

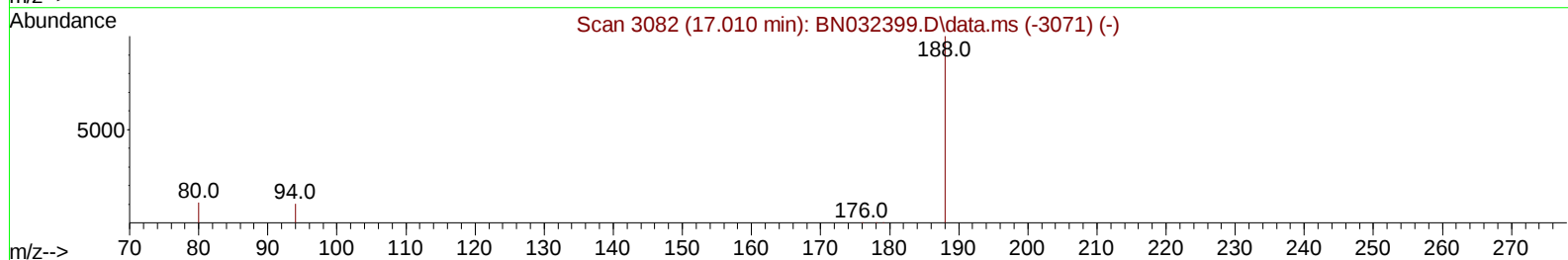
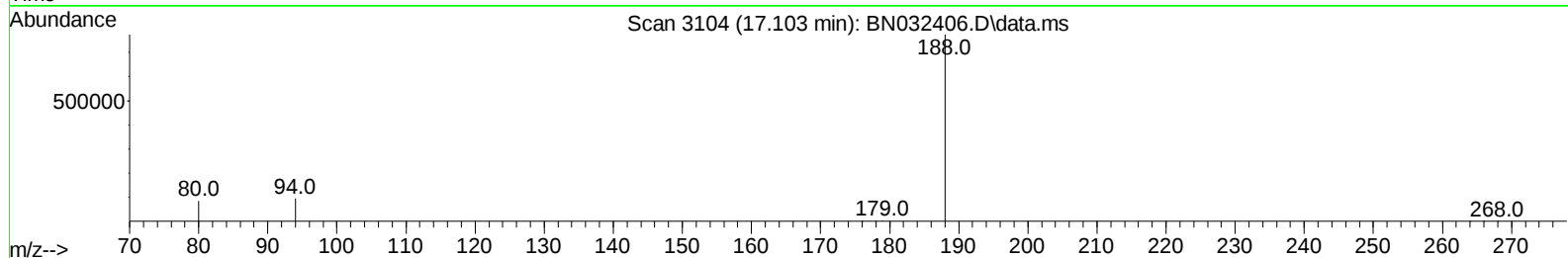
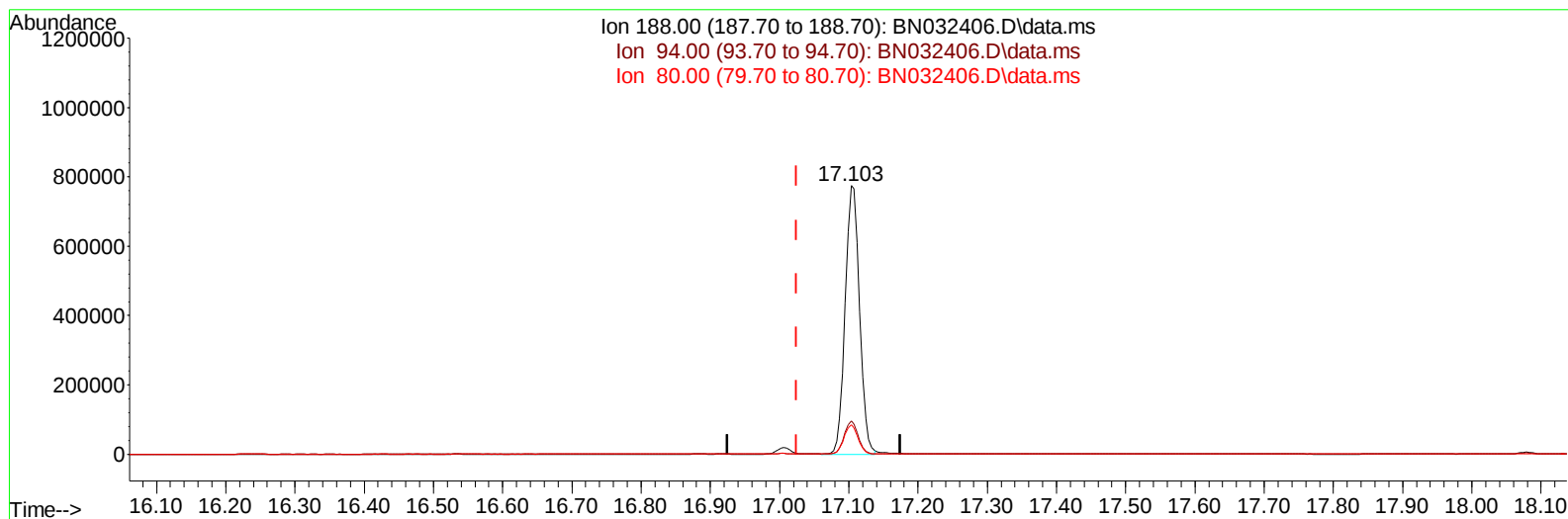
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032406.D
Acq On : 02 Jul 2024 18:24
Operator : MA/JU
Sample : P2871-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ1

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:40 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032406.D\data.ms

(13) Phenanthrene-d10 (I)

17.103min (+ 0.079) 0.40 ng/u1

response 1119765

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	12.36#
80.00	10.50	10.94
0.00	0.00	0.00

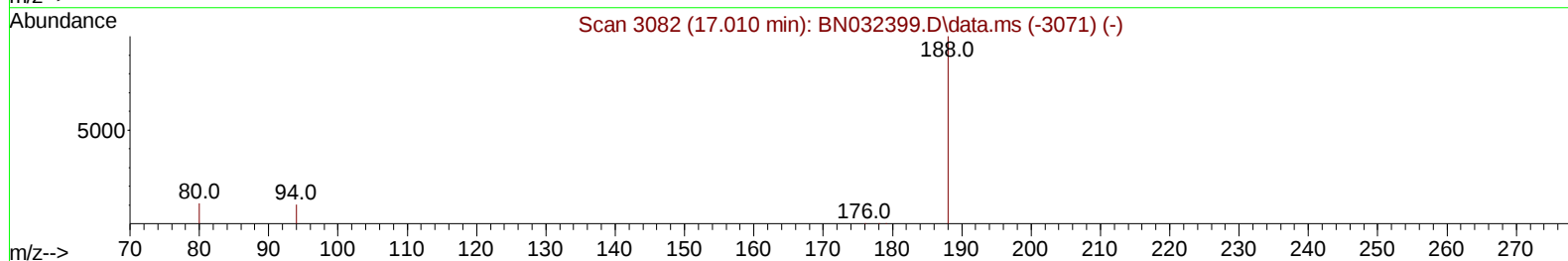
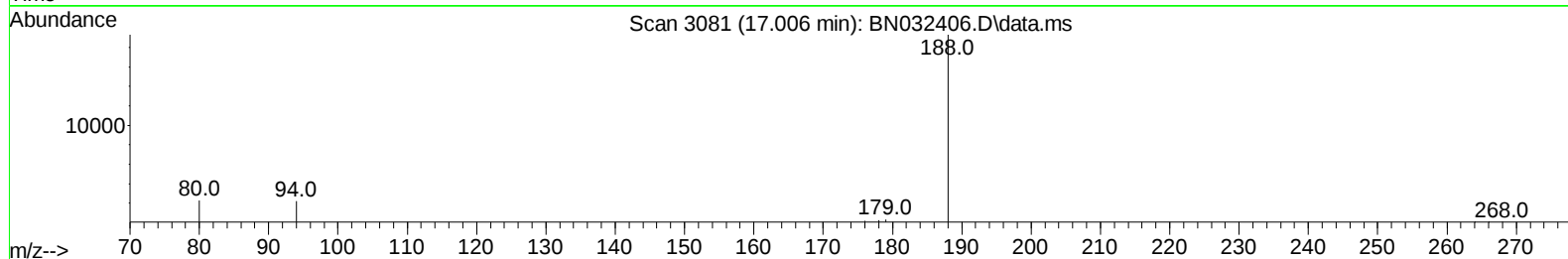
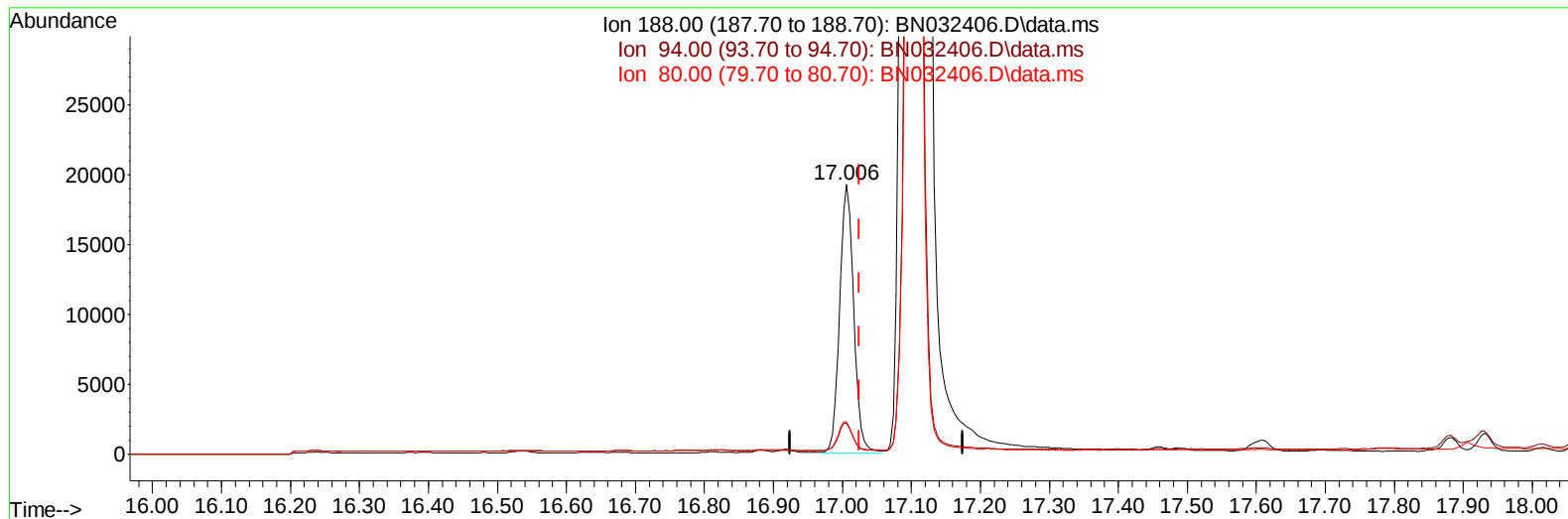
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032406.D
Acq On : 02 Jul 2024 18:24
Operator : MA/JU
Sample : P2871-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ1

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:40 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032406.D\data.ms

(13) Phenanthrene-d10 (I)

17.006min (-0.018) 0.40 ng/ul m

response 27282

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.47
80.00	10.50	11.83
0.00	0.00	0.00

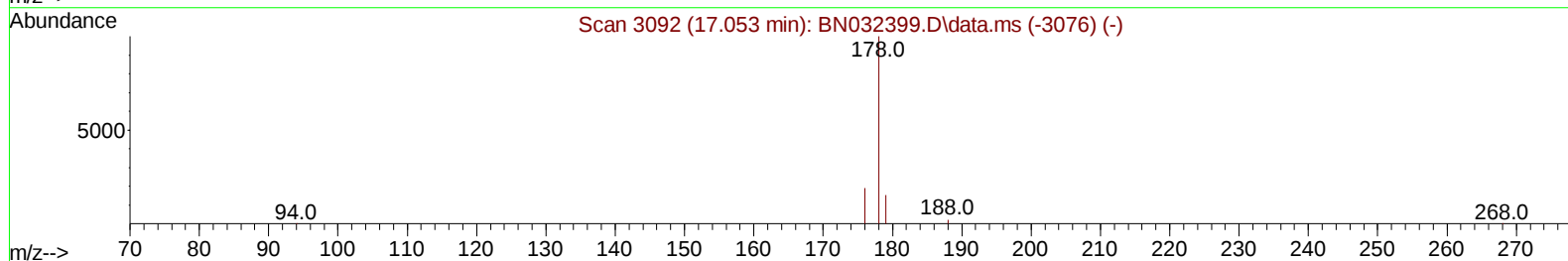
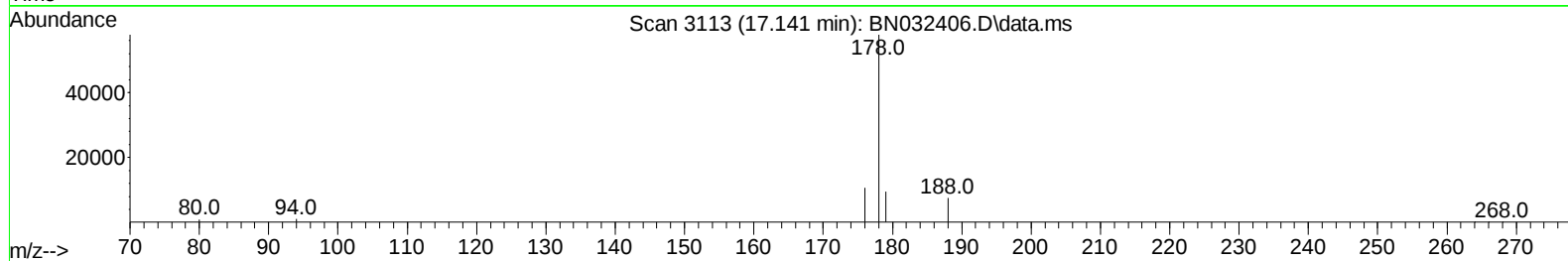
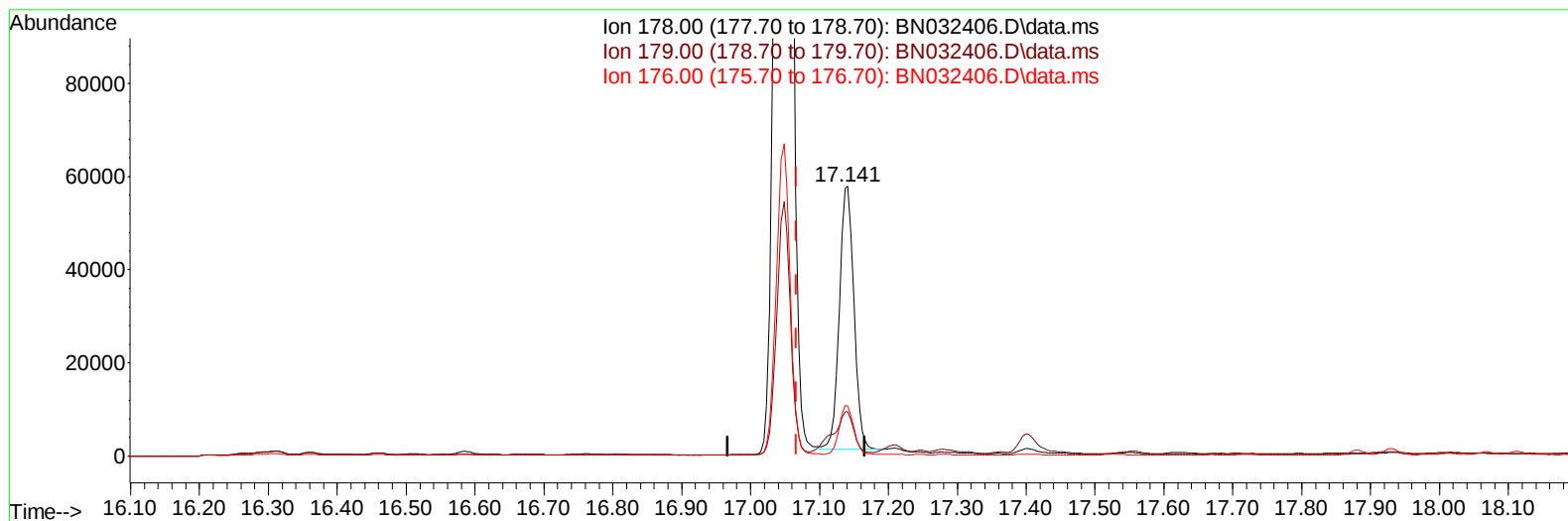
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032406.D
Acq On : 02 Jul 2024 18:24
Operator : MA/JU
Sample : P2871-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ1

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:40 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032406.D\data.ms

(15) Phenanthrene

17.141min (+ 0.075) 1.11 ng/u1

response 83033

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	16.29
176.00	19.50	18.50
0.00	0.00	0.00

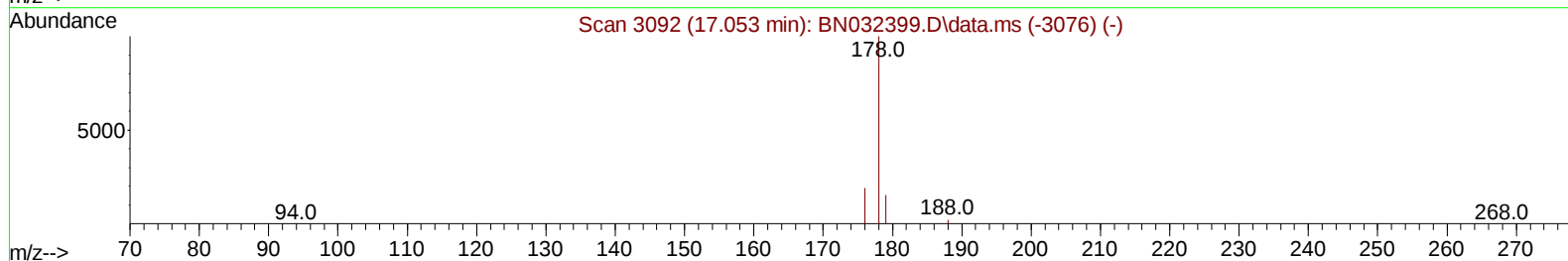
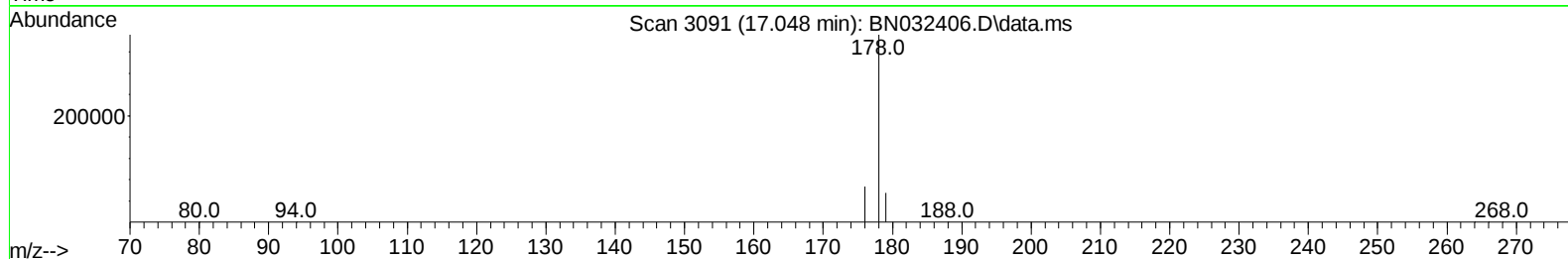
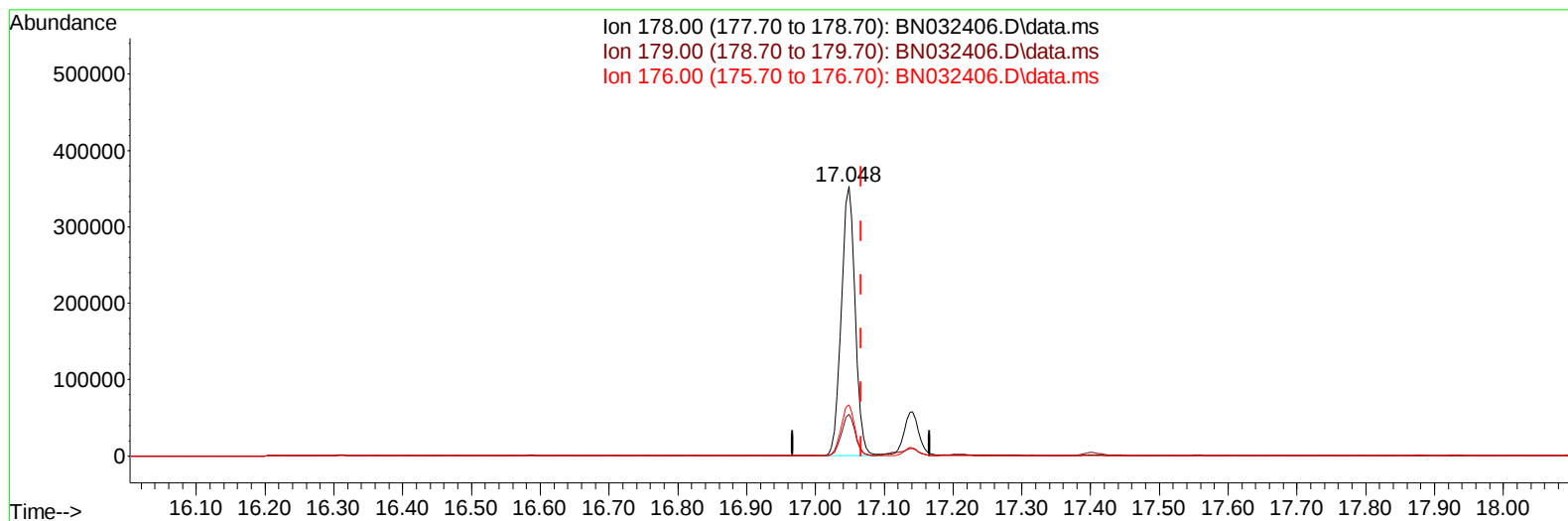
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032406.D
Acq On : 02 Jul 2024 18:24
Operator : MA/JU
Sample : P2871-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ1

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:40 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032406.D\data.ms

(15) Phenanthrene

17.048min (-0.018) 6.63 ng/ul m

response 496268

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.49
176.00	19.50	18.99
0.00	0.00	0.00

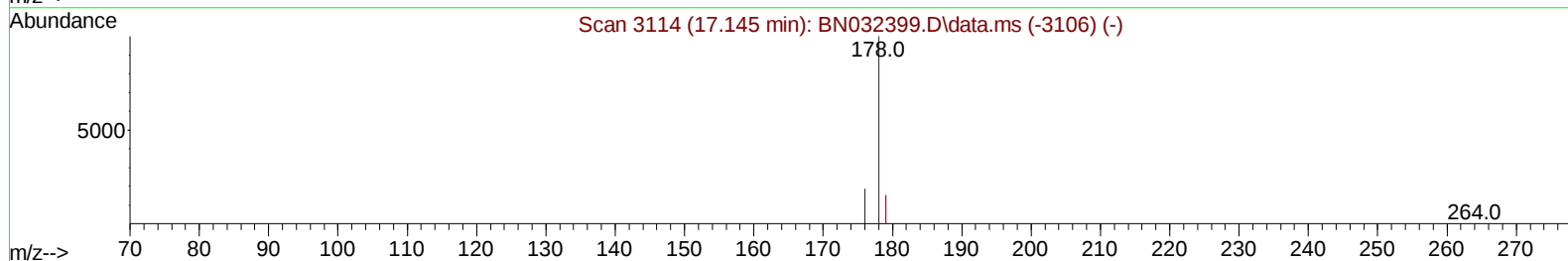
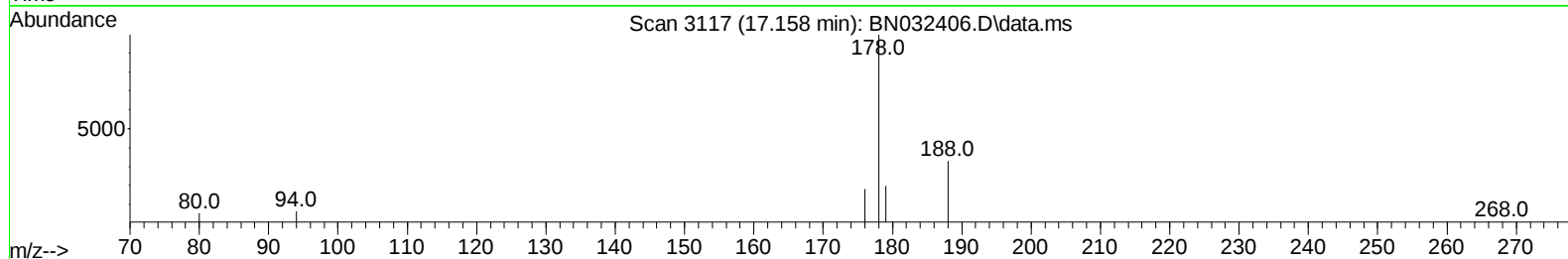
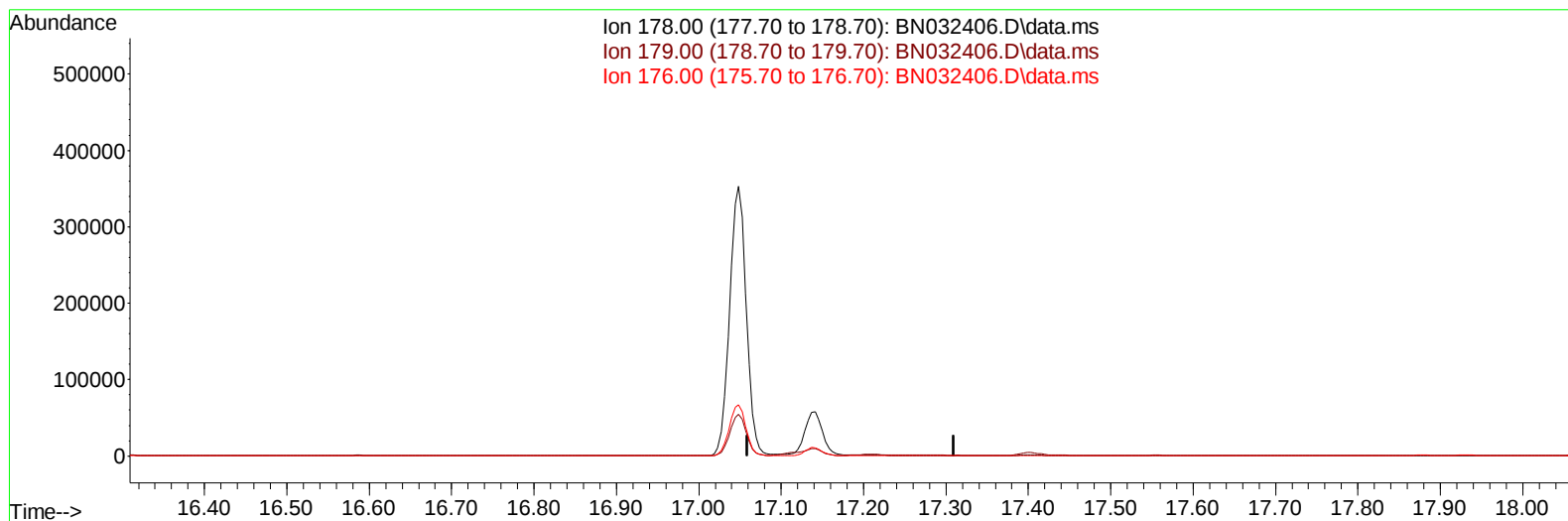
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032406.D
Acq On : 02 Jul 2024 18:24
Operator : MA/JU
Sample : P2871-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ1

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:40 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032406.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

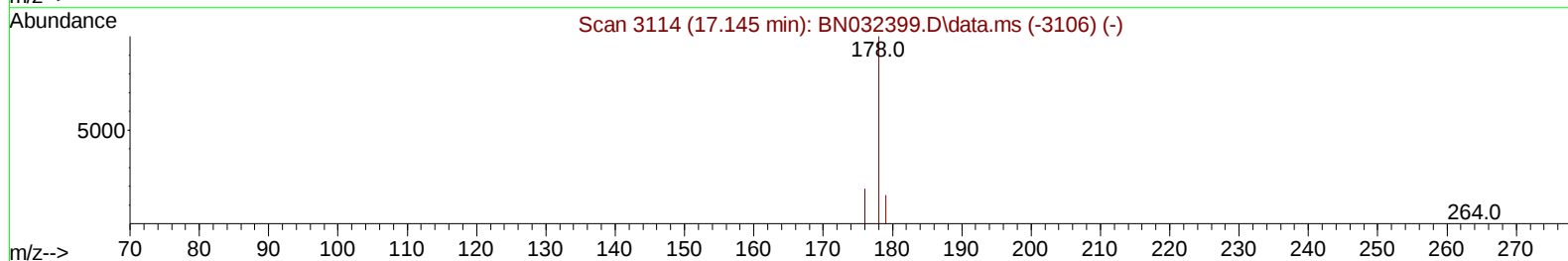
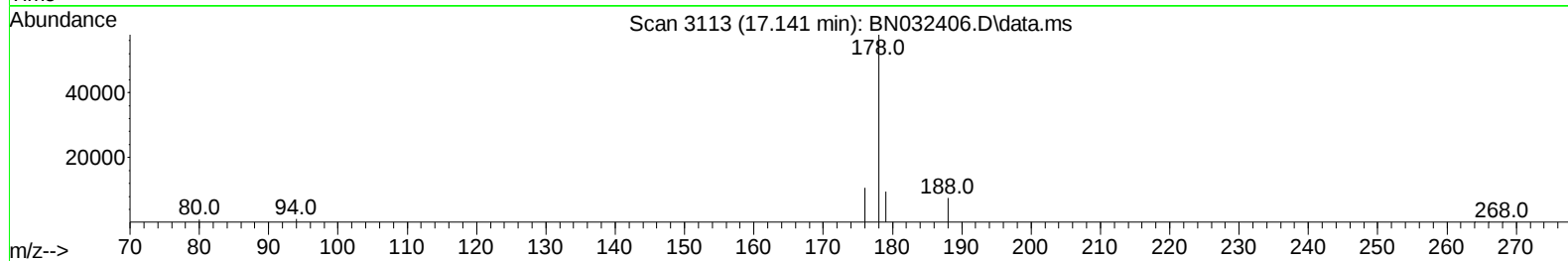
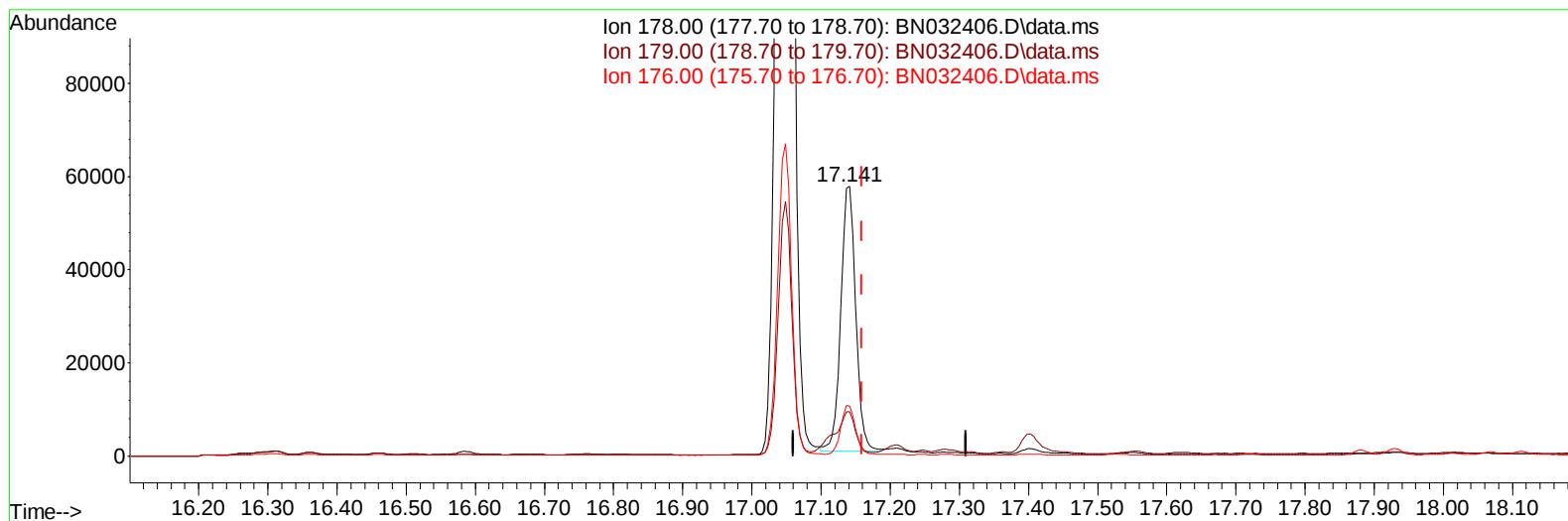
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032406.D
Acq On : 02 Jul 2024 18:24
Operator : MA/JU
Sample : P2871-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ1

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:40 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032406.D\data.ms

(16) Anthracene

17.141min (-0.018) 1.27 ng/ul m

response 85001

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	16.29
176.00	18.80	18.50
0.00	0.00	0.00

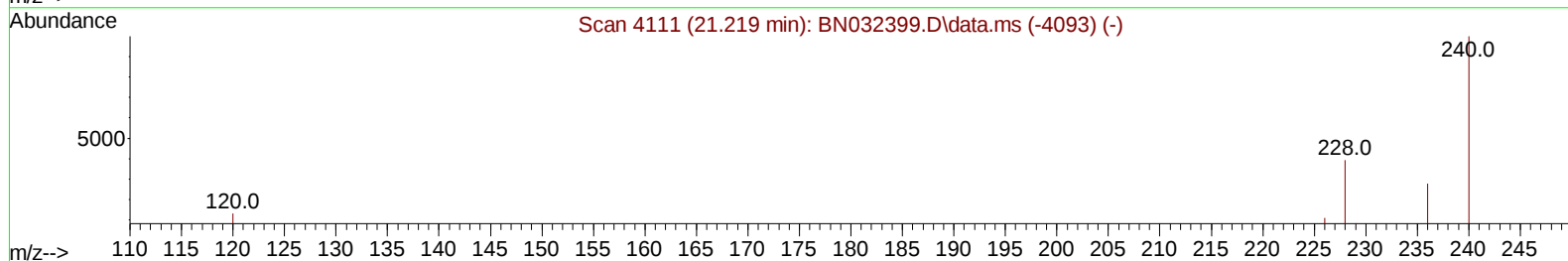
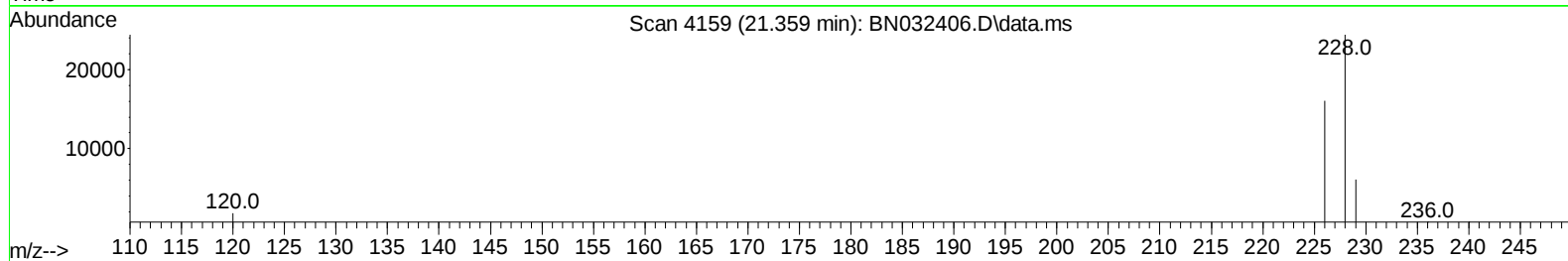
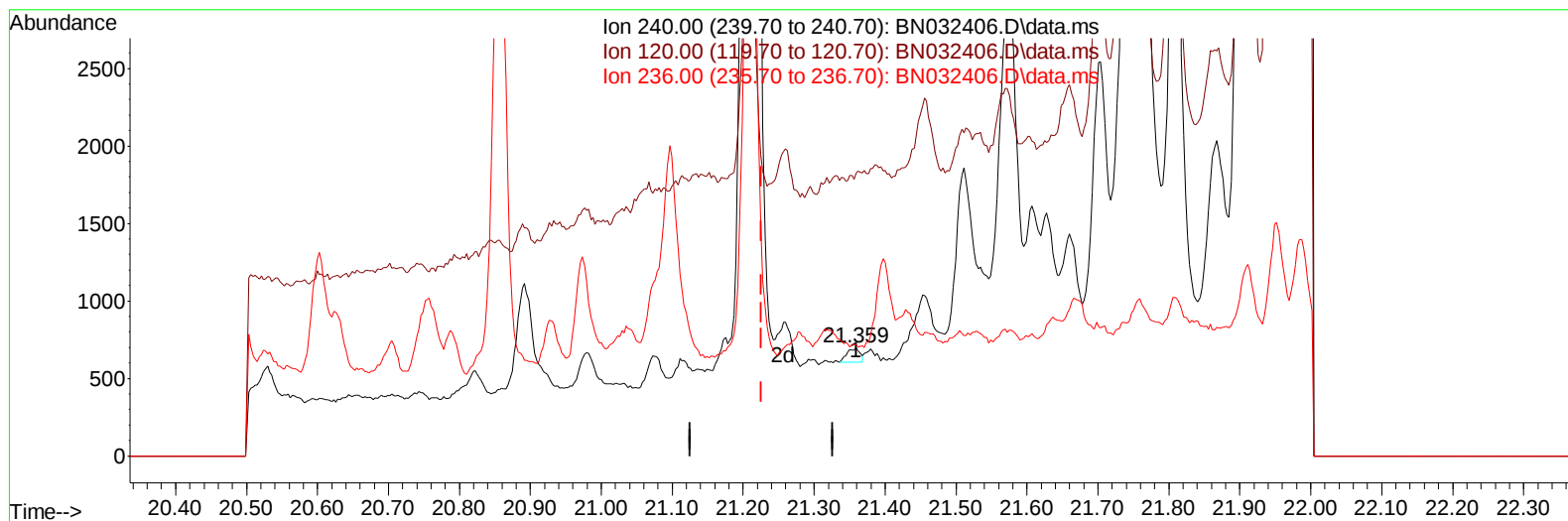
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032406.D
Acq On : 02 Jul 2024 18:24
Operator : MA/JU
Sample : P2871-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ1

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:40 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032406.D\data.ms

(17) Chrysene-d12

21.359min (+ 0.133) 0.40 ng/u1

response 115

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	259.77#
236.00	28.40	102.85#
0.00	0.00	0.00

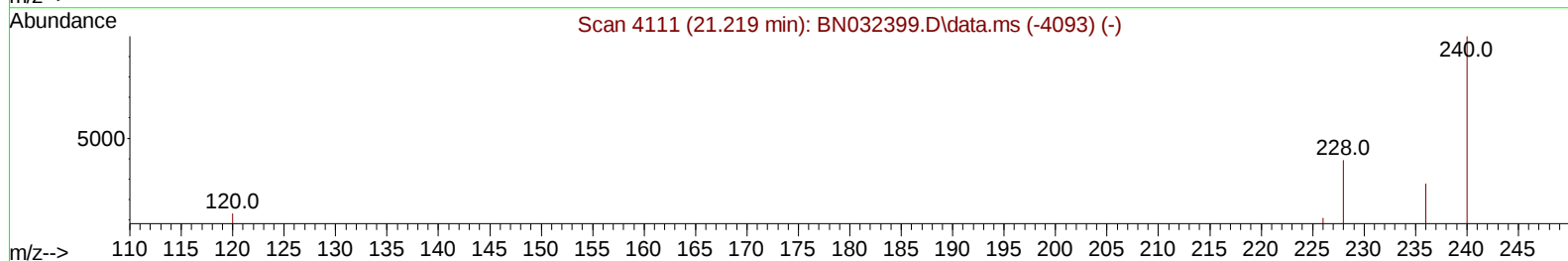
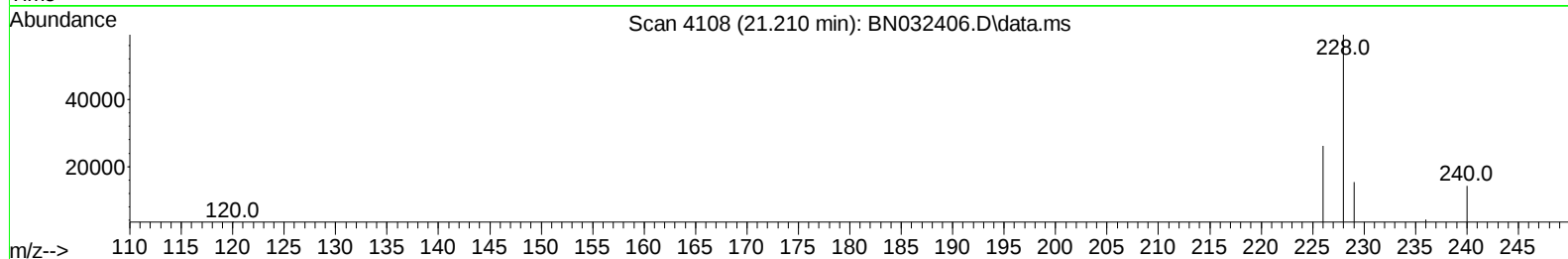
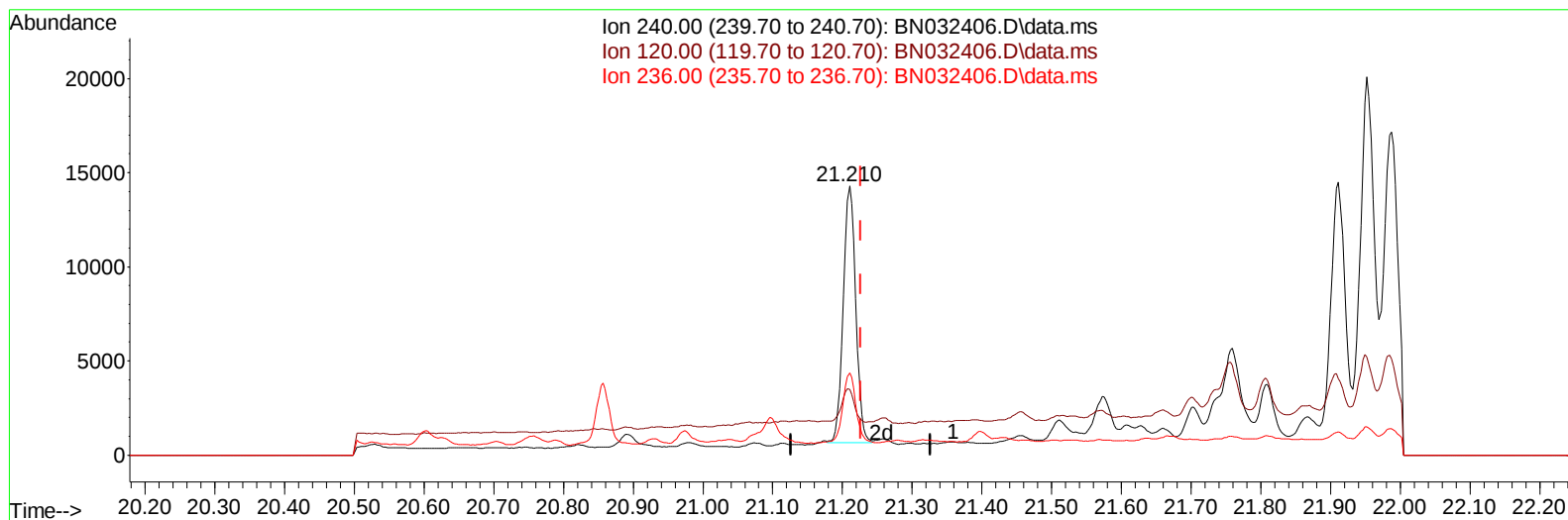
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032406.D
Acq On : 02 Jul 2024 18:24
Operator : MA/JU
Sample : P2871-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ1

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:40 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032406.D\data.ms

(17) Chrysene-d12

21.210min (-0.016) 0.40 ng/u1 m

response 17129

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	24.50#
236.00	28.40	30.50
0.00	0.00	0.00

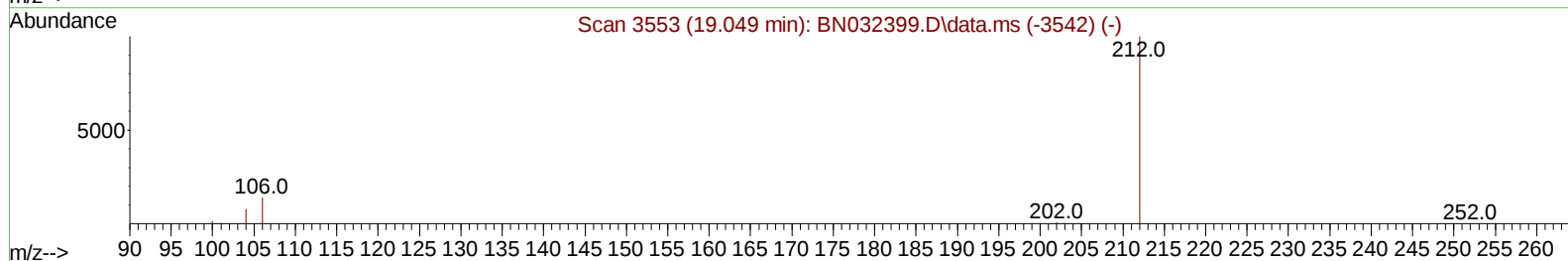
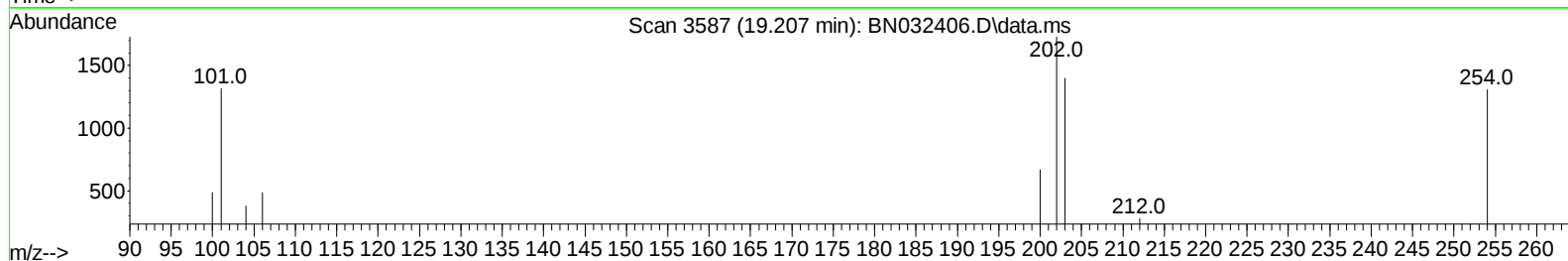
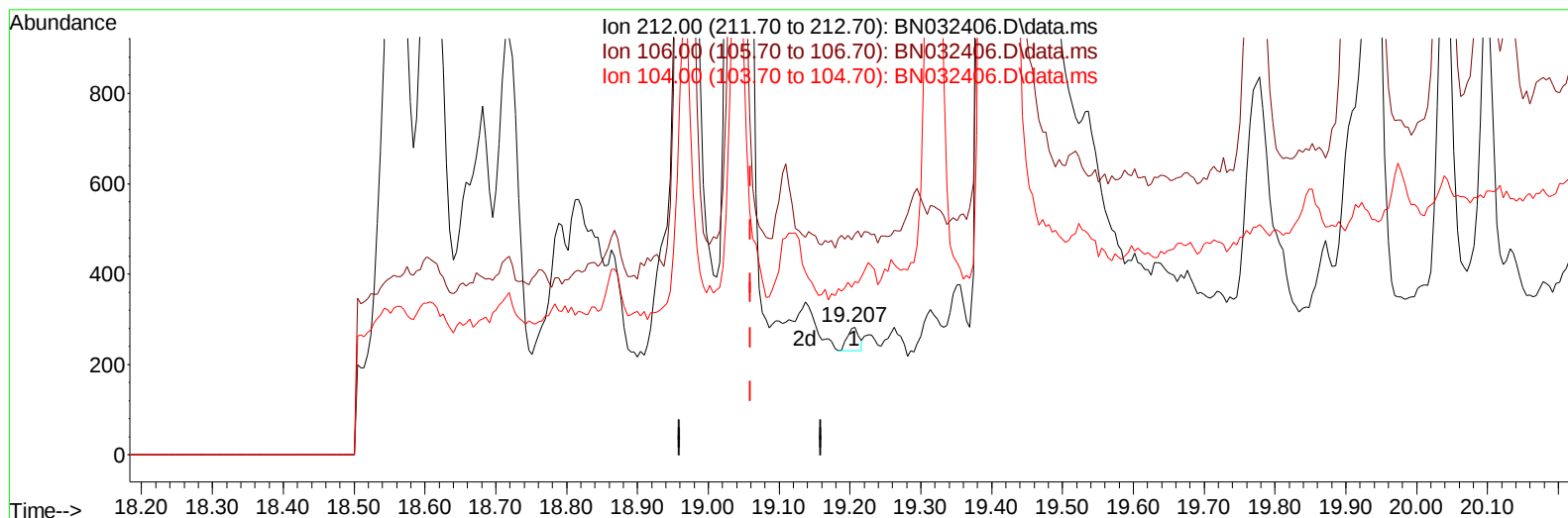
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032406.D
Acq On : 02 Jul 2024 18:24
Operator : MA/JU
Sample : P2871-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ1

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:40 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032406.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.207min (+ 0.147) 0.00 ng/u1

response 58

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	17.24
104.00	8.40	294.83#
0.00	0.00	0.00

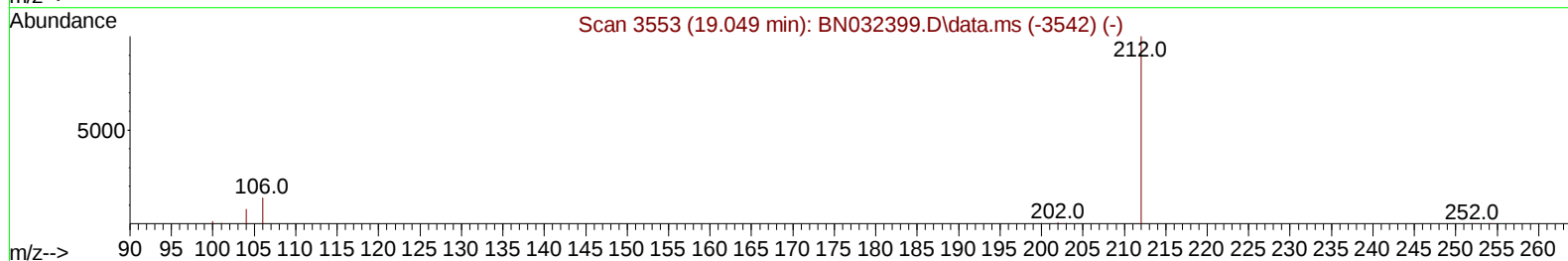
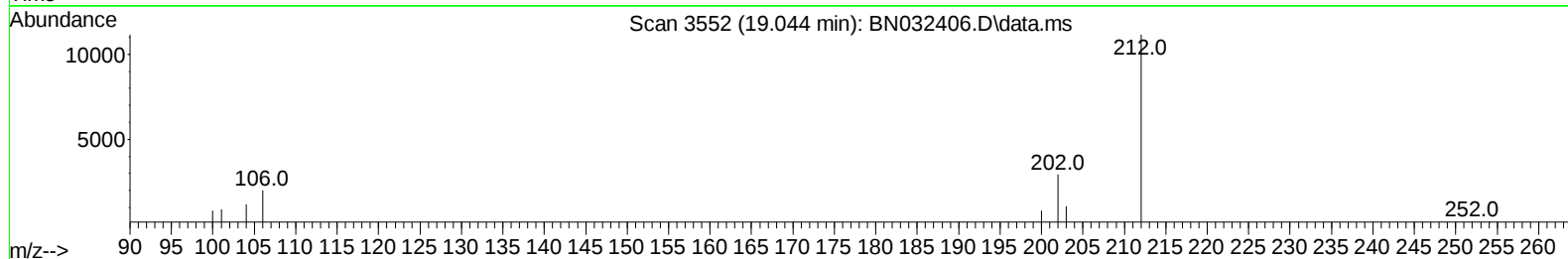
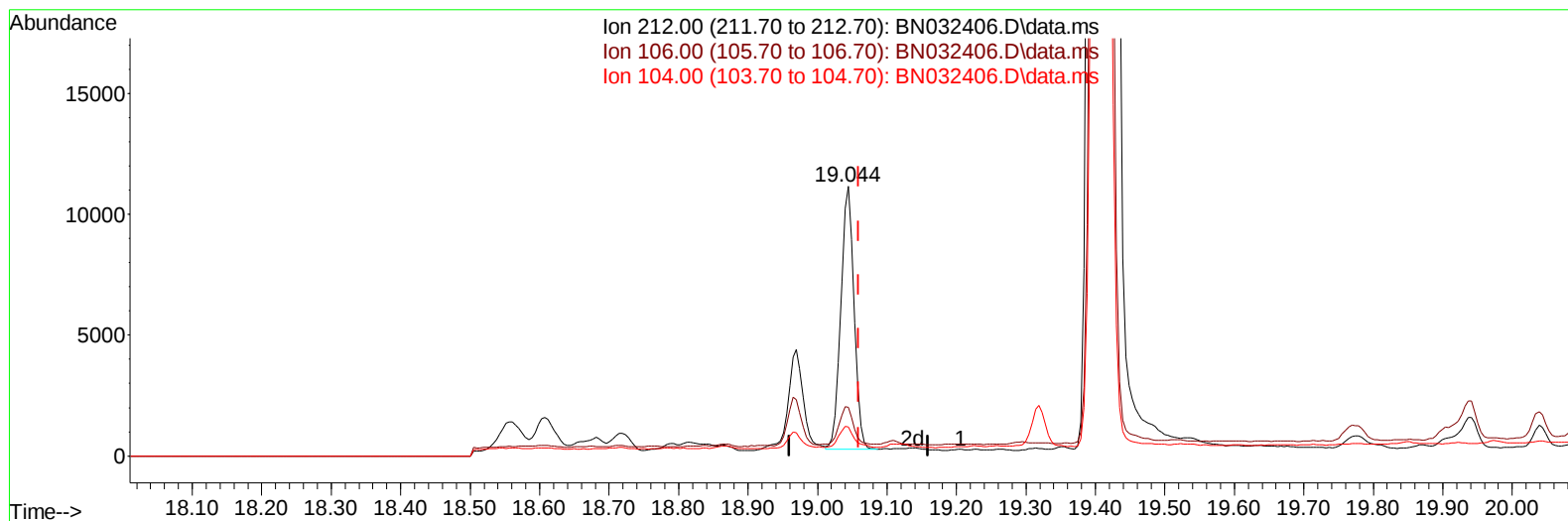
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032406.D
Acq On : 02 Jul 2024 18:24
Operator : MA/JU
Sample : P2871-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ1

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:40 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032406.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.044min (-0.015) 0.28 ng/u1 m

response 14309

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	0.07#
104.00	8.40	1.20#
0.00	0.00	0.00

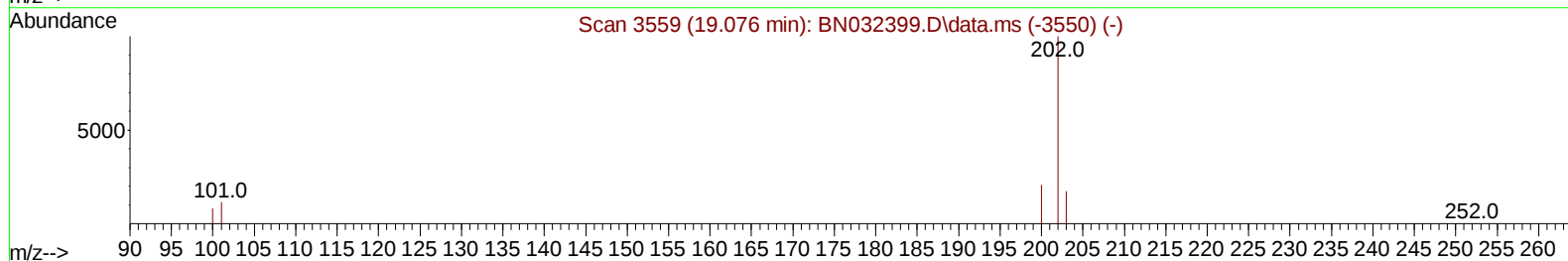
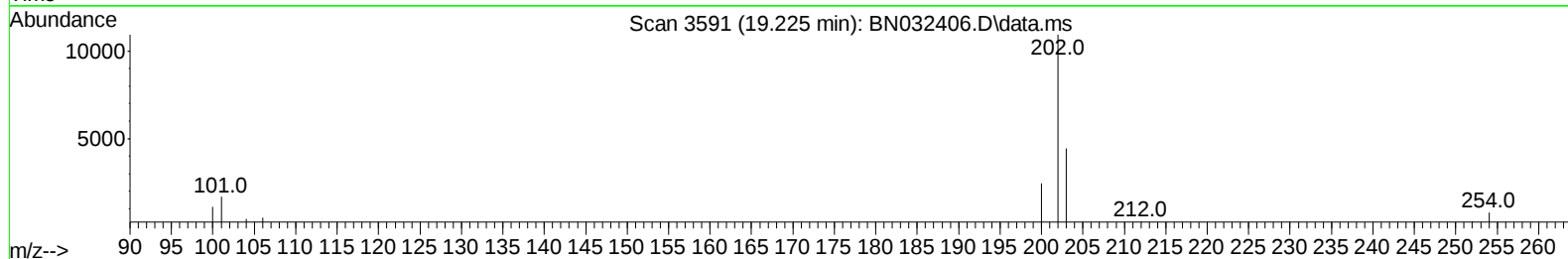
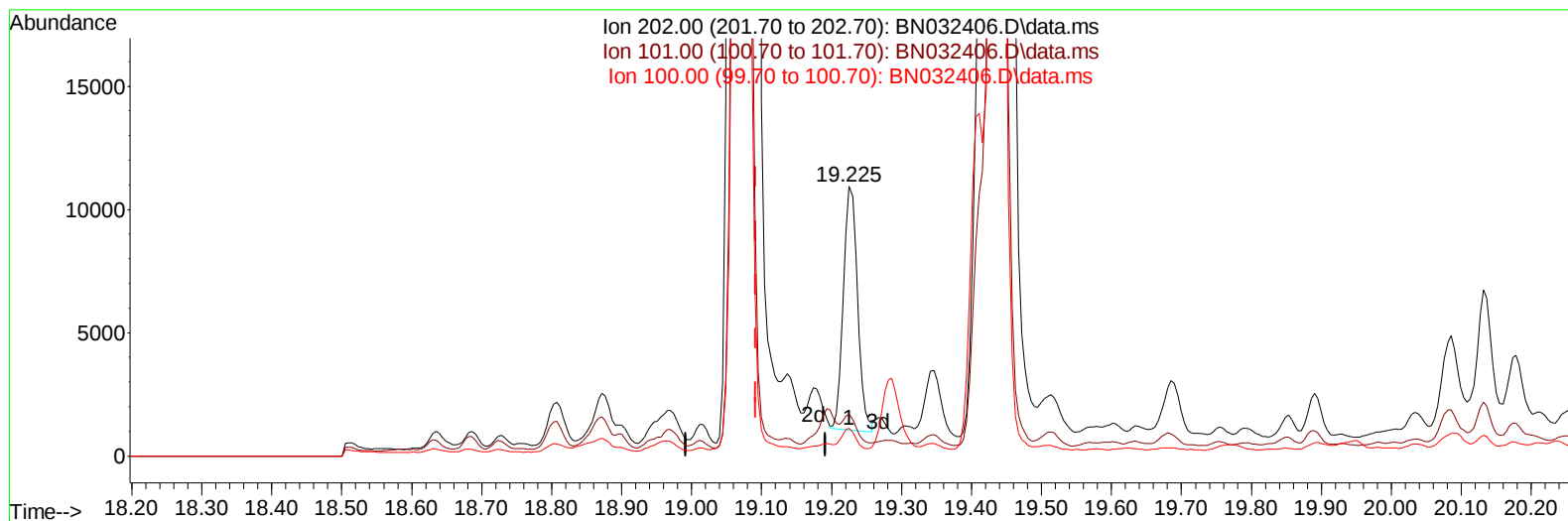
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032406.D
Acq On : 02 Jul 2024 18:24
Operator : MA/JU
Sample : P2871-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ1

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:40 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032406.D\data.ms

(19) Fluoranthene (C)

19.225min (+ 0.133) 0.21 ng/u1

response 13765

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	15.35#
100.00	8.00	10.21#
0.00	0.00	0.00

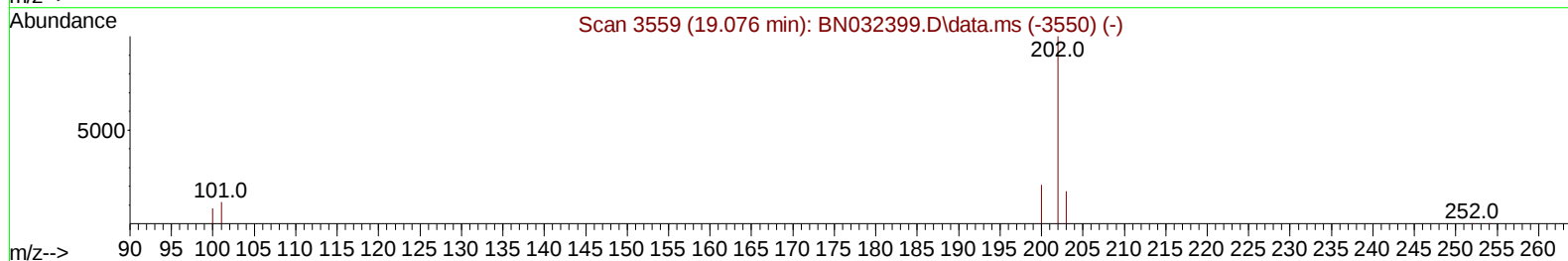
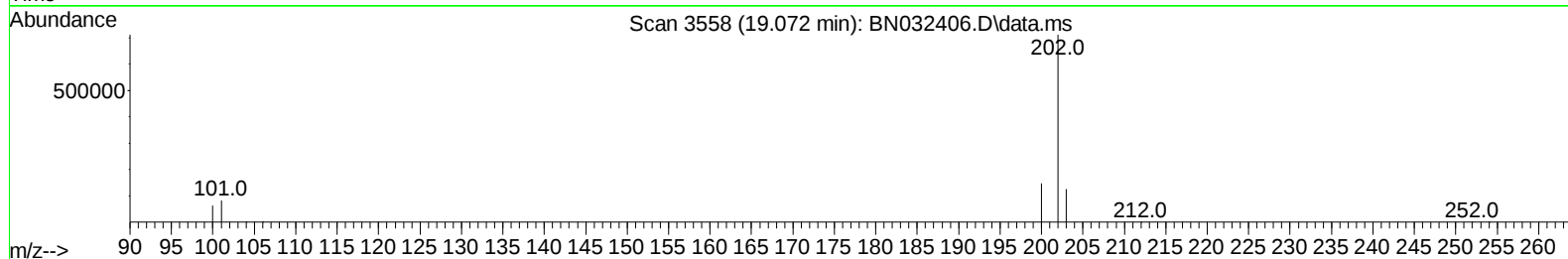
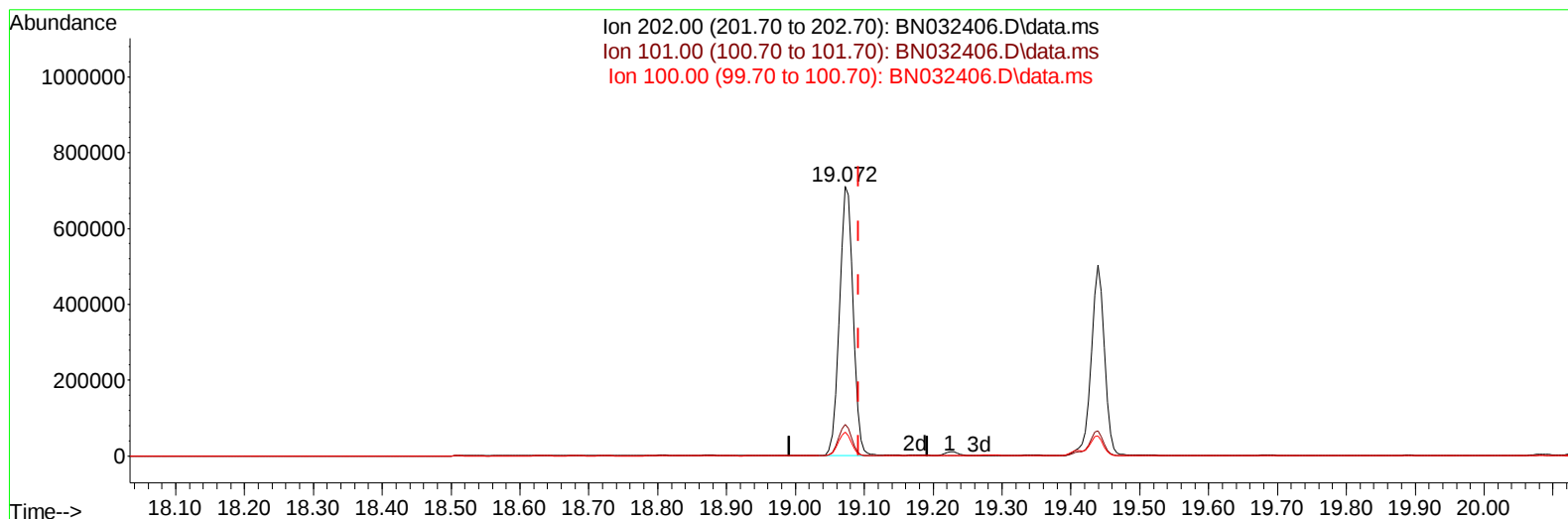
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032406.D
Acq On : 02 Jul 2024 18:24
Operator : MA/JU
Sample : P2871-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ1

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:40 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032406.D\data.ms

(19) Fluoranthene (C)

19.072min (-0.020) 15.04 ng/ul m

response 981008

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.67
100.00	8.00	8.77
0.00	0.00	0.00

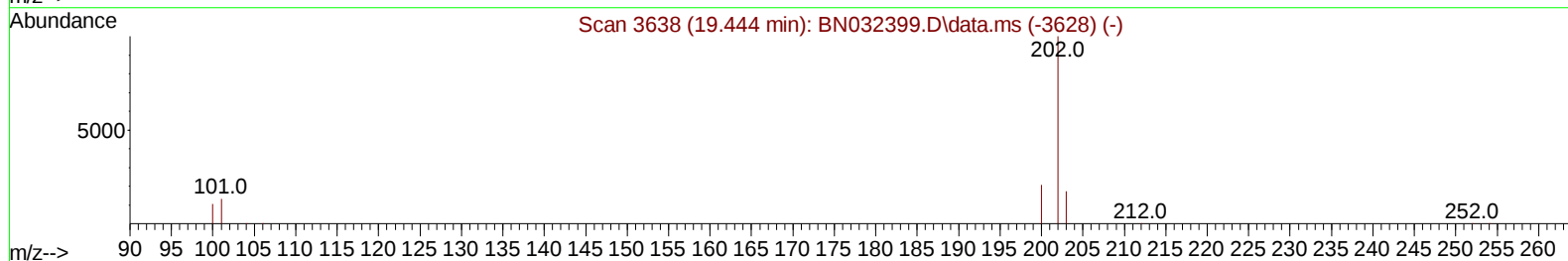
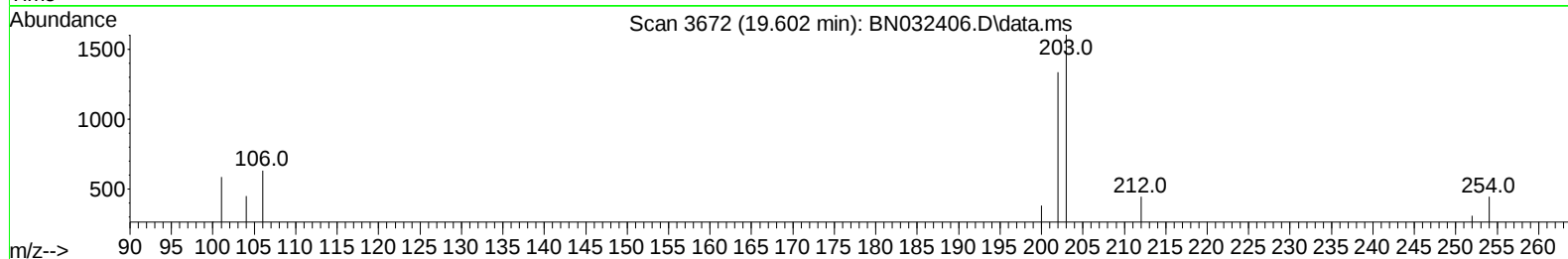
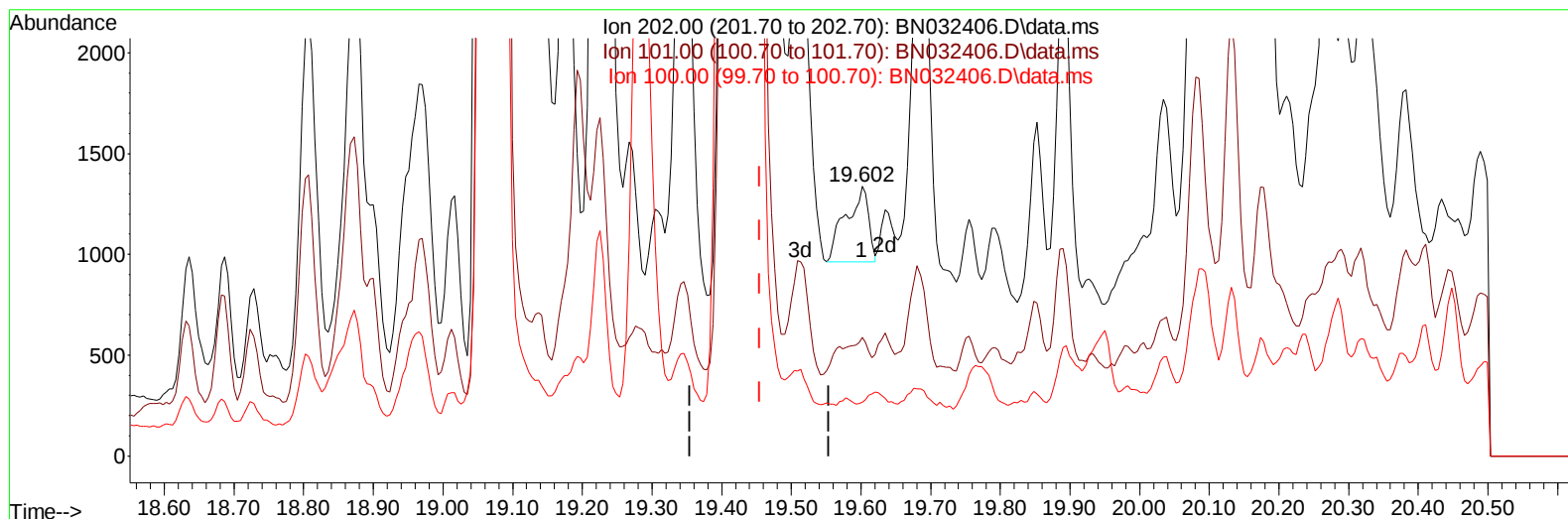
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032406.D
 Acq On : 02 Jul 2024 18:24
 Operator : MA/JU
 Sample : P2871-11
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CJ1

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:40 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 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024



TIC: BN032406.D\data.ms

(20) Pyrene

19.602min (+ 0.147) 0.01 ng/u1

response 847

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	43.98#
100.00	10.90	19.82#
0.00	0.00	0.00

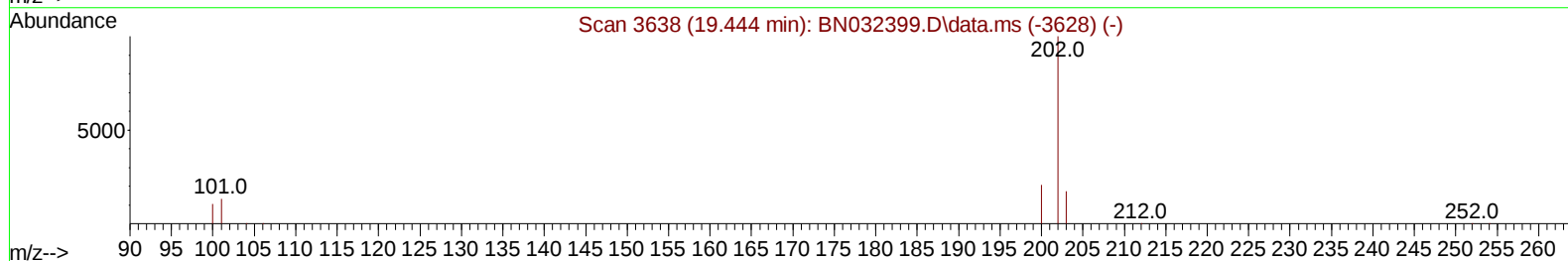
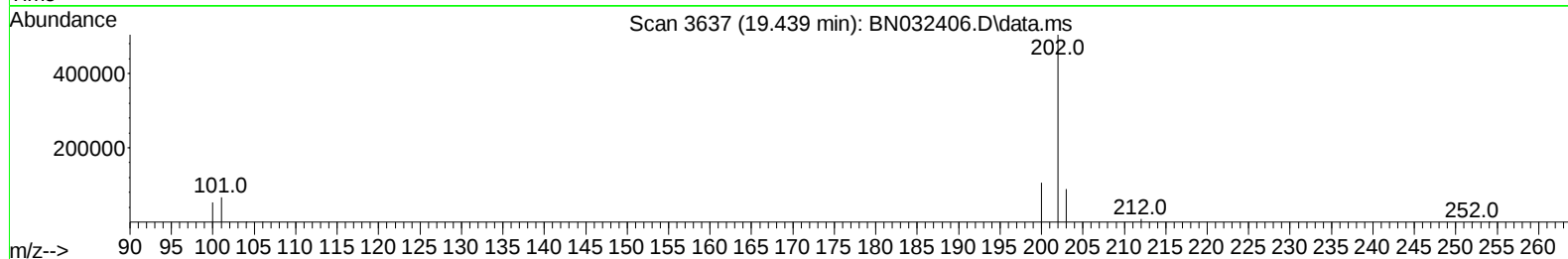
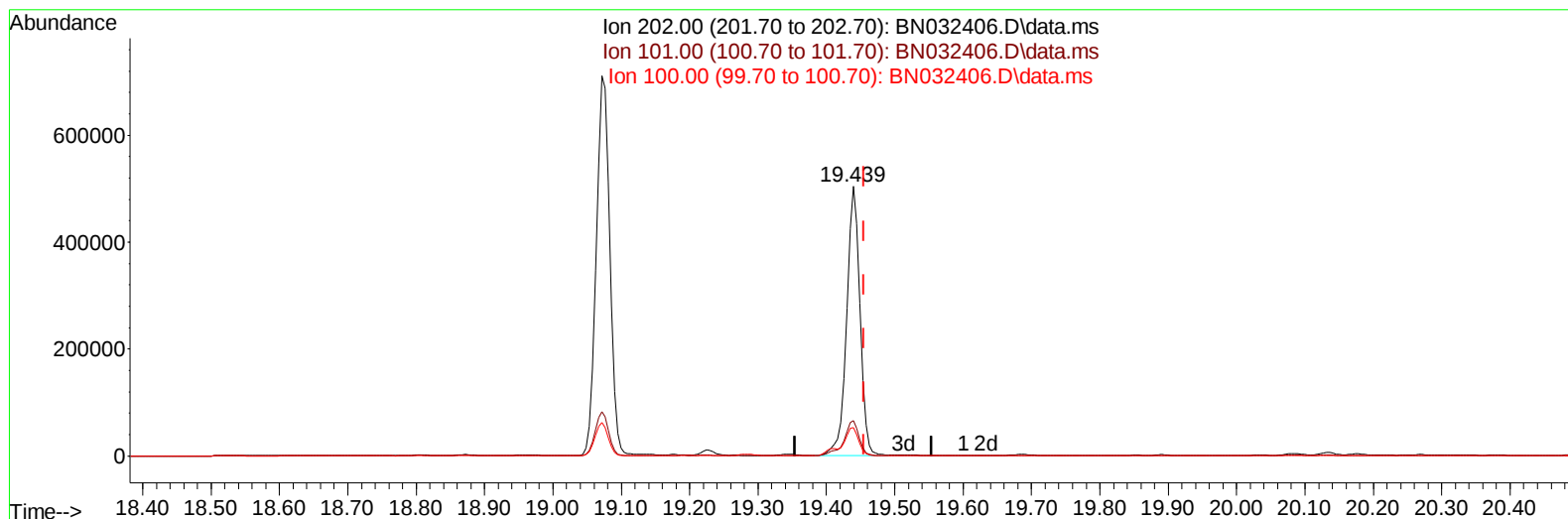
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032406.D
Acq On : 02 Jul 2024 18:24
Operator : MA/JU
Sample : P2871-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ1

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:40 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032406.D\data.ms

(20) Pyrene

19.439min (-0.015) 10.00 ng/ul m

response 681314

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	13.18
100.00	10.90	10.56
0.00	0.00	0.00

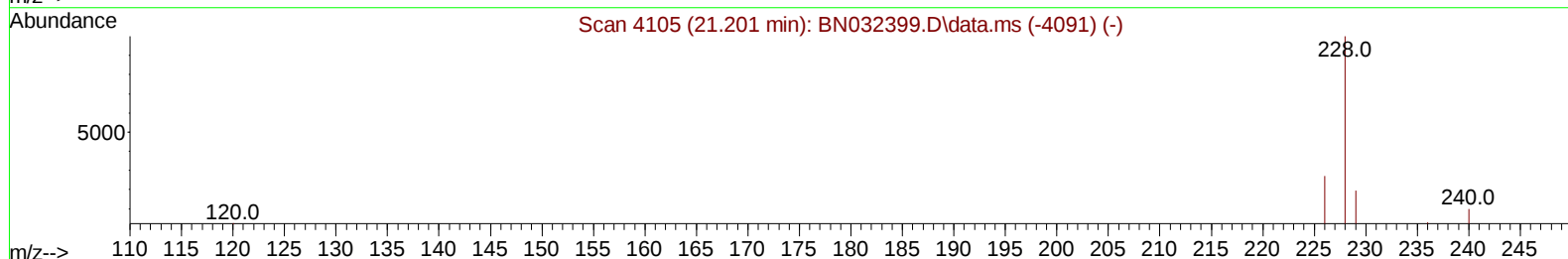
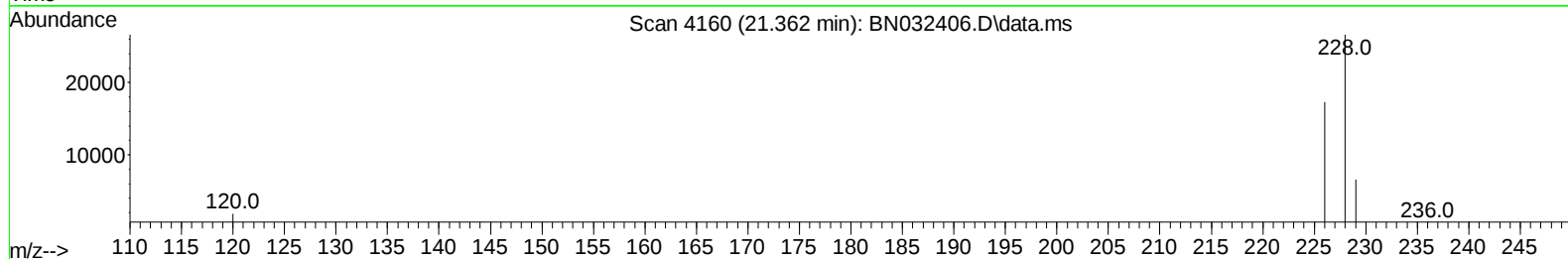
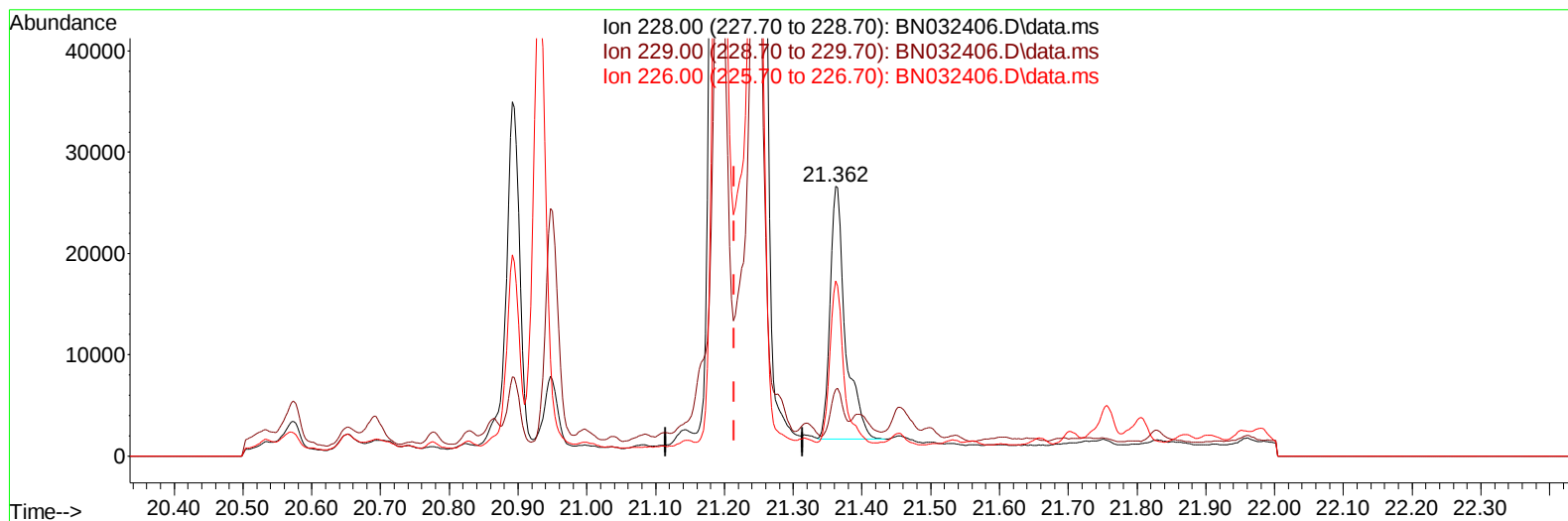
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032406.D
Acq On : 02 Jul 2024 18:24
Operator : MA/JU
Sample : P2871-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ1

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:40 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032406.D\data.ms

(21) Benzo(a)anthracene

21.362min (+ 0.148) 0.63 ng/u1

response 38815

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	24.74#
226.00	27.30	65.07#
0.00	0.00	0.00

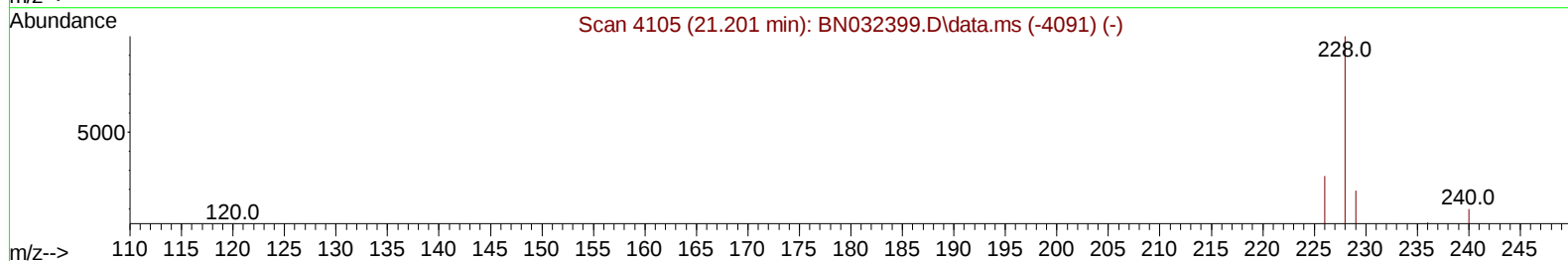
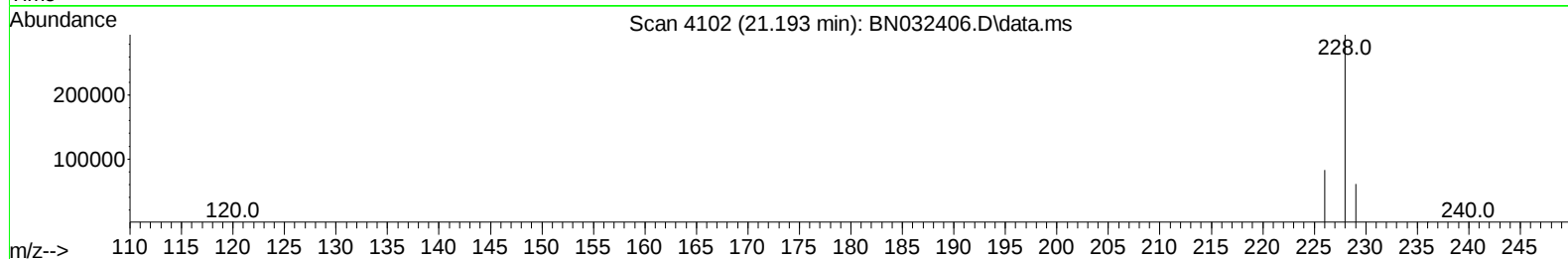
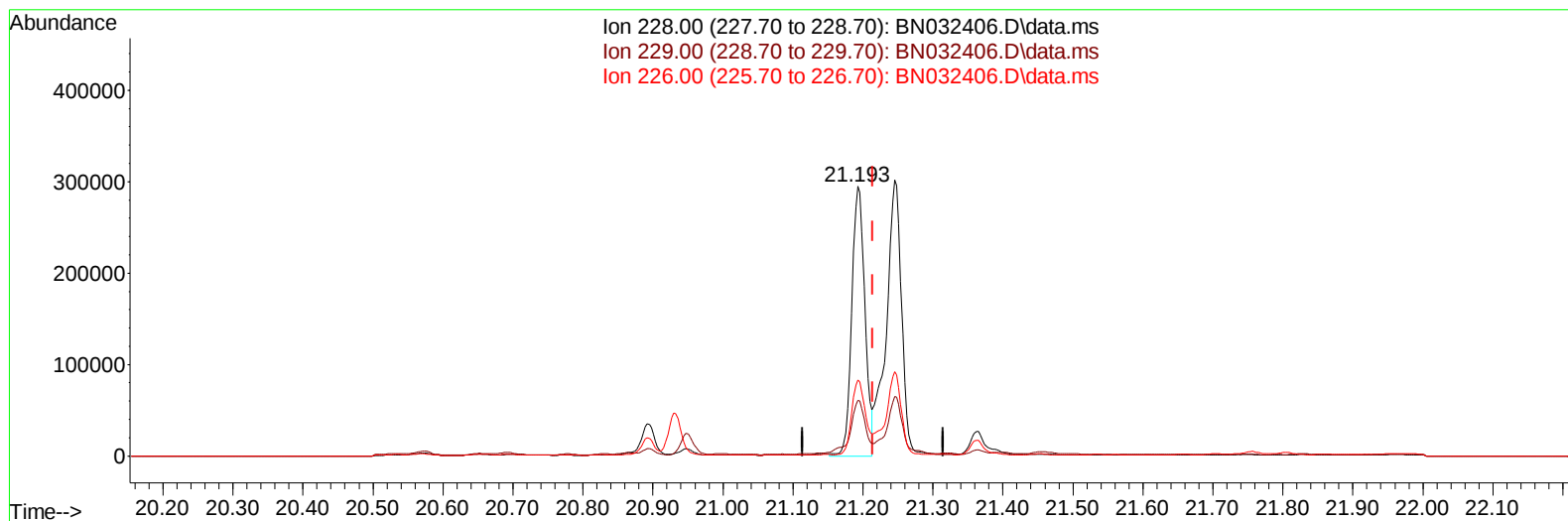
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032406.D
Acq On : 02 Jul 2024 18:24
Operator : MA/JU
Sample : P2871-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ1

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:40 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032406.D\data.ms

(21) Benzo(a)anthracene

21.193min (-0.022) 6.21 ng/u1 m

response 384030

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	20.59
226.00	27.30	28.15
0.00	0.00	0.00

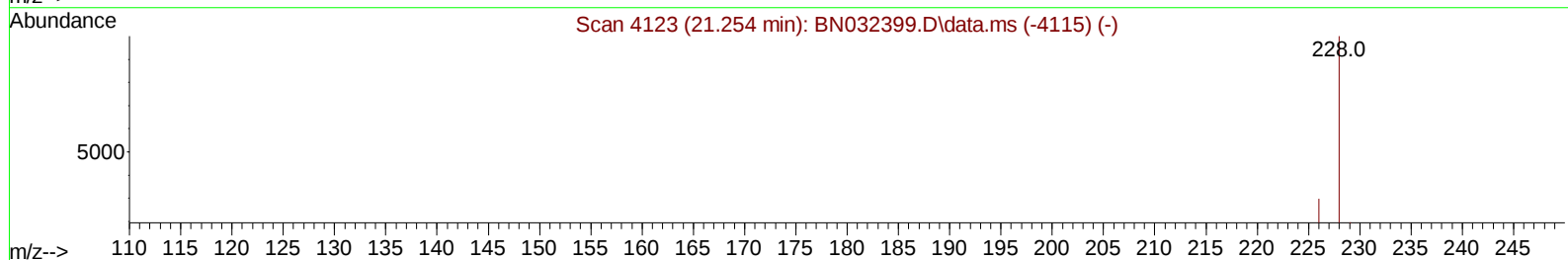
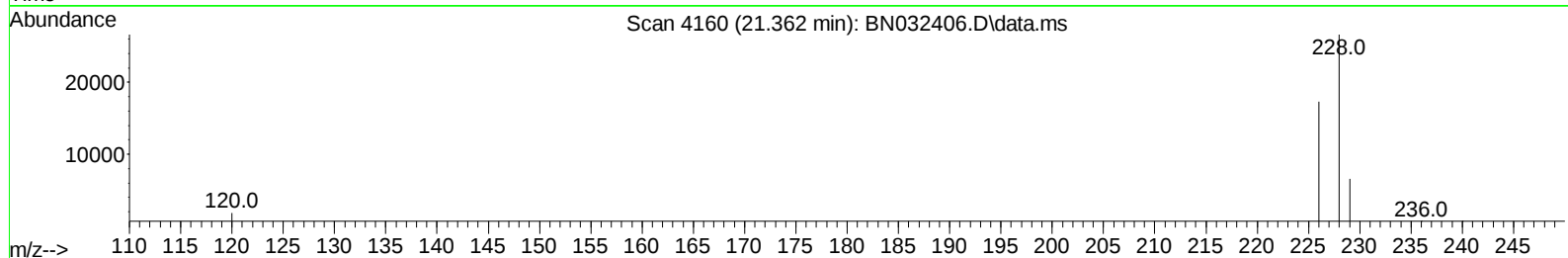
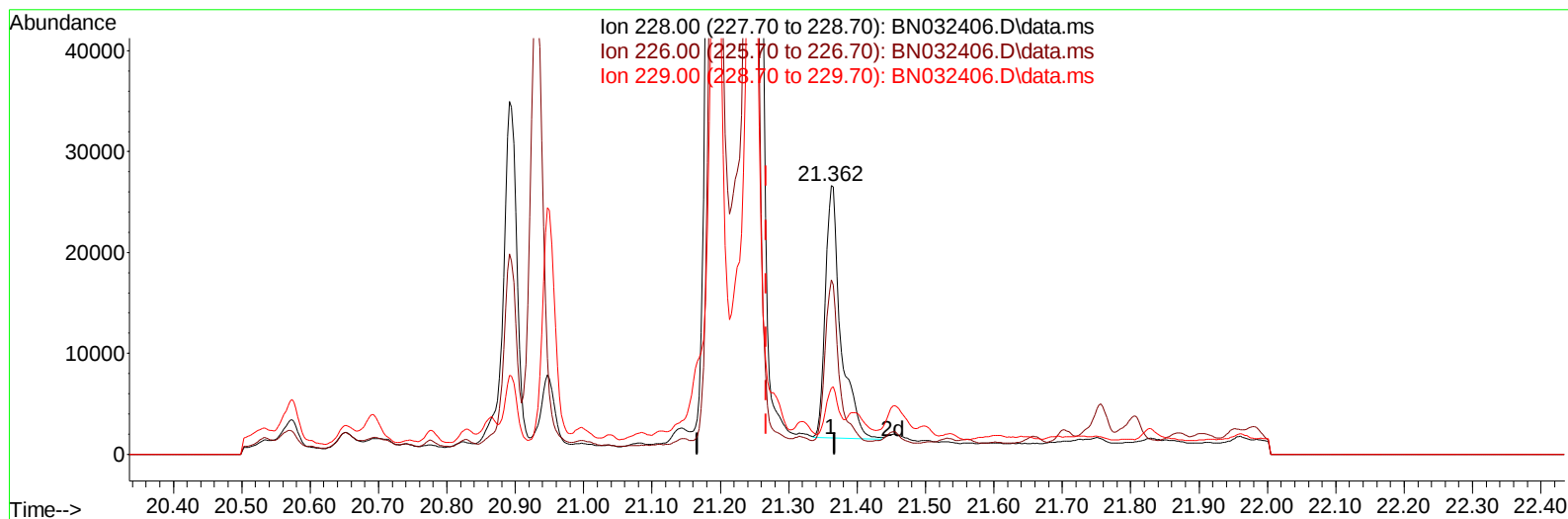
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032406.D
Acq On : 02 Jul 2024 18:24
Operator : MA/JU
Sample : P2871-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ1

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:40 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032406.D\data.ms

(22) Chrysene

21.362min (+ 0.095) 0.58 ng/u1

response 39354

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	65.07#
229.00	19.60	24.74#
0.00	0.00	0.00

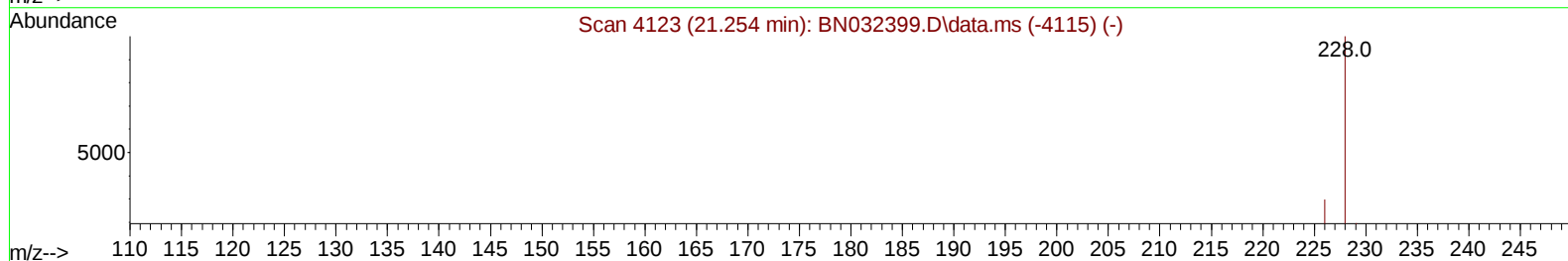
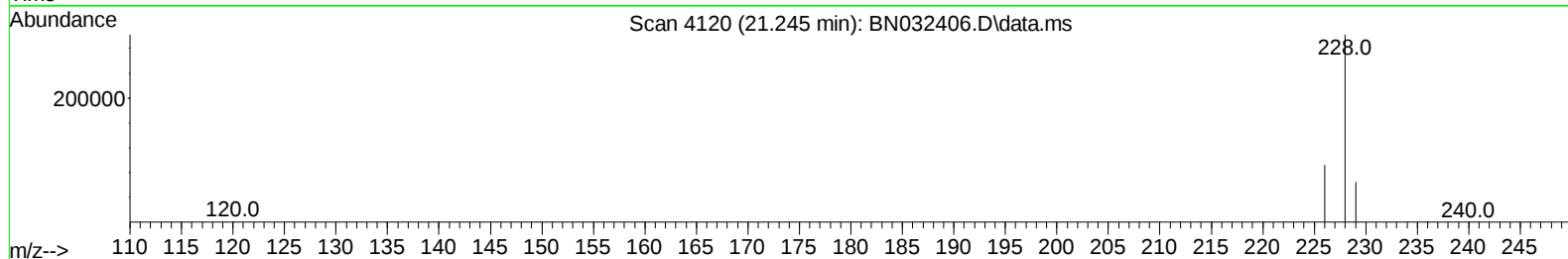
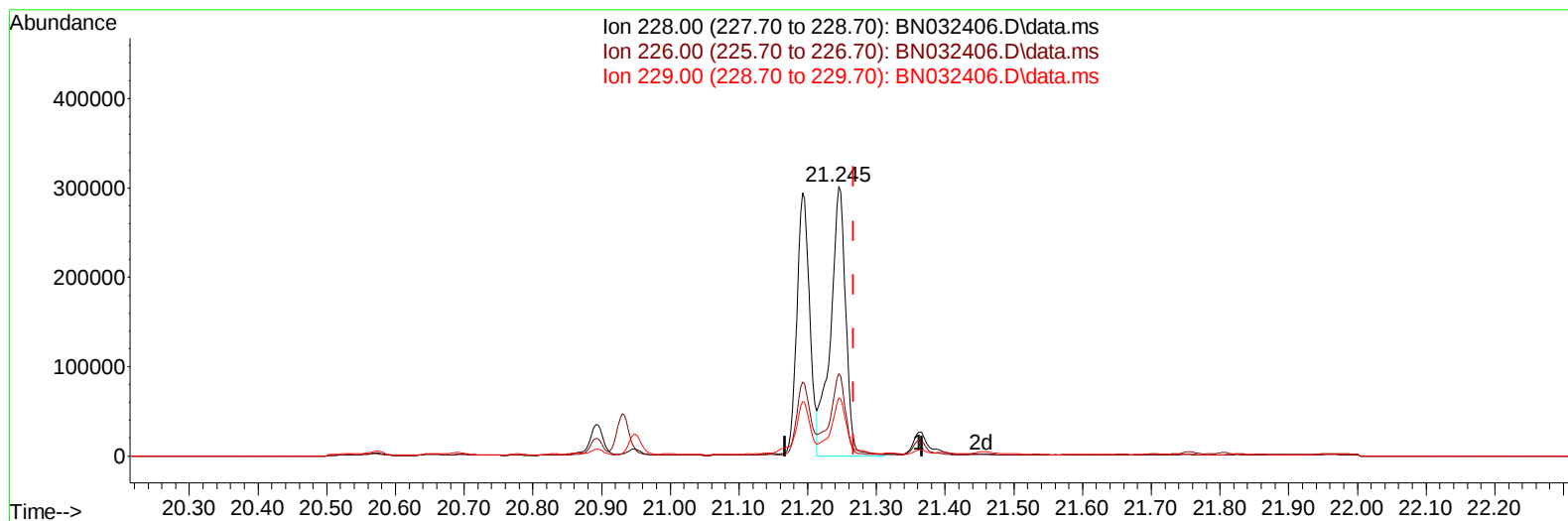
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032406.D
Acq On : 02 Jul 2024 18:24
Operator : MA/JU
Sample : P2871-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ1

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:40 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032406.D\data.ms

(22) Chrysene

21.245min (-0.022) 6.90 ng/u1 m

response 468042

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	30.60
229.00	19.60	21.50
0.00	0.00	0.00

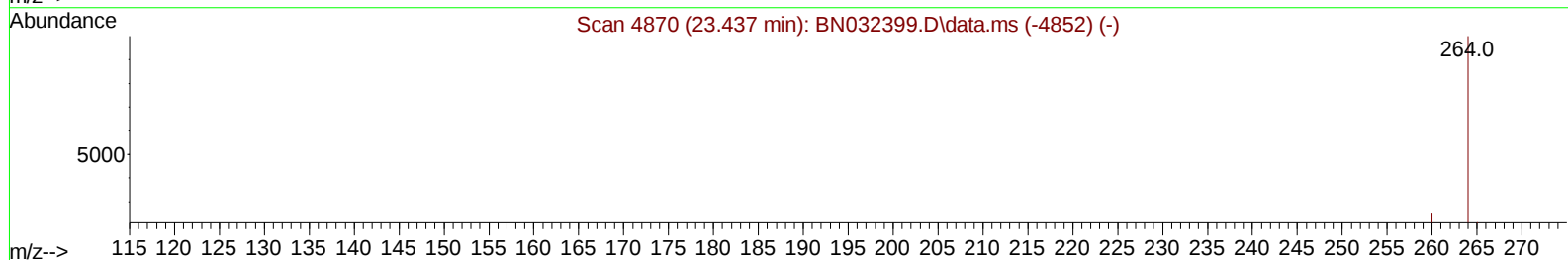
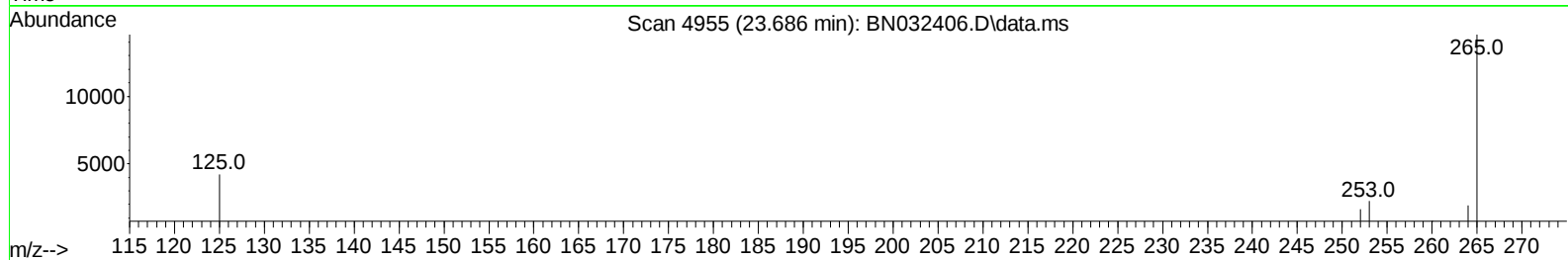
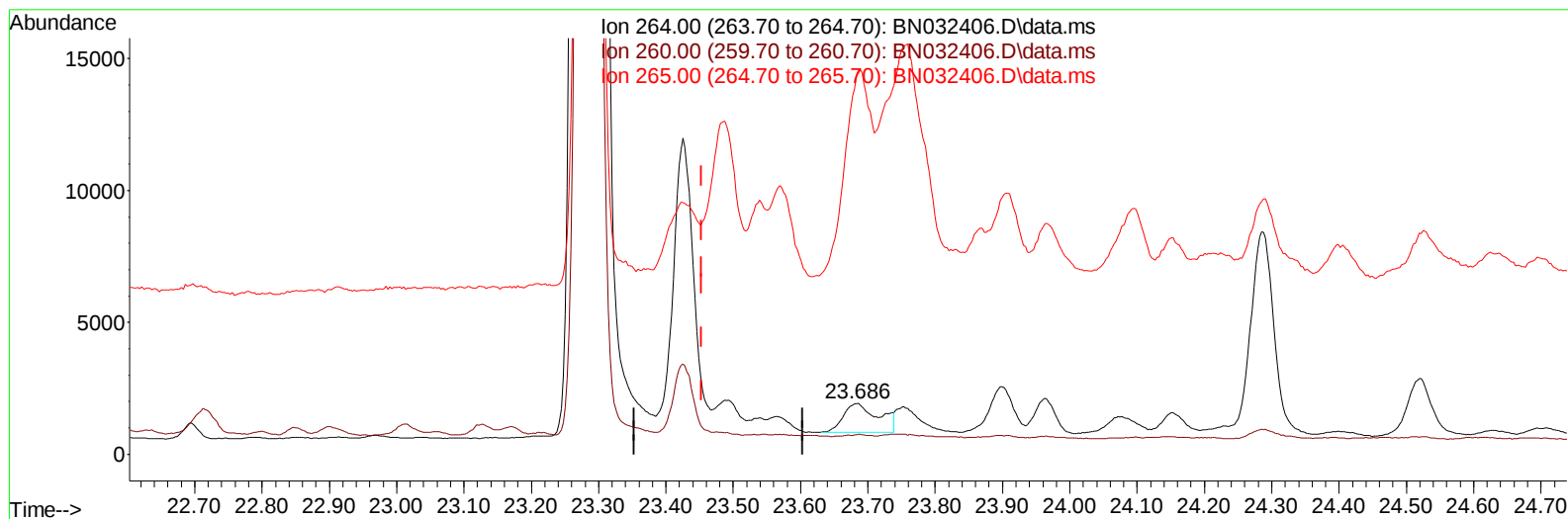
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032406.D
Acq On : 02 Jul 2024 18:24
Operator : MA/JU
Sample : P2871-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ1

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:40 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032406.D\data.ms

(23) Perylene-d12 (I)

23.686min (+ 0.233) 0.40 ng/u1

response 4021

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	39.20#
265.00	67.20	756.13#
0.00	0.00	0.00

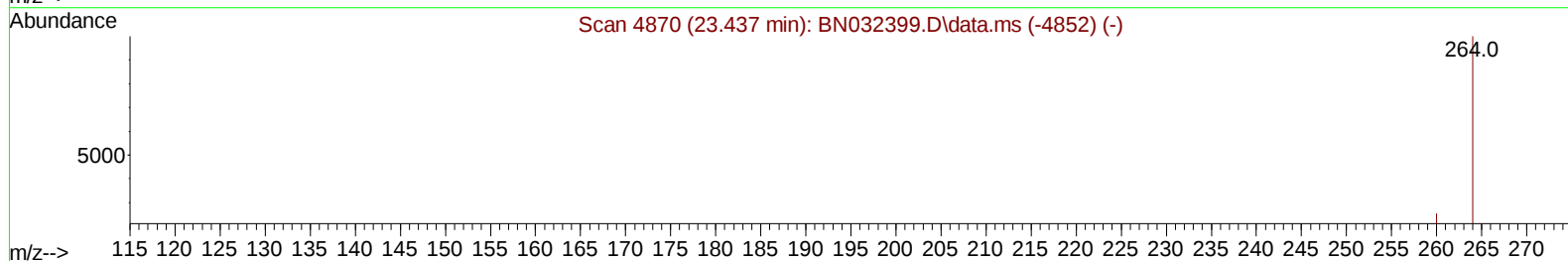
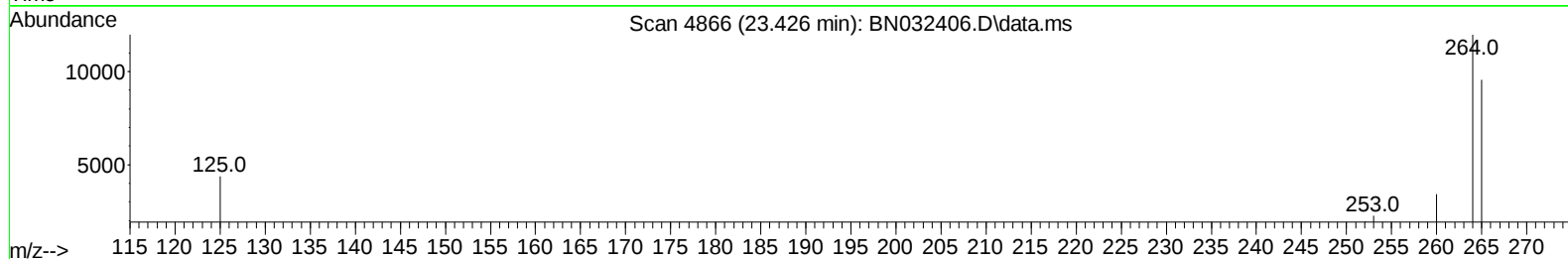
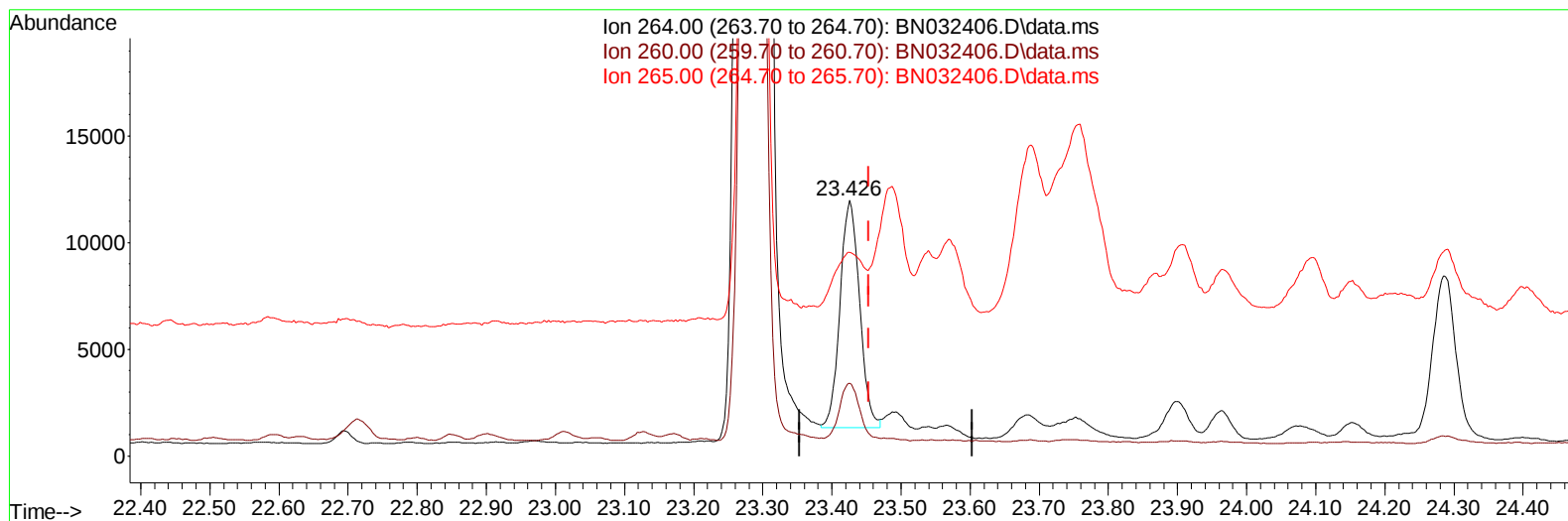
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032406.D
Acq On : 02 Jul 2024 18:24
Operator : MA/JU
Sample : P2871-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ1

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:40 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032406.D\data.ms

(23) Perylene-d12 (I)

23.426min (-0.028) 0.40 ng/u1 m

response 20920

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	28.55
265.00	67.20	79.70
0.00	0.00	0.00

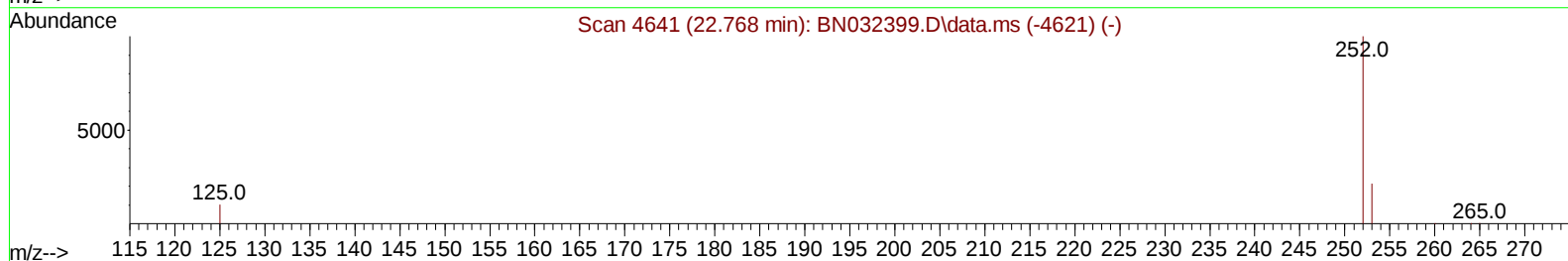
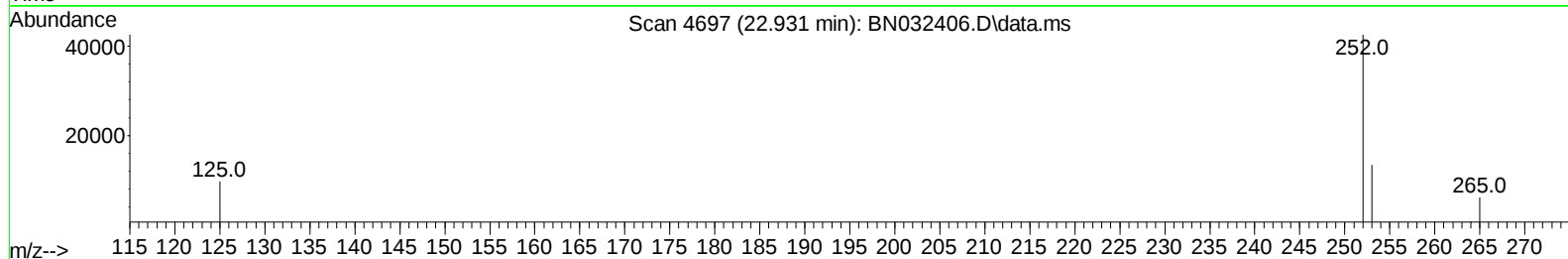
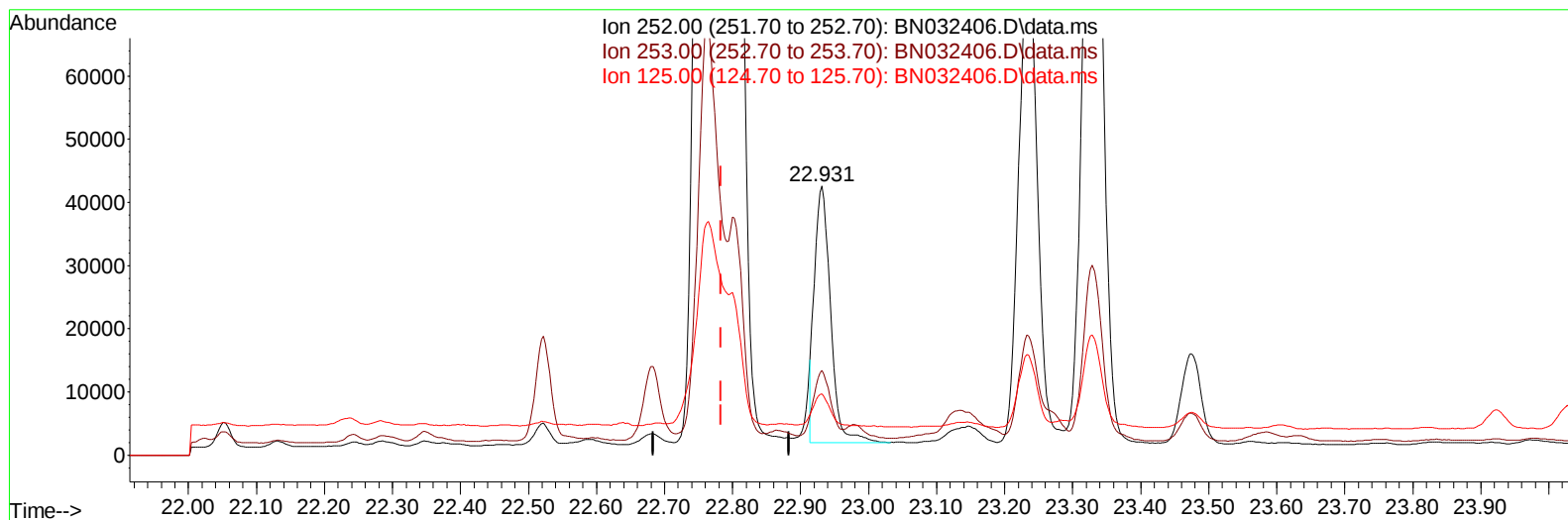
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032406.D
Acq On : 02 Jul 2024 18:24
Operator : MA/JU
Sample : P2871-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ1

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:40 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032406.D\data.ms

(24) Benzo(b)fluoranthene

22.931min (+ 0.148) 0.73 ng/u1

response 66556

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	31.51
125.00	16.00	22.84
0.00	0.00	0.00

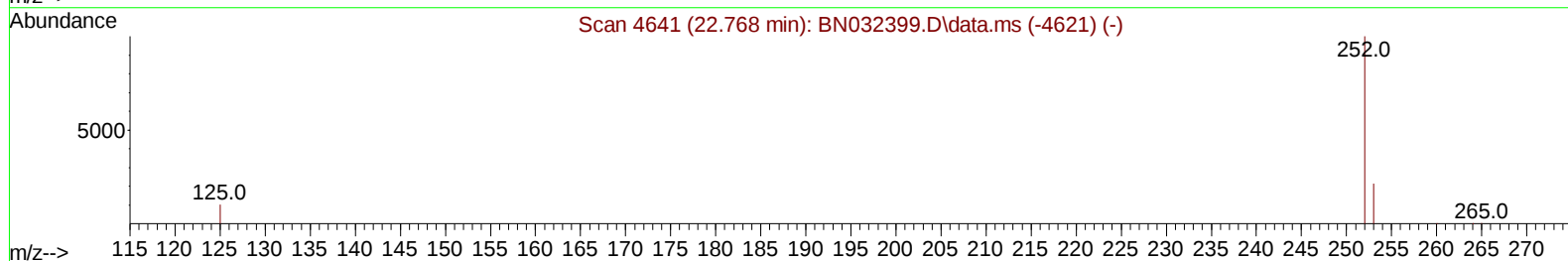
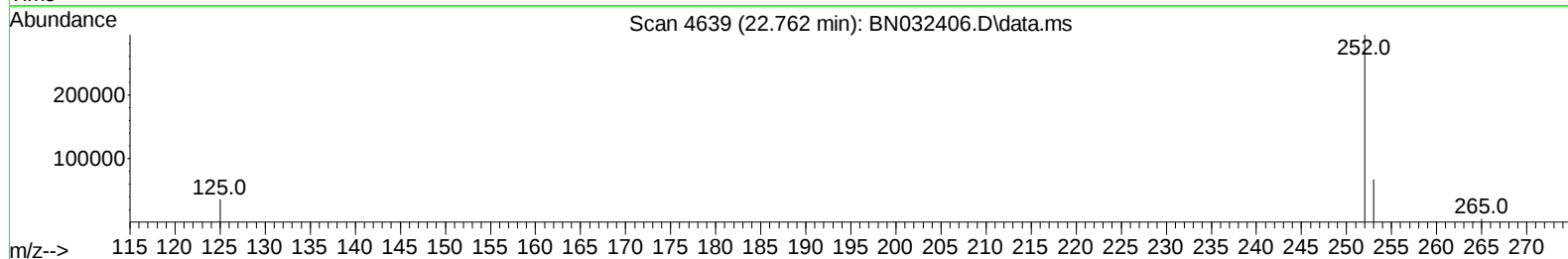
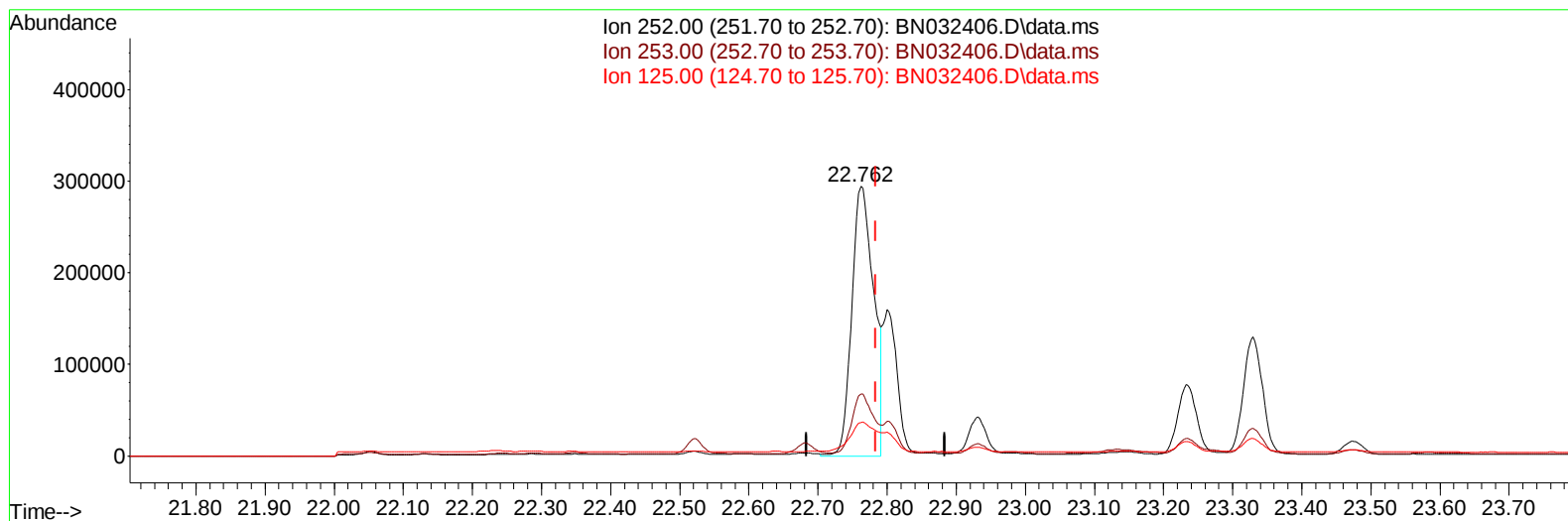
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032406.D
Acq On : 02 Jul 2024 18:24
Operator : MA/JU
Sample : P2871-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ1

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:40 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032406.D\data.ms

(24) Benzo(b)fluoranthene

22.762min (-0.022) 7.19 ng/u1 m

response 653285

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.01
125.00	16.00	12.46
0.00	0.00	0.00

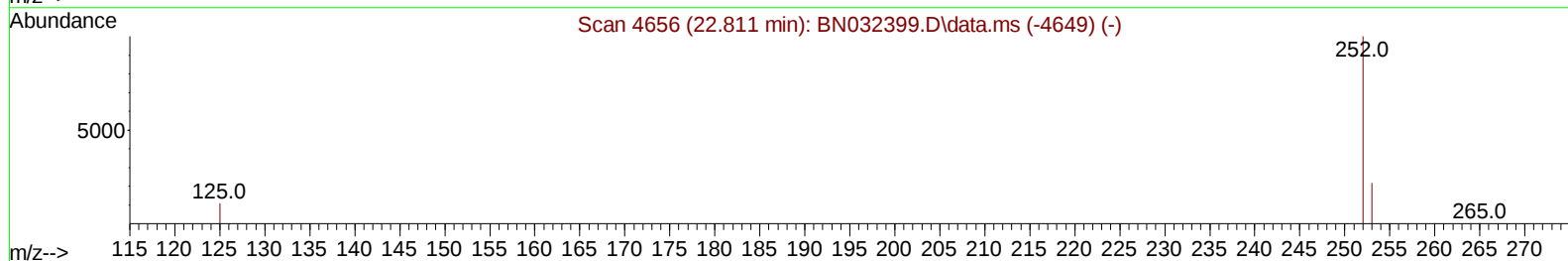
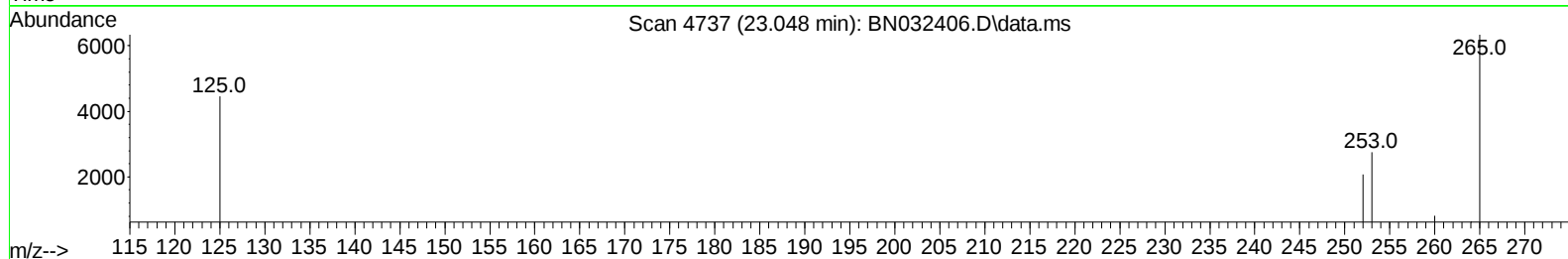
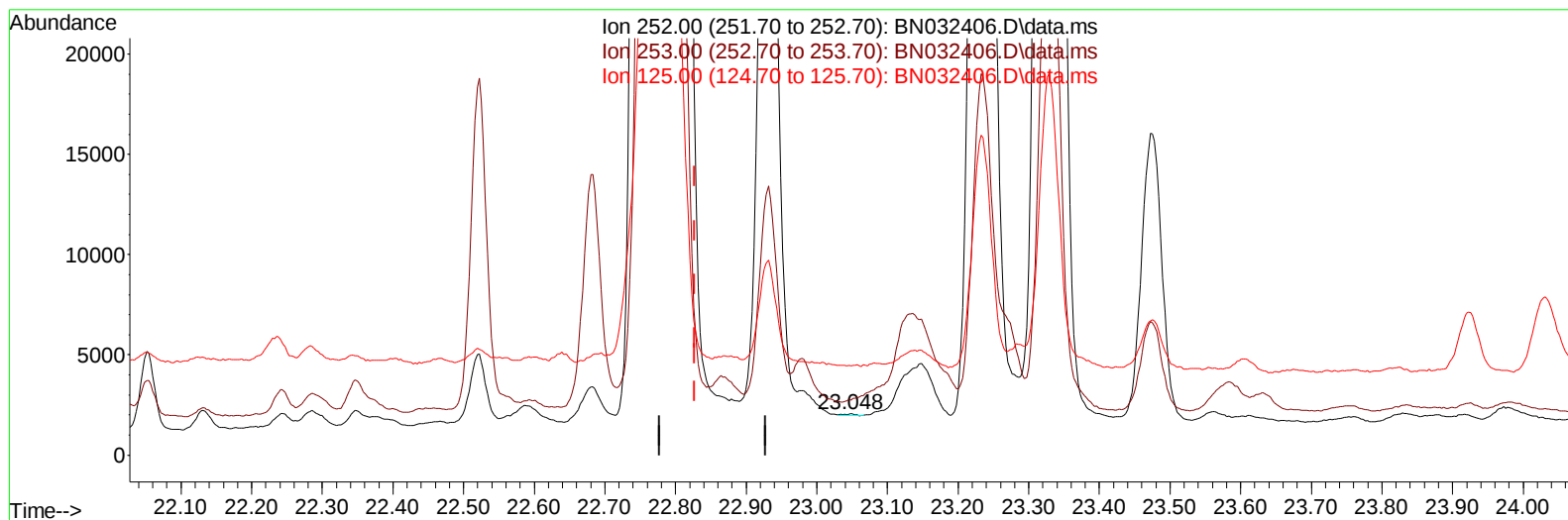
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032406.D
Acq On : 02 Jul 2024 18:24
Operator : MA/JU
Sample : P2871-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ1

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:40 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032406.D\data.ms

(25) Benzo(k)fluoranthene

23.048min (+ 0.221) 0.00 ng/u1

response 89

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	133.11#
125.00	16.00	215.49#
0.00	0.00	0.00

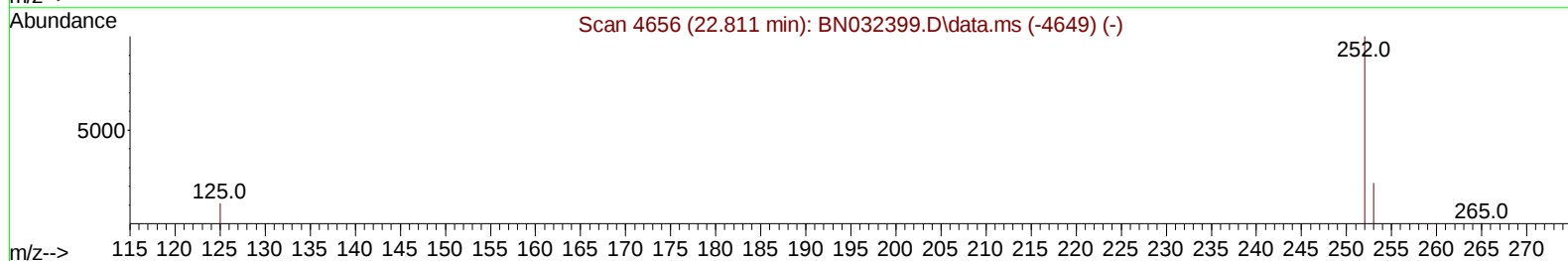
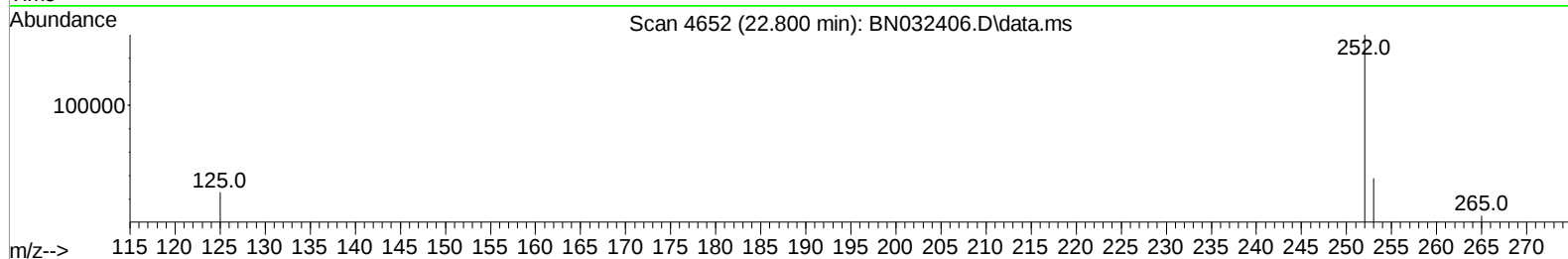
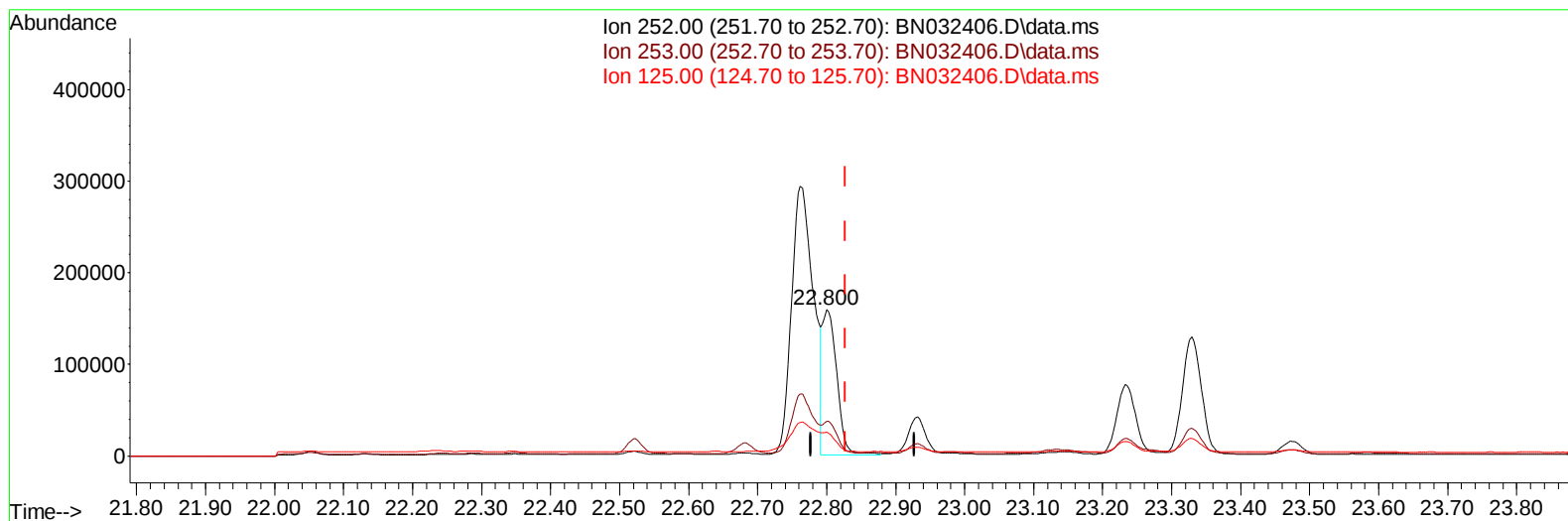
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032406.D
Acq On : 02 Jul 2024 18:24
Operator : MA/JU
Sample : P2871-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ1

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:40 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032406.D\data.ms

(25) Benzo(k)fluoranthene

22.800min (-0.028) 2.59 ng/u1 m

response 228828

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	23.54
125.00	16.00	16.11
0.00	0.00	0.00

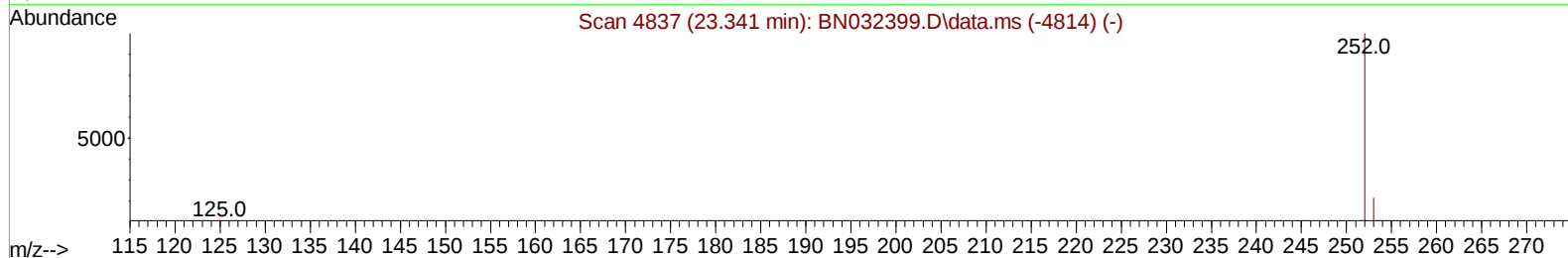
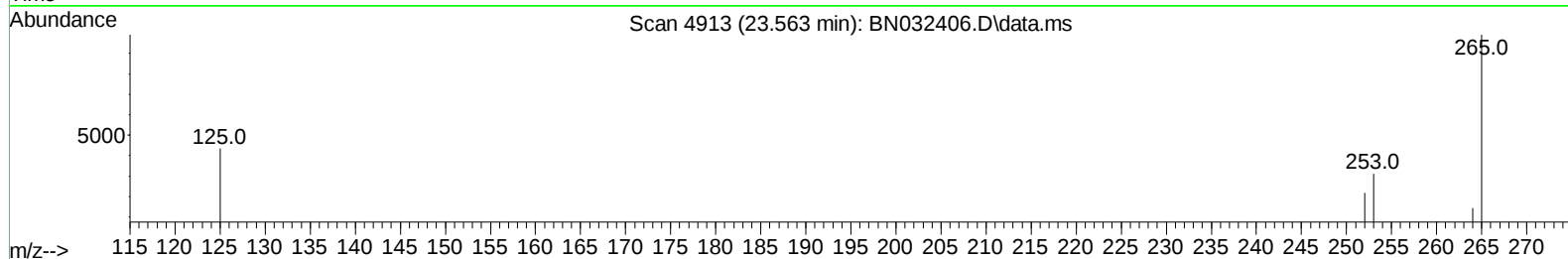
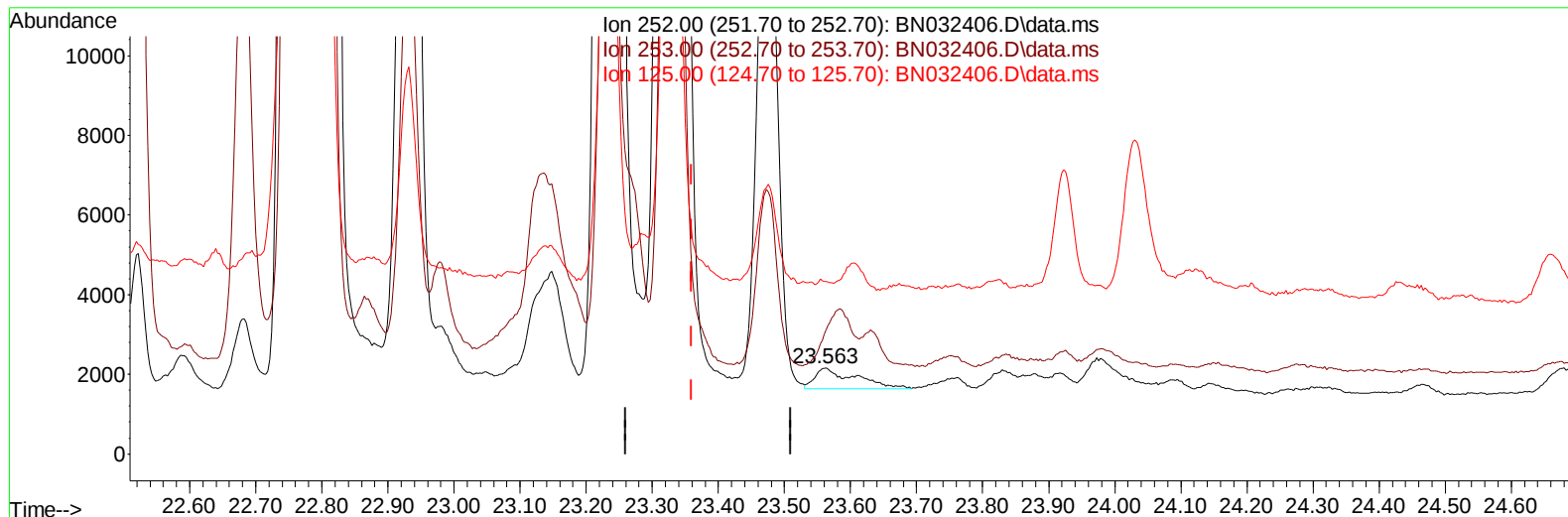
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032406.D
Acq On : 02 Jul 2024 18:24
Operator : MA/JU
Sample : P2871-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ1

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:40 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032406.D\data.ms

(26) Benzo(a)pyrene (C)

23.563min (+ 0.203) 0.03 ng/u1

response 2187

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	144.29#
125.00	20.50	200.55#
0.00	0.00	0.00

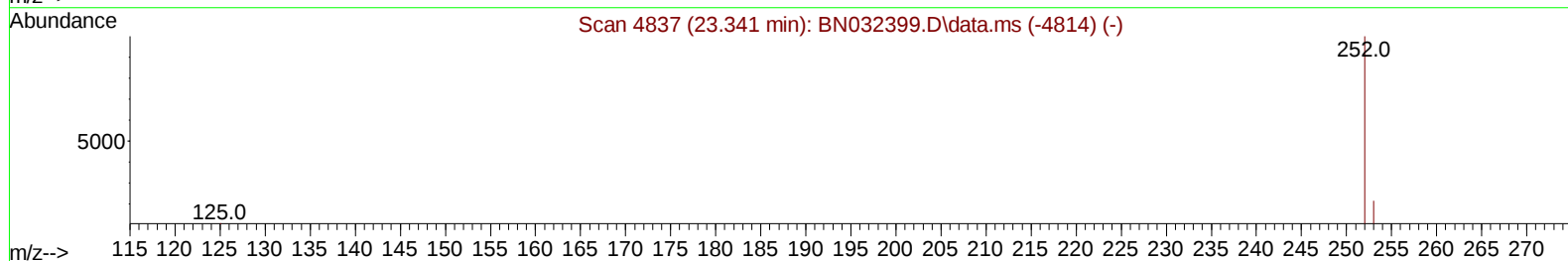
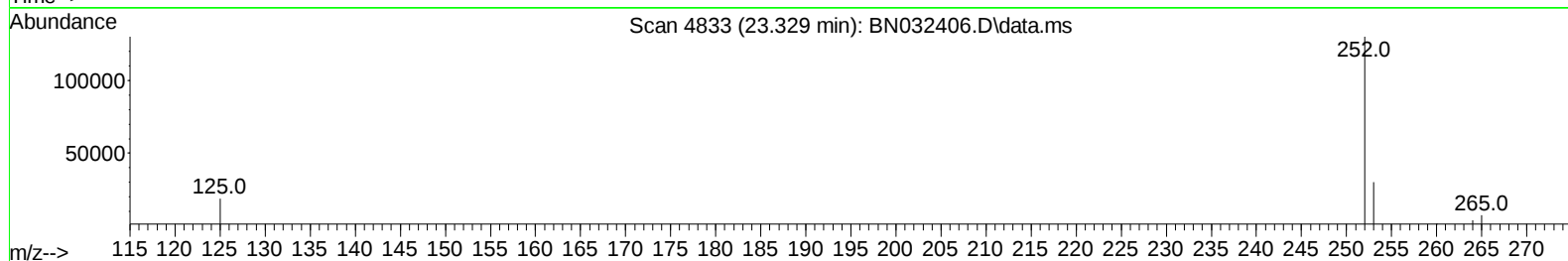
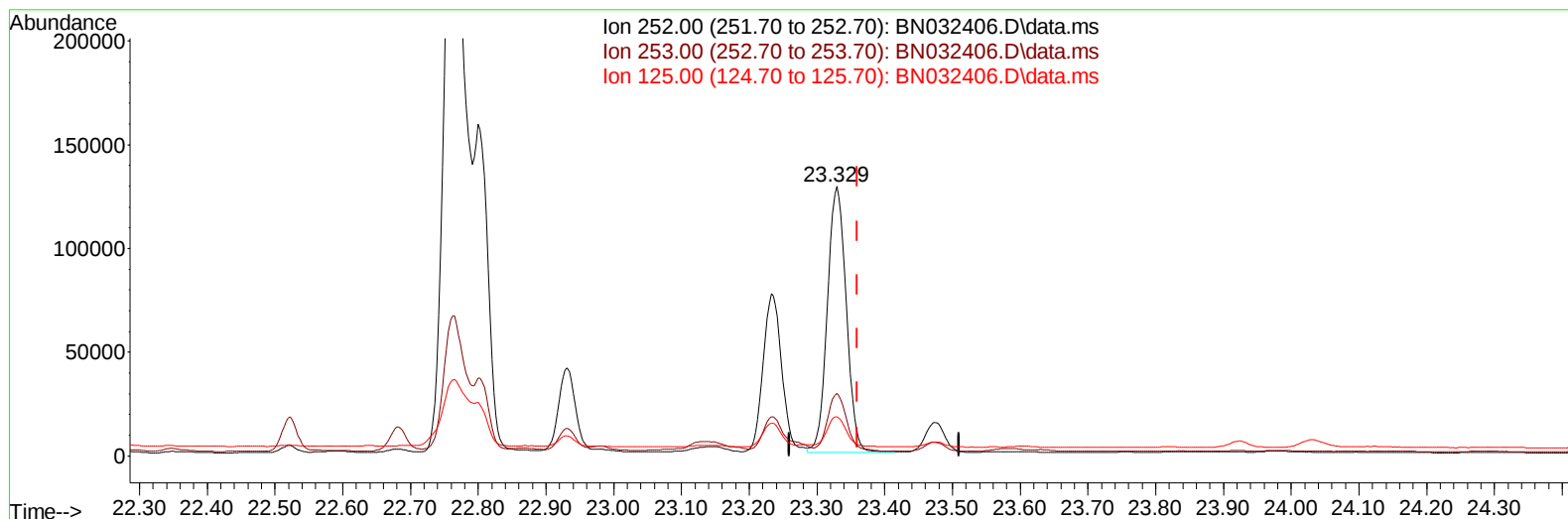
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032406.D
Acq On : 02 Jul 2024 18:24
Operator : MA/JU
Sample : P2871-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ1

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:40 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032406.D\data.ms

(26) Benzo(a)pyrene (C)

23.329min (-0.031) 3.93 ng/u1 m

response 248226

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	23.17
125.00	20.50	14.64#
0.00	0.00	0.00

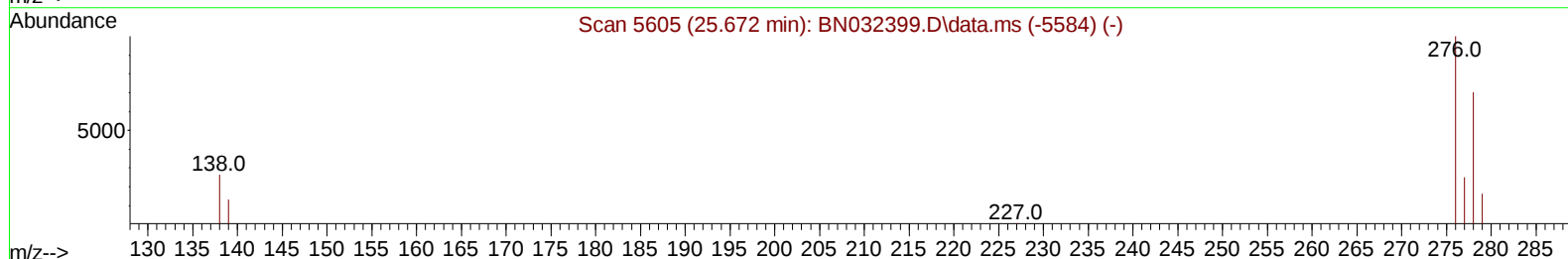
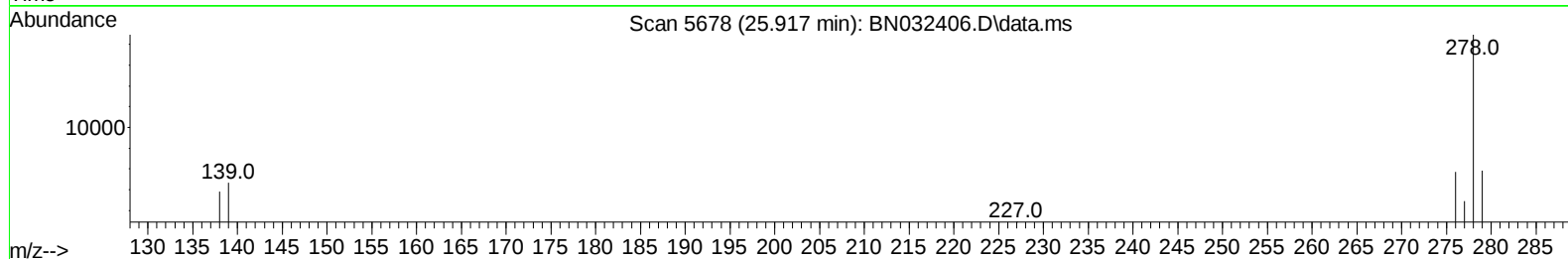
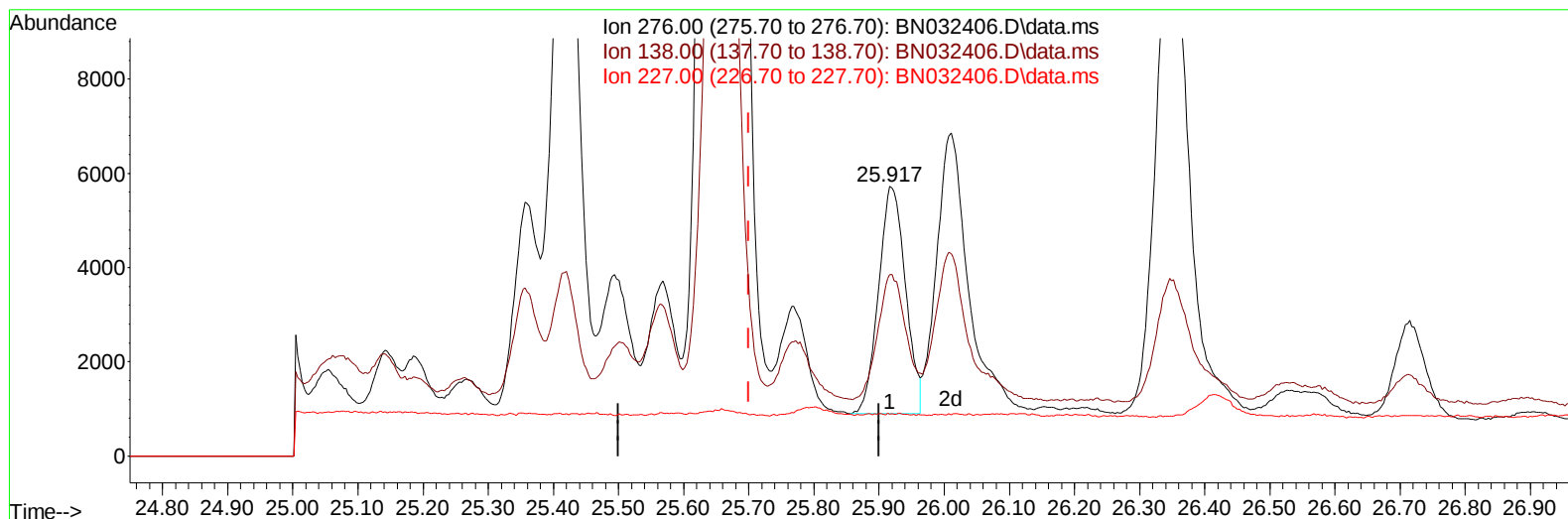
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032406.D
Acq On : 02 Jul 2024 18:24
Operator : MA/JU
Sample : P2871-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ1

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:40 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032406.D\data.ms

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

25.917min (+ 0.217) 0.14 ng/u1

response 13879

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	58.40#
227.00	0.10	0.18#
0.00	0.00	0.00

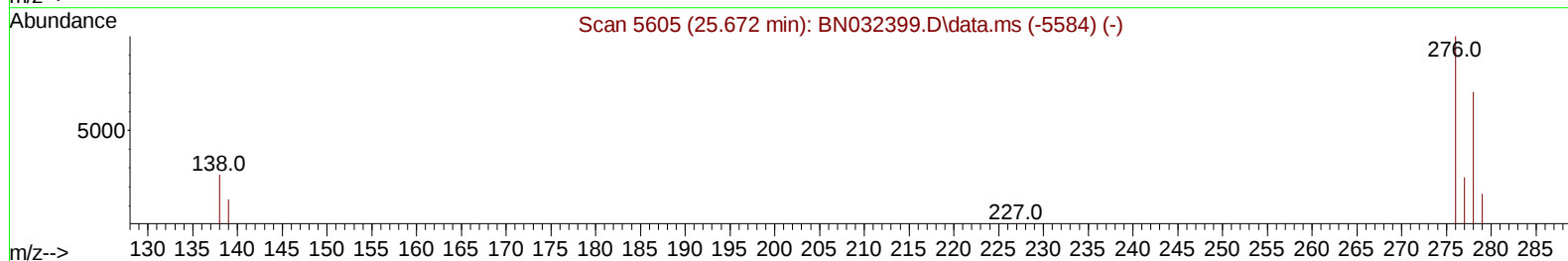
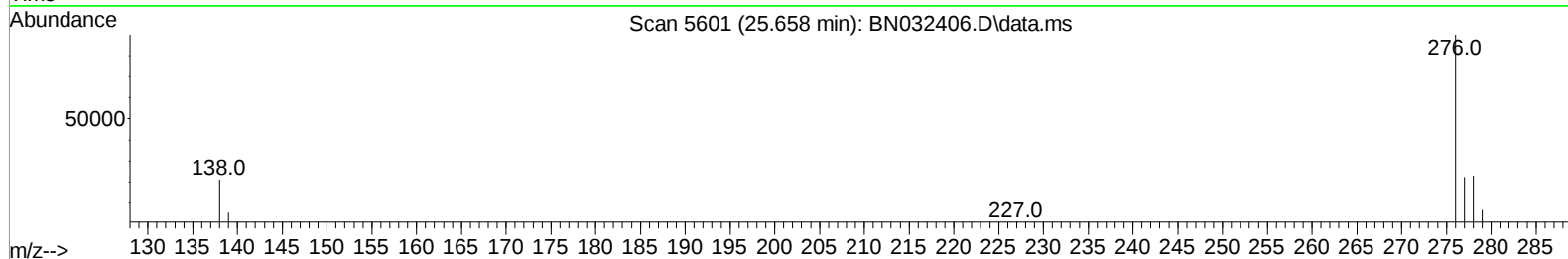
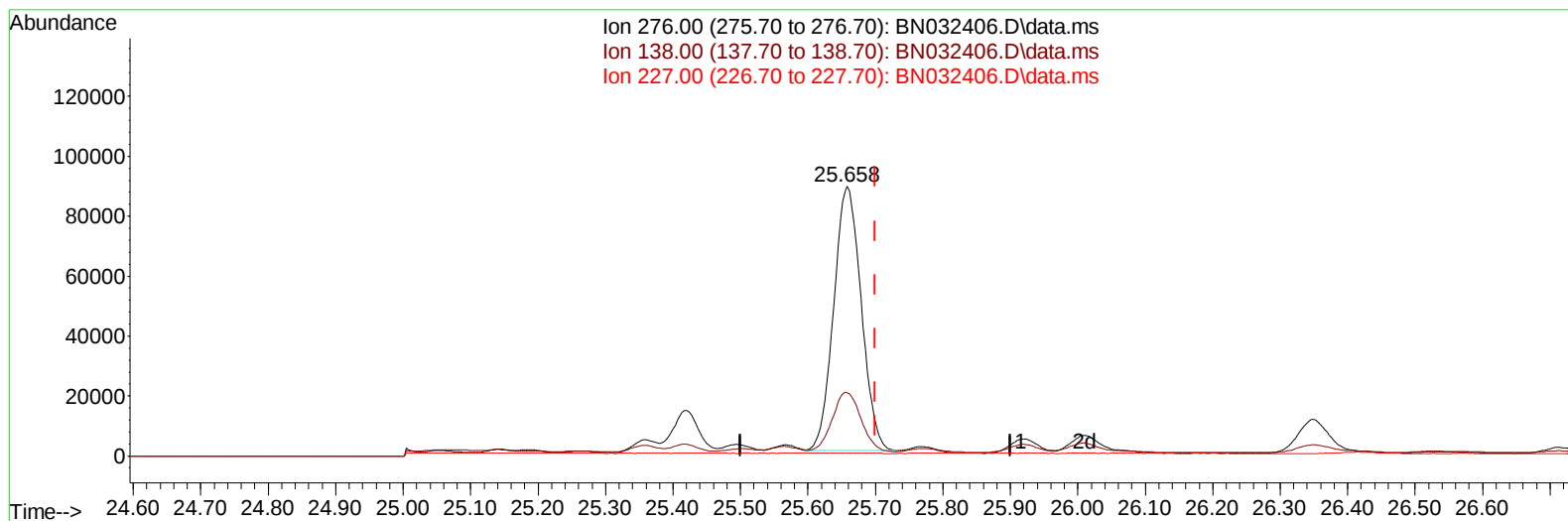
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032406.D
Acq On : 02 Jul 2024 18:24
Operator : MA/JU
Sample : P2871-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 23:55:40 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: BN032406.D\data.ms

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

25.658min (-0.042) 2.52 ng/u1 m

response 249825

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	3.24#
227.00	0.10	0.01#
0.00	0.00	0.00

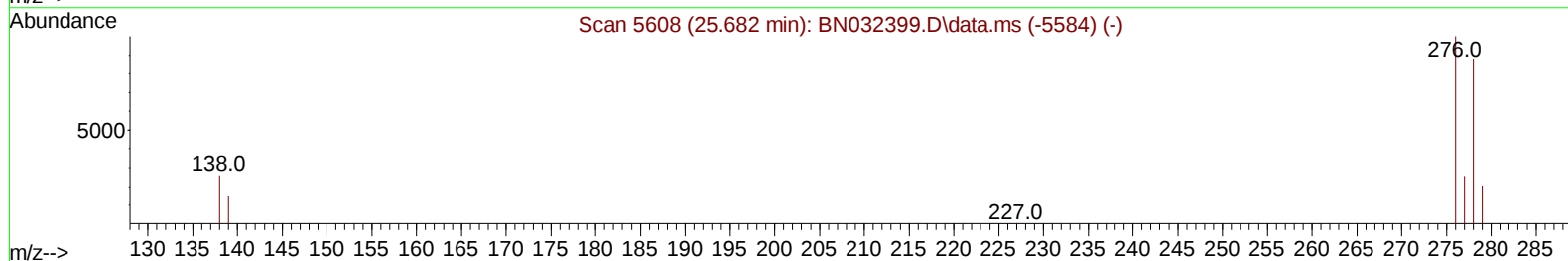
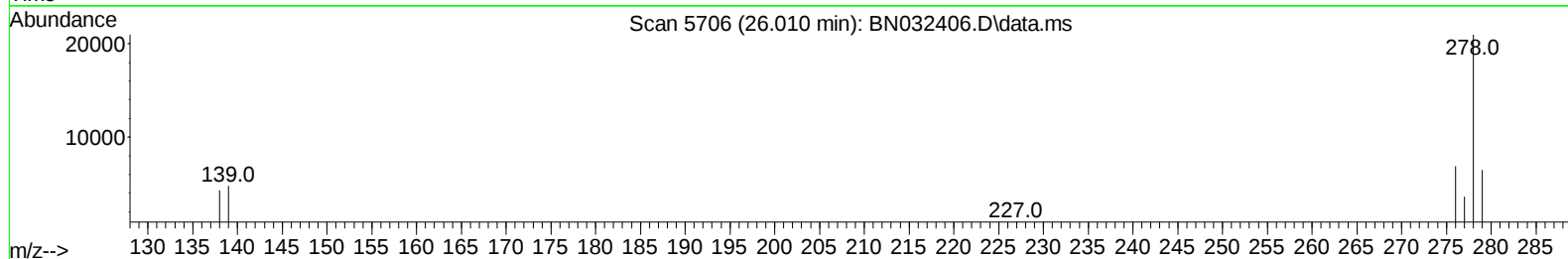
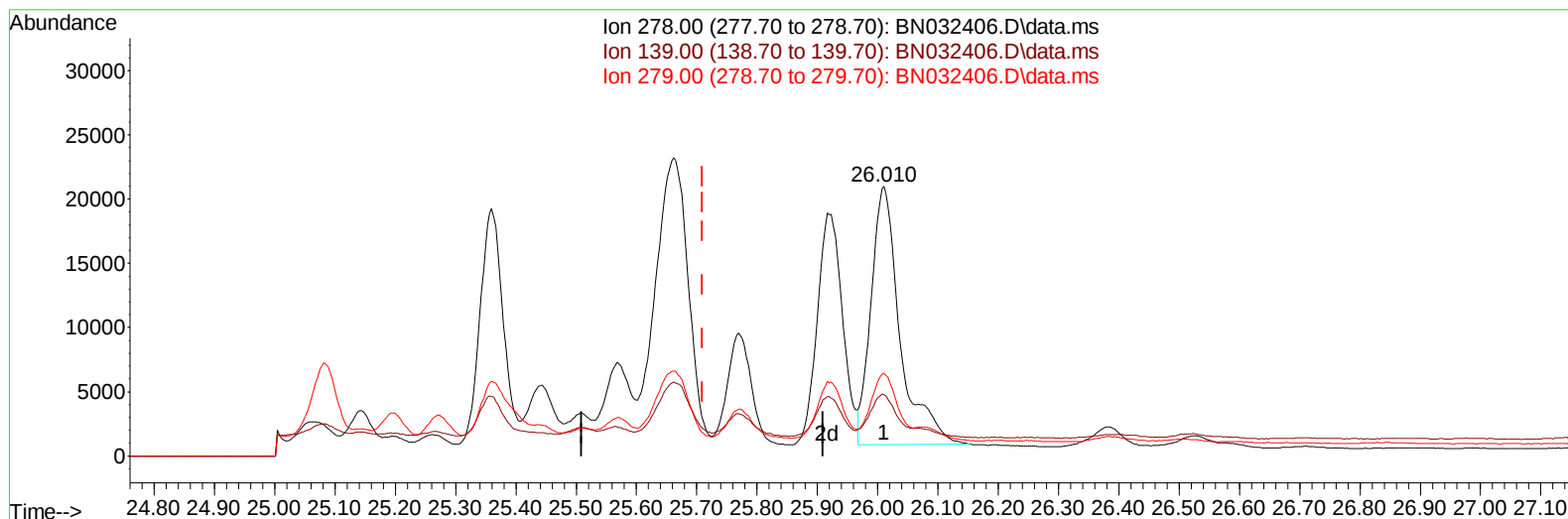
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032406.D
Acq On : 02 Jul 2024 18:24
Operator : MA/JU
Sample : P2871-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ1

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:40 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032406.D\data.ms

(28) Dibenzo(a,h)anthracene

26.010min (+ 0.300) 0.91 ng/u1

response 67284

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	22.69
279.00	26.40	30.84
0.00	0.00	0.00

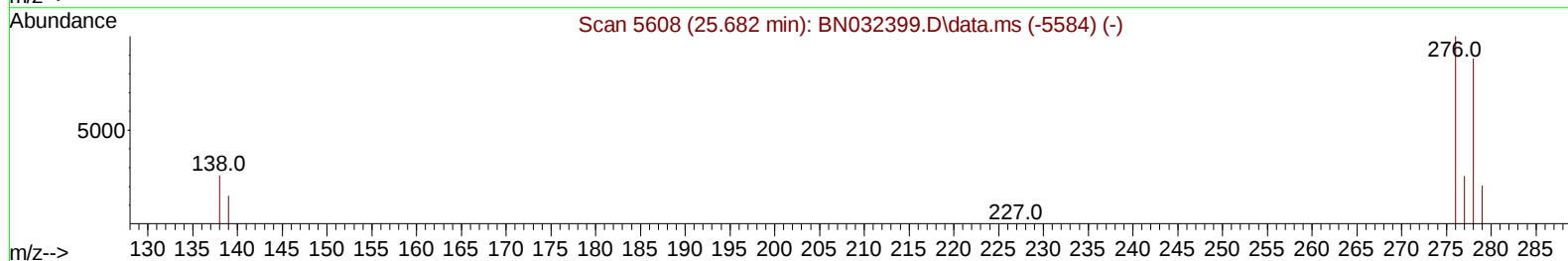
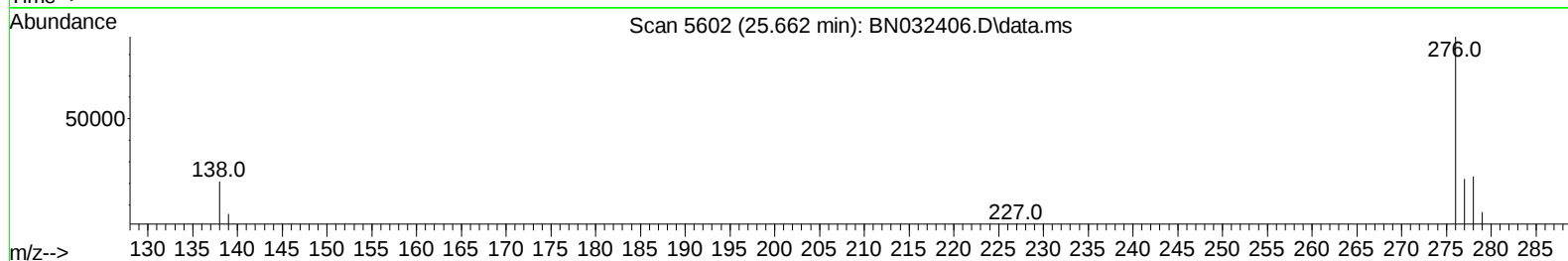
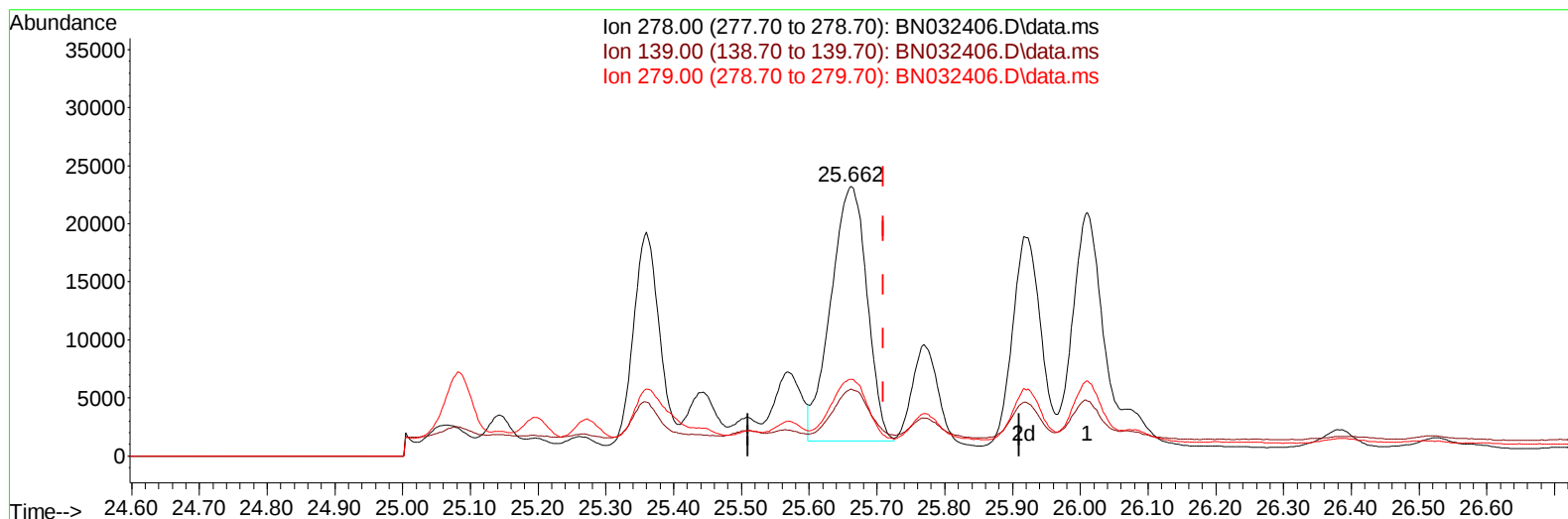
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032406.D
Acq On : 02 Jul 2024 18:24
Operator : MA/JU
Sample : P2871-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ1

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:40 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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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032406.D\data.ms

(28) Dibenzo(a,h)anthracene

25.662min (-0.048) 1.10 ng/u1 m

response 81282

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	24.78#
279.00	26.40	28.40
0.00	0.00	0.00

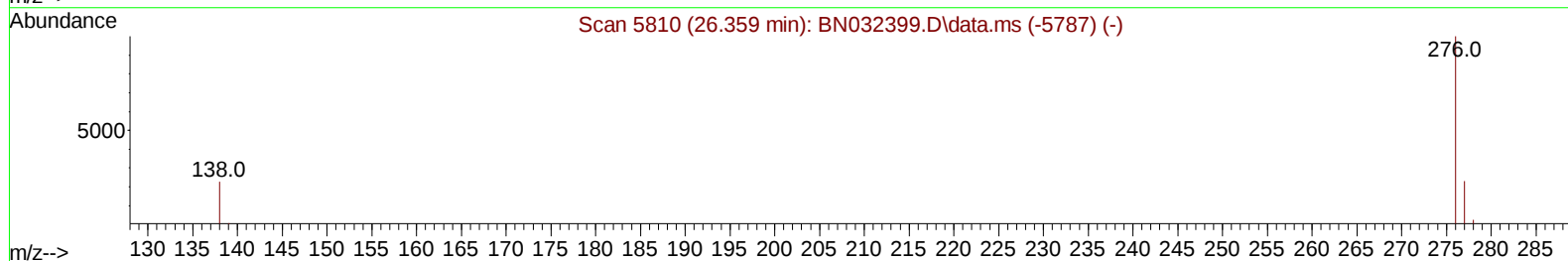
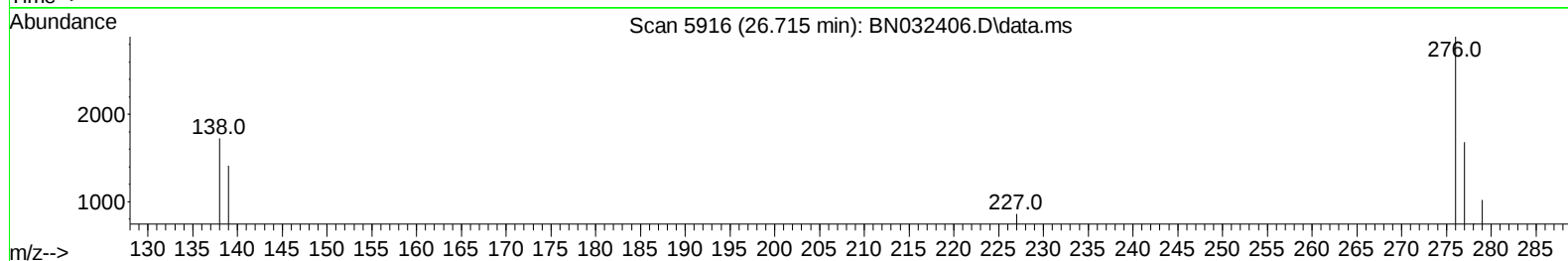
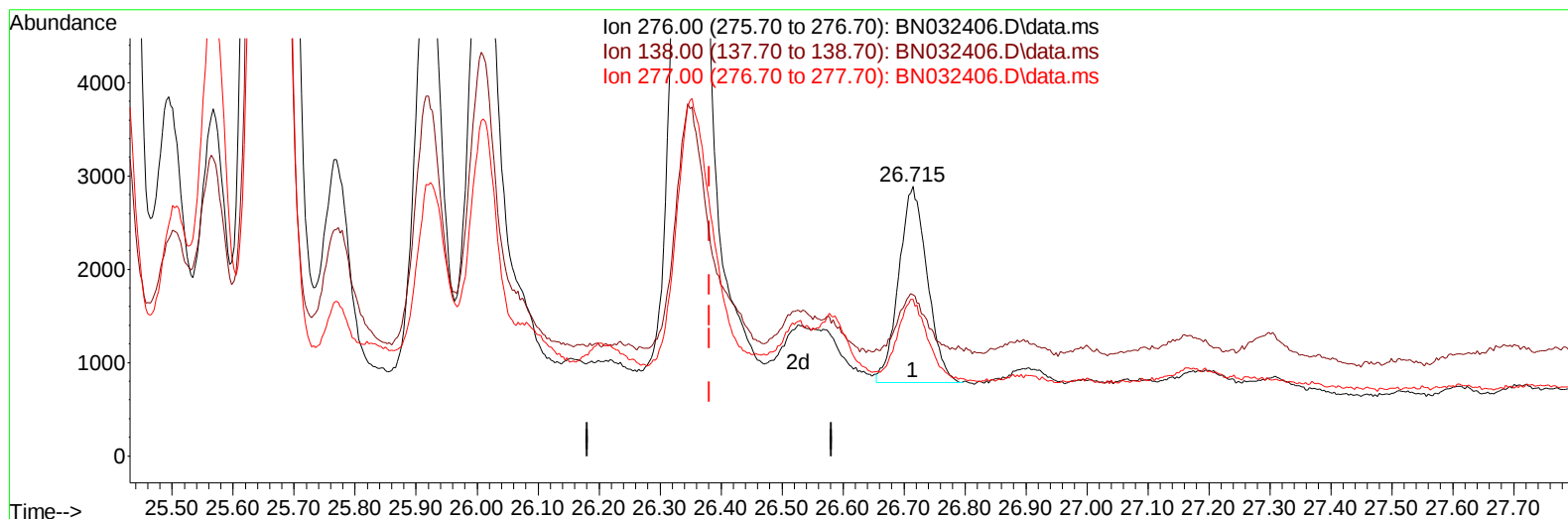
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032406.D
Acq On : 02 Jul 2024 18:24
Operator : MA/JU
Sample : P2871-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ1

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:40 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
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Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032406.D\data.ms

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

26.715min (+ 0.334) 0.09 ng/u1

response 6799

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	59.68#
277.00	24.70	58.12#
0.00	0.00	0.00

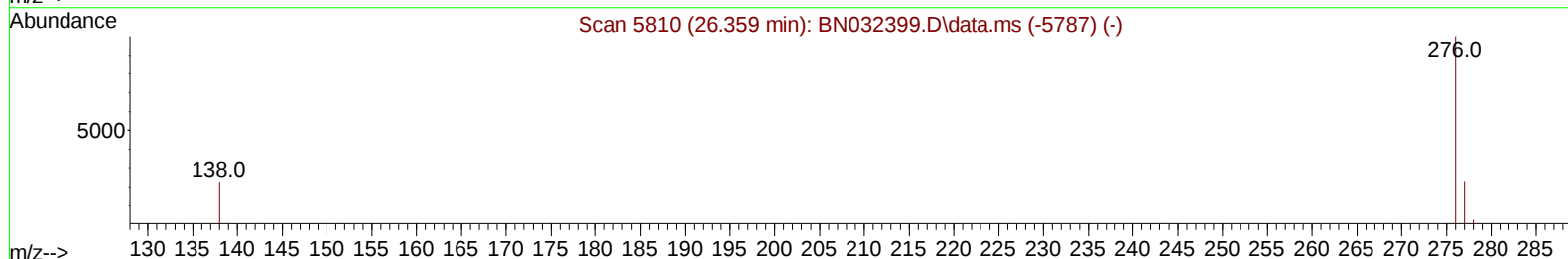
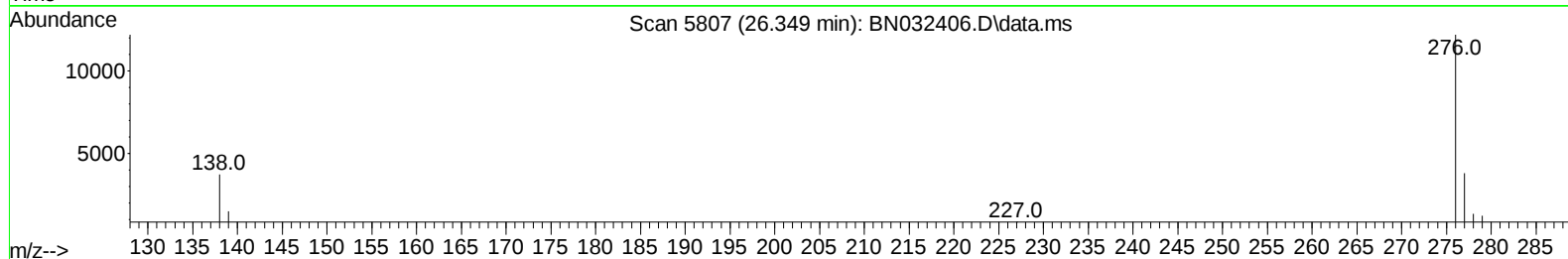
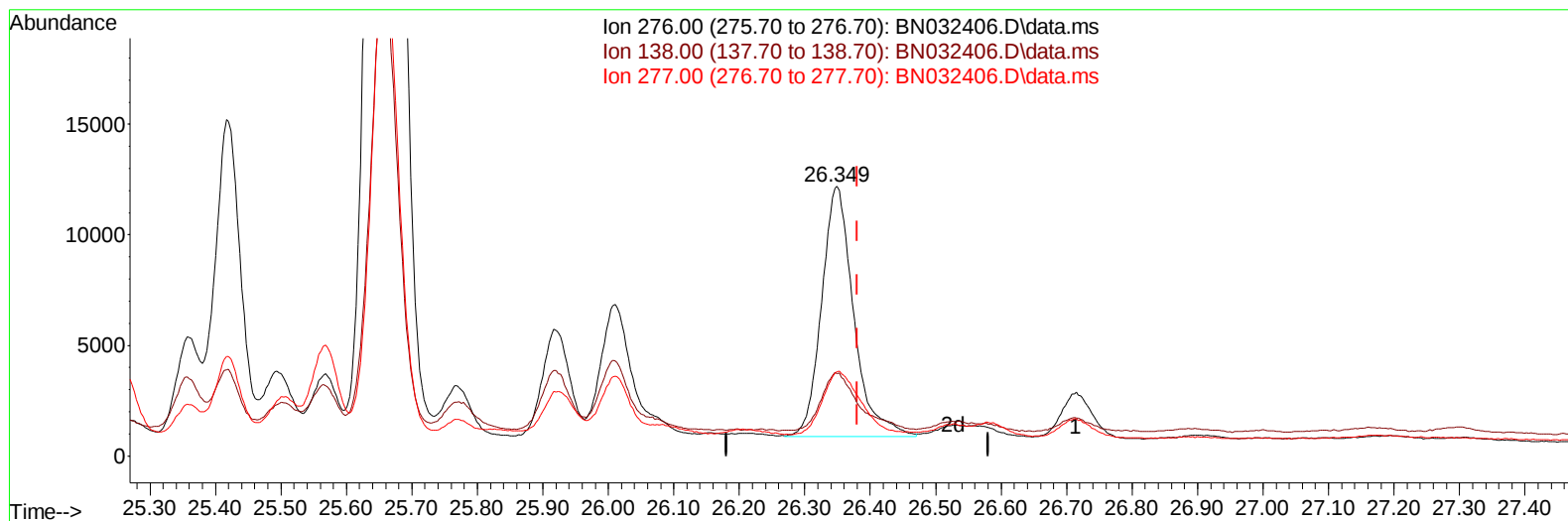
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032406.D
 Acq On : 02 Jul 2024 18:24
 Operator : MA/JU
 Sample : P2871-11
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CJ1

Manual IntegrationsAPPROVED

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 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 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024



TIC: BN032406.D\data.ms

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

26.349min (-0.032) 0.49 ng/ul m

response 38481

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	30.52#
277.00	24.70	31.31#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032406.D
 Acq On : 02 Jul 2024 18:24
 Operator : MA/JU
 Sample : P2871-11
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CJ1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	8233	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.381	136	25982	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.252	164	15255	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.006	188	27282m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.210	240	17129m	0.400	ng/ul	-0.02
23) Perylene-d12	23.426	264	20920m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	28093	3.070	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.981	152	8487	0.218	ng/ul	-0.02
18) Fluoranthene-d10	19.044	212	14309m	0.278	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.430	128	18855	0.274	ng/ul	99
7) 2-Methylnaphthalene	12.052	142	5608	0.123	ng/ul	100
8) 1-Methylnaphthalene	12.272	142	4402	0.093	ng/ul	98
10) Acenaphthylene	13.974	152	22835	0.360	ng/ul	99
11) Acenaphthene	14.317	153	22876	0.465	ng/ul	99
12) Fluorene	15.307	166	24540	0.418	ng/ul	99
15) Phenanthrene	17.048	178	496268m	6.635	ng/ul	
16) Anthracene	17.141	178	85001m	1.274	ng/ul	
19) Fluoranthene	19.072	202	981008m	15.040	ng/ul	
20) Pyrene	19.439	202	681314m	9.995	ng/ul	
21) Benzo(a)anthracene	21.193	228	384030m	6.212	ng/ul	
22) Chrysene	21.245	228	468042m	6.898	ng/ul	
24) Benzo(b)fluoranthene	22.762	252	653285m	7.188	ng/ul	
25) Benzo(k)fluoranthene	22.800	252	228828m	2.591	ng/ul	
26) Benzo(a)pyrene	23.329	252	248226m	3.925	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.658	276	249825m	2.523	ng/ul	
28) Dibenzo(a,h)anthracene	25.662	278	81282m	1.105	ng/ul	
29) Benzo(g,h,i)perylene	26.349	276	38481m	0.488	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032406.D
Acq On : 02 Jul 2024 18:24
Operator : MA/JU
Sample : P2871-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ1

Manual IntegrationsAPPROVED

Quant Time: Jul 02 23:55:40 2024
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