

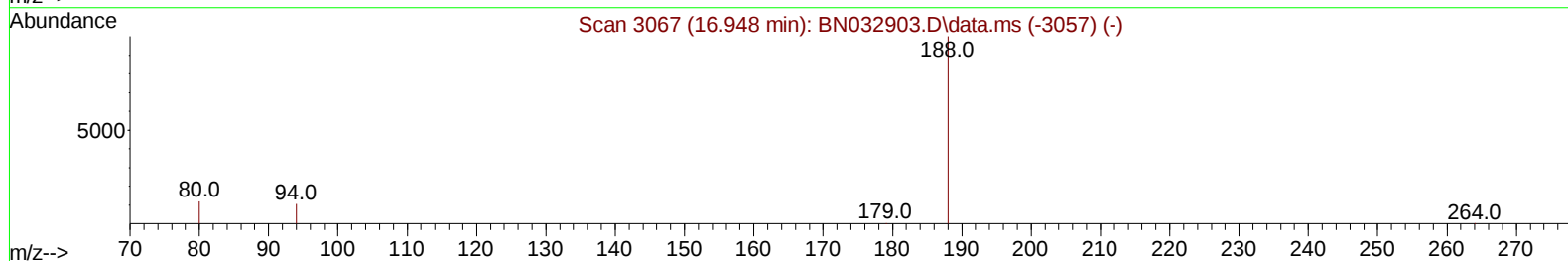
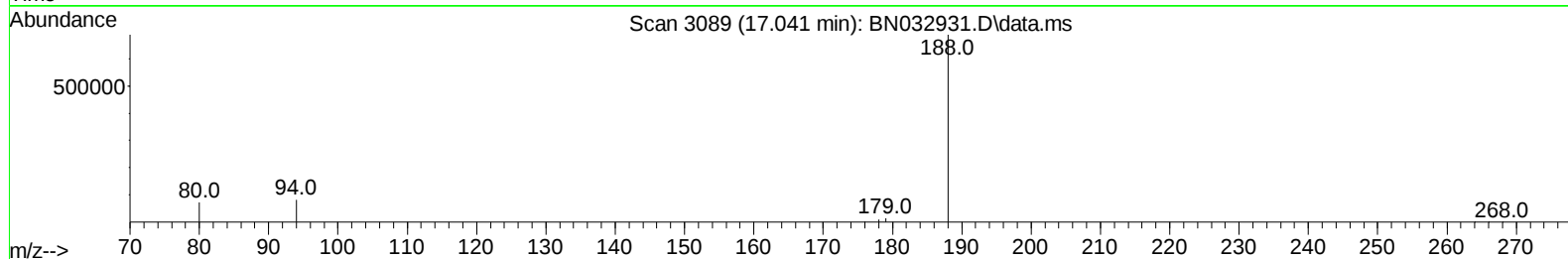
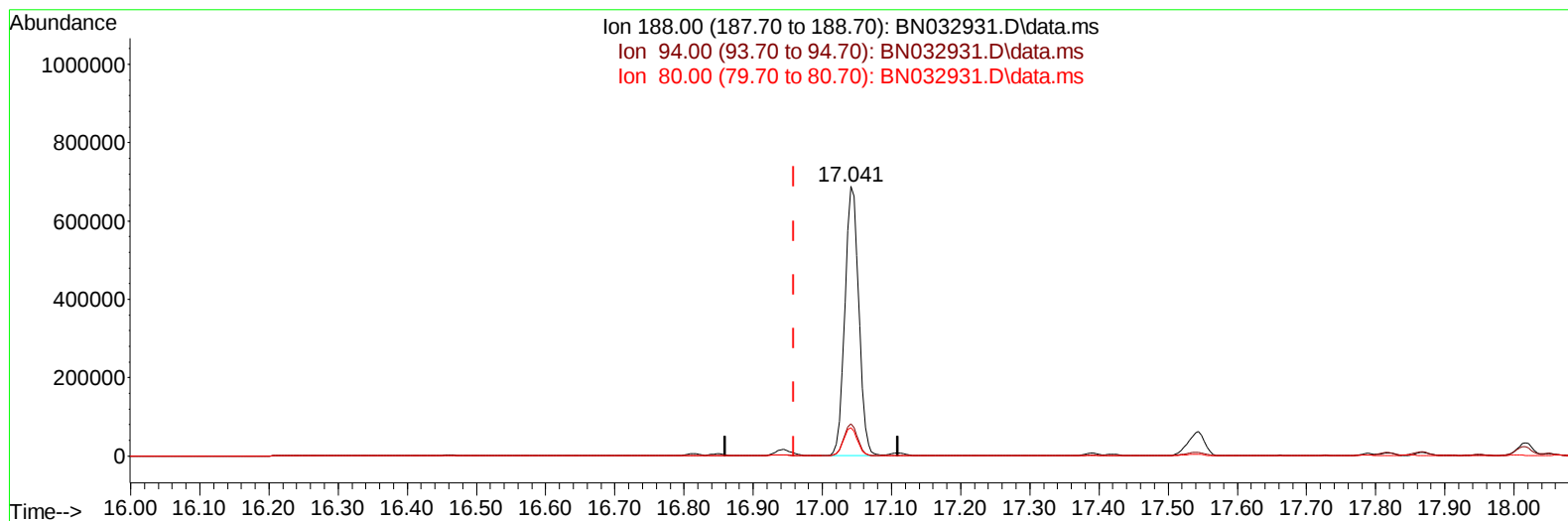
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032931.D
Acq On : 24 Jul 2024 03:57
Operator : MA/JU
Sample : P3215-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C08

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:26:43 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: BN032931.D\data.ms

(13) Phenanthrene-d10 (I)

17.041min (+ 0.082) 0.40 ng/u1

response 961909

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	11.93
80.00	12.00	10.61
0.00	0.00	0.00

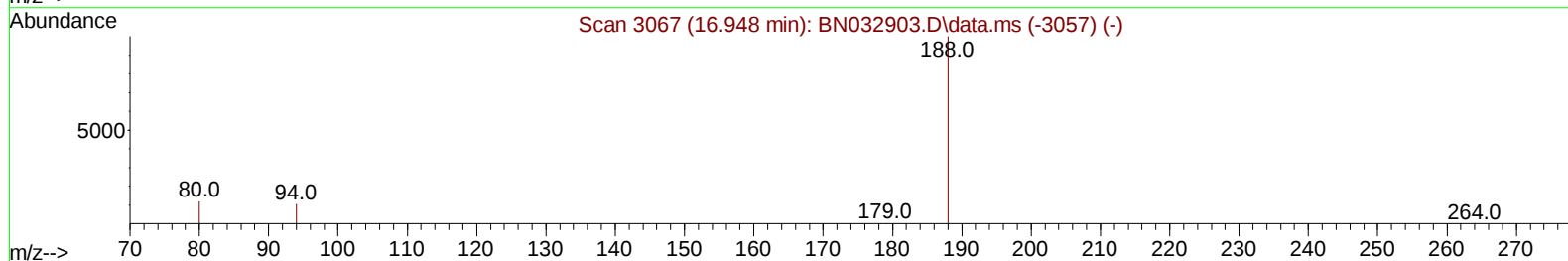
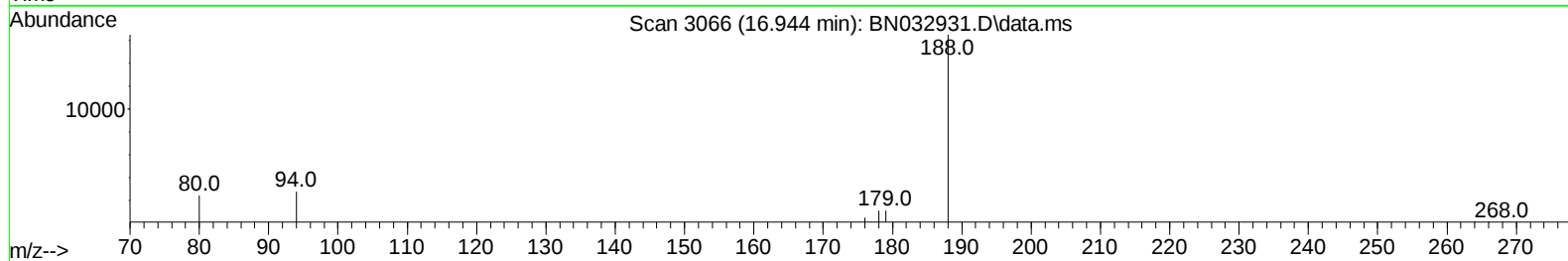
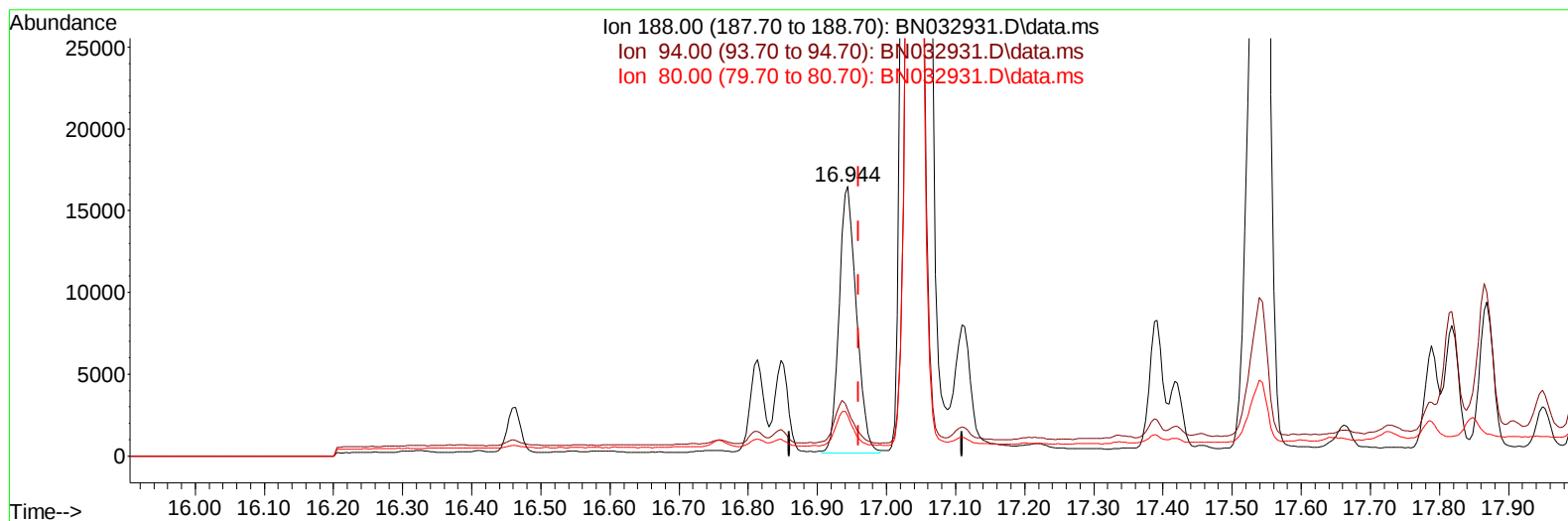
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032931.D
 Acq On : 24 Jul 2024 03:57
 Operator : MA/JU
 Sample : P3215-05
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C08

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:26:43 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: BN032931.D\data.ms

(13) Phenanthrene-d10 (I)

16.944min (-0.015) 0.40 ng/ul m

response 28416

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	17.06#
80.00	12.00	14.91#
0.00	0.00	0.00

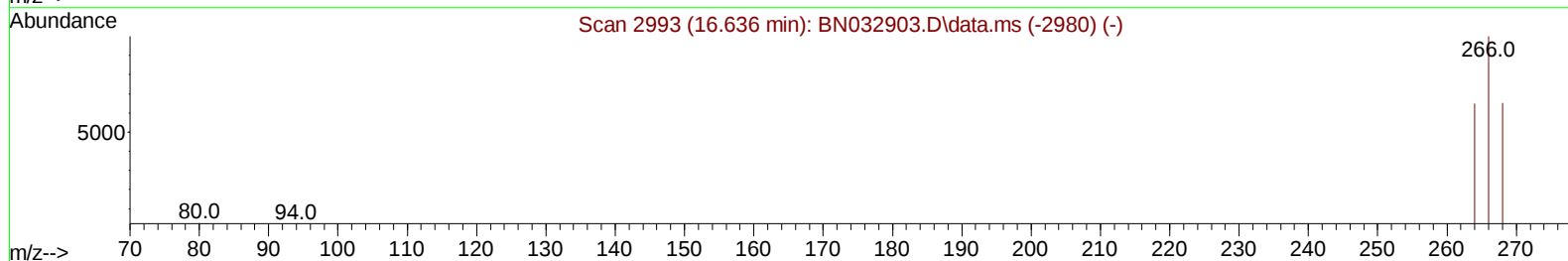
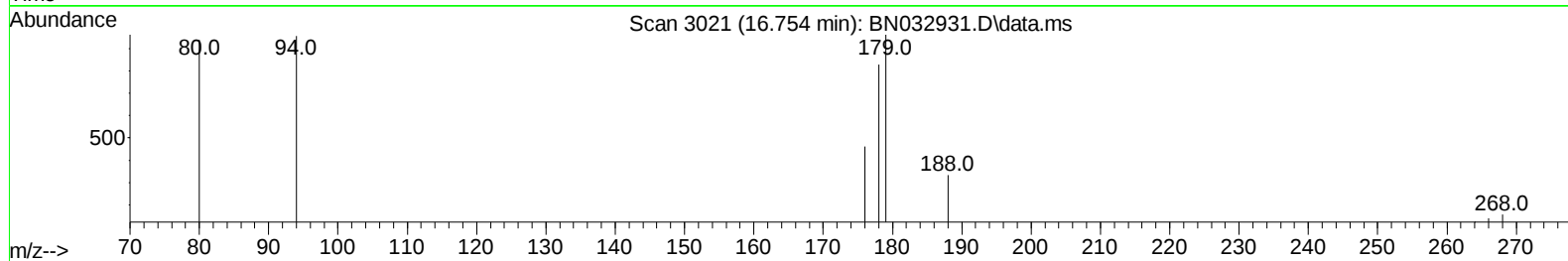
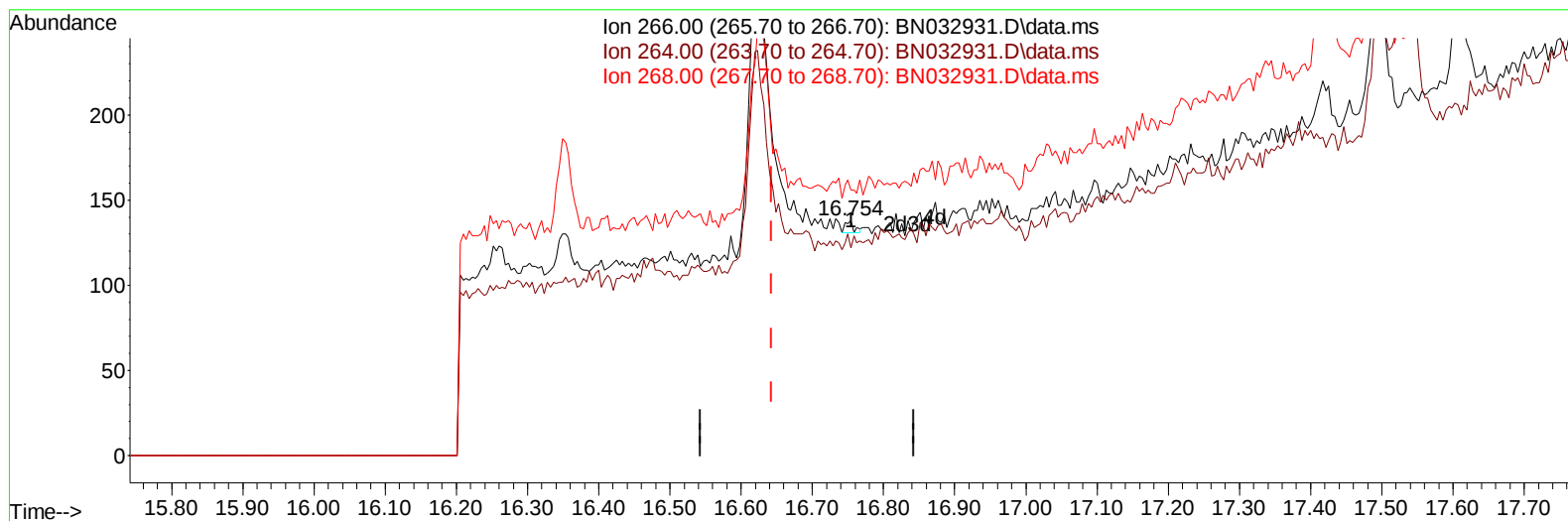
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032931.D
Acq On : 24 Jul 2024 03:57
Operator : MA/JU
Sample : P3215-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C08

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:26:43 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: BN032931.D\data.ms

(14) Pentachloropheno1

16.754min (+ 0.111) 0.00 ng/u1

response 6

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	61.80	66.67
268.00	64.50	133.33#
0.00	0.00	0.00

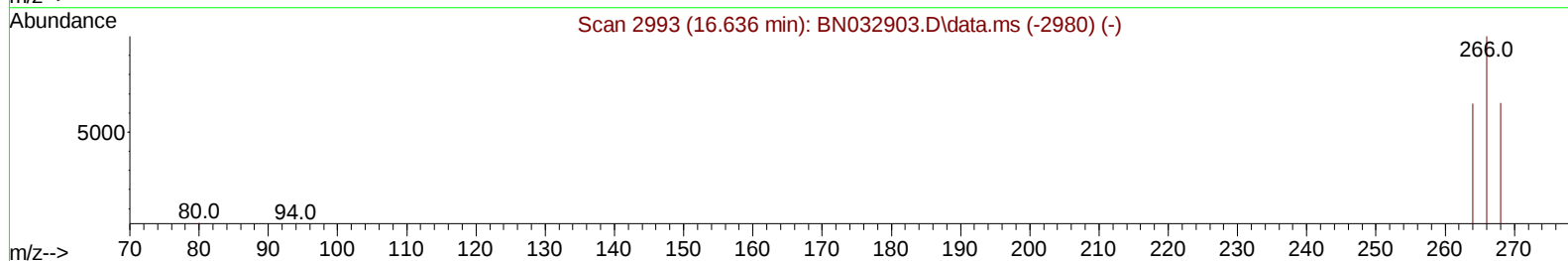
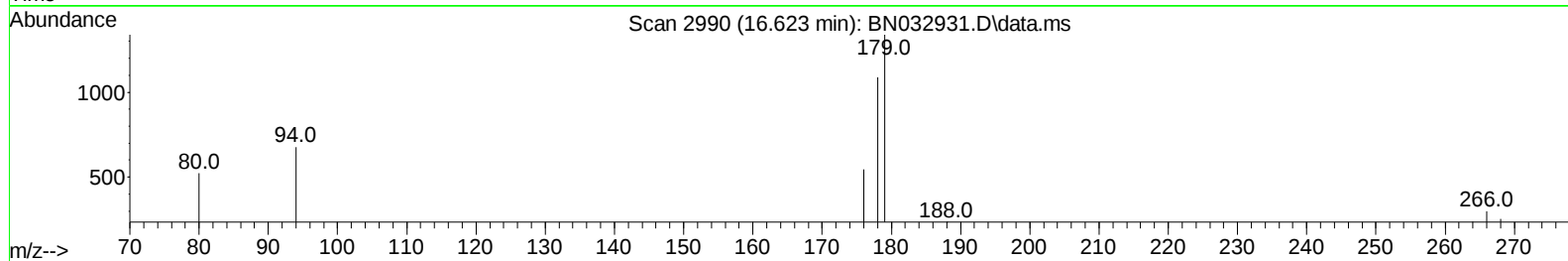
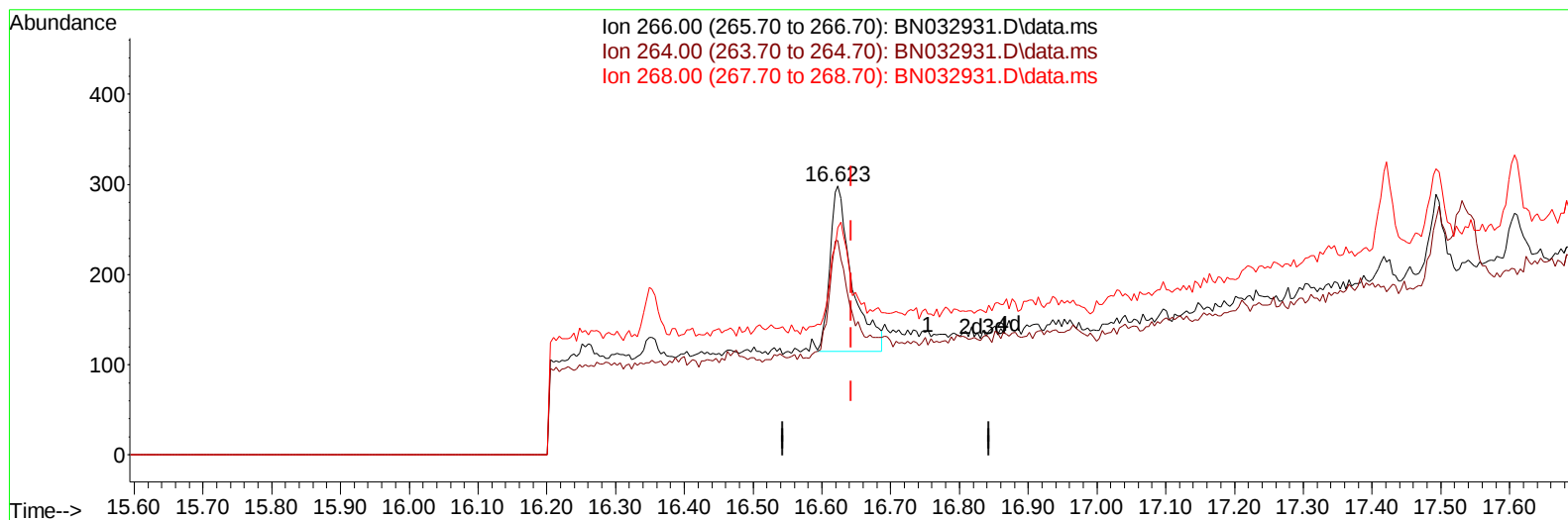
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032931.D
Acq On : 24 Jul 2024 03:57
Operator : MA/JU
Sample : P3215-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C08

Manual IntegrationsAPPROVED

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

Quant Time: Jul 24 04:26:43 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



TIC: BN032931.D\data.ms

(14) Pentachlorophenol

16.623min (-0.020) 0.08 ng/ul m

response 408

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	61.80	0.98#
268.00	64.50	1.96#
0.00	0.00	0.00

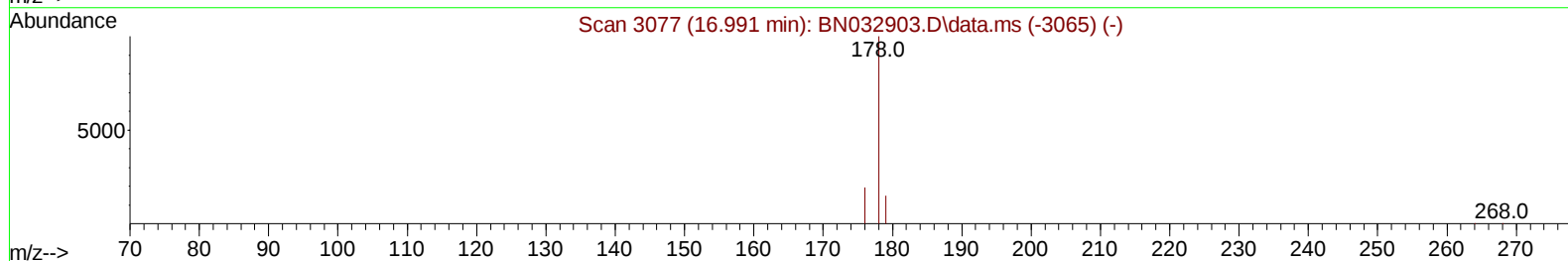
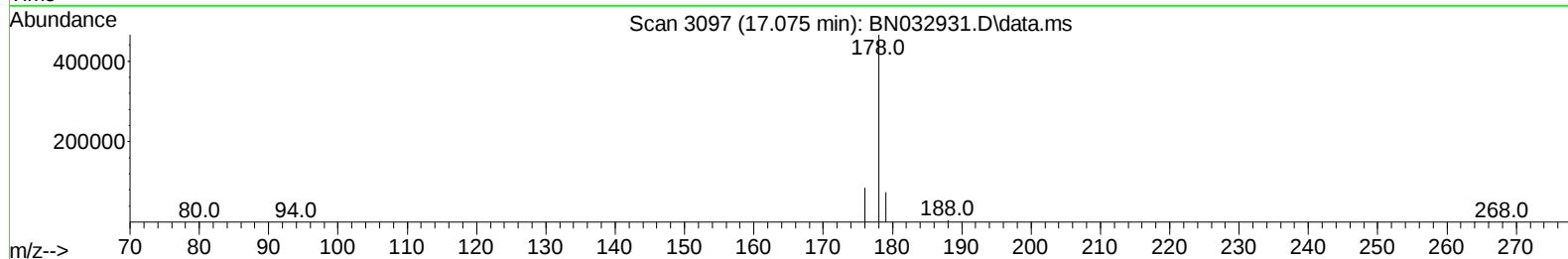
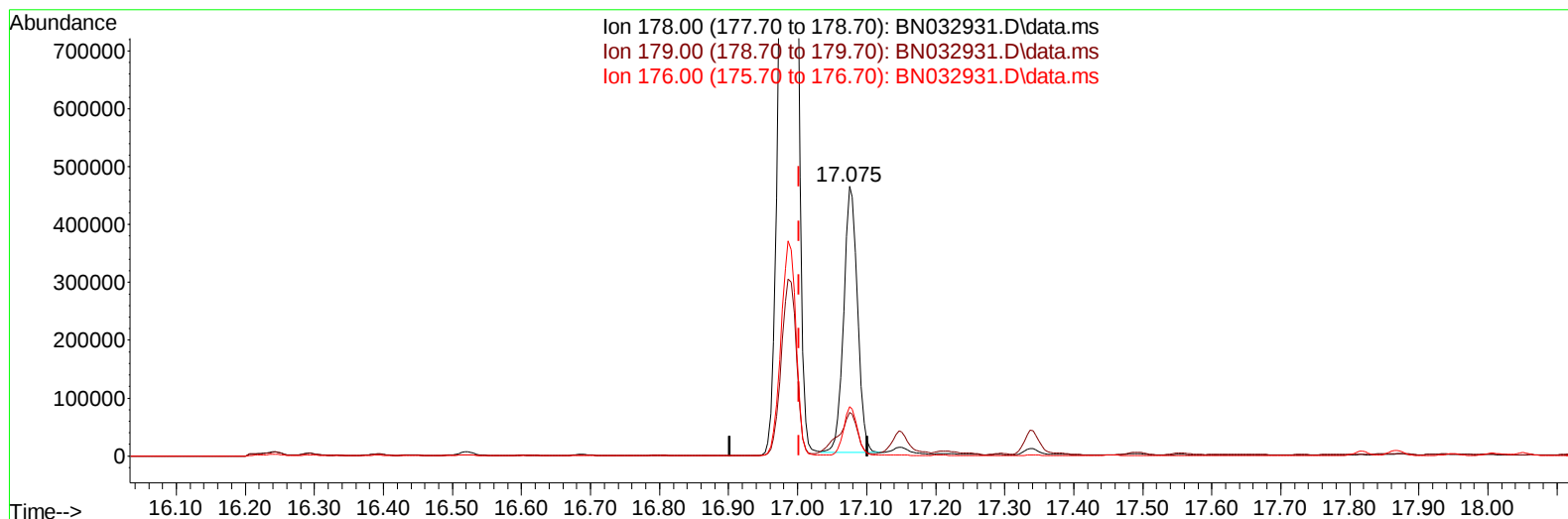
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032931.D
Acq On : 24 Jul 2024 03:57
Operator : MA/JU
Sample : P3215-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C08

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:26:43 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: BN032931.D\data.ms

(15) Phenanthrene

17.075min (+ 0.073) 8.20 ng/u1

response 634724

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	16.11
176.00	19.50	18.34
0.00	0.00	0.00

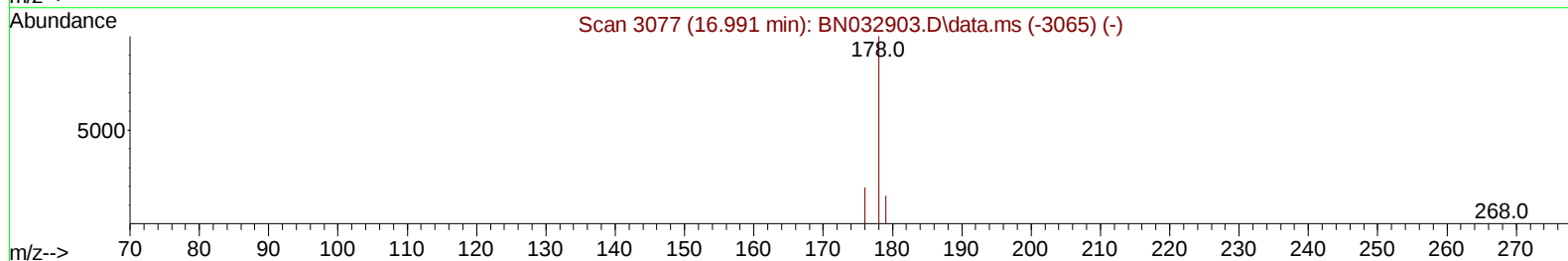
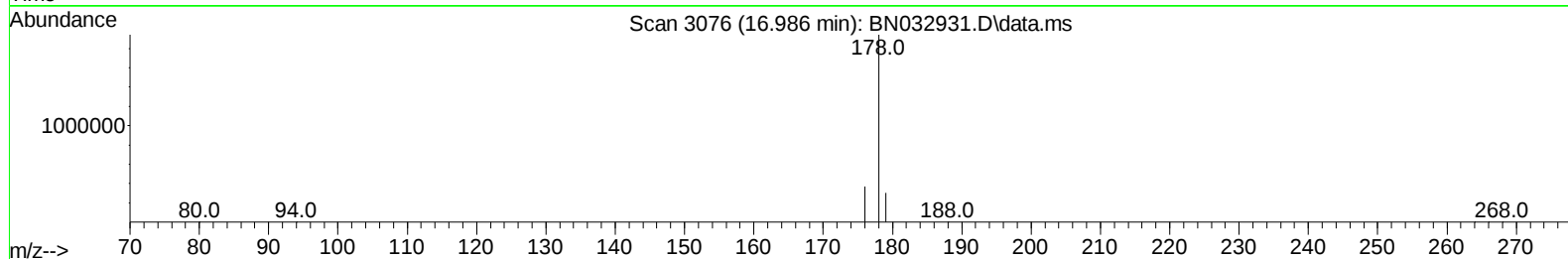
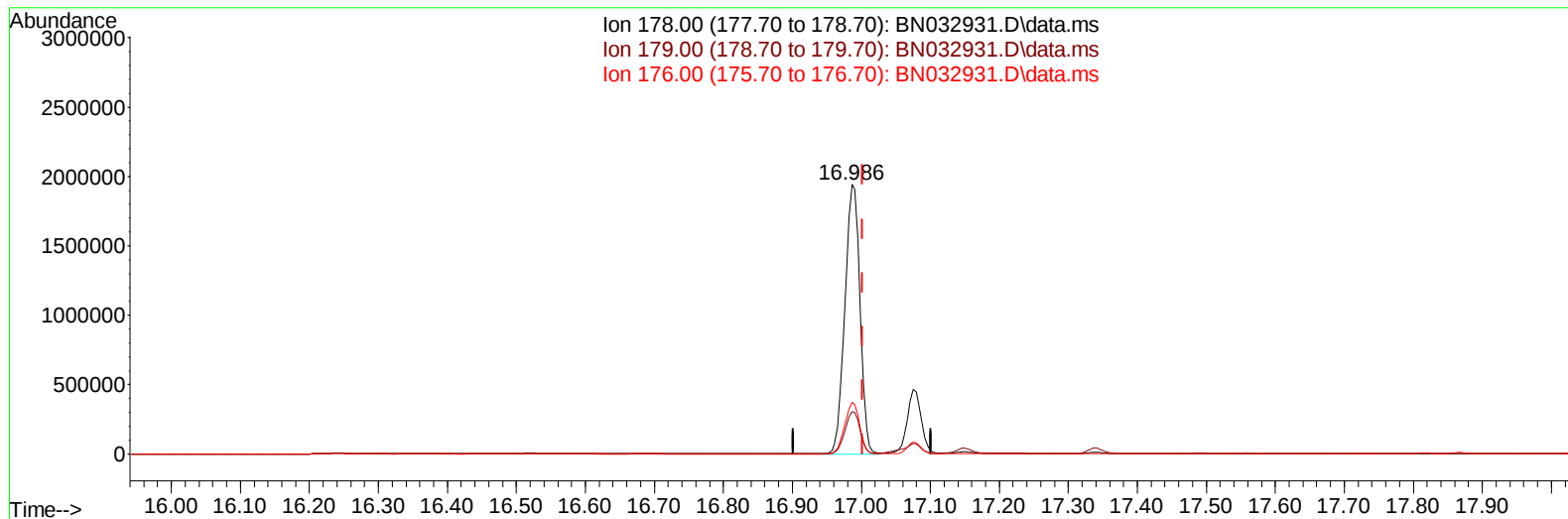
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032931.D
Acq On : 24 Jul 2024 03:57
Operator : MA/JU
Sample : P3215-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C08

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:26:43 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: BN032931.D\data.ms

(15) Phenanthrene

16.986min (-0.015) 38.49 ng/ul m

response 2979008

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.75
176.00	19.50	19.13
0.00	0.00	0.00

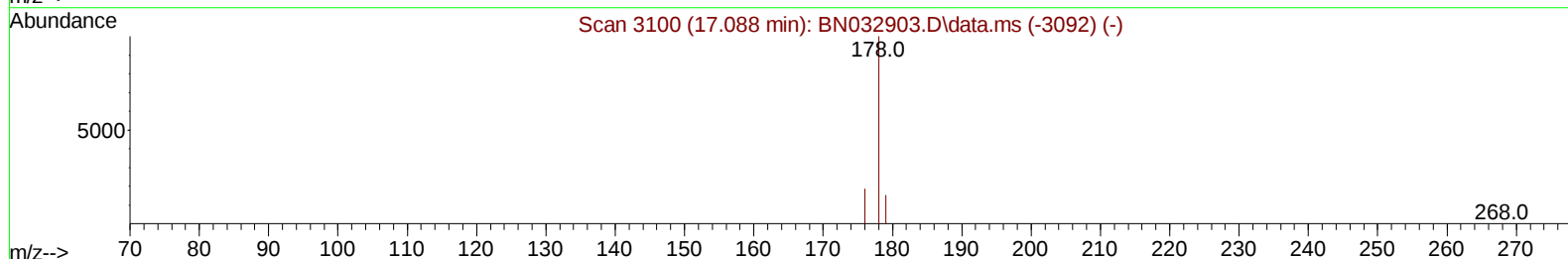
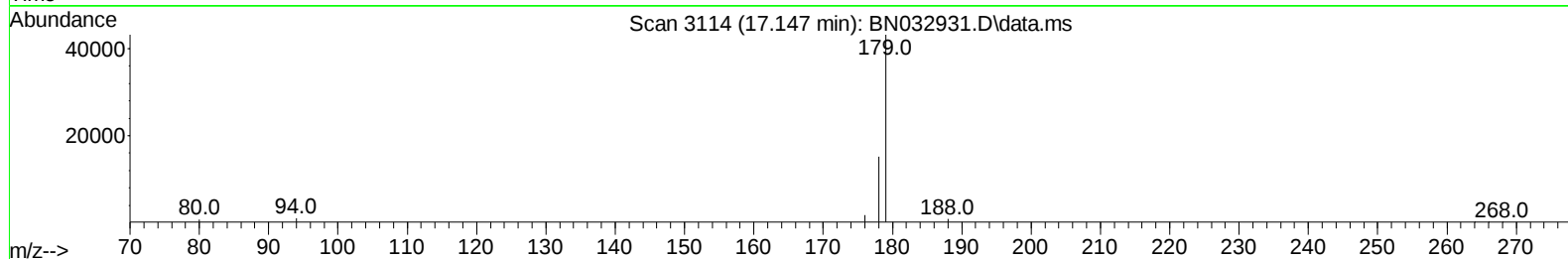
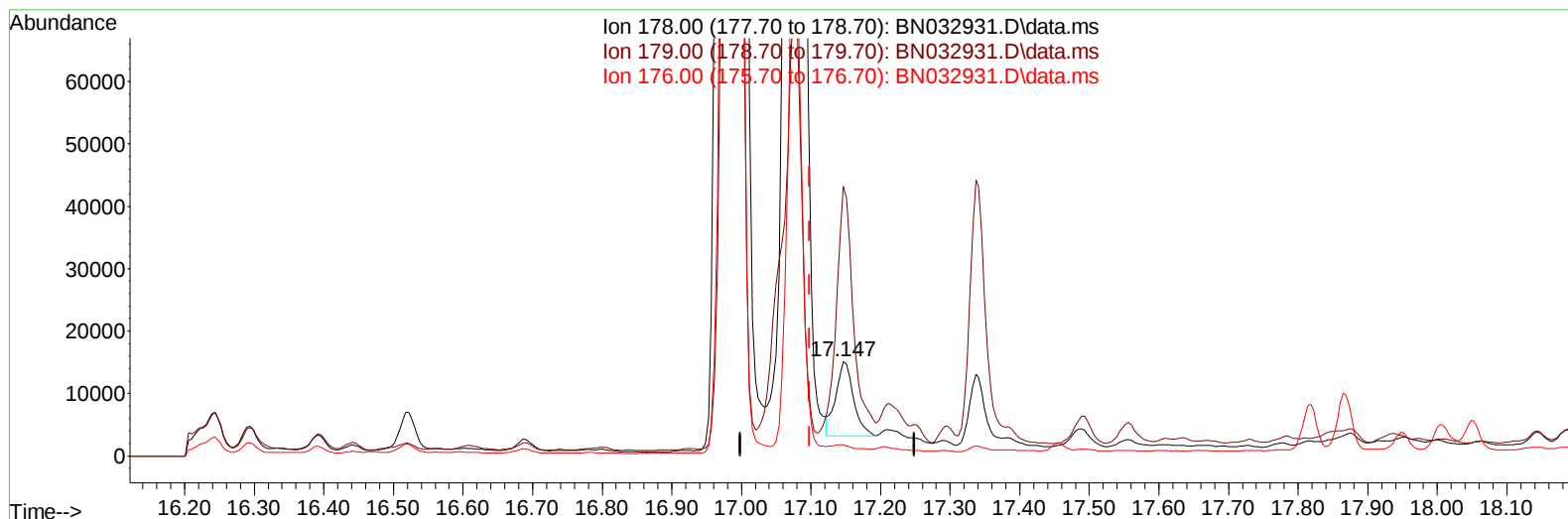
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032931.D
Acq On : 24 Jul 2024 03:57
Operator : MA/JU
Sample : P3215-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C08

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:26:43 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: BN032931.D\data.ms

(16) Anthracene

17.147min (+ 0.048) 0.33 ng/u1

response 21170

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	285.22#
176.00	19.20	11.91#
0.00	0.00	0.00

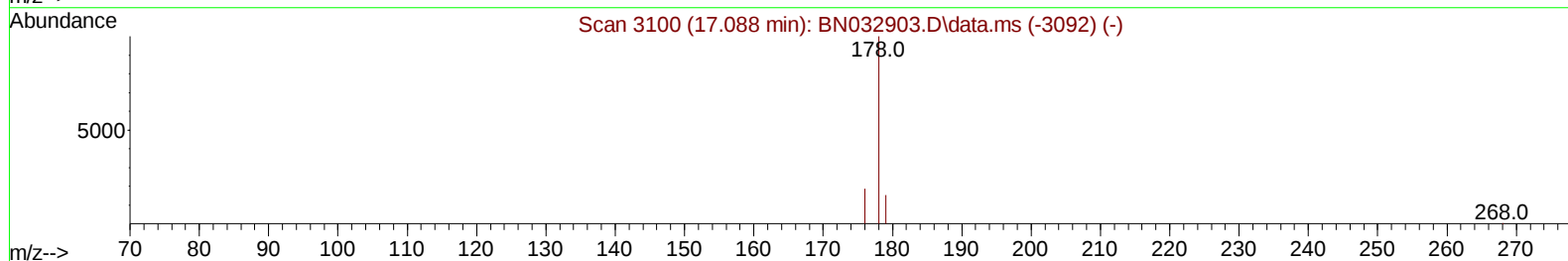
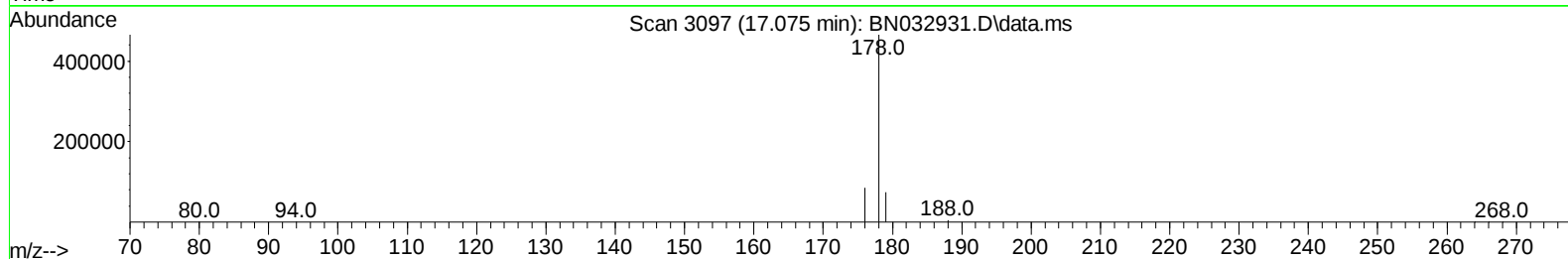
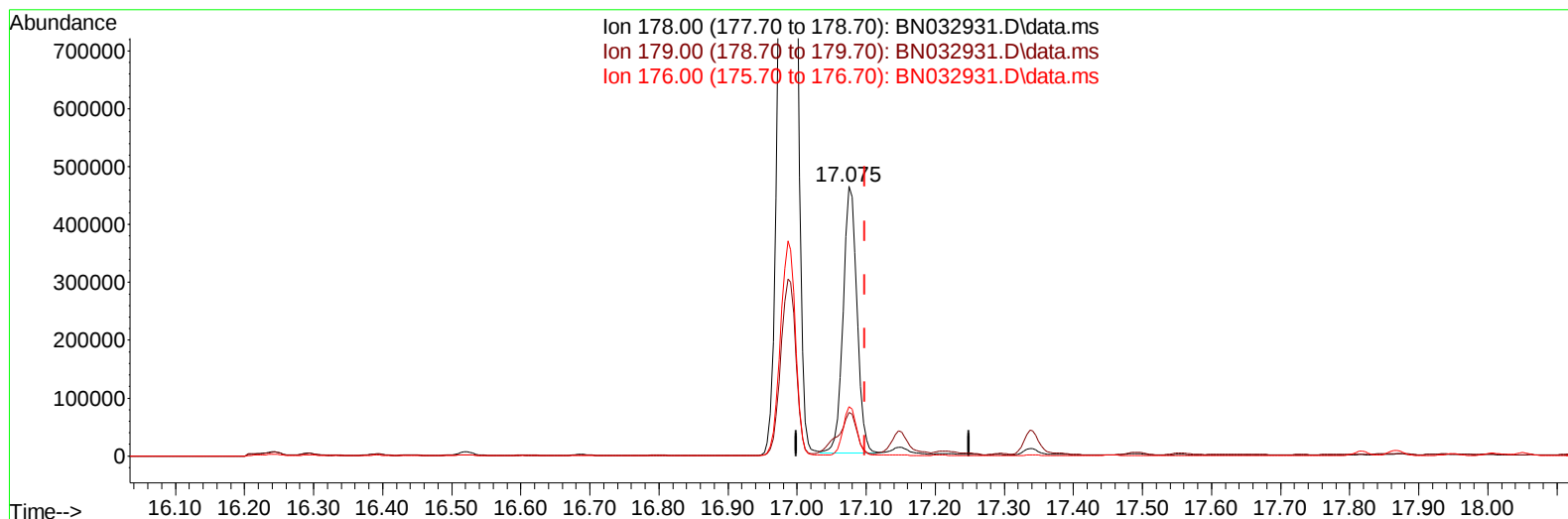
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032931.D
Acq On : 24 Jul 2024 03:57
Operator : MA/JU
Sample : P3215-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C08

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:26:43 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: BN032931.D\data.ms

(16) Anthracene

17.075min (-0.024) 10.15 ng/ul m

response 641793

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	16.11
176.00	19.20	18.34
0.00	0.00	0.00

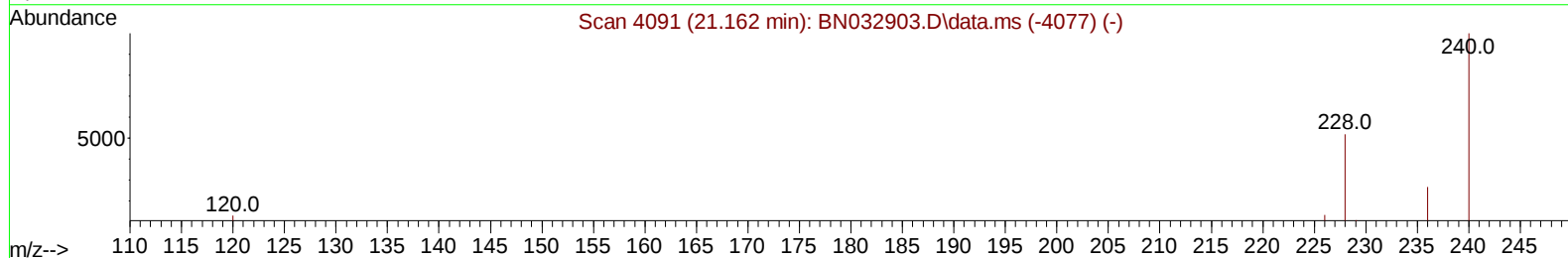
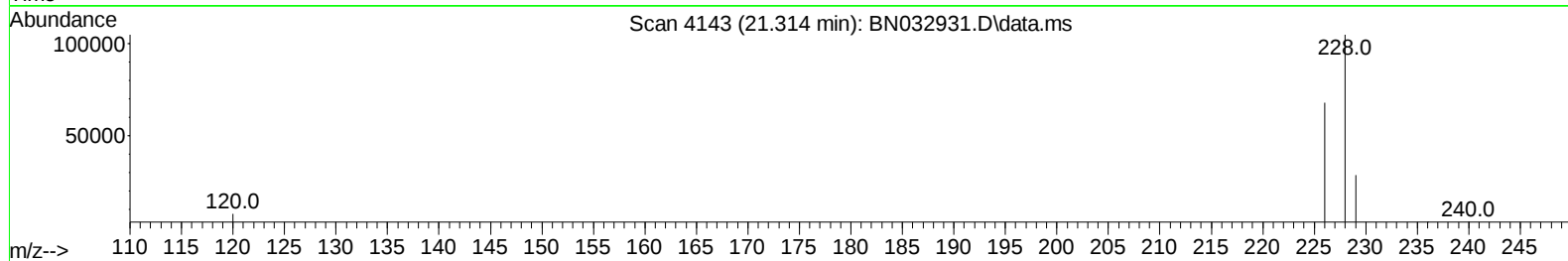
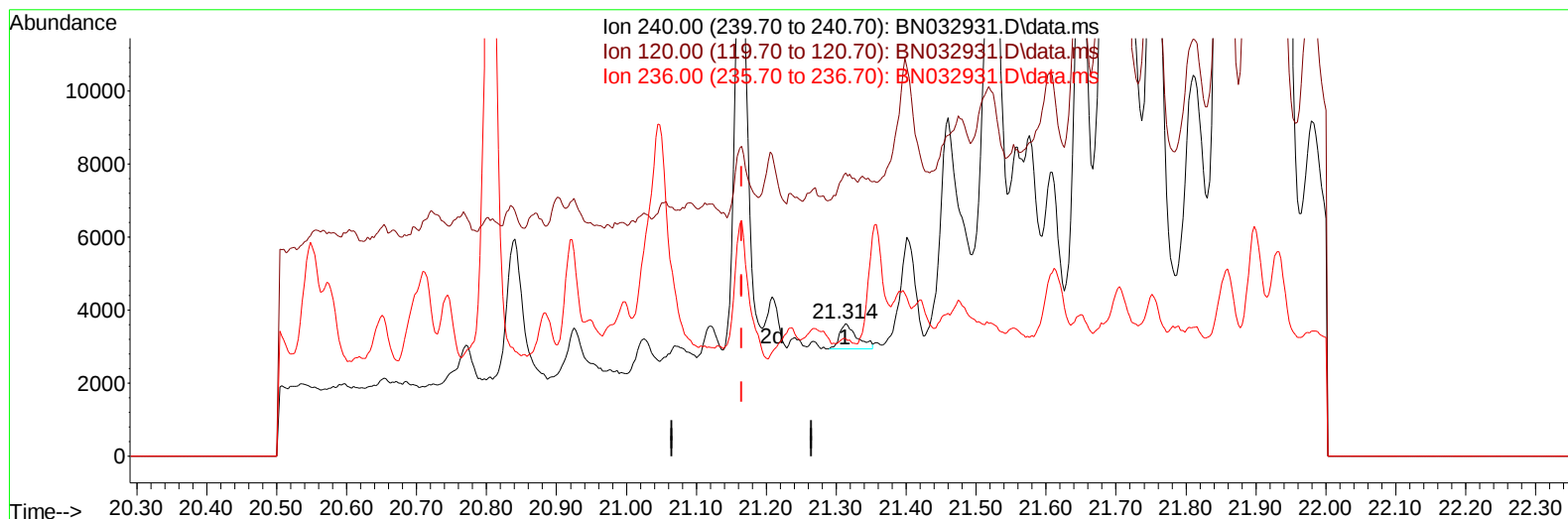
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032931.D
Acq On : 24 Jul 2024 03:57
Operator : MA/JU
Sample : P3215-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C08

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:26:43 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: BN032931.D\data.ms

(17) Chrysene-d12

21.314min (+ 0.149) 0.40 ng/u1

response 1221

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	213.90#
236.00	28.40	88.56#
0.00	0.00	0.00

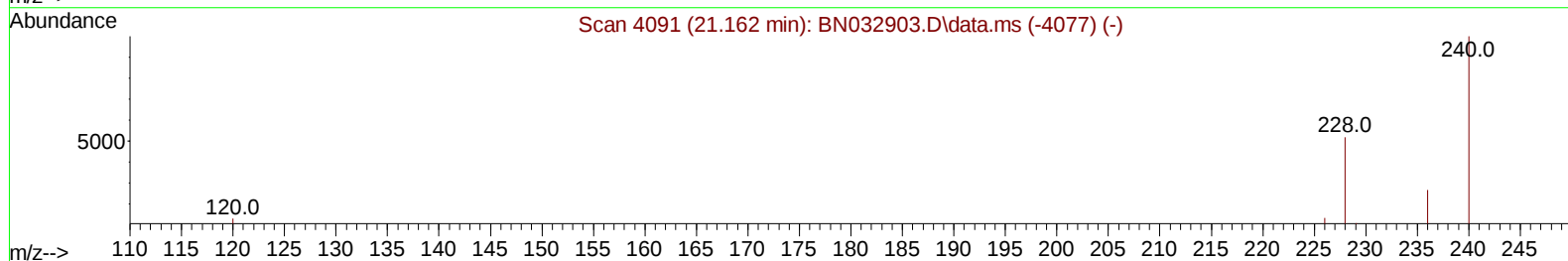
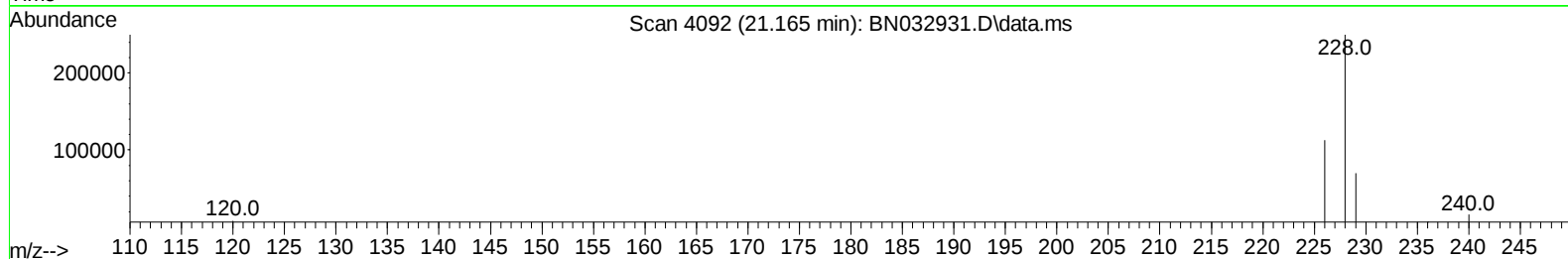
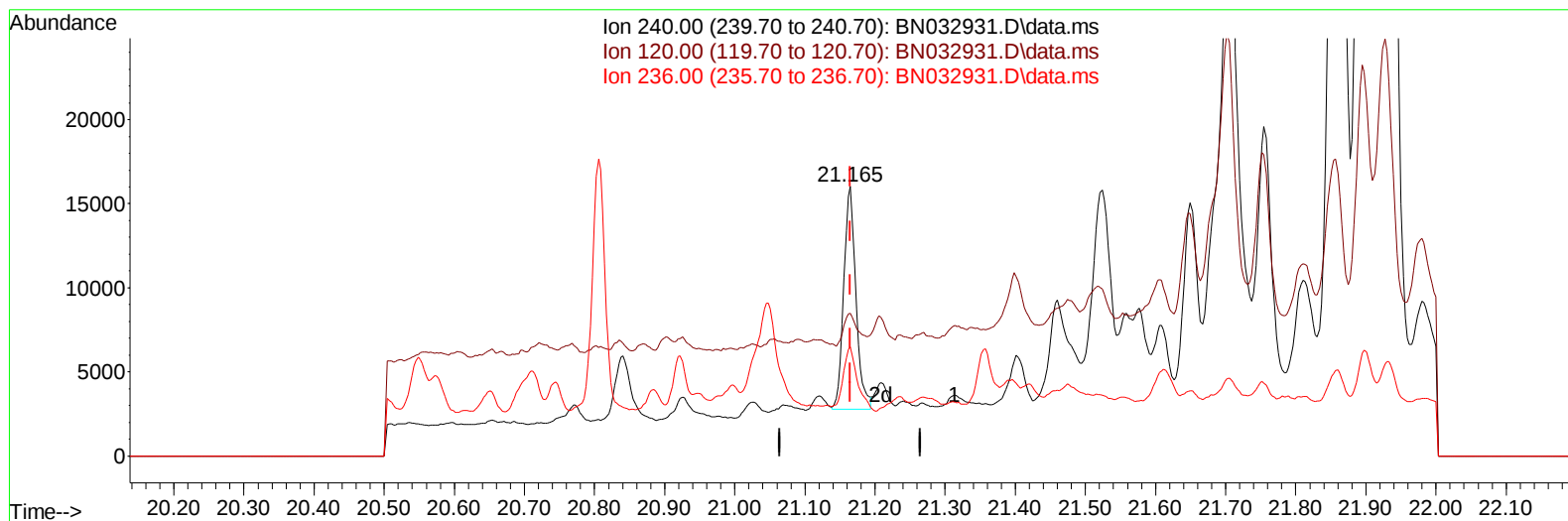
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032931.D
Acq On : 24 Jul 2024 03:57
Operator : MA/JU
Sample : P3215-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C08

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:26:43 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: BN032931.D\data.ms

(17) Chrysene-d12

21.165min (-0.000) 0.40 ng/ul m

response 15943

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	53.05#
236.00	28.40	40.33#
0.00	0.00	0.00

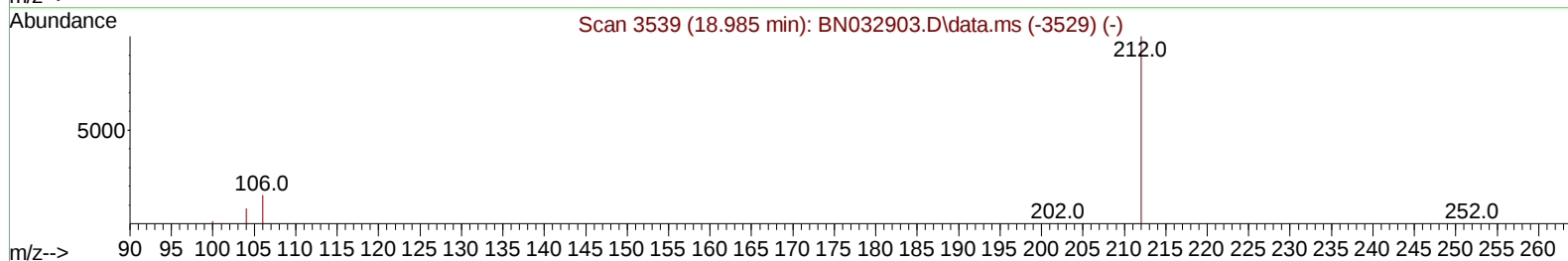
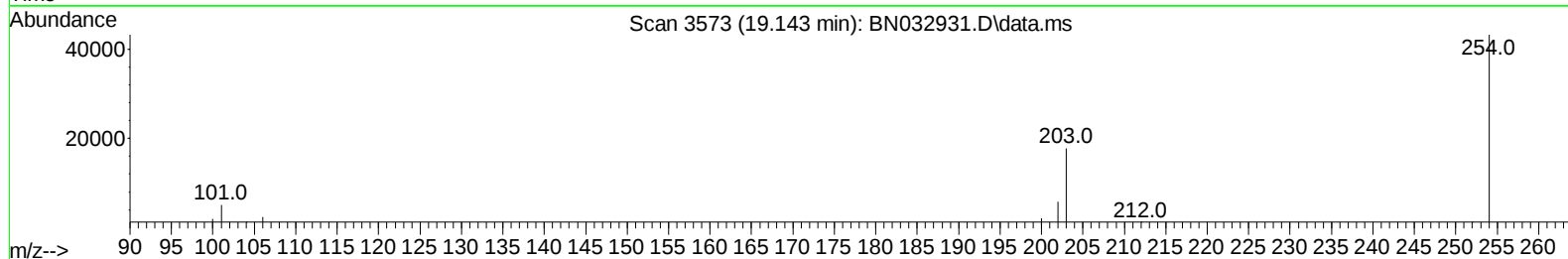
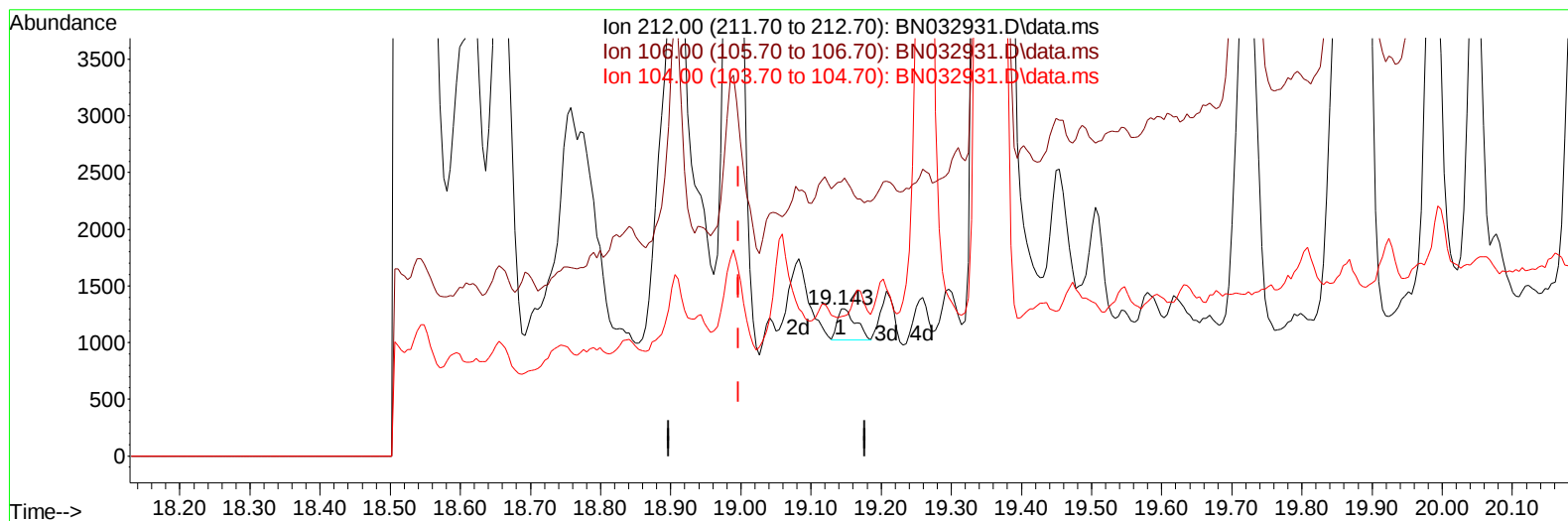
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032931.D
Acq On : 24 Jul 2024 03:57
Operator : MA/JU
Sample : P3215-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C08

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:26:43 2024
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TIC: BN032931.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	0.00#
104.00	9.00	0.00#
0.00	0.00	0.00

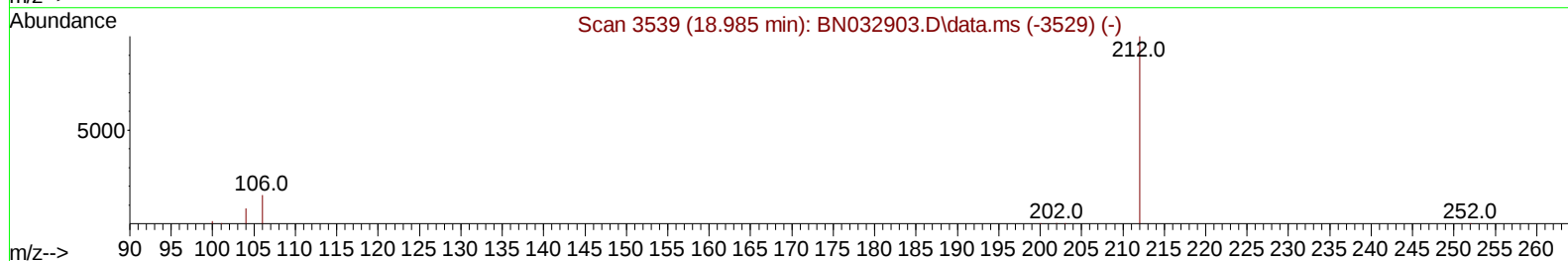
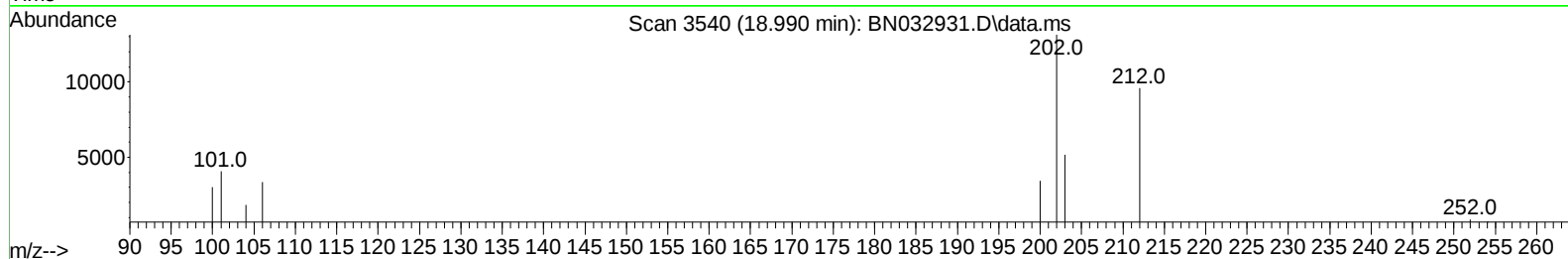
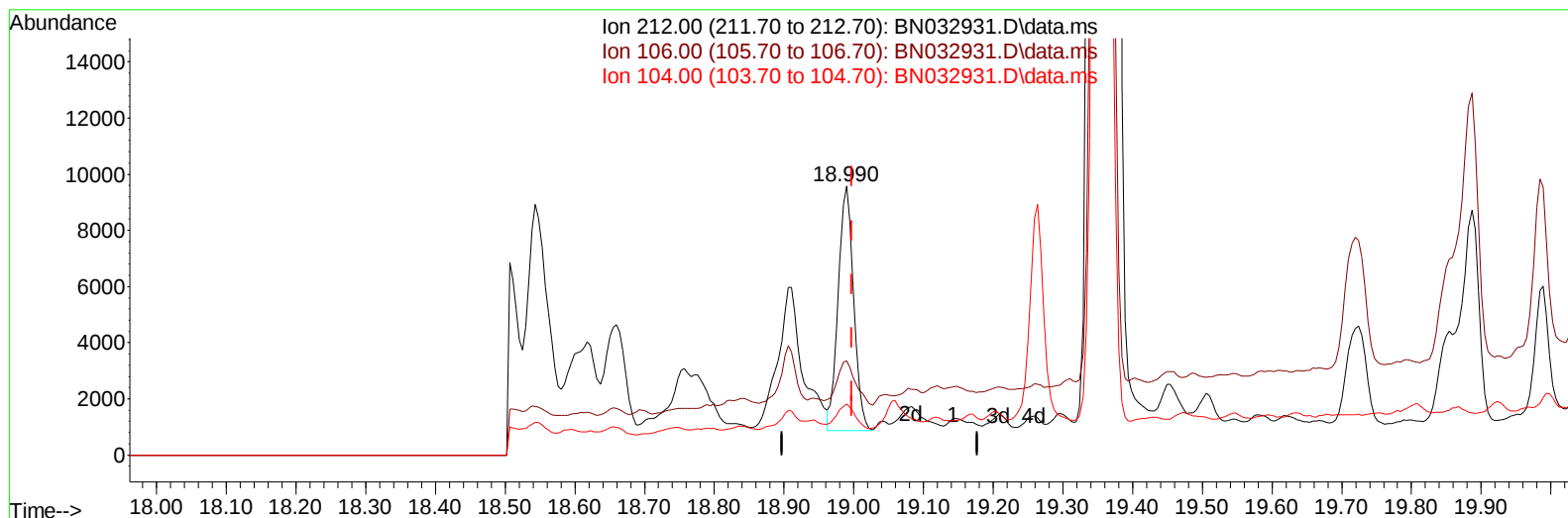
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032931.D
Acq On : 24 Jul 2024 03:57
Operator : MA/JU
Sample : P3215-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C08

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:26:43 2024
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TIC: BN032931.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.990min (-0.008) 0.26 ng/u1 m

response 13293

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

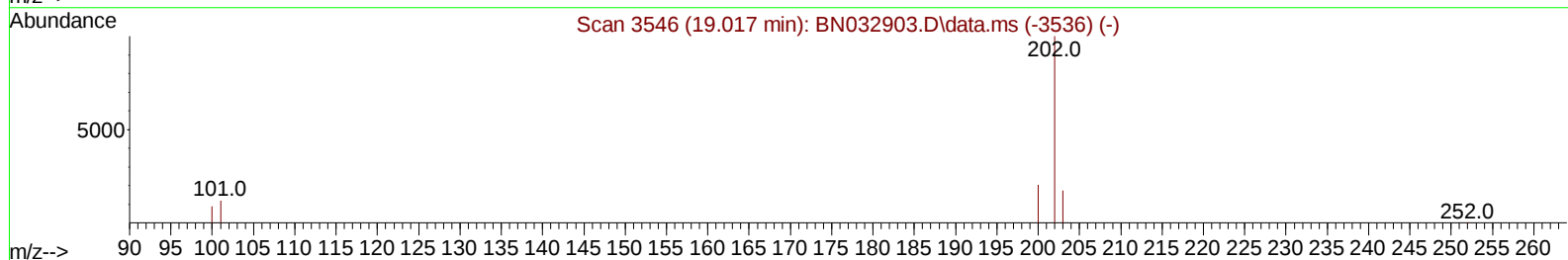
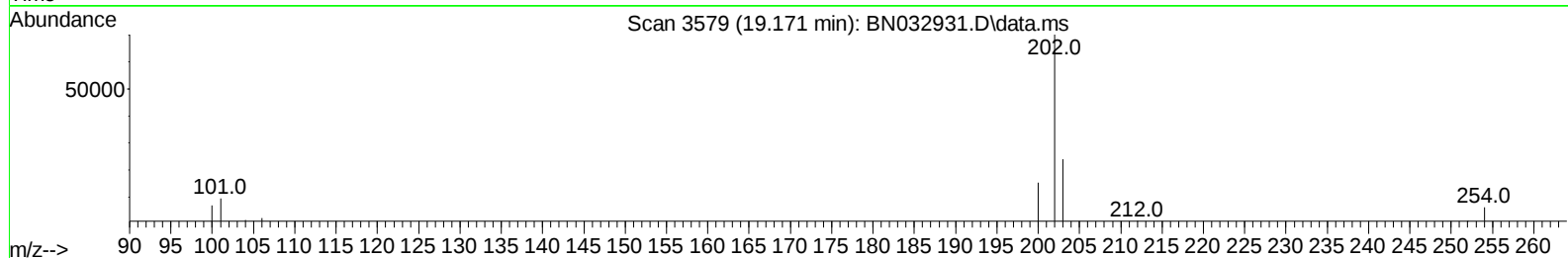
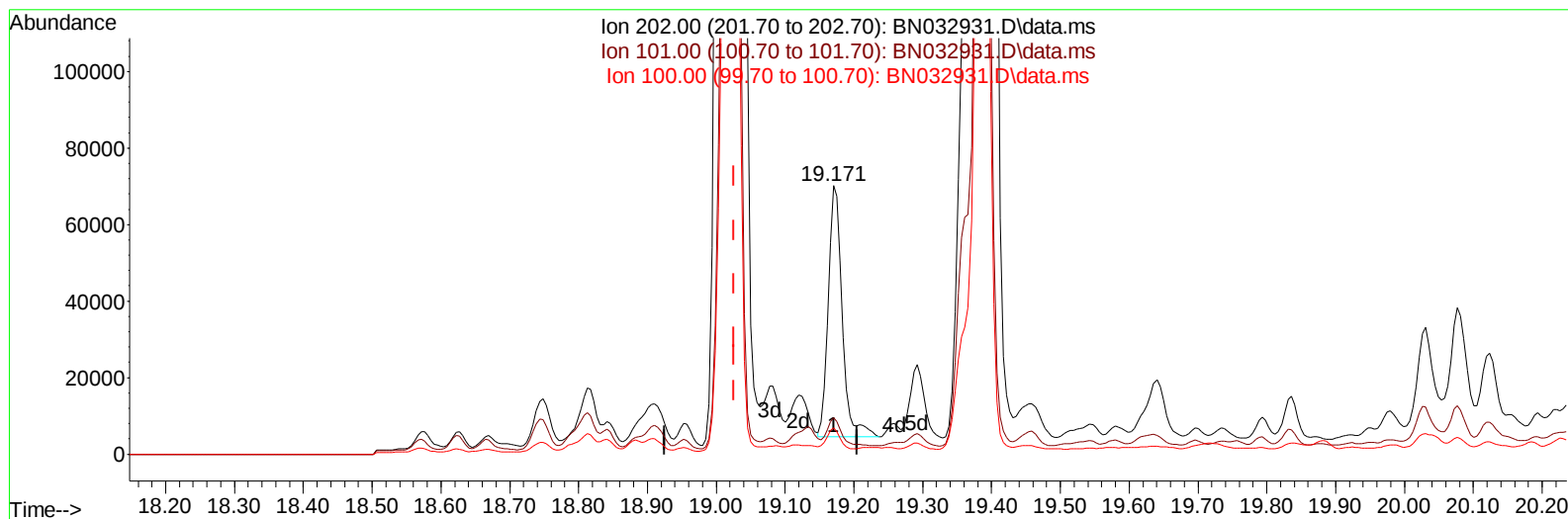
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032931.D
Acq On : 24 Jul 2024 03:57
Operator : MA/JU
Sample : P3215-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C08

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:26:43 2024
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Supervised By :mohammad ahmed 07/26/2024



TIC: BN032931.D\data.ms

(19) Fluoranthene (C)

19.171min (+ 0.146) 1.43 ng/u1

response 92881

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	13.58
100.00	9.90	9.72
0.00	0.00	0.00

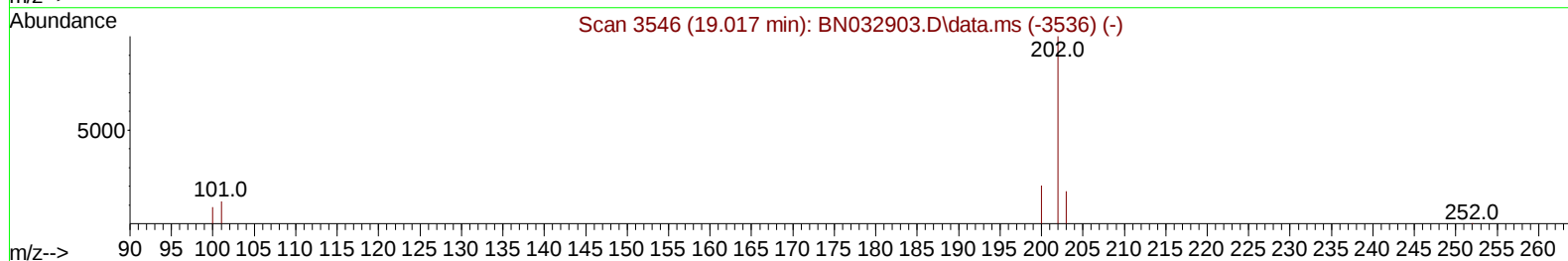
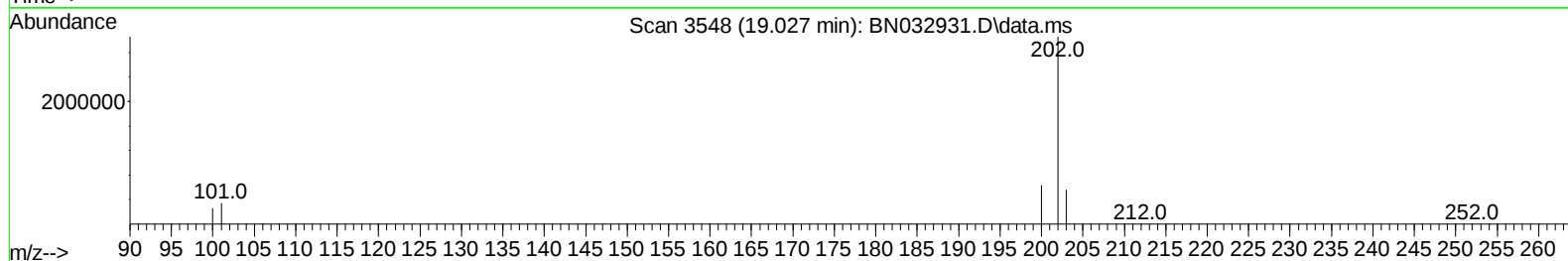
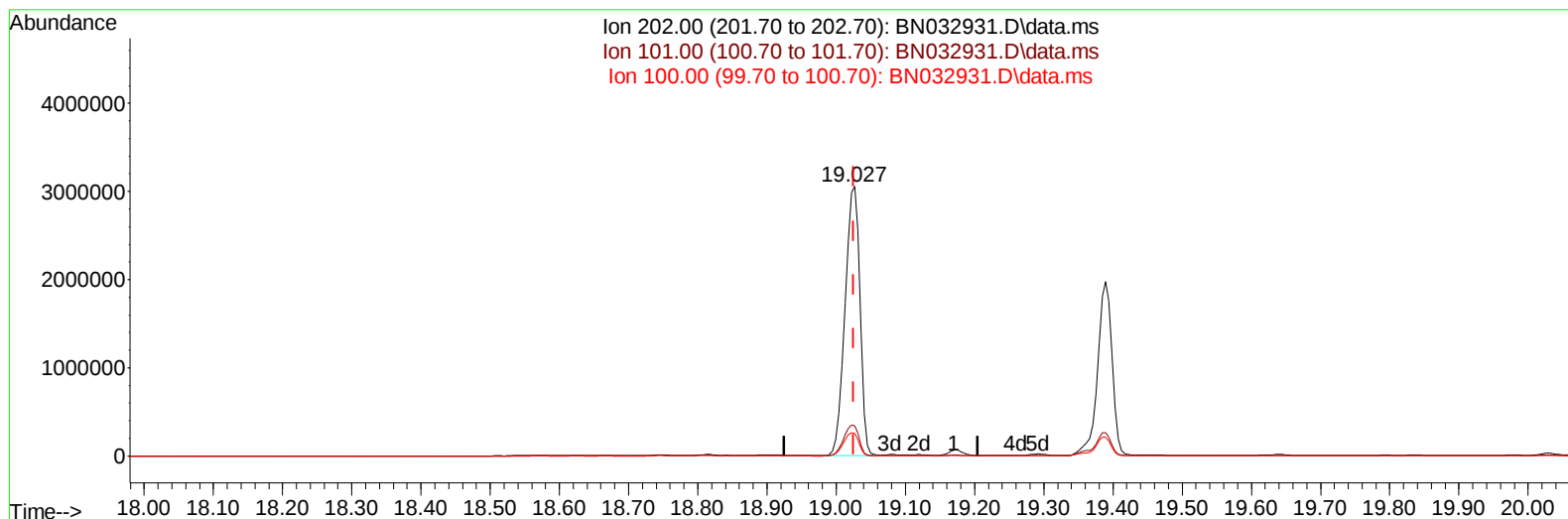
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032931.D
Acq On : 24 Jul 2024 03:57
Operator : MA/JU
Sample : P3215-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C08

Manual IntegrationsAPPROVED

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

Quant Time: Jul 24 04:26:43 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



TIC: BN032931.D\data.ms

(19) Fluoranthene (C)

19.027min (+ 0.002) 71.38 ng/ul m

response 4626774

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	11.11
100.00	9.90	8.35
0.00	0.00	0.00

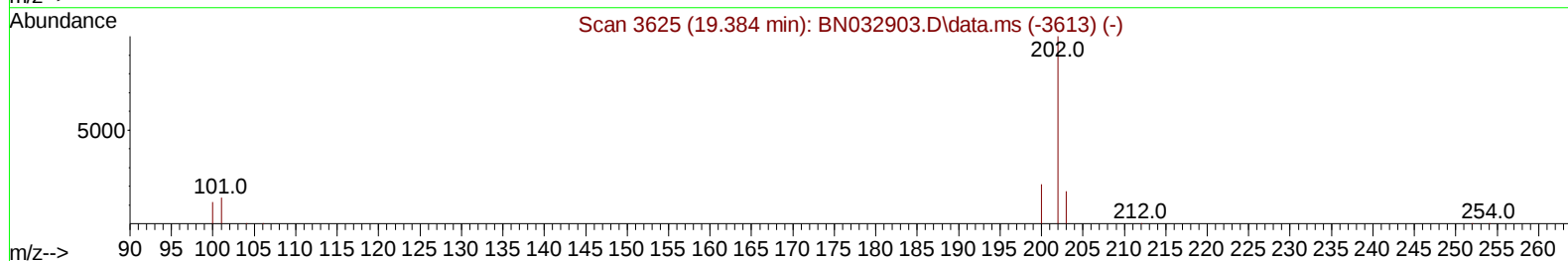
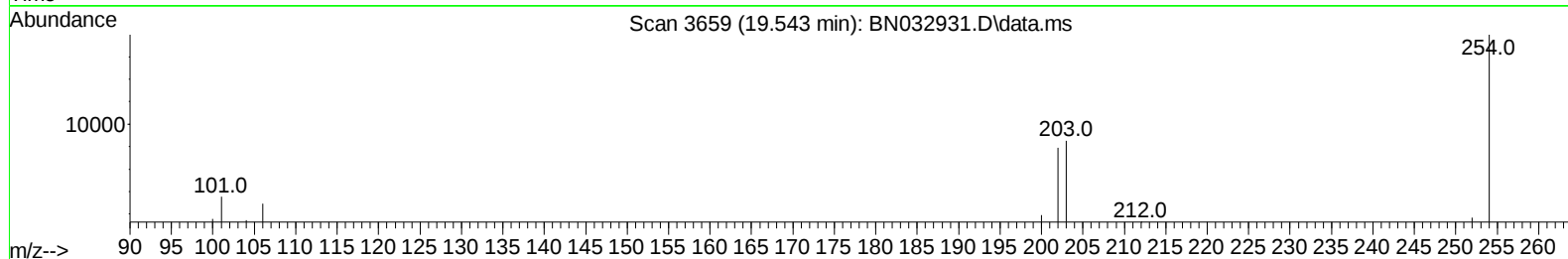
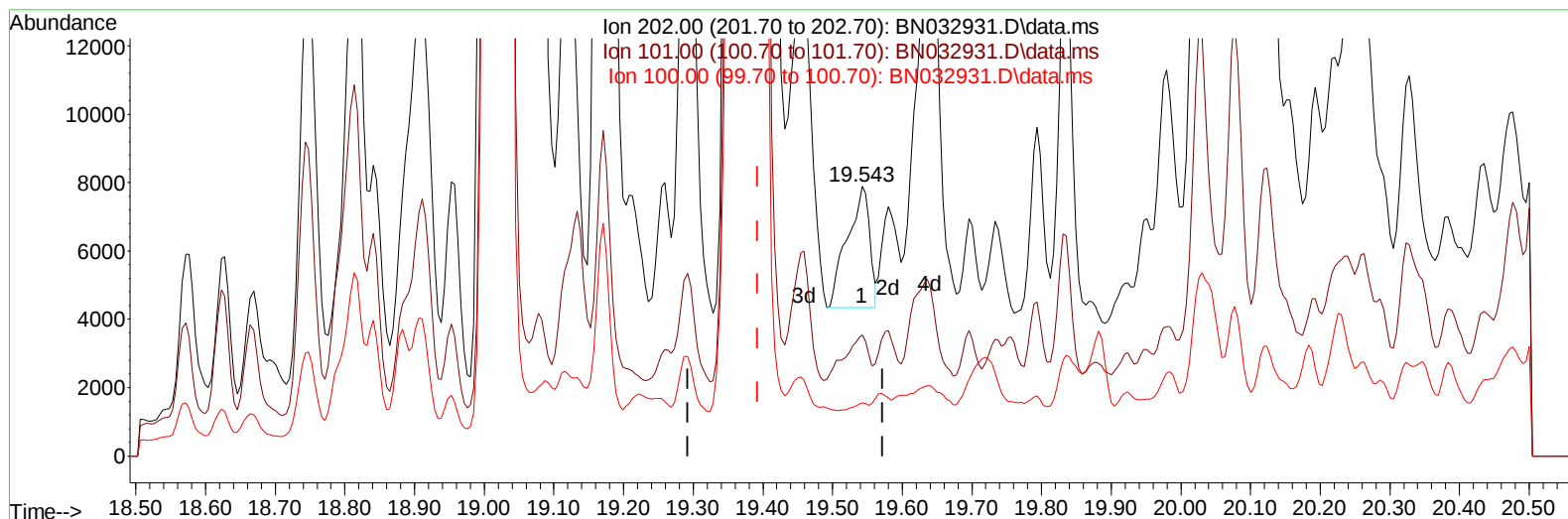
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032931.D
Acq On : 24 Jul 2024 03:57
Operator : MA/JU
Sample : P3215-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C08

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:26:43 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: BN032931.D\data.ms

(20) Pyrene

19.543min (+ 0.150) 0.12 ng/u1

response 7912

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	44.92#
100.00	12.00	19.81#
0.00	0.00	0.00

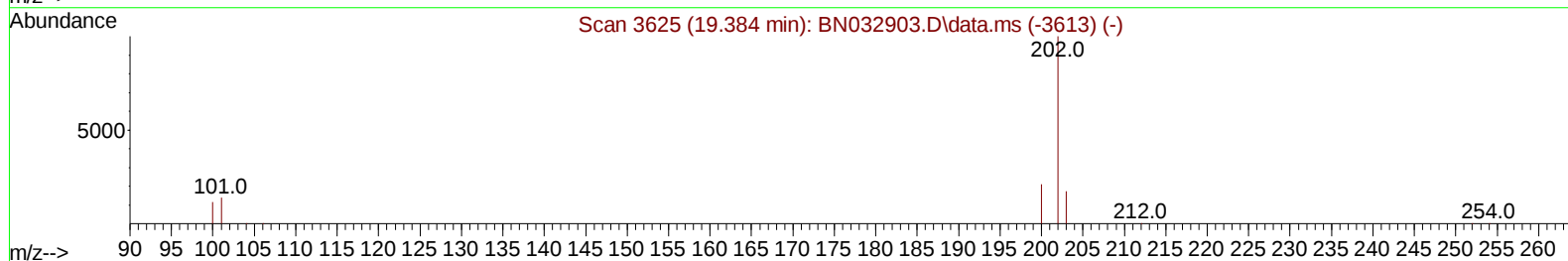
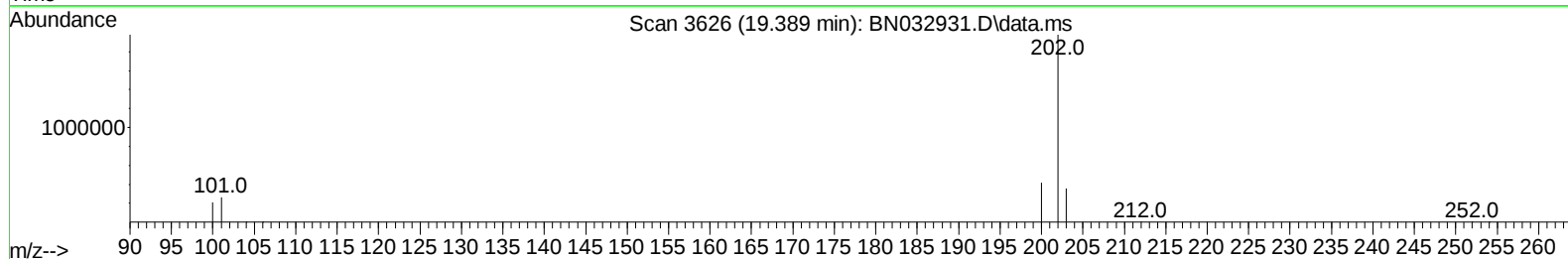
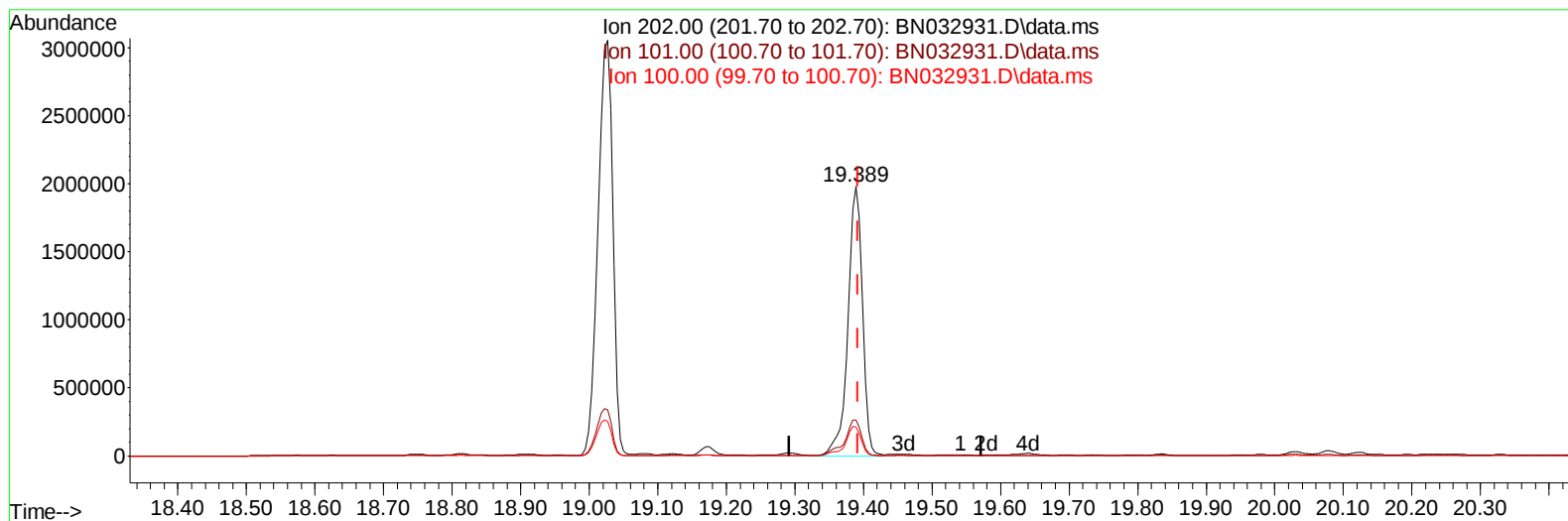
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032931.D
Acq On : 24 Jul 2024 03:57
Operator : MA/JU
Sample : P3215-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C08

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:26:43 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: BN032931.D\data.ms

(20) Pyrene

19.389min (-0.003) 43.68 ng/ul m

response 2930942

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	13.38
100.00	12.00	10.71
0.00	0.00	0.00

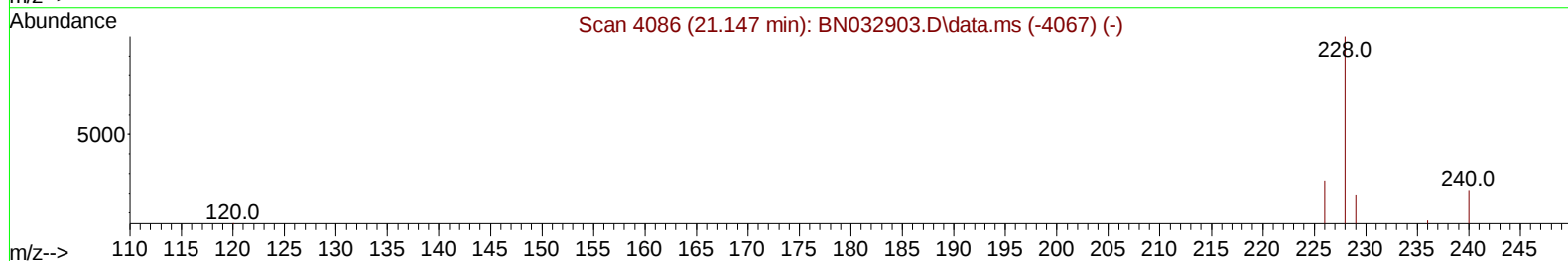
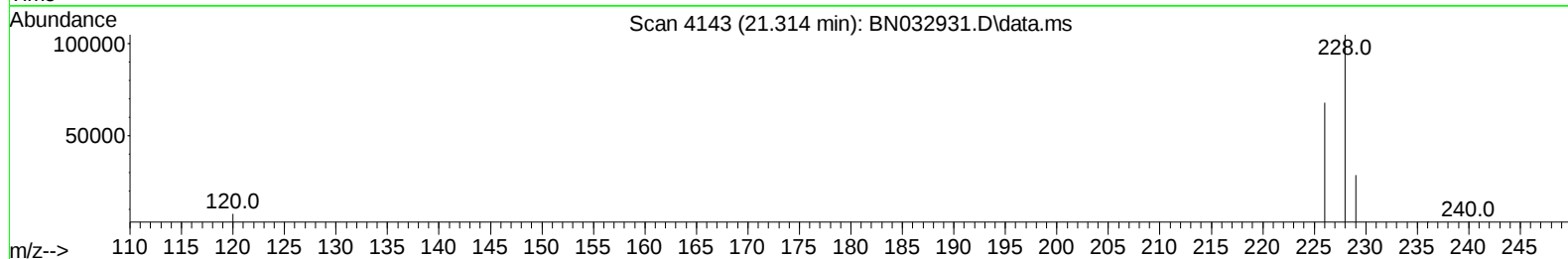
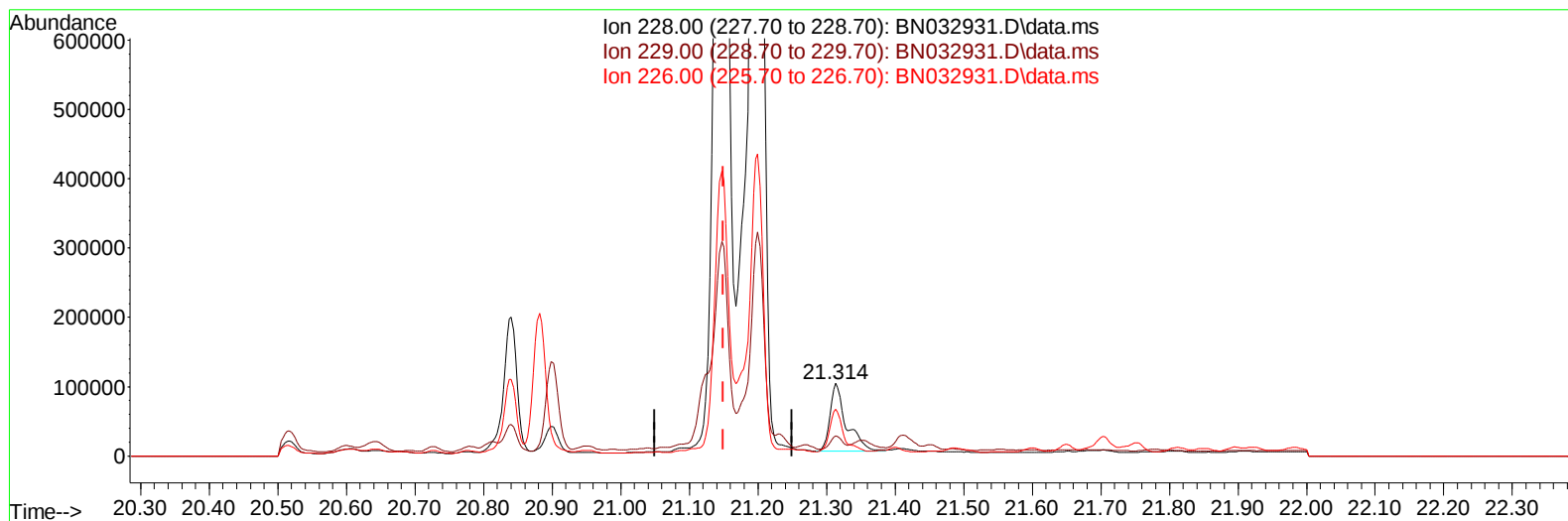
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032931.D
Acq On : 24 Jul 2024 03:57
Operator : MA/JU
Sample : P3215-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C08

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:26:43 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: BN032931.D\data.ms

(21) Benzo(a)anthracene

21.314min (+ 0.163) 3.20 ng/u1

response 162573

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	27.52#
226.00	27.40	64.87#
0.00	0.00	0.00

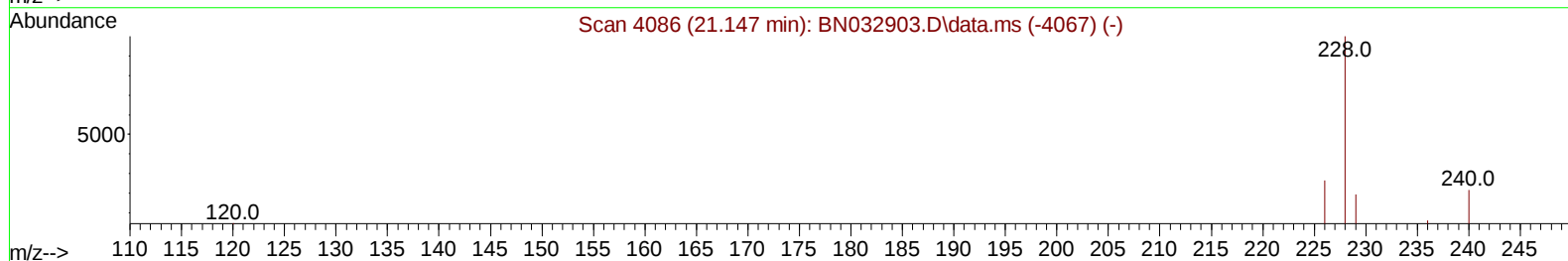
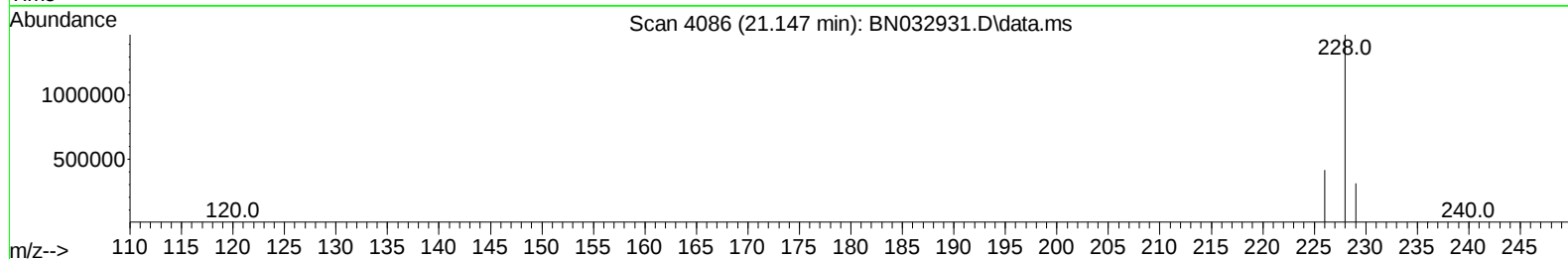
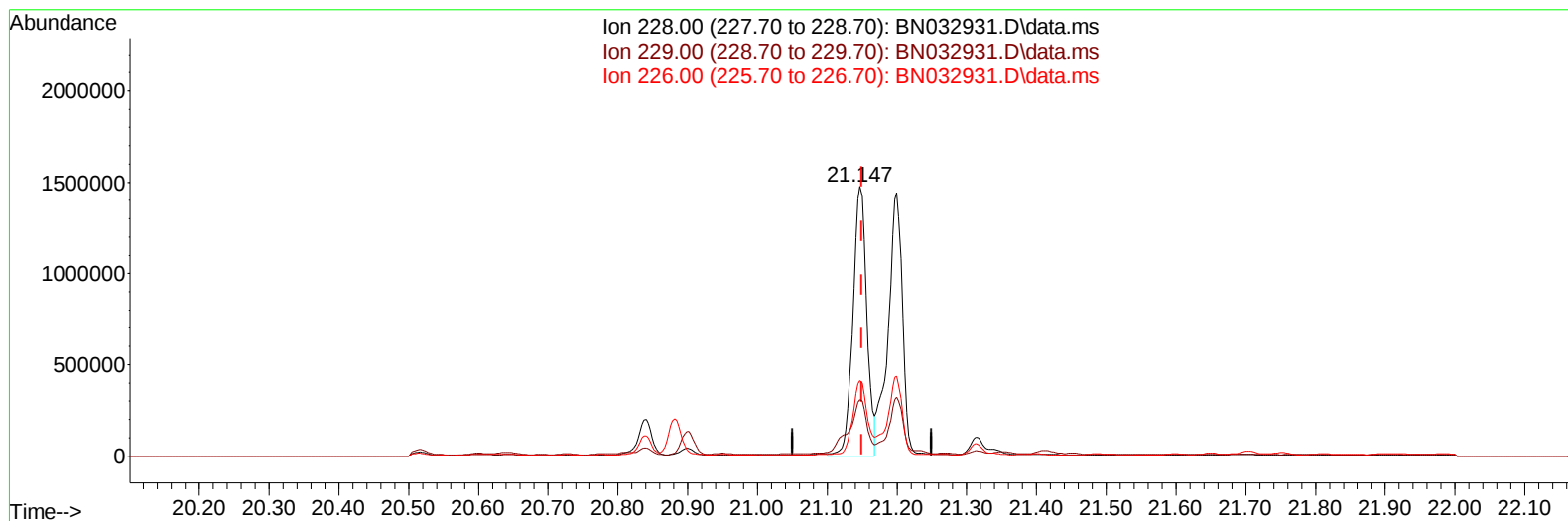
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032931.D
 Acq On : 24 Jul 2024 03:57
 Operator : MA/JU
 Sample : P3215-05
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C08

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:26:43 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: BN032931.D\data.ms

(21) Benzo(a)anthracene

21.147min (-0.003) 40.28 ng/ul m

response 2044109

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	20.94
226.00	27.40	27.88
0.00	0.00	0.00

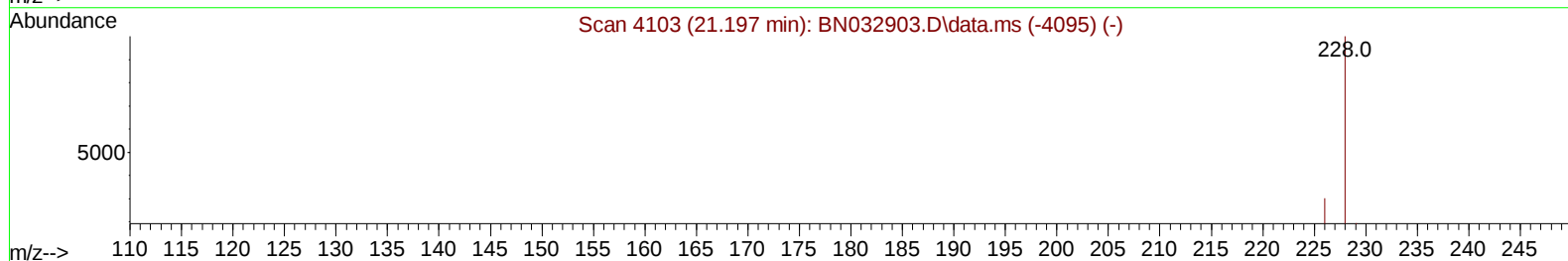
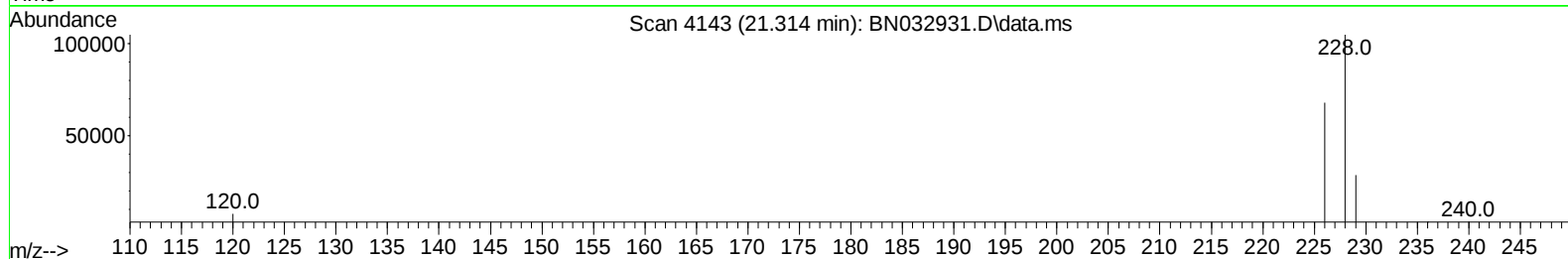
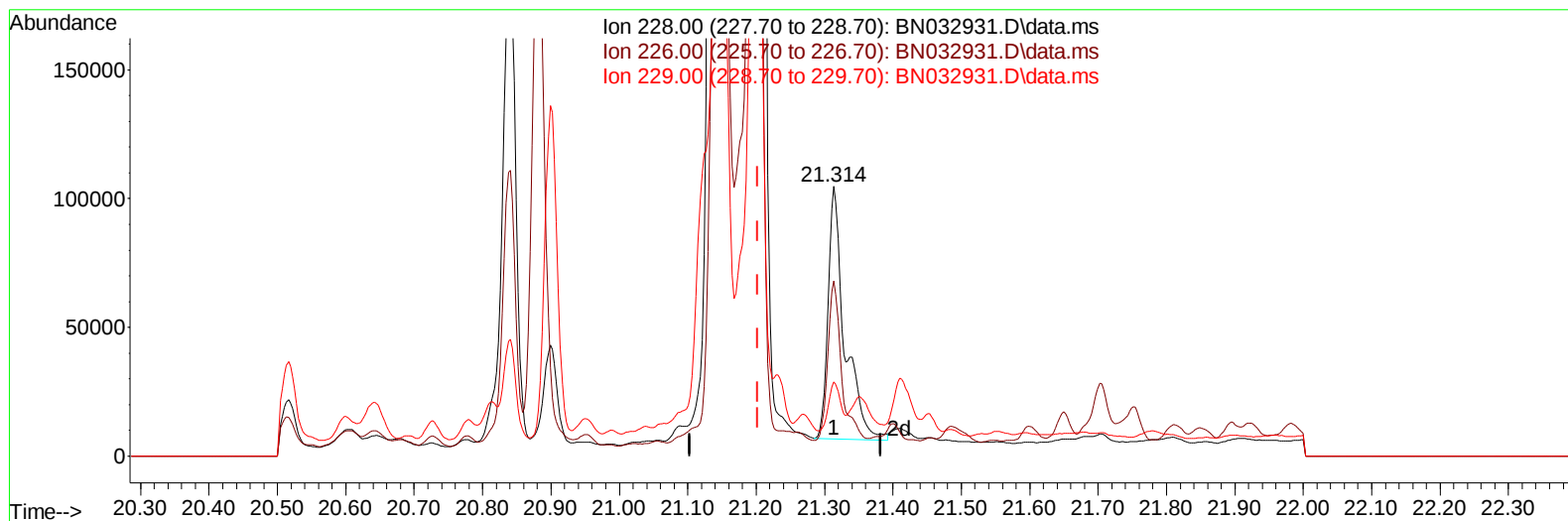
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032931.D
 Acq On : 24 Jul 2024 03:57
 Operator : MA/JU
 Sample : P3215-05
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C08

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:26:43 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: BN032931.D\data.ms

(22) Chrysene

21.314min (+ 0.111) 2.25 ng/u1

response 165486

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	64.87#
229.00	19.70	27.52#
0.00	0.00	0.00

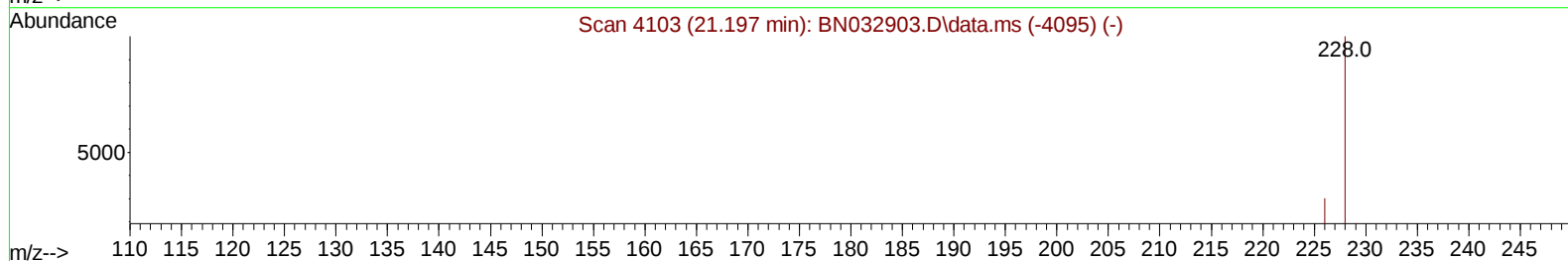
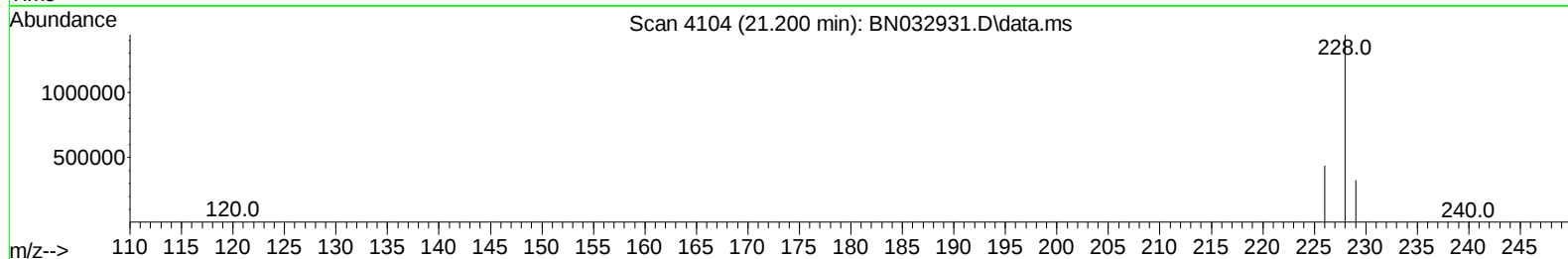
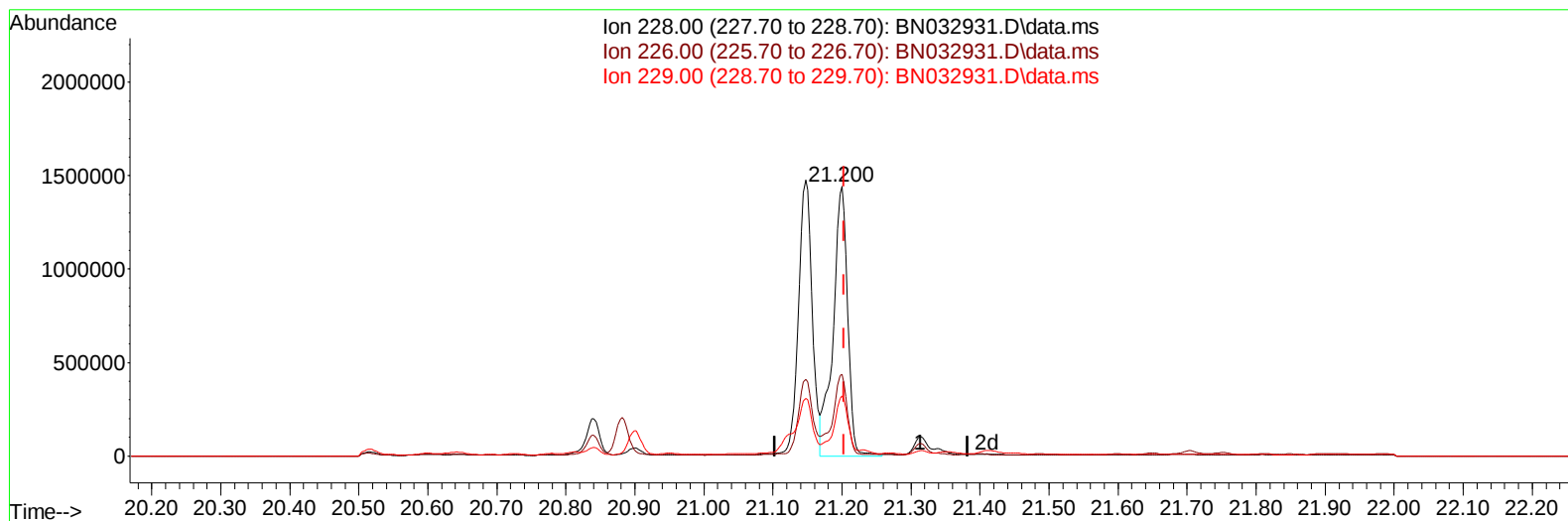
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032931.D
 Acq On : 24 Jul 2024 03:57
 Operator : MA/JU
 Sample : P3215-05
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C08

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:26:43 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: BN032931.D\data.ms

(22) Chrysene

21.200min (-0.003) 28.70 ng/ul m

response 2106665

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	30.25
229.00	19.70	22.40
0.00	0.00	0.00

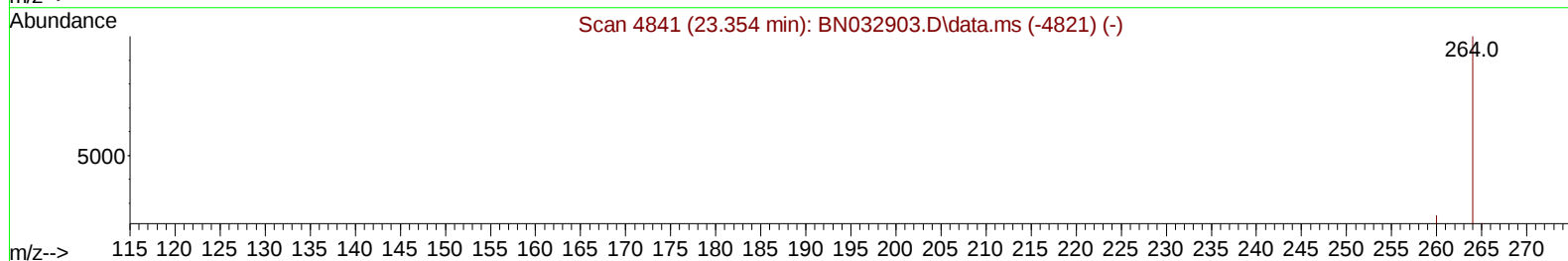
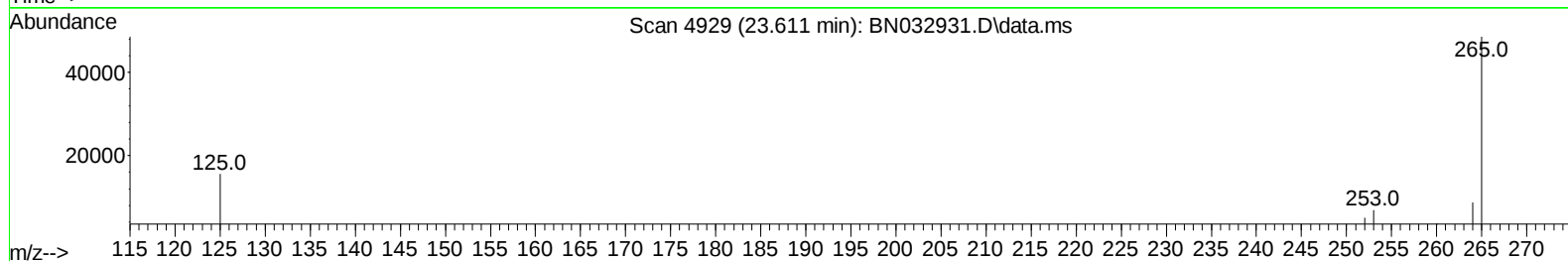
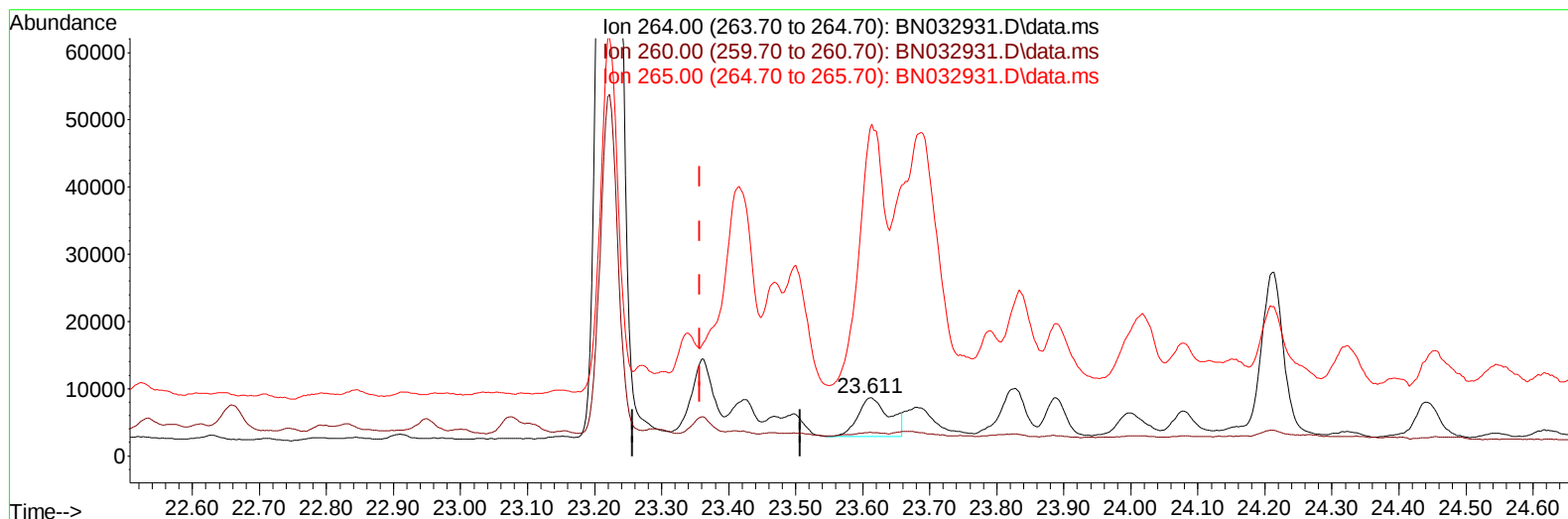
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032931.D
Acq On : 24 Jul 2024 03:57
Operator : MA/JU
Sample : P3215-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C08

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:26:43 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: BN032931.D\data.ms

(23) Perylene-d12 (I)

23.611min (+ 0.254) 0.40 ng/u1

response 18825

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	40.42#
265.00	95.50	558.37#
0.00	0.00	0.00

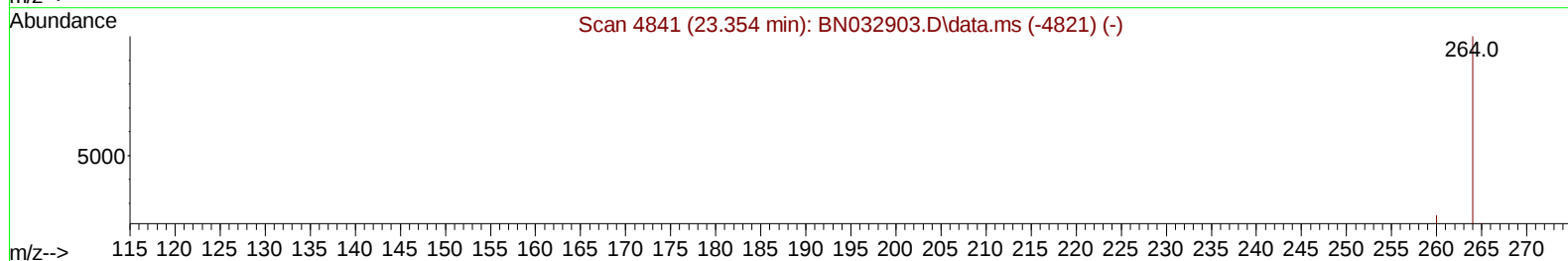
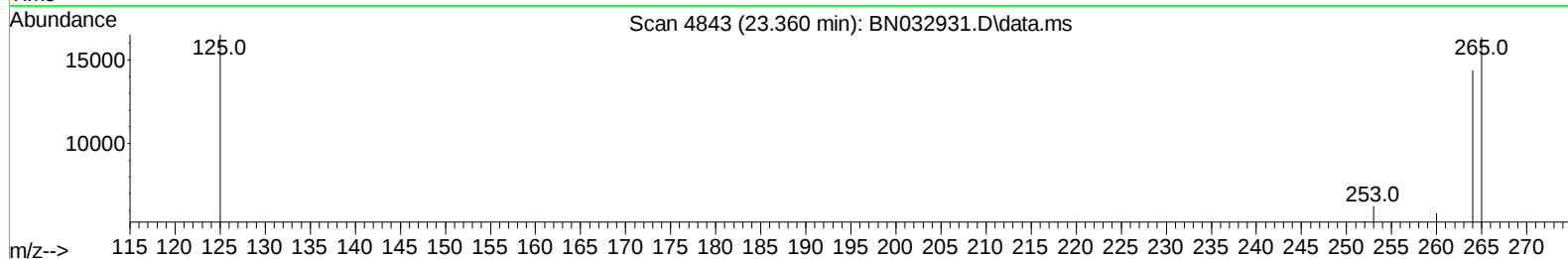
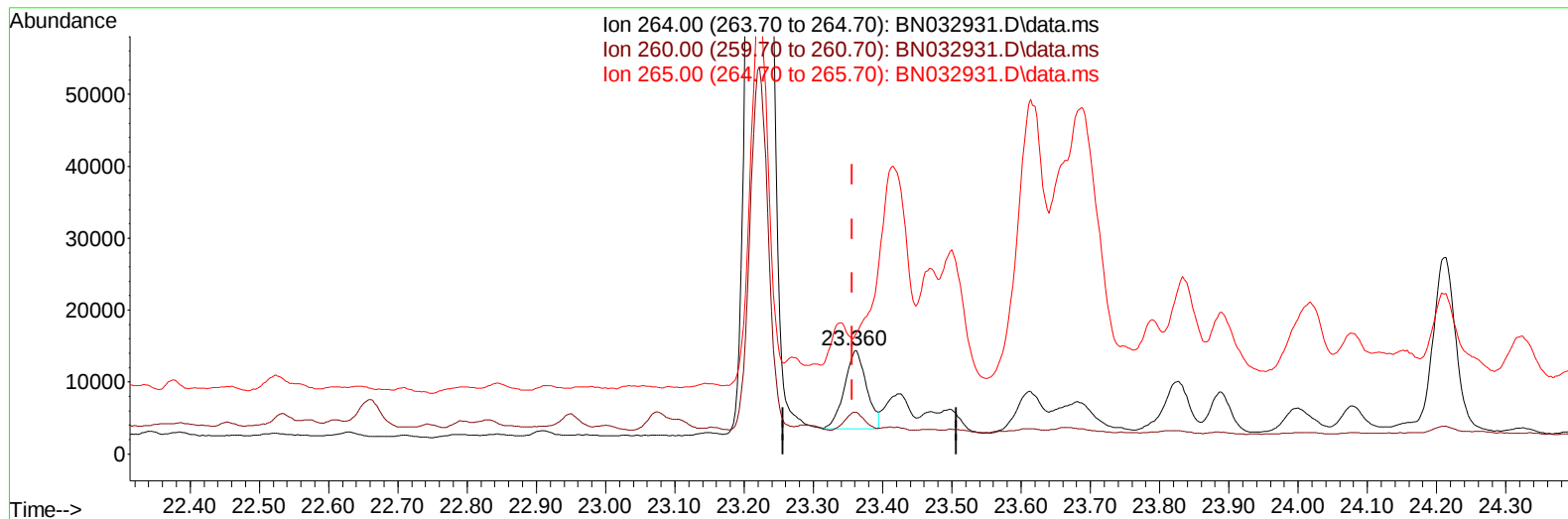
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032931.D
Acq On : 24 Jul 2024 03:57
Operator : MA/JU
Sample : P3215-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C08

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:26:43 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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Supervised By :mohammad ahmed 07/26/2024



TIC: BN032931.D\data.ms

(23) Perylene-d12 (I)

23.360min (+ 0.003) 0.40 ng/ul m

response 24486

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	40.49#
265.00	95.50	113.65
0.00	0.00	0.00

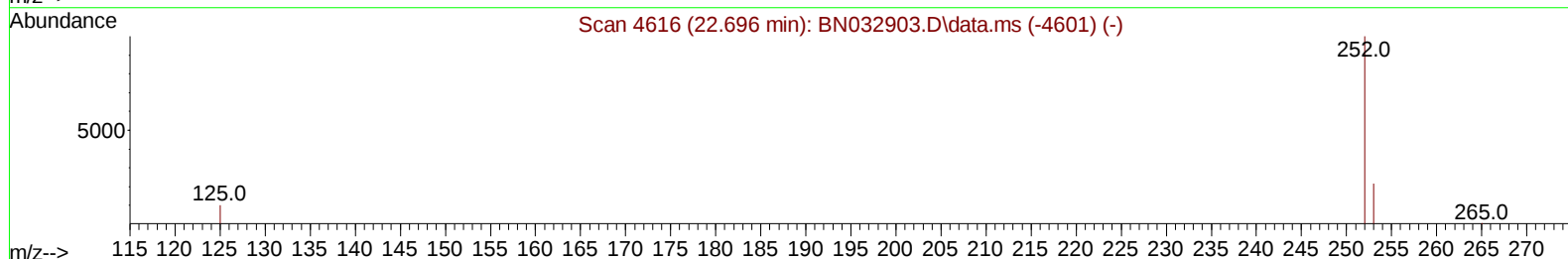
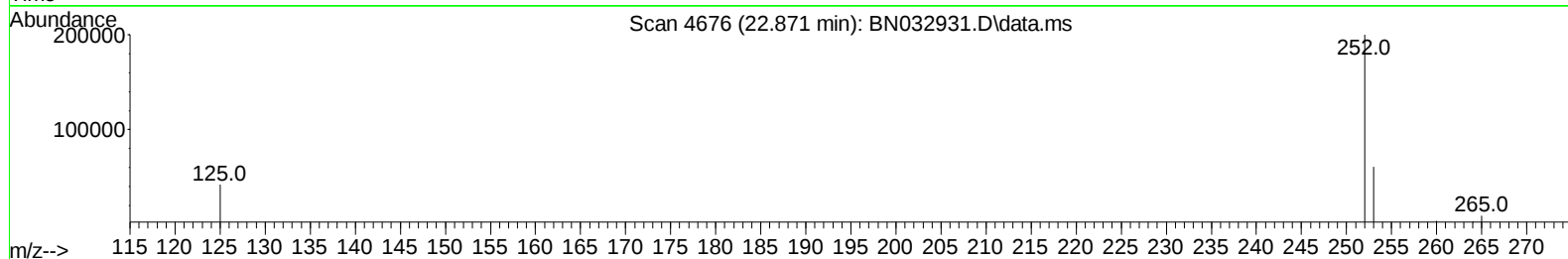
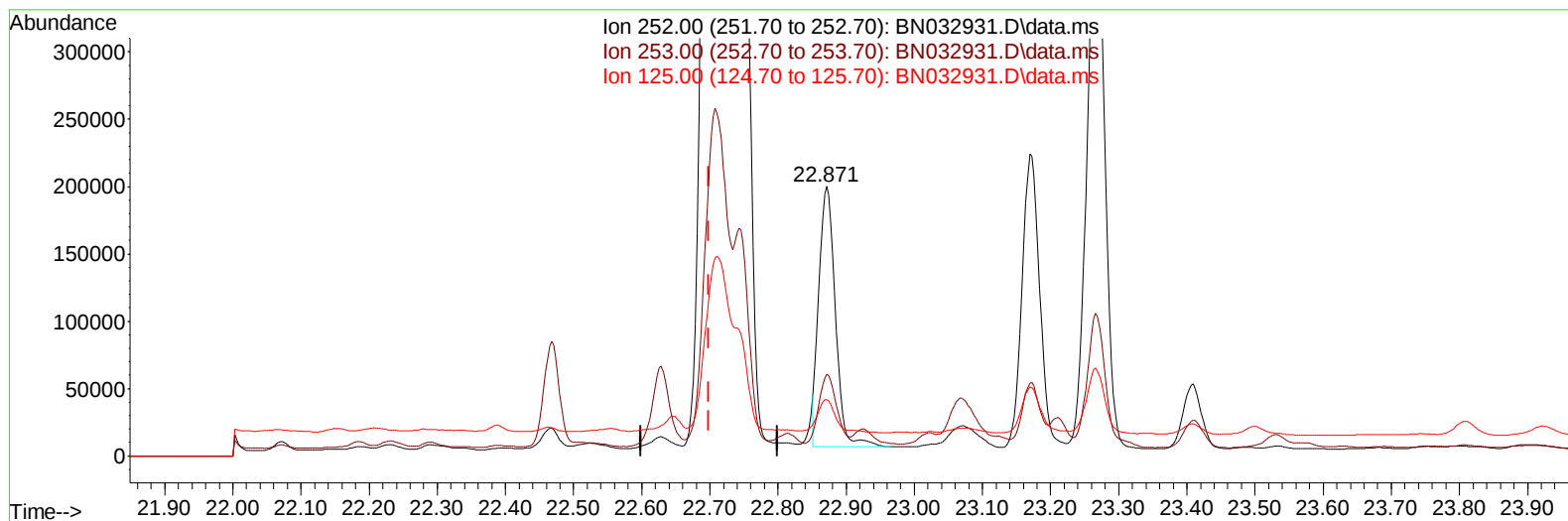
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032931.D
Acq On : 24 Jul 2024 03:57
Operator : MA/JU
Sample : P3215-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C08

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:26:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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Supervised By :mohammad ahmed 07/26/2024



TIC: BN032931.D\data.ms

(24) Benzo(b)fluoranthene

22.871min (+ 0.172) 3.79 ng/u1

response 327654

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	30.34
125.00	18.00	21.01
0.00	0.00	0.00

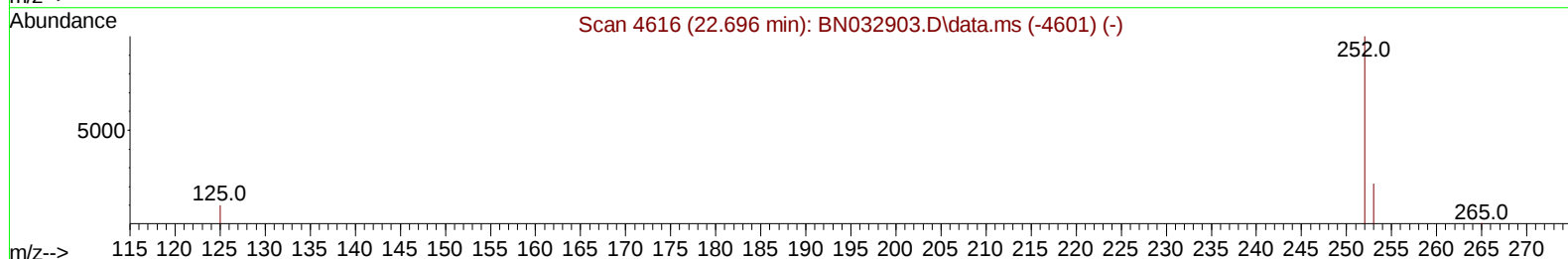
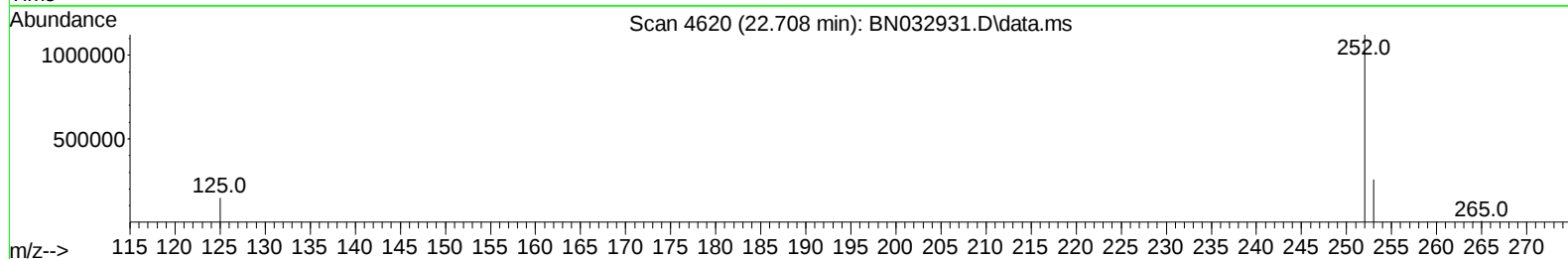
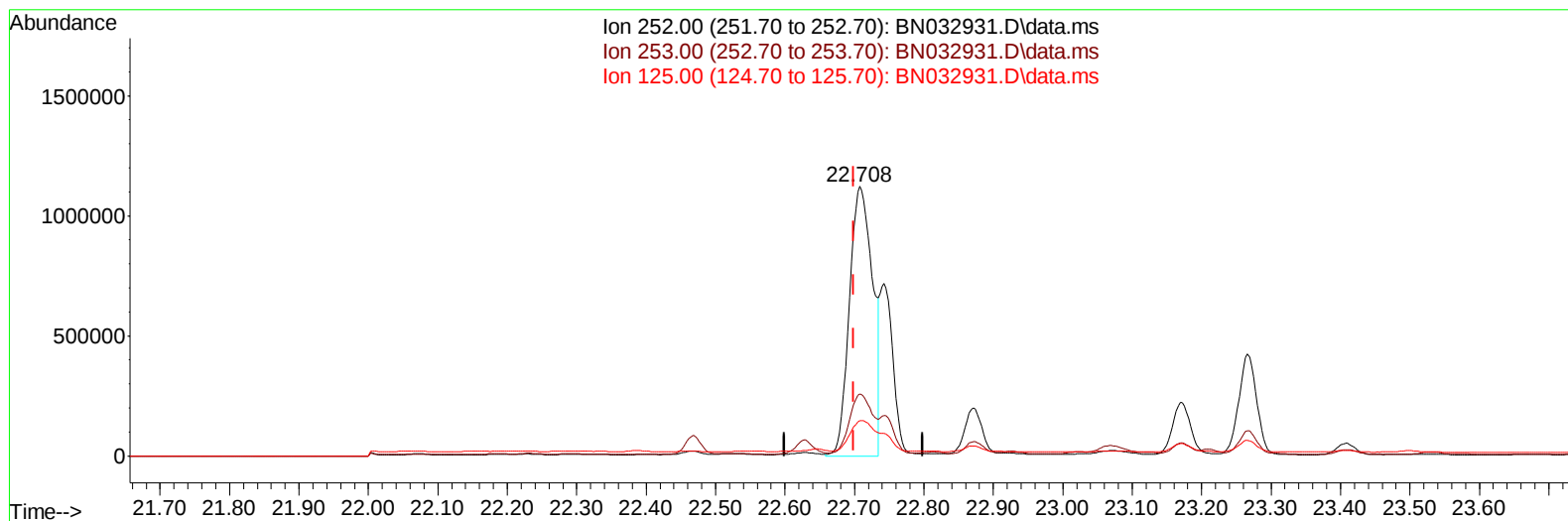
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032931.D
Acq On : 24 Jul 2024 03:57
Operator : MA/JU
Sample : P3215-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C08

Manual IntegrationsAPPROVED

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

Quant Time: Jul 24 04:26:43 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



TIC: BN032931.D\data.ms

(24) Benzo(b)fluoranthene

22.708min (+ 0.009) 30.23 ng/ul m

response 2611629

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	22.99
125.00	18.00	13.09
0.00	0.00	0.00

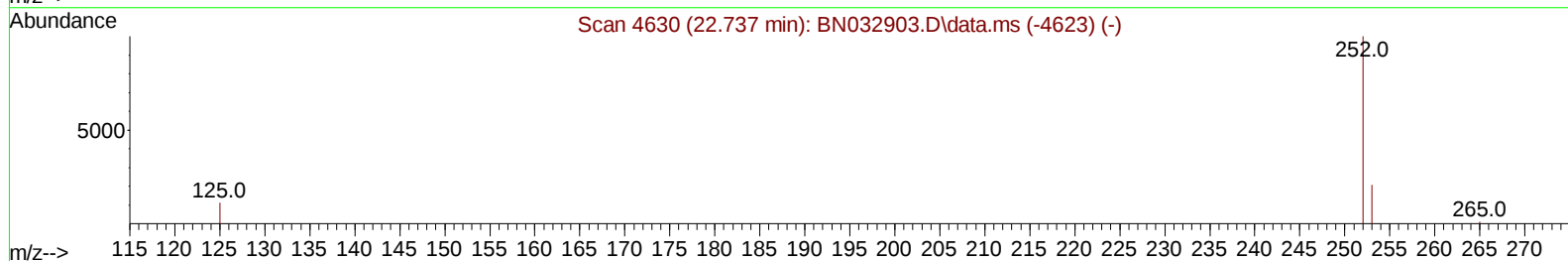
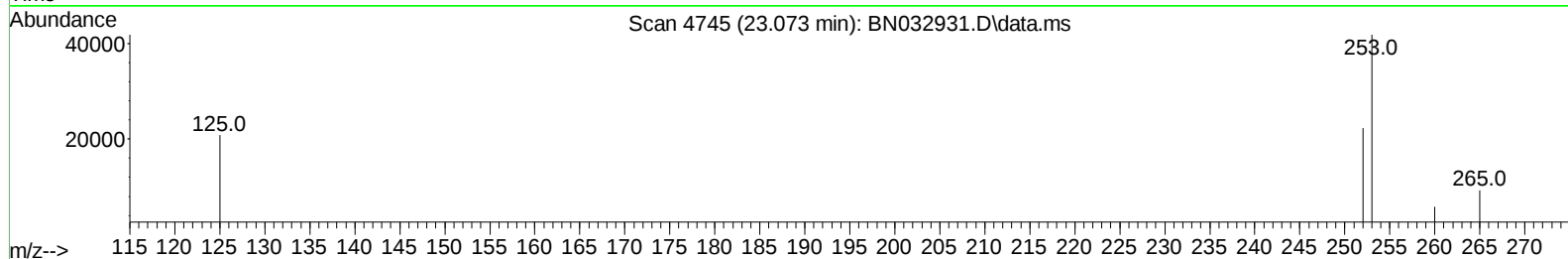
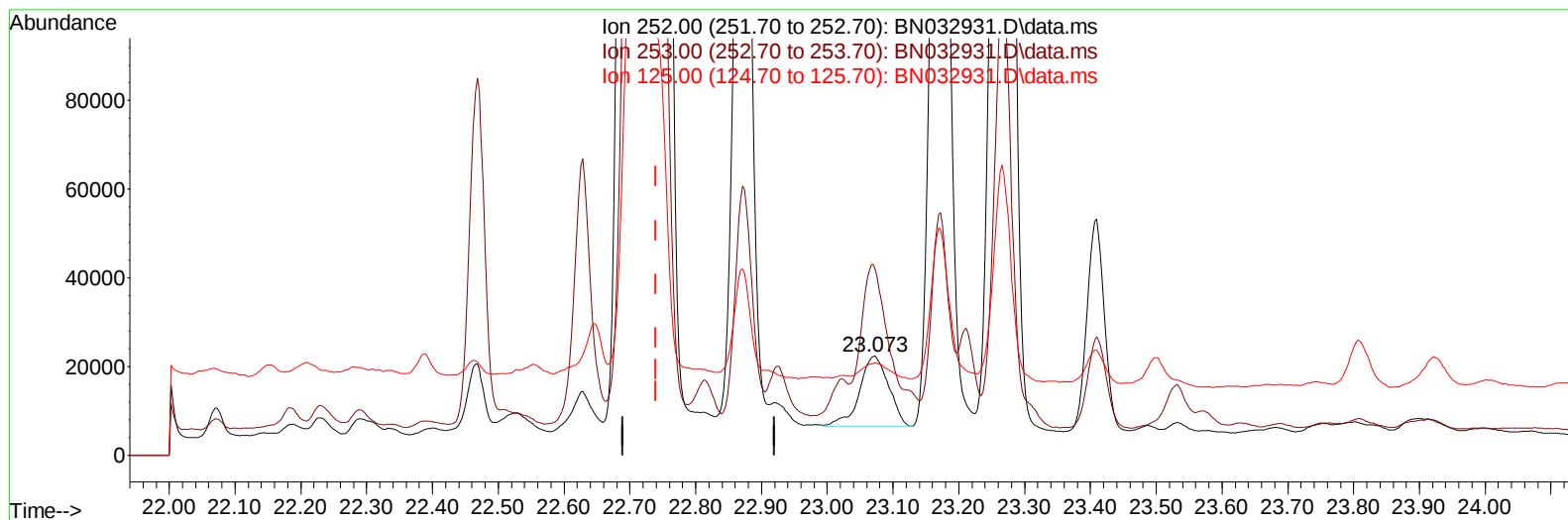
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032931.D
Acq On : 24 Jul 2024 03:57
Operator : MA/JU
Sample : P3215-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C08

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:26:43 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
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032931.D\data.ms

(25) Benzo(k)fluoranthene

23.073min (+ 0.333) 0.46 ng/u1

response 48944

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	187.15#
125.00	18.50	92.95#
0.00	0.00	0.00

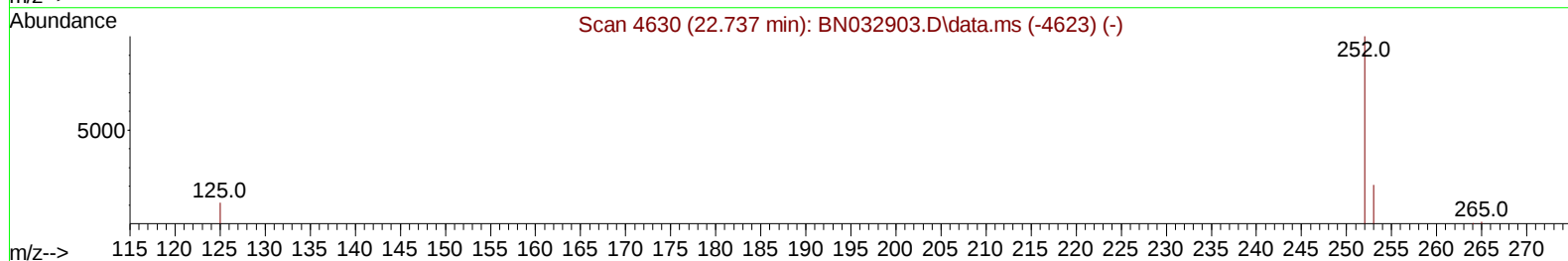
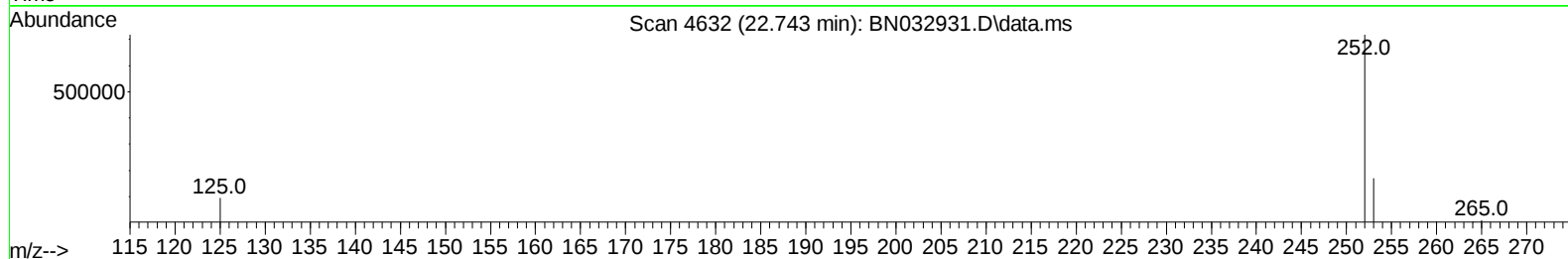
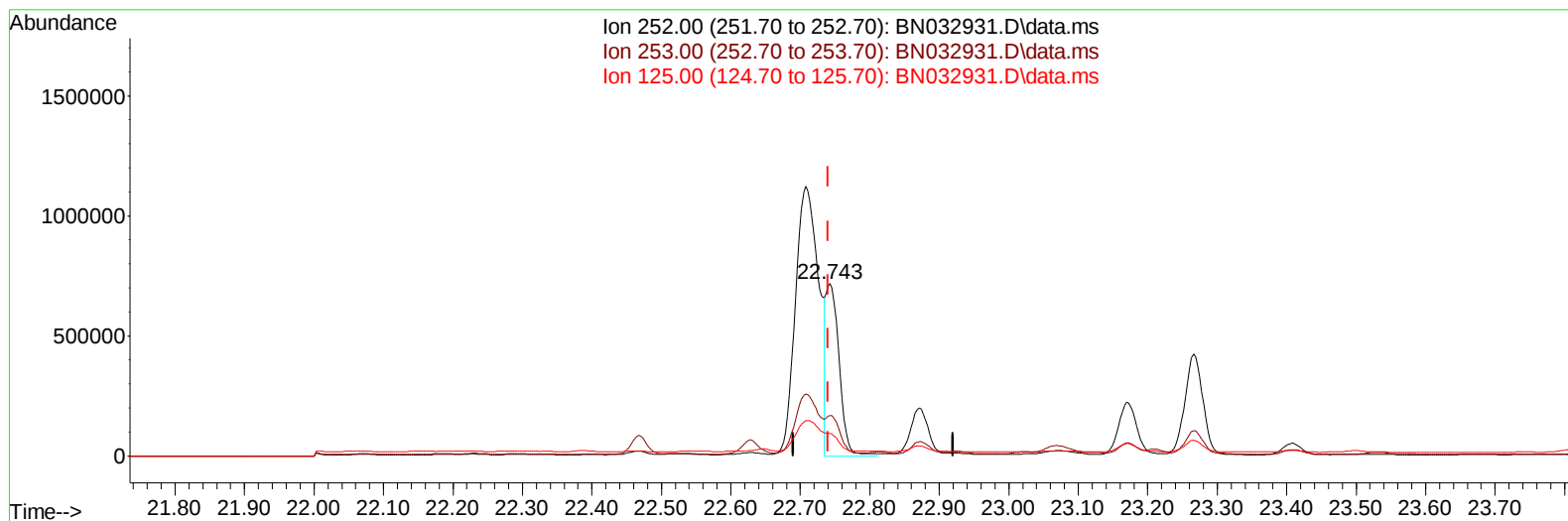
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032931.D
Acq On : 24 Jul 2024 03:57
Operator : MA/JU
Sample : P3215-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C08

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:26:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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Supervised By :mohammad ahmed 07/26/2024



TIC: BN032931.D\data.ms

(25) Benzo(k)fluoranthene

22.743min (+ 0.003) 9.24 ng/u1 m

response 973176

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	23.58
125.00	18.50	13.08#
0.00	0.00	0.00

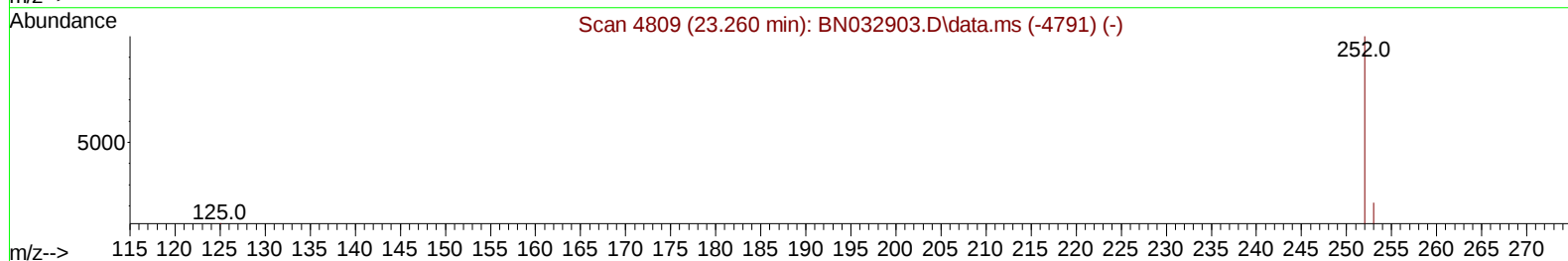
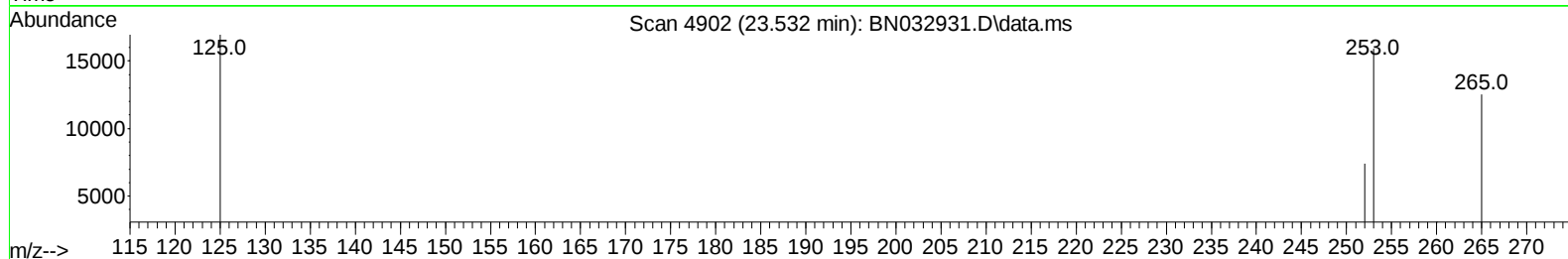
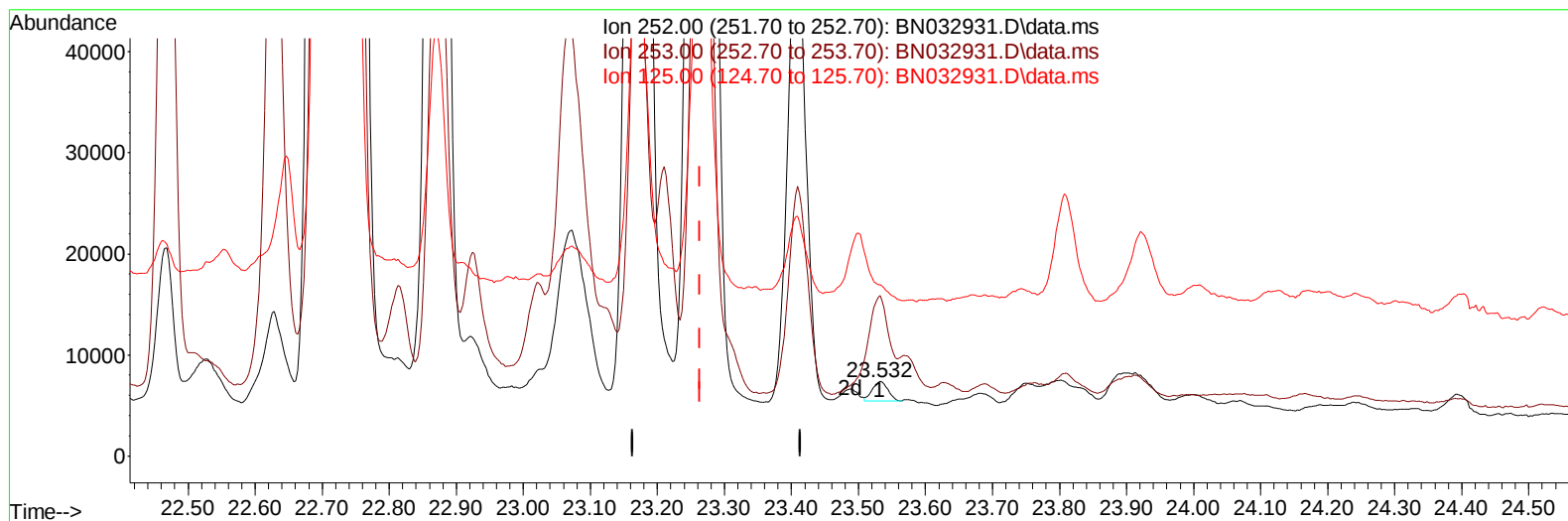
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032931.D
Acq On : 24 Jul 2024 03:57
Operator : MA/JU
Sample : P3215-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C08

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:26:43 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: BN032931.D\data.ms

(26) Benzo(a)pyrene (C)

23.532min (+ 0.269) 0.04 ng/u1

response 3105

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	215.41#
125.00	25.70	229.47#
0.00	0.00	0.00

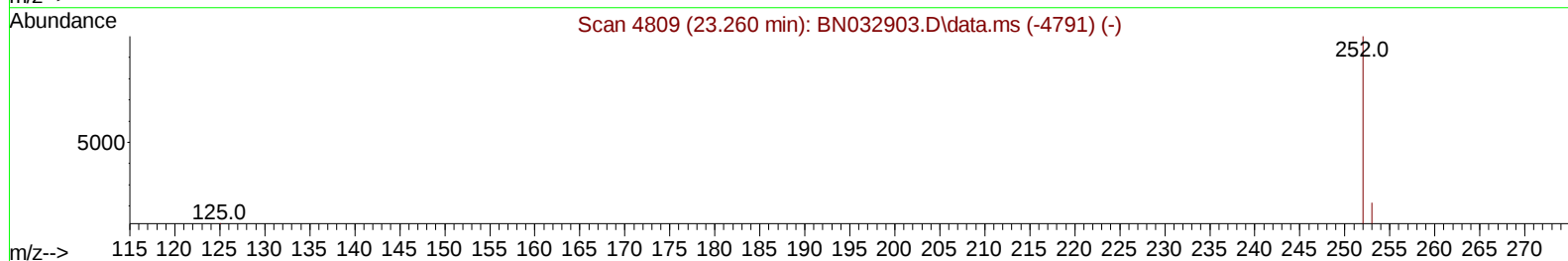
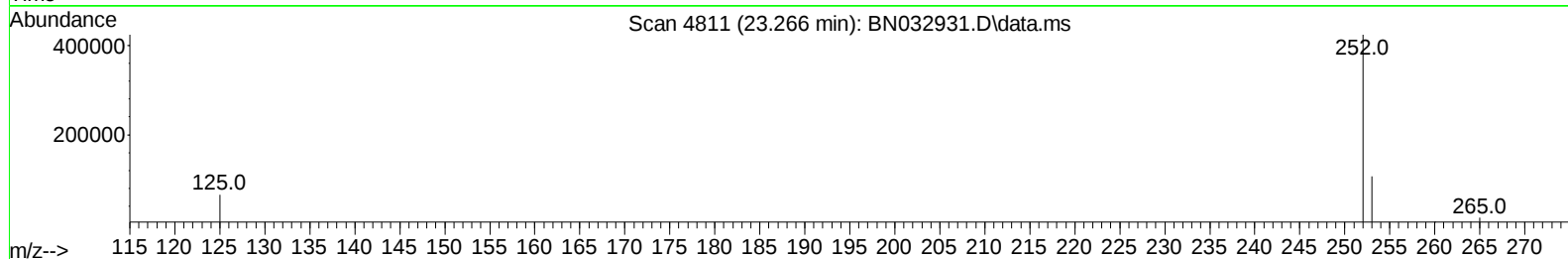
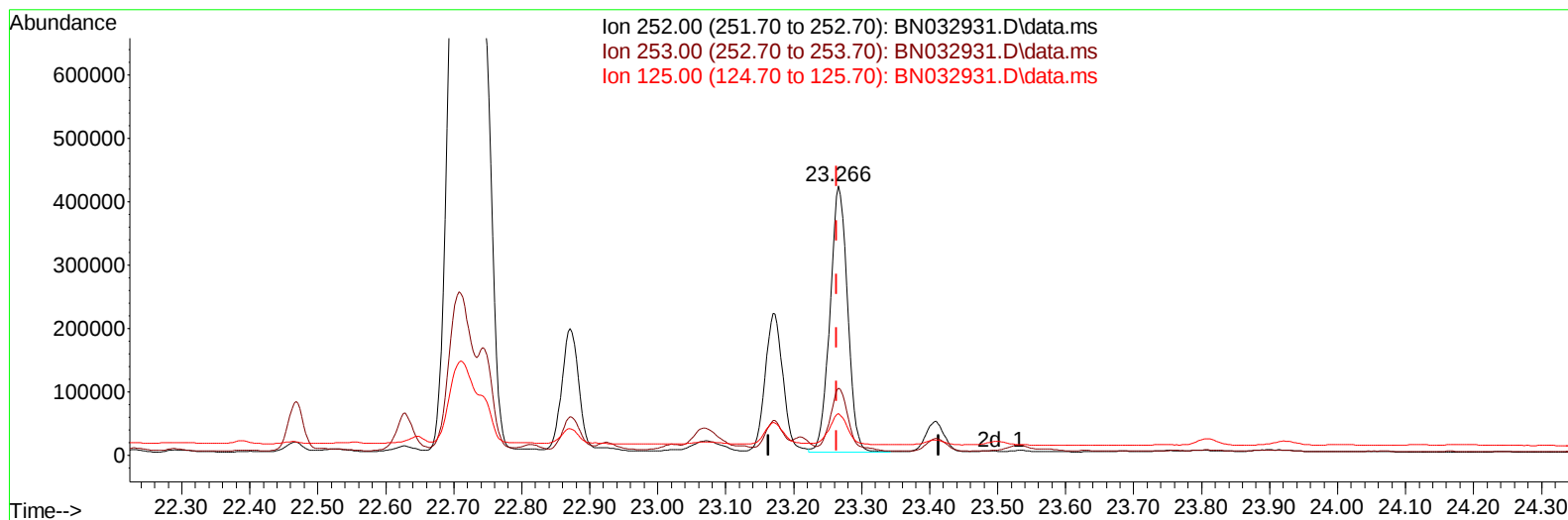
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032931.D
Acq On : 24 Jul 2024 03:57
Operator : MA/JU
Sample : P3215-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C08

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:26:43 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: BN032931.D\data.ms

(26) Benzo(a)pyrene (C)

23.266min (+ 0.003) 10.07 ng/ul m

response 753013

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	25.00#
125.00	25.70	15.43#
0.00	0.00	0.00

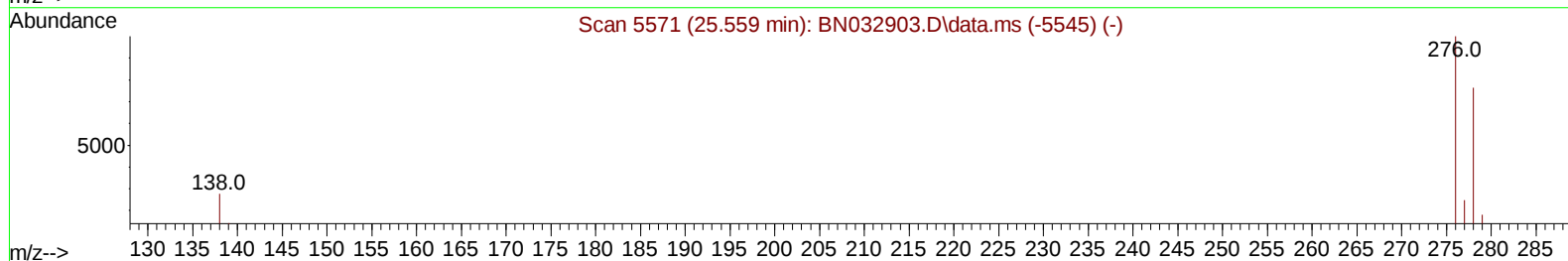
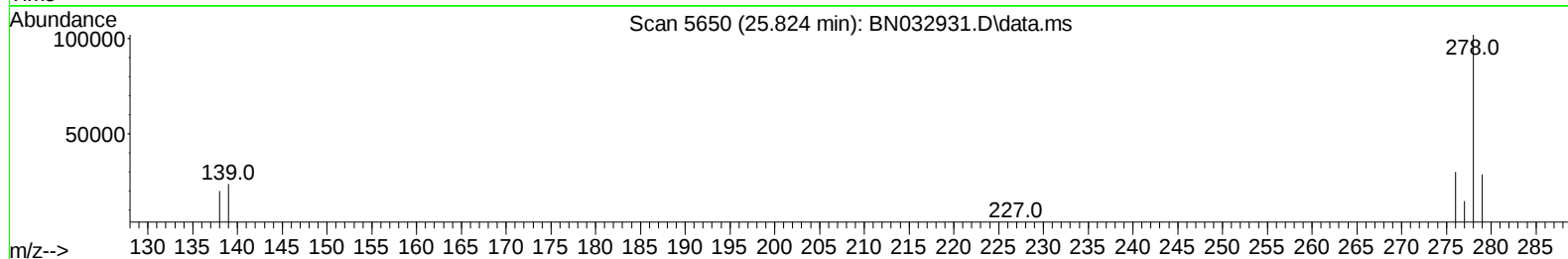
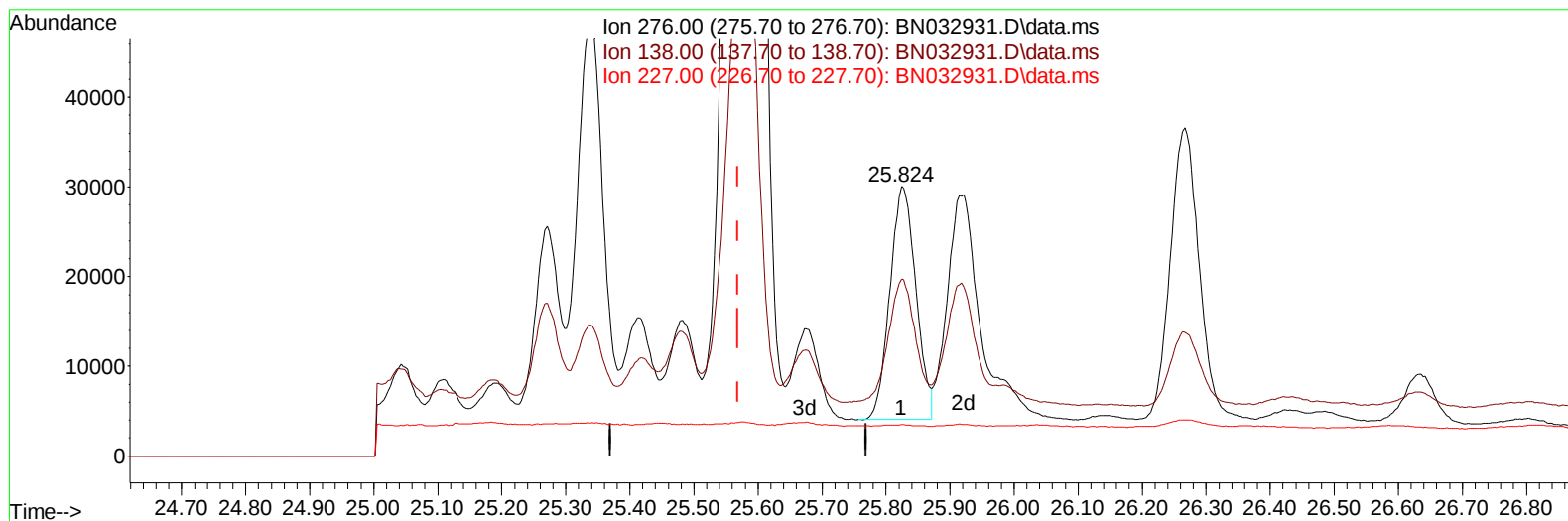
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032931.D
 Acq On : 24 Jul 2024 03:57
 Operator : MA/JU
 Sample : P3215-05
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C08

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:26:43 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: BN032931.D\data.ms

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

25.824min (+ 0.255) 0.73 ng/u1

response 73674

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	54.23#
227.00	0.00	0.38#
0.00	0.00	0.00

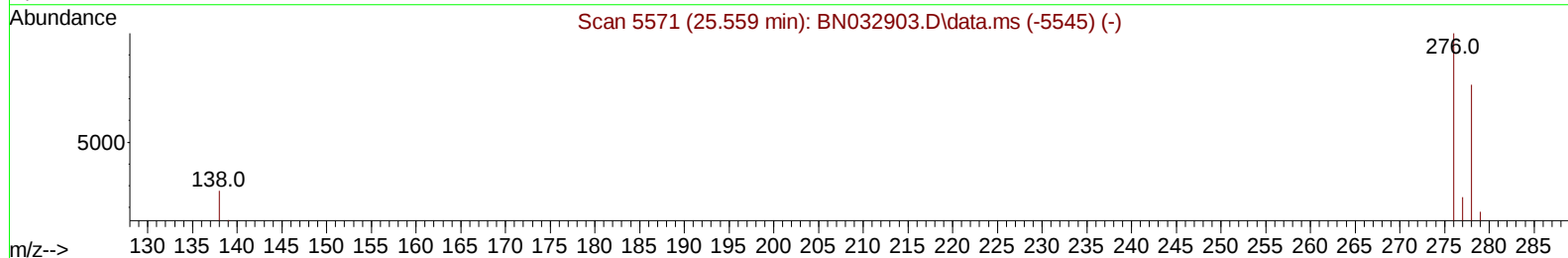
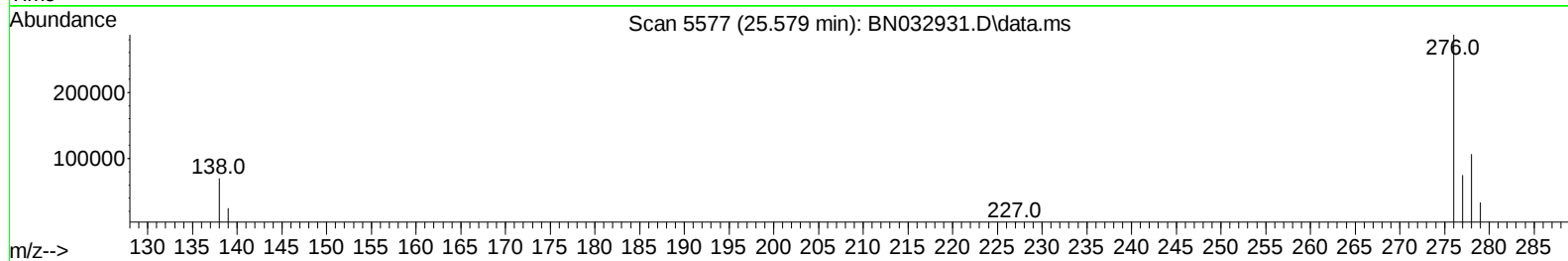
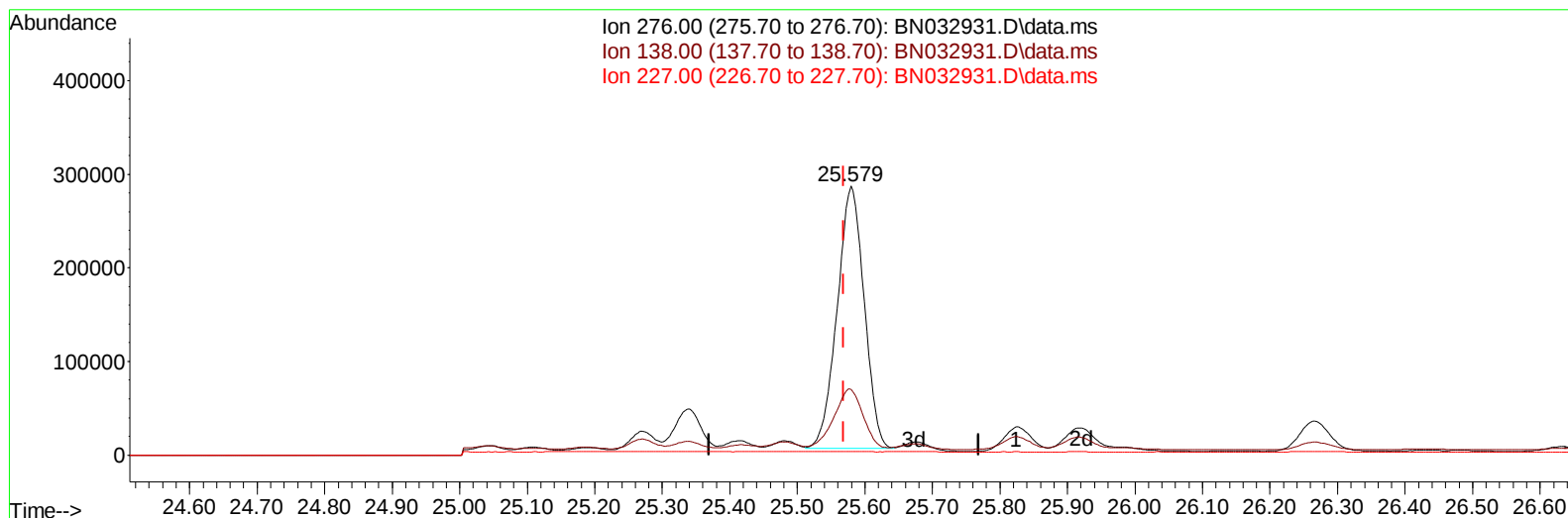
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032931.D
Acq On : 24 Jul 2024 03:57
Operator : MA/JU
Sample : P3215-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C08

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:26:43 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: BN032931.D\data.ms

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

25.579min (+ 0.010) 7.66 ng/u1 m

response 775429

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	5.15#
227.00	0.00	0.04#
0.00	0.00	0.00

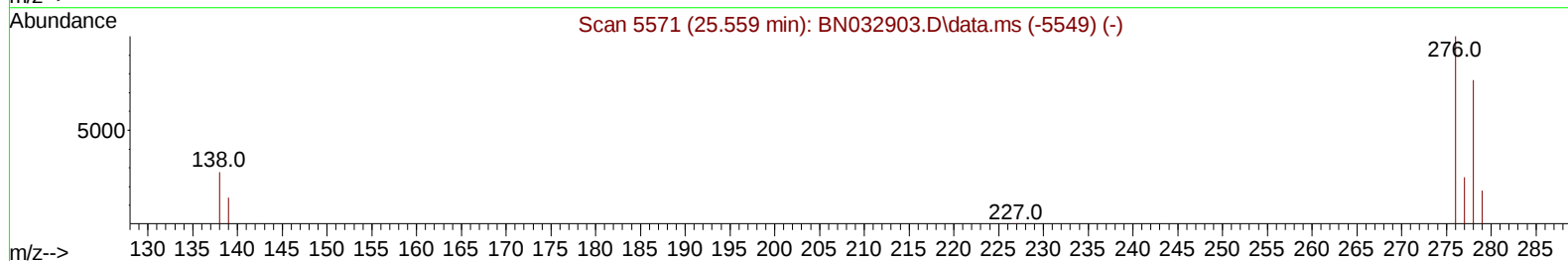
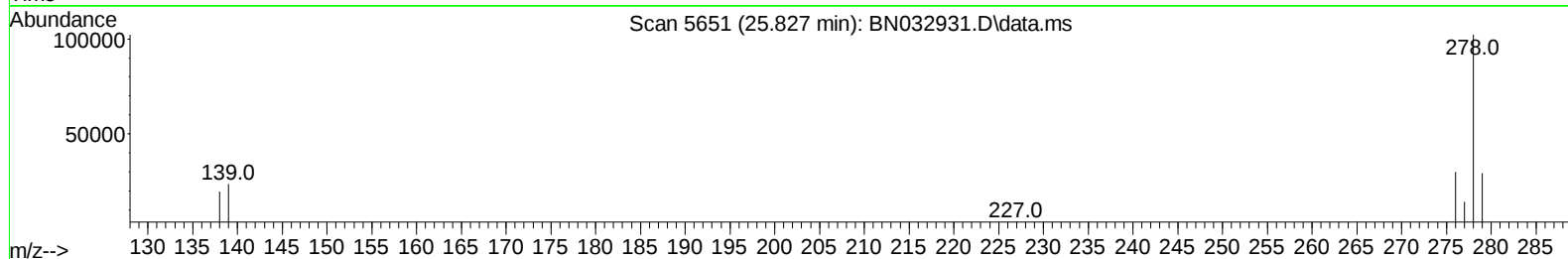
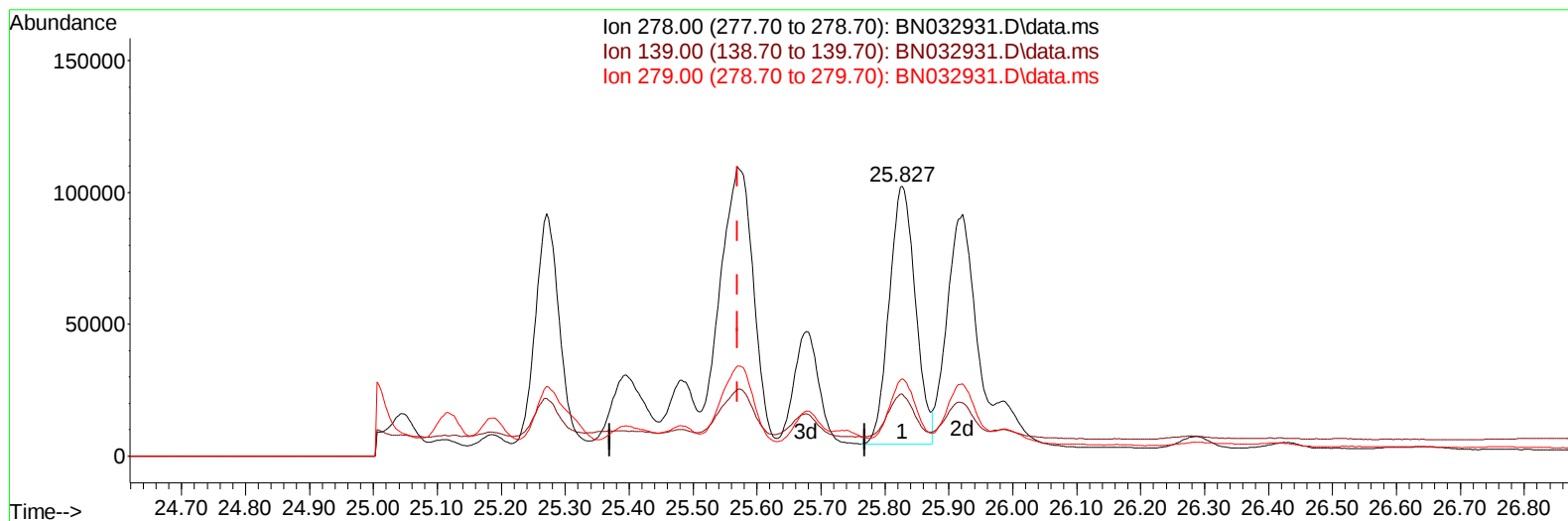
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032931.D
 Acq On : 24 Jul 2024 03:57
 Operator : MA/JU
 Sample : P3215-05
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C08

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:26:43 2024
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TIC: BN032931.D\data.ms

(28) Dibenzo(a,h)anthracene

25.827min (+ 0.258) 3.56 ng/u1

response 279081

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	22.96
279.00	29.60	28.63
0.00	0.00	0.00

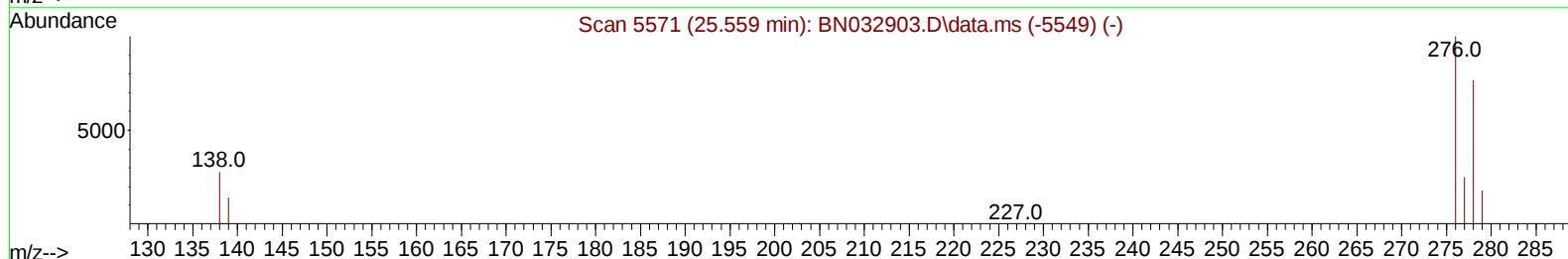
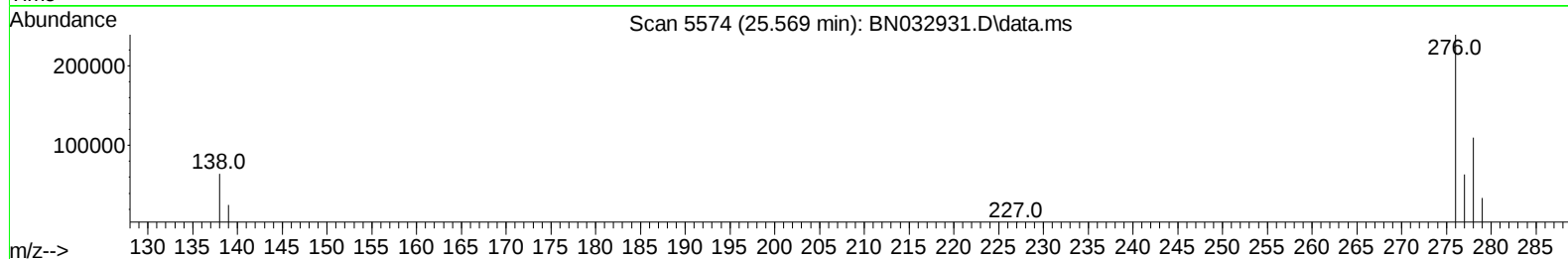
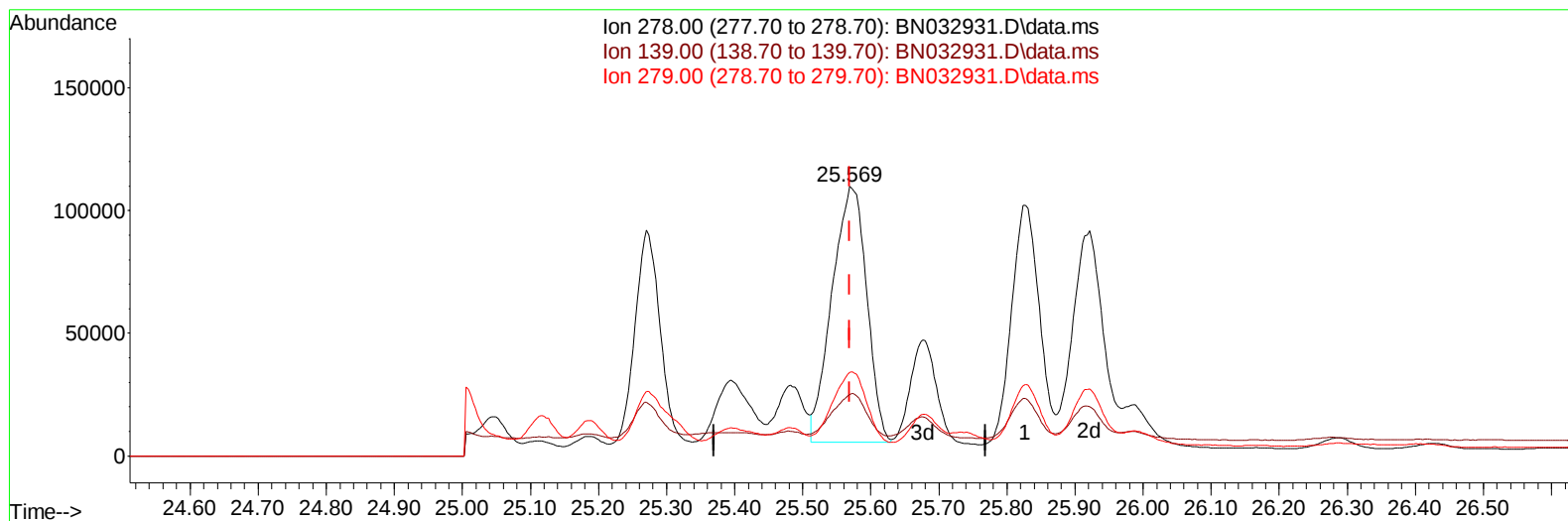
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032931.D
Acq On : 24 Jul 2024 03:57
Operator : MA/JU
Sample : P3215-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C08

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:26:43 2024
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QLast Update : Sat Jul 20 01:52:15 2024
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TIC: BN032931.D\data.ms

(28) Dibenzo(a,h)anthracene

25.569min (-0.000) 4.69 ng/u1 m

response 368019

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	22.85
279.00	29.60	31.14
0.00	0.00	0.00

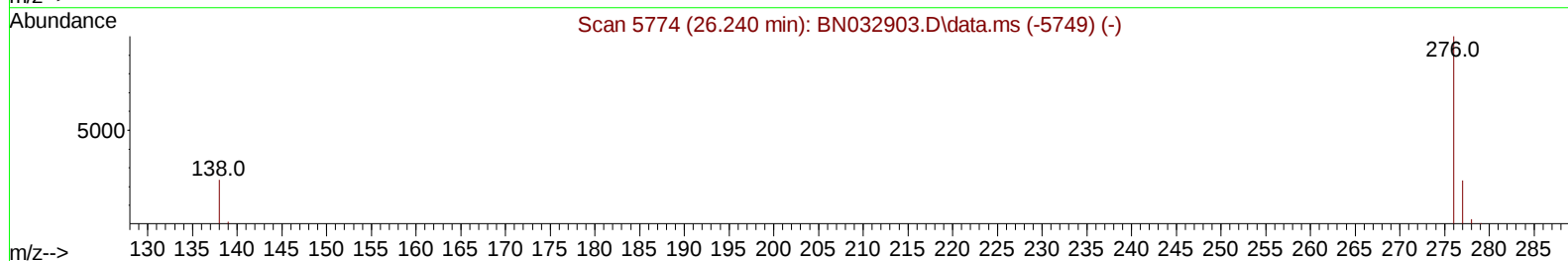
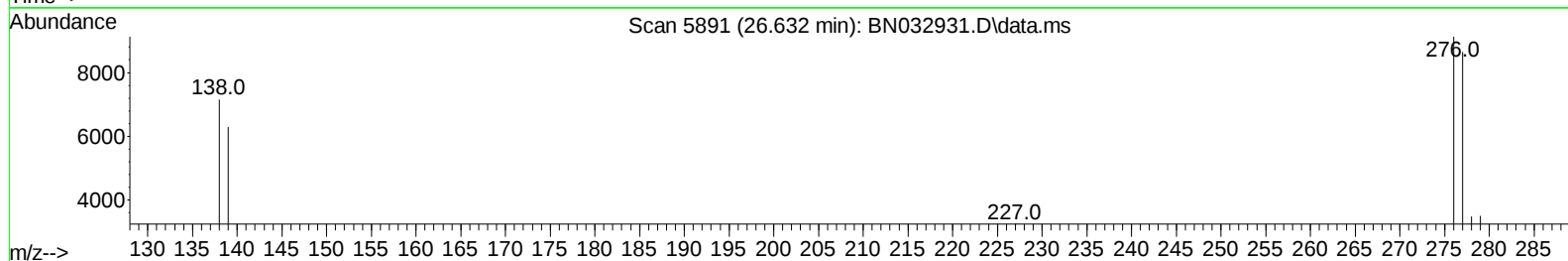
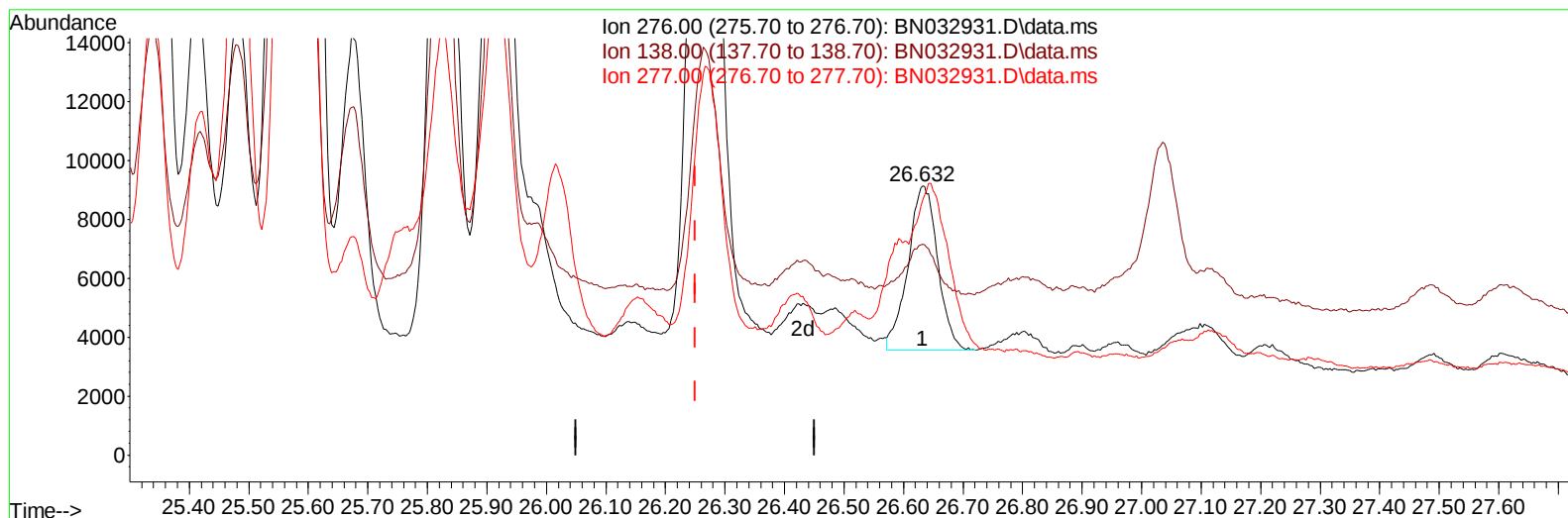
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032931.D
Acq On : 24 Jul 2024 03:57
Operator : MA/JU
Sample : P3215-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C08

Manual IntegrationsAPPROVED

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TIC: BN032931.D\data.ms

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

26.632min (+ 0.382) 0.23 ng/u1

response 19254

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	78.45#
277.00	25.80	94.86#
0.00	0.00	0.00

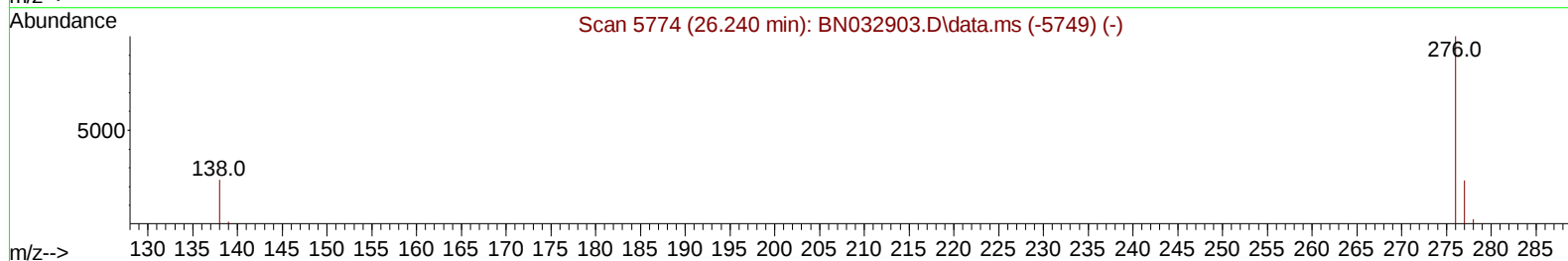
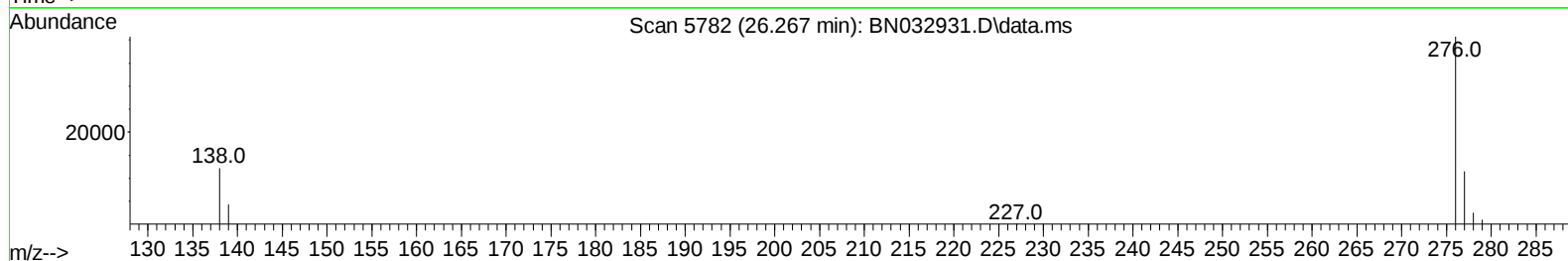
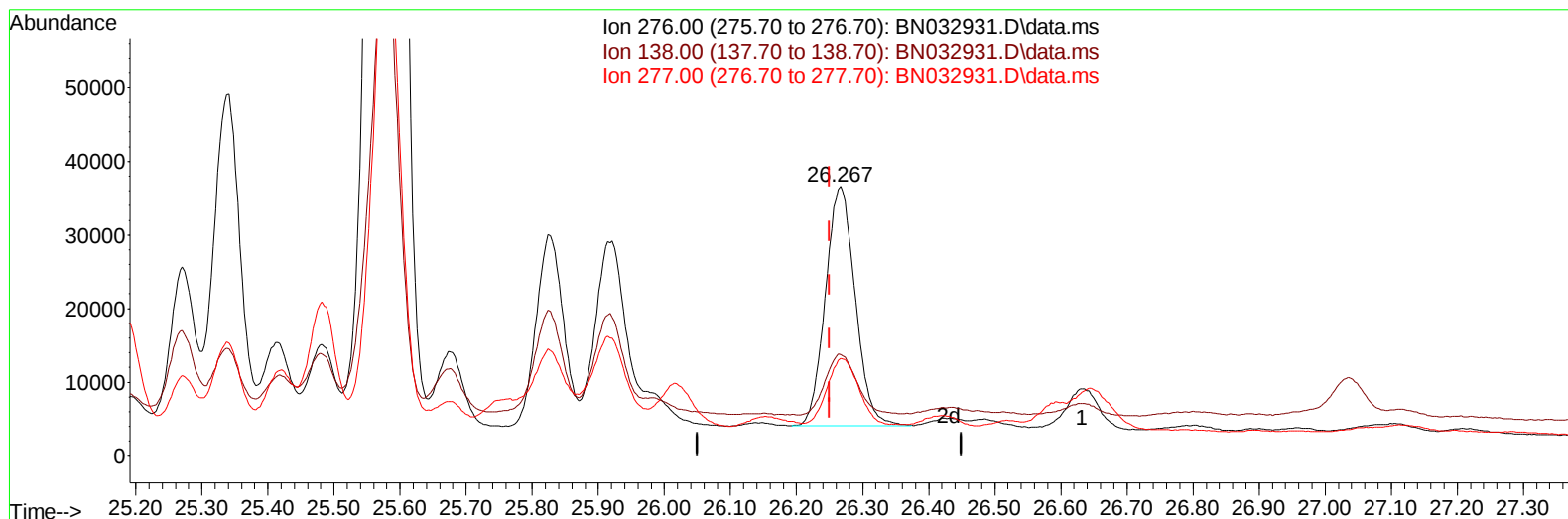
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032931.D
 Acq On : 24 Jul 2024 03:57
 Operator : MA/JU
 Sample : P3215-05
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C08

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:26:43 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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Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/26/2024



TIC: BN032931.D\data.ms

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

26.267min (+ 0.017) 1.20 ng/ul m

response 101685

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	37.63#
277.00	25.80	36.11#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032931.D
 Acq On : 24 Jul 2024 03:57
 Operator : MA/JU
 Sample : P3215-05
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C08

Manual IntegrationsAPPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.523	152	4673	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.294	136	16739	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.179	164	11683	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.944	188	28416m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.165	240	15943m	0.400	ng/ul	0.00
23) Perylene-d12	23.360	264	24486m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	15873	2.829	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.894	152	5795	0.229	ng/ul	-0.03
18) Fluoranthene-d10	18.990	212	13293m	0.256	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.343	128	94068	2.093	ng/ul	97
7) 2-Methylnaphthalene	11.966	142	39787	1.418	ng/ul	97
8) 1-Methylnaphthalene	12.191	142	34047	1.173	ng/ul	99
10) Acenaphthylene	13.897	152	142808	3.026	ng/ul	100
11) Acenaphthene	14.239	153	162317	4.158	ng/ul	98
12) Fluorene	15.238	166	183118	4.104	ng/ul	98
14) Pentachlorophenol	16.623	266	408m	0.082	ng/ul	
15) Phenanthrene	16.986	178	2979008m	38.494	ng/ul	
16) Anthracene	17.075	178	641793m	10.151	ng/ul	
19) Fluoranthene	19.027	202	4626774m	71.378	ng/ul	
20) Pyrene	19.389	202	2930942m	43.683	ng/ul	
21) Benzo(a)anthracene	21.147	228	2044109m	40.279	ng/ul	
22) Chrysene	21.200	228	2106665m	28.696	ng/ul	
24) Benzo(b)fluoranthene	22.708	252	2611629m	30.229	ng/ul	
25) Benzo(k)fluoranthene	22.743	252	973176m	9.243	ng/ul	
26) Benzo(a)pyrene	23.266	252	753013m	10.072	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.579	276	775429m	7.660	ng/ul	
28) Dibenzo(a,h)anthracene	25.569	278	368019m	4.690	ng/ul	
29) Benzo(g,h,i)perylene	26.267	276	101685m	1.202	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032931.D
Acq On : 24 Jul 2024 03:57
Operator : MA/JU
Sample : P3215-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C08

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:26:43 2024
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