

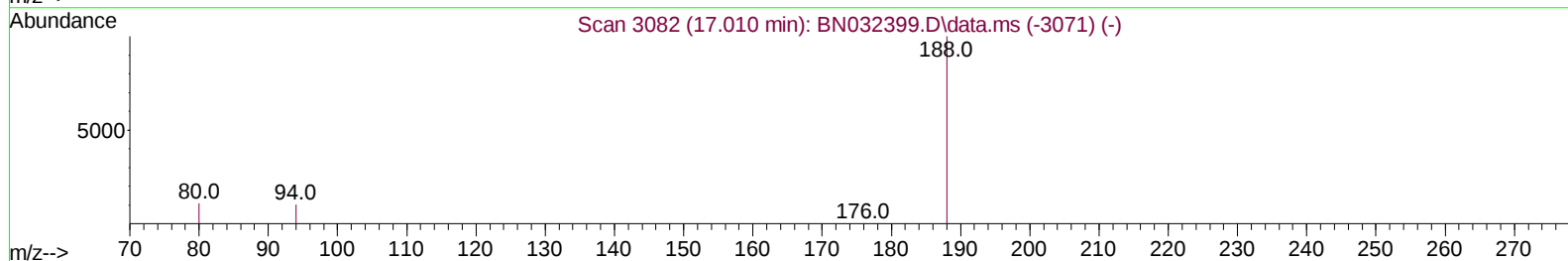
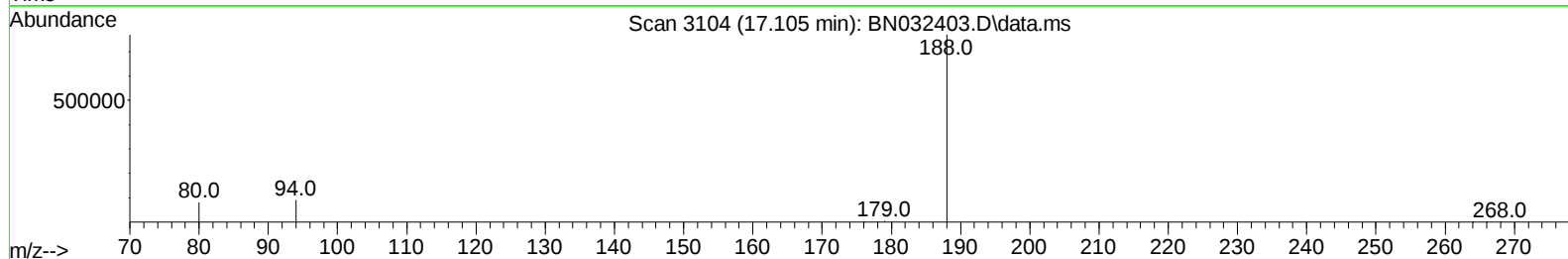
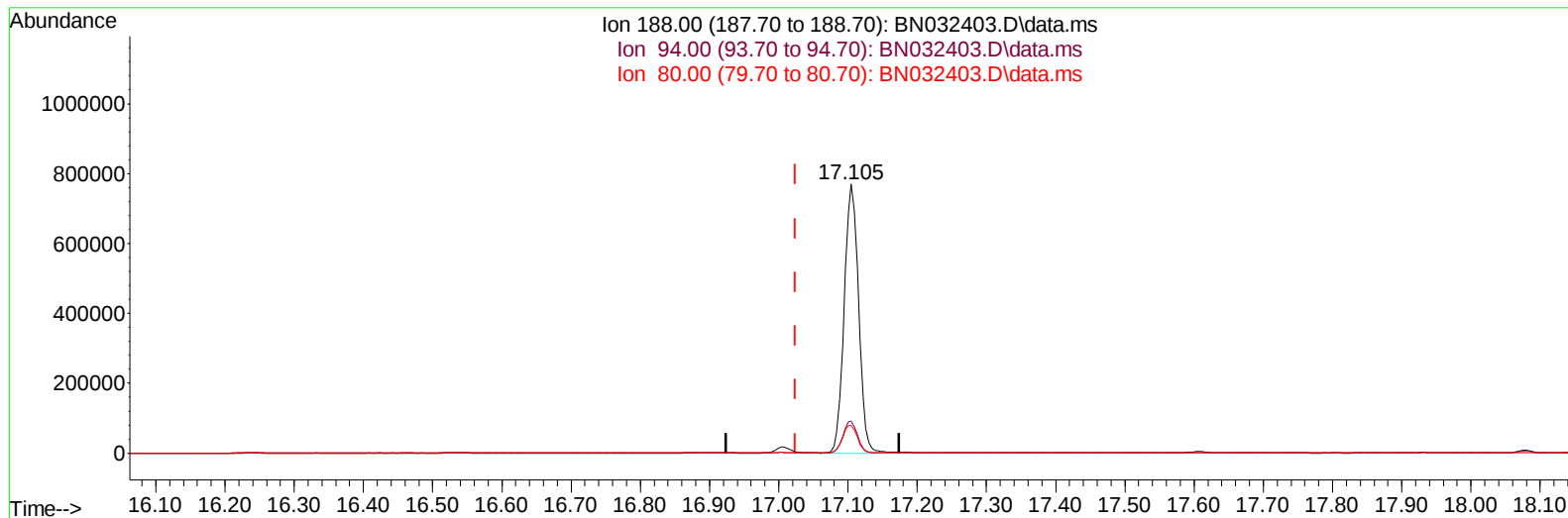
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032403.D
Acq On : 02 Jul 2024 16:35
Operator : MA/JU
Sample : P2871-06
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 18:51:03 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: BN032403.D\data.ms

(13) Phenanthrene-d10 (I)

17.105min (+ 0.080) 0.40 ng/u1

response 1110792

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.84
80.00	10.50	10.38
0.00	0.00	0.00

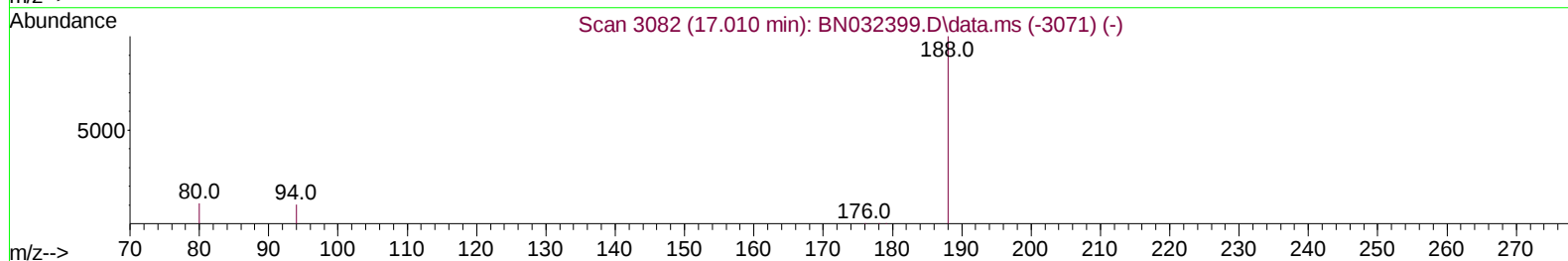
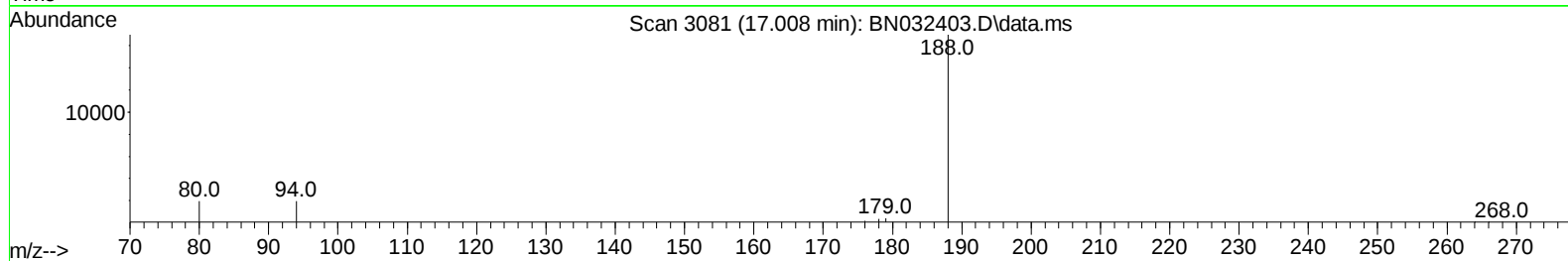
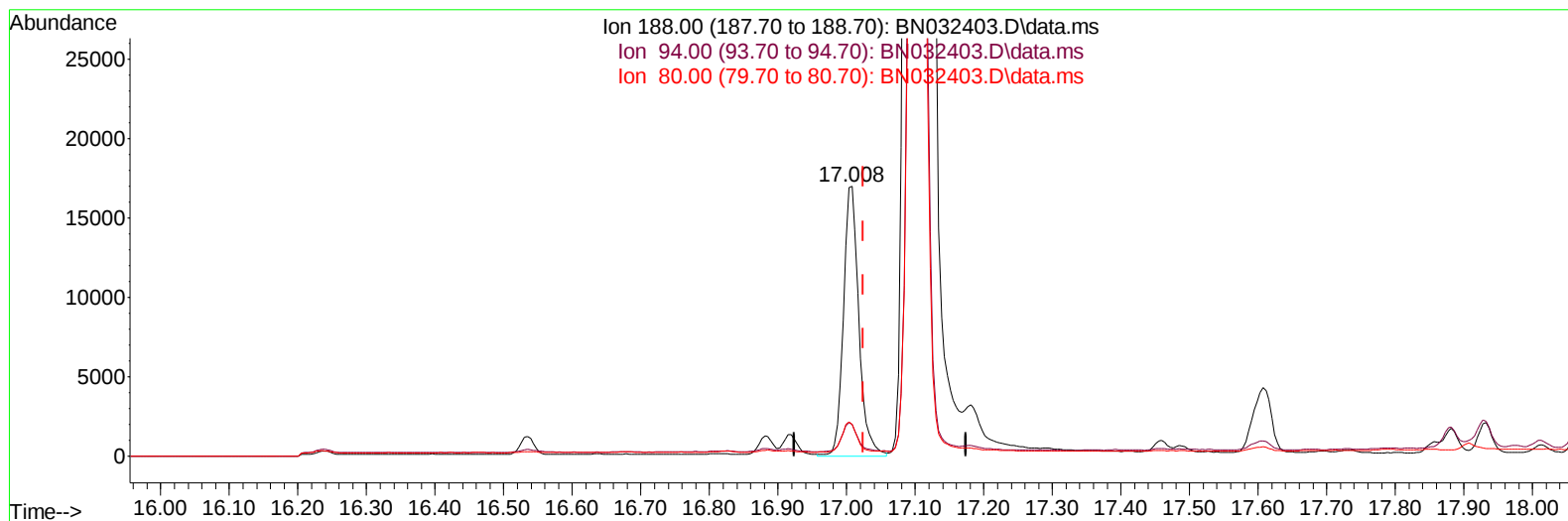
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032403.D
Acq On : 02 Jul 2024 16:35
Operator : MA/JU
Sample : P2871-06
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 18:51:03 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: BN032403.D\data.ms

(13) Phenanthrene-d10 (I)

17.008min (-0.017) 0.40 ng/ul m

response 26361

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.62
80.00	10.50	11.69
0.00	0.00	0.00

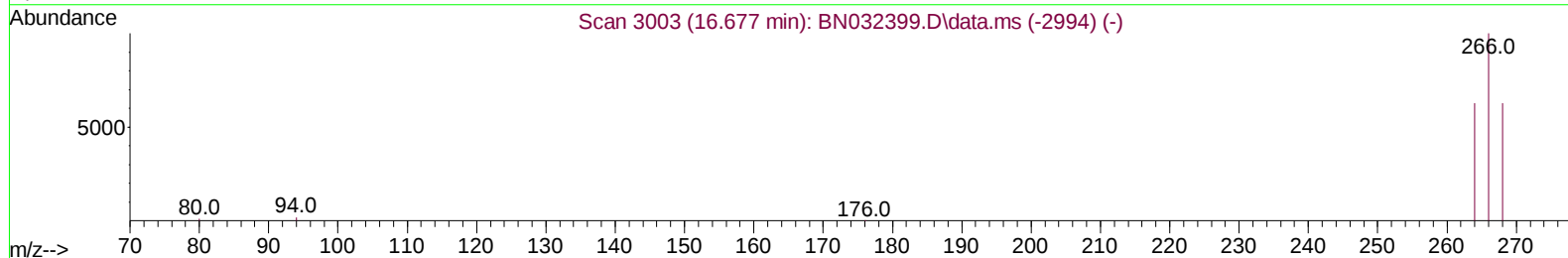
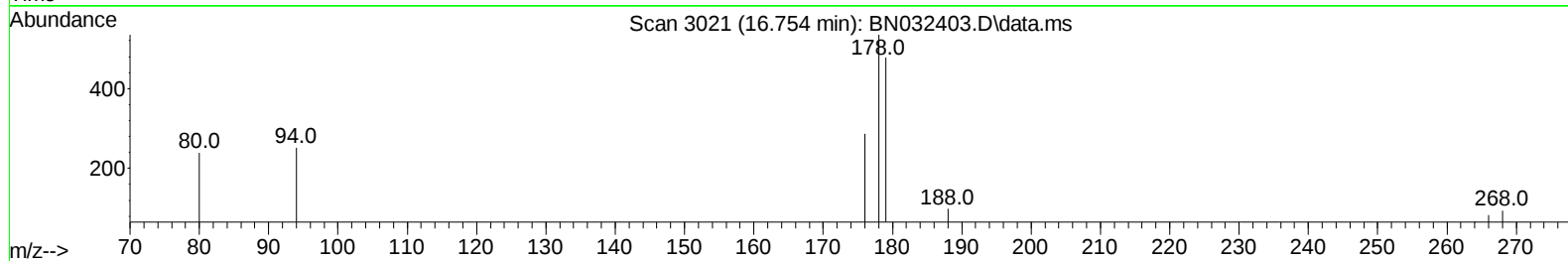
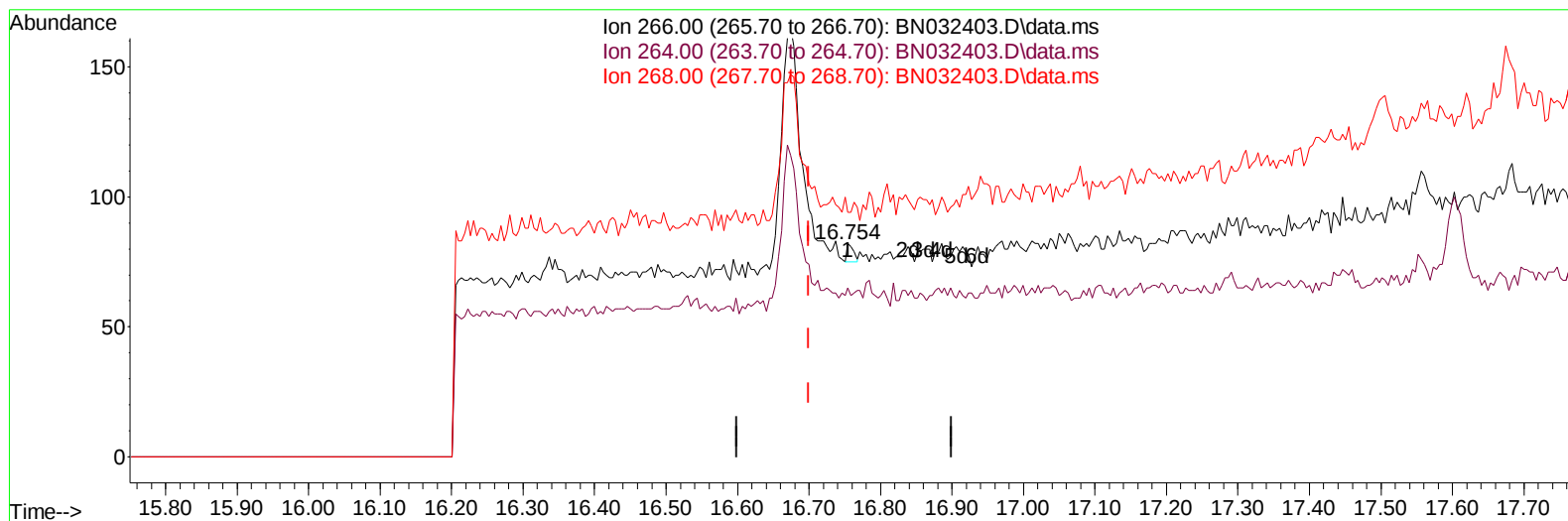
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032403.D
Acq On : 02 Jul 2024 16:35
Operator : MA/JU
Sample : P2871-06
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 18:51:03 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 07/03/2024
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TIC: BN032403.D\data.ms

(14) Pentachloropheno1

16.754min (+ 0.055) 0.00 ng/u1

response	5	
Ion	Exp%	Act%
266.00	100.00	100.00
264.00	62.40	80.00#
268.00	65.50	60.00
0.00	0.00	0.00

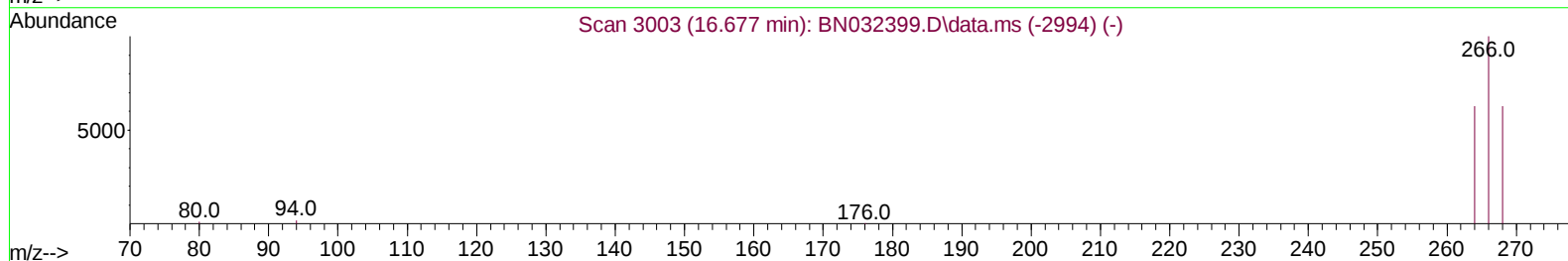
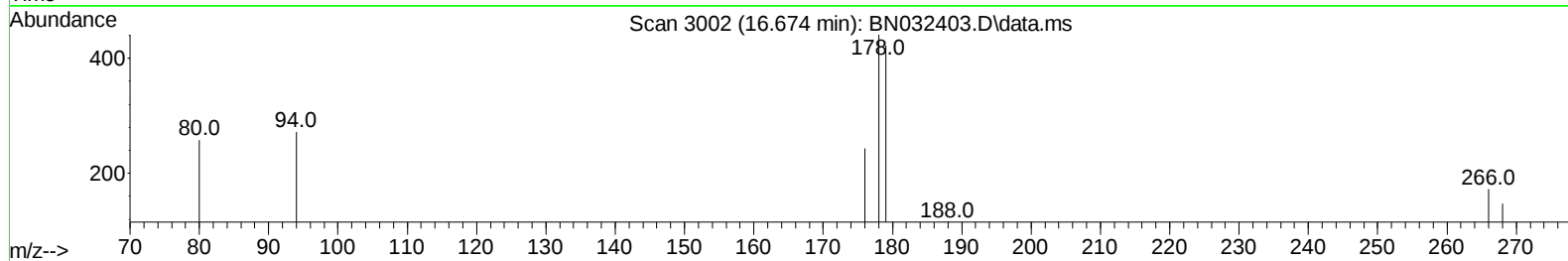
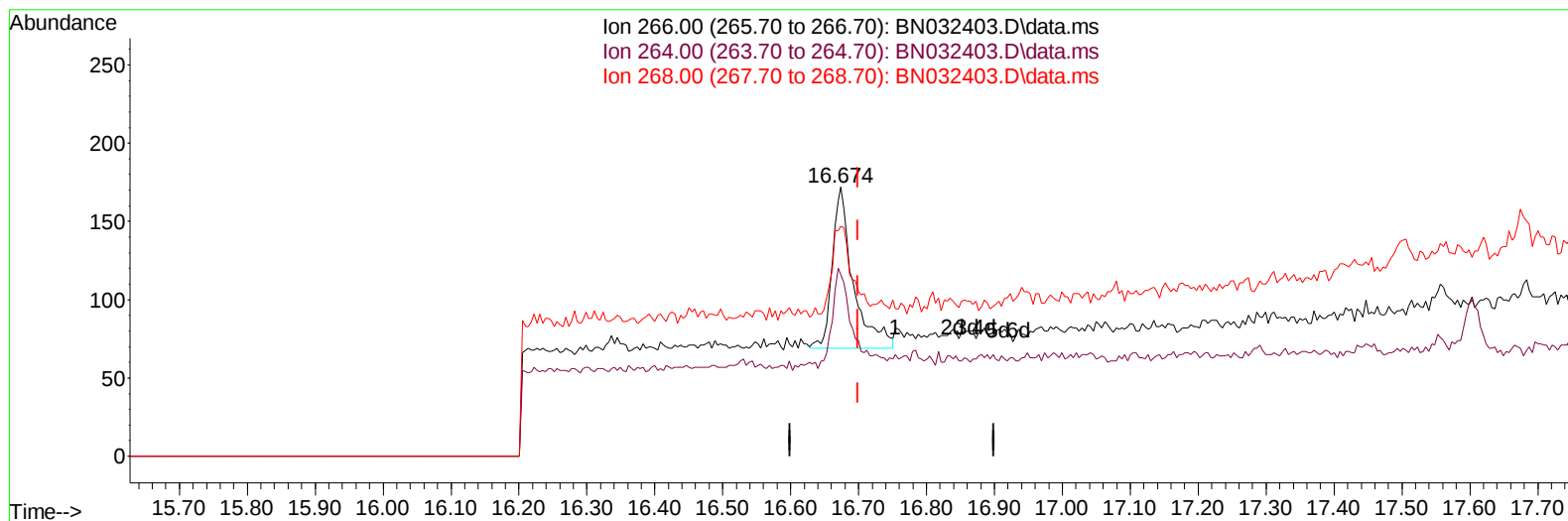
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032403.D
Acq On : 02 Jul 2024 16:35
Operator : MA/JU
Sample : P2871-06
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C54

Manual IntegrationsAPPROVED

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

Quant Time: Jul 02 18:51:03 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: BN032403.D\data.ms

(14) Pentachloropheno1

16.674min (-0.025) 0.04 ng/ul m

response 220

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	62.40	1.82#
268.00	65.50	1.36#
0.00	0.00	0.00

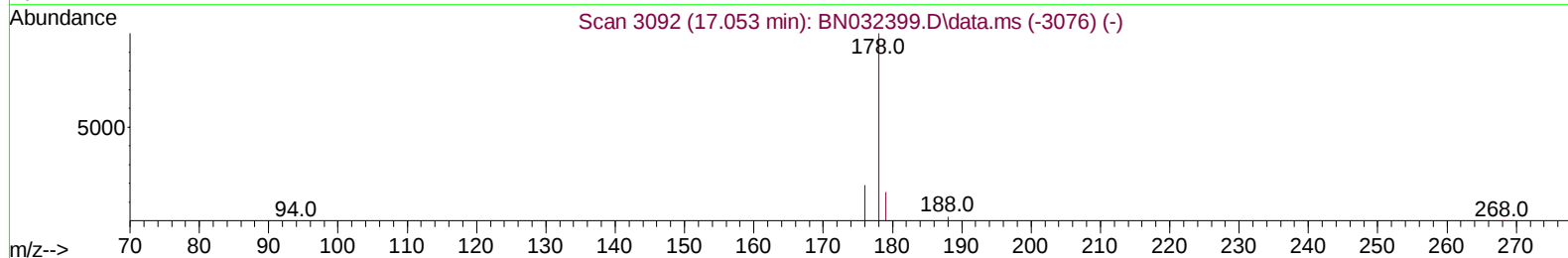
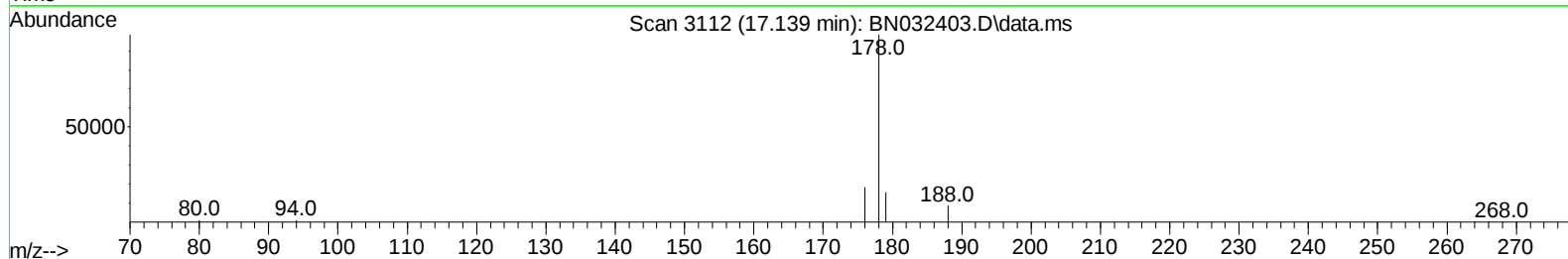
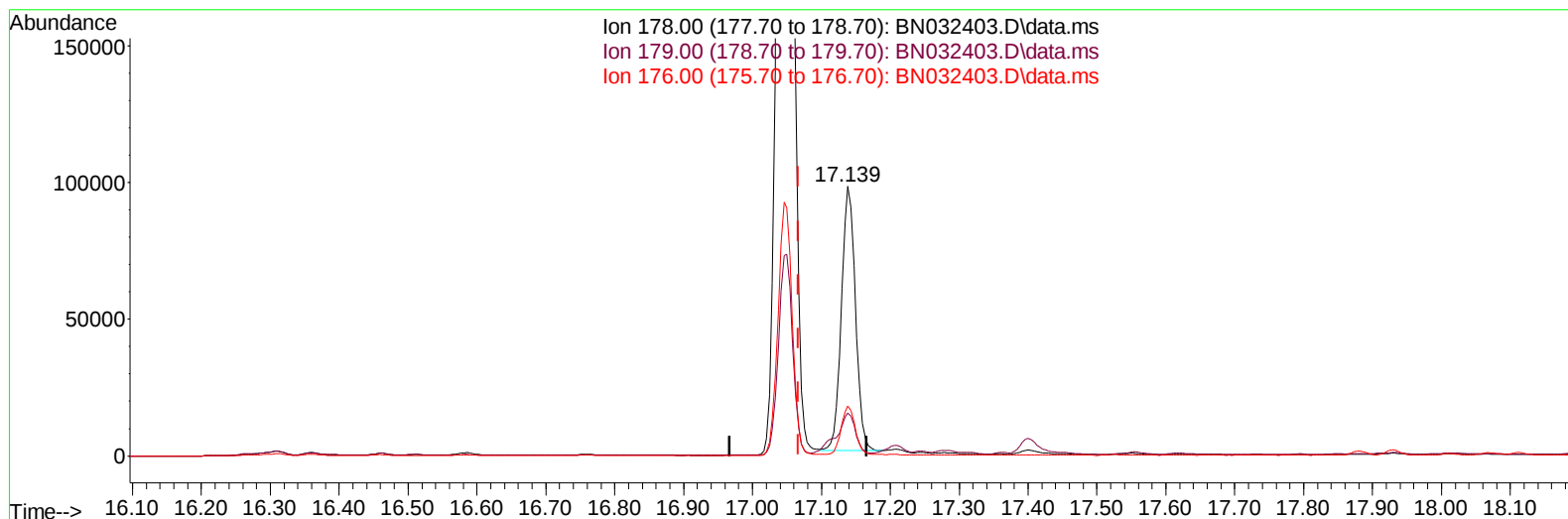
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032403.D
Acq On : 02 Jul 2024 16:35
Operator : MA/JU
Sample : P2871-06
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 18:51:03 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032403.D\data.ms

(15) Phenanthrene

17.139min (+ 0.072) 1.89 ng/u1

response 136584

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	16.04
176.00	19.50	18.55
0.00	0.00	0.00

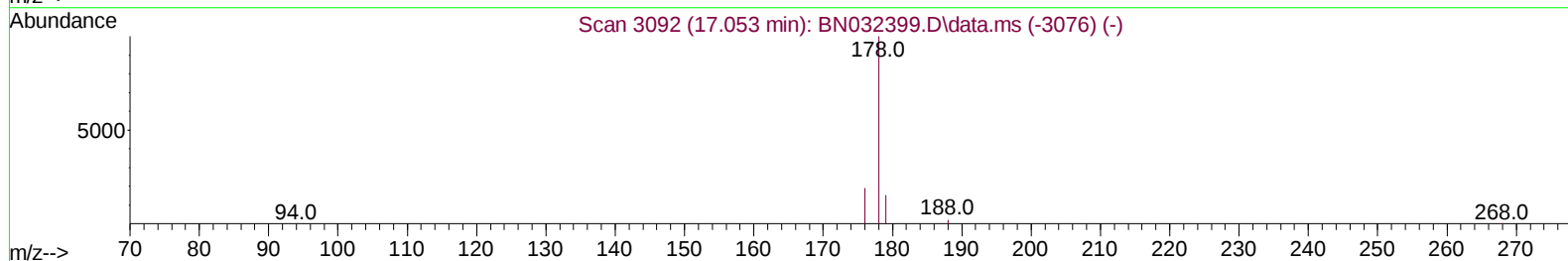
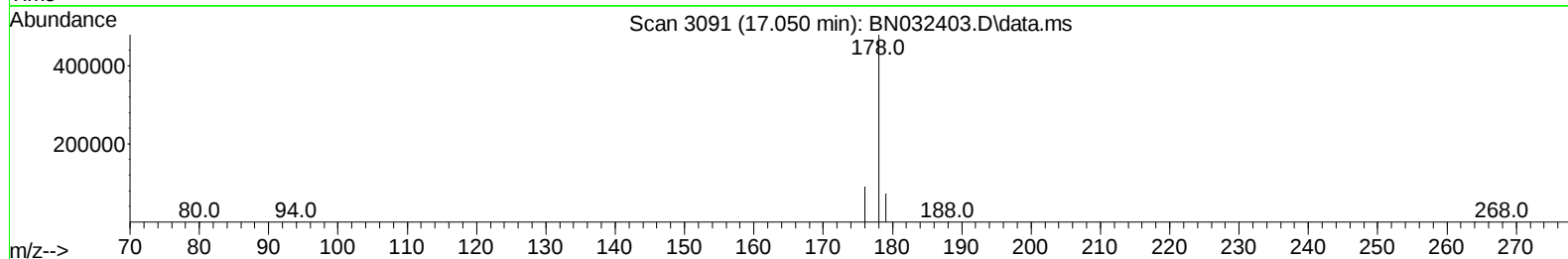
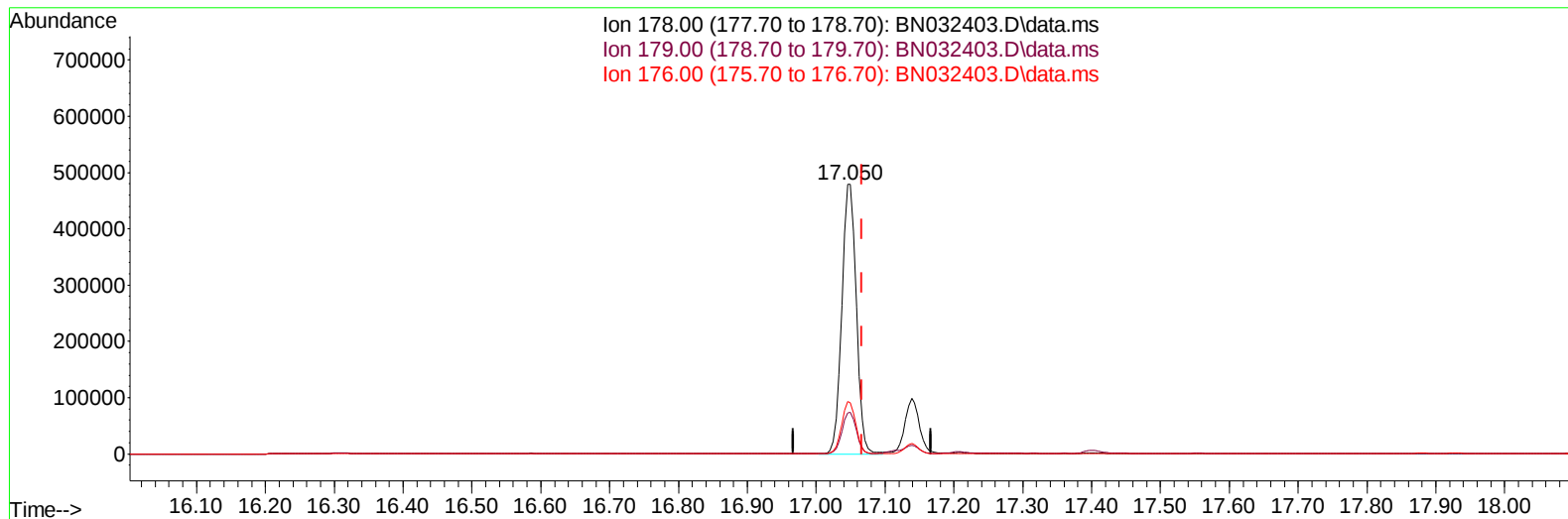
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032403.D
Acq On : 02 Jul 2024 16:35
Operator : MA/JU
Sample : P2871-06
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C54

Manual IntegrationsAPPROVED

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

Quant Time: Jul 02 18:51:03 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: BN032403.D\data.ms

(15) Phenanthrene

17.050min (-0.017) 9.66 ng/ul m

response 697922

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.38
176.00	19.50	18.97
0.00	0.00	0.00

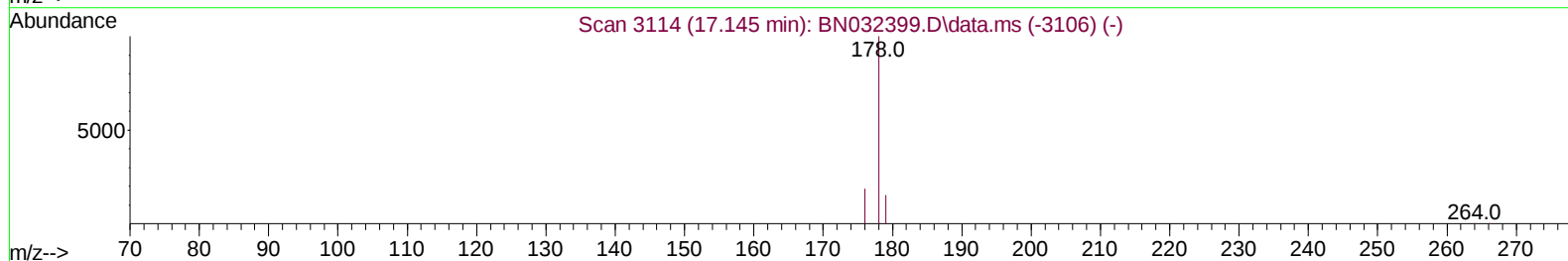
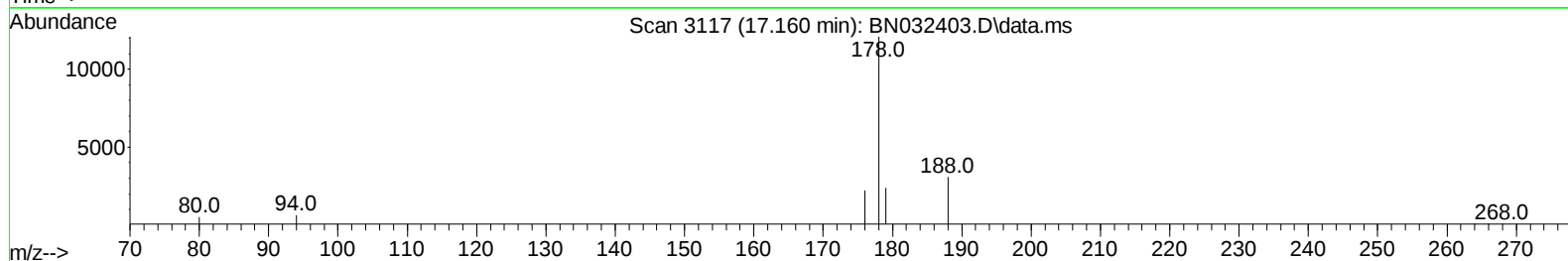
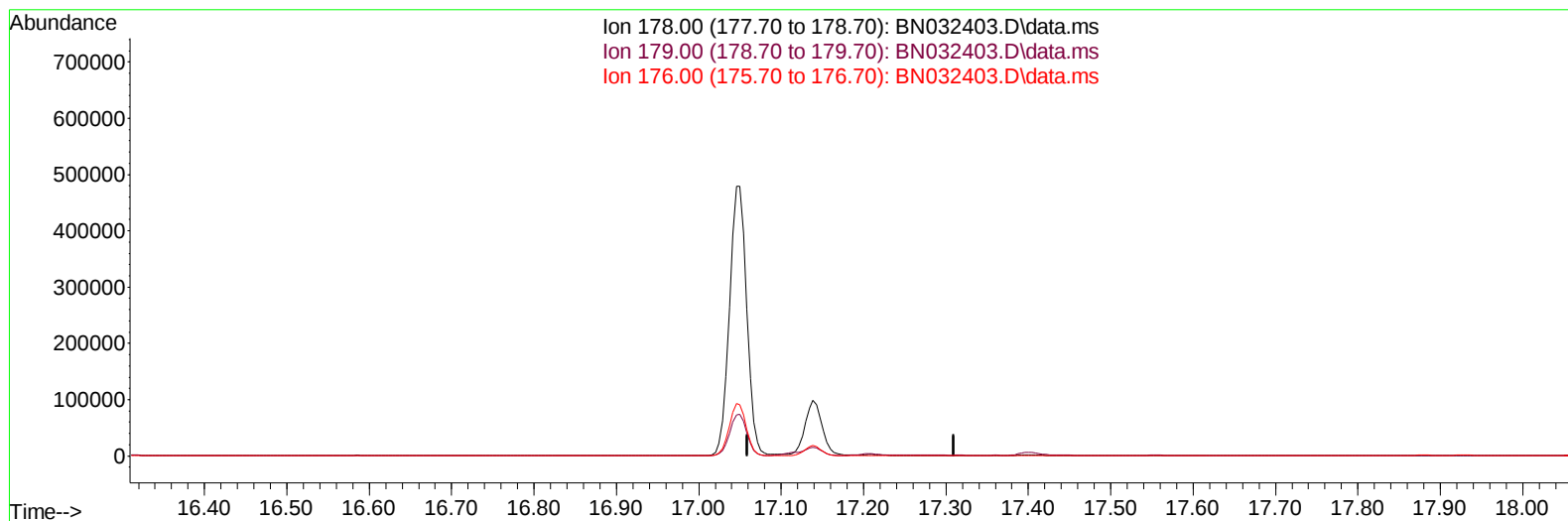
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032403.D
Acq On : 02 Jul 2024 16:35
Operator : MA/JU
Sample : P2871-06
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C54

Manual IntegrationsAPPROVED

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

Quant Time: Jul 02 18:51:03 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: BN032403.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

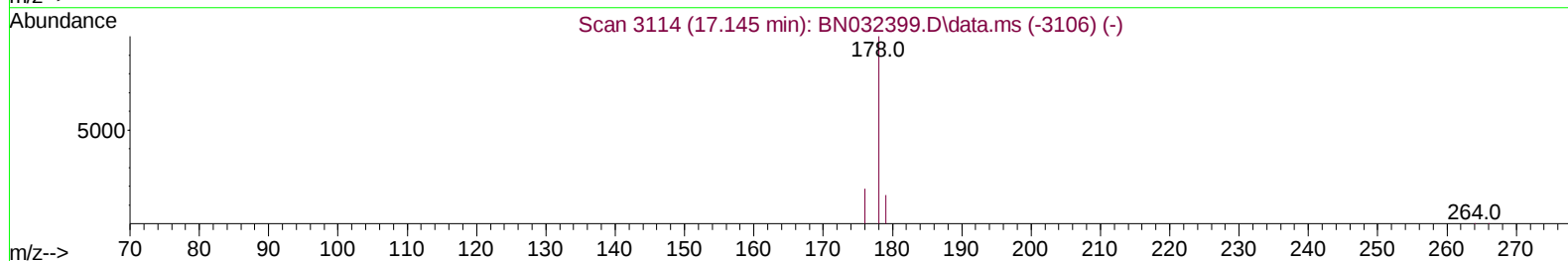
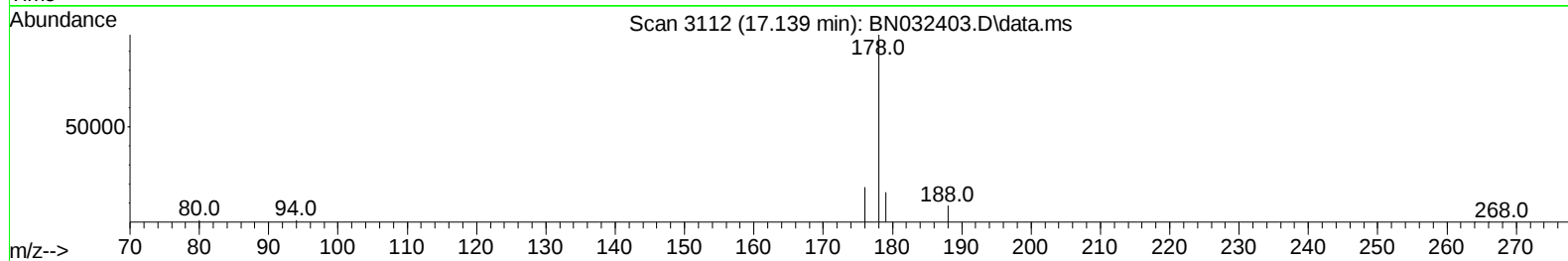
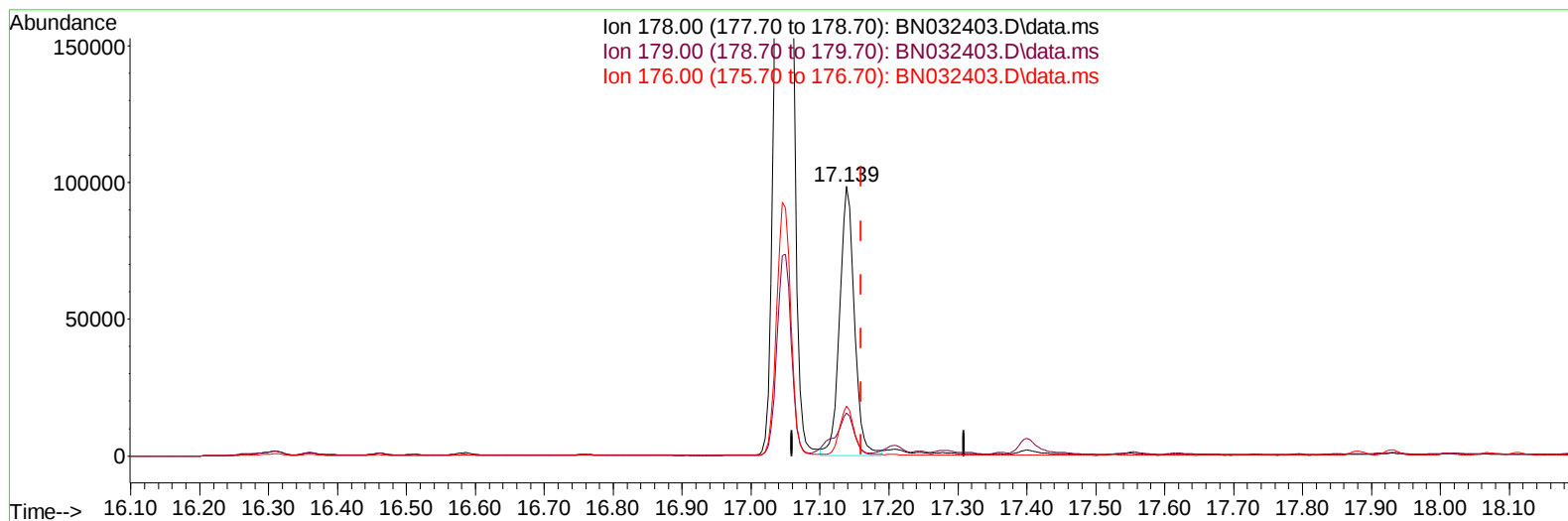
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032403.D
Acq On : 02 Jul 2024 16:35
Operator : MA/JU
Sample : P2871-06
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 18:51:03 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: BN032403.D\data.ms

(16) Anthracene

17.139min (-0.021) 2.26 ng/ul m

response 145605

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	16.04
176.00	18.80	18.55
0.00	0.00	0.00

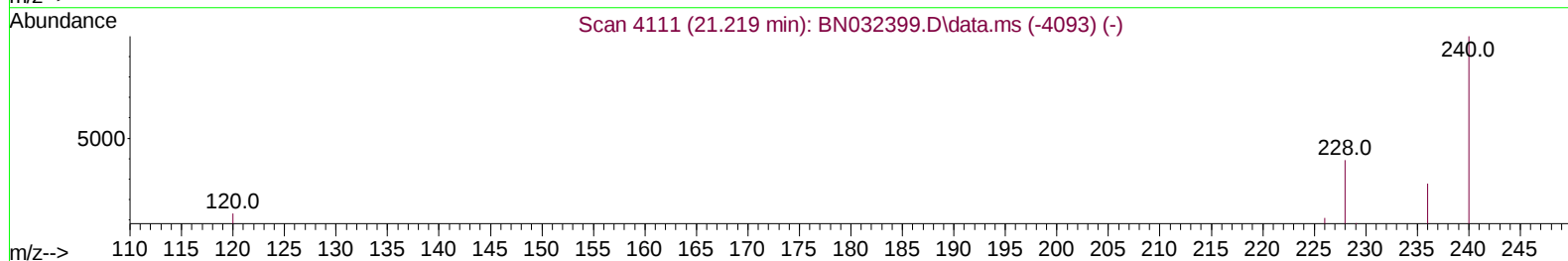
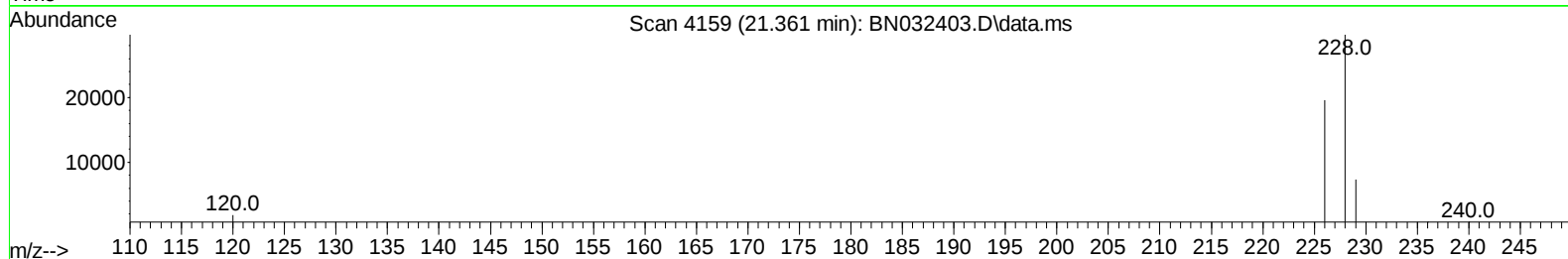
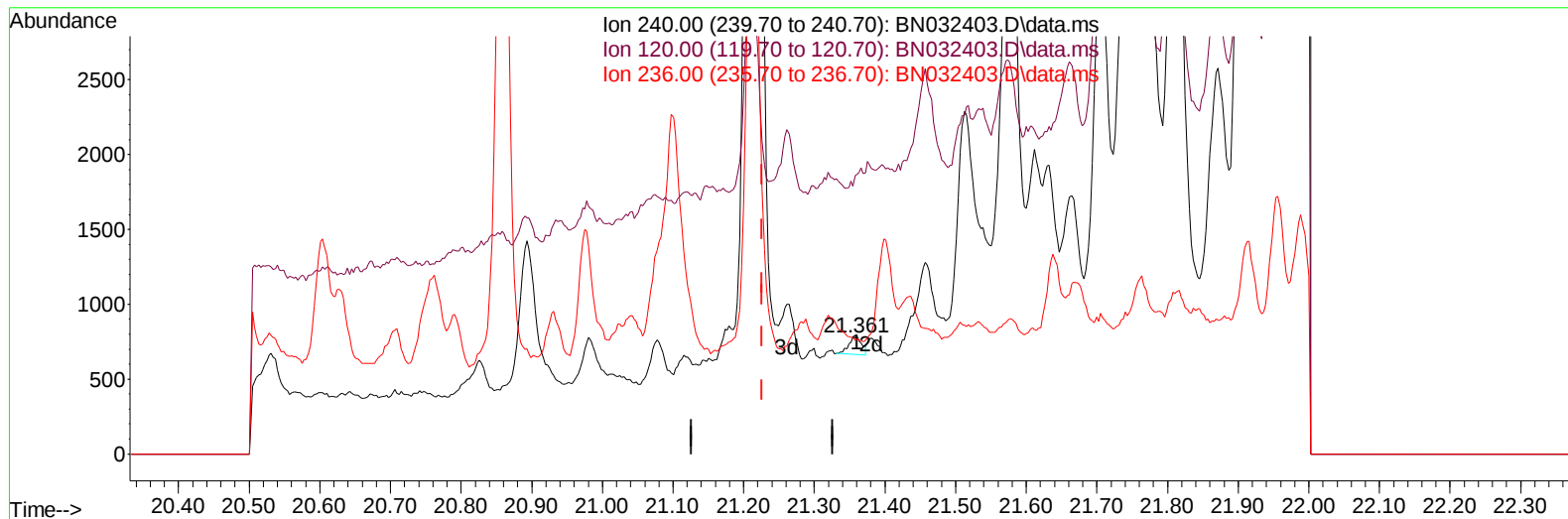
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032403.D
Acq On : 02 Jul 2024 16:35
Operator : MA/JU
Sample : P2871-06
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 18:51:03 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: BN032403.D\data.ms

(17) Chrysene-d12

21.361min (+ 0.134) 0.40 ng/u1

response 153

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	239.26#
236.00	28.40	98.47#
0.00	0.00	0.00

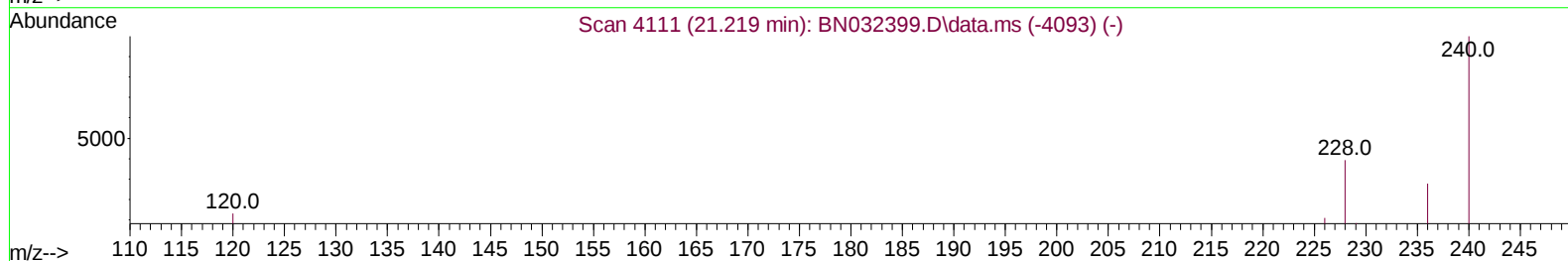
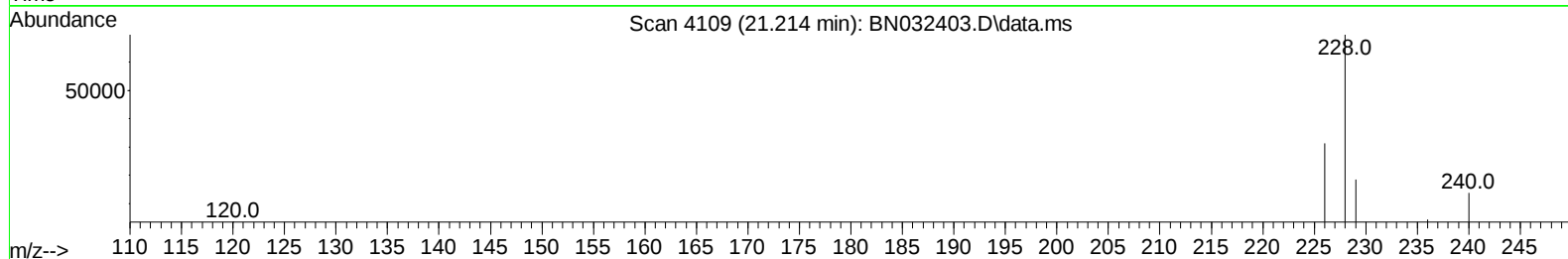
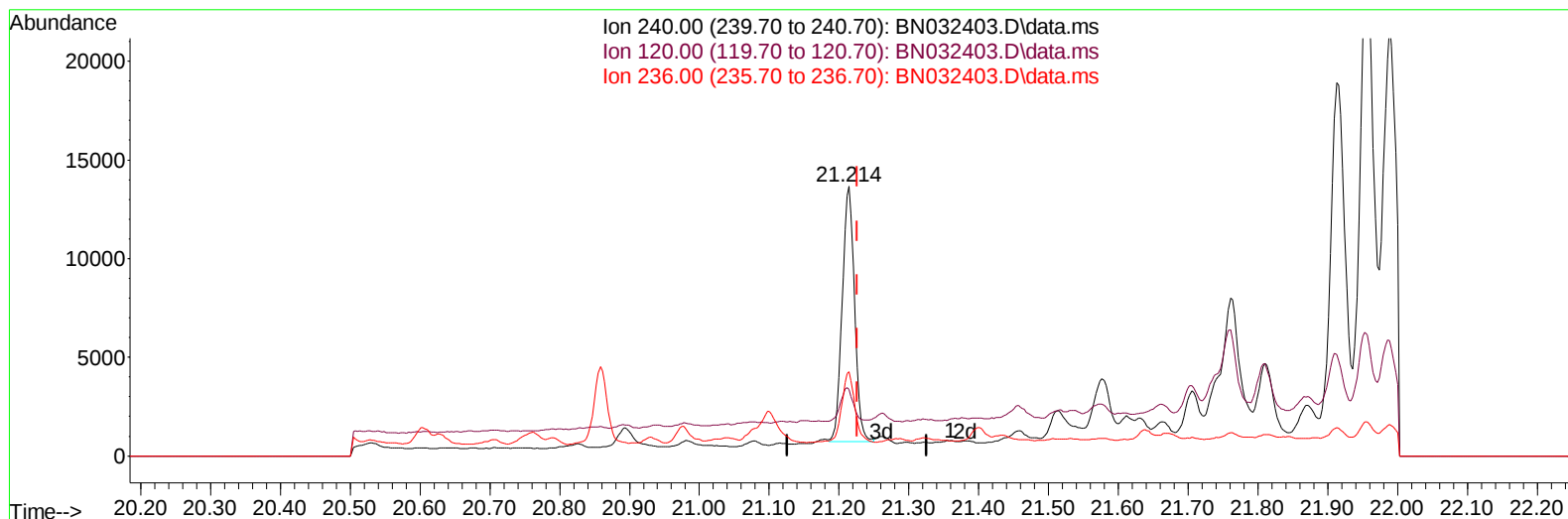
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032403.D
Acq On : 02 Jul 2024 16:35
Operator : MA/JU
Sample : P2871-06
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 18:51:03 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: BN032403.D\data.ms

(17) Chrysene-d12

21.214min (-0.012) 0.40 ng/u1 m

response 15904

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	24.72#
236.00	28.40	31.14
0.00	0.00	0.00

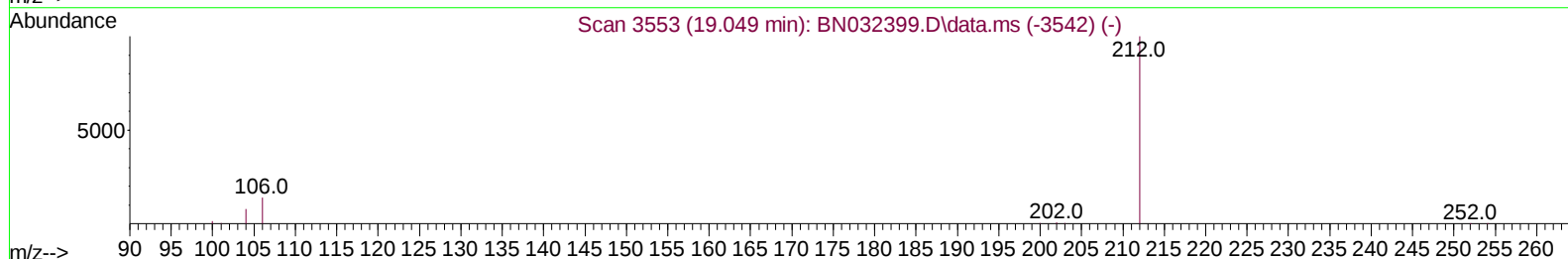
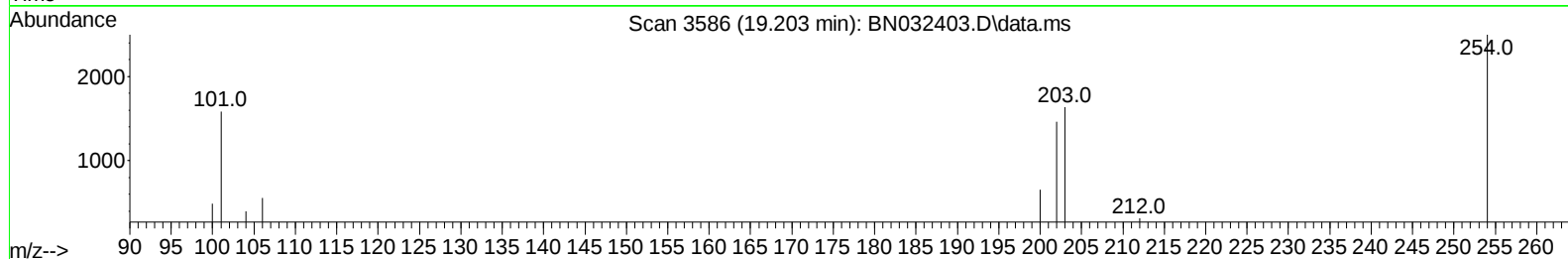
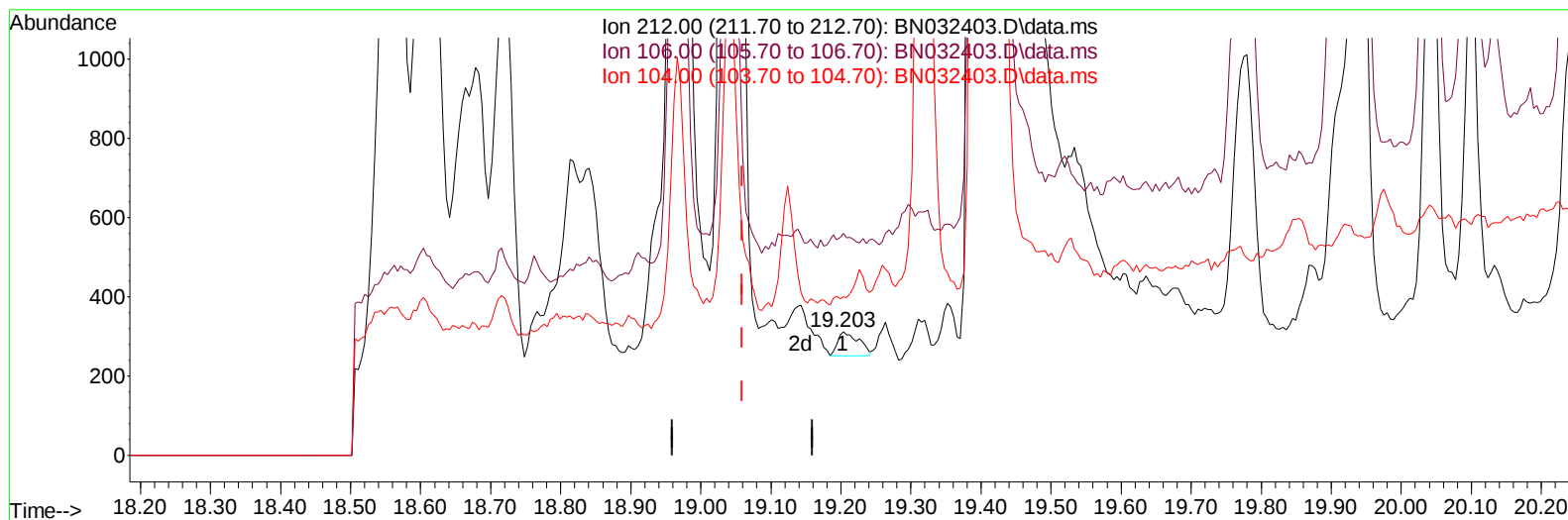
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032403.D
Acq On : 02 Jul 2024 16:35
Operator : MA/JU
Sample : P2871-06
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 18:51:03 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 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032403.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.203min (+ 0.144) 0.00 ng/u1

response 123

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	45.53#
104.00	8.40	21.14#
0.00	0.00	0.00

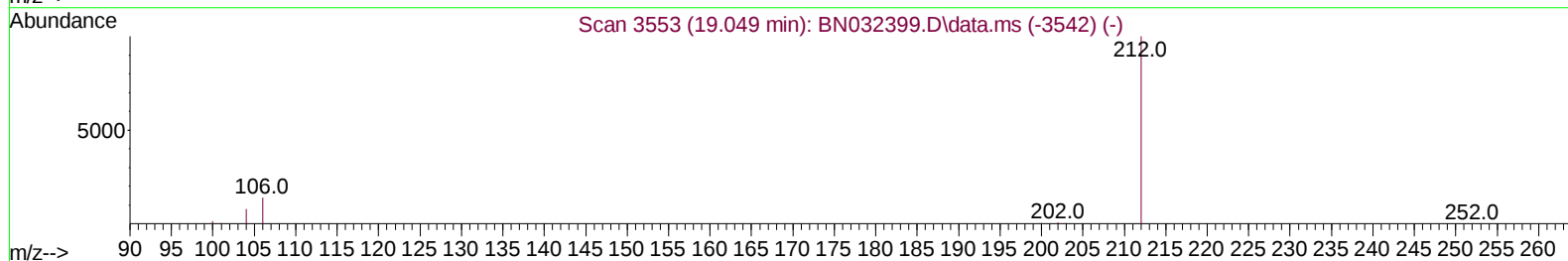
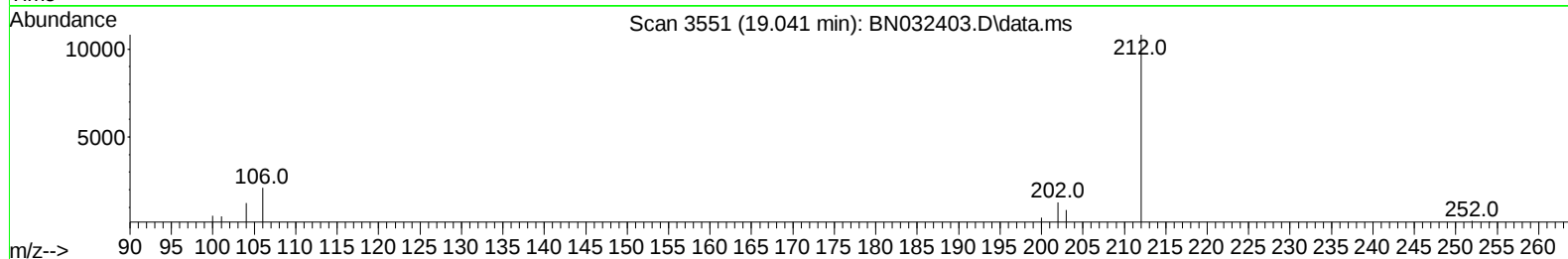
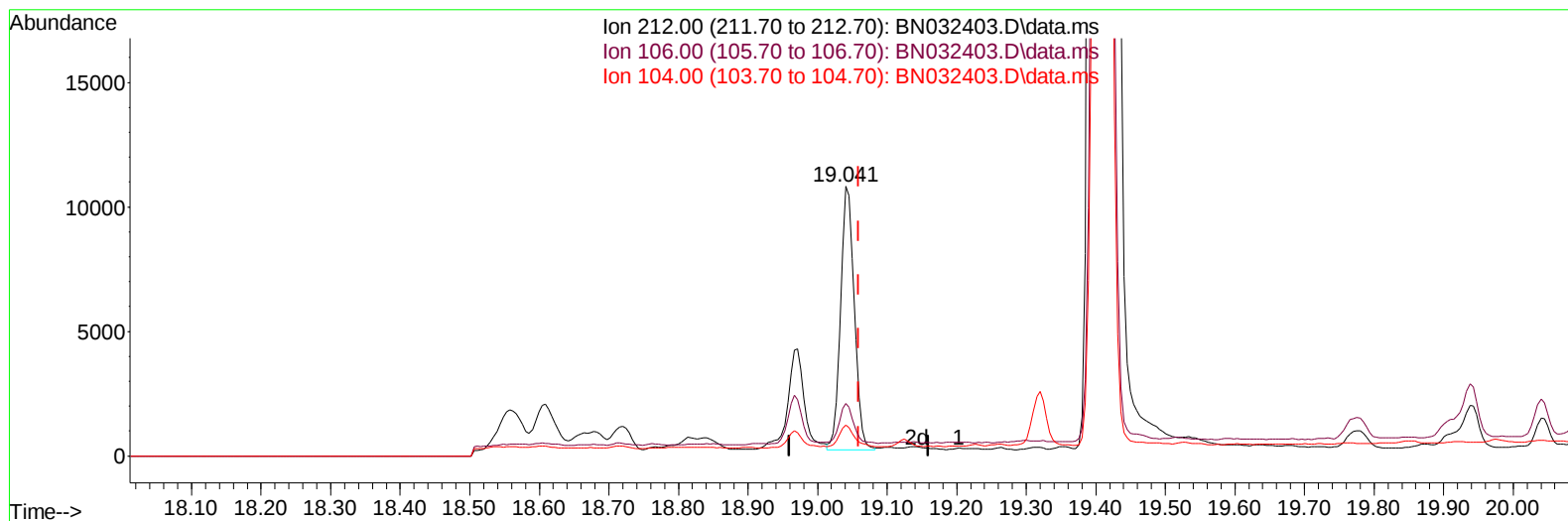
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032403.D
Acq On : 02 Jul 2024 16:35
Operator : MA/JU
Sample : P2871-06
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 18:51:03 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: BN032403.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.041min (-0.019) 0.30 ng/u1 m

response 14456

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	0.39#
104.00	8.40	0.18#
0.00	0.00	0.00

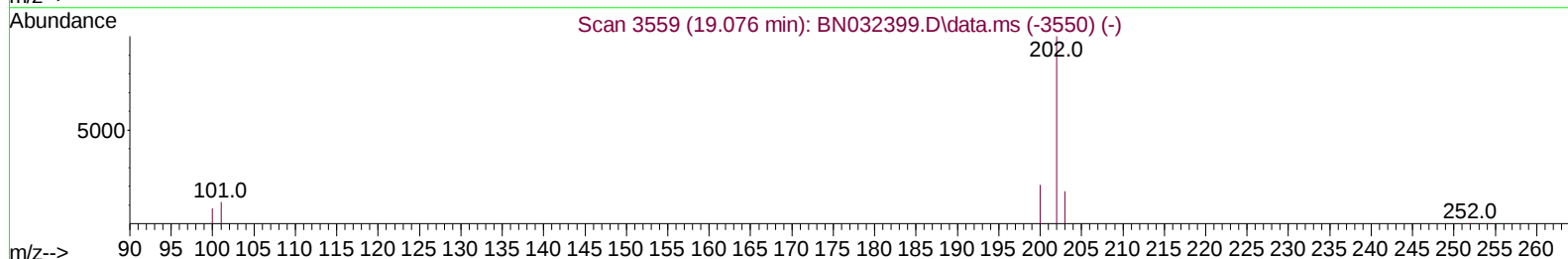
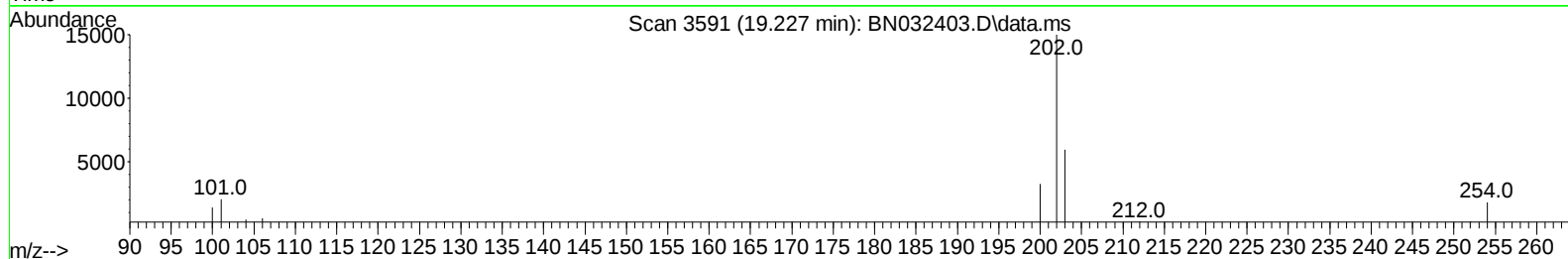
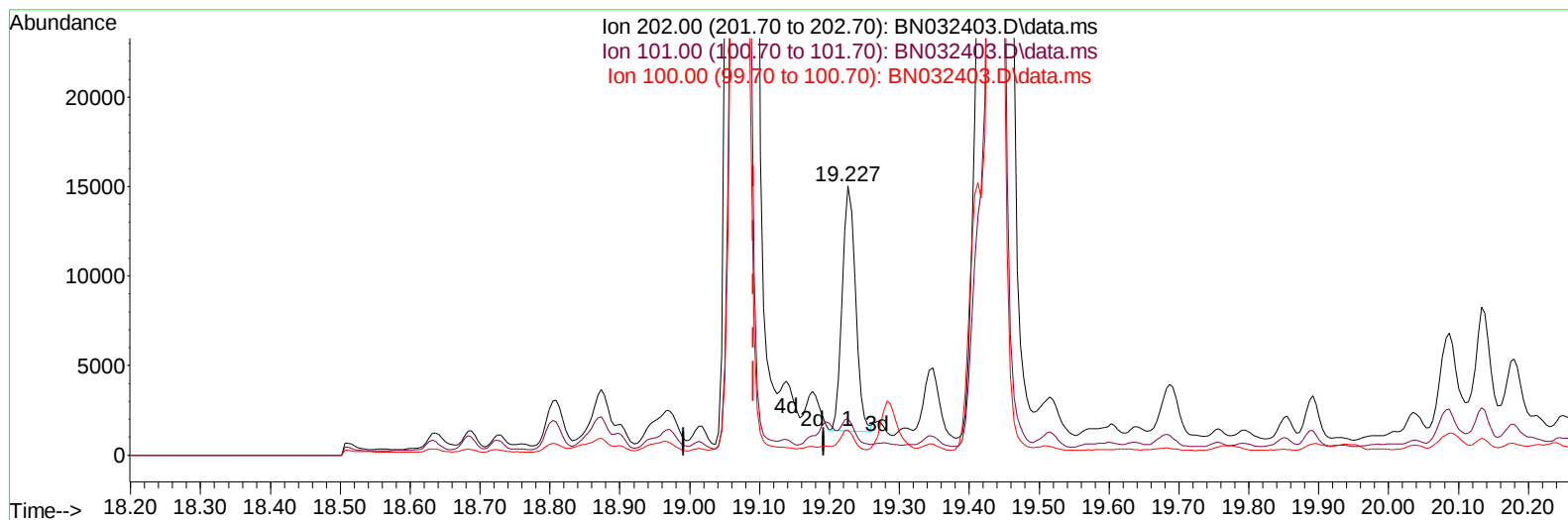
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032403.D
Acq On : 02 Jul 2024 16:35
Operator : MA/JU
Sample : P2871-06
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 18:51:03 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: BN032403.D\data.ms

(19) Fluoranthene (C)

19.227min (+ 0.135) 0.30 ng/u1

response 17875

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	13.66#
100.00	8.00	9.23
0.00	0.00	0.00

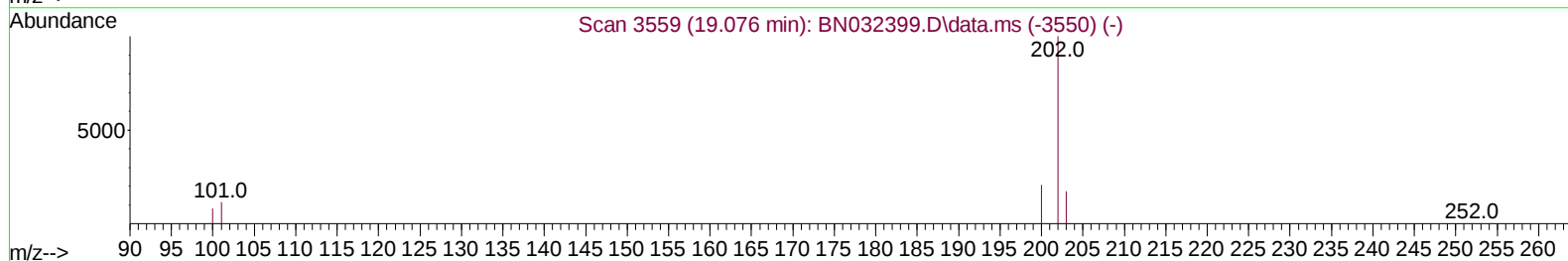
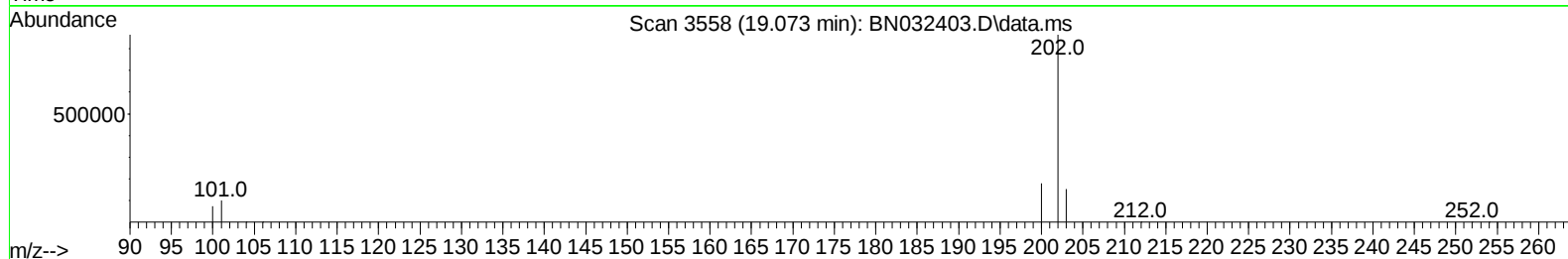
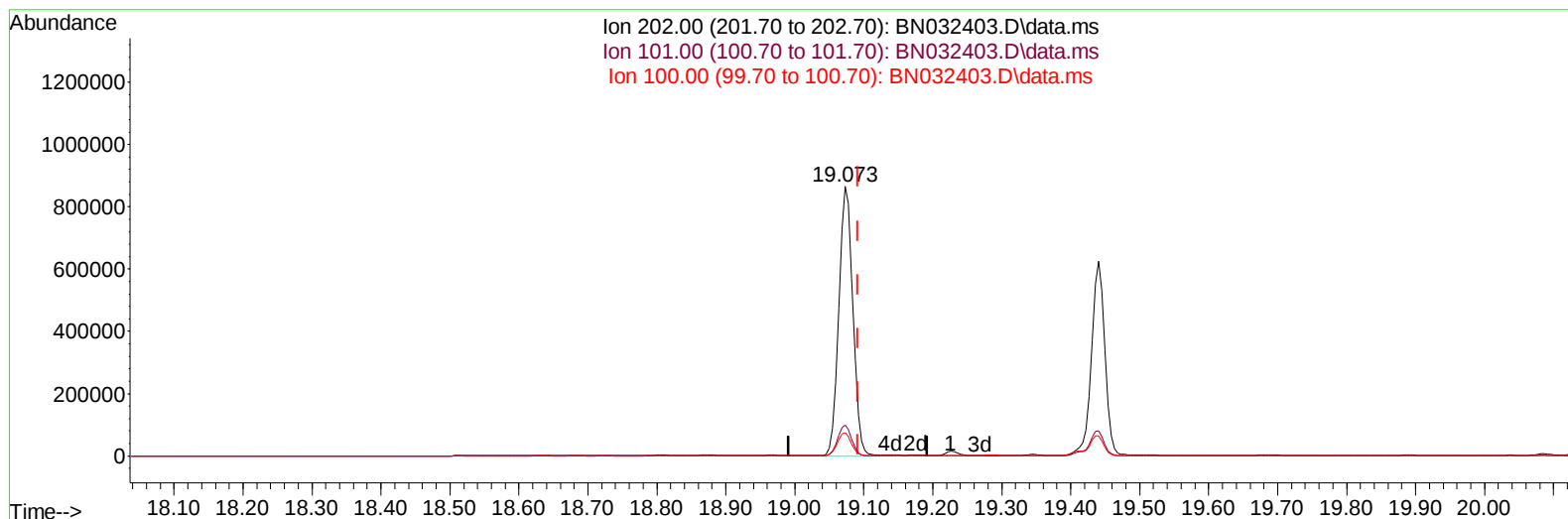
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032403.D
 Acq On : 02 Jul 2024 16:35
 Operator : MA/JU
 Sample : P2871-06
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 18:51:03 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: BN032403.D\data.ms

(19) Fluoranthene (C)

19.073min (-0.019) 19.92 ng/ul m

response 1206567

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.46
100.00	8.00	8.62
0.00	0.00	0.00

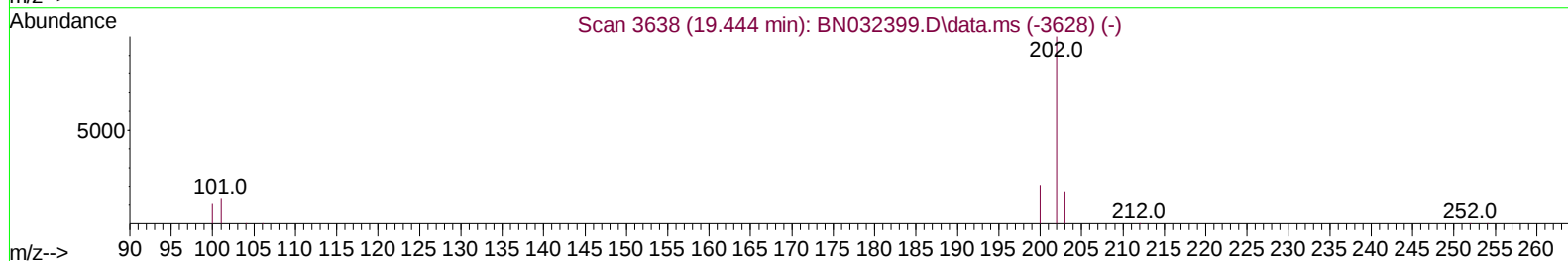
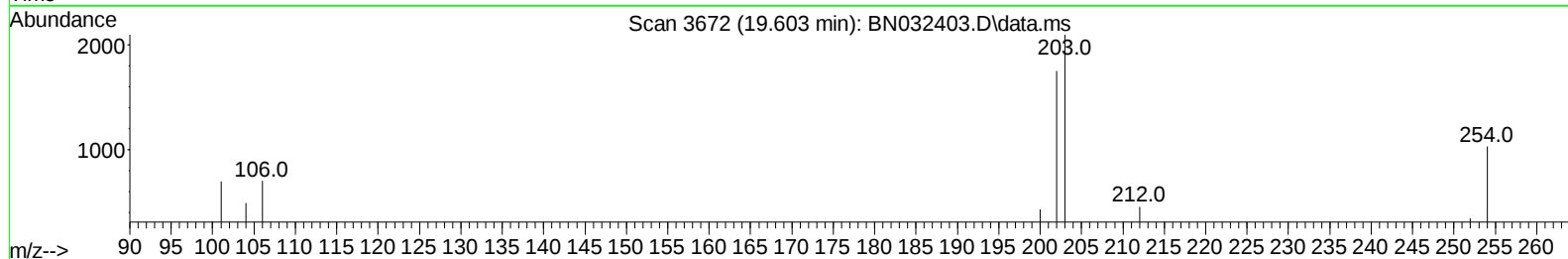
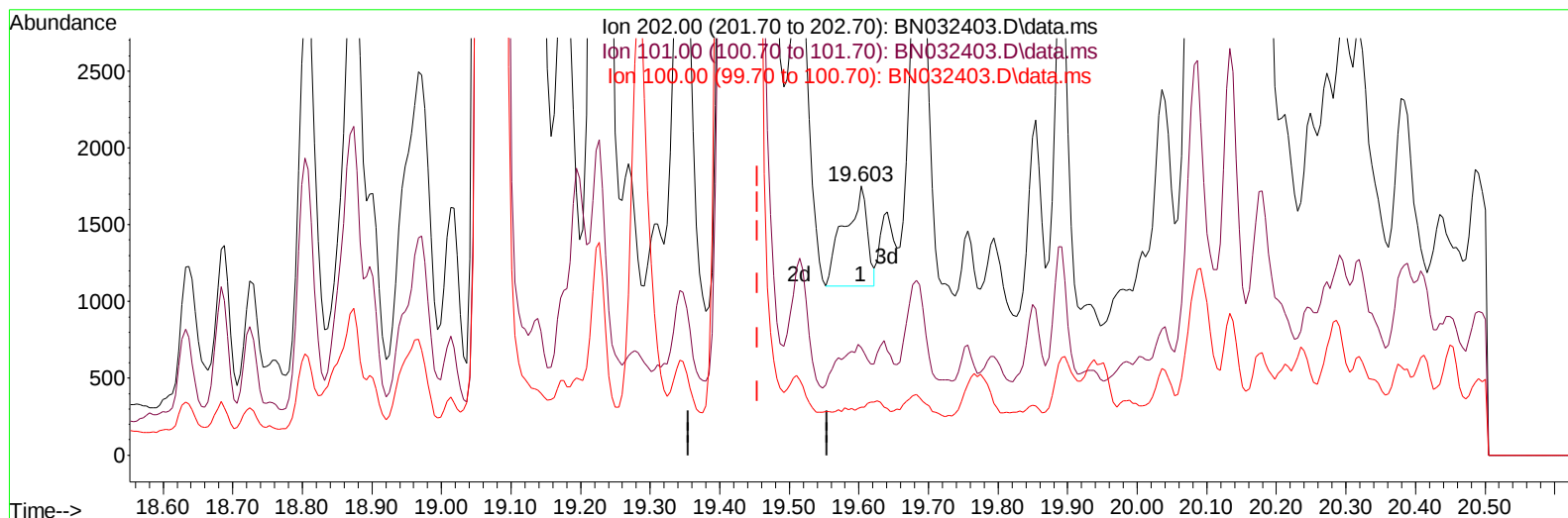
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032403.D
 Acq On : 02 Jul 2024 16:35
 Operator : MA/JU
 Sample : P2871-06
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 18:51:03 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: BN032403.D\data.ms

(20) Pyrene

19.603min (+ 0.149) 0.02 ng/u1

response 1485

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	40.09#
100.00	10.90	17.82#
0.00	0.00	0.00

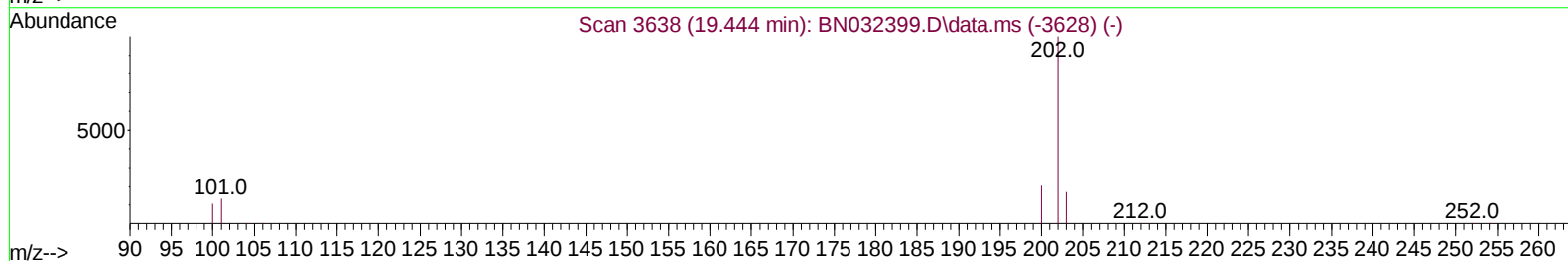
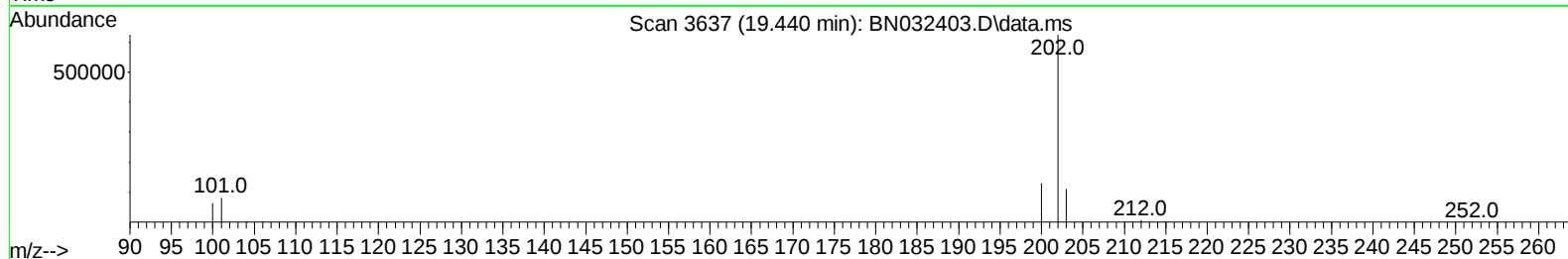
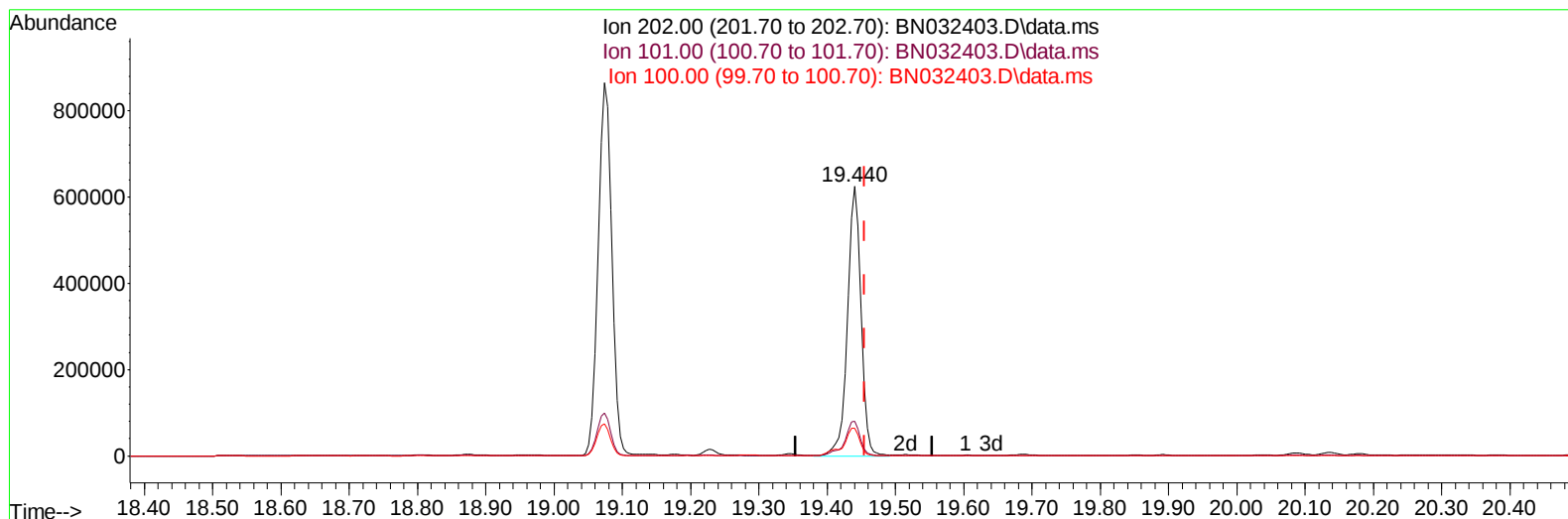
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032403.D
Acq On : 02 Jul 2024 16:35
Operator : MA/JU
Sample : P2871-06
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 18:51:03 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: BN032403.D\data.ms

(20) Pyrene

19.440min (-0.014) 13.56 ng/ul m

response 858409

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	12.99
100.00	10.90	10.34
0.00	0.00	0.00

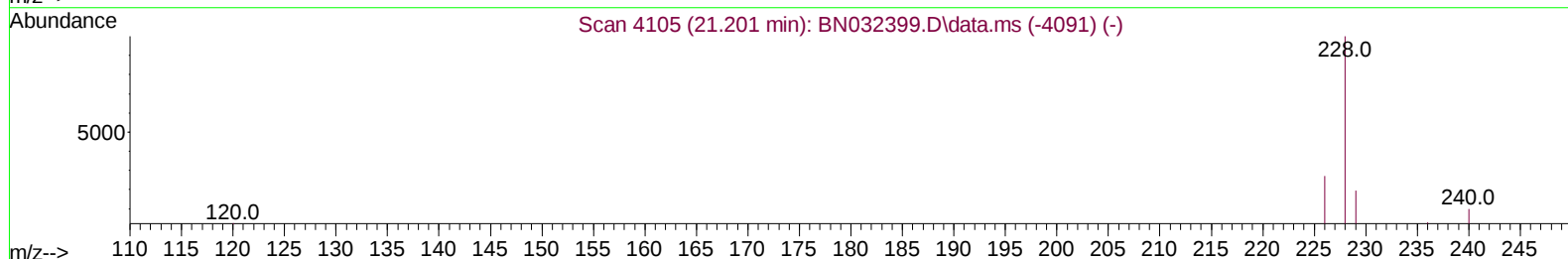
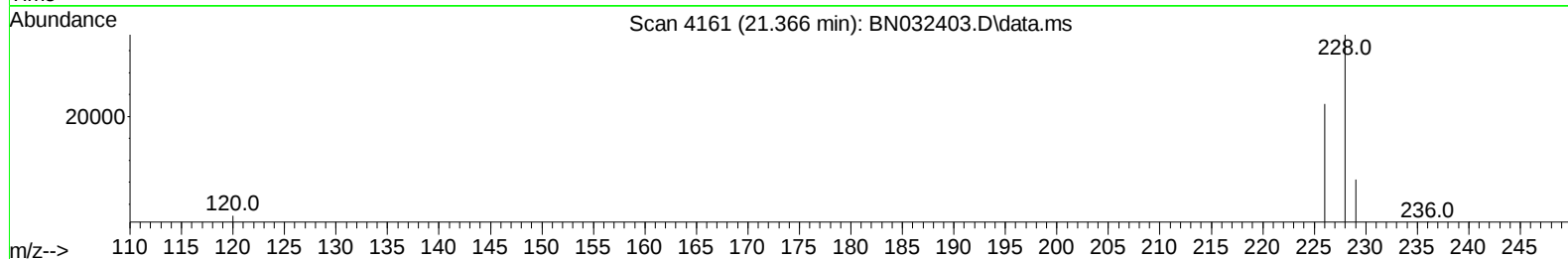
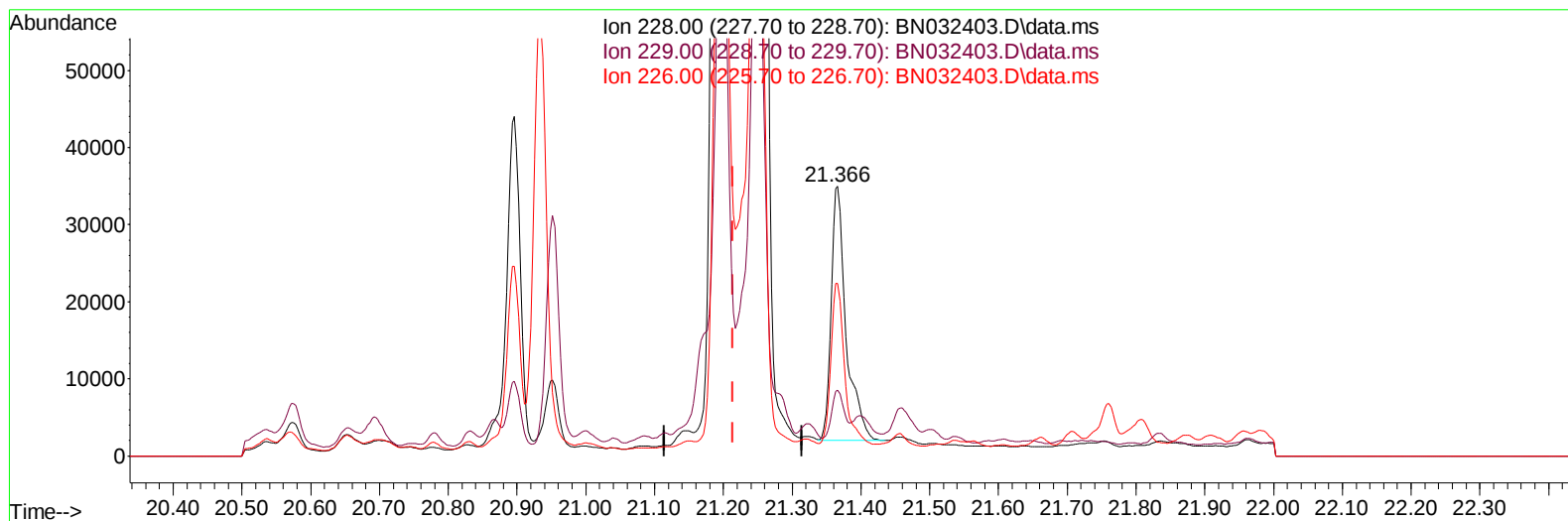
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032403.D
Acq On : 02 Jul 2024 16:35
Operator : MA/JU
Sample : P2871-06
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 18:51:03 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: BN032403.D\data.ms

(21) Benzo(a)anthracene

21.366min (+ 0.152) 0.87 ng/u1

response 49685

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	24.40#
226.00	27.30	63.92#
0.00	0.00	0.00

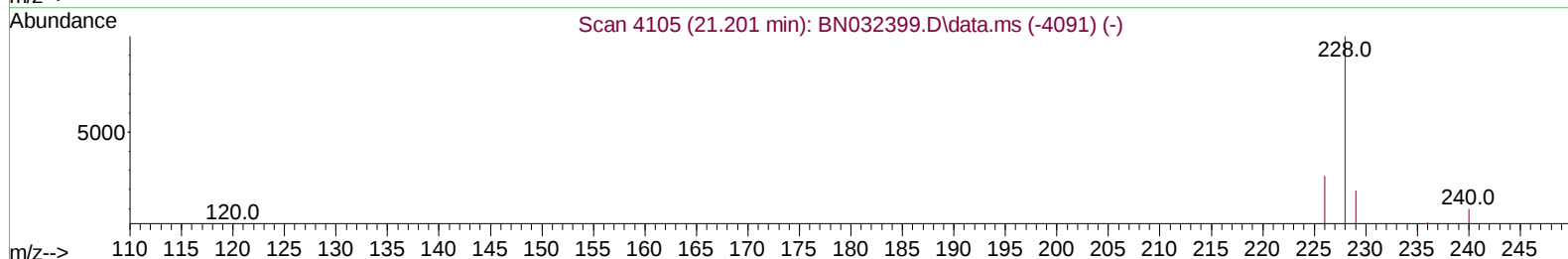
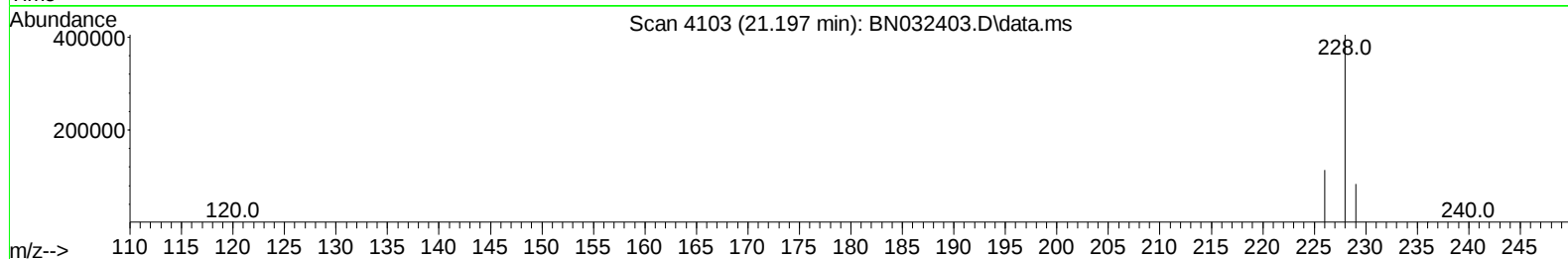
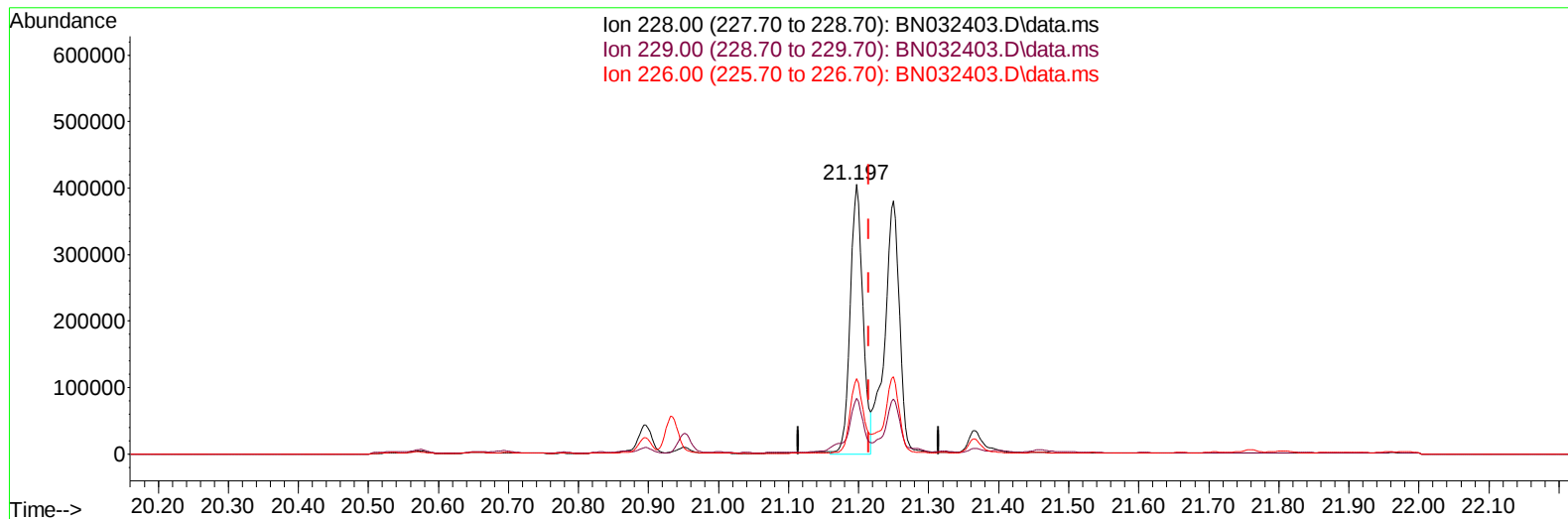
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032403.D
Acq On : 02 Jul 2024 16:35
Operator : MA/JU
Sample : P2871-06
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 18:51:03 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: BN032403.D\data.ms

(21) Benzo(a)anthracene

21.197min (-0.018) 8.89 ng/u1 m

response 510574

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	20.58
226.00	27.30	28.05
0.00	0.00	0.00

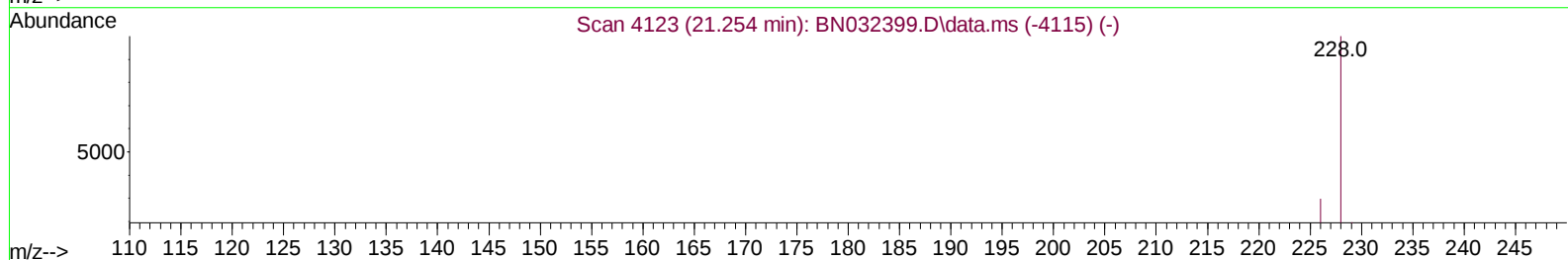
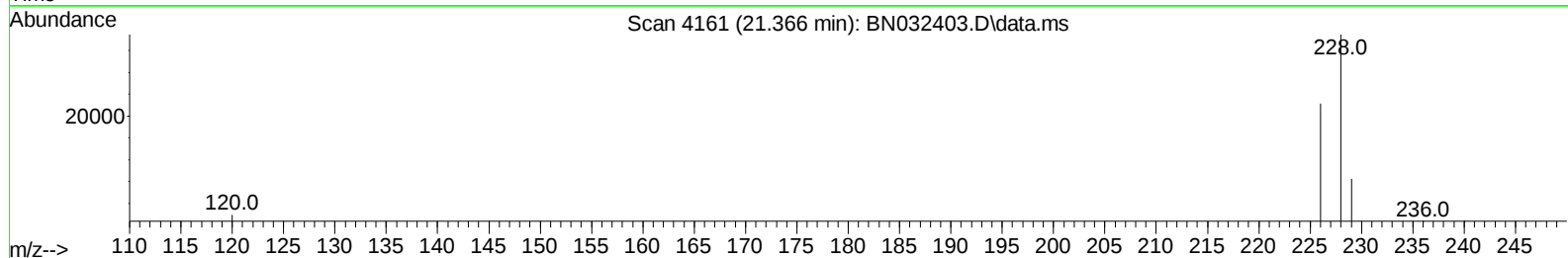
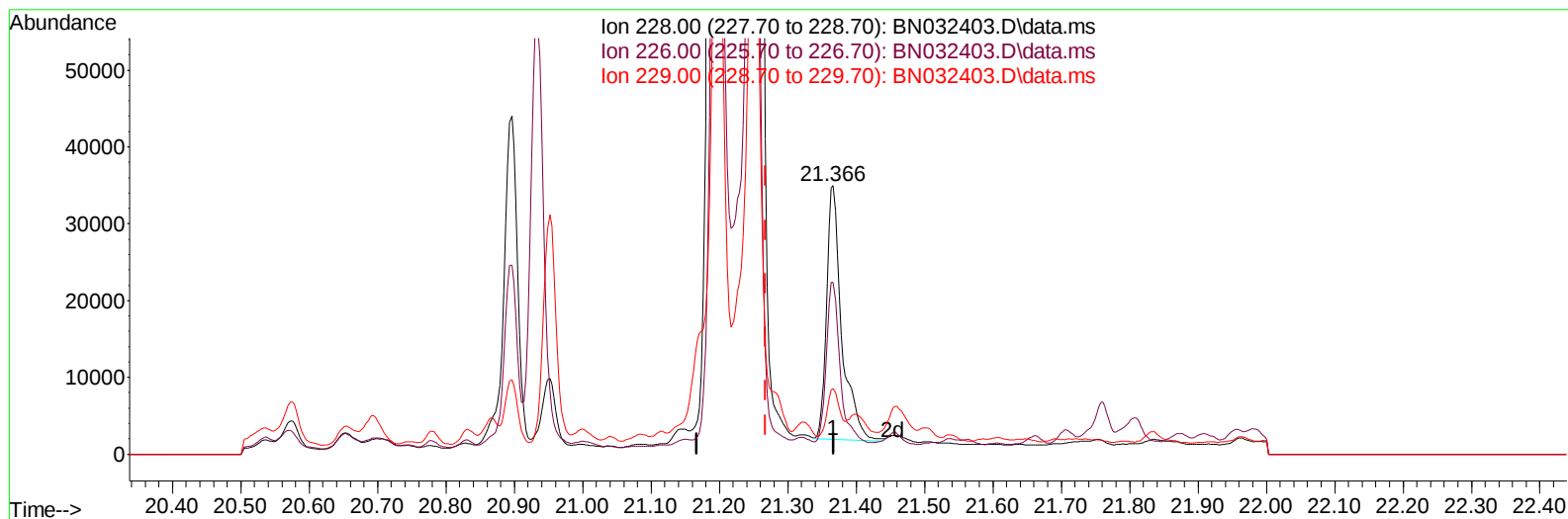
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032403.D
Acq On : 02 Jul 2024 16:35
Operator : MA/JU
Sample : P2871-06
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 18:51:03 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: BN032403.D\data.ms

(22) Chrysene

21.366min (+ 0.099) 0.80 ng/u1

response 50639

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	63.92#
229.00	19.60	24.40#
0.00	0.00	0.00

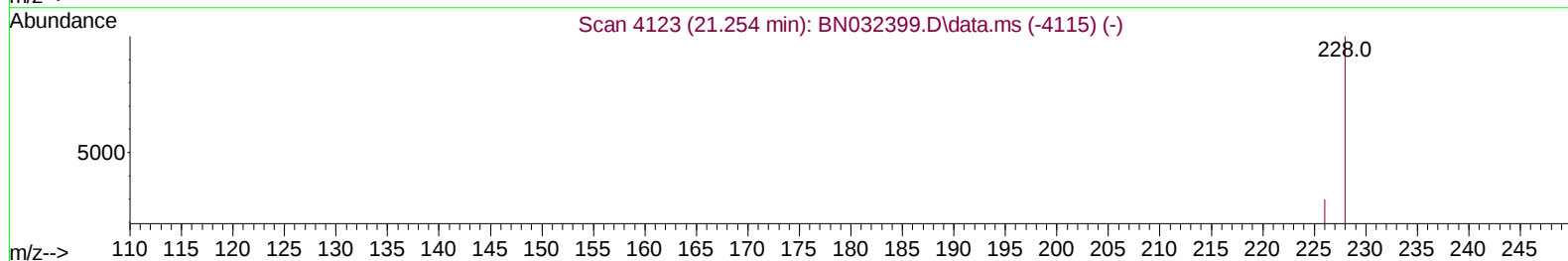
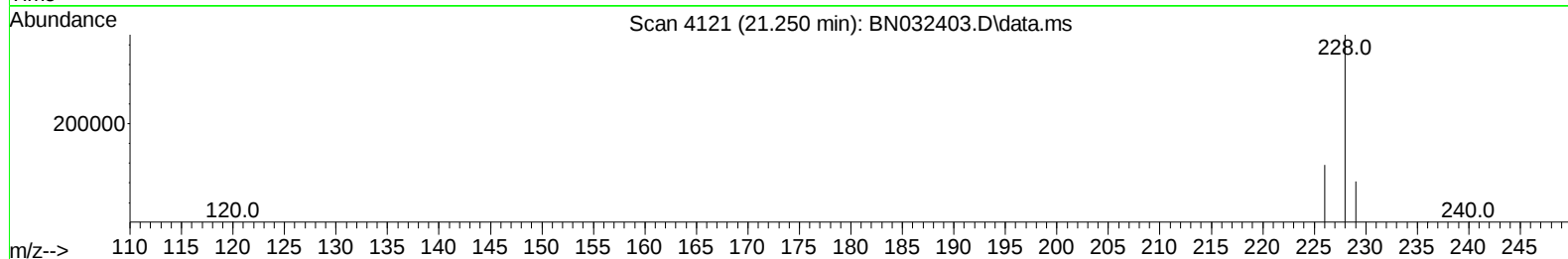
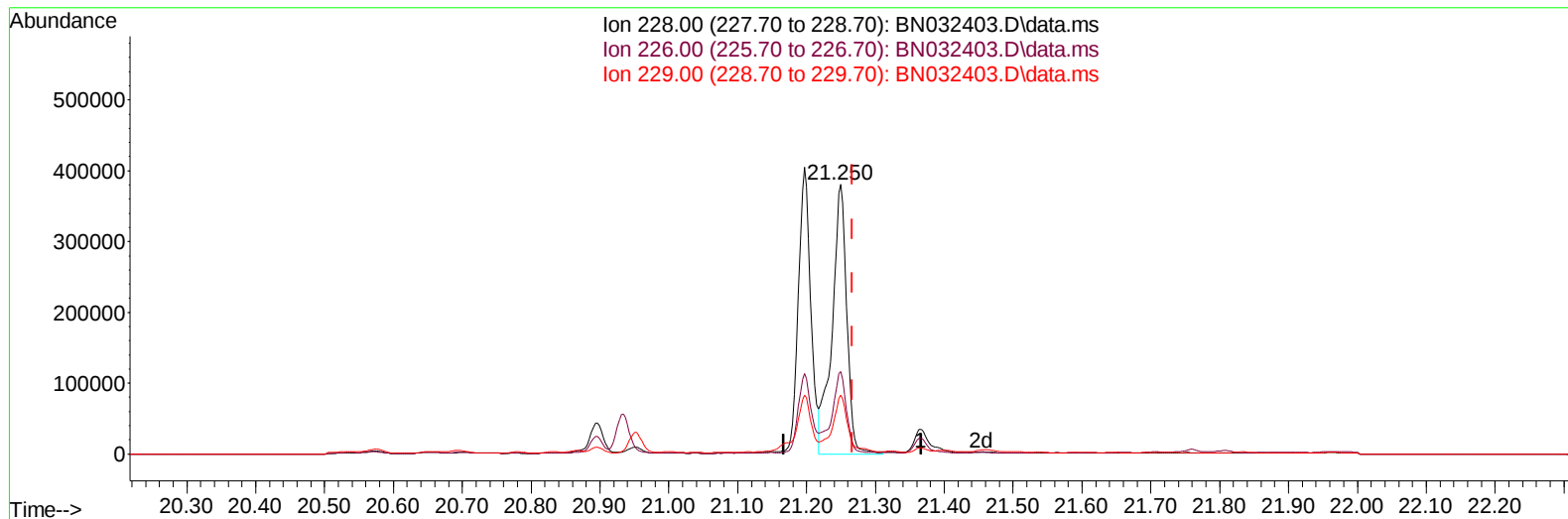
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032403.D
Acq On : 02 Jul 2024 16:35
Operator : MA/JU
Sample : P2871-06
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 18:51:03 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: BN032403.D\data.ms

(22) Chrysene

21.250min (-0.018) 9.01 ng/u1 m

response 567883

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	30.57
229.00	19.60	21.86
0.00	0.00	0.00

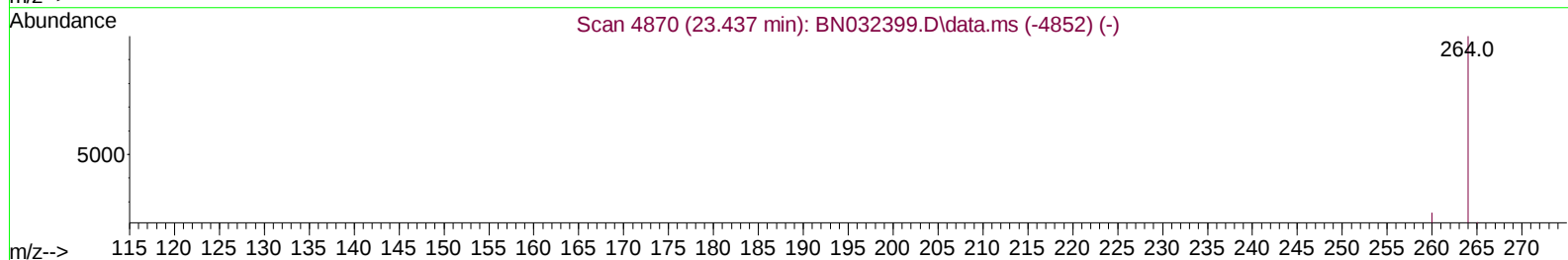
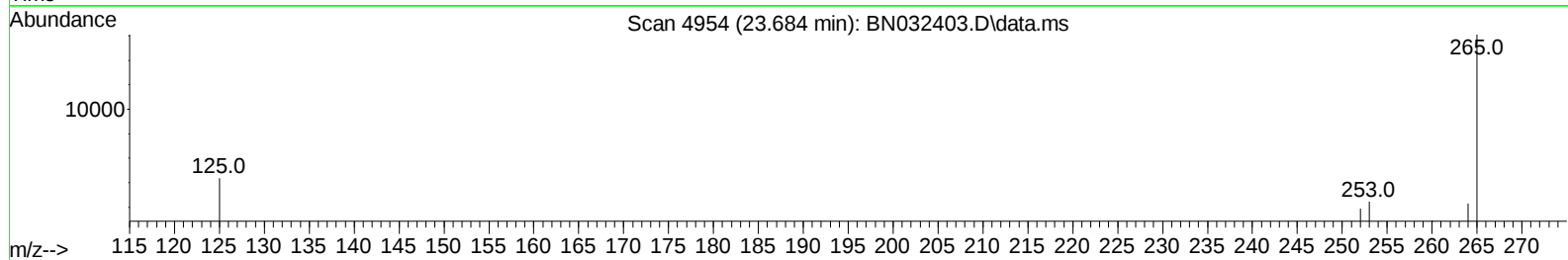
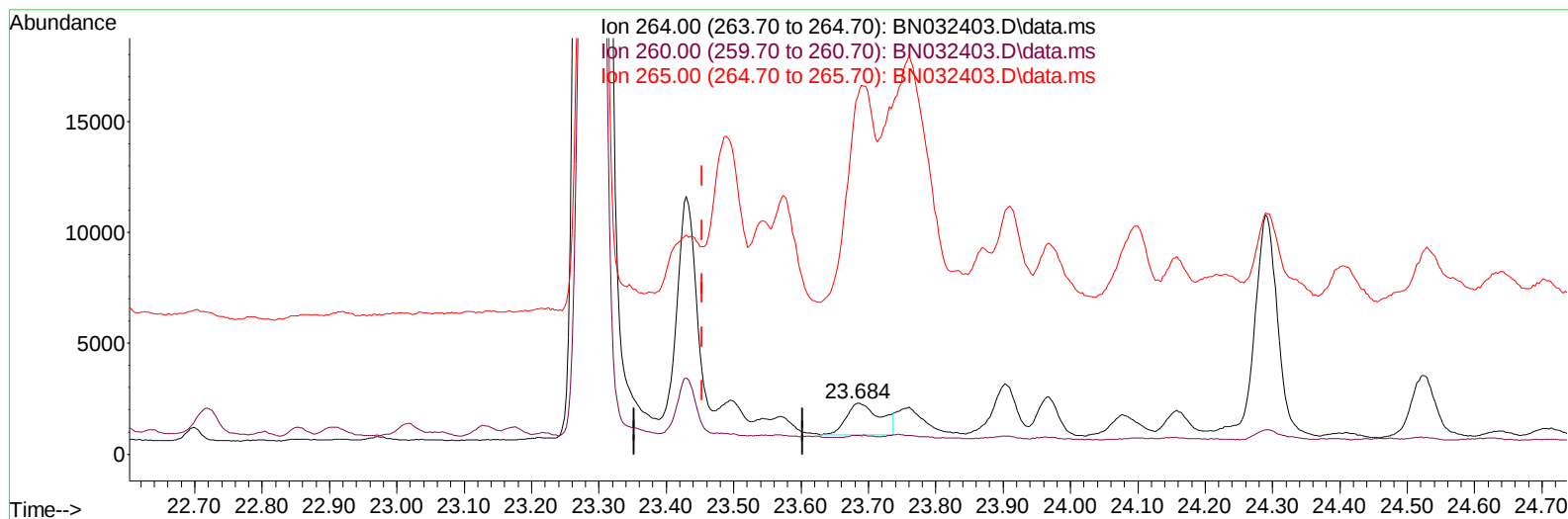
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032403.D
Acq On : 02 Jul 2024 16:35
Operator : MA/JU
Sample : P2871-06
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 18:51:03 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: BN032403.D\data.ms

(23) Perylene-d12 (I)

23.684min (+ 0.231) 0.40 ng/u1

response 4976

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	36.64#
265.00	67.20	700.04#
0.00	0.00	0.00

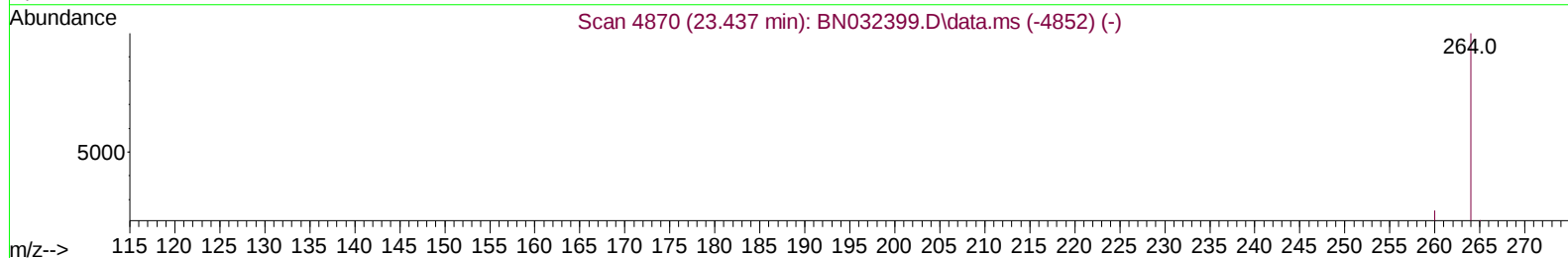
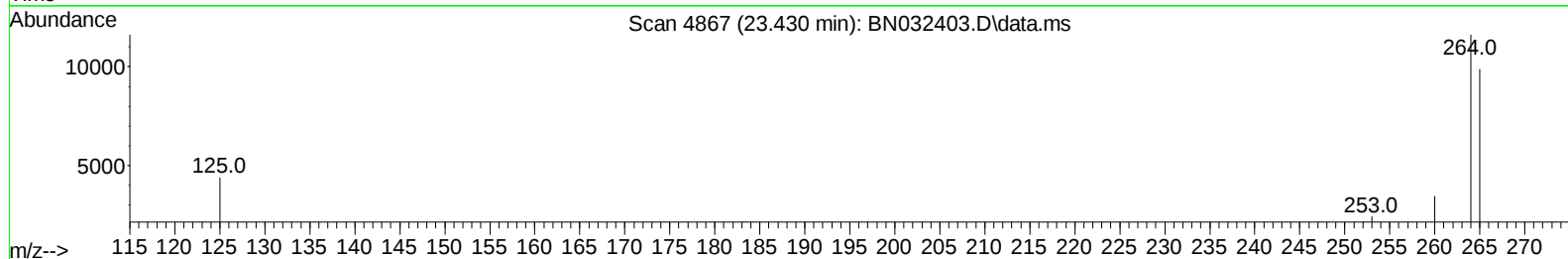
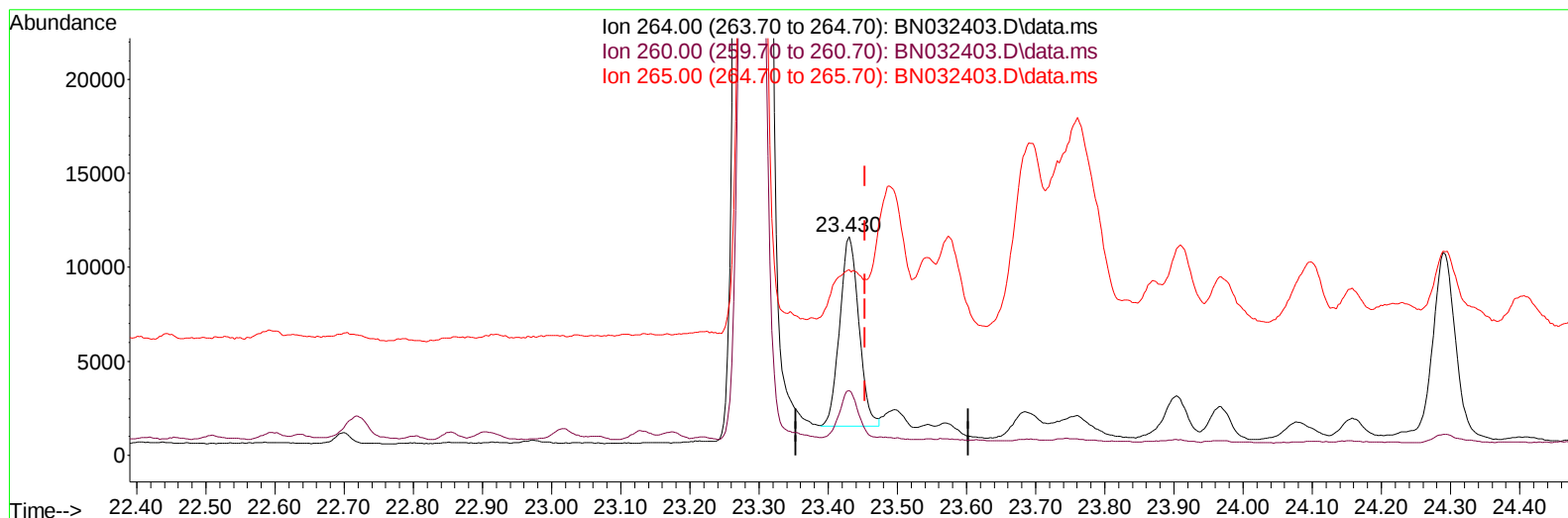
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032403.D
Acq On : 02 Jul 2024 16:35
Operator : MA/JU
Sample : P2871-06
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 18:51:03 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: BN032403.D\data.ms

(23) Perylene-d12 (I)

23.430min (-0.023) 0.40 ng/u1 m

response 19512

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	29.61
265.00	67.20	85.03#
0.00	0.00	0.00

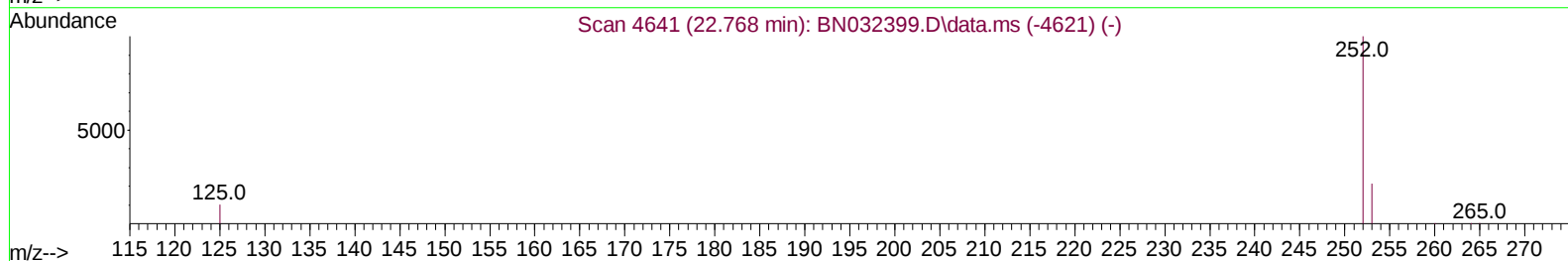
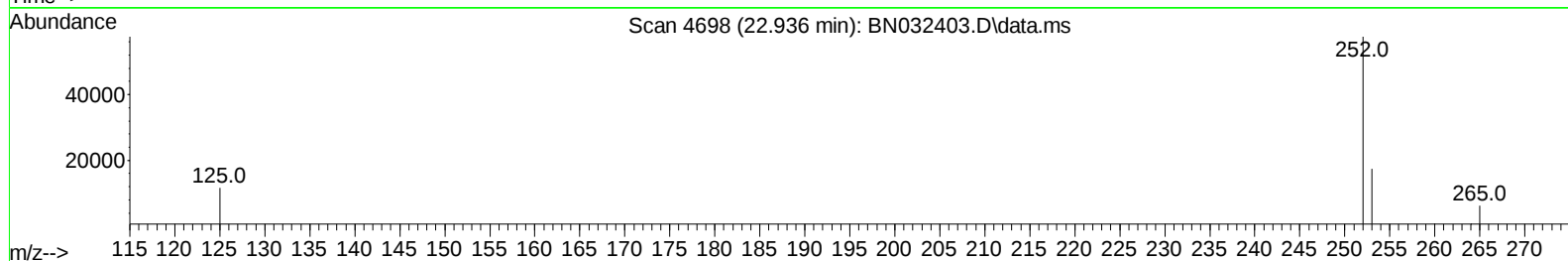
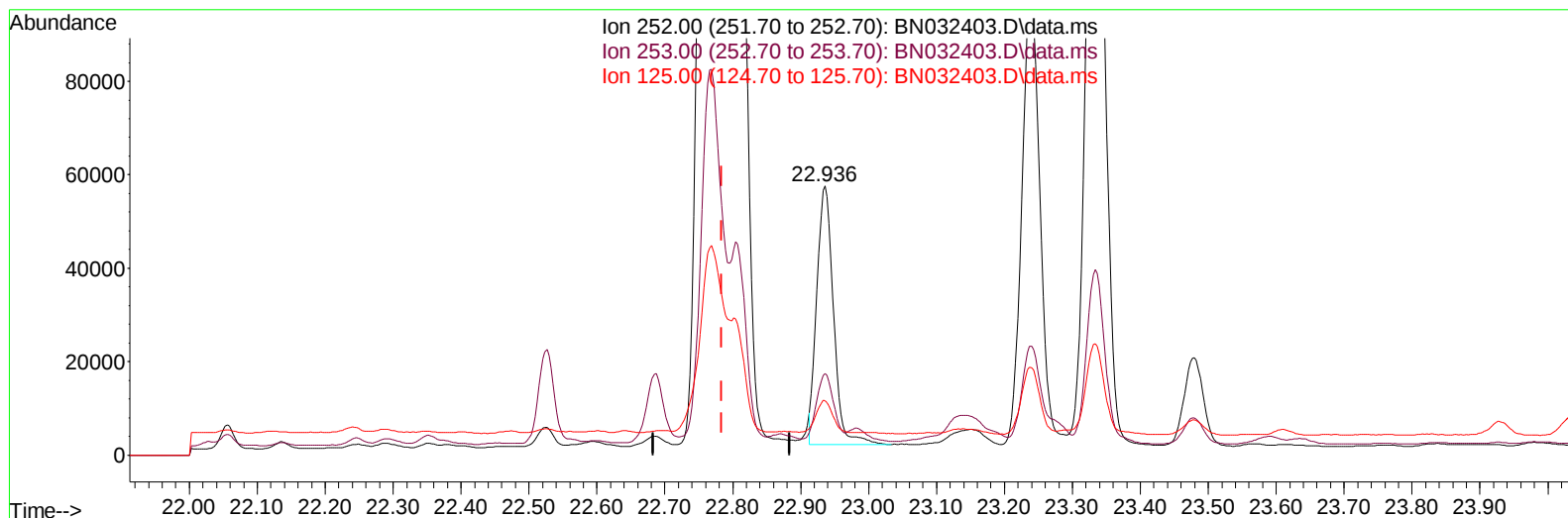
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032403.D
Acq On : 02 Jul 2024 16:35
Operator : MA/JU
Sample : P2871-06
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 18:51:03 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: BN032403.D\data.ms

(24) Benzo(b)fluoranthene

22.936min (+ 0.152) 1.11 ng/u1

response 94188

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	30.28
125.00	16.00	20.26
0.00	0.00	0.00

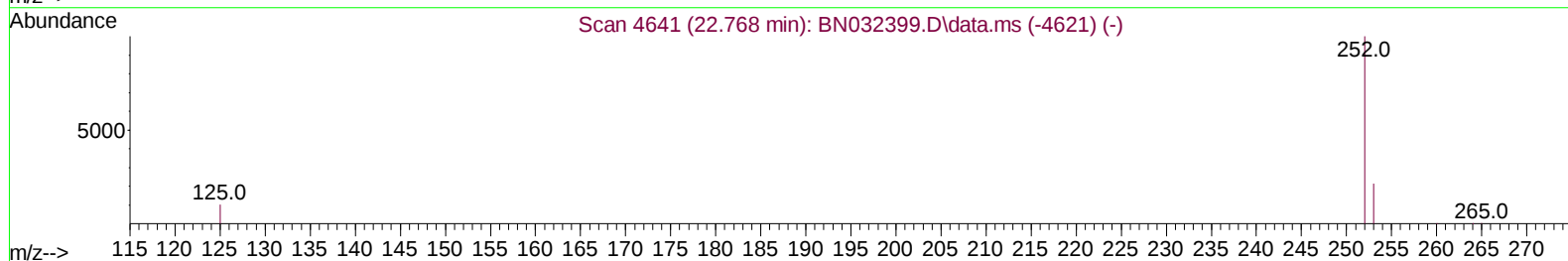
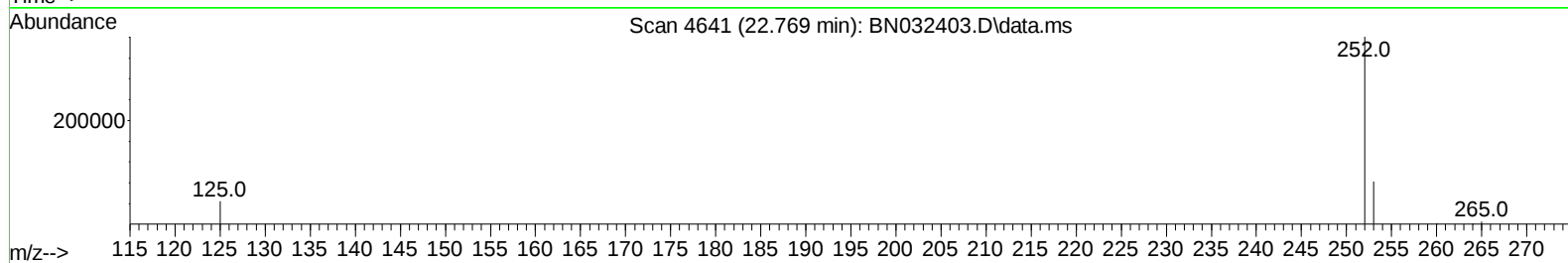
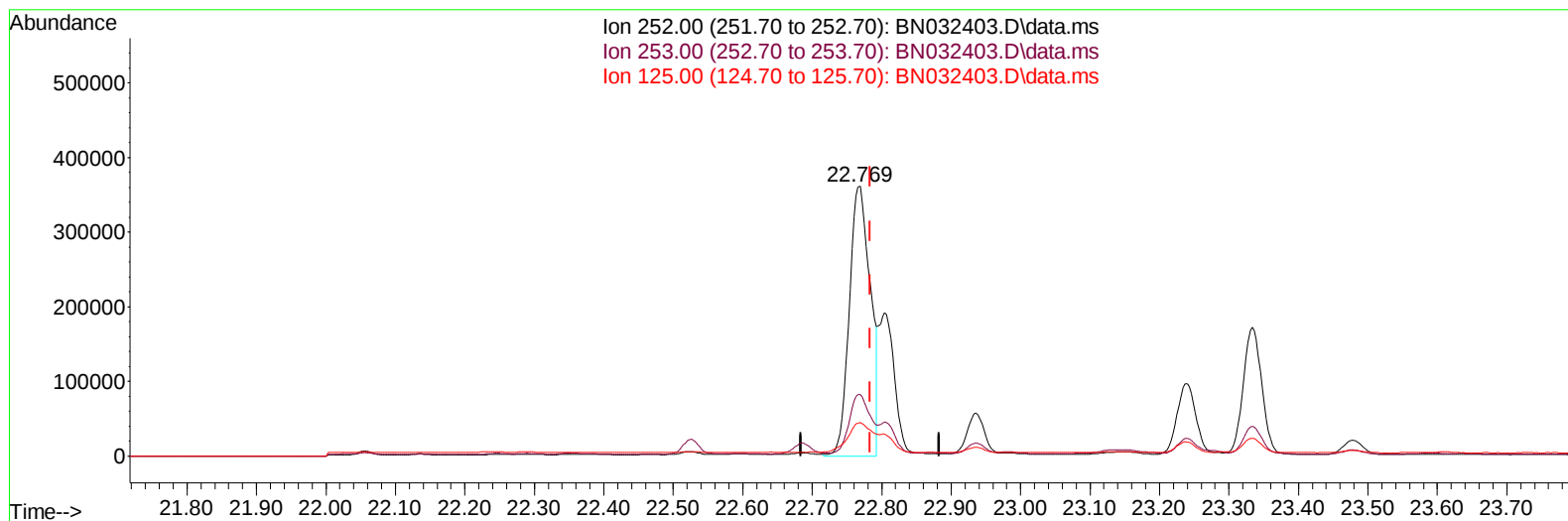
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032403.D
 Acq On : 02 Jul 2024 16:35
 Operator : MA/JU
 Sample : P2871-06
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 18:51:03 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: BN032403.D\data.ms

(24) Benzo(b)fluoranthene

22.769min (-0.015) 9.03 ng/u1 m

response 765403

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	22.88
125.00	16.00	12.42
0.00	0.00	0.00

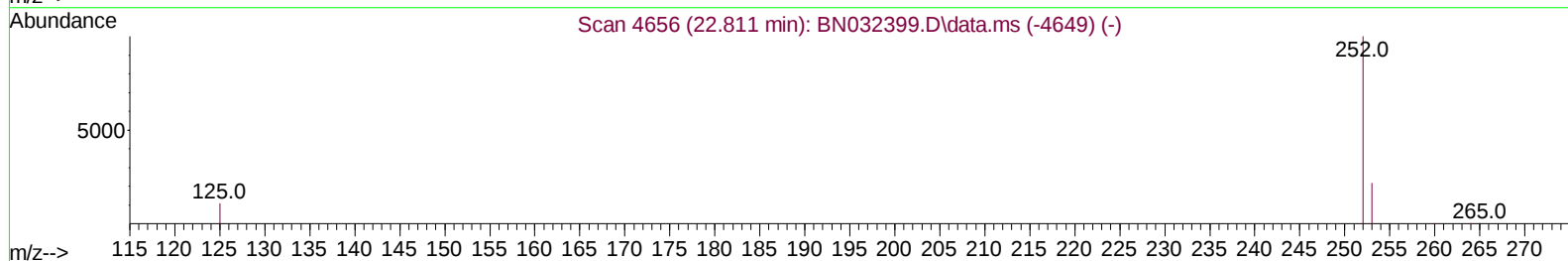
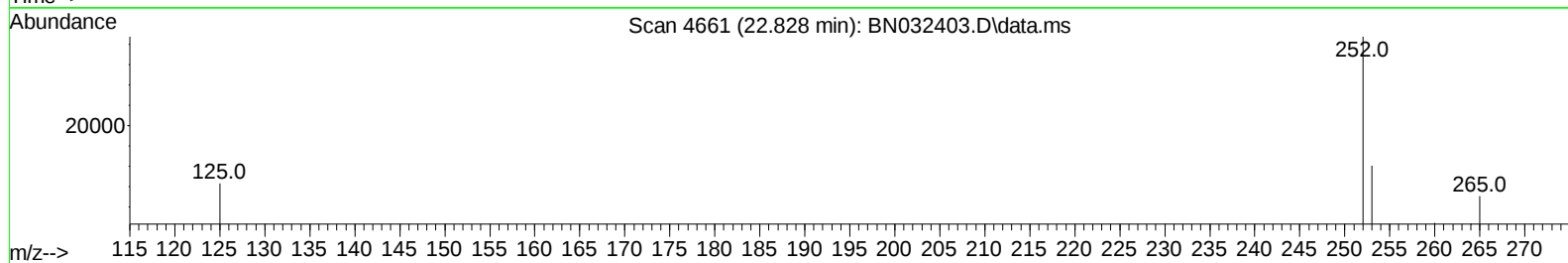
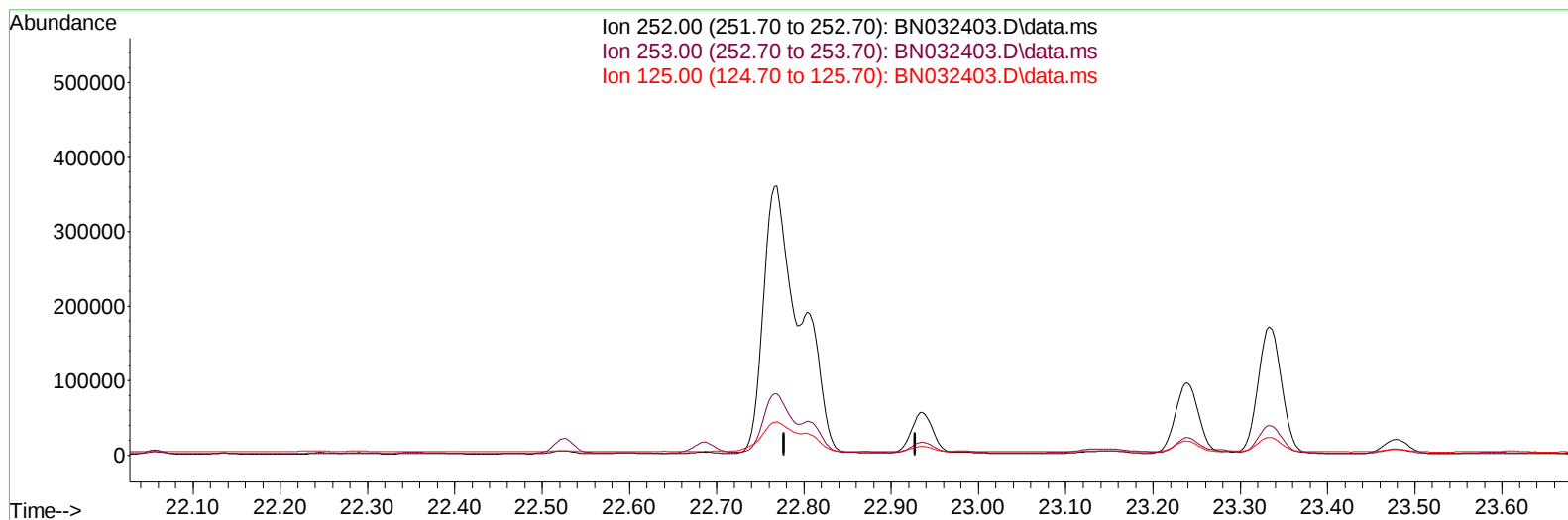
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032403.D
Acq On : 02 Jul 2024 16:35
Operator : MA/JU
Sample : P2871-06
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 18:51:03 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: BN032403.D\data.ms

(25) Benzo(k)fluoranthene

22.828min (-22.828) 0.00 ng/u1

response 0

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

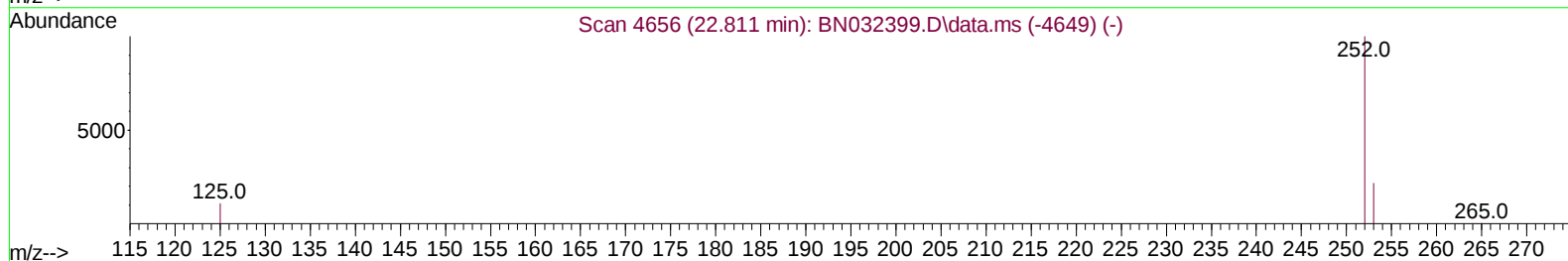
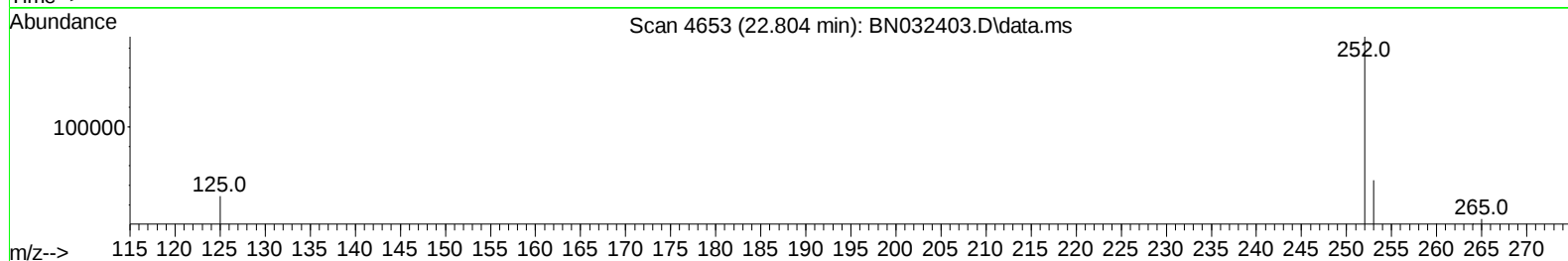
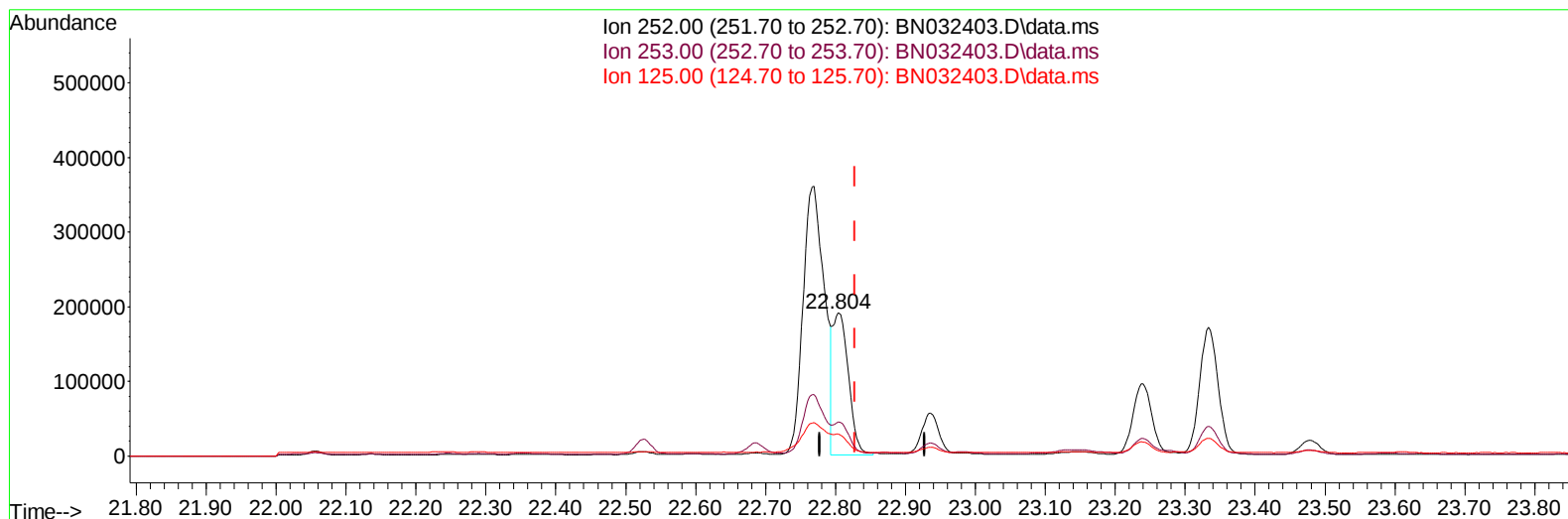
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032403.D
Acq On : 02 Jul 2024 16:35
Operator : MA/JU
Sample : P2871-06
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 18:51:03 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: BN032403.D\data.ms

(25) Benzo(k)fluoranthene

22.804min (-0.023) 3.66 ng/u1 m

response 301100

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	23.82
125.00	16.00	15.16
0.00	0.00	0.00

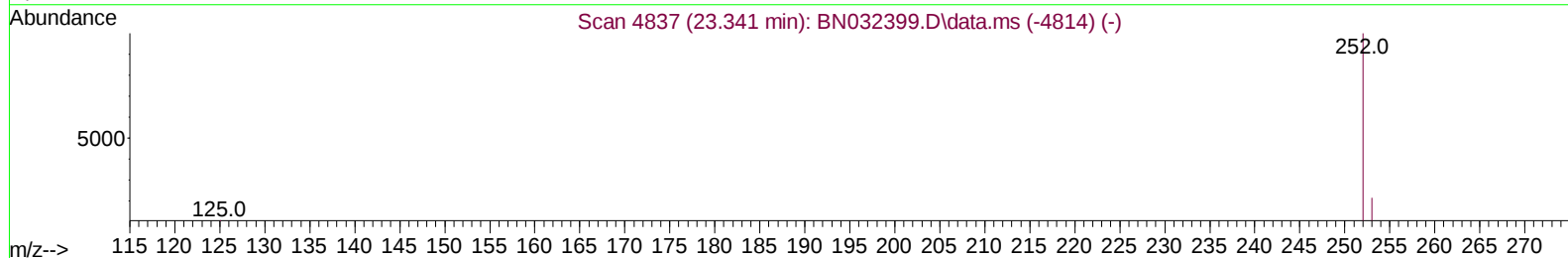
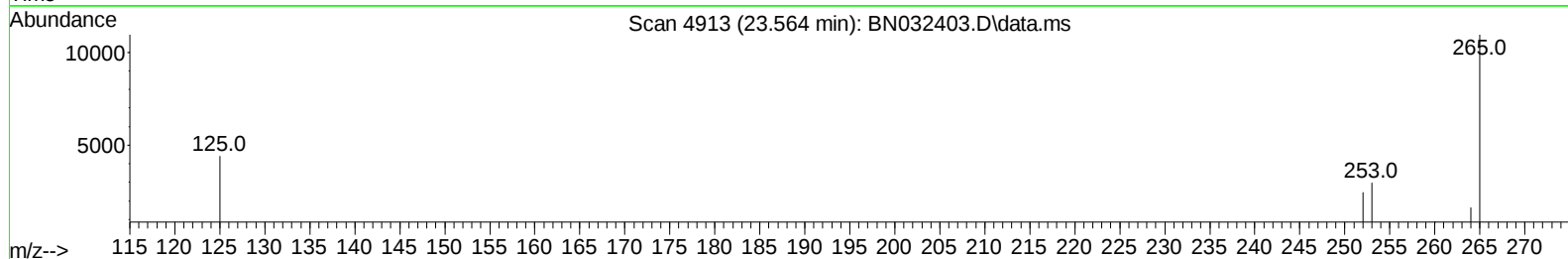
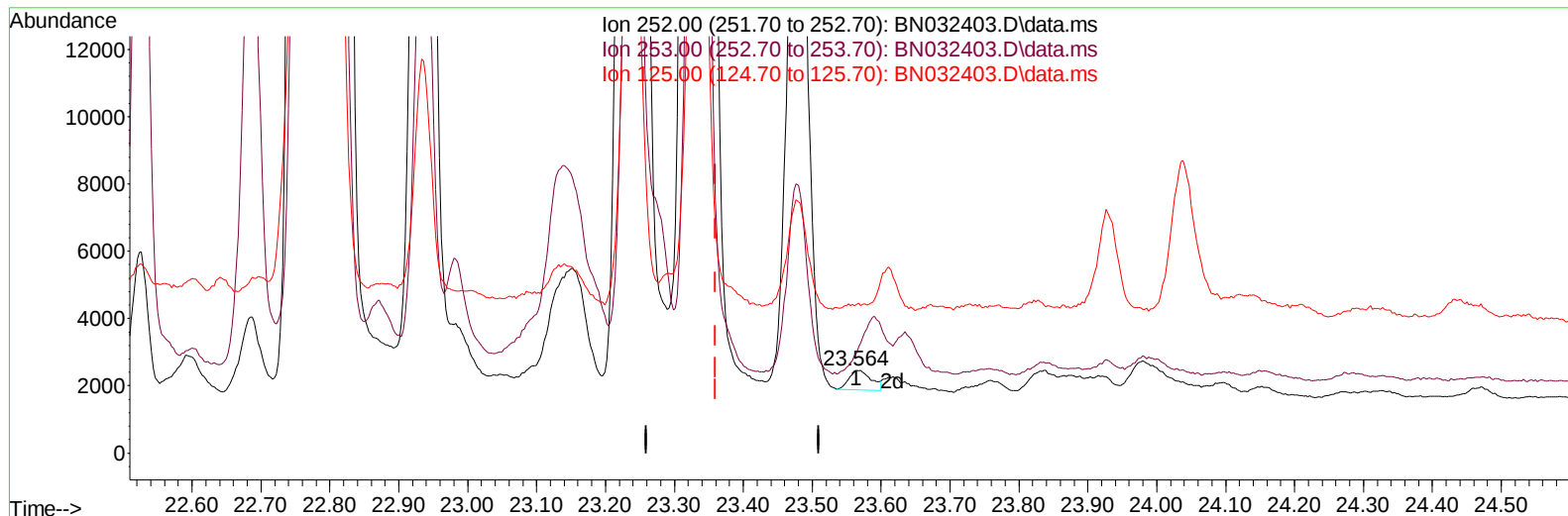
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032403.D
Acq On : 02 Jul 2024 16:35
Operator : MA/JU
Sample : P2871-06
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 18:51:03 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: BN032403.D\data.ms

(26) Benzo(a)pyrene (C)

23.564min (+ 0.205) 0.02 ng/u1

response 1311

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	121.90#
125.00	20.50	180.18#
0.00	0.00	0.00

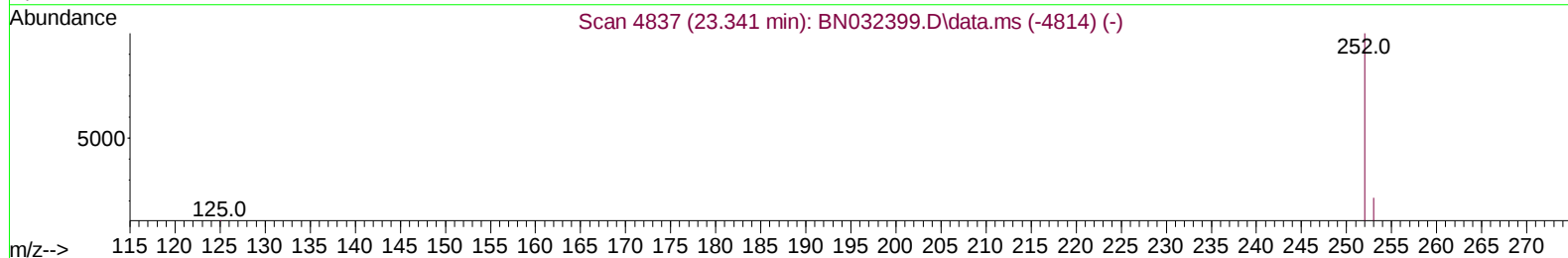
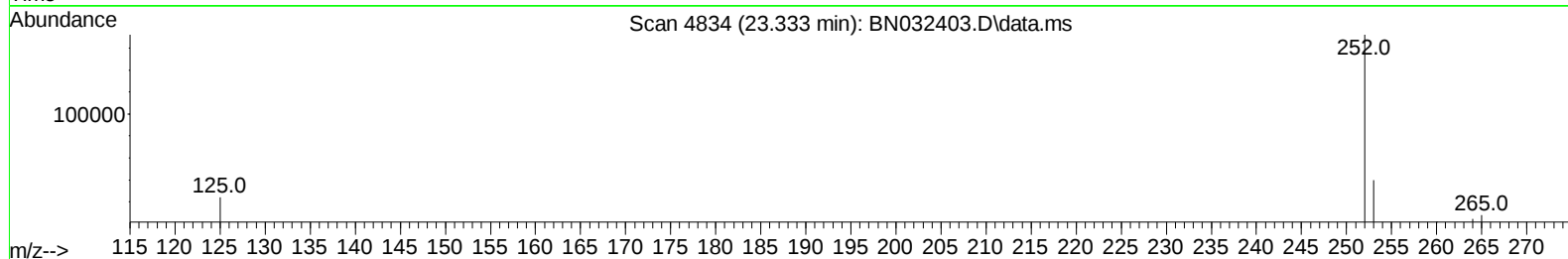
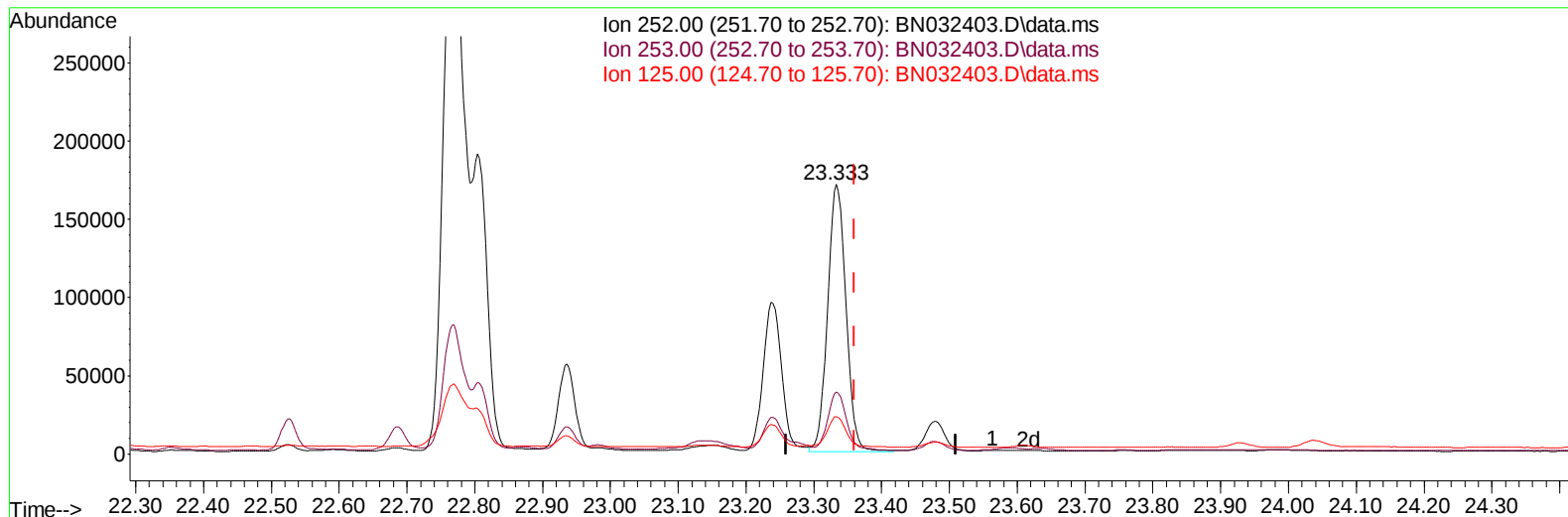
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032403.D
Acq On : 02 Jul 2024 16:35
Operator : MA/JU
Sample : P2871-06
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 18:51:03 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: BN032403.D\data.ms

(26) Benzo(a)pyrene (C)

23.333min (-0.026) 5.42 ng/u1 m

response 319867

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	23.08
125.00	20.50	13.84#
0.00	0.00	0.00

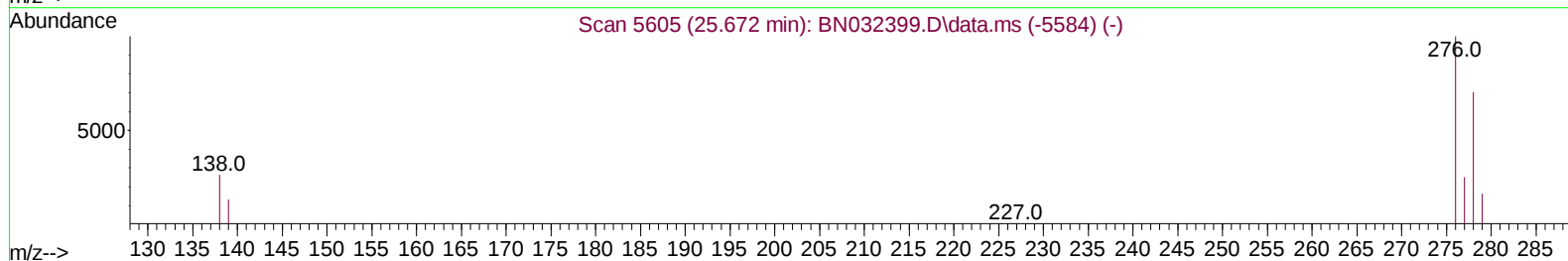
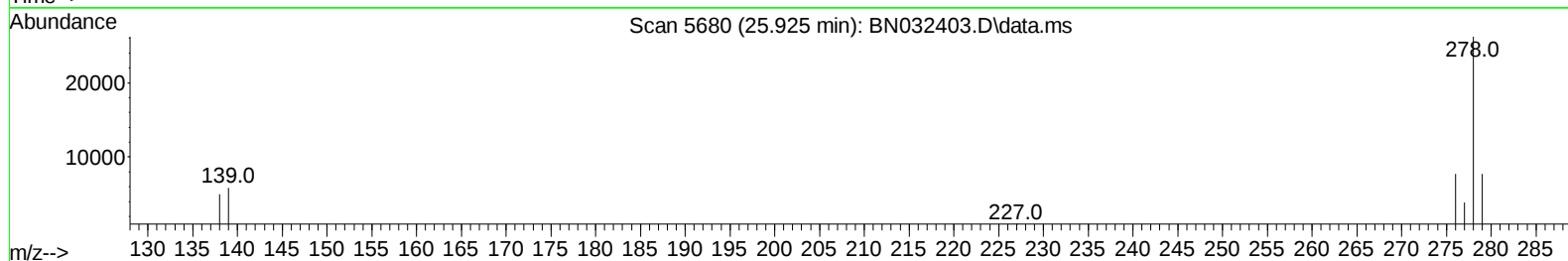
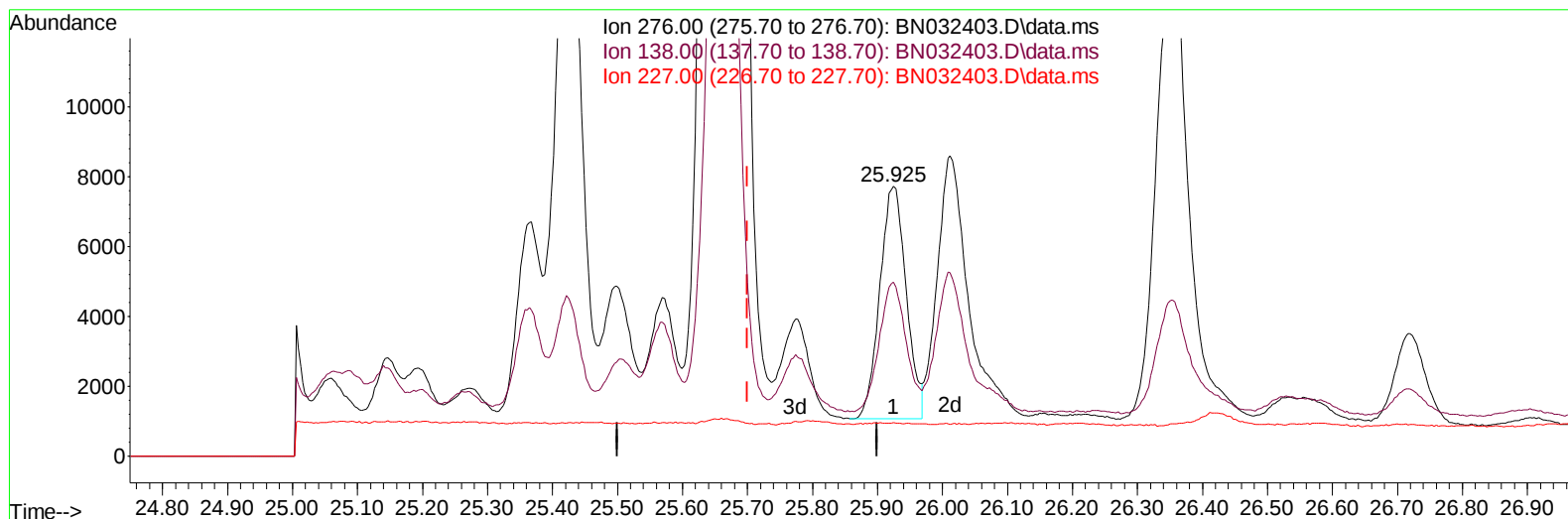
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032403.D
Acq On : 02 Jul 2024 16:35
Operator : MA/JU
Sample : P2871-06
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 18:51:03 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: BN032403.D\data.ms

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

25.925min (+ 0.225) 0.20 ng/u1

response 18846

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	56.64#
227.00	0.10	0.46#
0.00	0.00	0.00

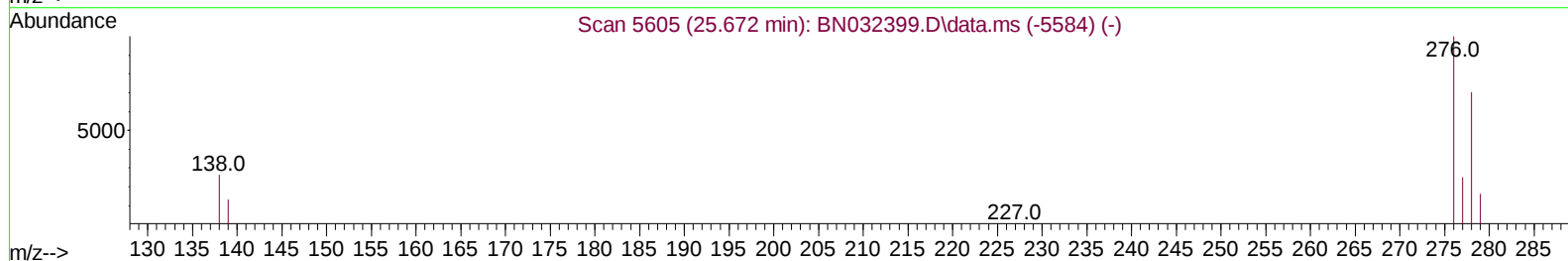
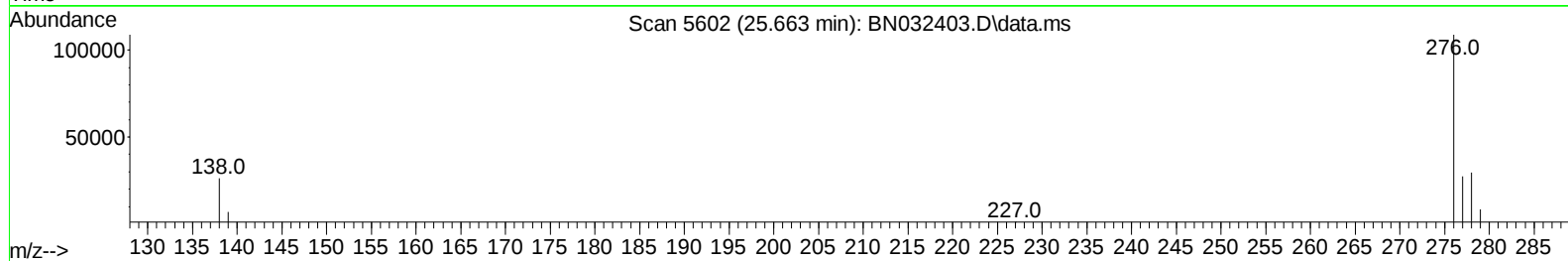
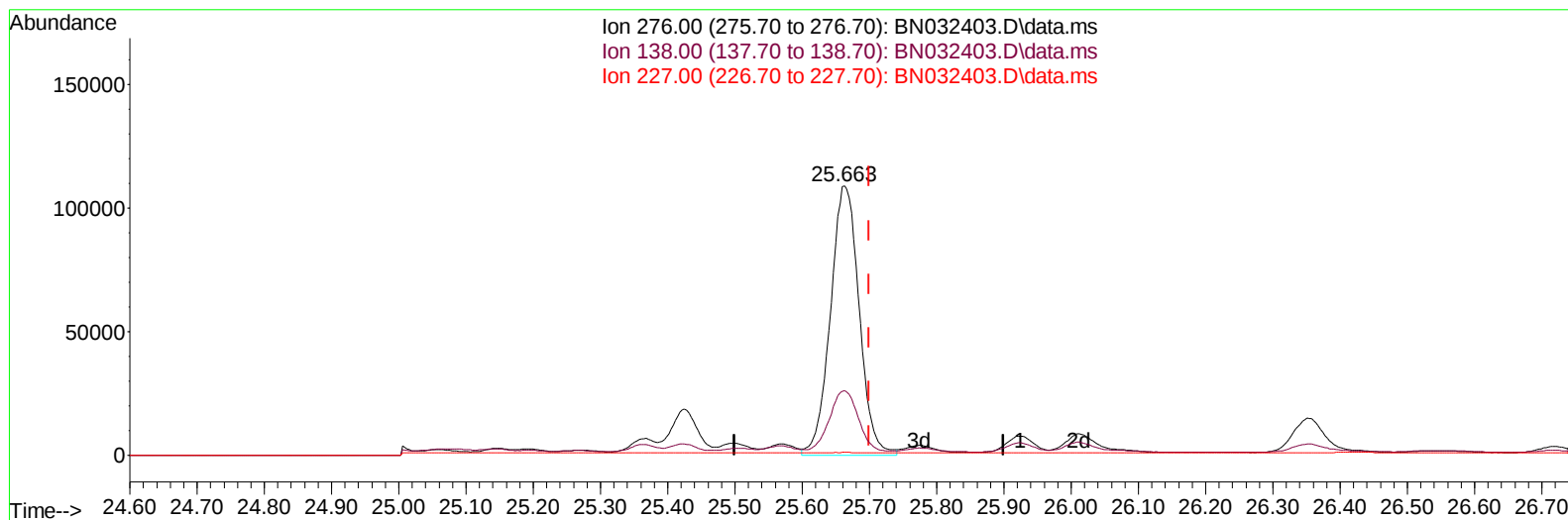
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032403.D
Acq On : 02 Jul 2024 16:35
Operator : MA/JU
Sample : P2871-06
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C54

Manual IntegrationsAPPROVED

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

Quant Time: Jul 02 18:51:03 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: BN032403.D\data.ms

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

25.663min (-0.037) 3.50 ng/u1 m

response 323582

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	3.30#
227.00	0.10	0.03#
0.00	0.00	0.00

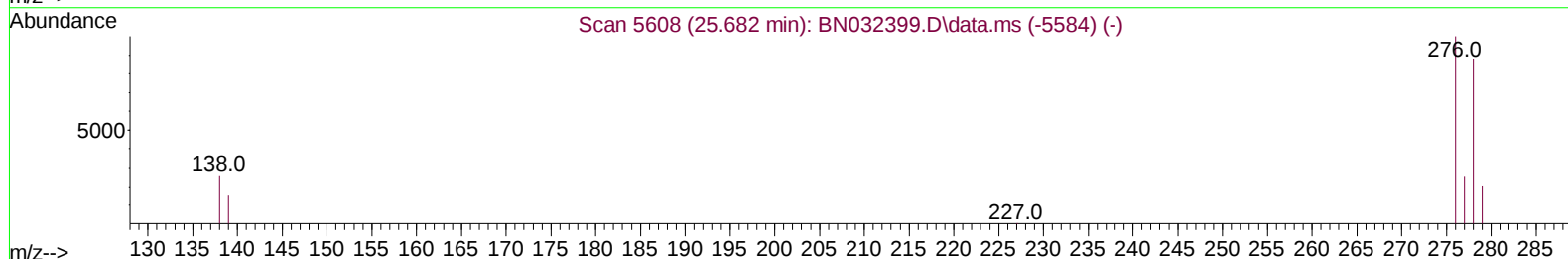
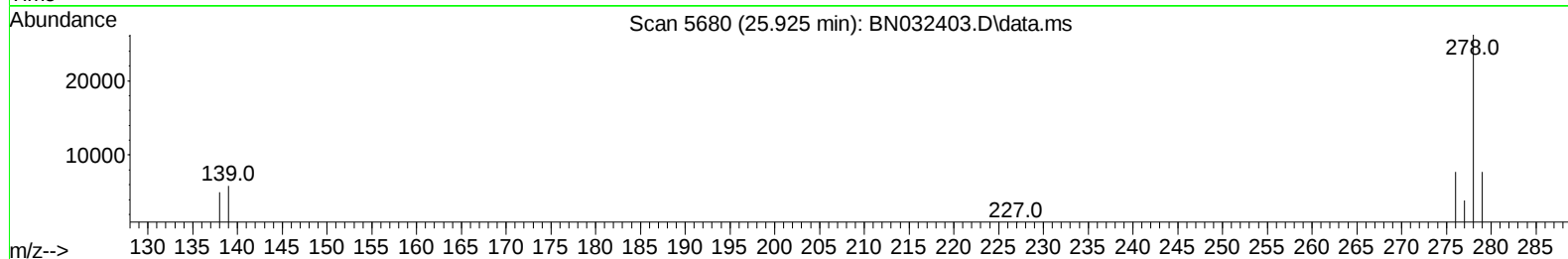
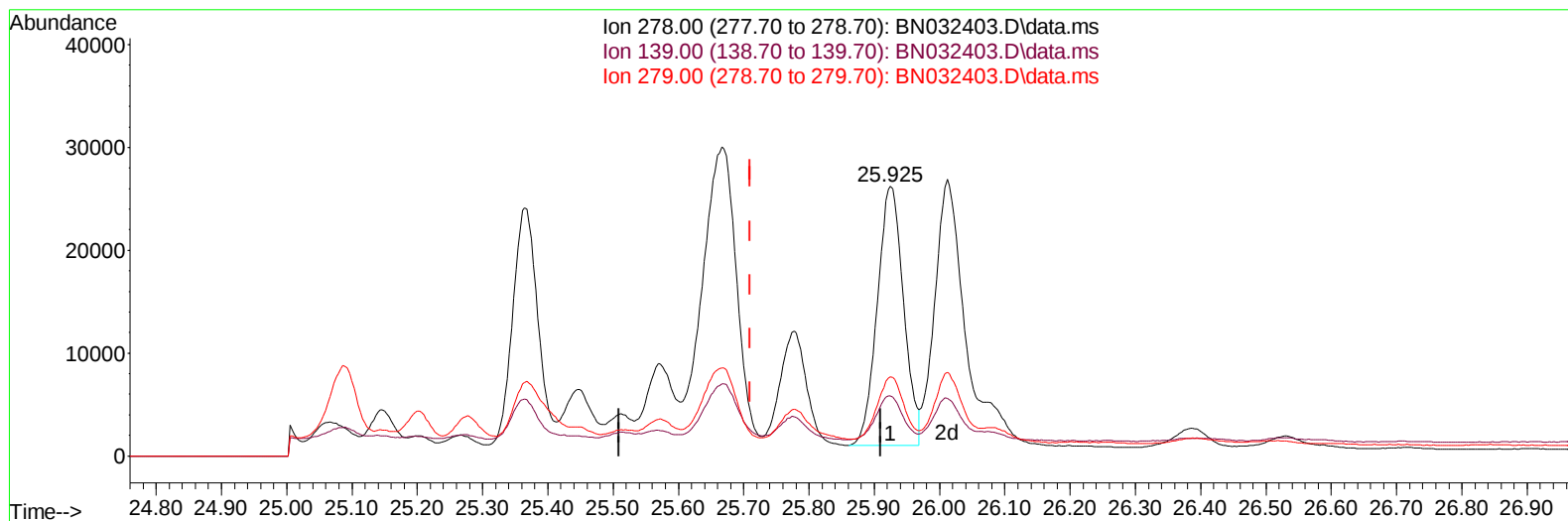
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032403.D
Acq On : 02 Jul 2024 16:35
Operator : MA/JU
Sample : P2871-06
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 18:51:03 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: BN032403.D\data.ms

(28) Dibenzo(a,h)anthracene

25.925min (+ 0.215) 1.03 ng/u1

response 70482

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	22.41
279.00	26.40	29.40
0.00	0.00	0.00

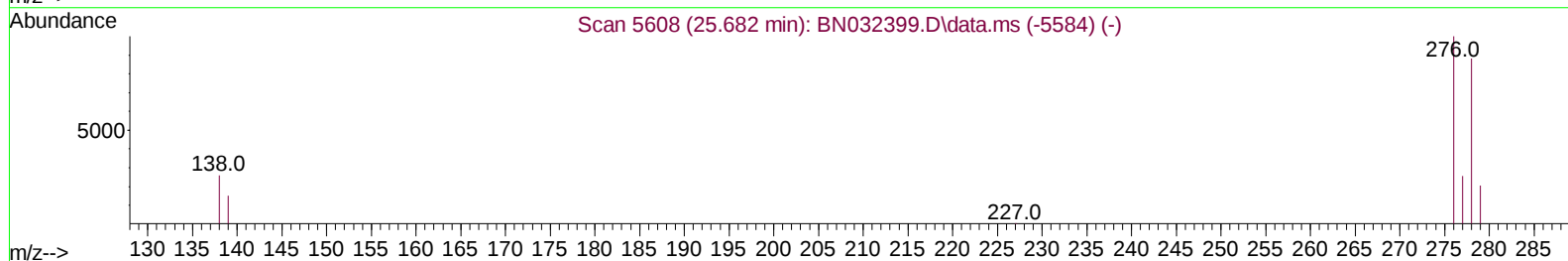
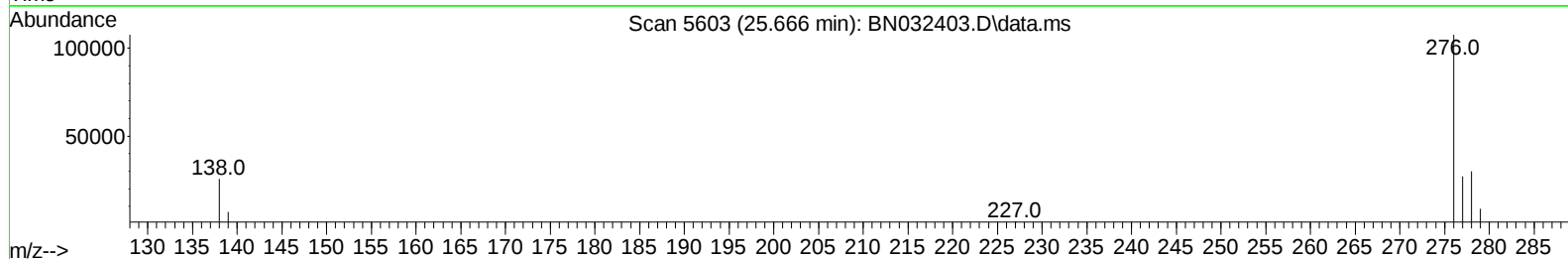
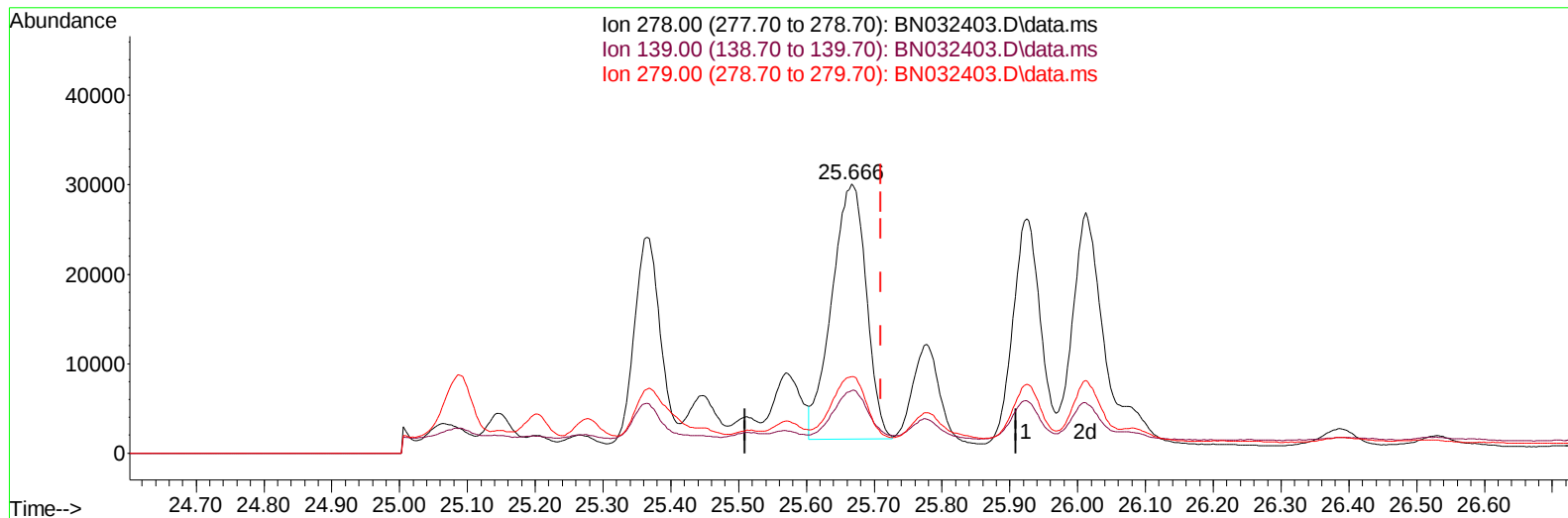
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032403.D
Acq On : 02 Jul 2024 16:35
Operator : MA/JU
Sample : P2871-06
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 18:51:03 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: BN032403.D\data.ms

(28) Dibenzo(a,h)anthracene

25.666min (-0.044) 1.47 ng/ul m

response 101180

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	23.31
279.00	26.40	28.54
0.00	0.00	0.00

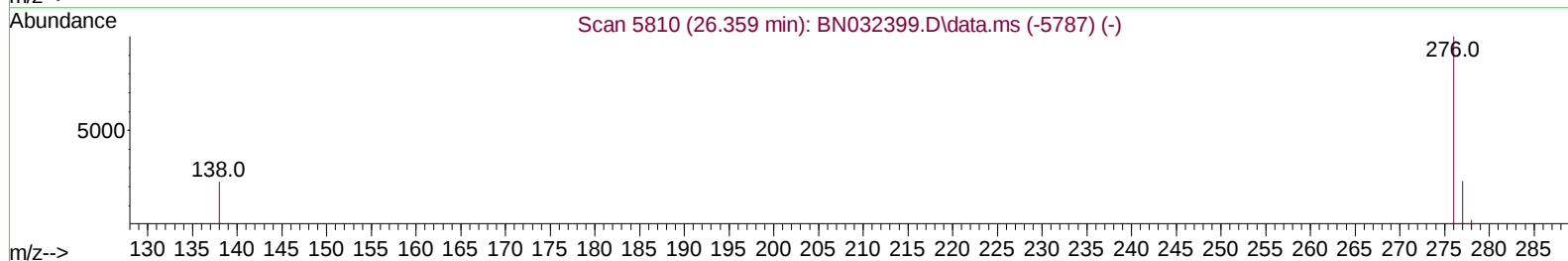
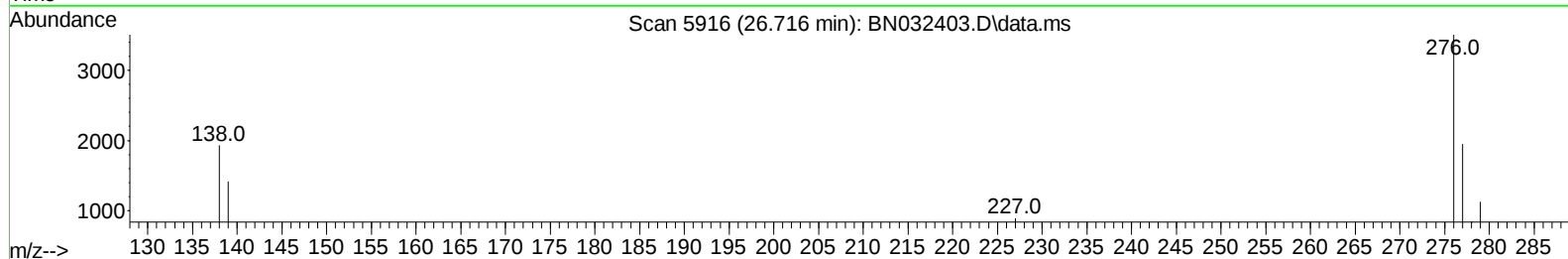
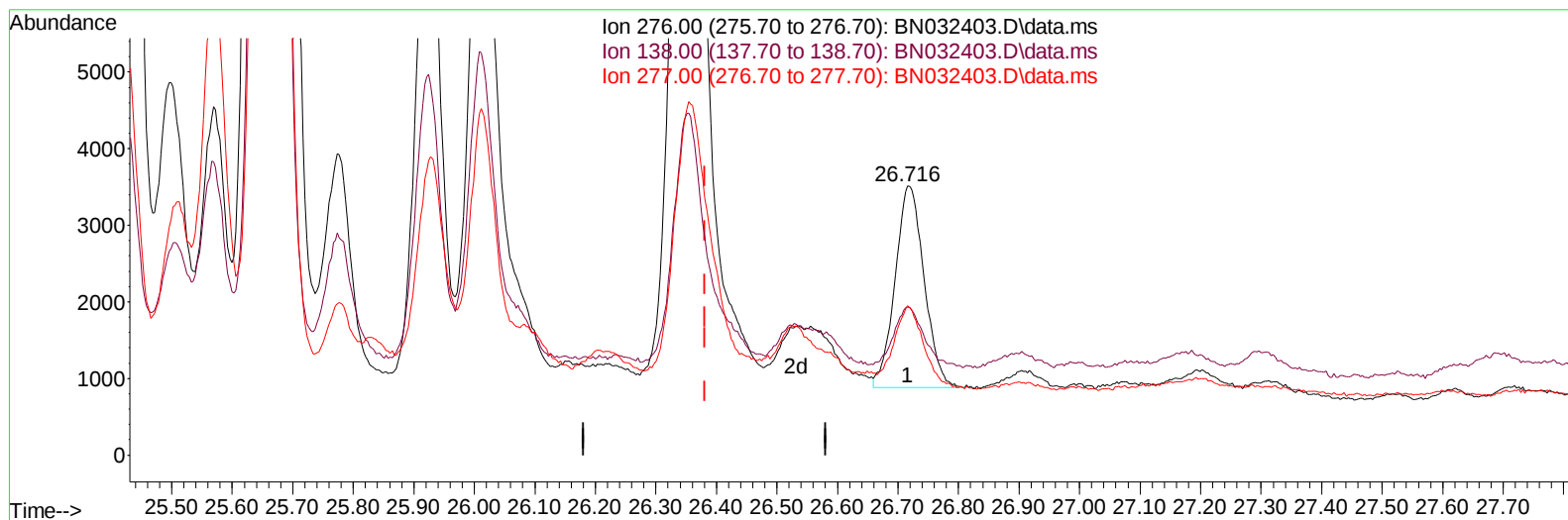
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032403.D
Acq On : 02 Jul 2024 16:35
Operator : MA/JU
Sample : P2871-06
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 18:51:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032403.D\data.ms

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

26.716min (+ 0.335) 0.12 ng/u1

response 8767

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	55.04#
277.00	24.70	55.53#
0.00	0.00	0.00

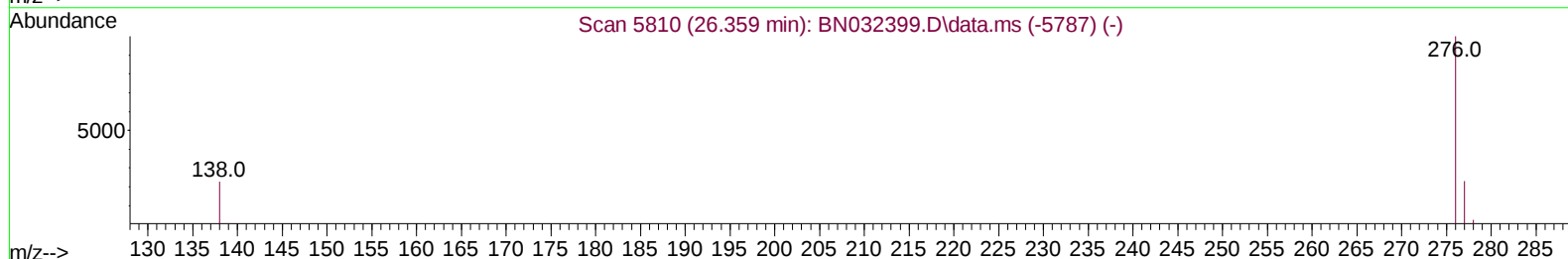
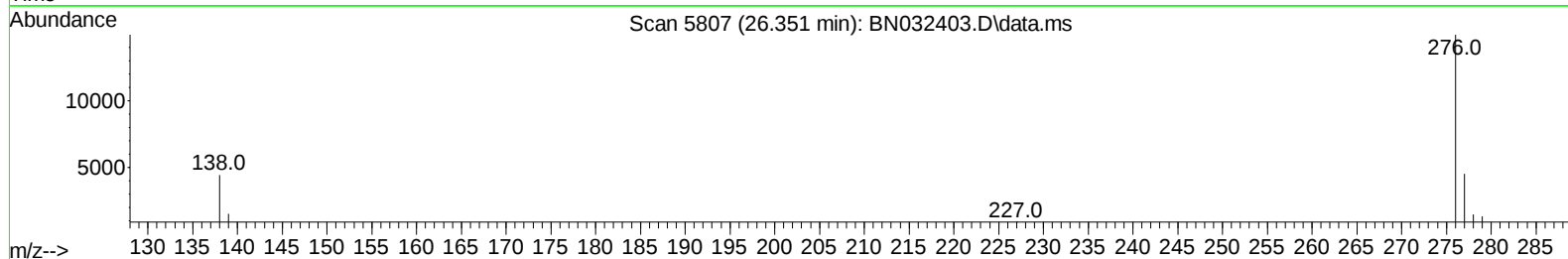
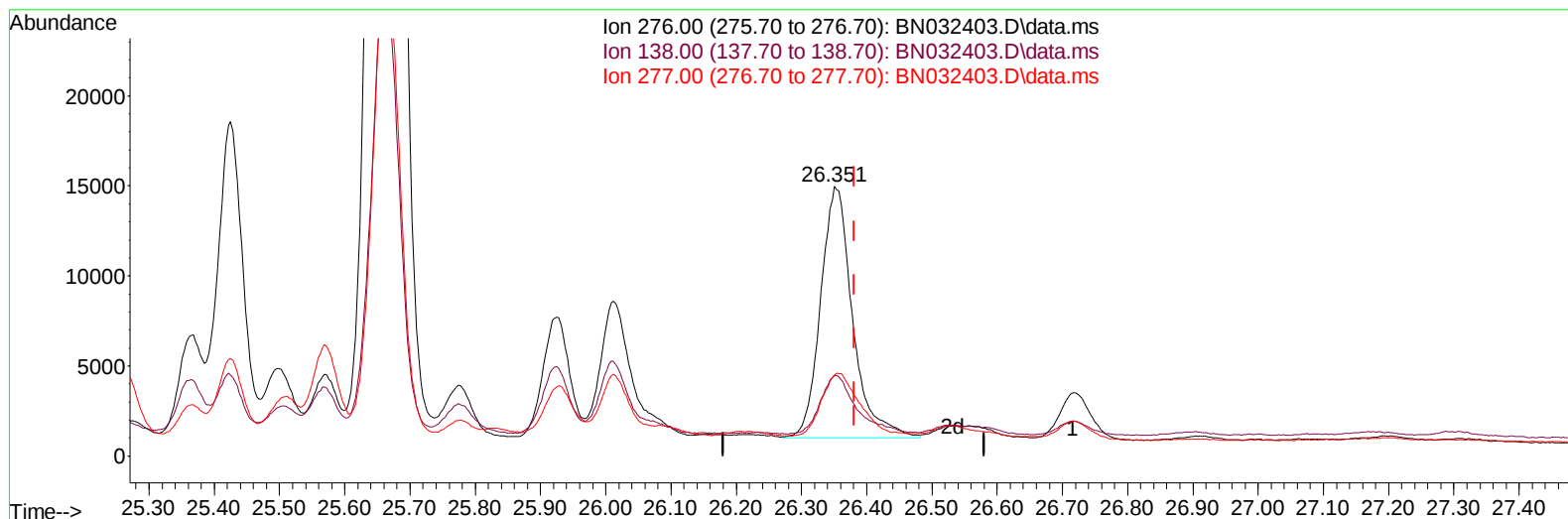
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032403.D
Acq On : 02 Jul 2024 16:35
Operator : MA/JU
Sample : P2871-06
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 18:51:03 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: BN032403.D\data.ms

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

26.351min (-0.030) 0.64 ng/ul m

response 47346

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	29.75#
277.00	24.70	30.18#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032403.D
 Acq On : 02 Jul 2024 16:35
 Operator : MA/JU
 Sample : P2871-06
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C54

Manual IntegrationsAPPROVED

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

Quant Time: Jul 02 18:51:03 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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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	8004	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.382	136	25316	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.253	164	14514	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.008	188	26361m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.214	240	15904m	0.400	ng/ul	-0.01
23) Perylene-d12	23.430	264	19512m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	29471	3.313	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	9176	0.242	ng/ul	-0.02
18) Fluoranthene-d10	19.041	212	14456m	0.302	ng/ul	-0.02
Target Compounds						
						Qvalue
5) Naphthalene	10.431	128	34219	0.511	ng/ul	100
7) 2-Methylnaphthalene	12.054	142	12028	0.271	ng/ul	99
8) 1-Methylnaphthalene	12.274	142	8967	0.195	ng/ul	99
10) Acenaphthylene	13.971	152	31286	0.518	ng/ul	98
11) Acenaphthene	14.313	153	33371	0.712	ng/ul	98
12) Fluorene	15.308	166	41147	0.737	ng/ul	99
14) Pentachlorophenol	16.674	266	220m	0.037	ng/ul	
15) Phenanthrene	17.050	178	697922m	9.657	ng/ul	
16) Anthracene	17.139	178	145605m	2.259	ng/ul	
19) Fluoranthene	19.073	202	1206567m	19.923	ng/ul	
20) Pyrene	19.440	202	858409m	13.563	ng/ul	
21) Benzo(a)anthracene	21.197	228	510574m	8.895	ng/ul	
22) Chrysene	21.250	228	567883m	9.014	ng/ul	
24) Benzo(b)fluoranthene	22.769	252	765403m	9.029	ng/ul	
25) Benzo(k)fluoranthene	22.804	252	301100m	3.656	ng/ul	
26) Benzo(a)pyrene	23.333	252	319867m	5.423	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.663	276	323582m	3.504	ng/ul	
28) Dibenzo(a,h)anthracene	25.666	278	101180m	1.475	ng/ul	
29) Benzo(g,h,i)perylene	26.351	276	47346m	0.644	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032403.D
Acq On : 02 Jul 2024 16:35
Operator : MA/JU
Sample : P2871-06
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C54

Manual IntegrationsAPPROVED

Quant Time: Jul 02 18:51:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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