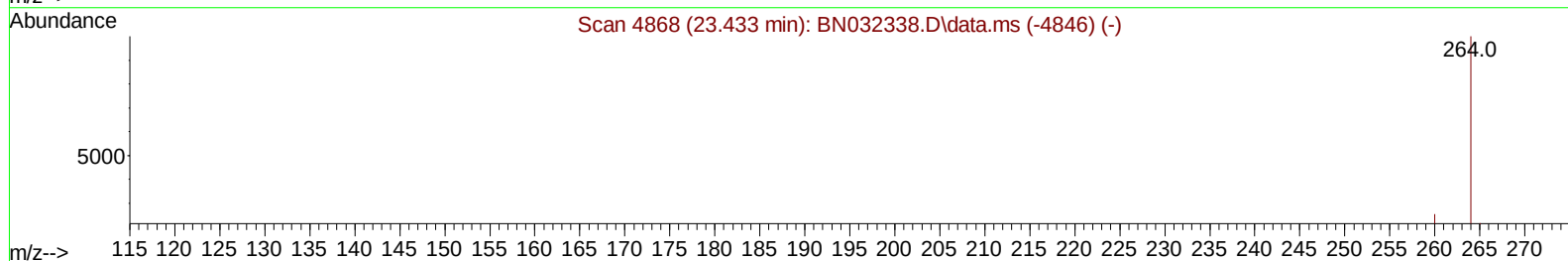
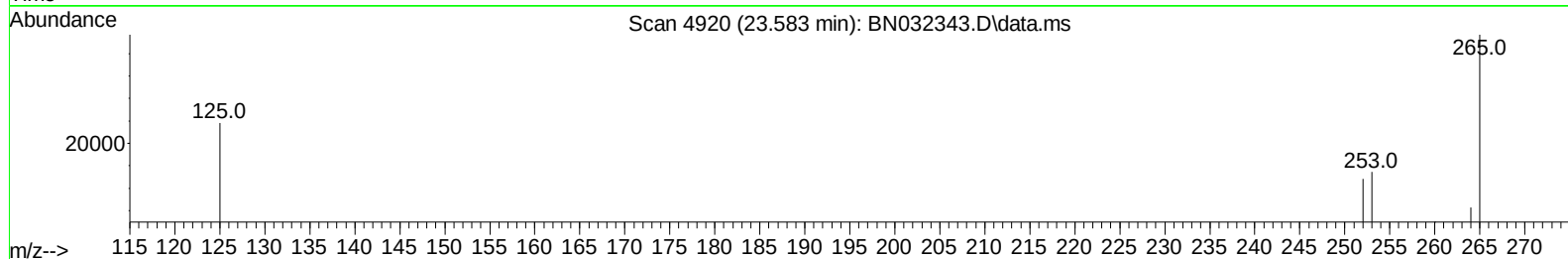
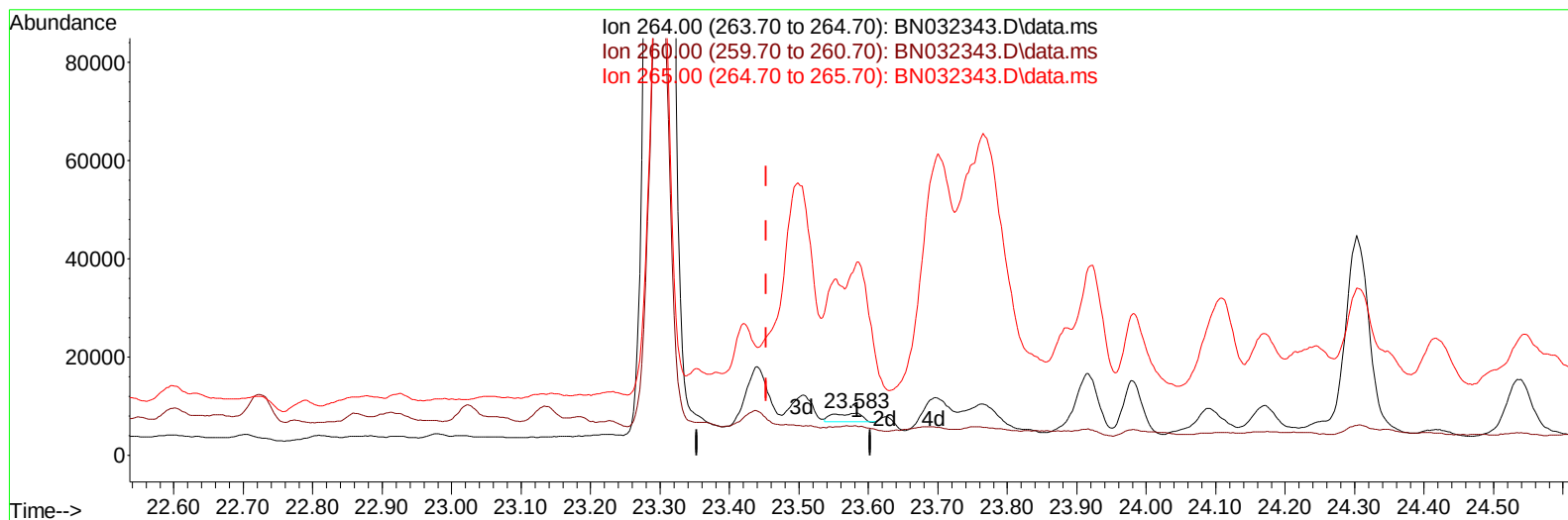
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032343.D
Acq On : 29 Jun 2024 09:53
Operator : MA/JU
Sample : P2934-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ0

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:05 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 :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032343.D\data.ms

(23) Perylene-d12 (I)

23.583min (+ 0.130) 0.40 ng/u1

response 4736

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	69.30#
265.00	67.20	458.02#
0.00	0.00	0.00

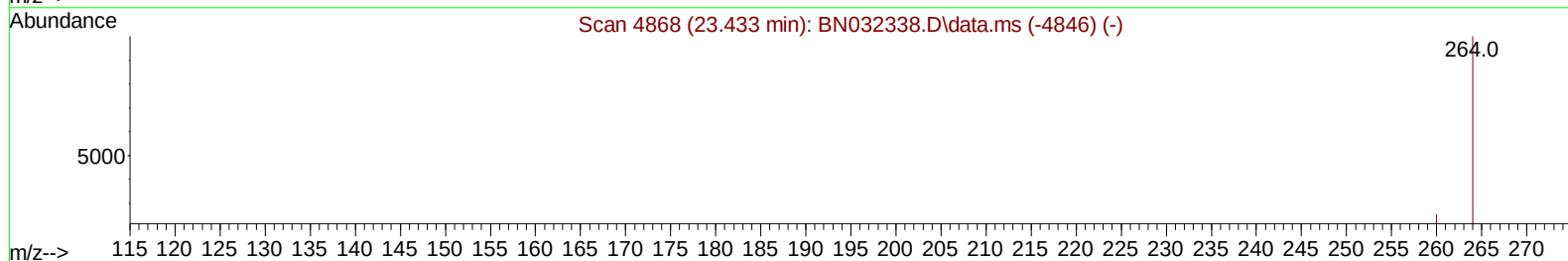
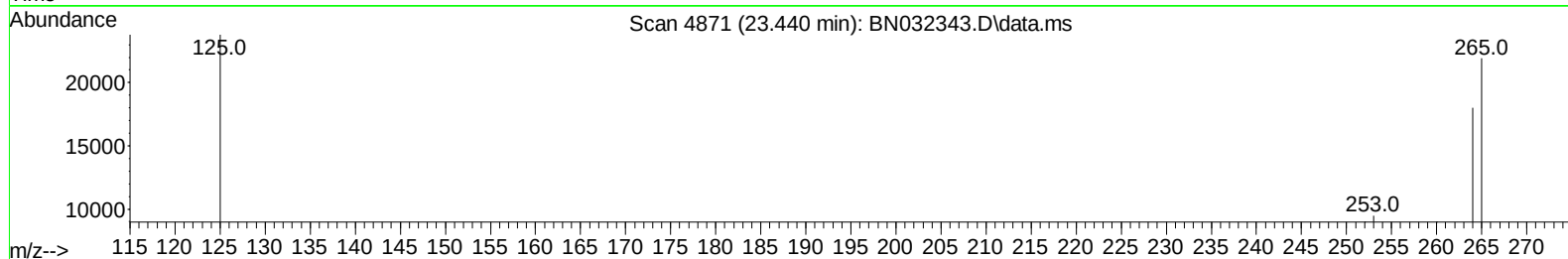
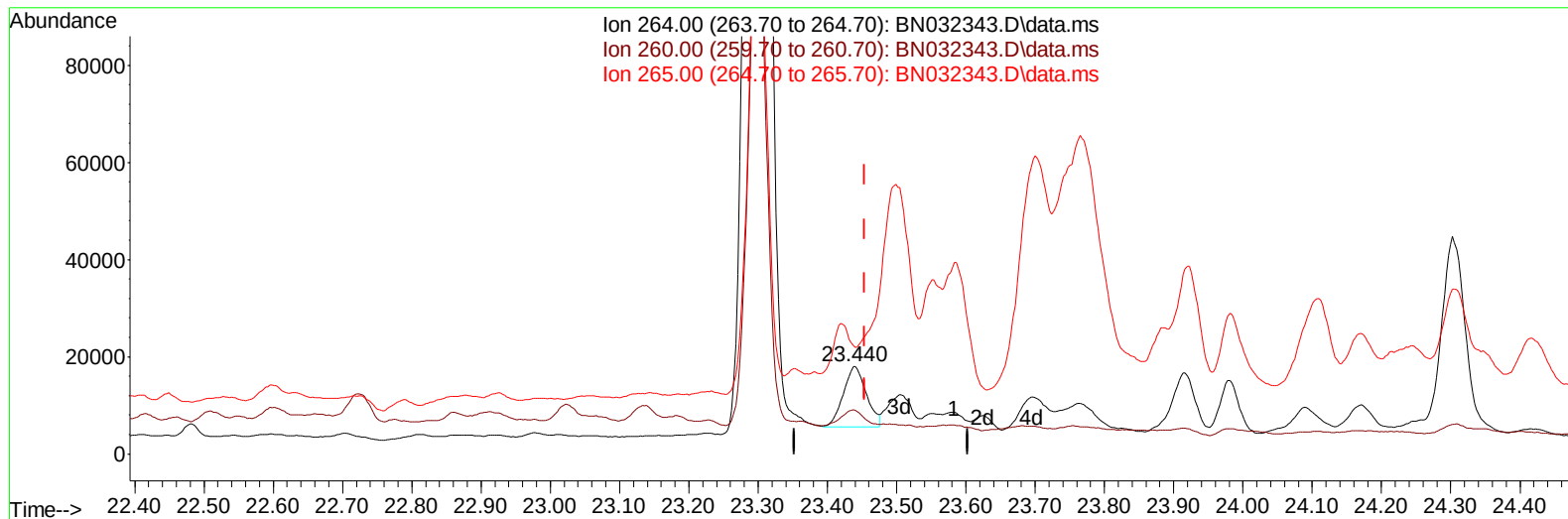
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032343.D
Acq On : 29 Jun 2024 09:53
Operator : MA/JU
Sample : P2934-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ0

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:05 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 :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032343.D\data.ms

(23) Perylene-d12 (I)

23.440min (-0.013) 0.40 ng/ul m

response 28849

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	49.78#
265.00	67.20	121.70#
0.00	0.00	0.00

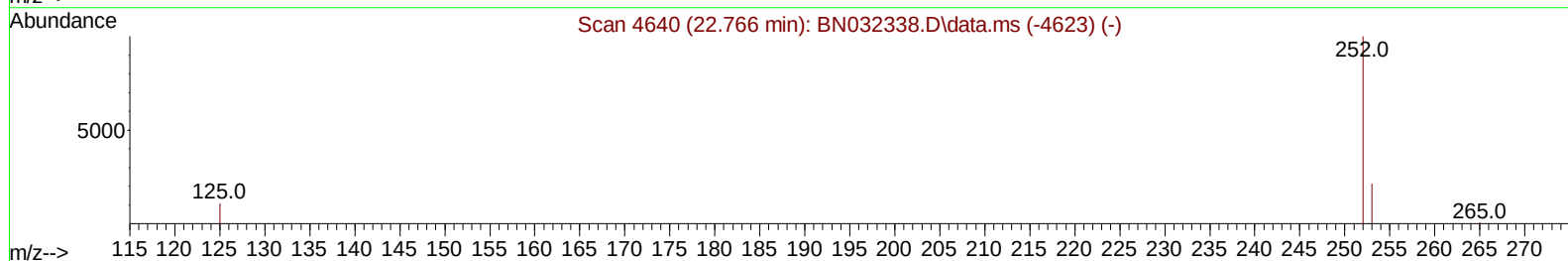
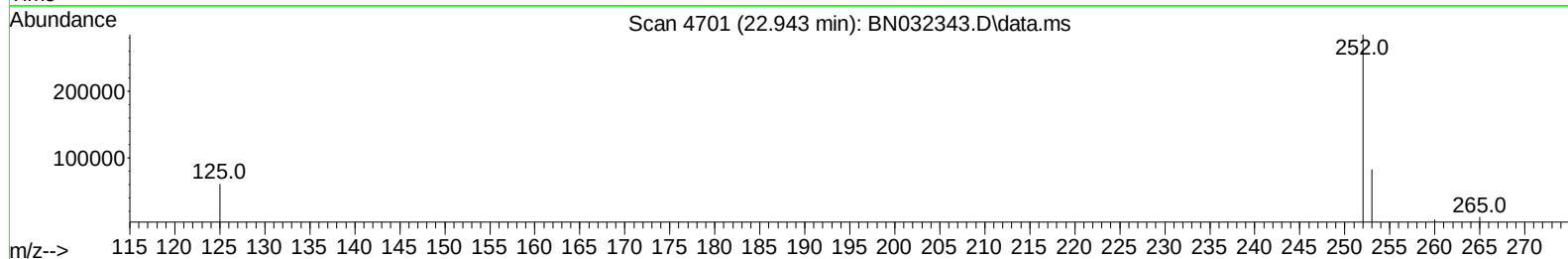
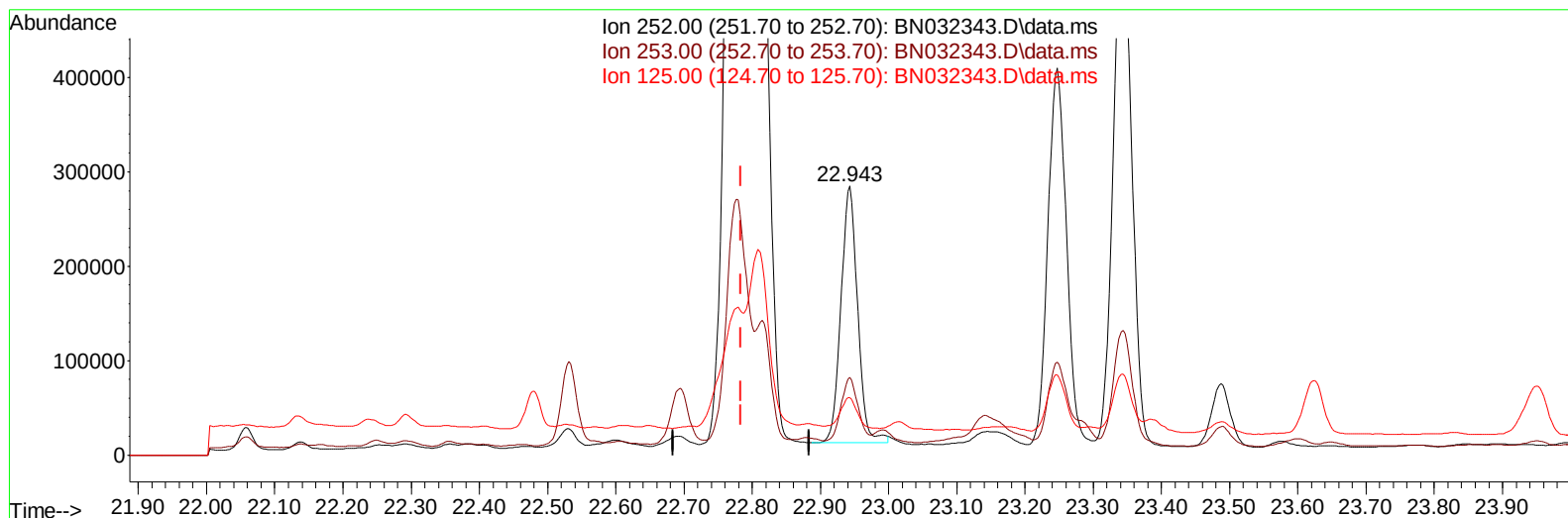
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032343.D
 Acq On : 29 Jun 2024 09:53
 Operator : MA/JU
 Sample : P2934-14
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ0

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:05 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 :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024



TIC: BN032343.D\data.ms

(24) Benzo(b)fluoranthene

22.943min (+ 0.159) 3.69 ng/u1

response 462794

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	28.90
125.00	16.00	21.47
0.00	0.00	0.00

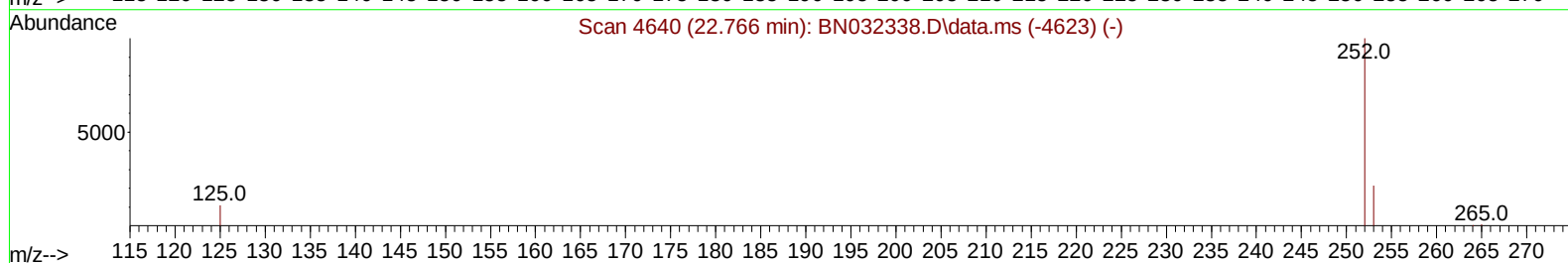
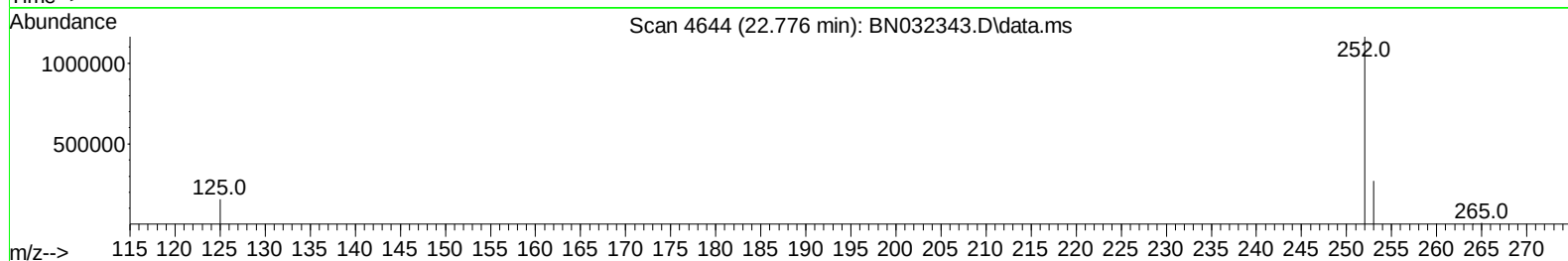
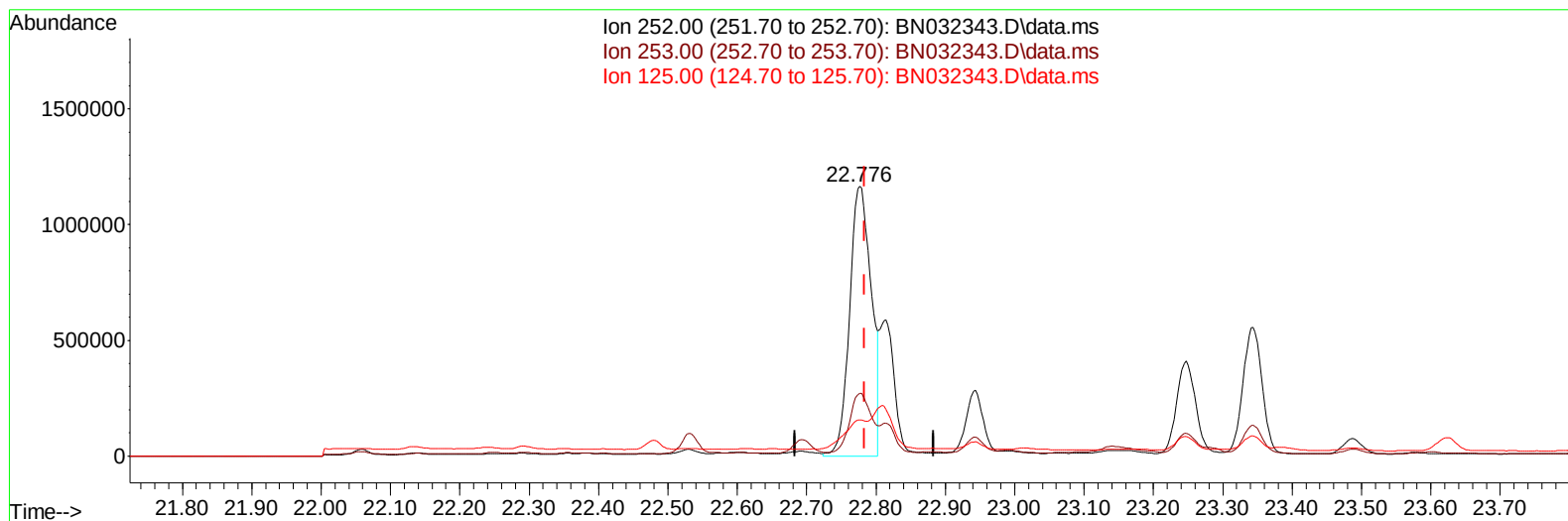
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032343.D
Acq On : 29 Jun 2024 09:53
Operator : MA/JU
Sample : P2934-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ0

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:05 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 :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032343.D\data.ms

(24) Benzo(b)fluoranthene

22.776min (-0.007) 20.35 ng/ul m

response 2550484

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.24
125.00	16.00	13.37
0.00	0.00	0.00

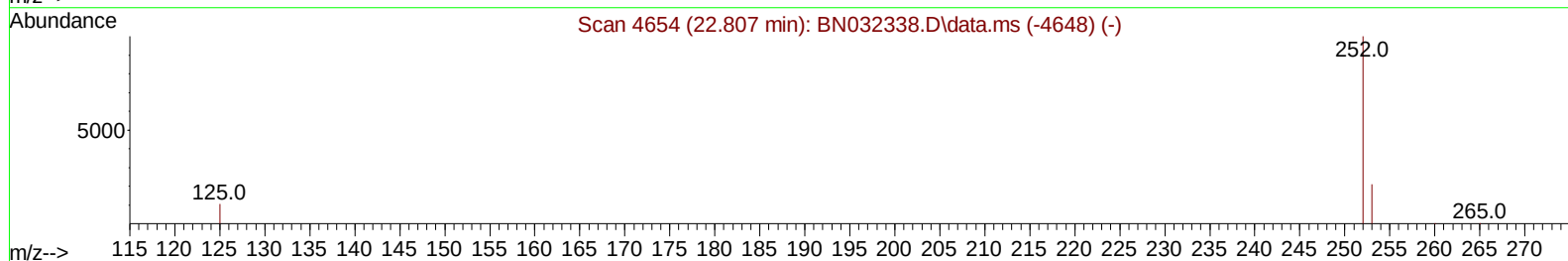
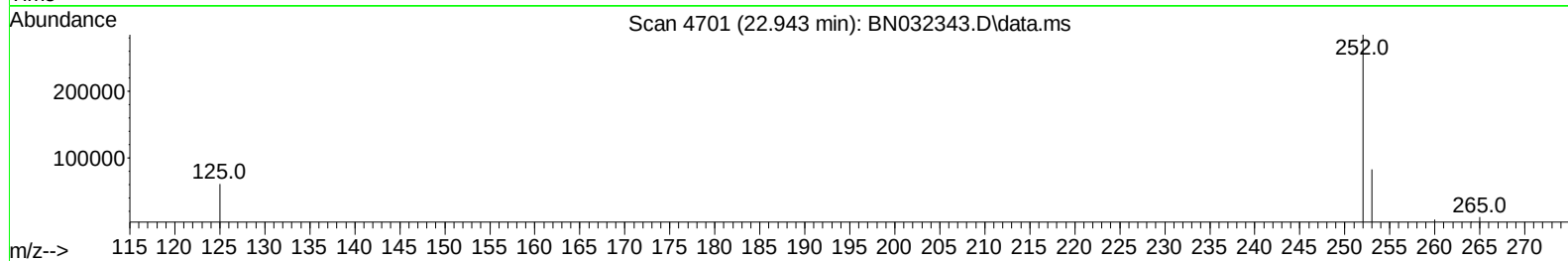
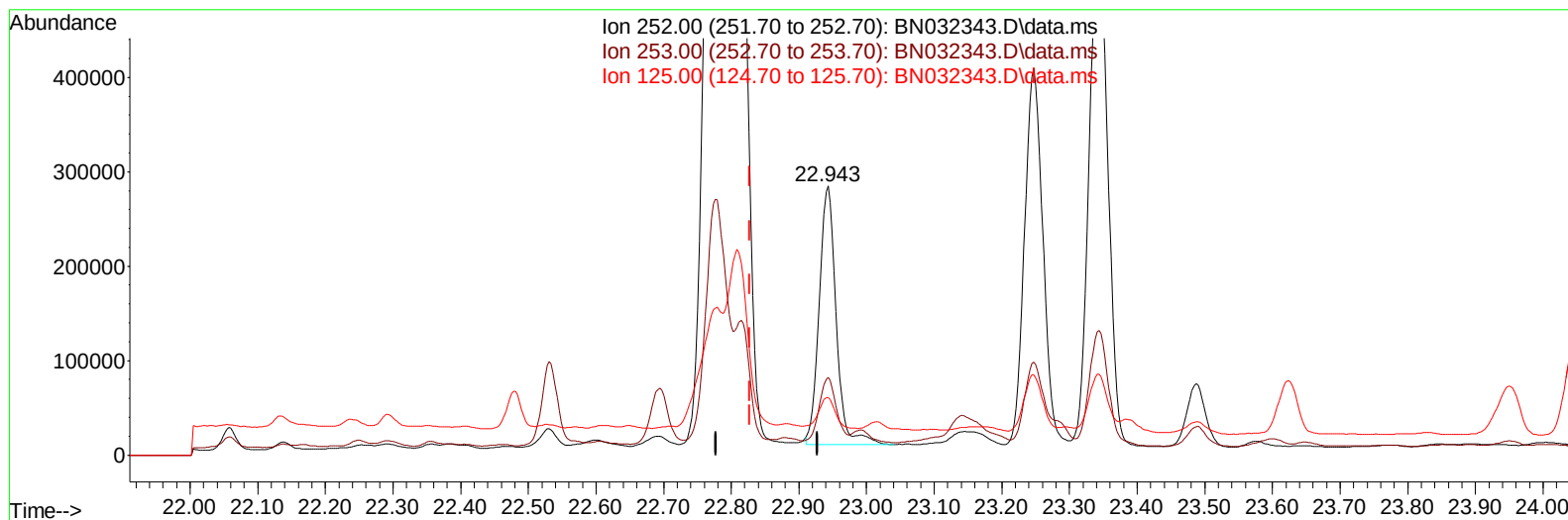
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032343.D
Acq On : 29 Jun 2024 09:53
Operator : MA/JU
Sample : P2934-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ0

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:05 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 :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032343.D\data.ms

(25) Benzo(k)fluoranthene

22.943min (+ 0.116) 3.92 ng/u1

response 477619

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	28.90
125.00	16.00	21.47#
0.00	0.00	0.00

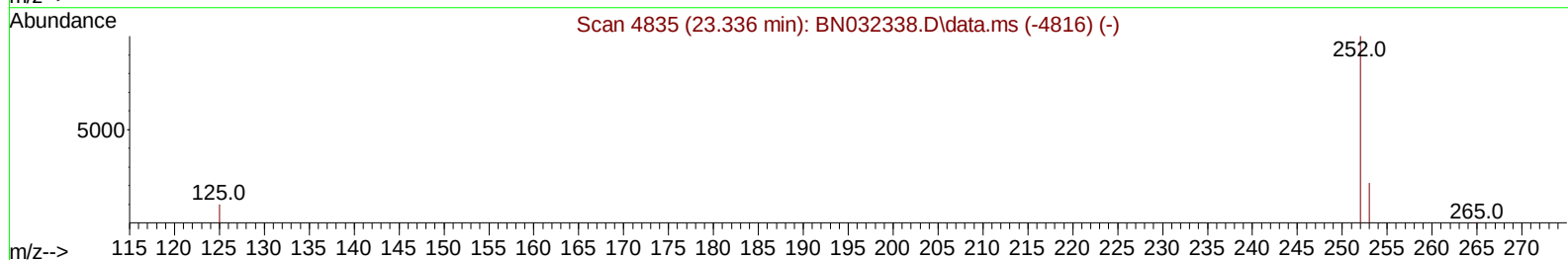
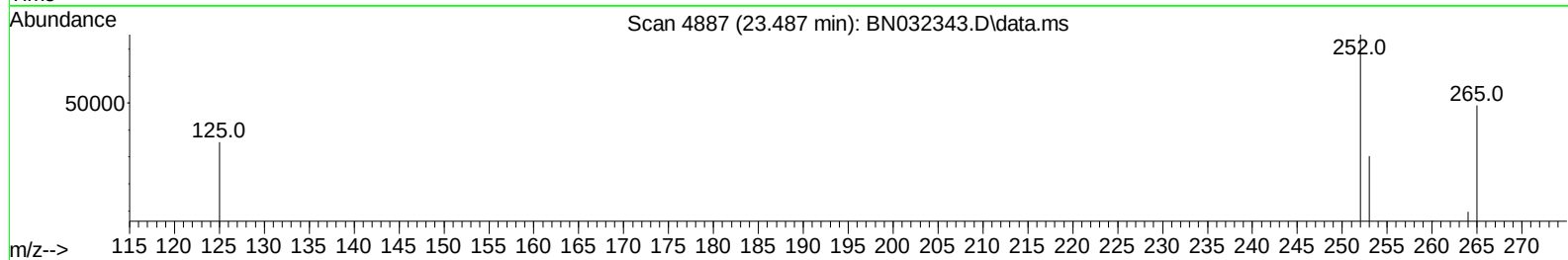
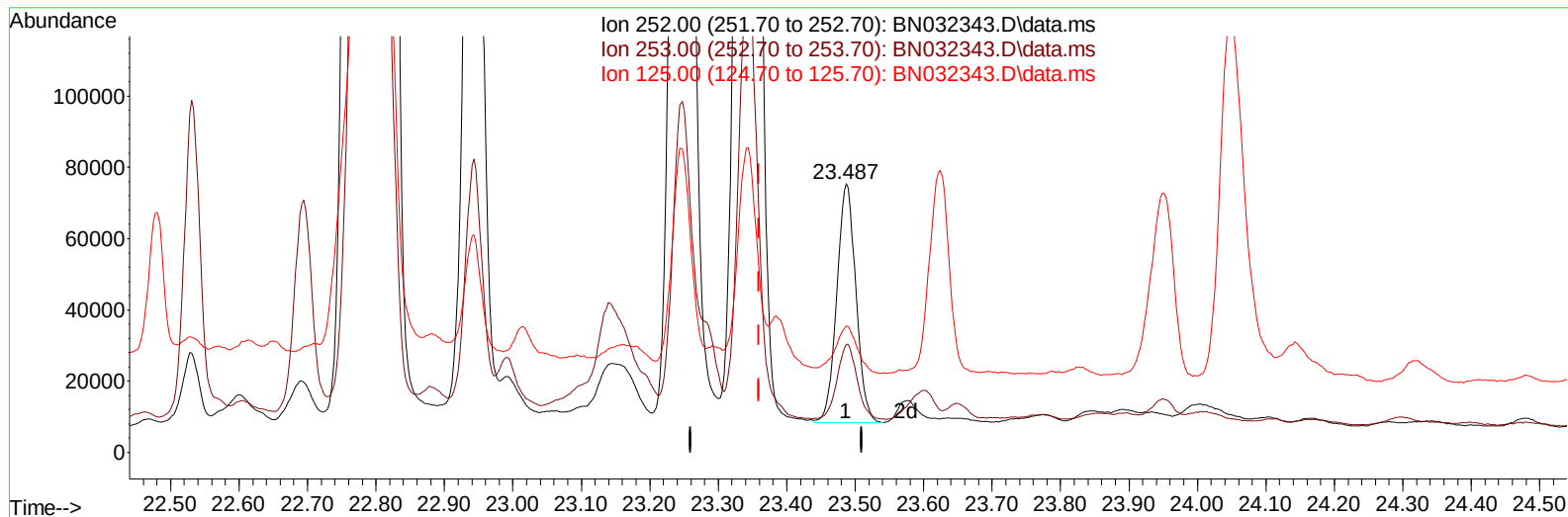
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032343.D
Acq On : 29 Jun 2024 09:53
Operator : MA/JU
Sample : P2934-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ0

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:05 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 :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032343.D\data.ms

(26) Benzo(a)pyrene (C)

23.487min (+ 0.127) 1.49 ng/u1

response 130037

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	40.16#
125.00	20.50	47.03#
0.00	0.00	0.00

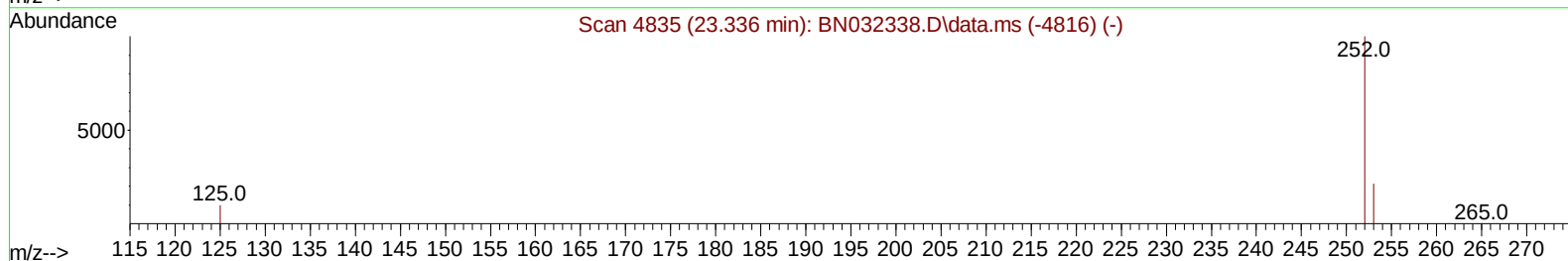
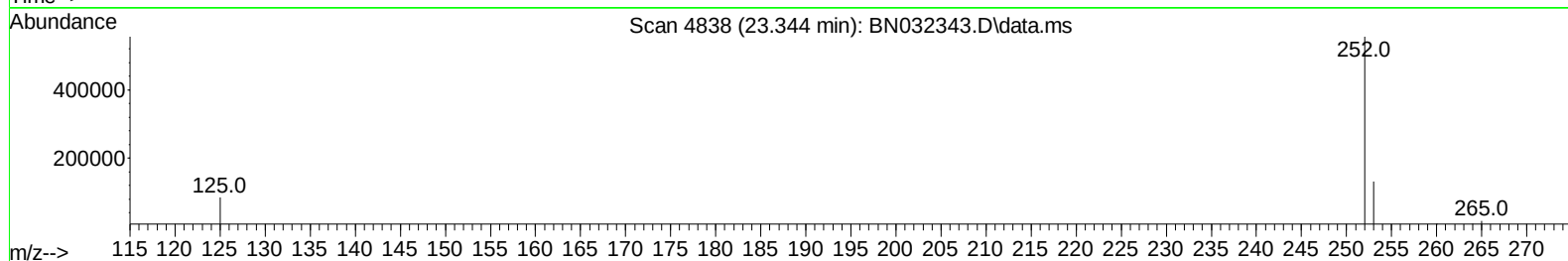
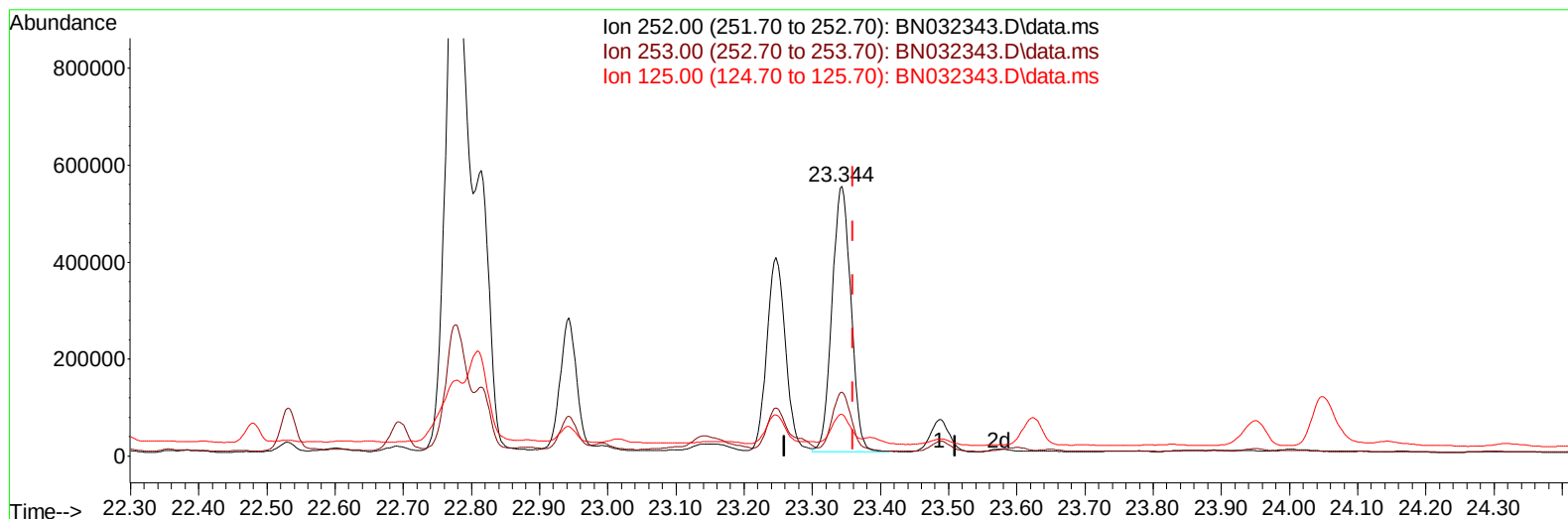
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032343.D
Acq On : 29 Jun 2024 09:53
Operator : MA/JU
Sample : P2934-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ0

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:05 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 :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032343.D\data.ms

(26) Benzo(a)pyrene (C)

23.344min (-0.016) 12.14 ng/ul m

response 1058731

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	23.77
125.00	20.50	15.40#
0.00	0.00	0.00

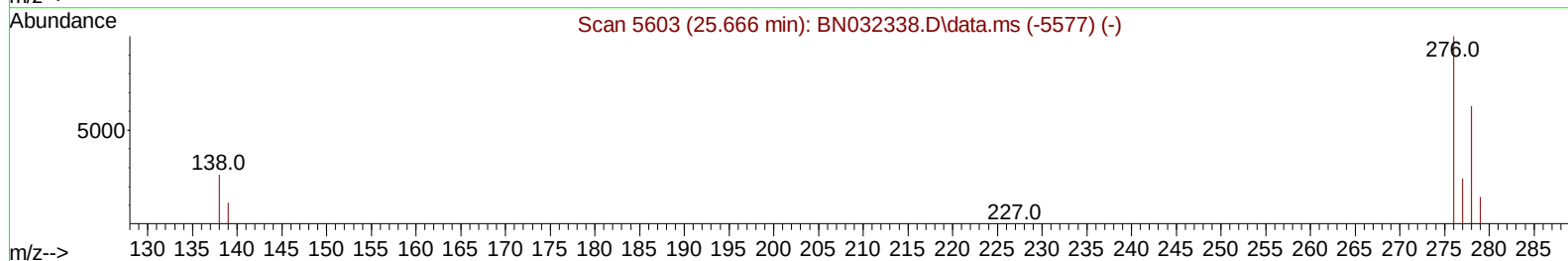
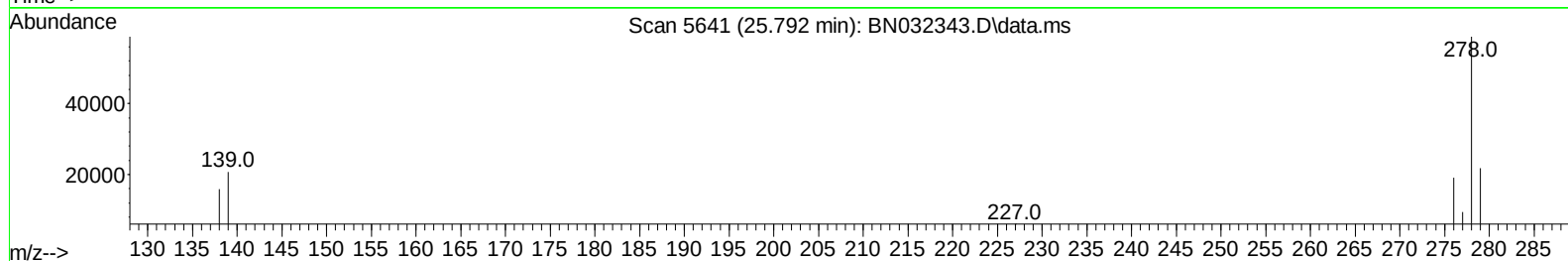
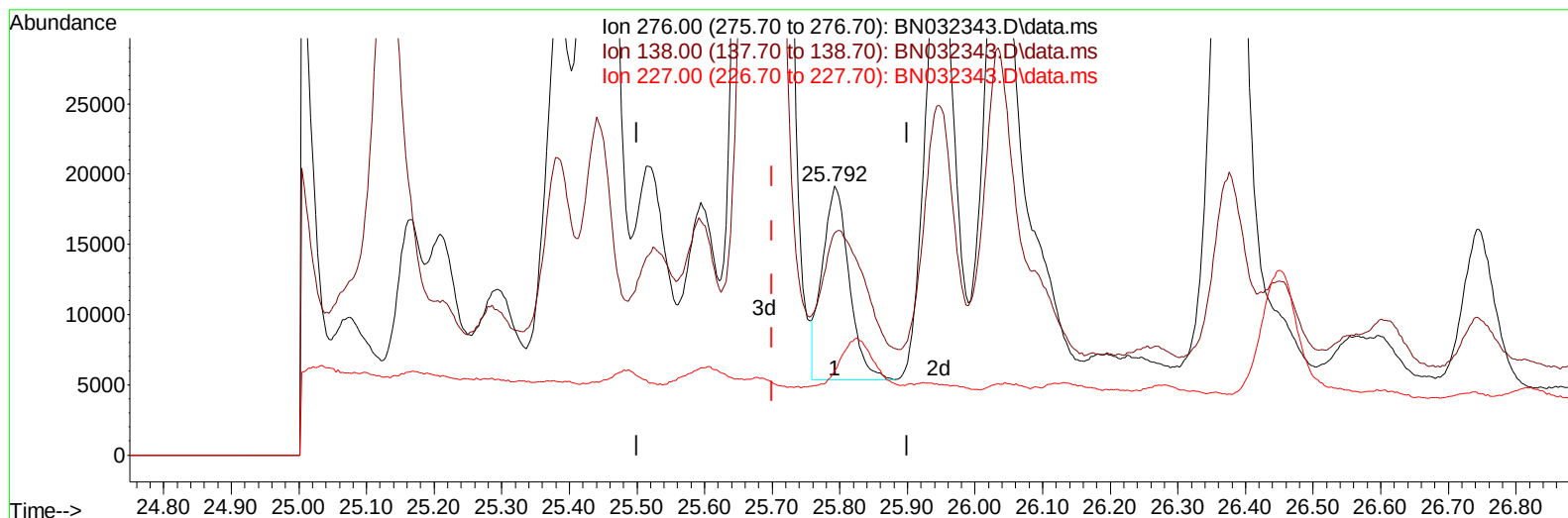
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032343.D
Acq On : 29 Jun 2024 09:53
Operator : MA/JU
Sample : P2934-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ0

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:05 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 :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032343.D\data.ms

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

25.792min (+ 0.092) 0.28 ng/u1

response 38230

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	89.87#
227.00	0.10	0.00#
0.00	0.00	0.00

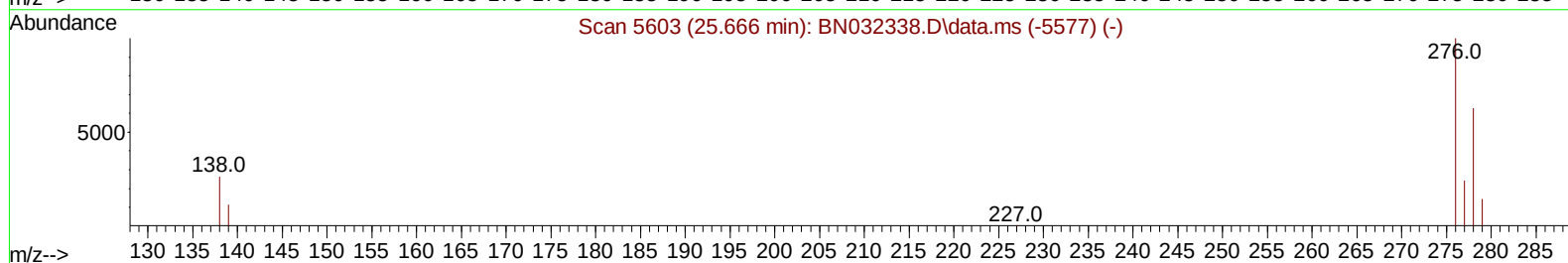
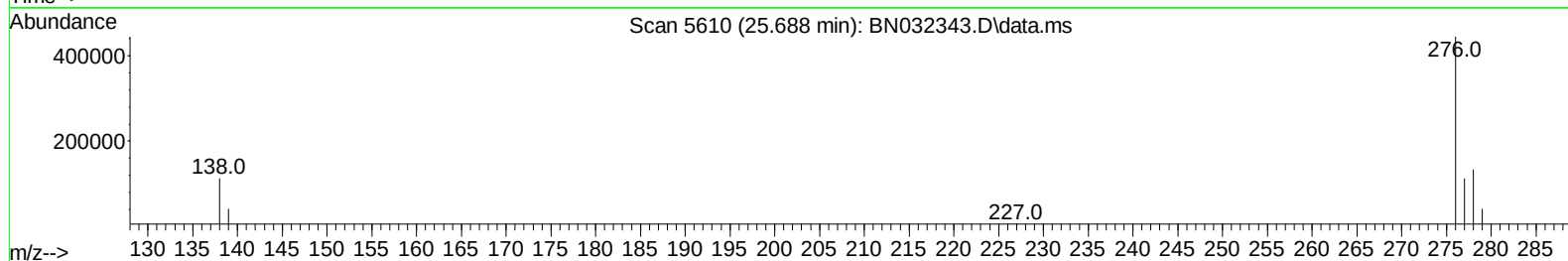
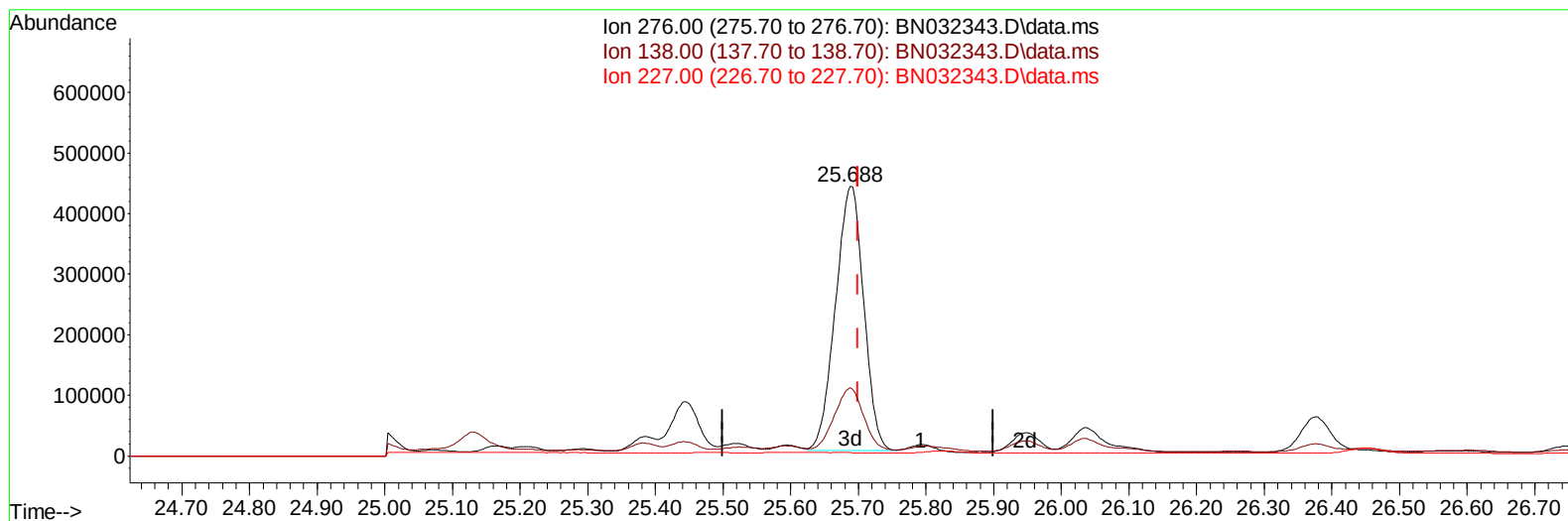
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032343.D
Acq On : 29 Jun 2024 09:53
Operator : MA/JU
Sample : P2934-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ0

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:05 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 :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032343.D\data.ms

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

25.688min (-0.012) 9.23 ng/ul m

response 1260899

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	2.72#
227.00	0.10	0.00#
0.00	0.00	0.00

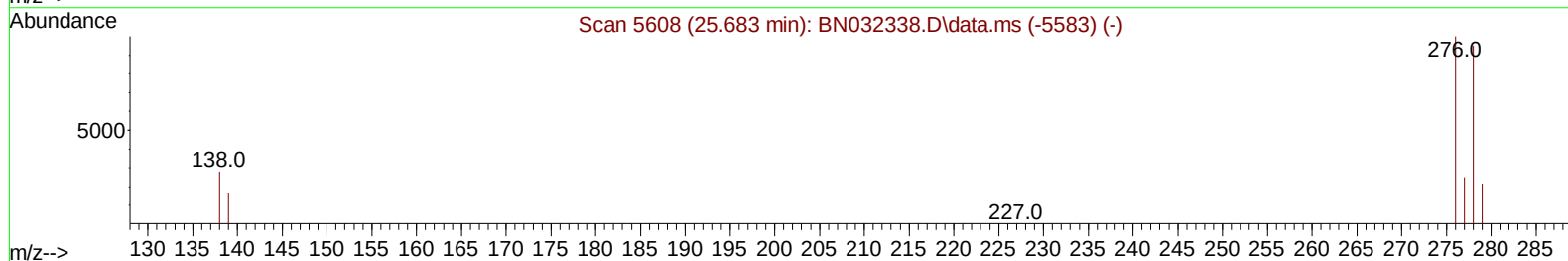
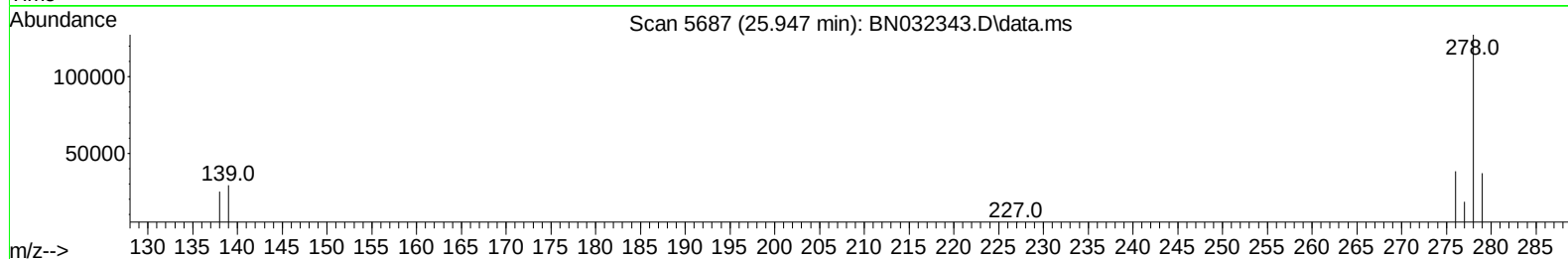
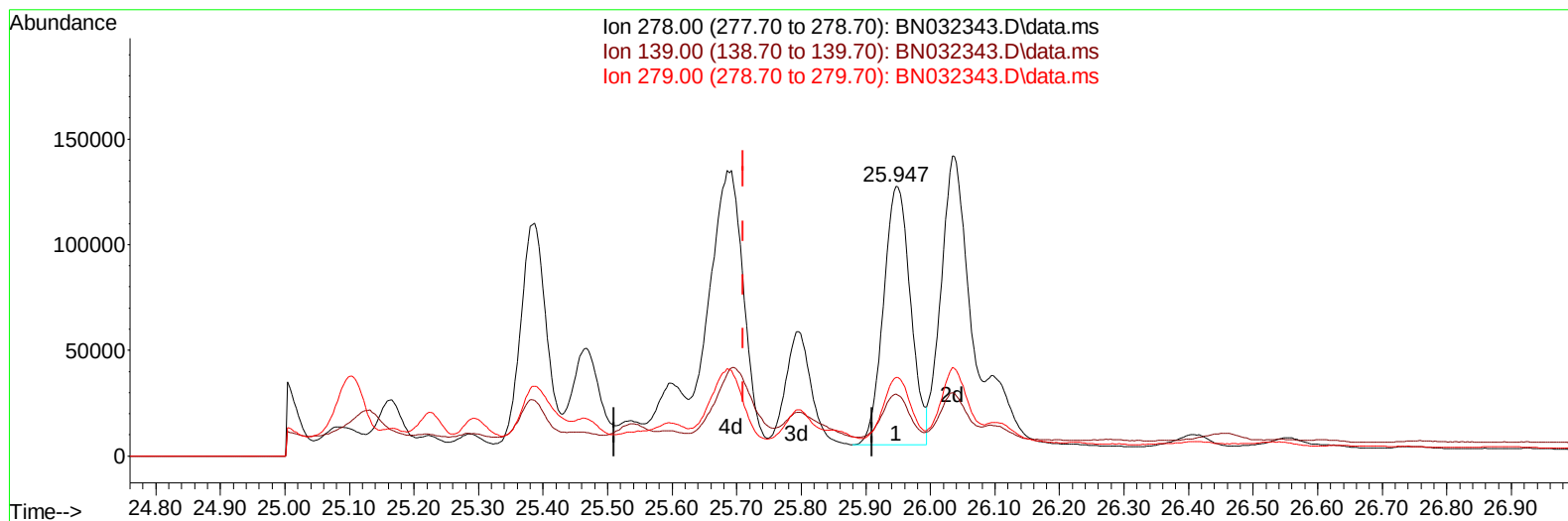
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032343.D
 Acq On : 29 Jun 2024 09:53
 Operator : MA/JU
 Sample : P2934-14
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ0

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:05 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 :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024



TIC: BN032343.D\data.ms

(28) Dibenzo(a,h)anthracene

25.947min (+ 0.237) 3.54 ng/u1

response 358750

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	22.94
279.00	26.40	29.08
0.00	0.00	0.00

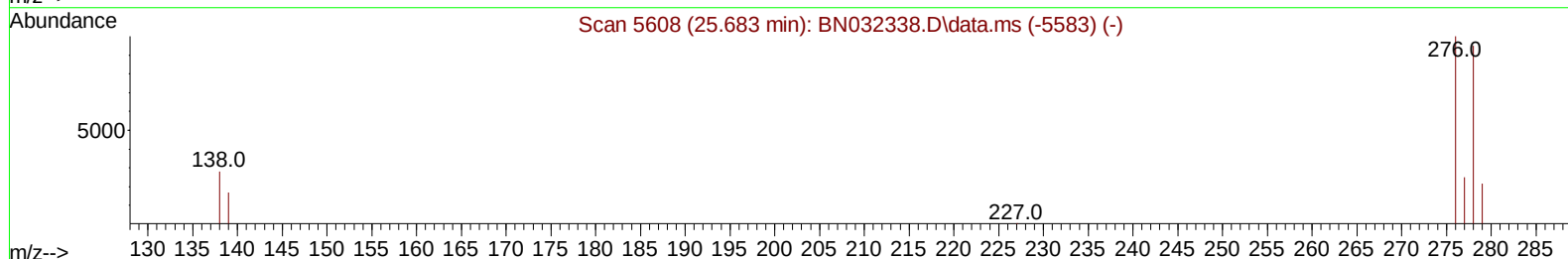
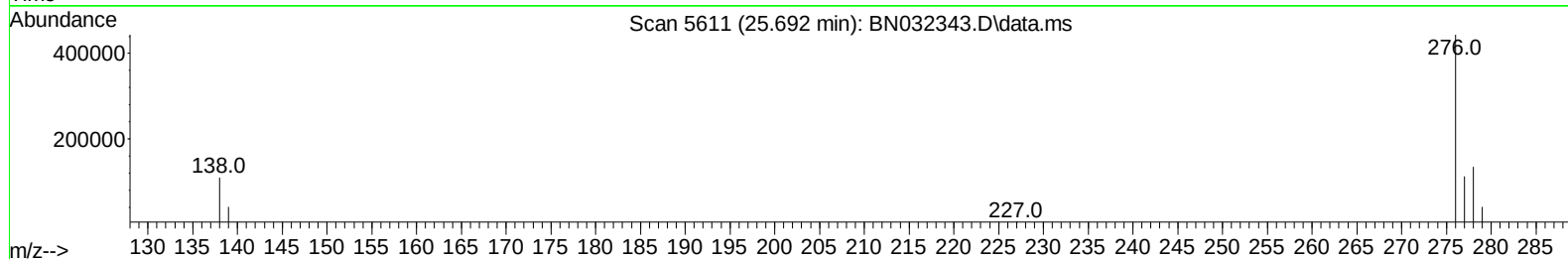
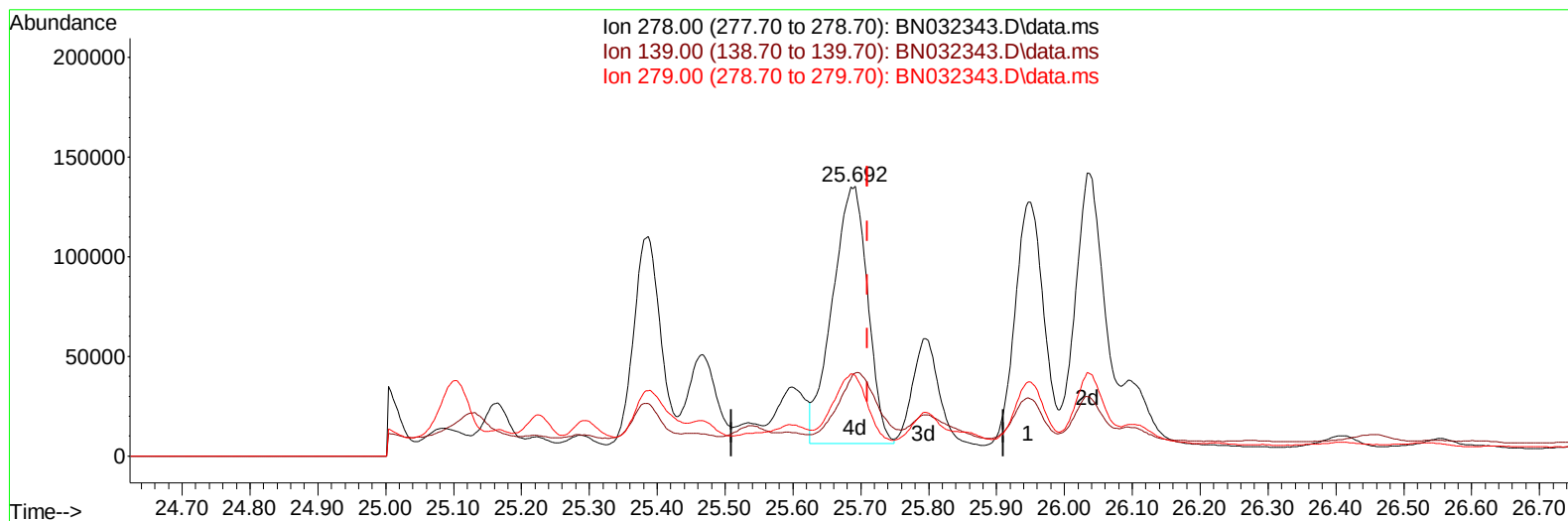
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032343.D
Acq On : 29 Jun 2024 09:53
Operator : MA/JU
Sample : P2934-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ0

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:05 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 :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032343.D\data.ms

(28) Dibenzo(a,h)anthracene

25.692min (-0.018) 4.59 ng/u1 m

response 465253

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	30.77#
279.00	26.40	29.91
0.00	0.00	0.00

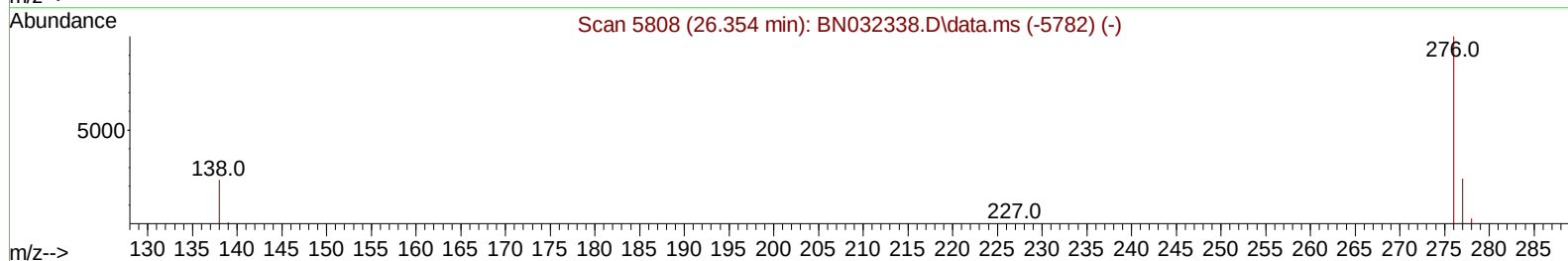
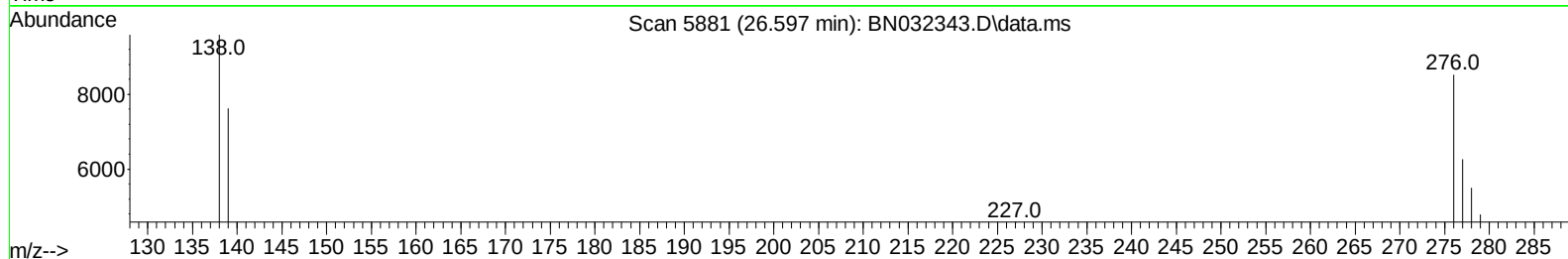
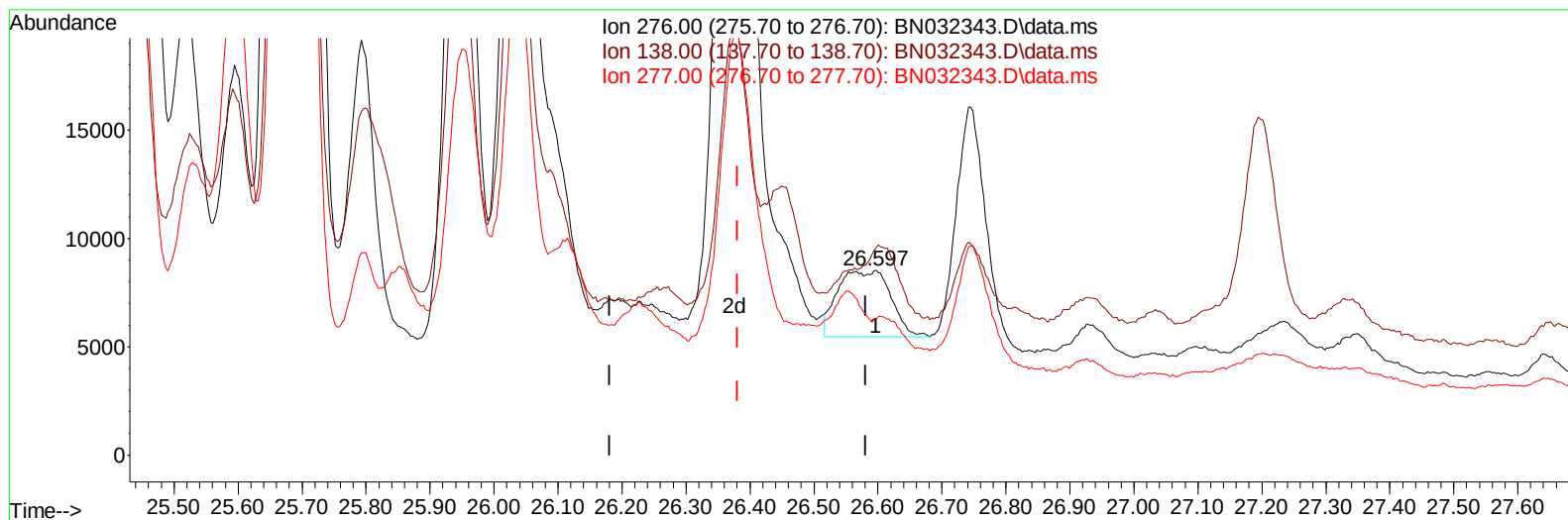
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032343.D
Acq On : 29 Jun 2024 09:53
Operator : MA/JU
Sample : P2934-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ0

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:05 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 :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032343.D\data.ms

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

26.597min (+ 0.217) 0.16 ng/u1

response 17592

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	112.46#
277.00	24.70	73.57#
0.00	0.00	0.00

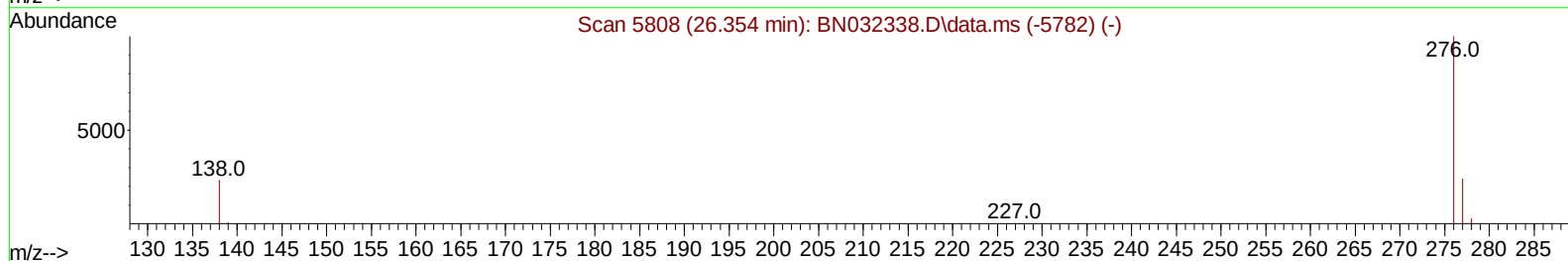
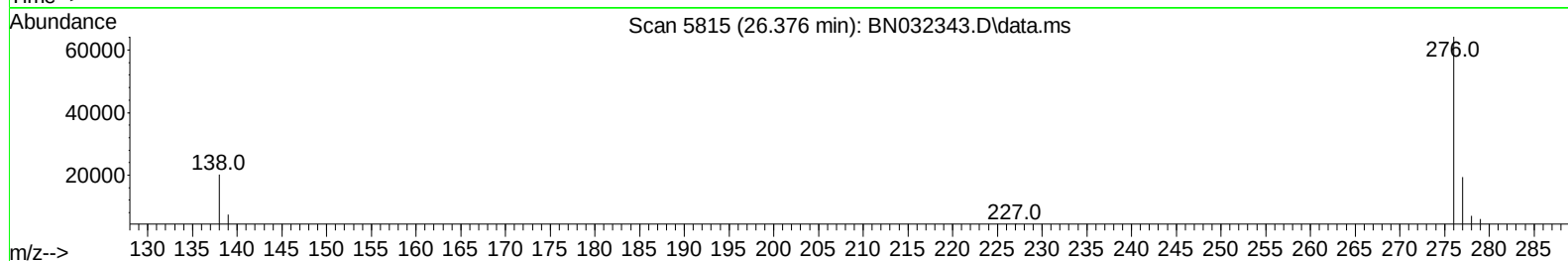
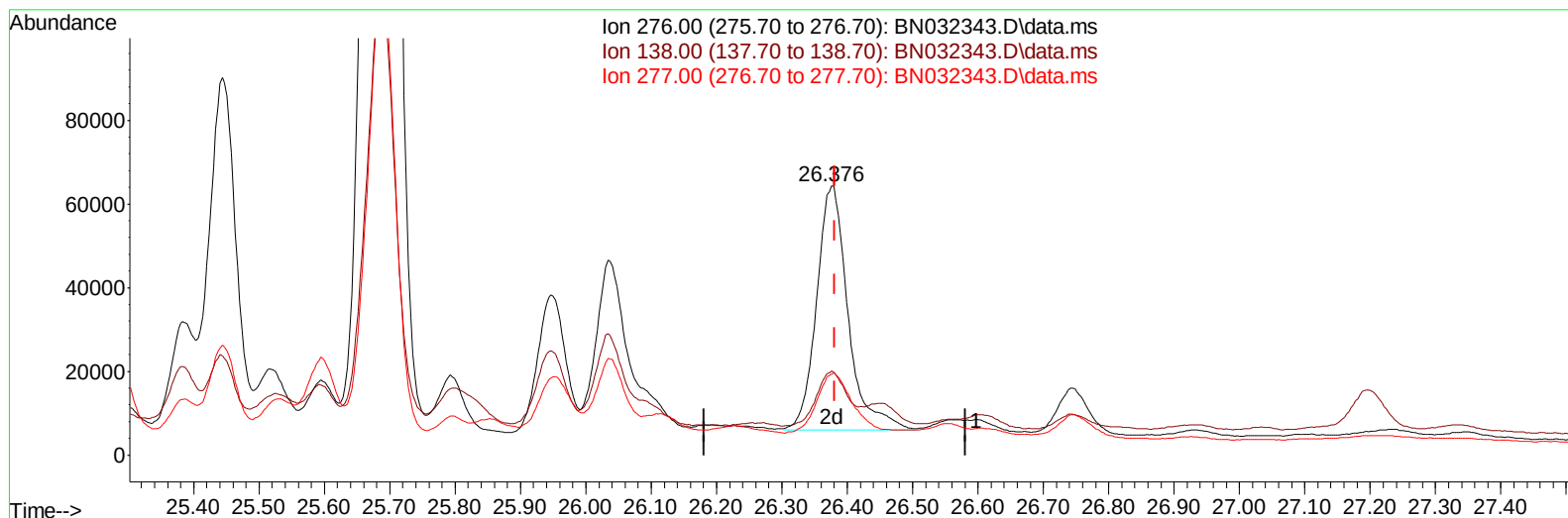
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032343.D
Acq On : 29 Jun 2024 09:53
Operator : MA/JU
Sample : P2934-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ0

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:05 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 :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032343.D\data.ms

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

26.376min (-0.005) 1.80 ng/ul m

response 195991

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	31.32#
277.00	24.70	30.04#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032343.D
 Acq On : 29 Jun 2024 09:53
 Operator : MA/JU
 Sample : P2934-14
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ0

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jun 30 23:04:05 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.612	152	9968	0.400	ng/ul	0.00
4) Naphthalene-d8	10.386	136	29076	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.256	164	15915	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.010	188	25966m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.216	240	16749m	0.400	ng/ul	-0.01
23) Perylene-d12	23.440	264	28849m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	48534	4.380	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.981	152	13469	0.309	ng/ul	-0.02
18) Fluoranthene-d10	19.044	212	20524m	0.407	ng/ul	-0.02
Target Compounds						
						Qvalue
5) Naphthalene	10.435	128	264208	3.434	ng/ul	99
7) 2-Methylnaphthalene	12.058	142	89889	1.763	ng/ul	99
8) 1-Methylnaphthalene	12.278	142	45871	0.867	ng/ul	99
10) Acenaphthylene	13.974	152	341319	5.157	ng/ul	99
11) Acenaphthene	14.317	153	70748	1.377	ng/ul	98
12) Fluorene	15.311	166	90211	1.474	ng/ul#	98
15) Phenanthrene	17.048	178	1671173m	23.475	ng/ul	
16) Anthracene	17.141	178	534614m	8.419	ng/ul	
19) Fluoranthene	19.077	202	2933087m	45.988	ng/ul	
20) Pyrene	19.444	202	2341198m	35.126	ng/ul	
21) Benzo(a)anthracene	21.198	228	1613791m	26.695	ng/ul	
22) Chrysene	21.251	228	1893897m	28.544	ng/ul	
24) Benzo(b)fluoranthene	22.776	252	2550484m	20.349	ng/ul	
25) Benzo(k)fluoranthene	22.814	252	877218m	7.203	ng/ul	
26) Benzo(a)pyrene	23.344	252	1058731m	12.141	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.688	276	1260899m	9.234	ng/ul	
28) Dibenzo(a,h)anthracene	25.692	278	465253m	4.586	ng/ul	
29) Benzo(g,h,i)perylene	26.376	276	195991m	1.802	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032343.D
Acq On : 29 Jun 2024 09:53
Operator : MA/JU
Sample : P2934-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CQ0

Manual IntegrationsAPPROVED

Quant Time: Jun 30 23:04:05 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 :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

