

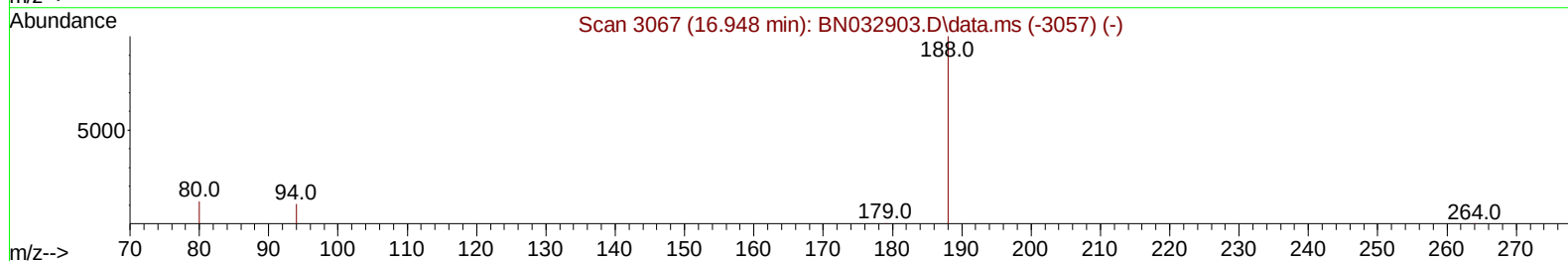
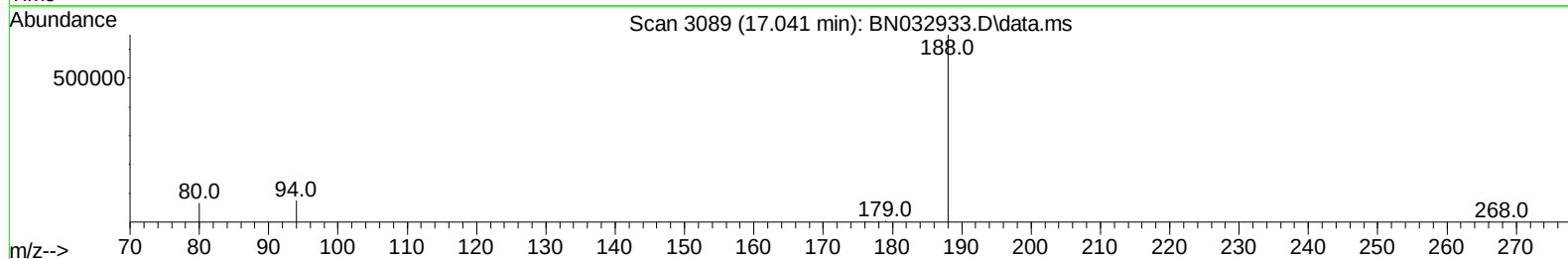
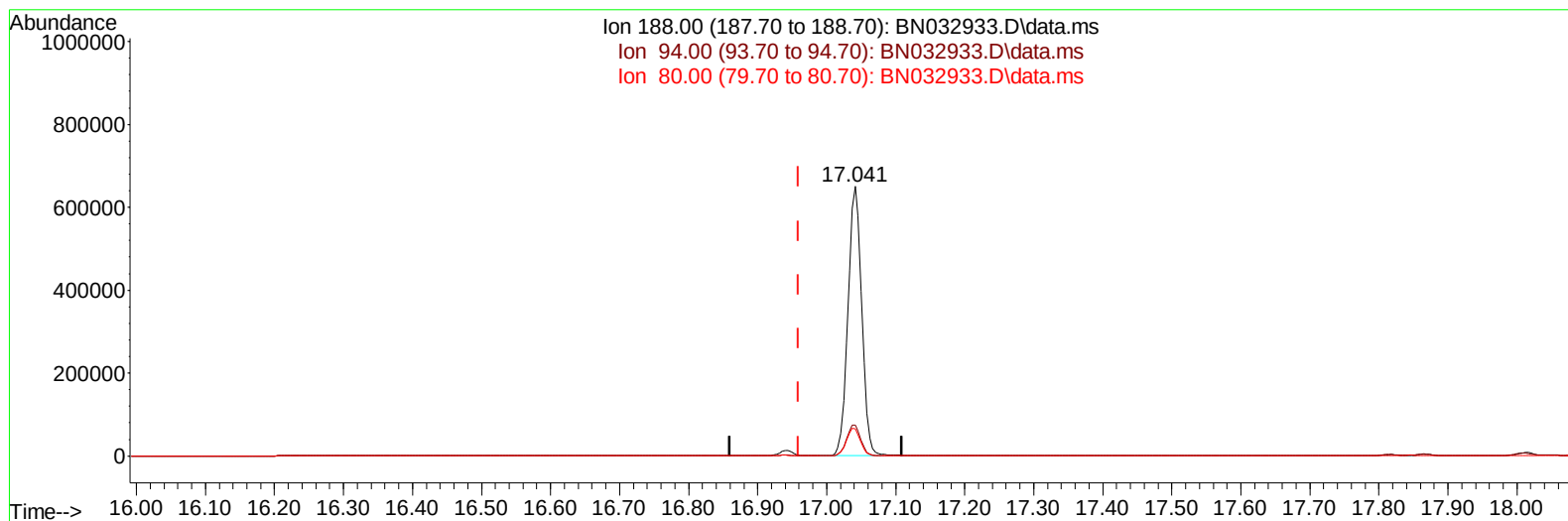
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032933.D
Acq On : 24 Jul 2024 05:09
Operator : MA/JU
Sample : P3215-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D31

Manual IntegrationsAPPROVED

Quant Time: Jul 24 05:40:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032933.D\data.ms

(13) Phenanthrene-d10 (I)

17.041min (+ 0.082) 0.40 ng/u1

response 901550

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	11.48
80.00	12.00	10.11
0.00	0.00	0.00

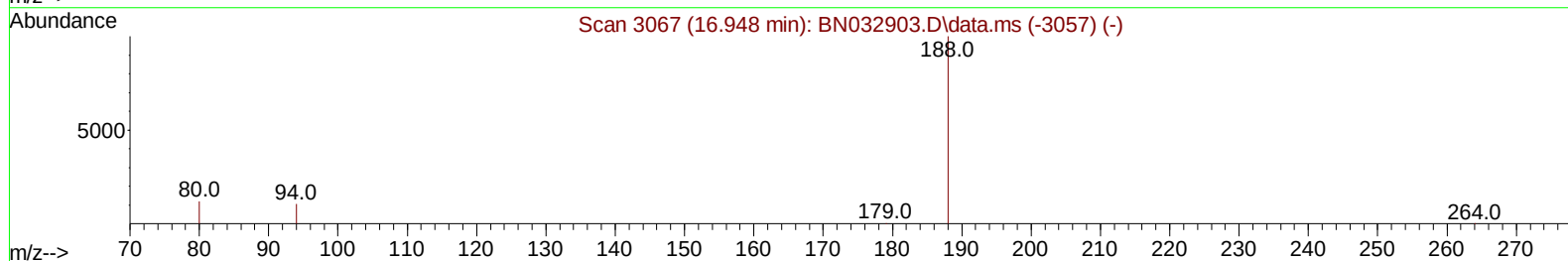
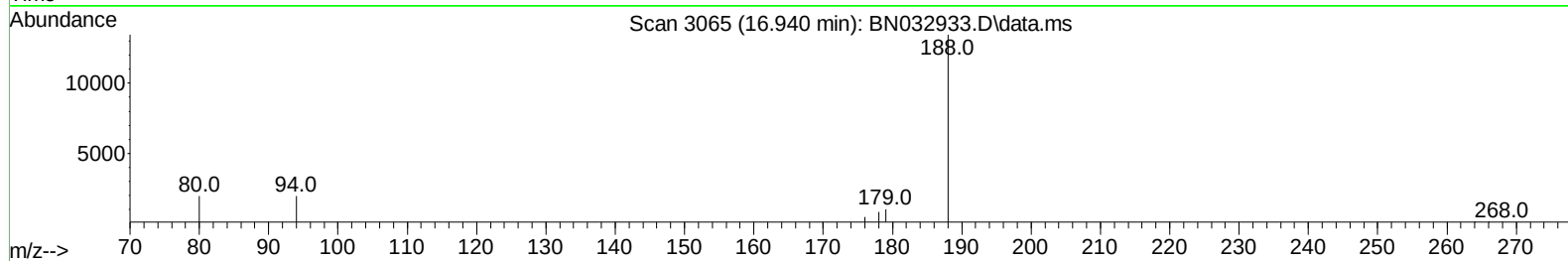
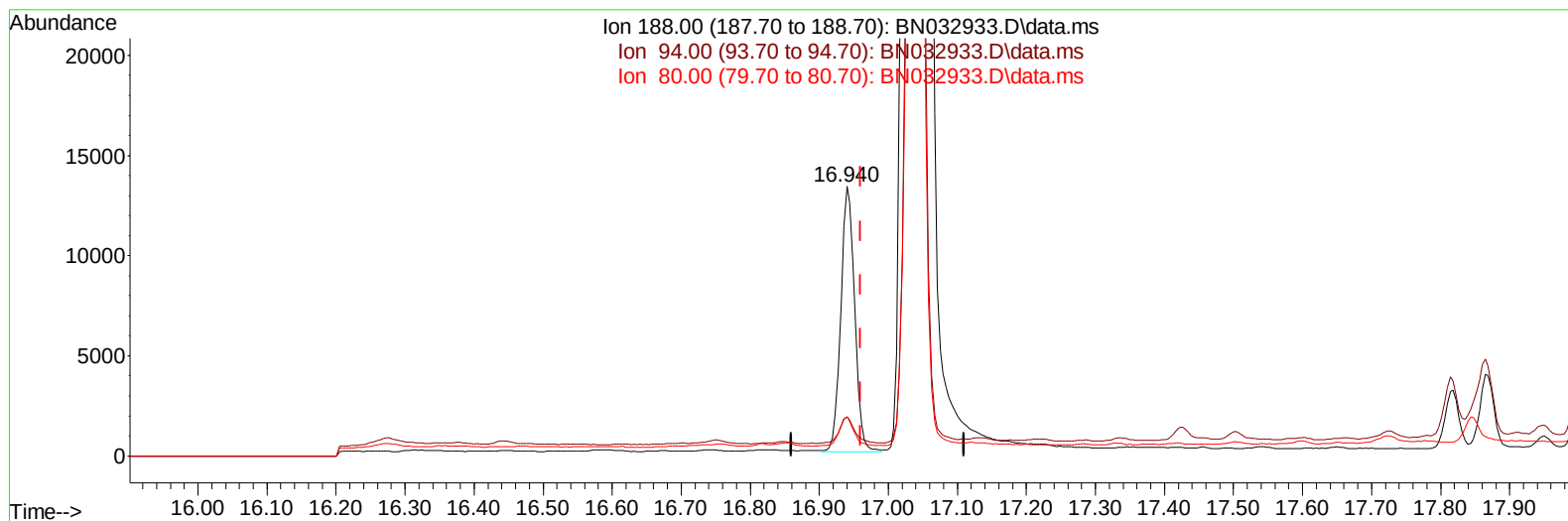
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032933.D
 Acq On : 24 Jul 2024 05:09
 Operator : MA/JU
 Sample : P3215-14
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D31

Manual IntegrationsAPPROVED

Quant Time: Jul 24 05:40:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 20 01:52:15 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/26/2024



TIC: BN032933.D\data.ms

(13) Phenanthrene-d10 (I)

16.940min (-0.019) 0.40 ng/ul m

response 18391

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	14.44#
80.00	12.00	14.41#
0.00	0.00	0.00

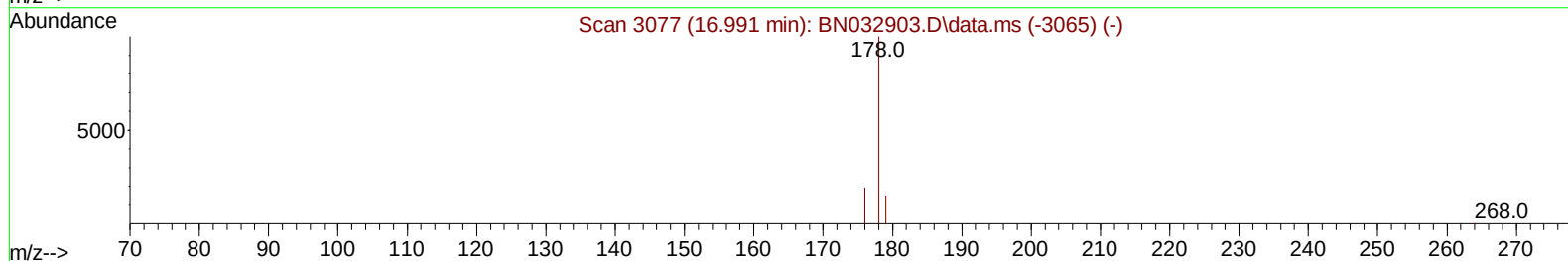
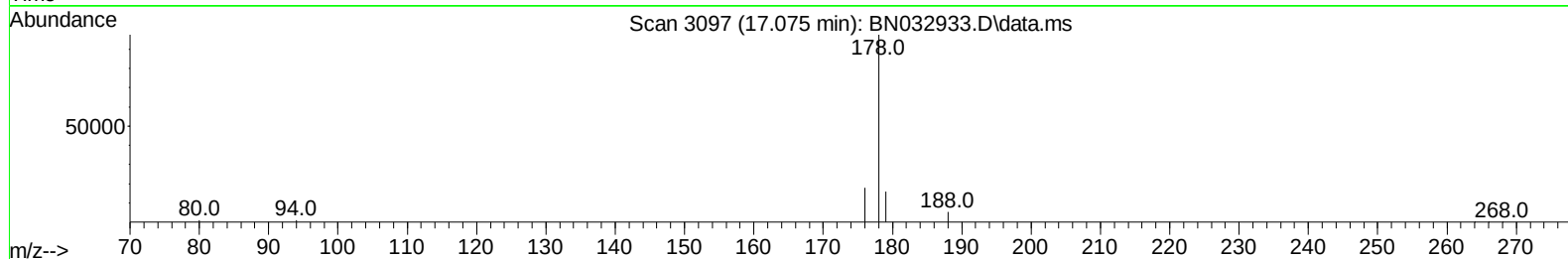
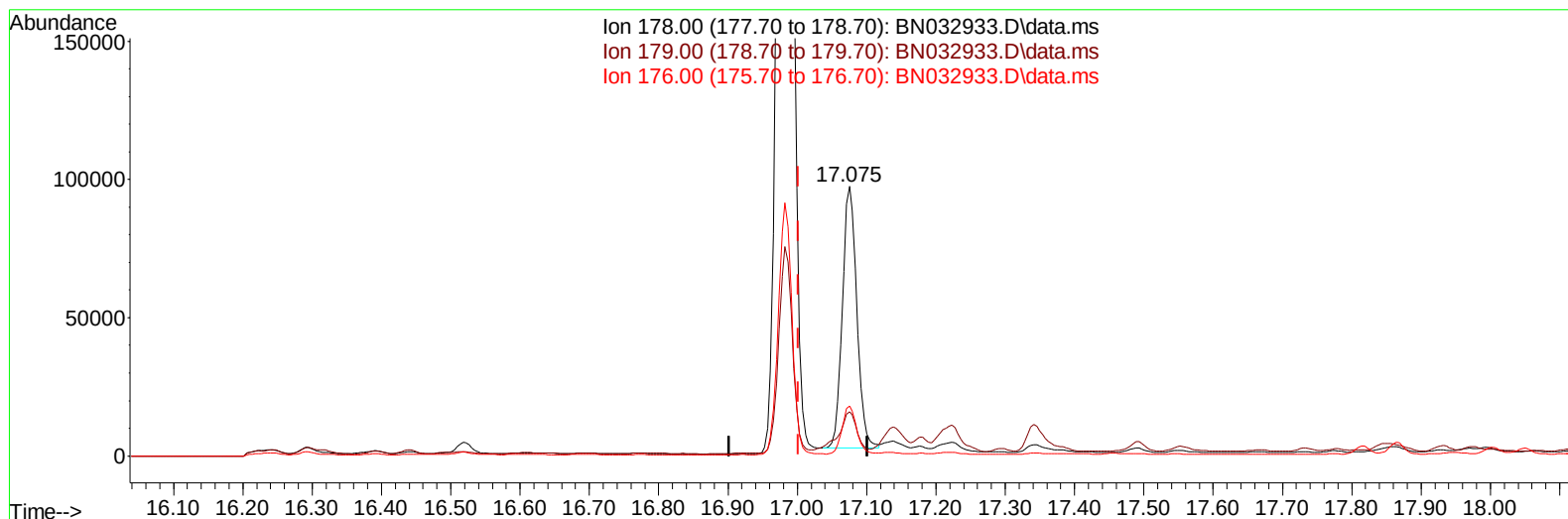
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032933.D
Acq On : 24 Jul 2024 05:09
Operator : MA/JU
Sample : P3215-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D31

Manual IntegrationsAPPROVED

Quant Time: Jul 24 05:40:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
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TIC: BN032933.D\data.ms

(15) Phenanthrene

17.075min (+ 0.073) 2.76 ng/u1

response 138016

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	16.39
176.00	19.50	18.49
0.00	0.00	0.00

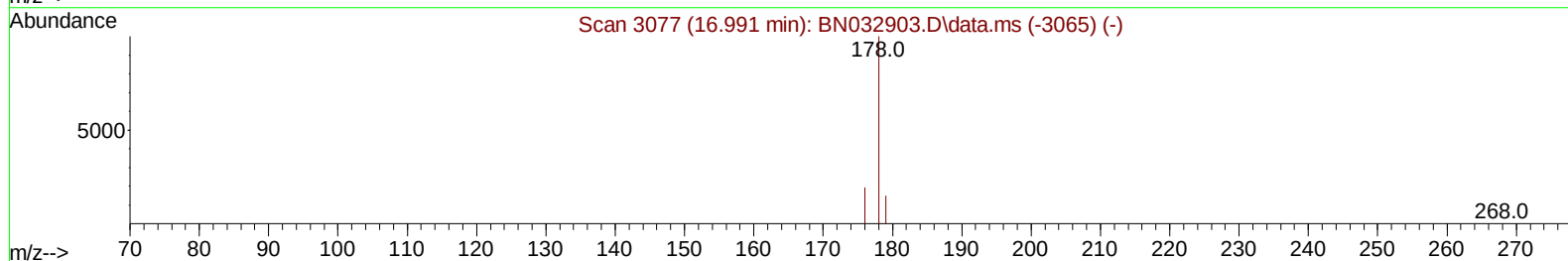
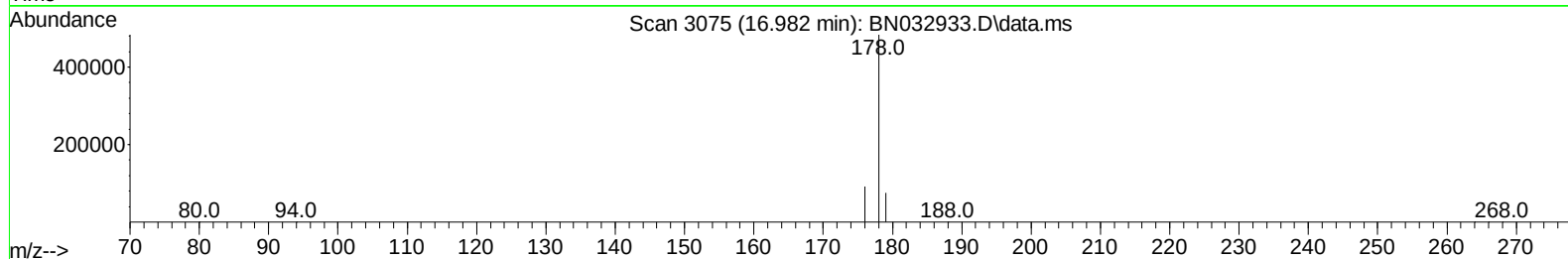
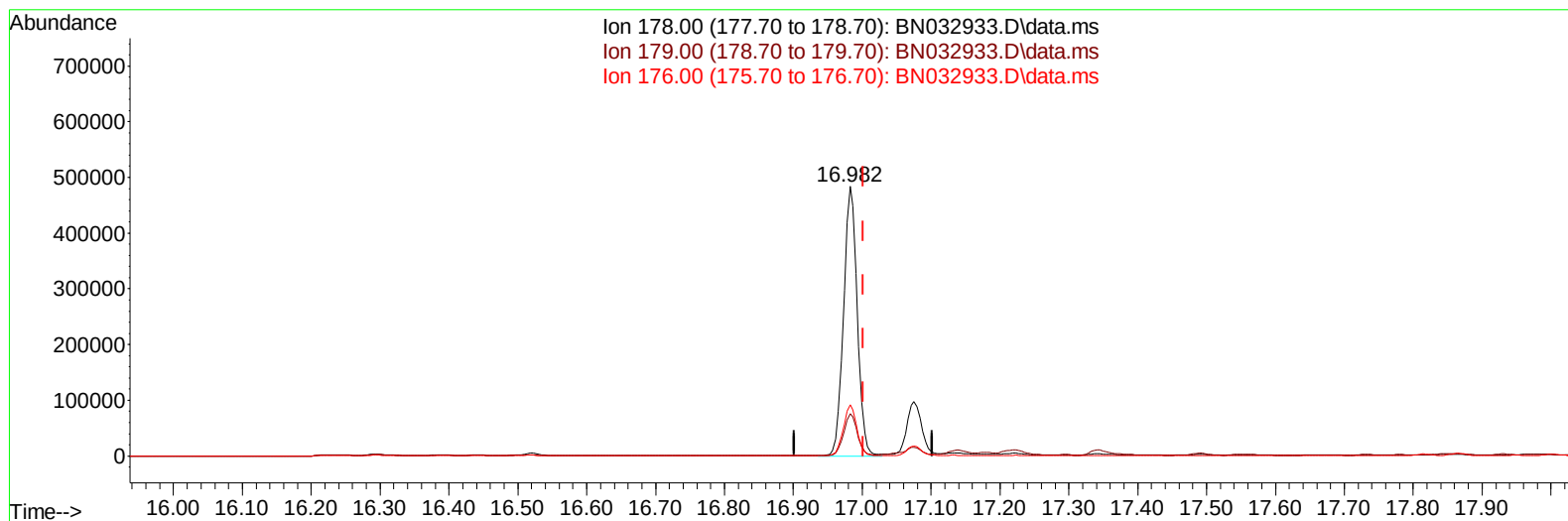
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032933.D
Acq On : 24 Jul 2024 05:09
Operator : MA/JU
Sample : P3215-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D31

Manual IntegrationsAPPROVED

Quant Time: Jul 24 05:40:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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QLast Update : Sat Jul 20 01:52:15 2024
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TIC: BN032933.D\data.ms

(15) Phenanthrene

16.982min (-0.019) 13.37 ng/ul m

response 669635

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.64
176.00	19.50	18.91
0.00	0.00	0.00

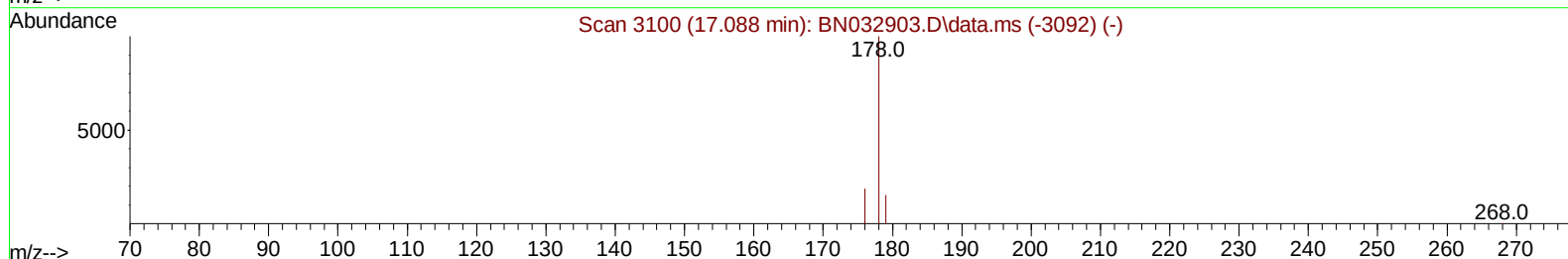
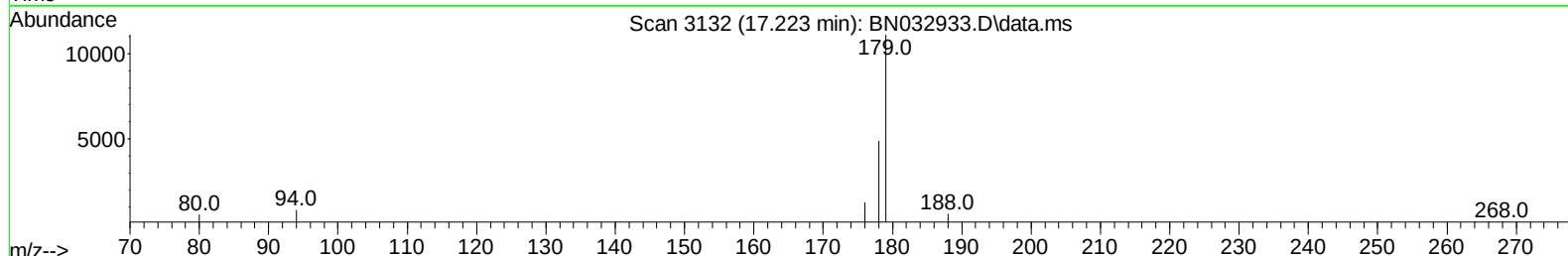
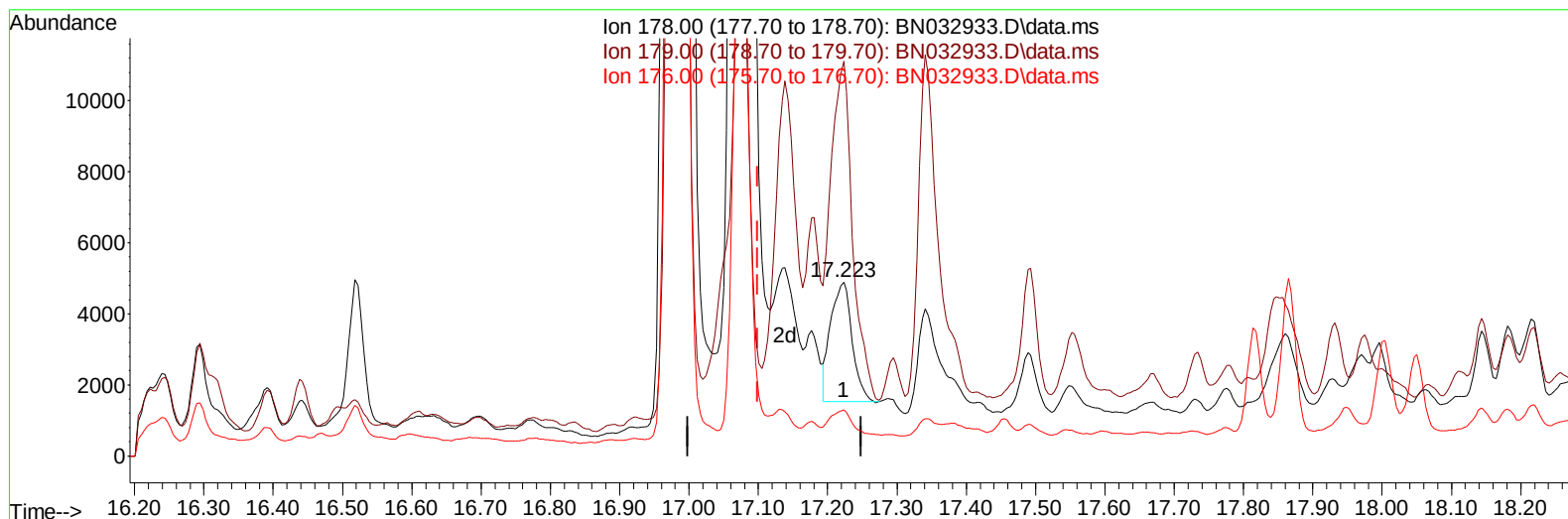
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032933.D
 Acq On : 24 Jul 2024 05:09
 Operator : MA/JU
 Sample : P3215-14
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D31

Manual IntegrationsAPPROVED

Quant Time: Jul 24 05:40:39 2024
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TIC: BN032933.D\data.ms

(16) Anthracene

17.223min (+ 0.124) 0.17 ng/u1

response 7121

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	226.92#
176.00	19.20	26.35#
0.00	0.00	0.00

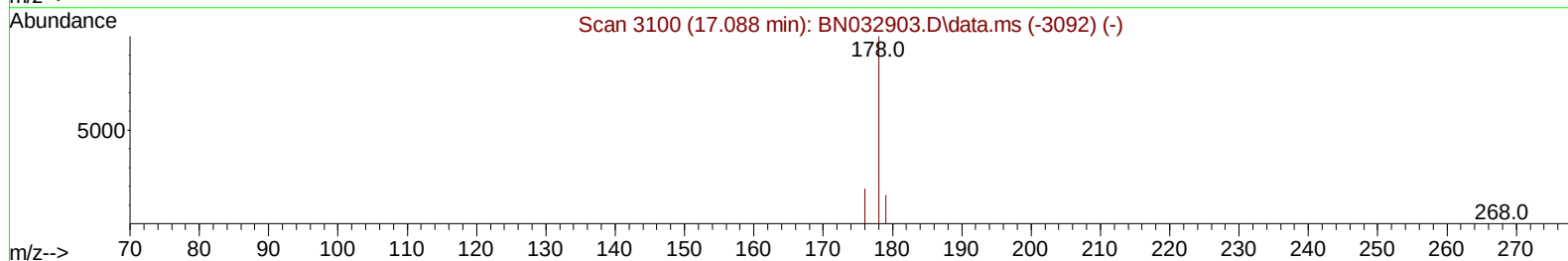
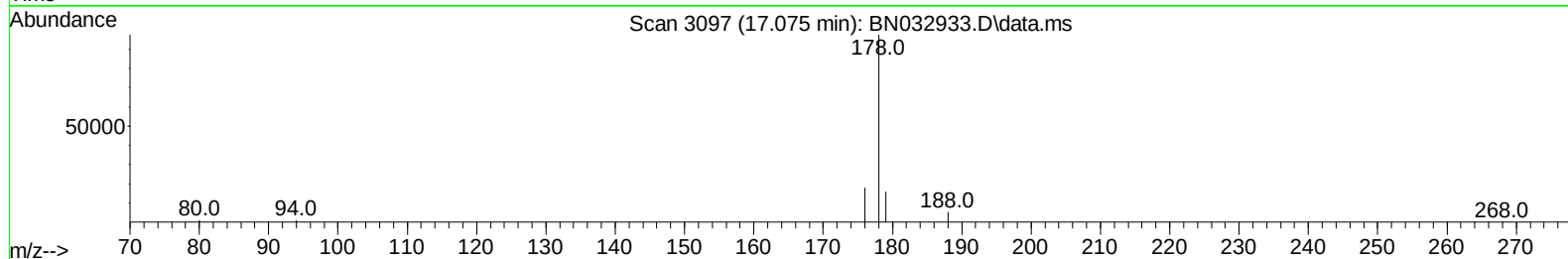
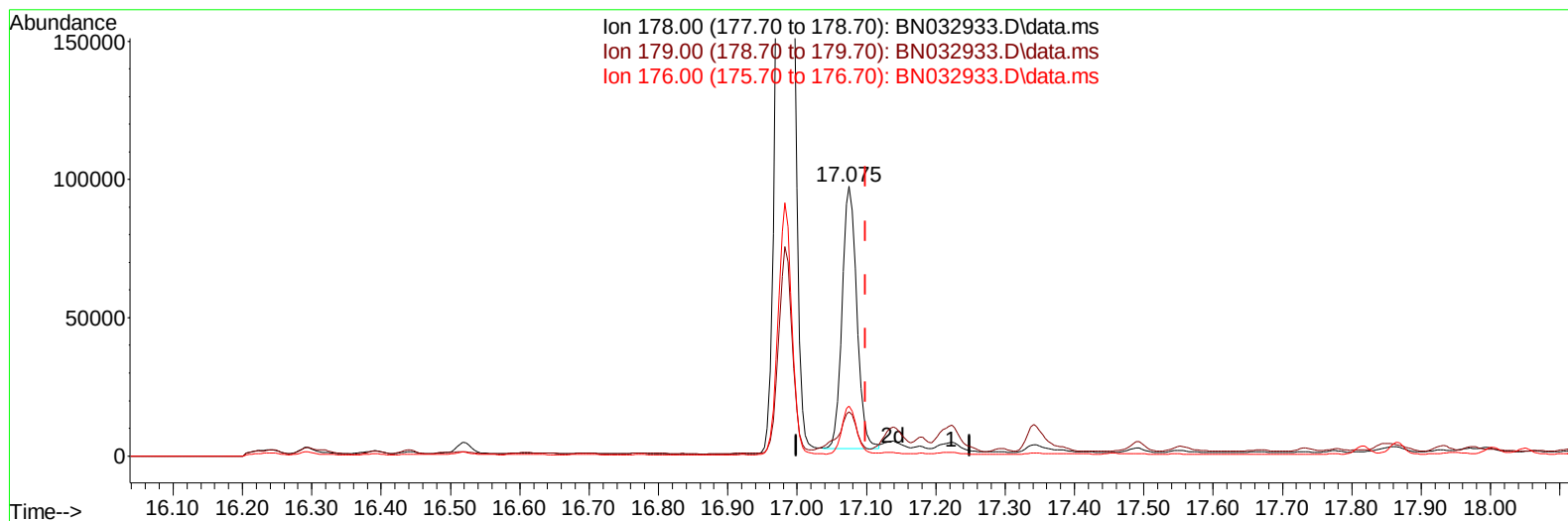
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032933.D
Acq On : 24 Jul 2024 05:09
Operator : MA/JU
Sample : P3215-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D31

Manual IntegrationsAPPROVED

Quant Time: Jul 24 05:40:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
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TIC: BN032933.D\data.ms

(16) Anthracene

17.075min (-0.024) 3.39 ng/ul m

response 138579

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	16.39
176.00	19.20	18.49
0.00	0.00	0.00

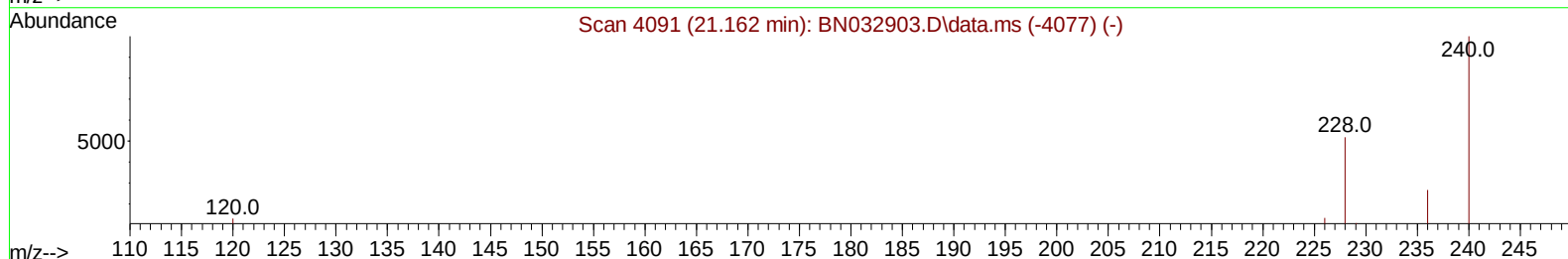
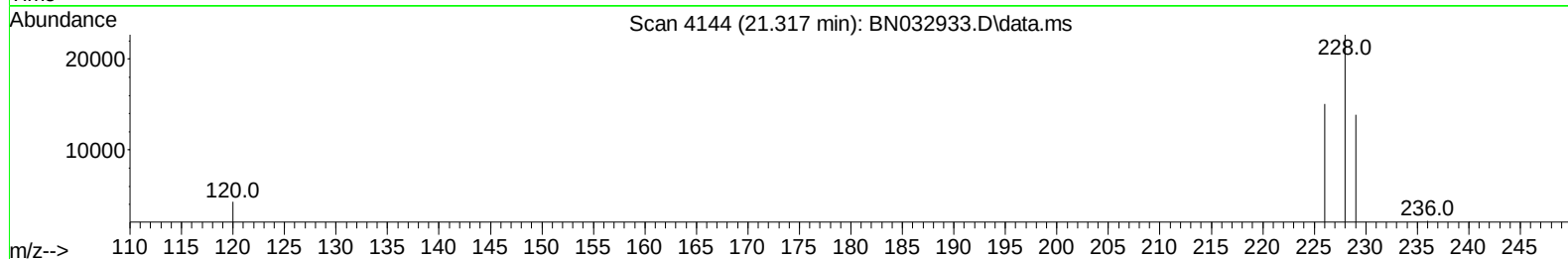
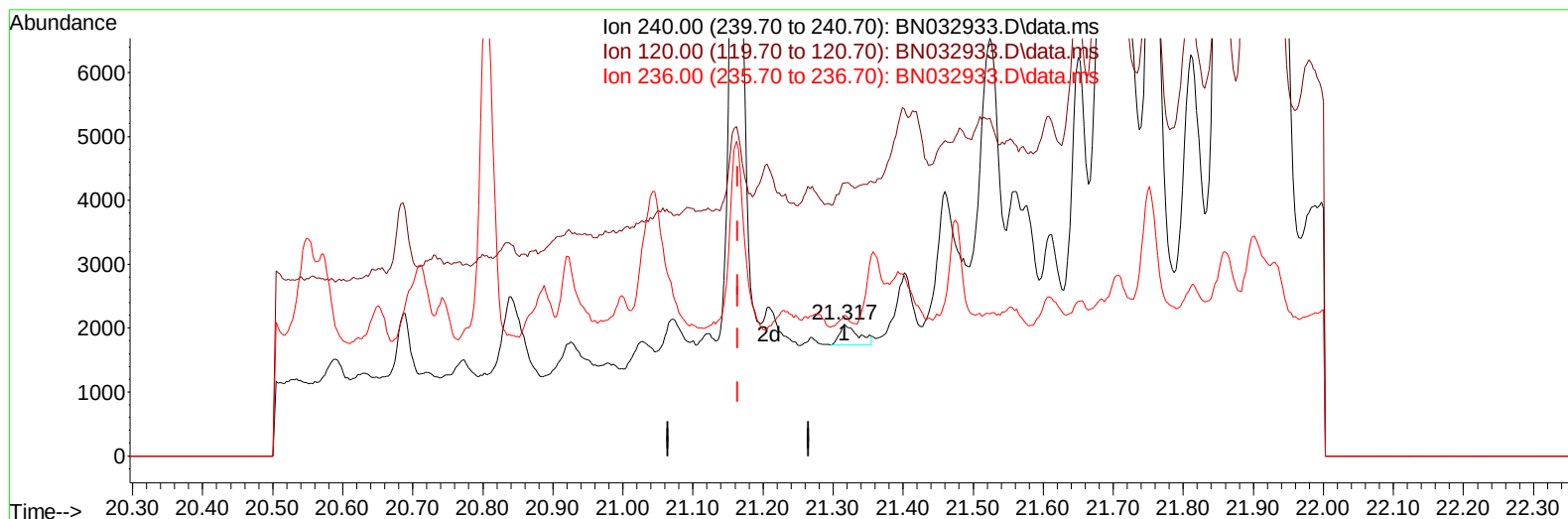
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032933.D
Acq On : 24 Jul 2024 05:09
Operator : MA/JU
Sample : P3215-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D31

Manual IntegrationsAPPROVED

Quant Time: Jul 24 05:40:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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TIC: BN032933.D\data.ms

(17) Chrysene-d12

21.317min (+ 0.152) 0.40 ng/u1

response 588

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	207.23#
236.00	28.40	107.09#
0.00	0.00	0.00

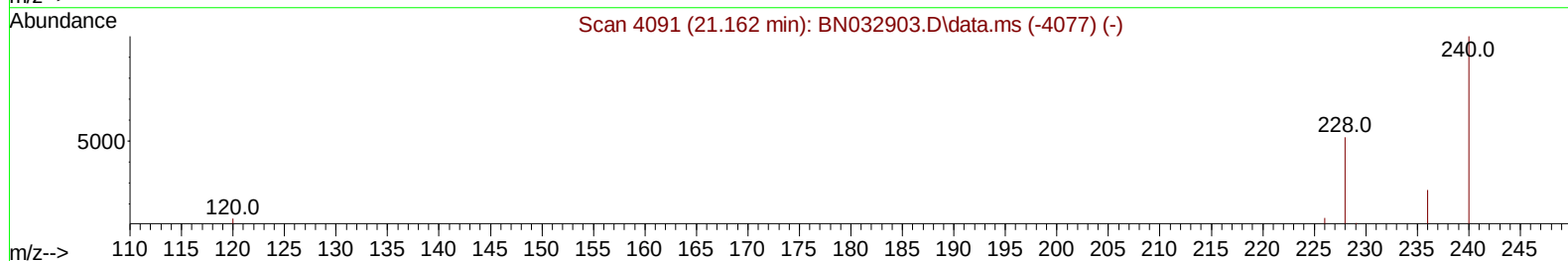
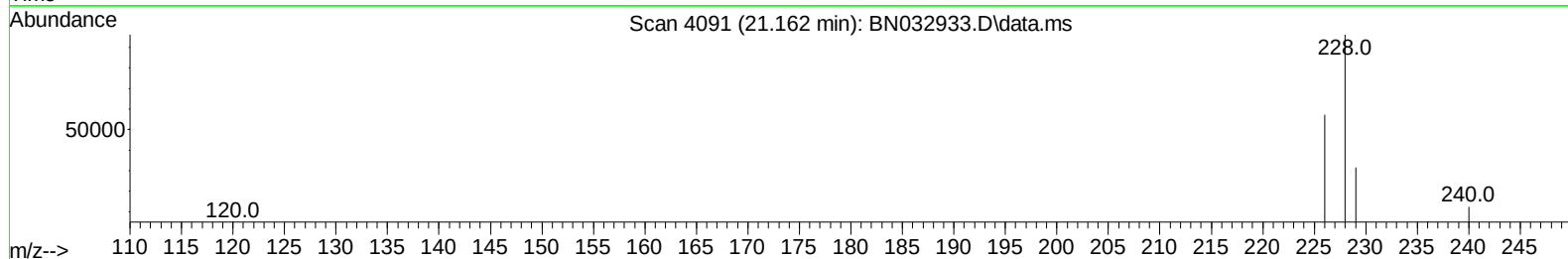
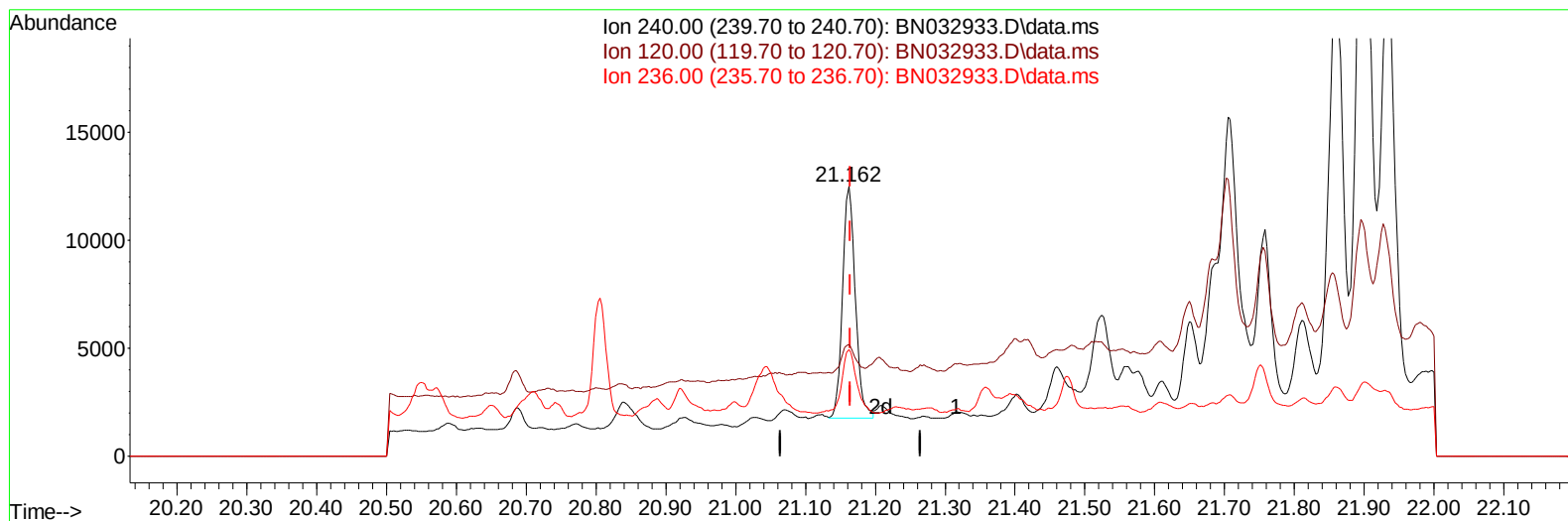
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032933.D
Acq On : 24 Jul 2024 05:09
Operator : MA/JU
Sample : P3215-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D31

Manual IntegrationsAPPROVED

Quant Time: Jul 24 05:40:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

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Supervised By :mohammad ahmed 07/26/2024



TIC: BN032933.D\data.ms

(17) Chrysene-d12

21.162min (-0.003) 0.40 ng/ul m

response 13641

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	41.31#
236.00	28.40	39.47#
0.00	0.00	0.00

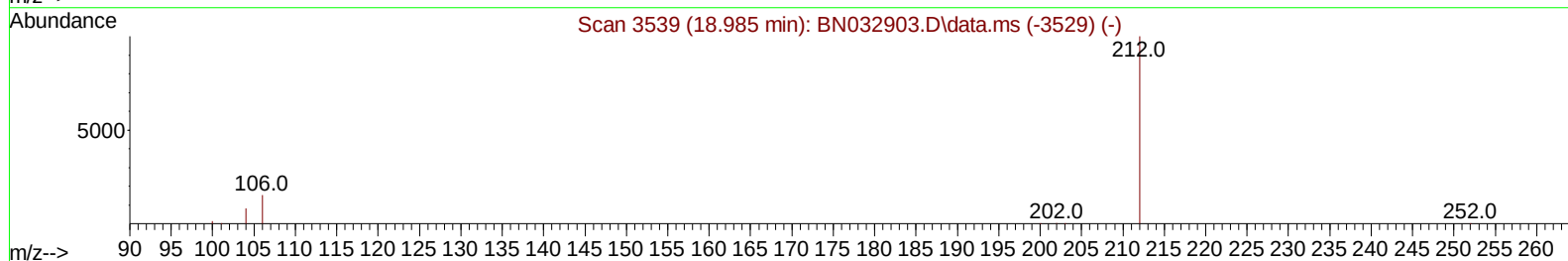
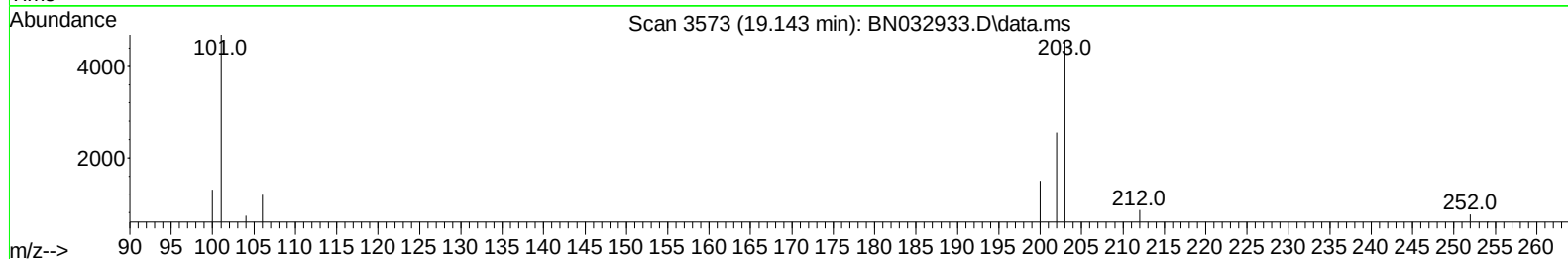
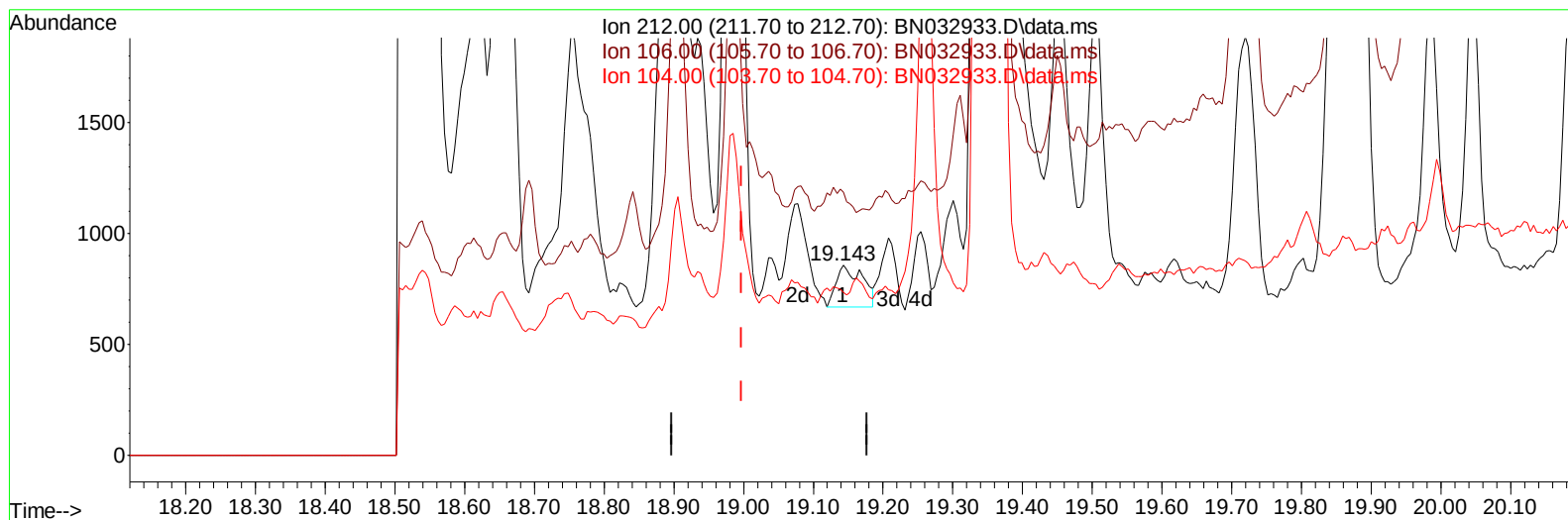
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032933.D
Acq On : 24 Jul 2024 05:09
Operator : MA/JU
Sample : P3215-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D31

Manual IntegrationsAPPROVED

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Response via : Initial Calibration



TIC: BN032933.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.143min (+ 0.146) 0.01 ng/u1

response 486

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	44.03#
104.00	9.00	29.01#
0.00	0.00	0.00

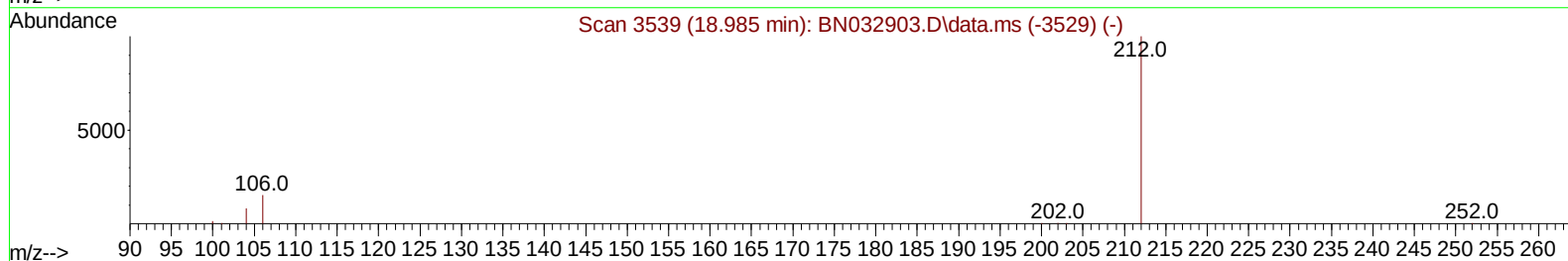
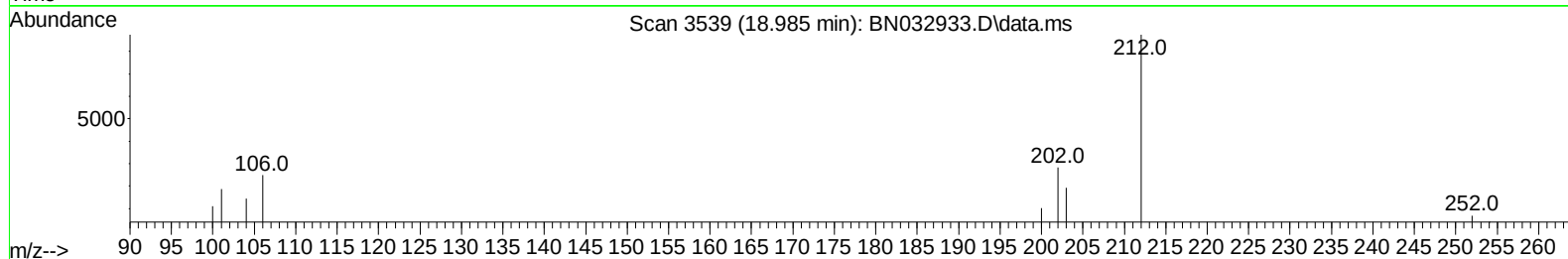
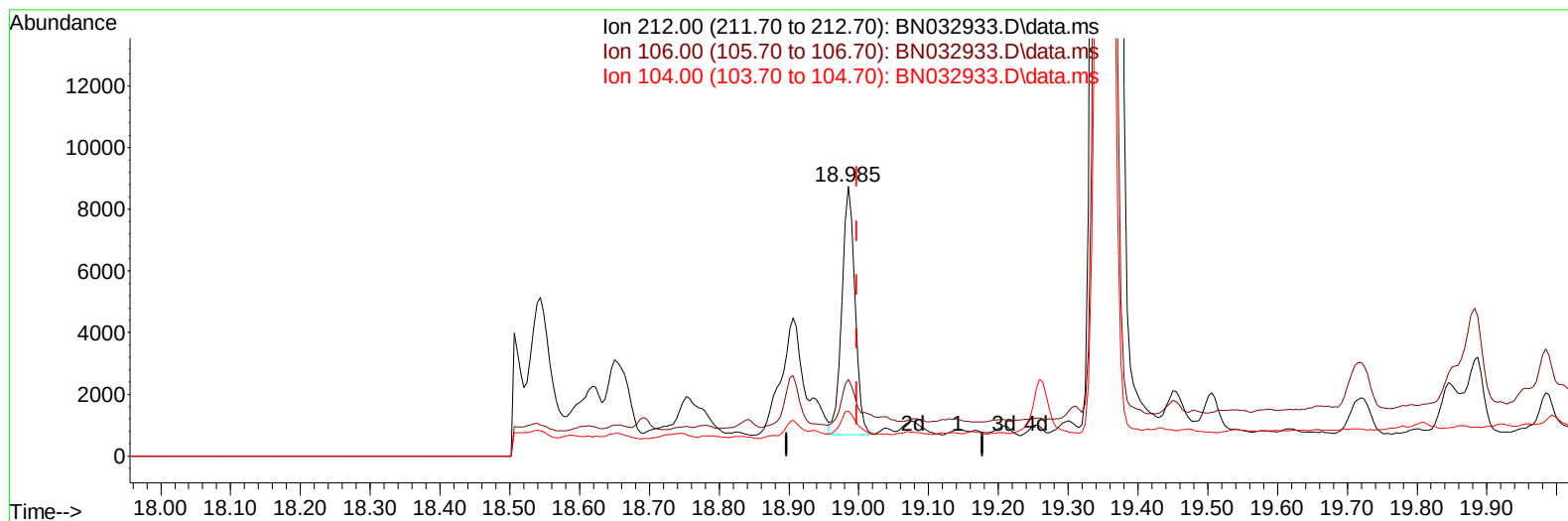
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032933.D
Acq On : 24 Jul 2024 05:09
Operator : MA/JU
Sample : P3215-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D31

Manual IntegrationsAPPROVED

Quant Time: Jul 24 05:40:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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QLast Update : Sat Jul 20 01:52:15 2024
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TIC: BN032933.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.985min (-0.012) 0.24 ng/ul m

response 10691

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	2.00#
104.00	9.00	1.32#
0.00	0.00	0.00

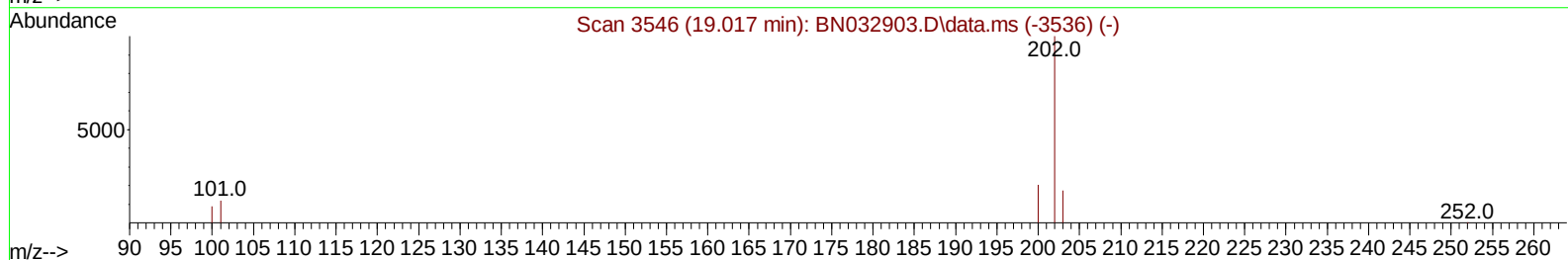
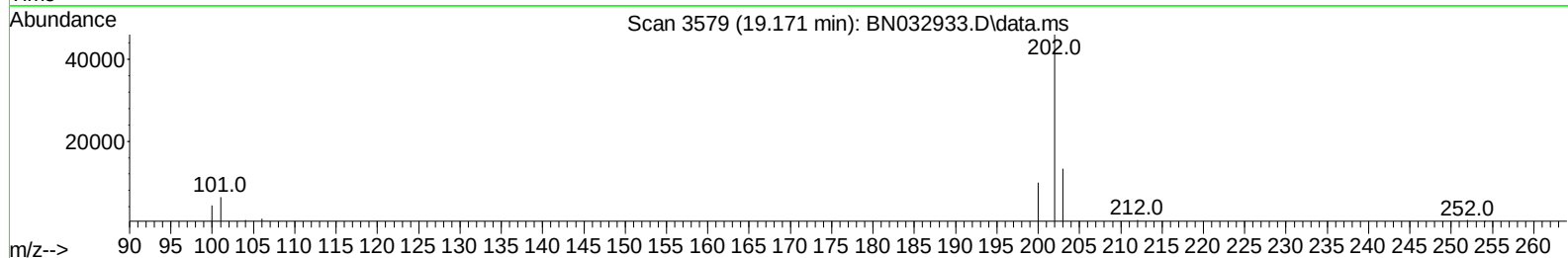
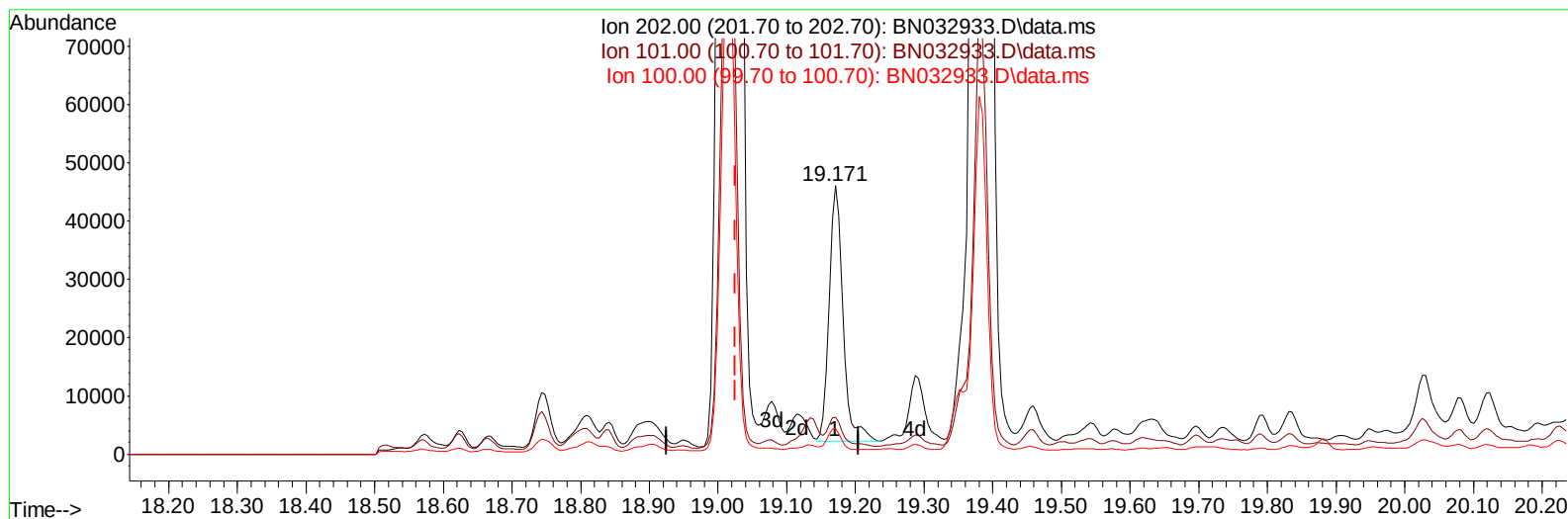
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032933.D
Acq On : 24 Jul 2024 05:09
Operator : MA/JU
Sample : P3215-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D31

Manual IntegrationsAPPROVED

Quant Time: Jul 24 05:40:39 2024
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TIC: BN032933.D\data.ms

(19) Fluoranthene (C)

19.171min (+ 0.146) 1.12 ng/u1

response 62160

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	13.90
100.00	9.90	9.48
0.00	0.00	0.00

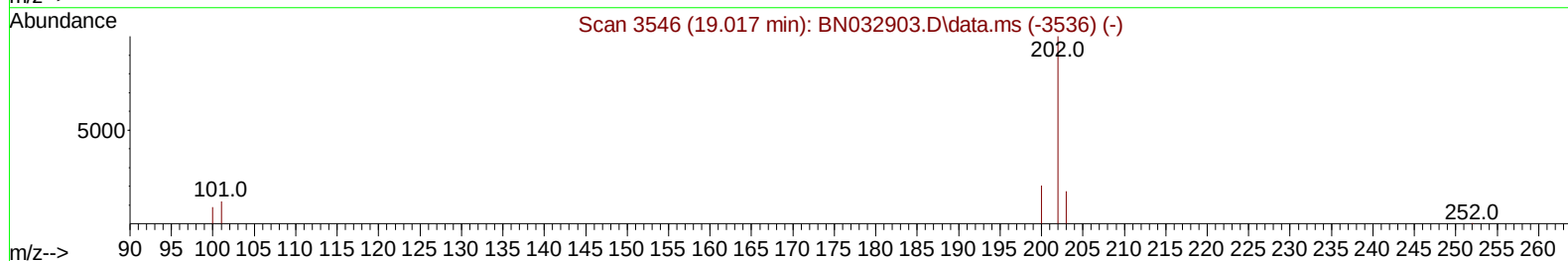
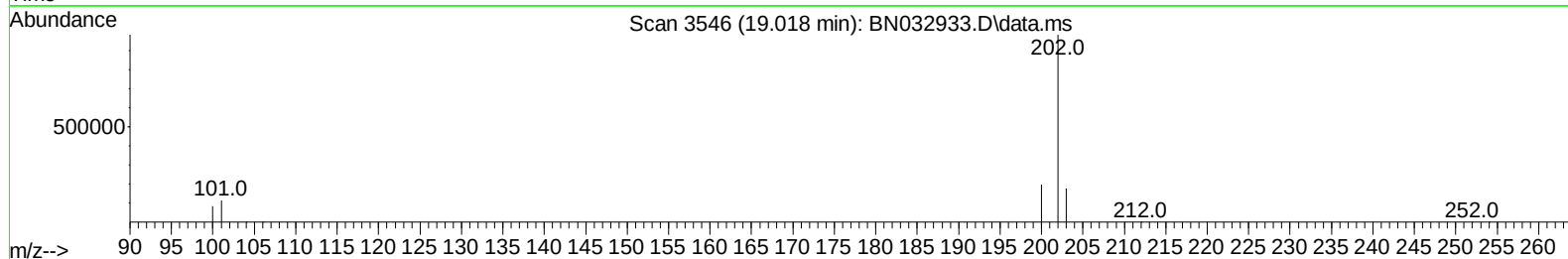
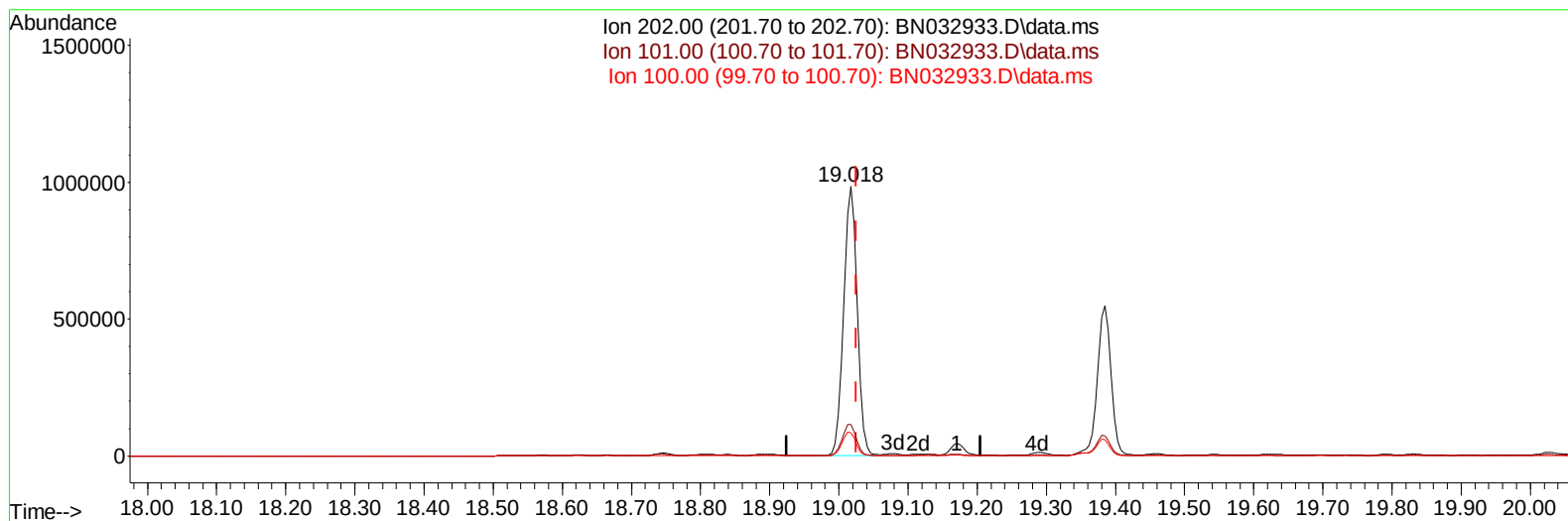
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032933.D
Acq On : 24 Jul 2024 05:09
Operator : MA/JU
Sample : P3215-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D31

Manual IntegrationsAPPROVED

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TIC: BN032933.D\data.ms

(19) Fluoranthene (C)

19.018min (-0.008) 24.33 ng/ul m

response 1349406

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	11.61
100.00	9.90	8.61
0.00	0.00	0.00

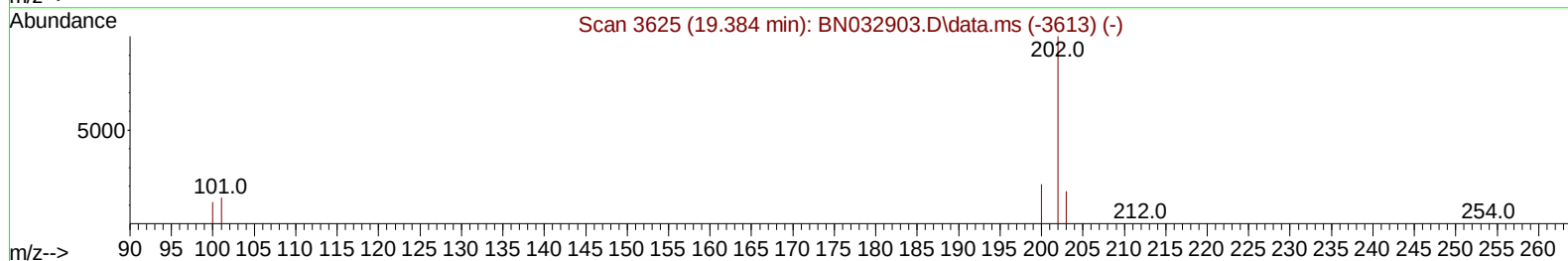
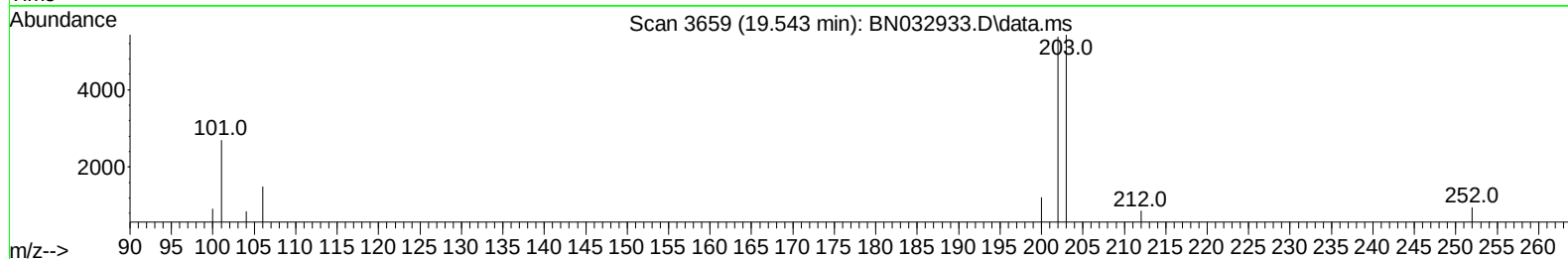
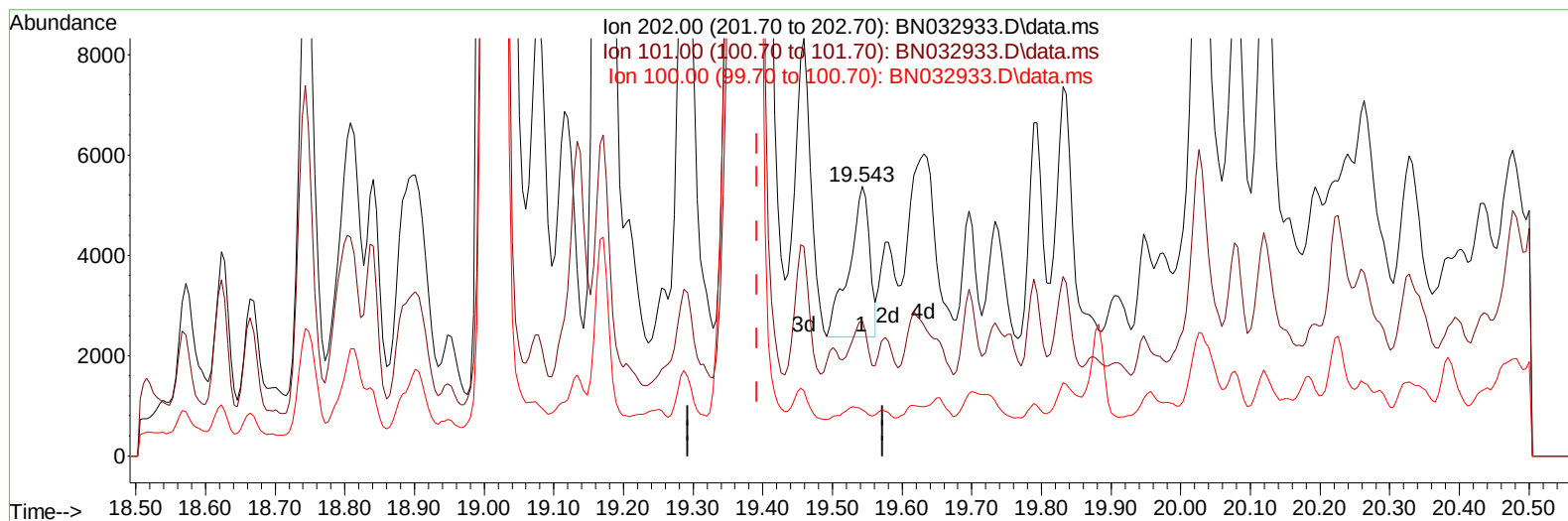
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032933.D
Acq On : 24 Jul 2024 05:09
Operator : MA/JU
Sample : P3215-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D31

Manual IntegrationsAPPROVED

Quant Time: Jul 24 05:40:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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TIC: BN032933.D\data.ms

(20) Pyrene

19.543min (+ 0.150) 0.11 ng/u1

response 6127

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	50.17#
100.00	12.00	17.16#
0.00	0.00	0.00

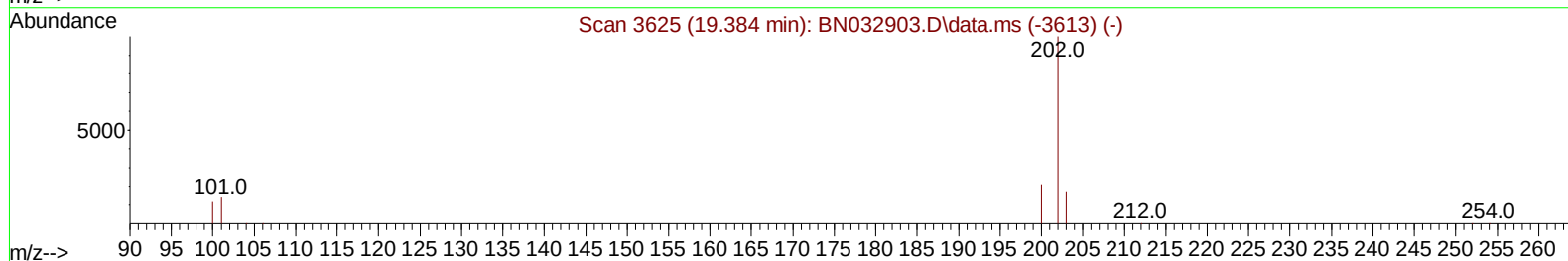
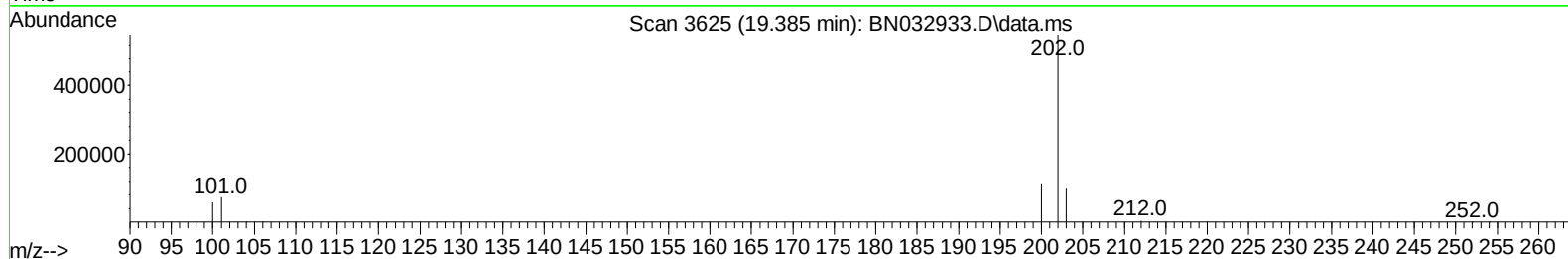
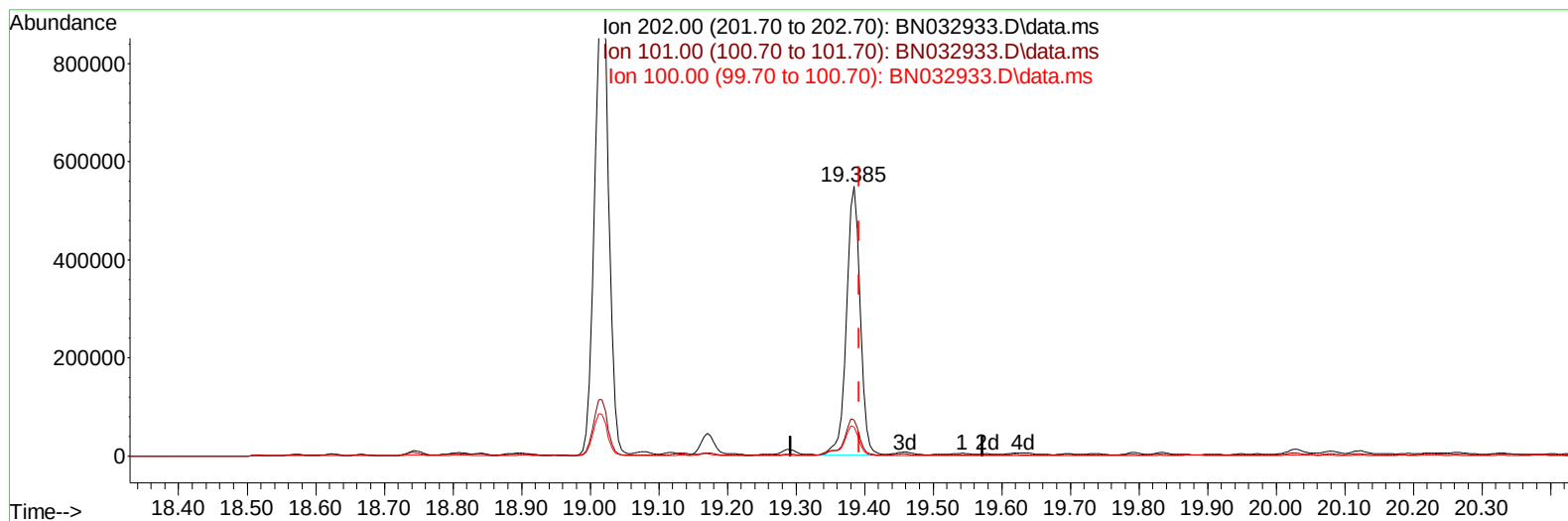
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032933.D
Acq On : 24 Jul 2024 05:09
Operator : MA/JU
Sample : P3215-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D31

Manual IntegrationsAPPROVED

Quant Time: Jul 24 05:40:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032933.D\data.ms

(20) Pyrene

19.385min (-0.008) 13.26 ng/ul m

response 760987

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	13.38
100.00	12.00	10.65
0.00	0.00	0.00

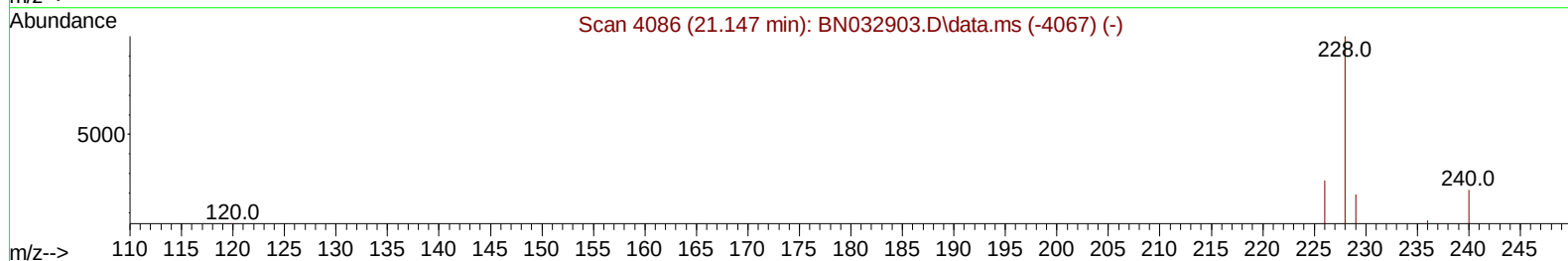
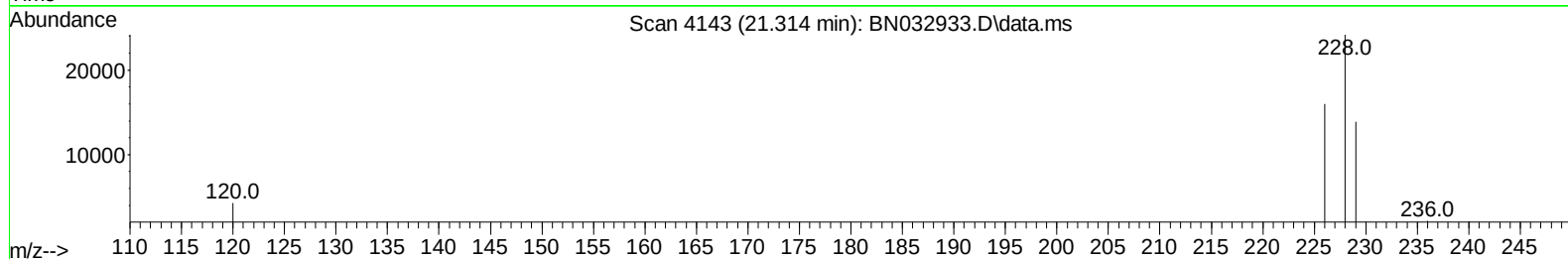
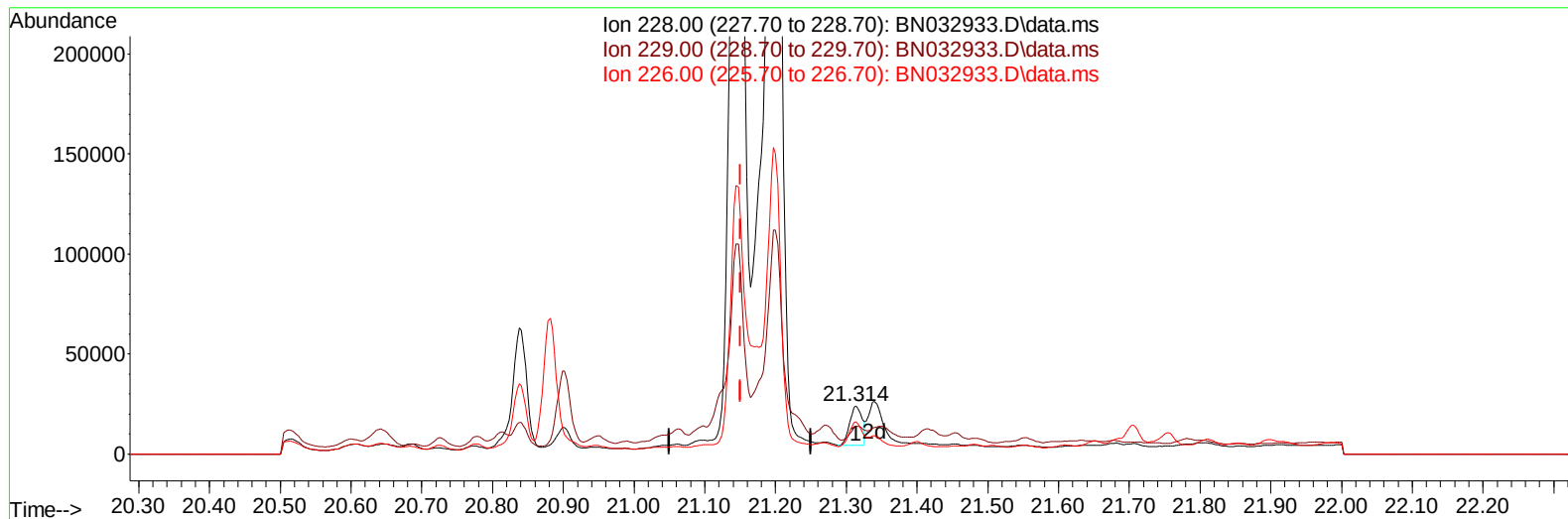
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032933.D
Acq On : 24 Jul 2024 05:09
Operator : MA/JU
Sample : P3215-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D31

Manual IntegrationsAPPROVED

Quant Time: Jul 24 05:40:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032933.D\data.ms

(21) Benzo(a)anthracene

21.314min (+ 0.163) 0.56 ng/u1

response 24404

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	57.44#
226.00	27.40	66.15#
0.00	0.00	0.00

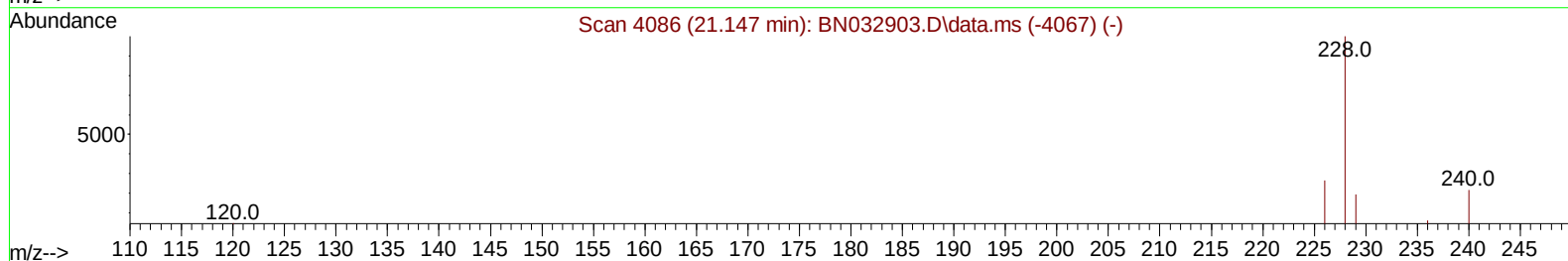
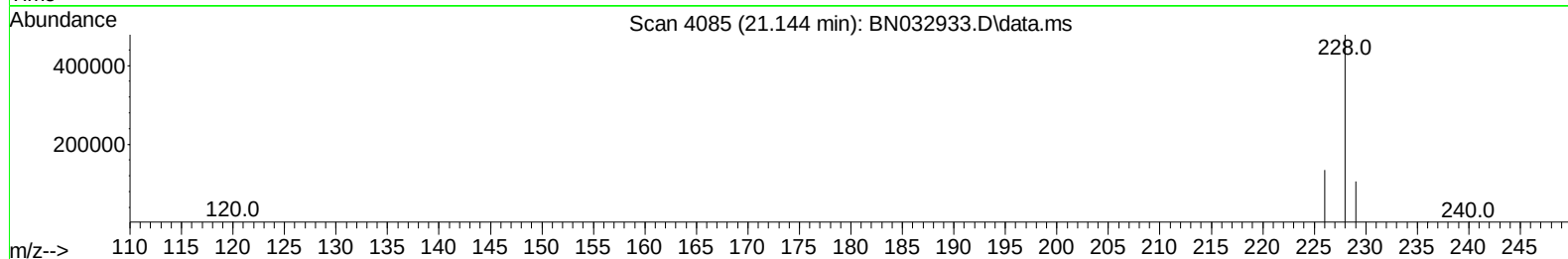
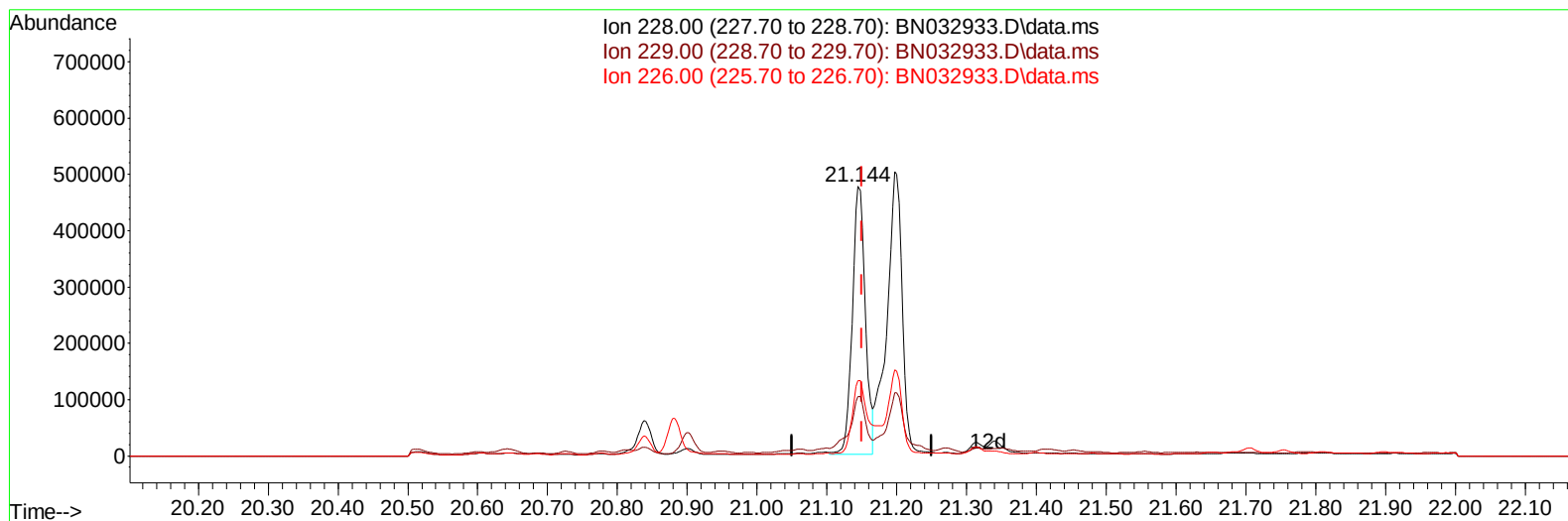
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032933.D
Acq On : 24 Jul 2024 05:09
Operator : MA/JU
Sample : P3215-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D31

Manual IntegrationsAPPROVED

Quant Time: Jul 24 05:40:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032933.D\data.ms

(21) Benzo(a)anthracene

21.144min (-0.006) 14.11 ng/ul m

response 612460

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	21.97
226.00	27.40	28.04
0.00	0.00	0.00

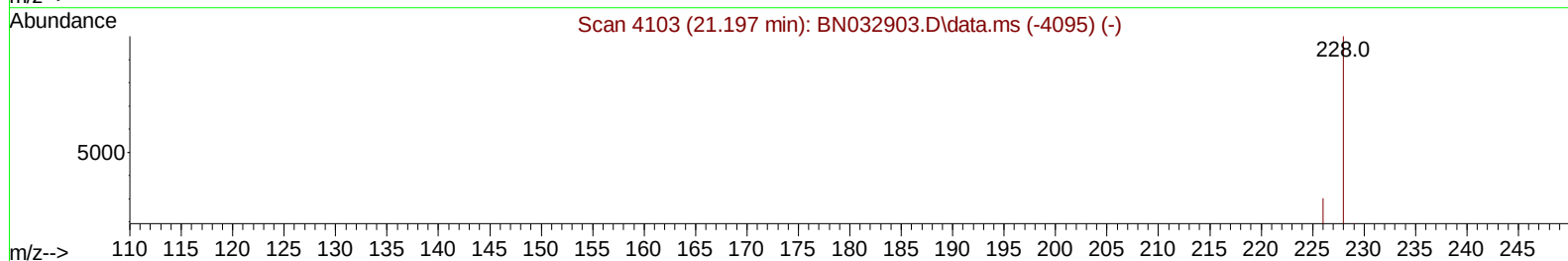
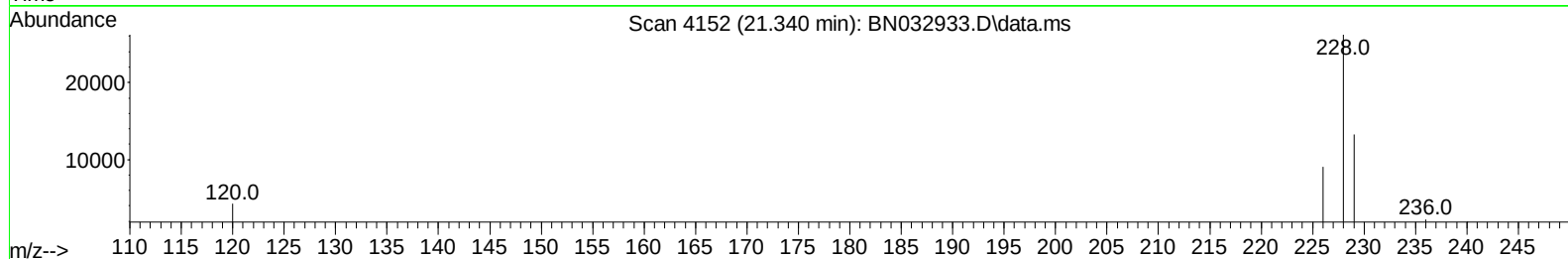
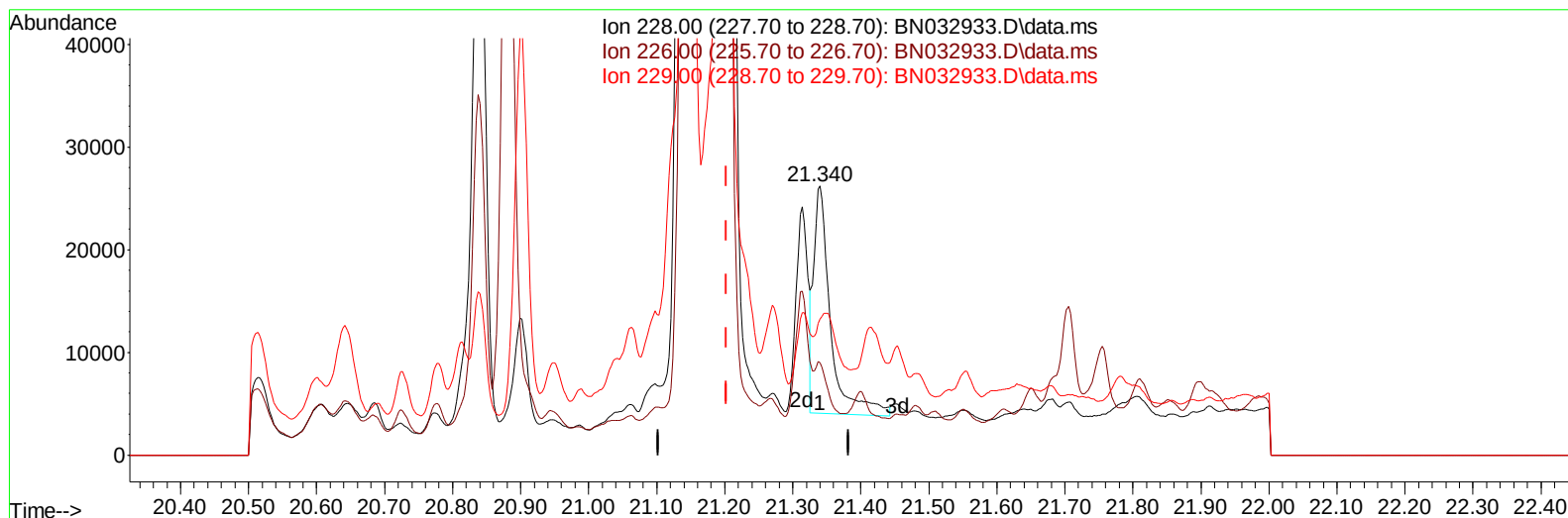
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032933.D
Acq On : 24 Jul 2024 05:09
Operator : MA/JU
Sample : P3215-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D31

Manual IntegrationsAPPROVED

Quant Time: Jul 24 05:40:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032933.D\data.ms

(22) Chrysene

21.340min (+ 0.137) 0.61 ng/u1

response 38135

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	34.44
229.00	19.70	50.52#
0.00	0.00	0.00

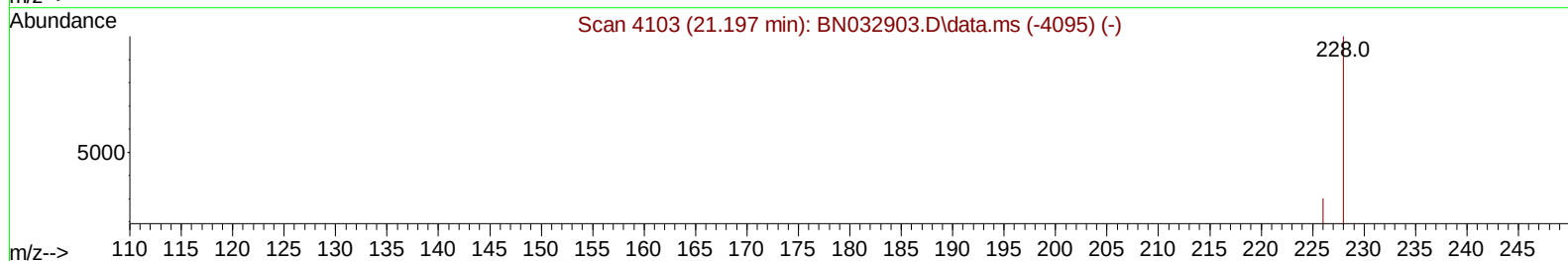
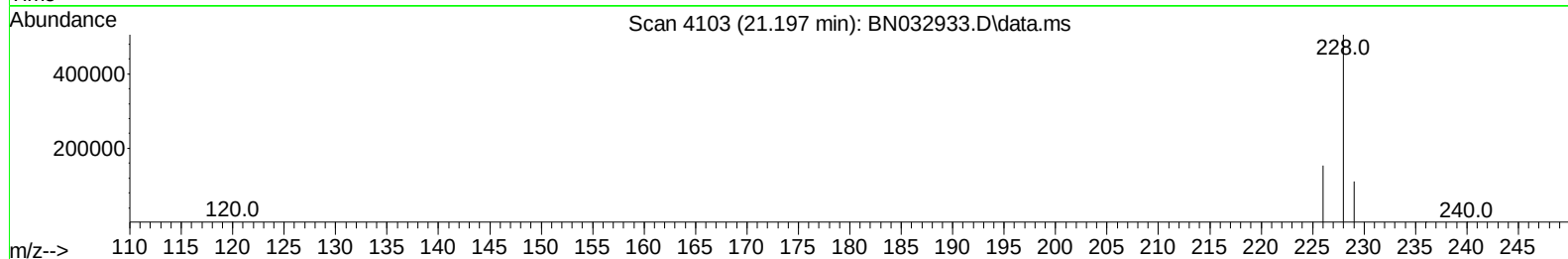
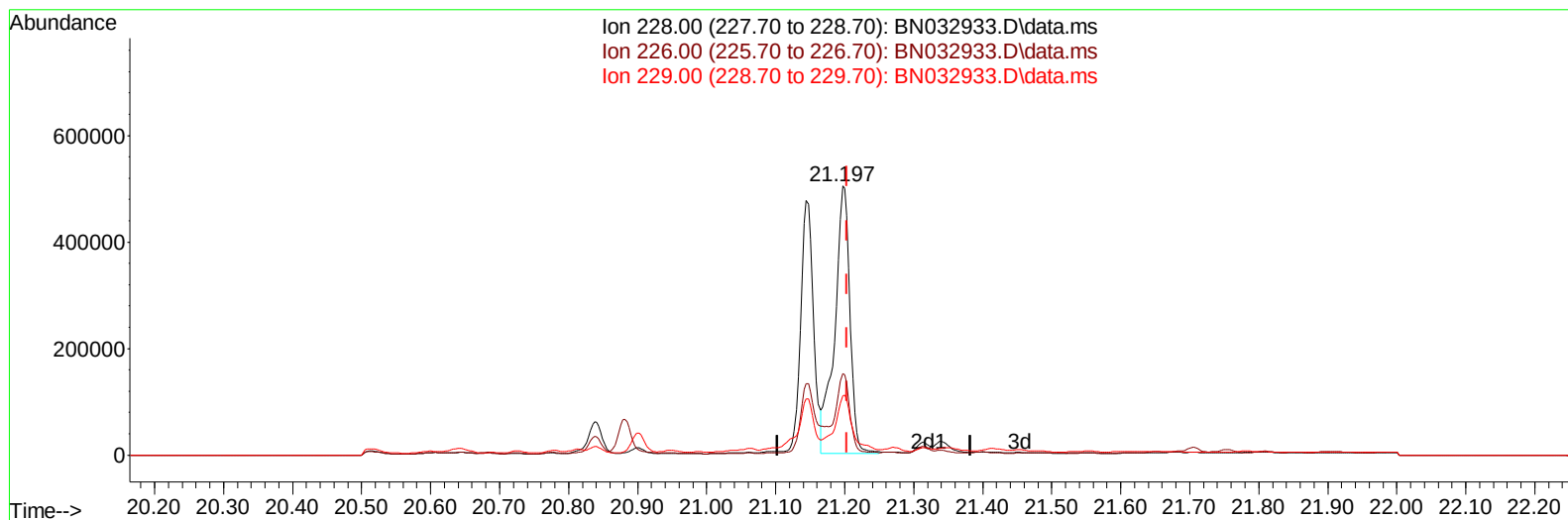
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032933.D
Acq On : 24 Jul 2024 05:09
Operator : MA/JU
Sample : P3215-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D31

Manual IntegrationsAPPROVED

Quant Time: Jul 24 05:40:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
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TIC: BN032933.D\data.ms

(22) Chrysene

21.197min (-0.006) 12.23 ng/ul m

response 768035

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	30.38
229.00	19.70	22.16
0.00	0.00	0.00

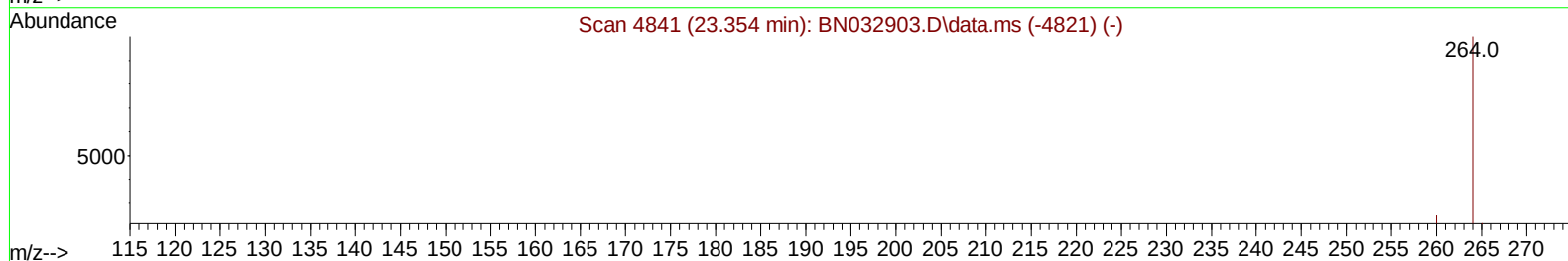
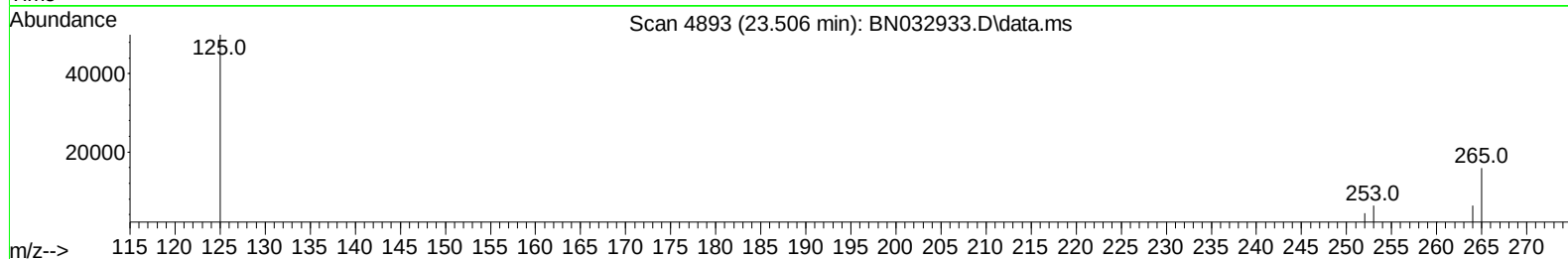
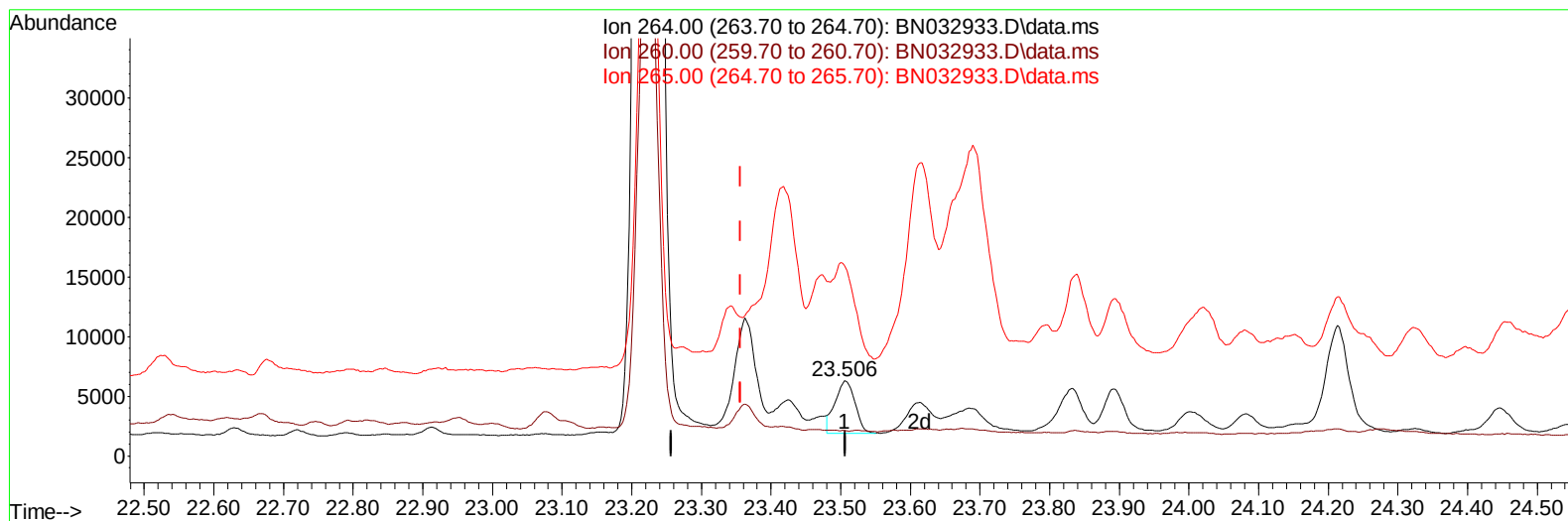
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032933.D
Acq On : 24 Jul 2024 05:09
Operator : MA/JU
Sample : P3215-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D31

Manual IntegrationsAPPROVED

Quant Time: Jul 24 05:40:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

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TIC: BN032933.D\data.ms

(23) Perylene-d12 (I)

23.506min (+ 0.149) 0.40 ng/u1

response 8773

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	33.06#
265.00	95.50	253.27#
0.00	0.00	0.00

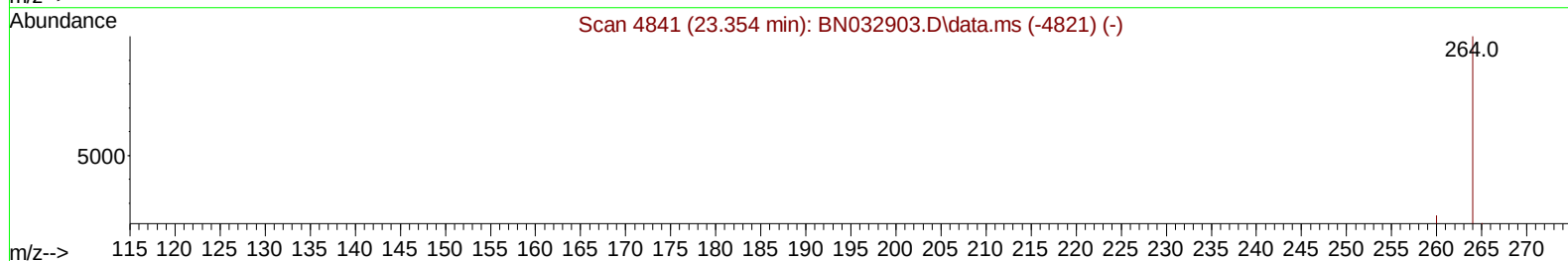
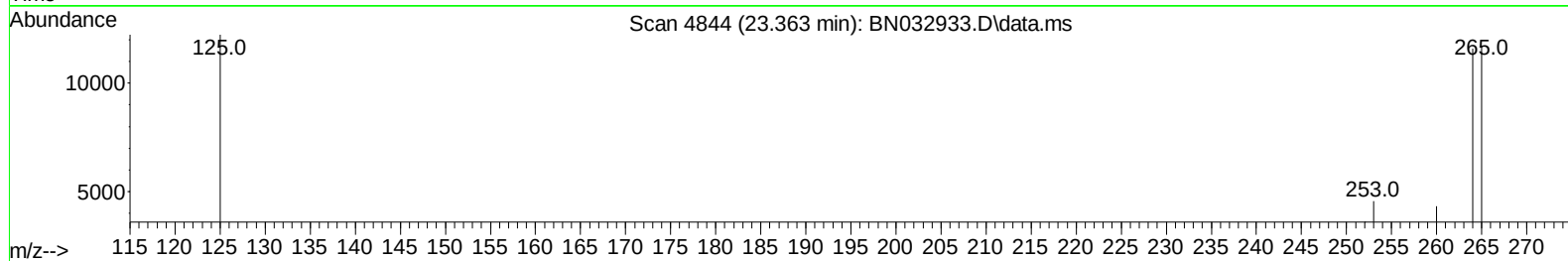
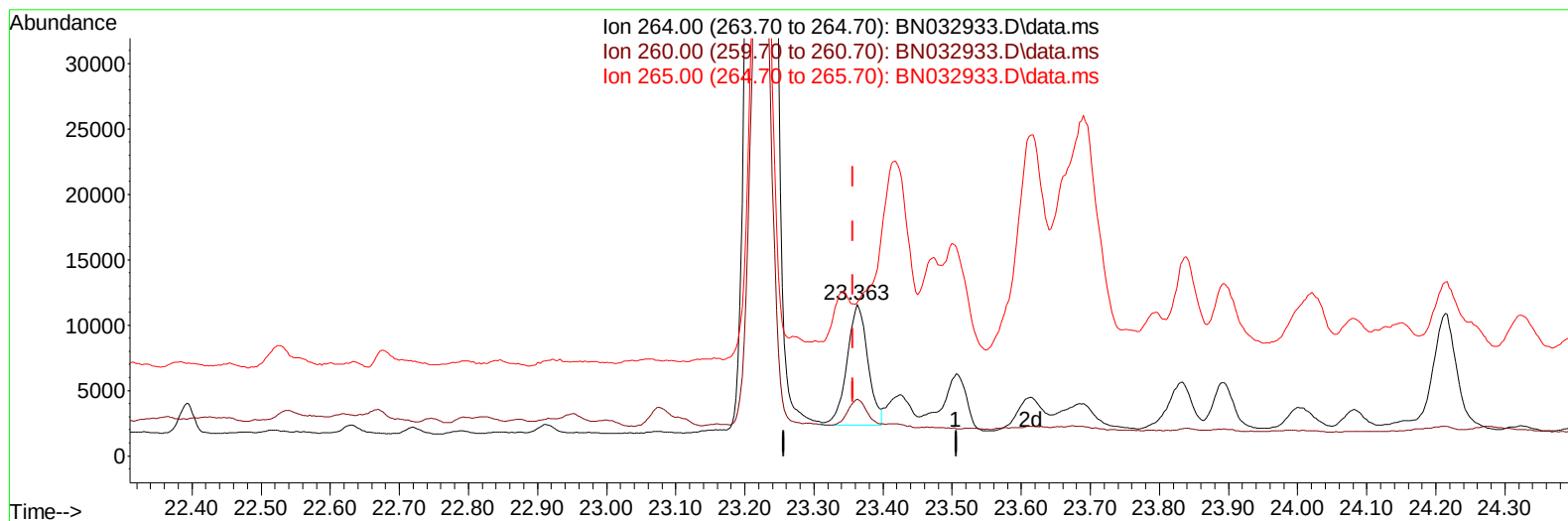
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032933.D
 Acq On : 24 Jul 2024 05:09
 Operator : MA/JU
 Sample : P3215-14
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D31

Manual IntegrationsAPPROVED

Quant Time: Jul 24 05:40:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 20 01:52:15 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/26/2024



TIC: BN032933.D\data.ms

(23) Perylene-d12 (I)

23.363min (+ 0.006) 0.40 ng/ul m

response 19285

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	37.39#
265.00	95.50	101.08
0.00	0.00	0.00

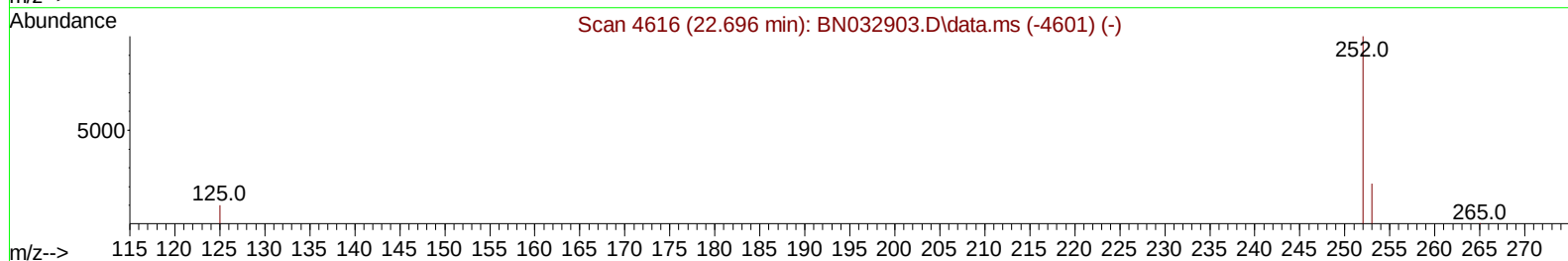
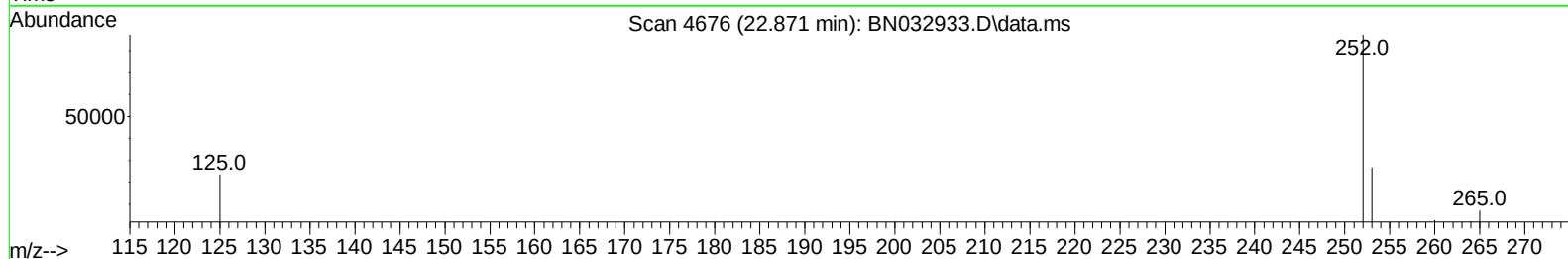
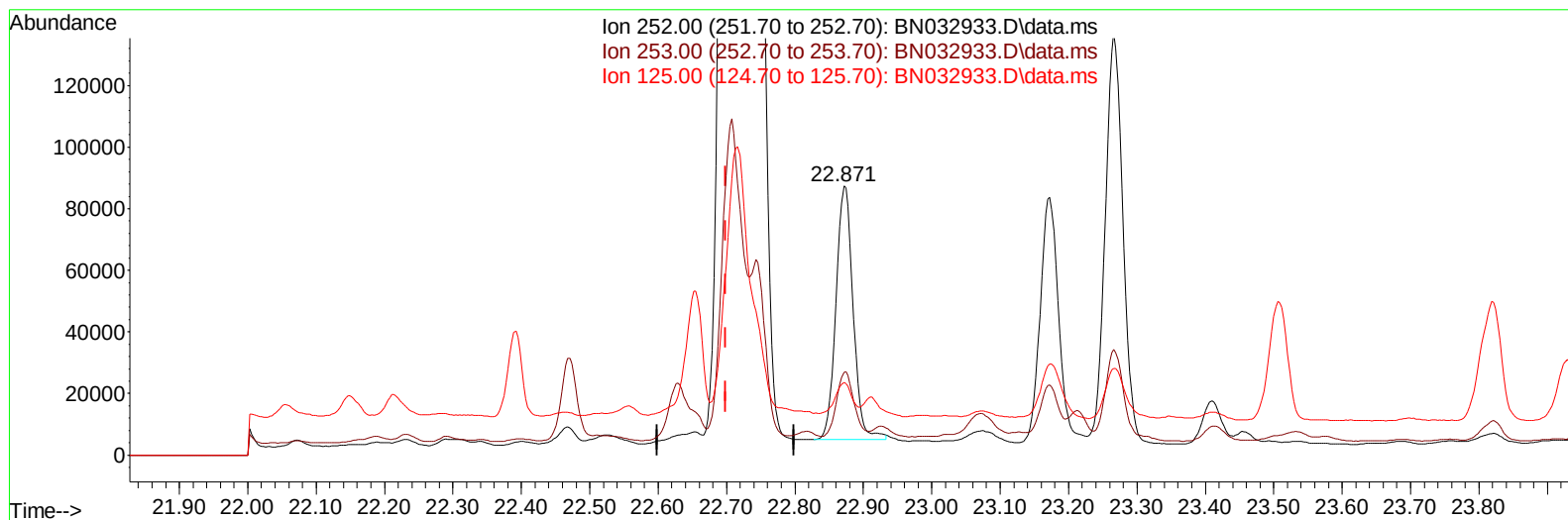
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032933.D
Acq On : 24 Jul 2024 05:09
Operator : MA/JU
Sample : P3215-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D31

Manual IntegrationsAPPROVED

Quant Time: Jul 24 05:40:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

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Supervised By :mohammad ahmed 07/26/2024



TIC: BN032933.D\data.ms

(24) Benzo(b)fluoranthene

22.871min (+ 0.172) 2.11 ng/u1

response 143255

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	30.68
125.00	18.00	26.94
0.00	0.00	0.00

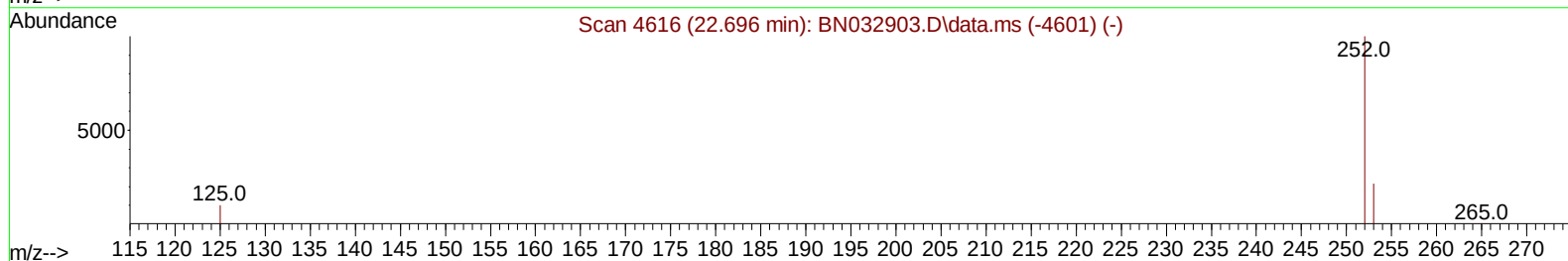
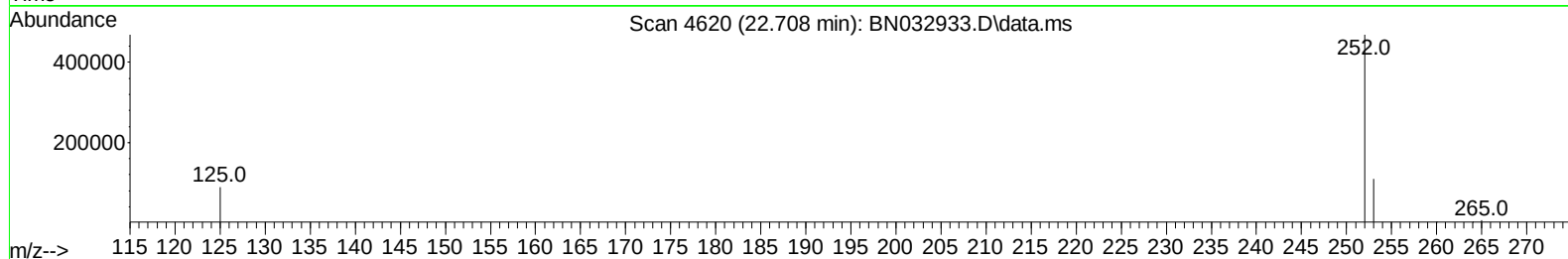
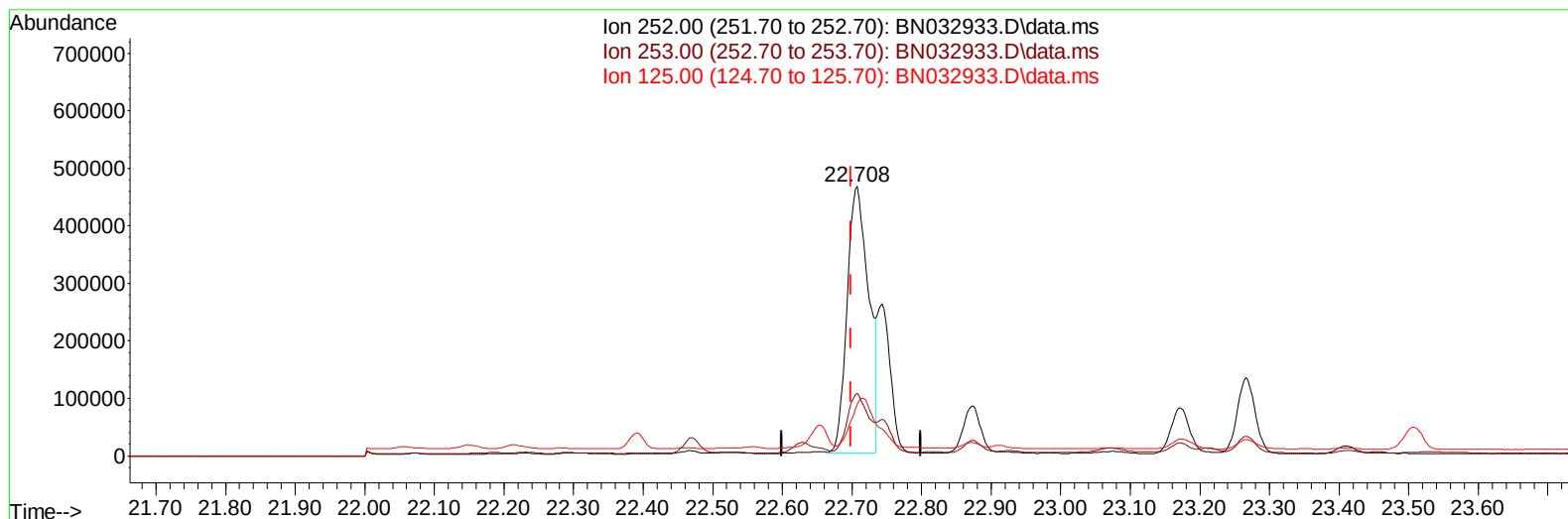
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032933.D
Acq On : 24 Jul 2024 05:09
Operator : MA/JU
Sample : P3215-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D31

Manual IntegrationsAPPROVED

Quant Time: Jul 24 05:40:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

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TIC: BN032933.D\data.ms

(24) Benzo(b)fluoranthene

22.708min (+ 0.009) 14.69 ng/ul m

response 999618

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	23.33
125.00	18.00	19.15
0.00	0.00	0.00

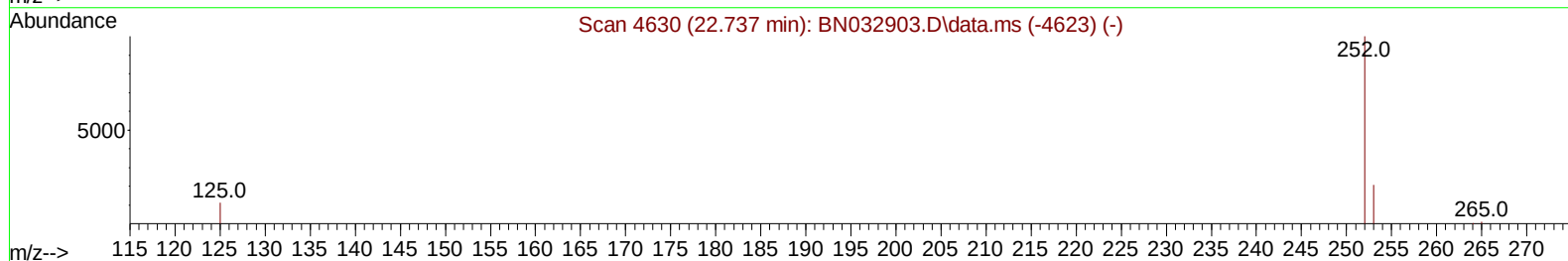
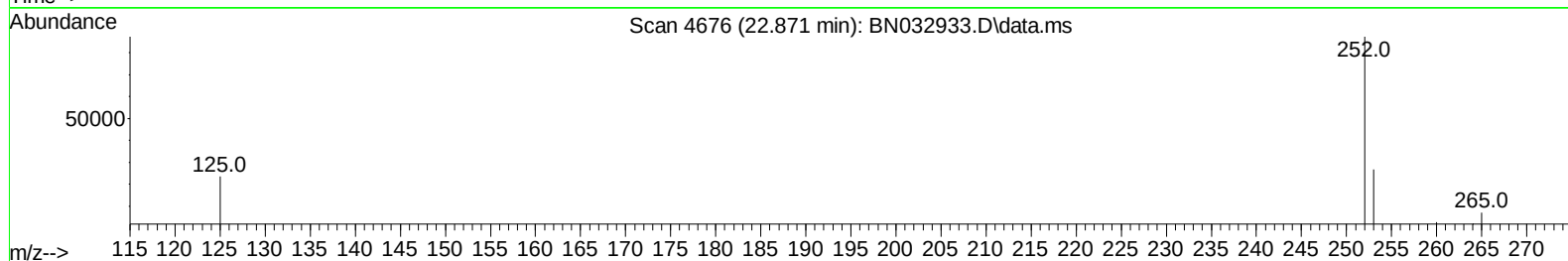
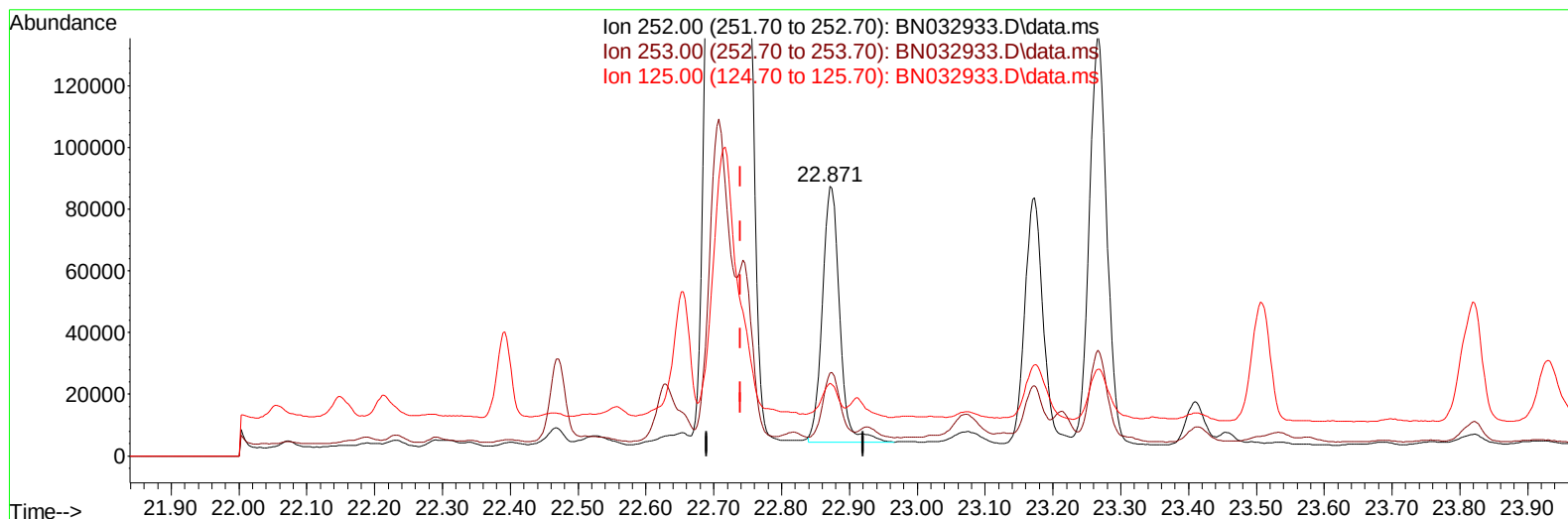
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032933.D
Acq On : 24 Jul 2024 05:09
Operator : MA/JU
Sample : P3215-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D31

Manual IntegrationsAPPROVED

Quant Time: Jul 24 05:40:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032933.D\data.ms

(25) Benzo(k)fluoranthene

22.871min (+ 0.131) 1.77 ng/u1

response 147041

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	30.68
125.00	18.50	26.94#
0.00	0.00	0.00

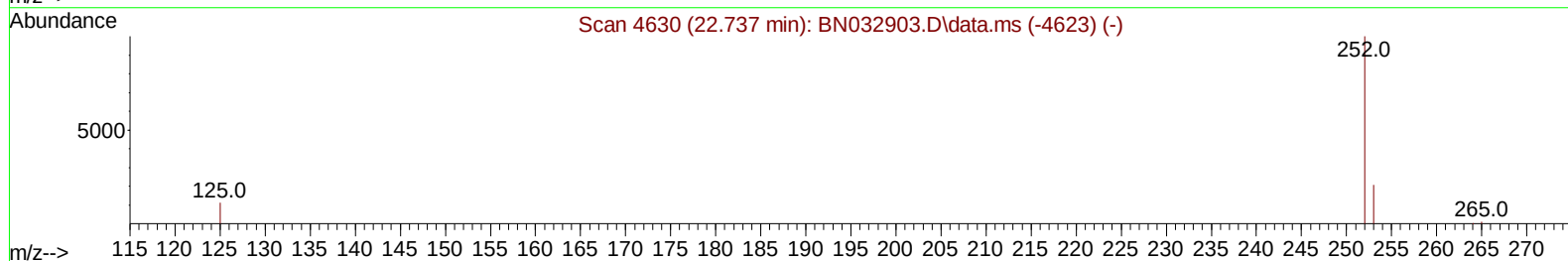
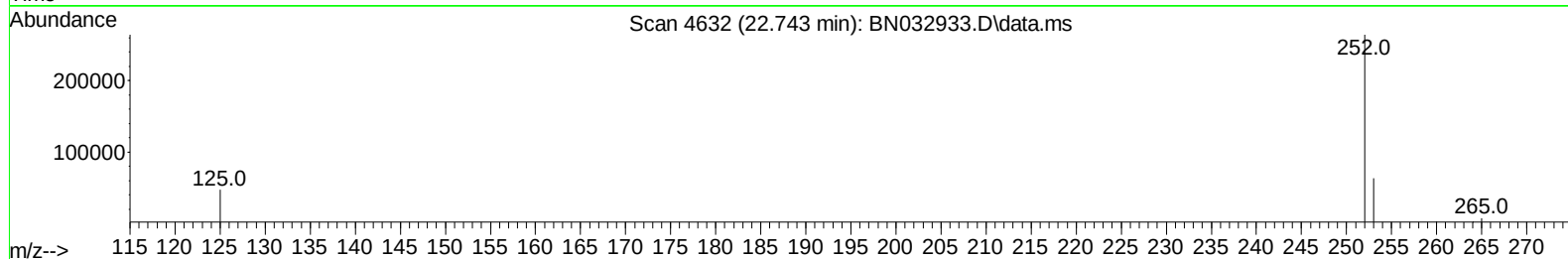
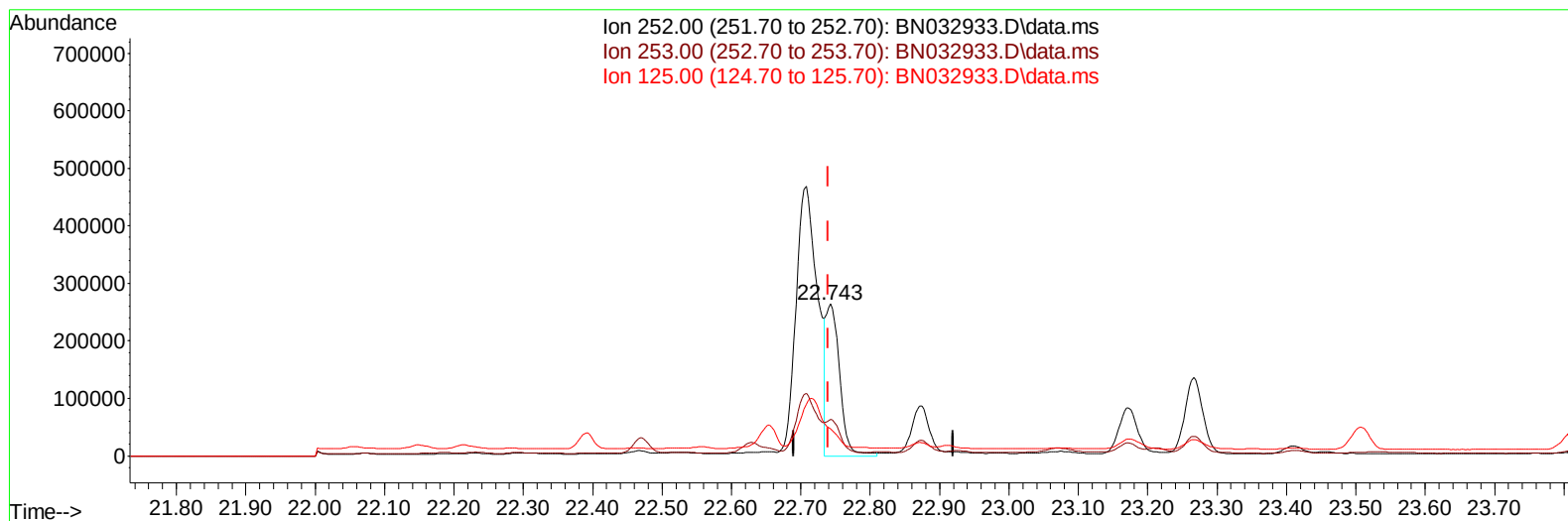
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032933.D
Acq On : 24 Jul 2024 05:09
Operator : MA/JU
Sample : P3215-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D31

Manual IntegrationsAPPROVED

Quant Time: Jul 24 05:40:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
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TIC: BN032933.D\data.ms

(25) Benzo(k)fluoranthene

22.743min (+ 0.003) 4.32 ng/ul m

response 358566

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	24.05
125.00	18.50	17.73
0.00	0.00	0.00

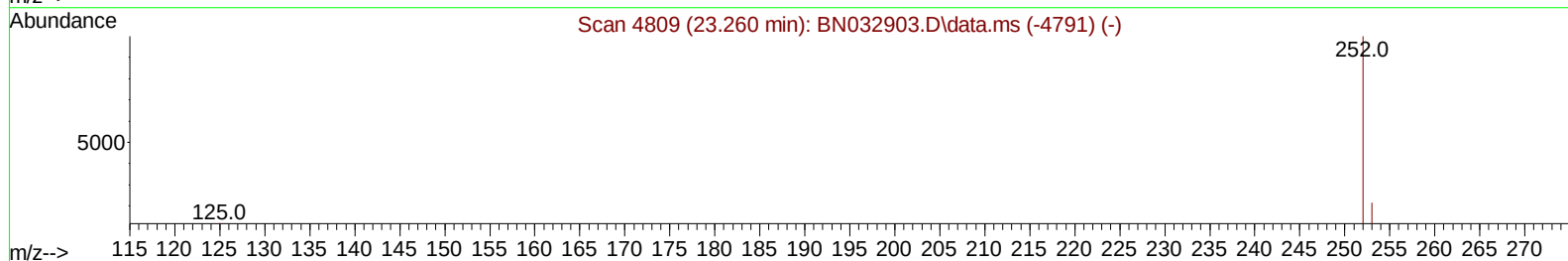
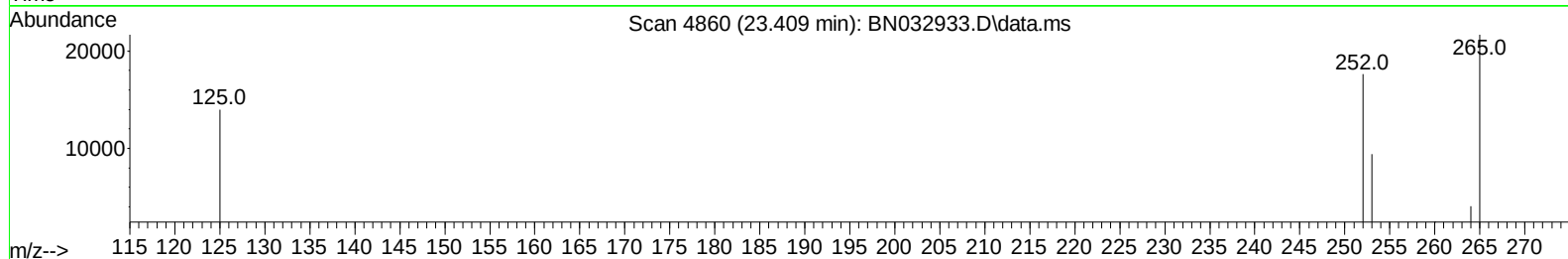
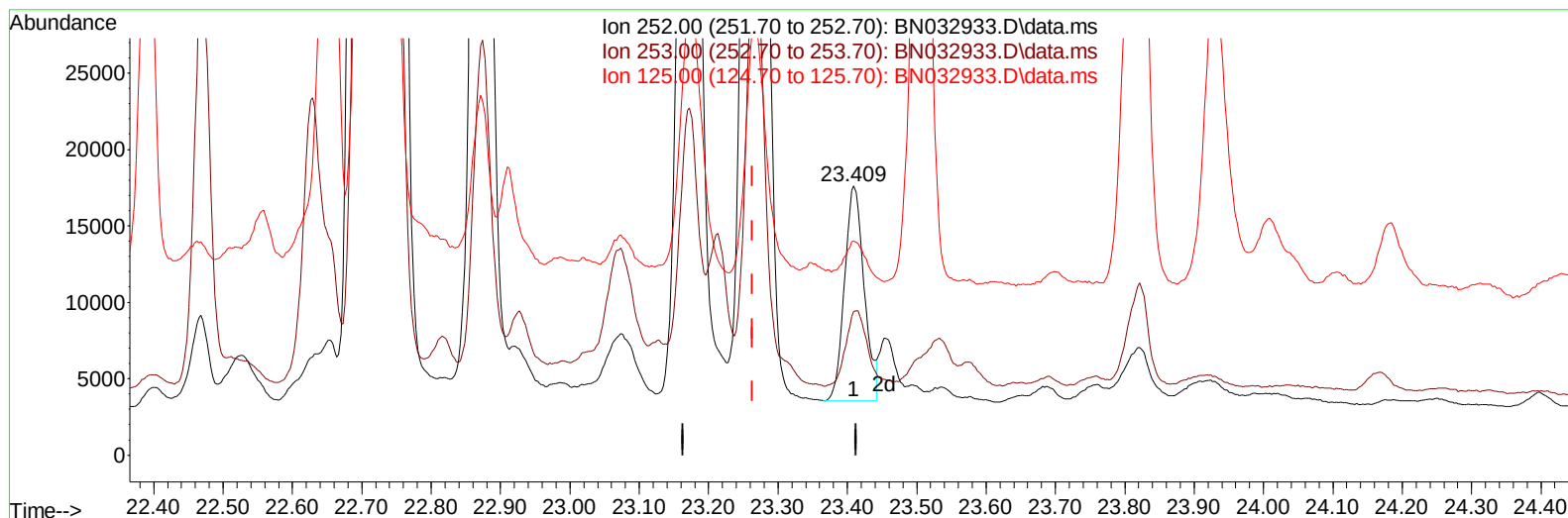
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032933.D
Acq On : 24 Jul 2024 05:09
Operator : MA/JU
Sample : P3215-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D31

Manual IntegrationsAPPROVED

Quant Time: Jul 24 05:40:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032933.D\data.ms

(26) Benzo(a)pyrene (C)

23.409min (+ 0.146) 0.47 ng/u1

response 27591

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	53.49#
125.00	25.70	79.59#
0.00	0.00	0.00

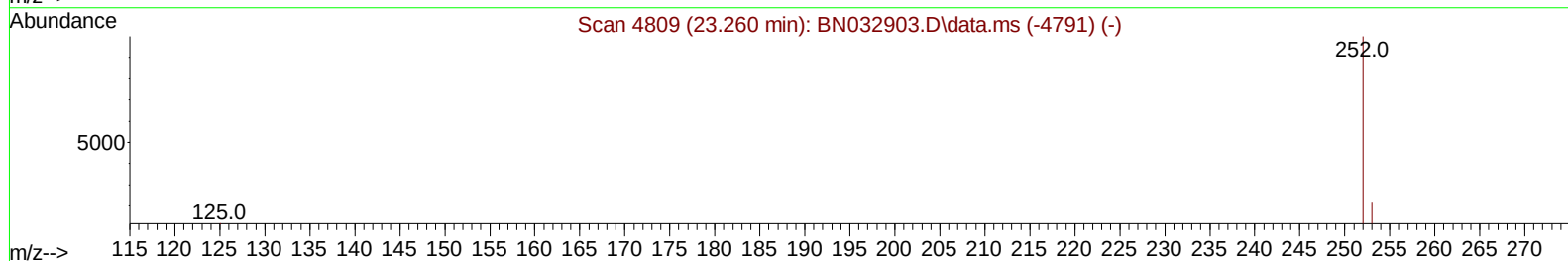
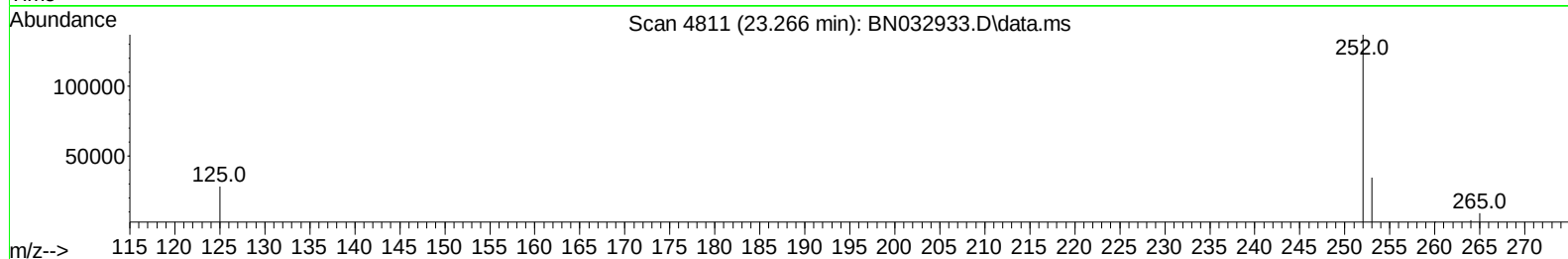
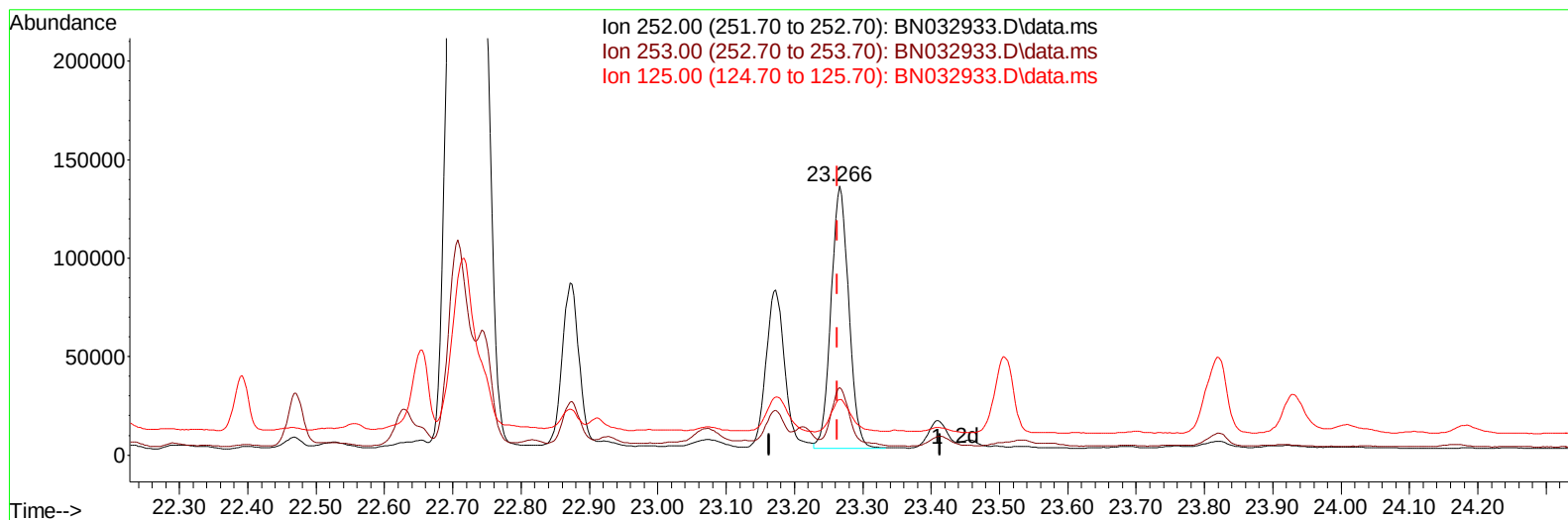
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032933.D
Acq On : 24 Jul 2024 05:09
Operator : MA/JU
Sample : P3215-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D31

Manual IntegrationsAPPROVED

Quant Time: Jul 24 05:40:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032933.D\data.ms

(26) Benzo(a)pyrene (C)

23.266min (+ 0.003) 4.09 ng/ul m

response 240898

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	25.12#
125.00	25.70	20.62
0.00	0.00	0.00

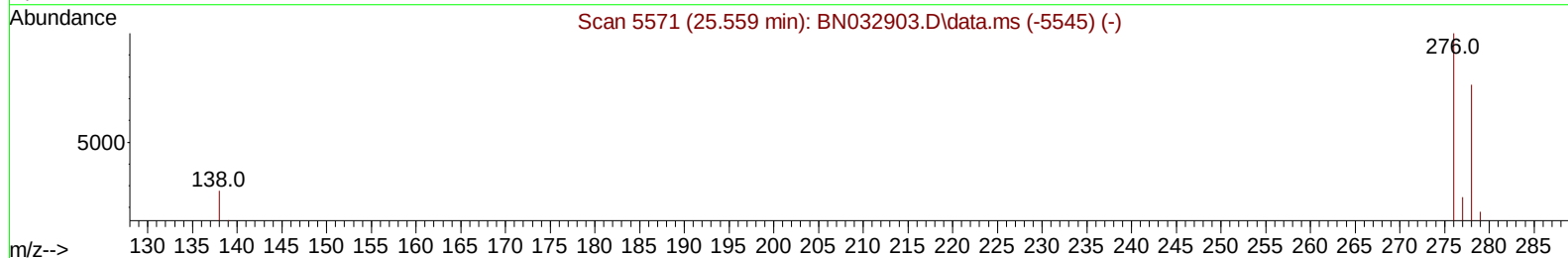
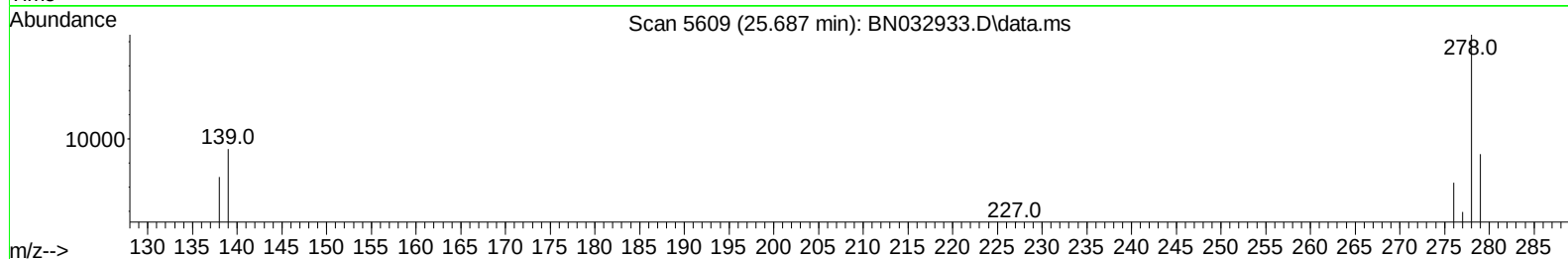
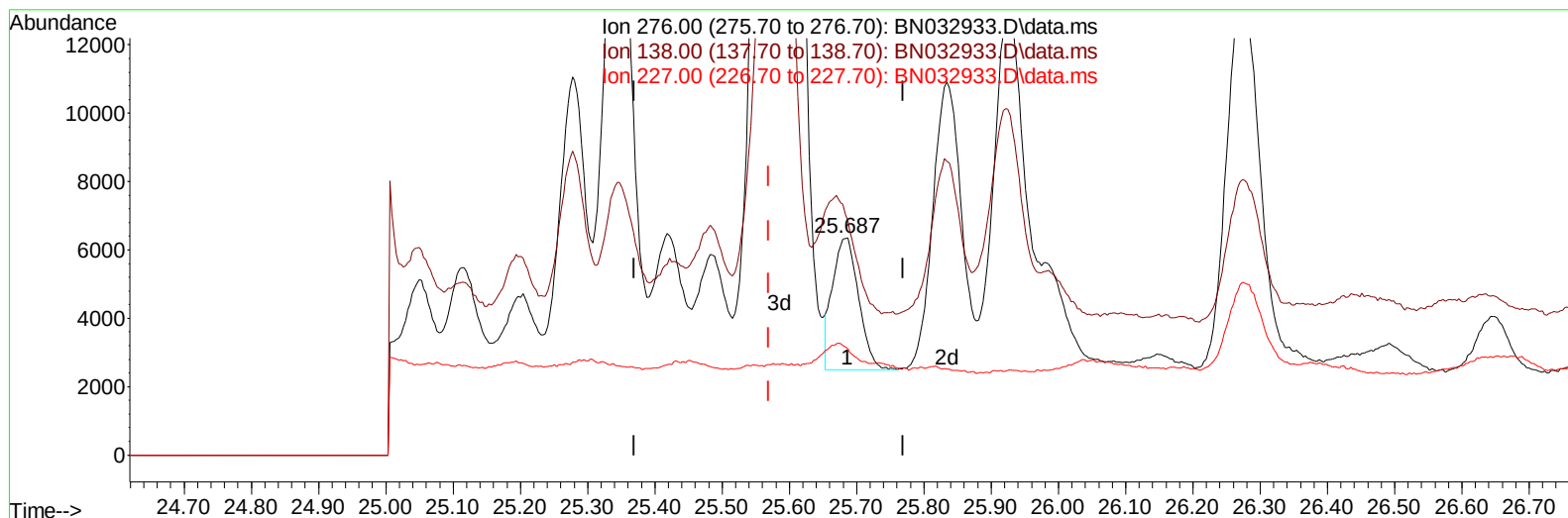
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032933.D
Acq On : 24 Jul 2024 05:09
Operator : MA/JU
Sample : P3215-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D31

Manual IntegrationsAPPROVED

Quant Time: Jul 24 05:40:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032933.D\data.ms

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

25.687min (+ 0.117) 0.13 ng/u1

response 10345

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	102.73#
227.00	0.00	29.66#
0.00	0.00	0.00

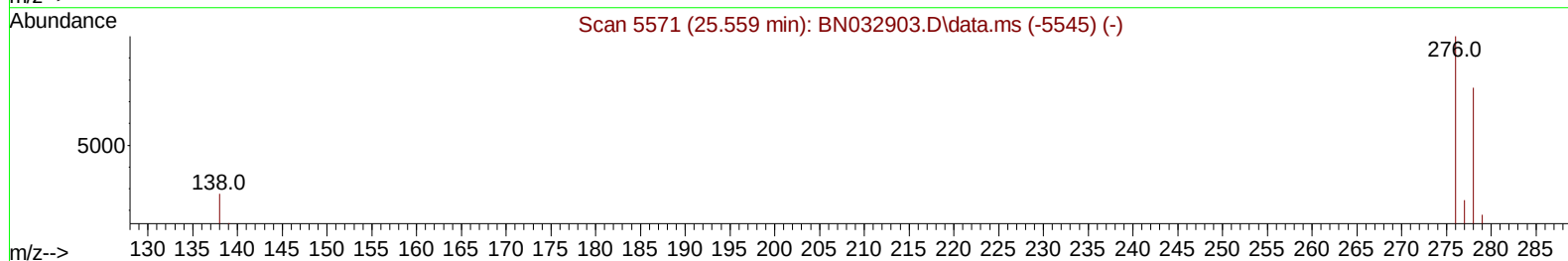
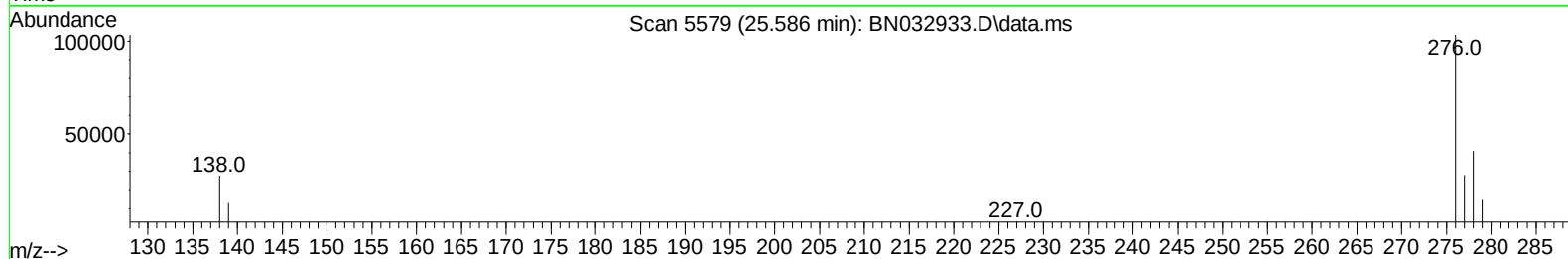
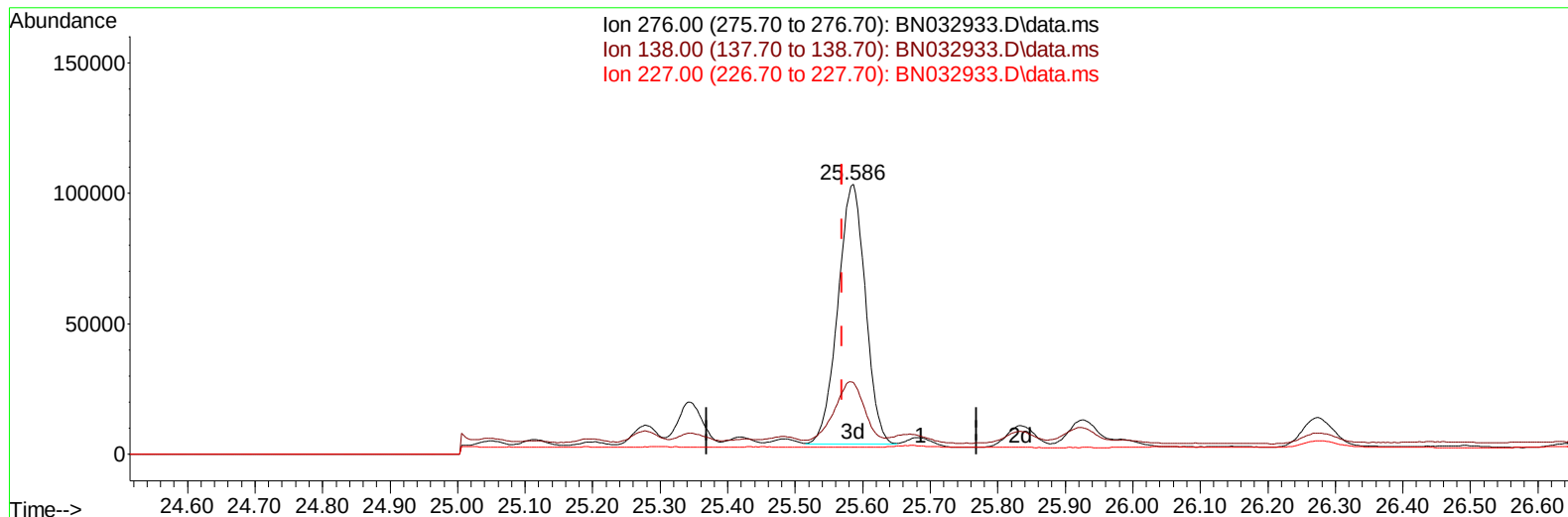
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032933.D
Acq On : 24 Jul 2024 05:09
Operator : MA/JU
Sample : P3215-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D31

Manual IntegrationsAPPROVED

Quant Time: Jul 24 05:40:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032933.D\data.ms

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

25.586min (+ 0.017) 3.56 ng/ul m

response 283476

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	3.75#
227.00	0.00	1.08#
0.00	0.00	0.00

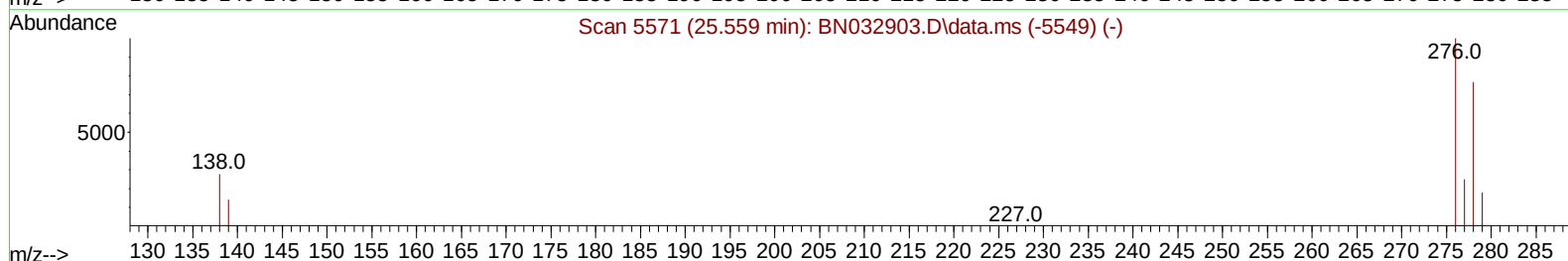
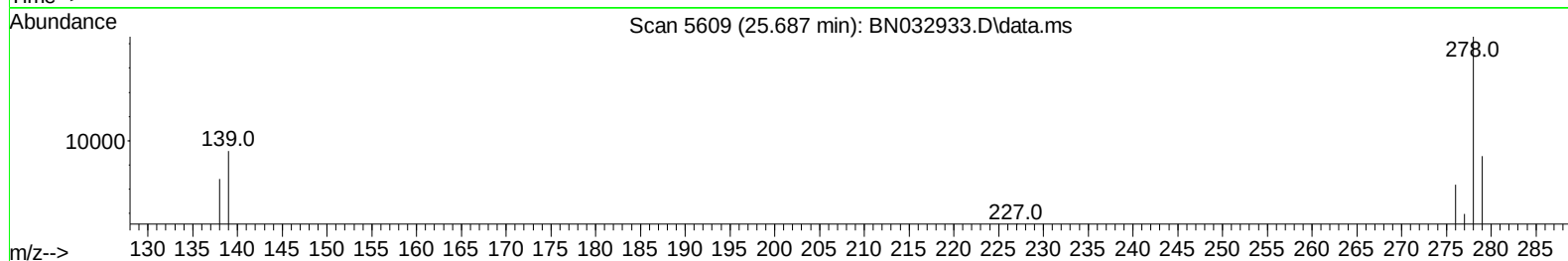
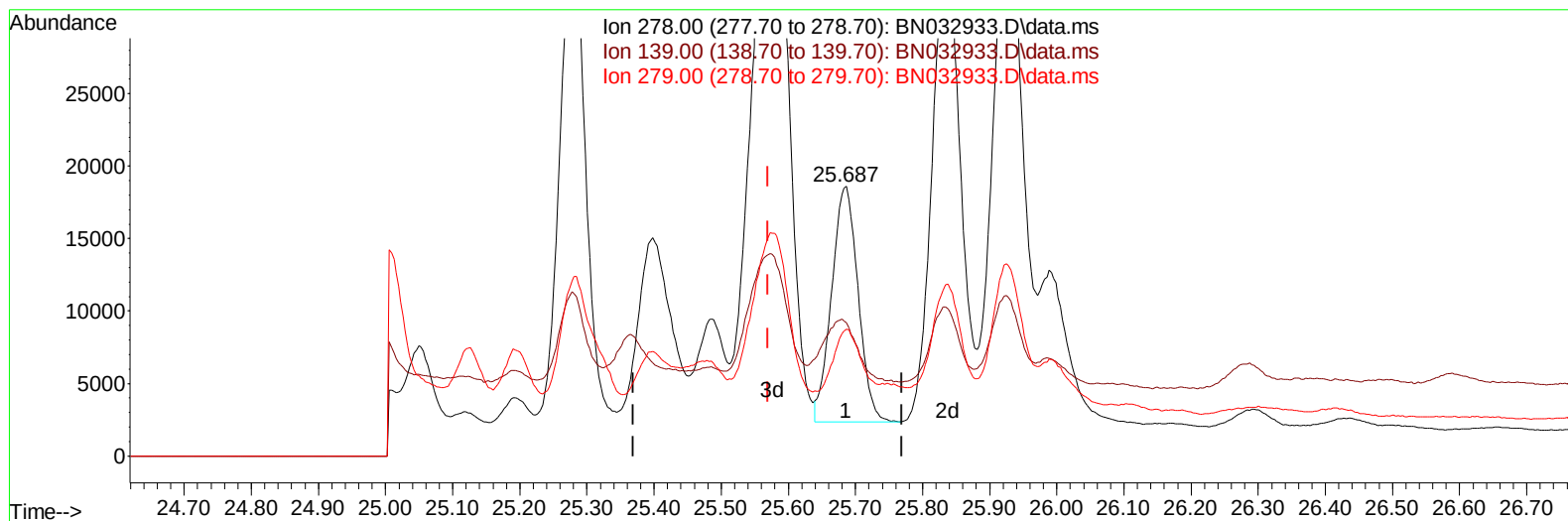
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032933.D
Acq On : 24 Jul 2024 05:09
Operator : MA/JU
Sample : P3215-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D31

Manual IntegrationsAPPROVED

Quant Time: Jul 24 05:40:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
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Reviewed By :Jagrut Upadhyay 07/24/2024
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TIC: BN032933.D\data.ms

(28) Dibenzo(a,h)anthracene

25.687min (+ 0.117) 0.72 ng/u1

response 44536

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	49.35#
279.00	29.60	47.04#
0.00	0.00	0.00

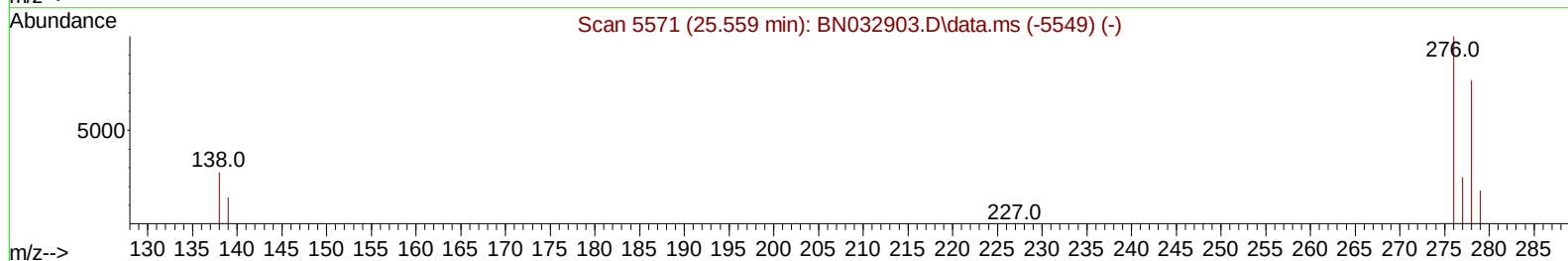
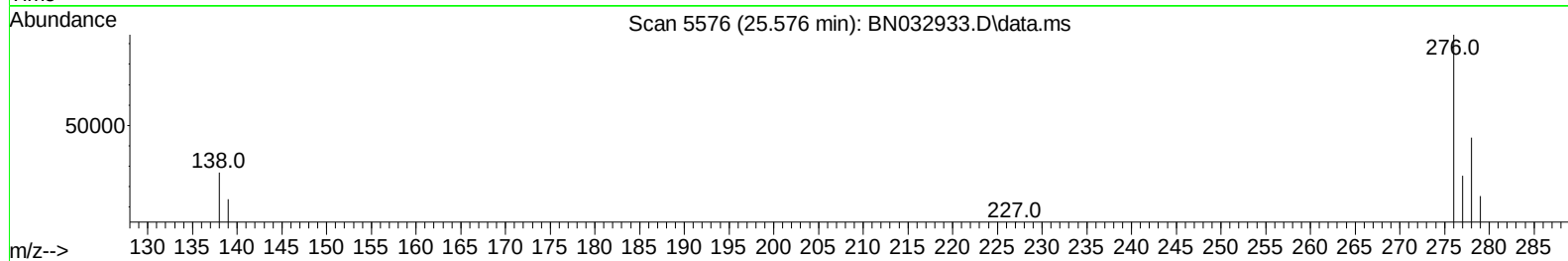
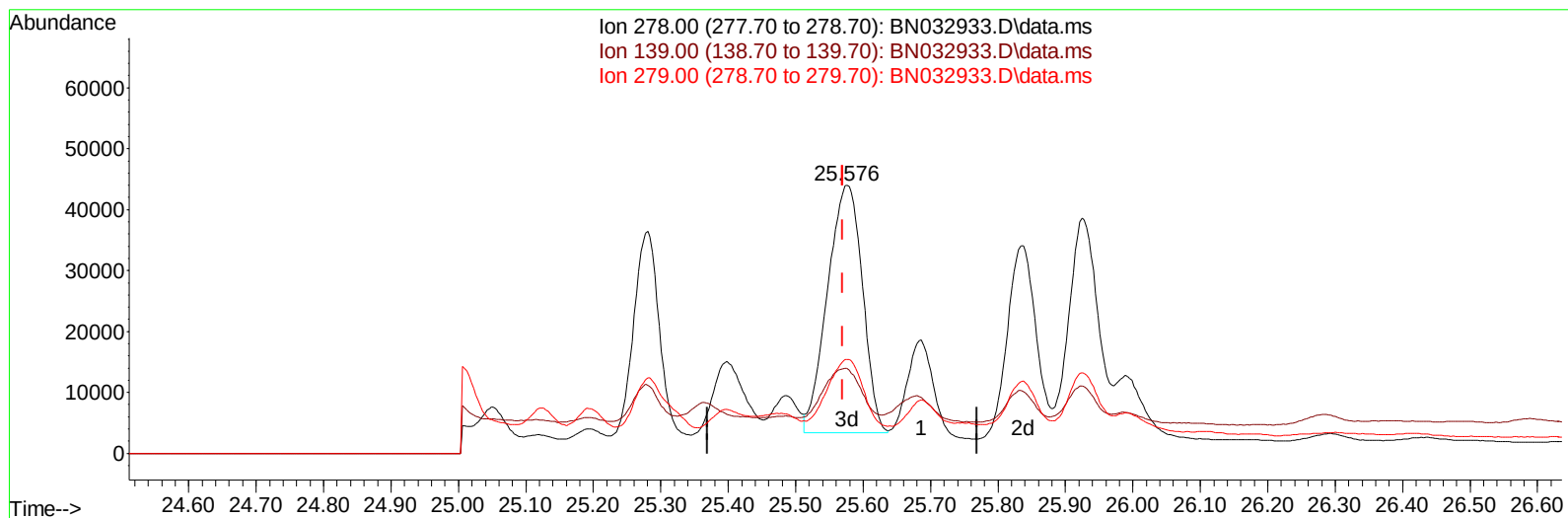
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032933.D
Acq On : 24 Jul 2024 05:09
Operator : MA/JU
Sample : P3215-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D31

Manual IntegrationsAPPROVED

Quant Time: Jul 24 05:40:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032933.D\data.ms

(28) Dibenzo(a,h)anthracene

25.576min (+ 0.007) 2.37 ng/ul m

response 146392

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	31.66#
279.00	29.60	34.96
0.00	0.00	0.00

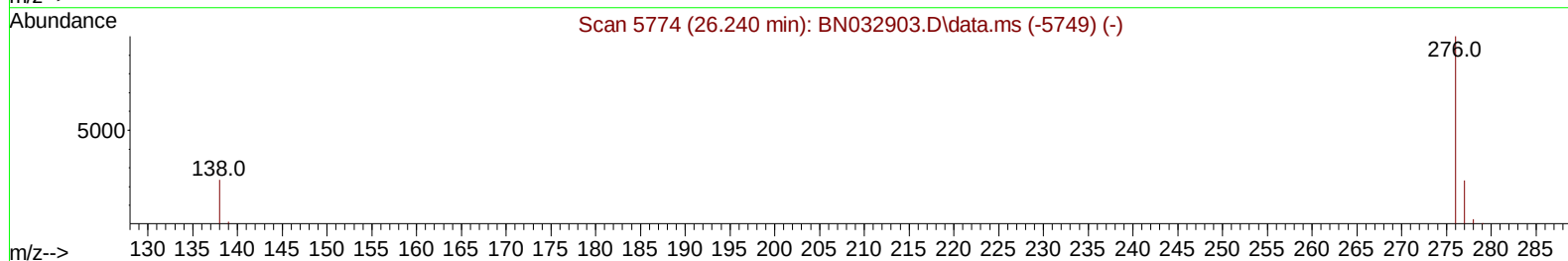
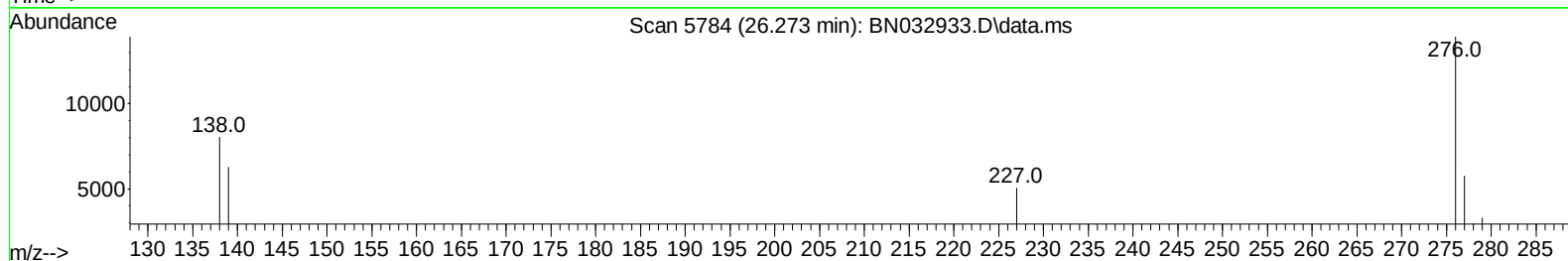
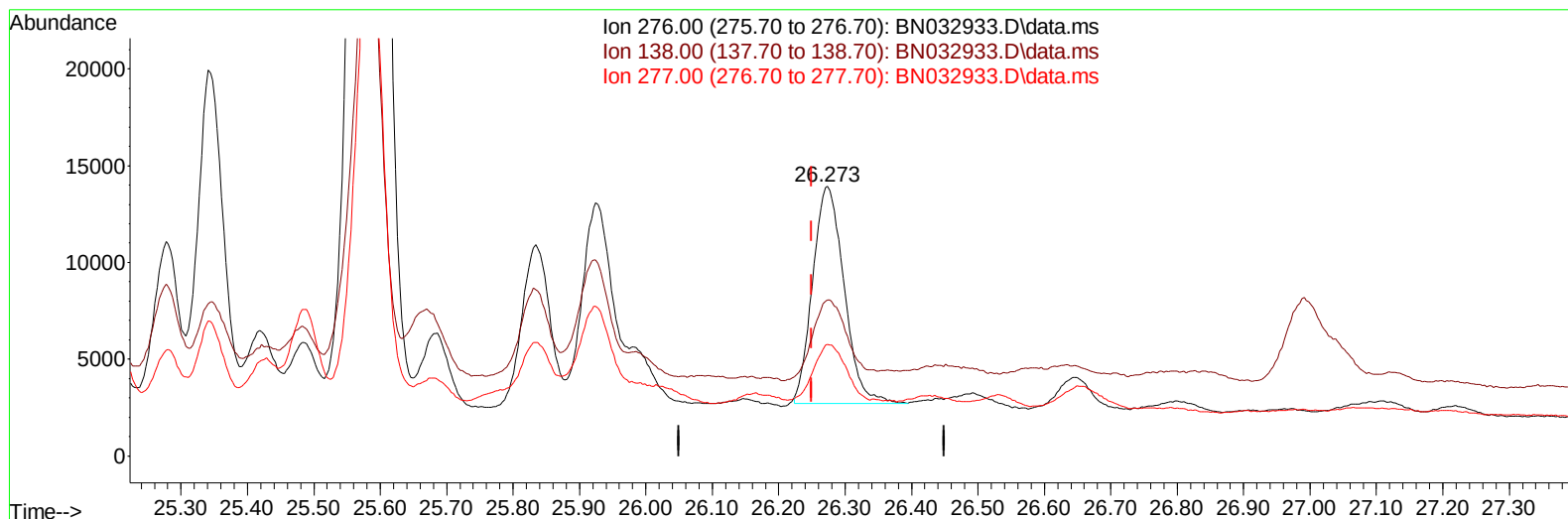
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032933.D
Acq On : 24 Jul 2024 05:09
Operator : MA/JU
Sample : P3215-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D31

Manual IntegrationsAPPROVED

Quant Time: Jul 24 05:40:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BN032933.D\data.ms

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

26.273min (+ 0.023) 0.55 ng/u1

response 36900

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	57.85#
277.00	25.80	41.31#
0.00	0.00	0.00

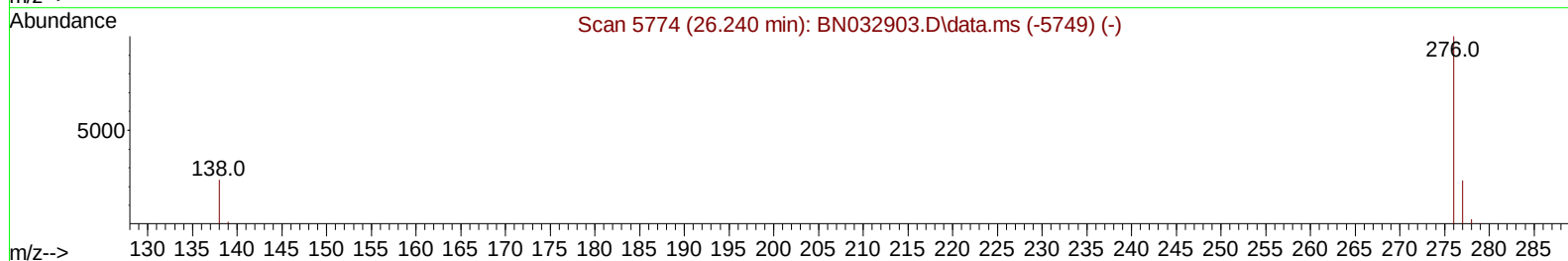
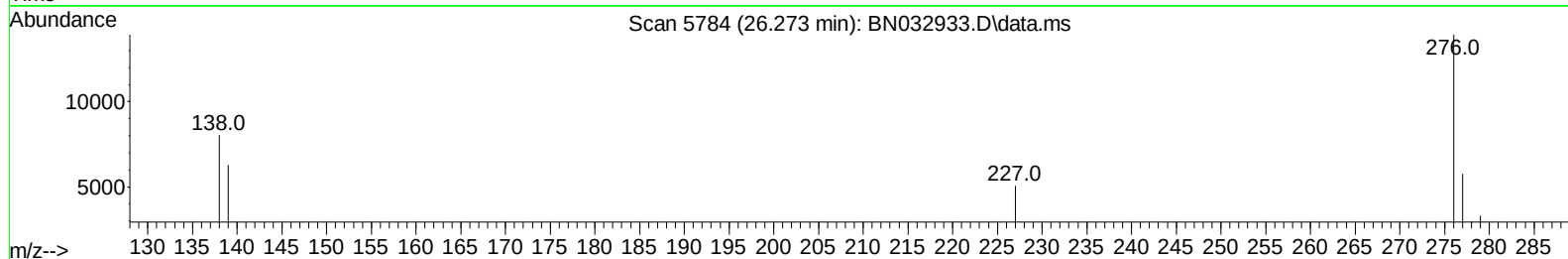
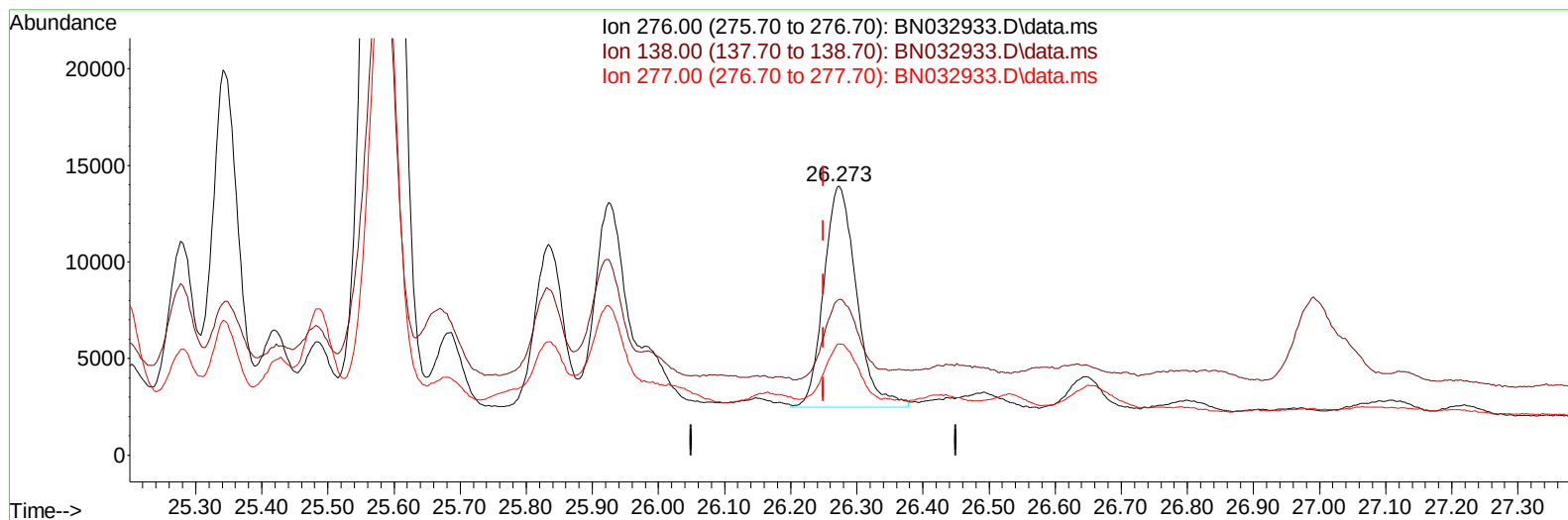
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032933.D
Acq On : 24 Jul 2024 05:09
Operator : MA/JU
Sample : P3215-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D31

Manual IntegrationsAPPROVED

Quant Time: Jul 24 05:40:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
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TIC: BN032933.D\data.ms

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

26.273min (+ 0.023) 0.59 ng/ul m

response 39294

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	57.85#
277.00	25.80	41.31#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032933.D
 Acq On : 24 Jul 2024 05:09
 Operator : MA/JU
 Sample : P3215-14
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D31

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/26/2024

Quant Time: Jul 24 05:40:39 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 20 01:52:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.519	152	5216	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.294	136	18233	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.175	164	12037	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.940	188	18391m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.162	240	13641m	0.400	ng/ul	0.00
23) Perylene-d12	23.363	264	19285m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.085	96	23489	3.750	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.894	152	7170	0.260	ng/ul	-0.03
18) Fluoranthene-d10	18.985	212	10691m	0.240	ng/ul	-0.01
Target Compounds						
						Qvalue
5) Naphthalene	10.338	128	92506	1.889	ng/ul	97
7) 2-Methylnaphthalene	11.966	142	81311	2.660	ng/ul	97
8) 1-Methylnaphthalene	12.191	142	76295	2.414	ng/ul	99
10) Acenaphthylene	13.897	152	116455	2.395	ng/ul	99
11) Acenaphthene	14.239	153	21998	0.547	ng/ul	99
12) Fluorene	15.239	166	27901	0.607	ng/ul#	98
15) Phenanthrene	16.982	178	669635m	13.370	ng/ul	
16) Anthracene	17.075	178	138579m	3.387	ng/ul	
19) Fluoranthene	19.018	202	1349406m	24.331	ng/ul	
20) Pyrene	19.385	202	760987m	13.256	ng/ul	
21) Benzo(a)anthracene	21.144	228	612460m	14.105	ng/ul	
22) Chrysene	21.197	228	768035m	12.227	ng/ul	
24) Benzo(b)fluoranthene	22.708	252	999618m	14.691	ng/ul	
25) Benzo(k)fluoranthene	22.743	252	358566m	4.324	ng/ul	
26) Benzo(a)pyrene	23.266	252	240898m	4.091	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.586	276	283476m	3.555	ng/ul	
28) Dibenzo(a,h)anthracene	25.576	278	146392m	2.369	ng/ul	
29) Benzo(g,h,i)perylene	26.273	276	39294m	0.590	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032933.D
Acq On : 24 Jul 2024 05:09
Operator : MA/JU
Sample : P3215-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D31

Manual IntegrationsAPPROVED

Quant Time: Jul 24 05:40:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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