

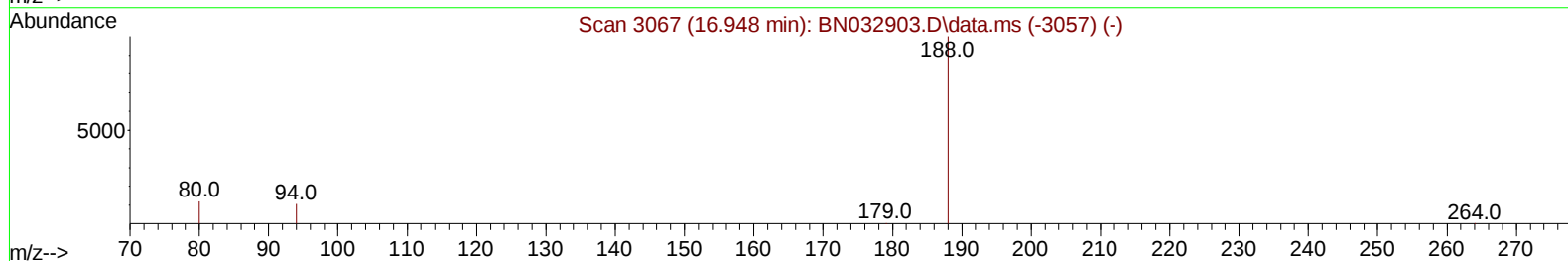
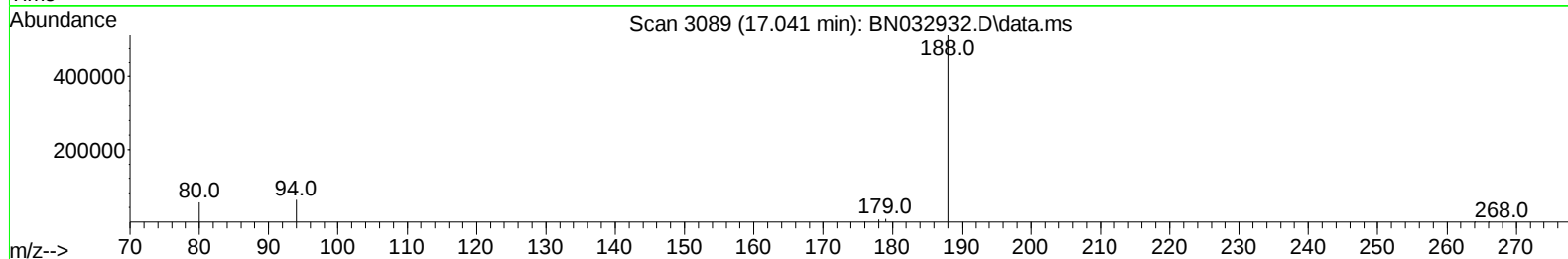
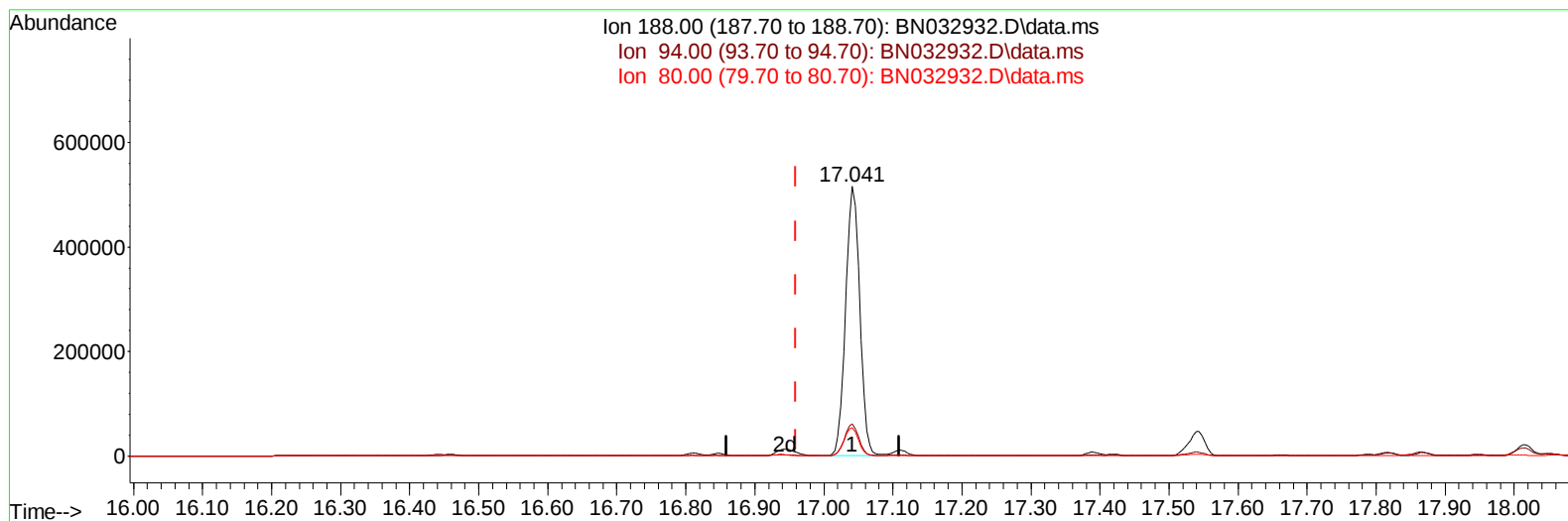
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032932.D
Acq On : 24 Jul 2024 04:33
Operator : MA/JU
Sample : P3215-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C12

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:57:37 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: BN032932.D\data.ms

(13) Phenanthrene-d10 (I)

17.041min (+ 0.082) 0.40 ng/u1

response 736833

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	11.86
80.00	12.00	10.53
0.00	0.00	0.00

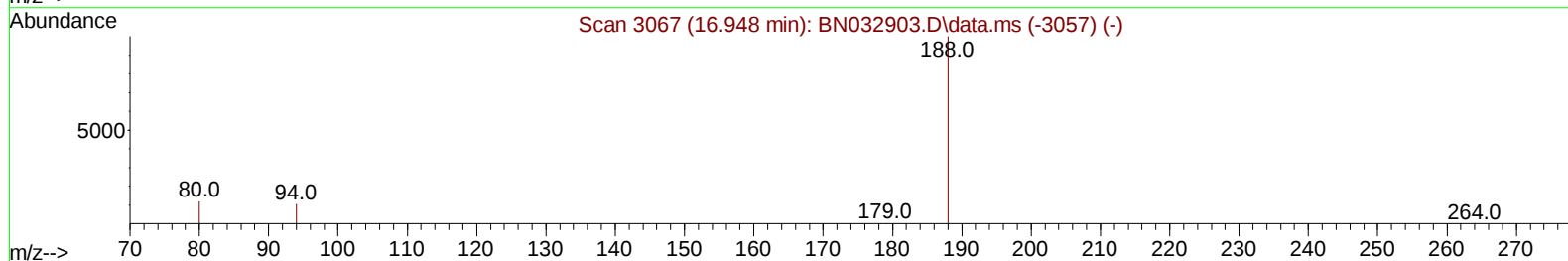
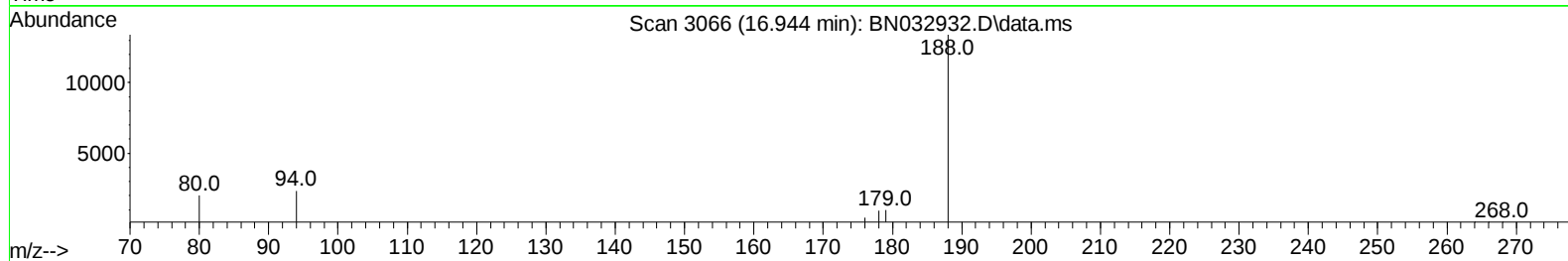
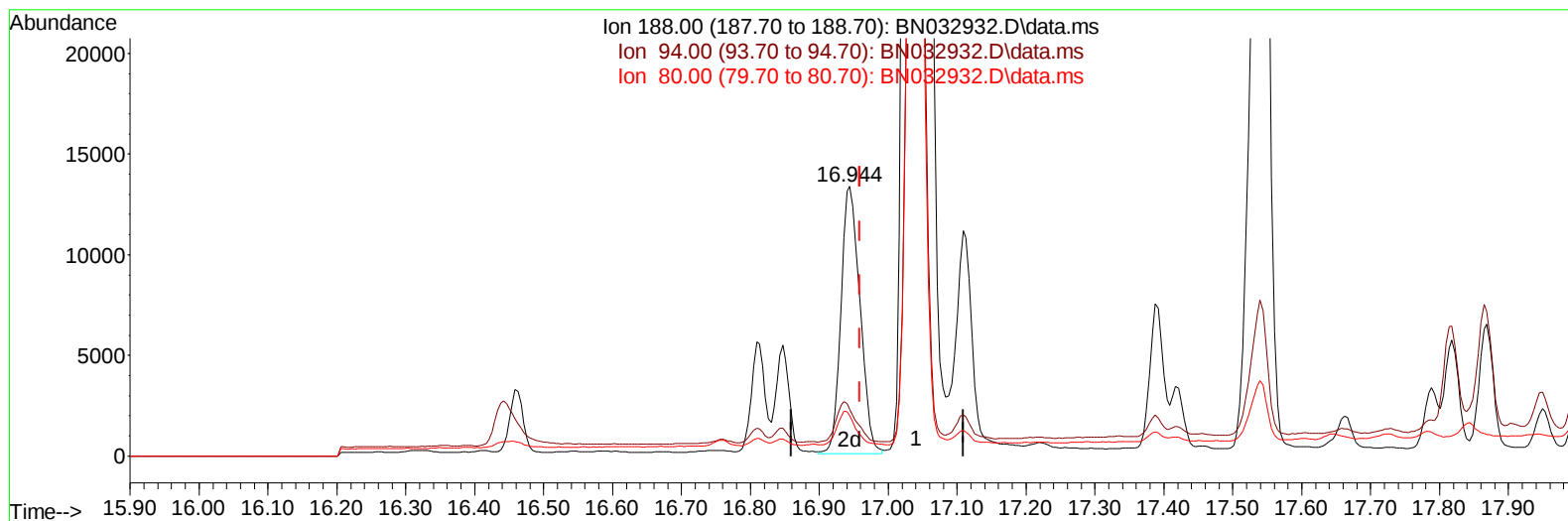
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032932.D
Acq On : 24 Jul 2024 04:33
Operator : MA/JU
Sample : P3215-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C12

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:57:37 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: BN032932.D\data.ms

(13) Phenanthrene-d10 (I)

16.944min (-0.015) 0.40 ng/u1 m

response 25556

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	17.37#
80.00	12.00	15.04#
0.00	0.00	0.00

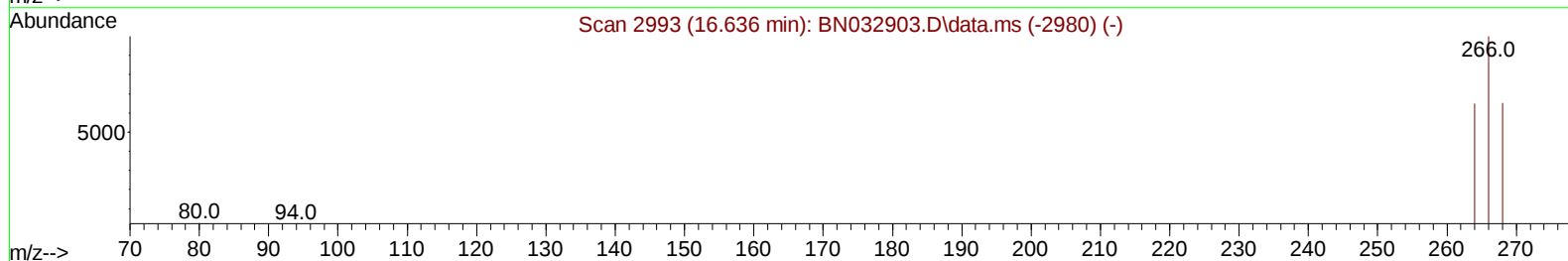
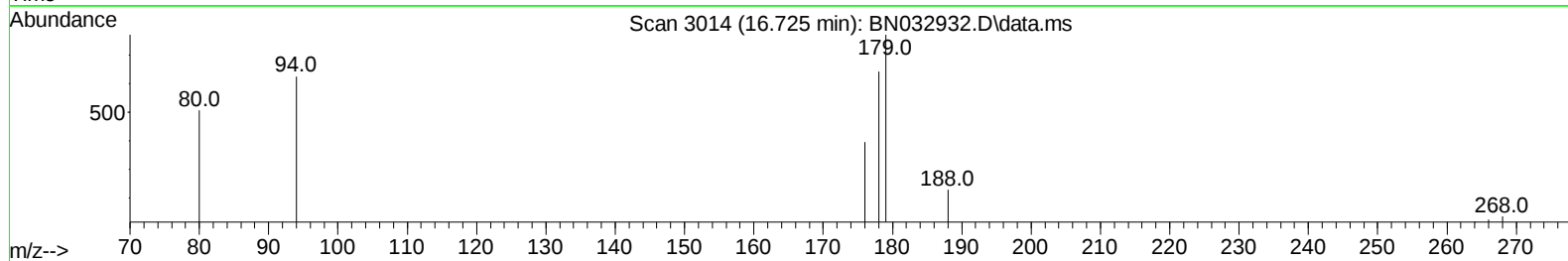
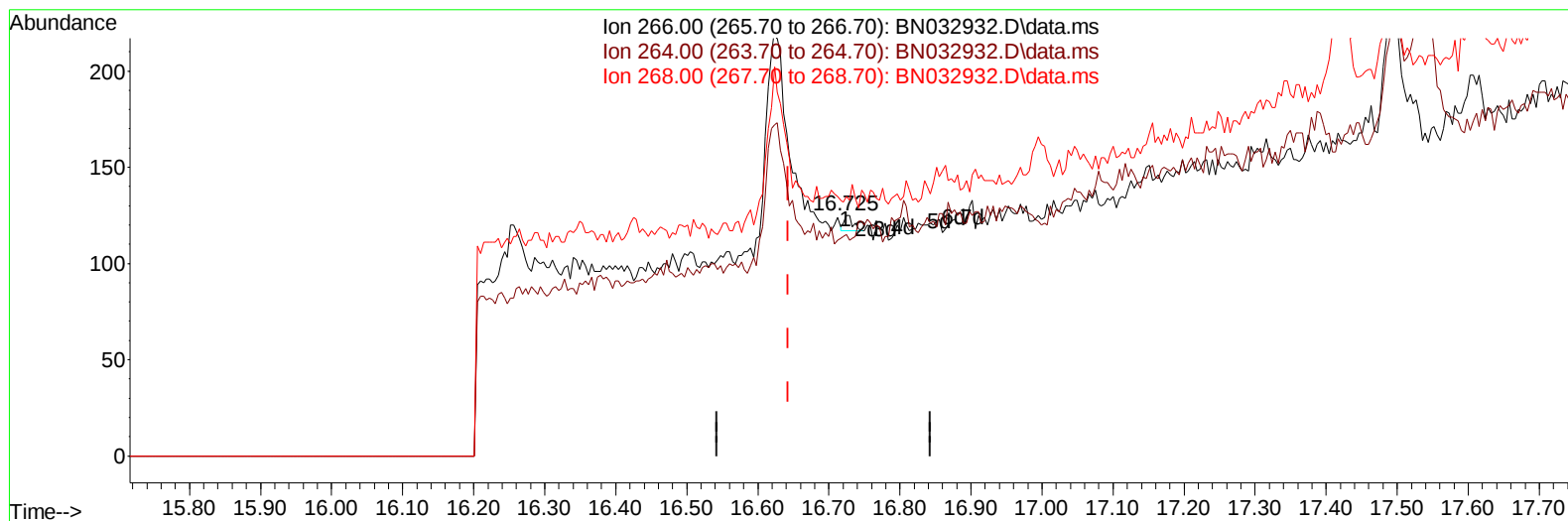
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032932.D
Acq On : 24 Jul 2024 04:33
Operator : MA/JU
Sample : P3215-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C12

Manual IntegrationsAPPROVED

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

Quant Time: Jul 24 04:57:37 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: BN032932.D\data.ms

(14) Pentachloropheno1

16.725min (+ 0.082) 0.00 ng/u1

response 7

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

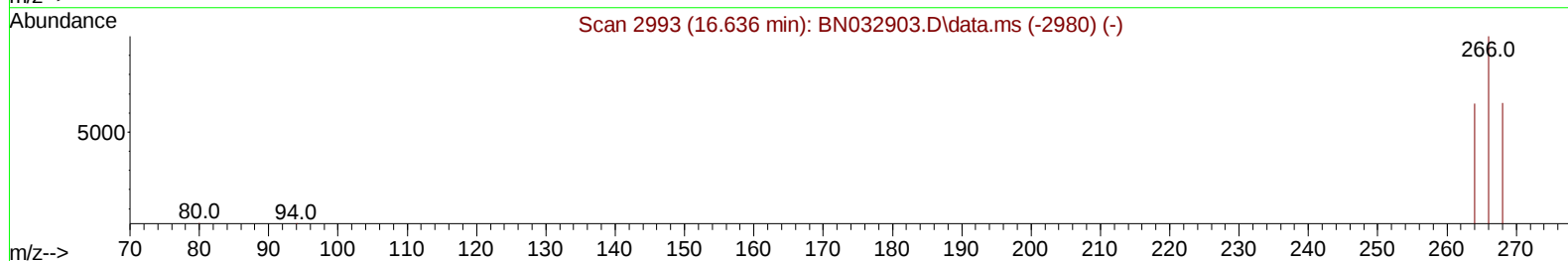
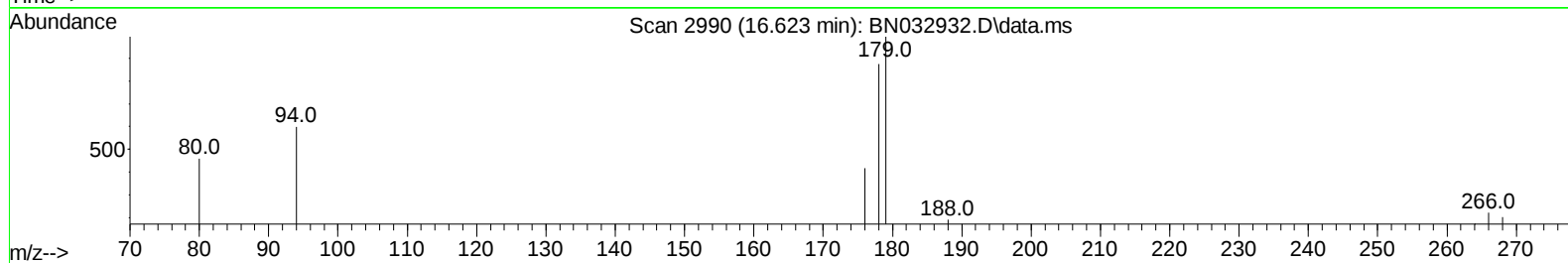
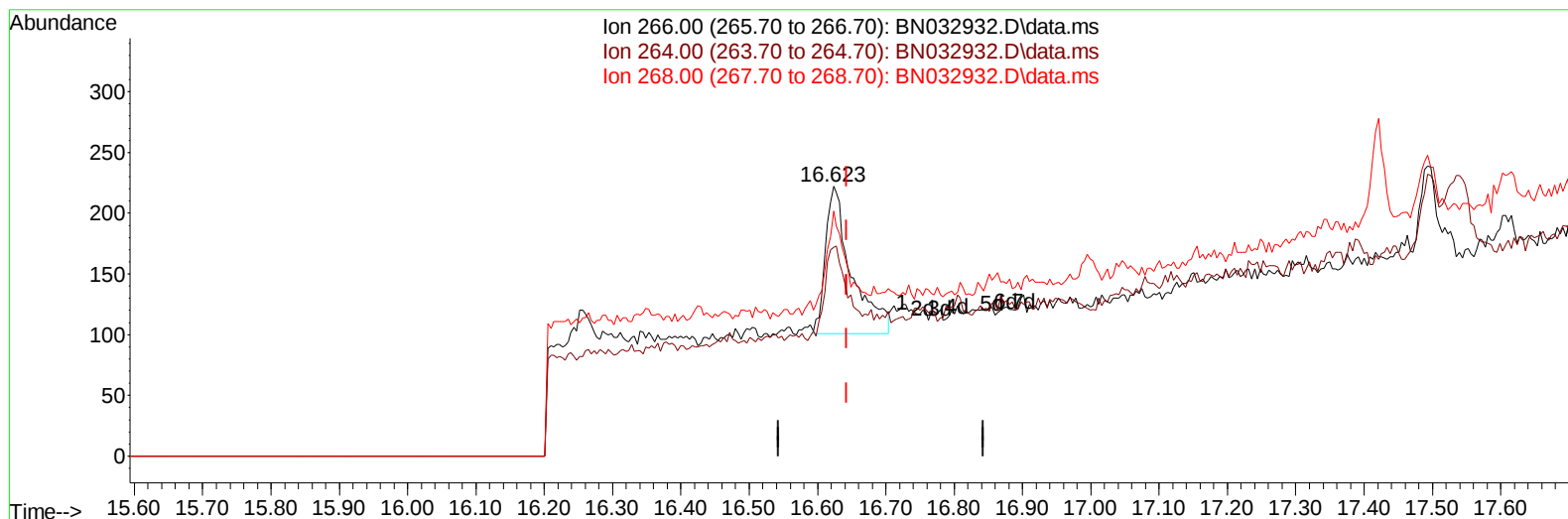
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032932.D
Acq On : 24 Jul 2024 04:33
Operator : MA/JU
Sample : P3215-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C12

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:57:37 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: BN032932.D\data.ms

(14) Pentachloropheno1

16.623min (-0.020) 0.07 ng/ul m

response 320

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	61.80	0.00#
268.00	64.50	2.19#
0.00	0.00	0.00

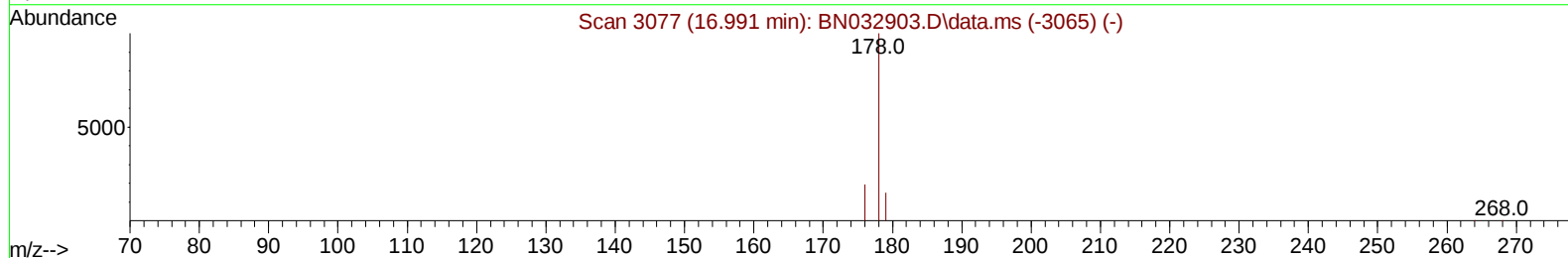
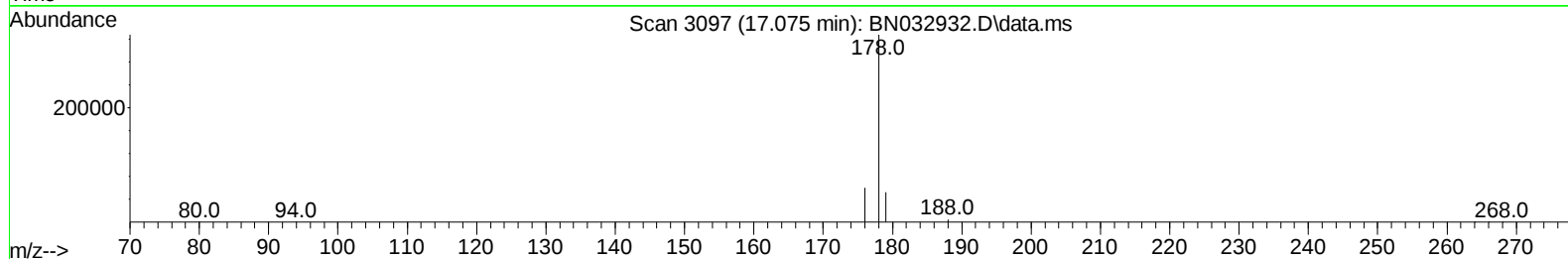
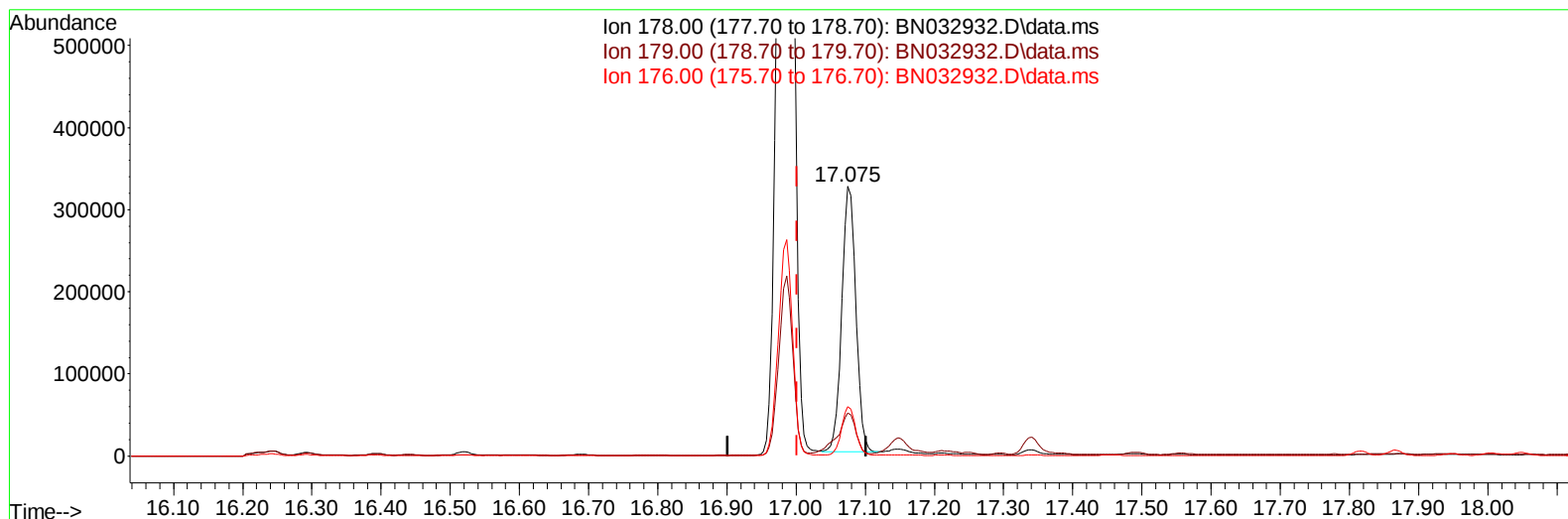
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032932.D
Acq On : 24 Jul 2024 04:33
Operator : MA/JU
Sample : P3215-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C12

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:57:37 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: BN032932.D\data.ms

(15) Phenanthrene

17.075min (+ 0.073) 6.58 ng/u1

response 457707

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	16.06
176.00	19.50	18.33
0.00	0.00	0.00

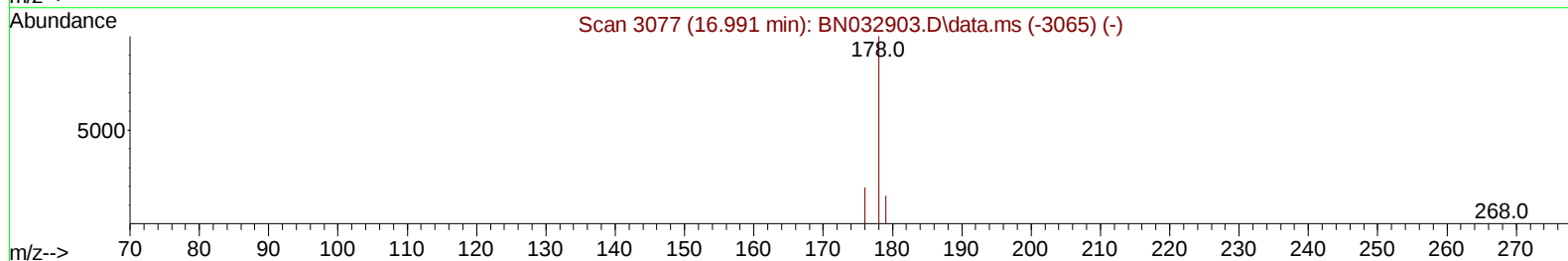
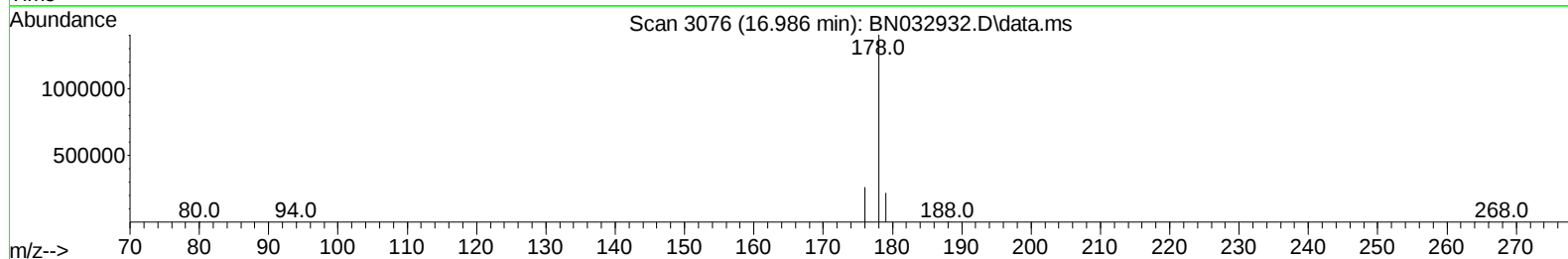
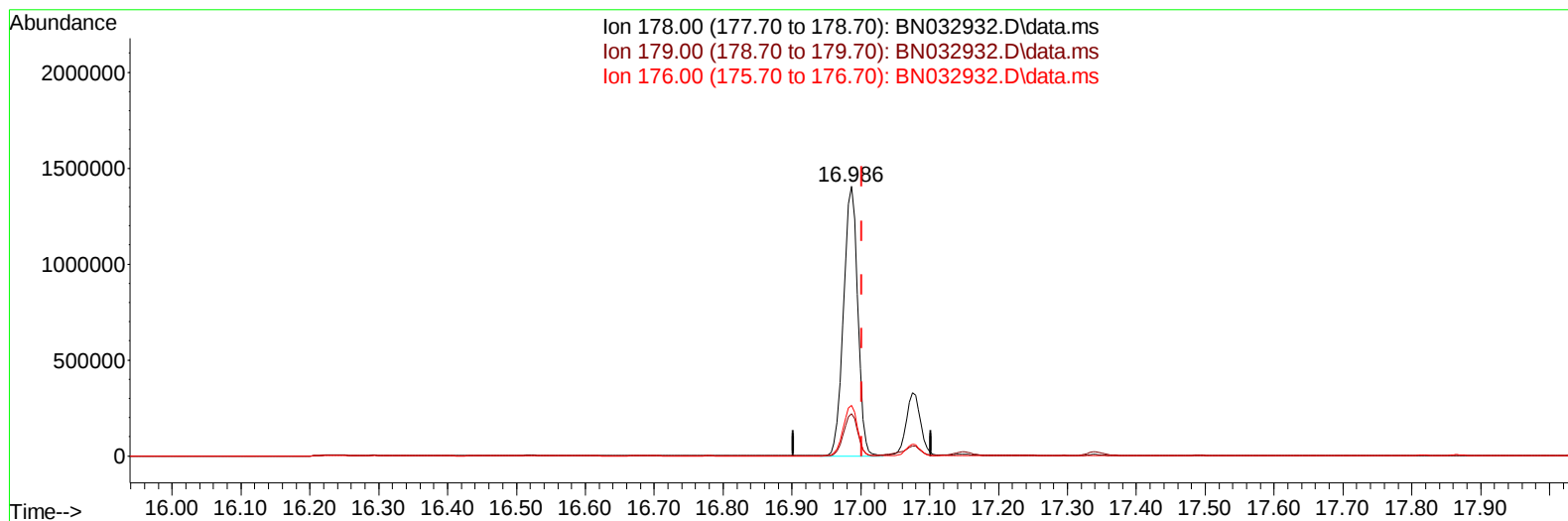
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032932.D
Acq On : 24 Jul 2024 04:33
Operator : MA/JU
Sample : P3215-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C12

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:57:37 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: BN032932.D\data.ms

(15) Phenanthrene

16.986min (-0.015) 28.89 ng/ul m

response 2011008

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.61
176.00	19.50	18.76
0.00	0.00	0.00

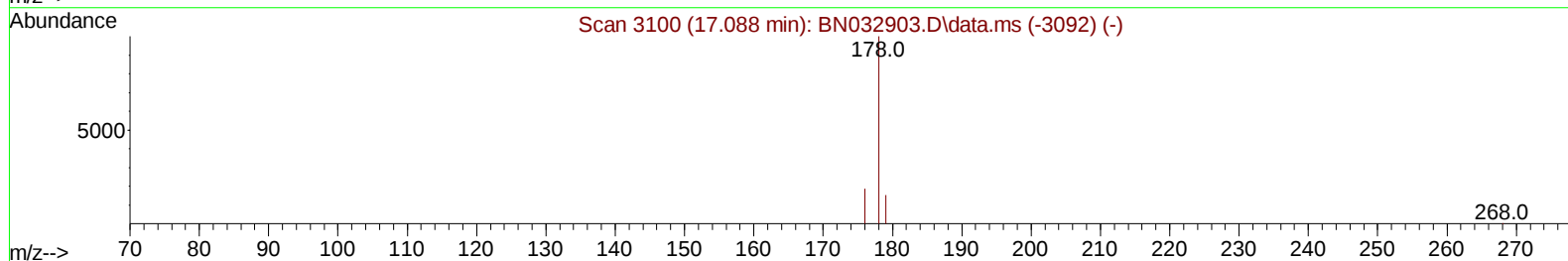
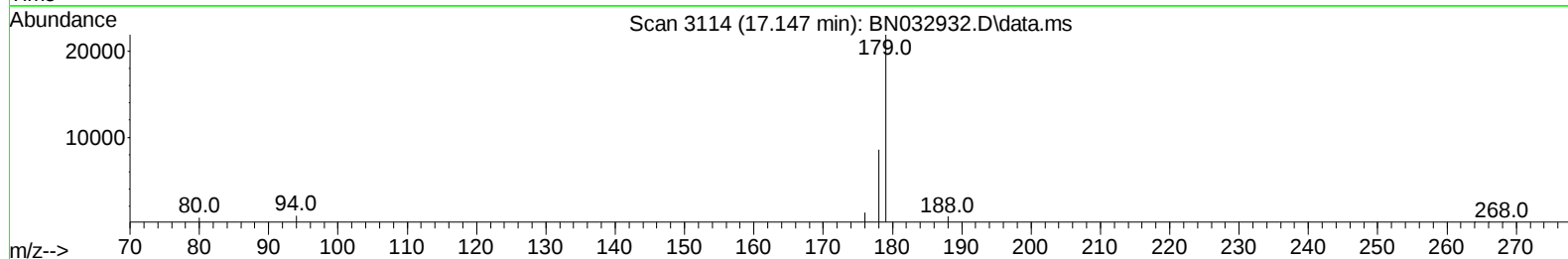
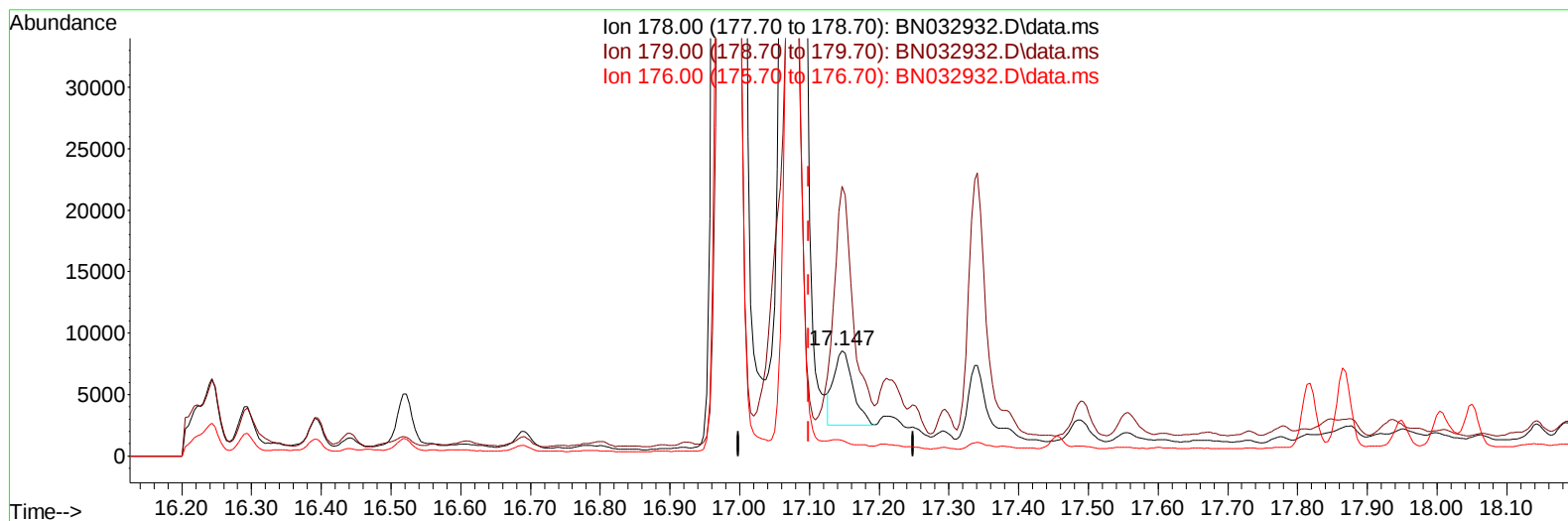
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032932.D
Acq On : 24 Jul 2024 04:33
Operator : MA/JU
Sample : P3215-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C12

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:57:37 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: BN032932.D\data.ms

(16) Anthracene

17.147min (+ 0.048) 0.21 ng/u1

response 11752

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	255.87#
176.00	19.20	14.90#
0.00	0.00	0.00

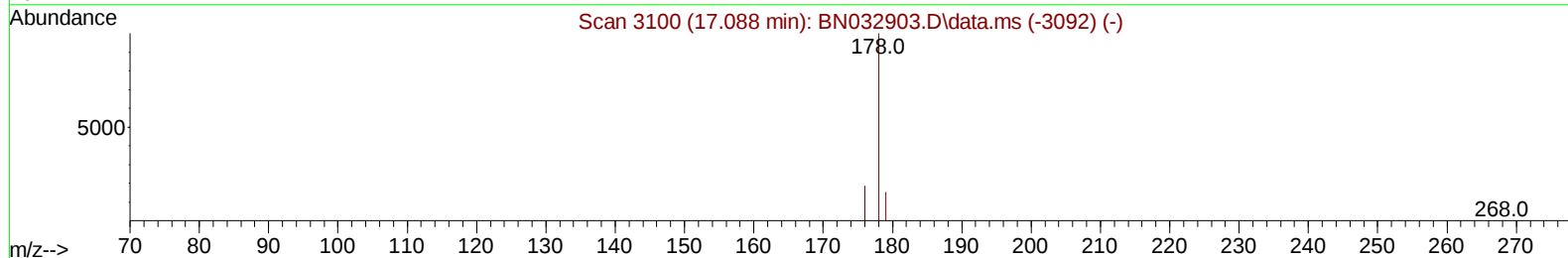
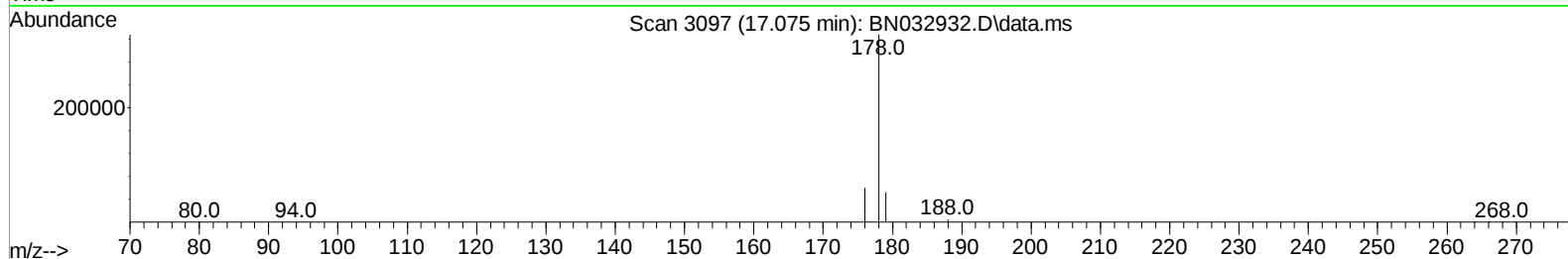
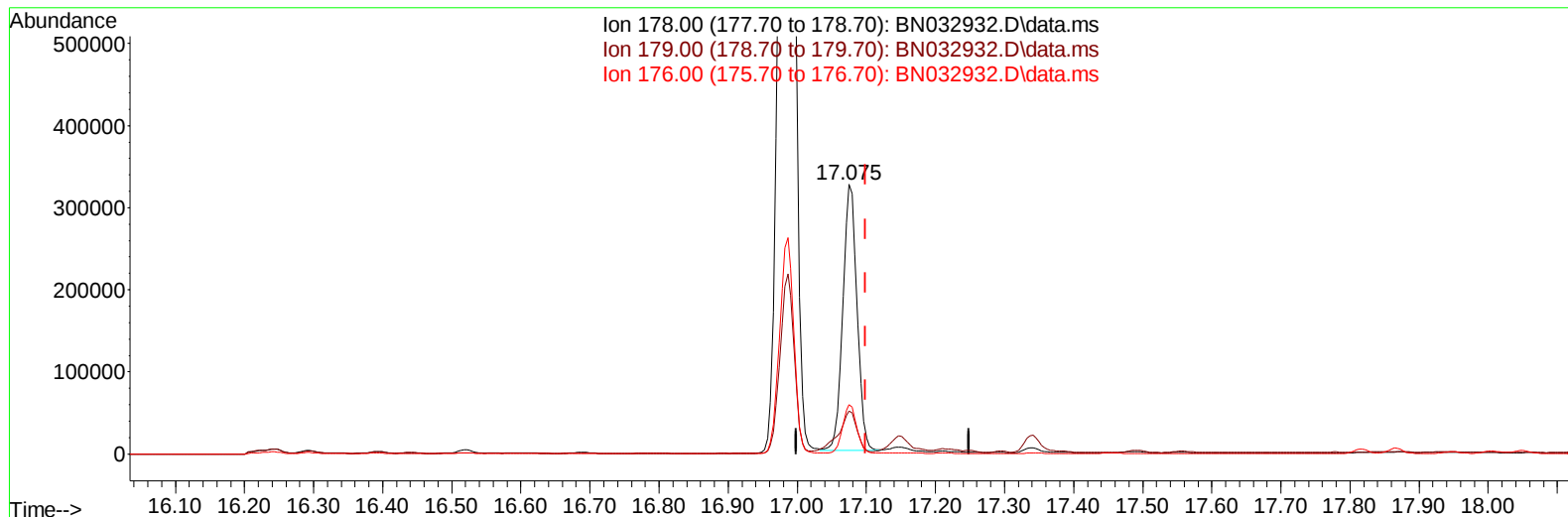
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032932.D
Acq On : 24 Jul 2024 04:33
Operator : MA/JU
Sample : P3215-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C12

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:57:37 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: BN032932.D\data.ms

(16) Anthracene

17.075min (-0.024) 8.11 ng/ul m

response 460972

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	16.06
176.00	19.20	18.33
0.00	0.00	0.00

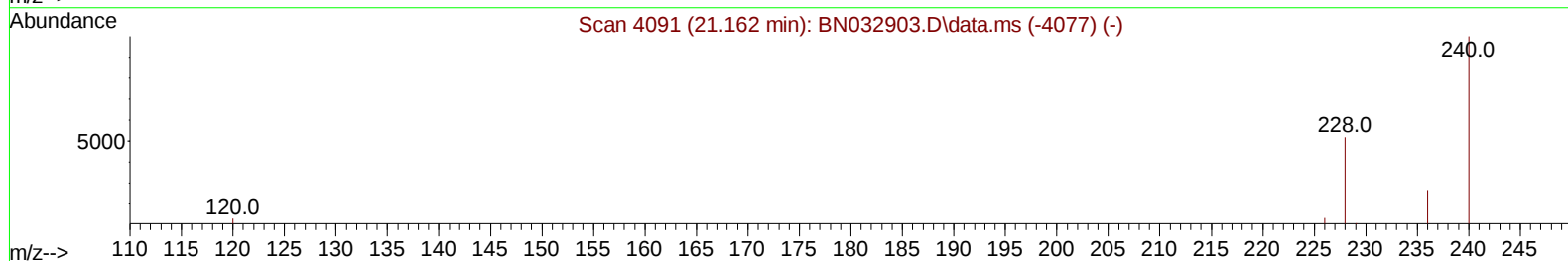
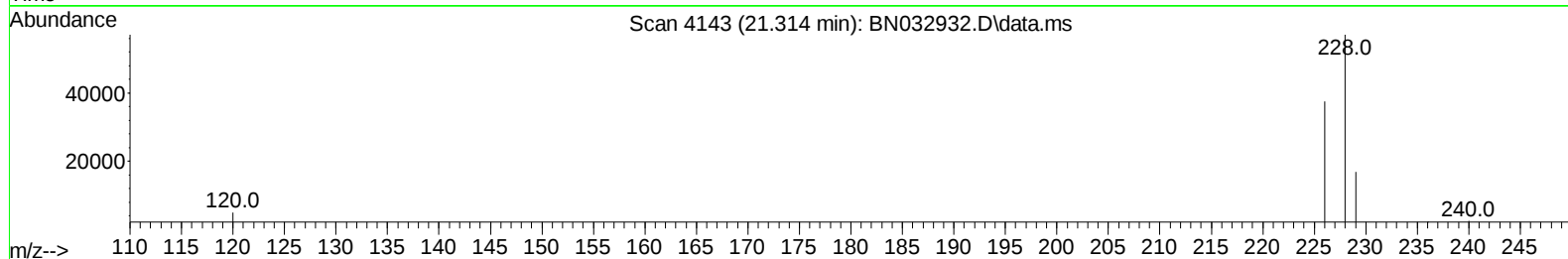
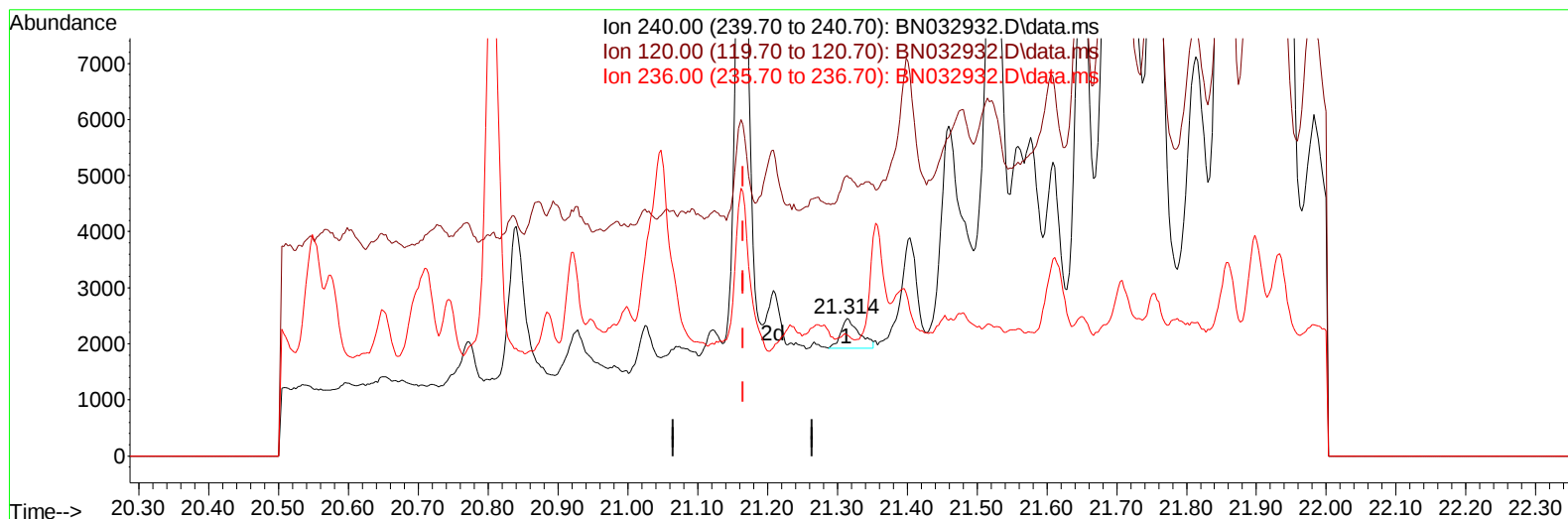
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032932.D
Acq On : 24 Jul 2024 04:33
Operator : MA/JU
Sample : P3215-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C12

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:57:37 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: BN032932.D\data.ms

(17) Chrysene-d12

21.314min (+ 0.149) 0.40 ng/u1

response 975

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	203.63#
236.00	28.40	88.10#
0.00	0.00	0.00

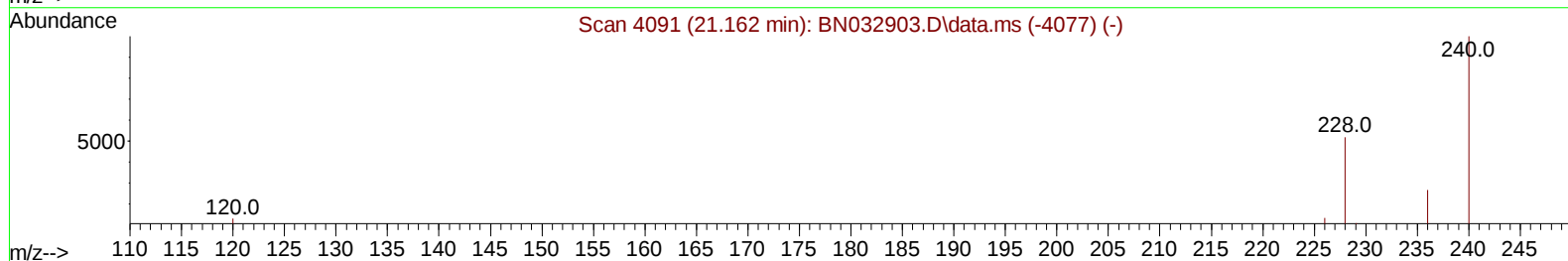
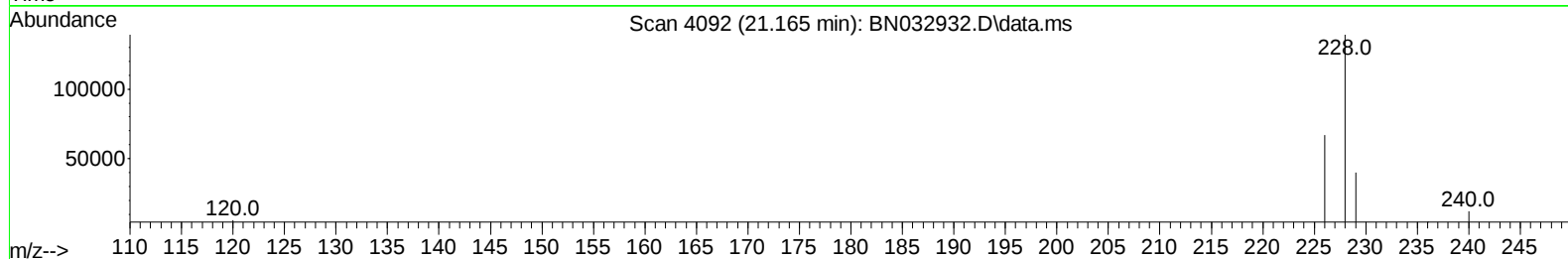
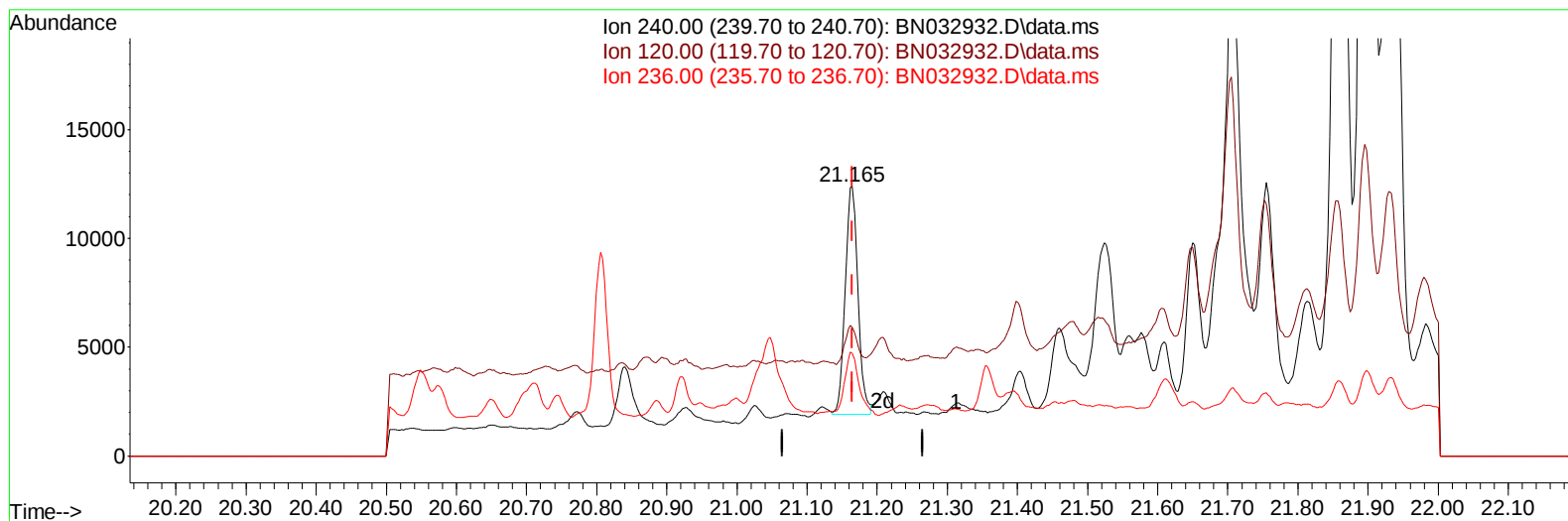
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032932.D
Acq On : 24 Jul 2024 04:33
Operator : MA/JU
Sample : P3215-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C12

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:57:37 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: BN032932.D\data.ms

(17) Chrysene-d12

21.165min (-0.000) 0.40 ng/u1 m

response 13187

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	47.75#
236.00	28.40	38.03#
0.00	0.00	0.00

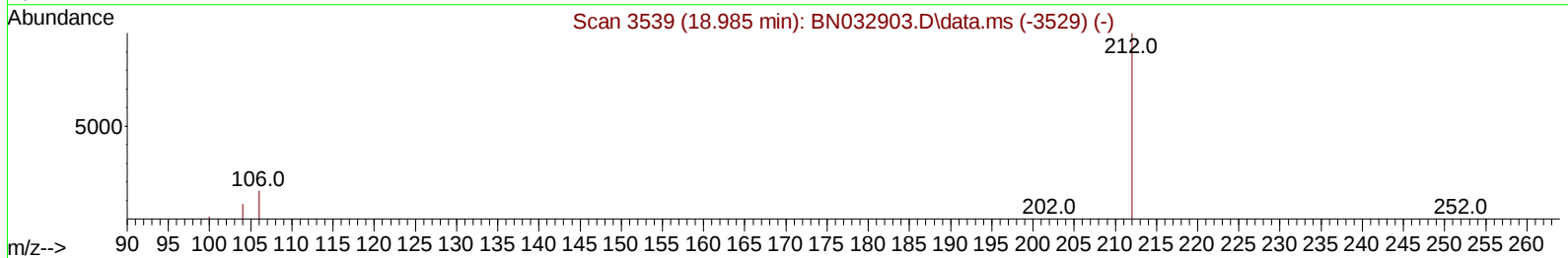
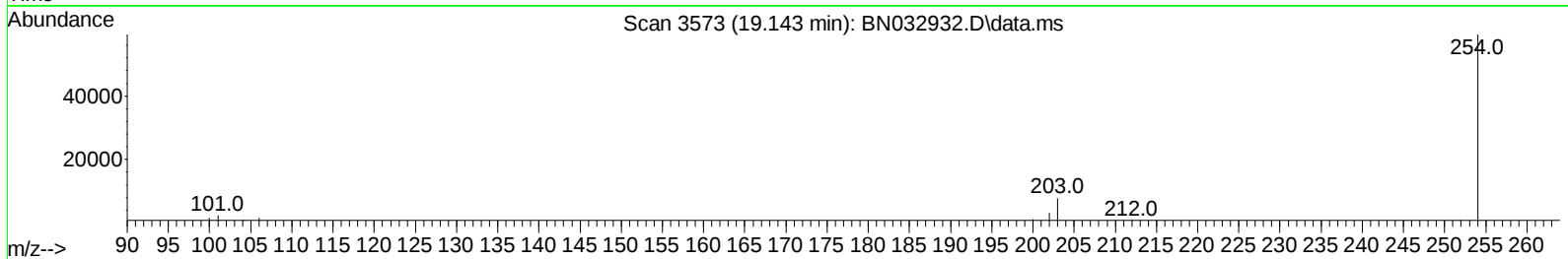
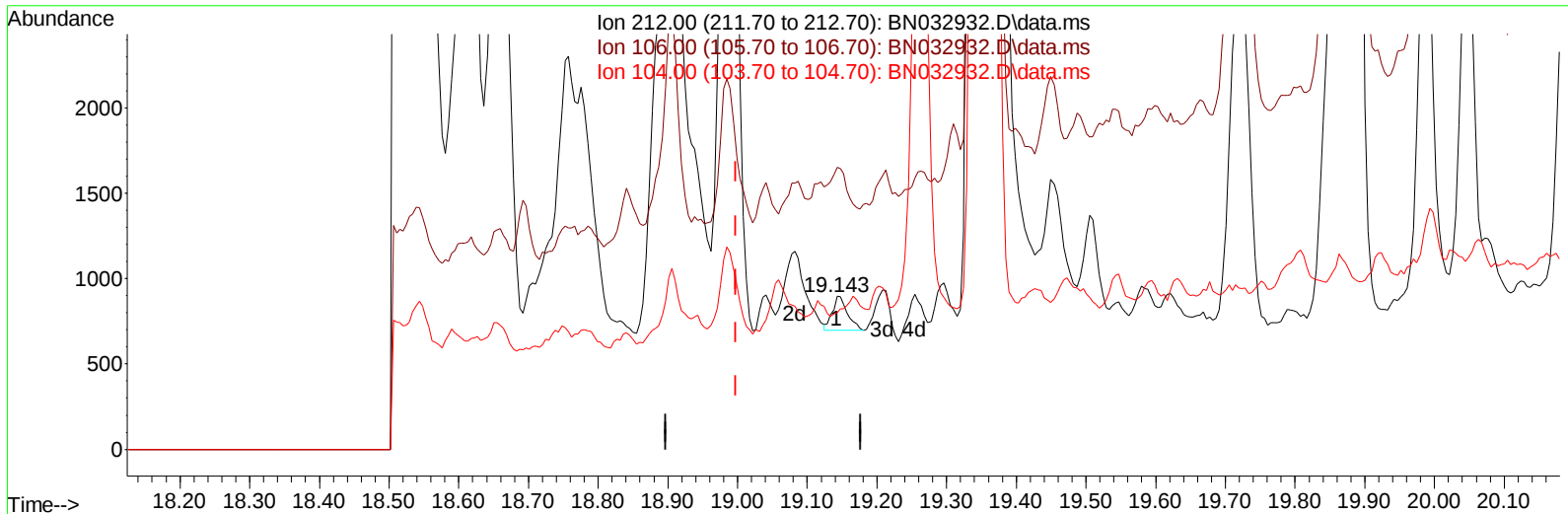
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032932.D
Acq On : 24 Jul 2024 04:33
Operator : MA/JU
Sample : P3215-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C12

Manual IntegrationsAPPROVED

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

Quant Time: Jul 24 04:57:37 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: BN032932.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.143min (+ 0.146) 0.01 ng/u1

response 294

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	119.05#
104.00	9.00	0.00#
0.00	0.00	0.00

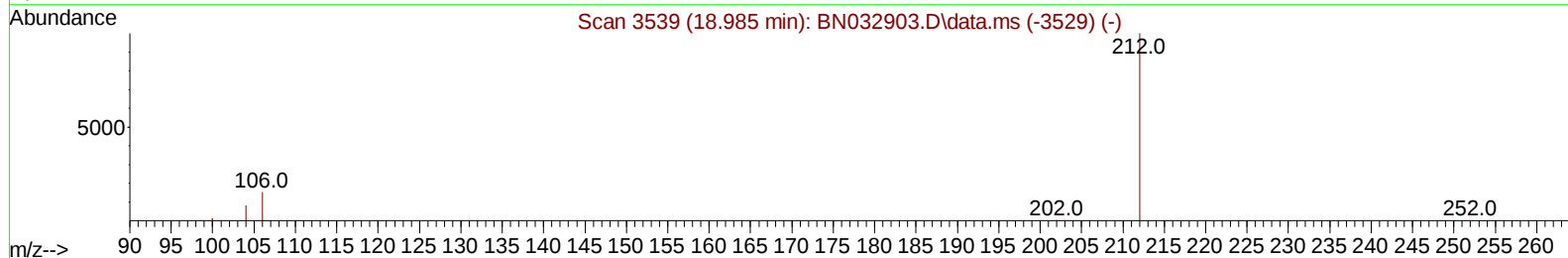
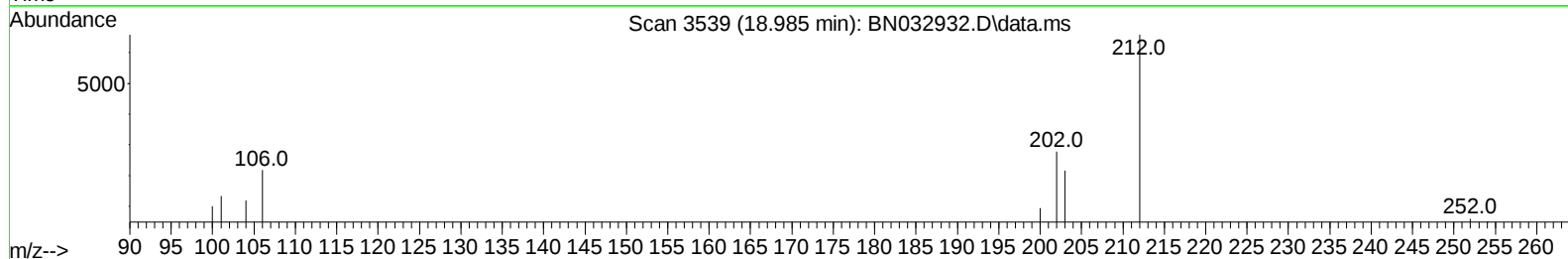
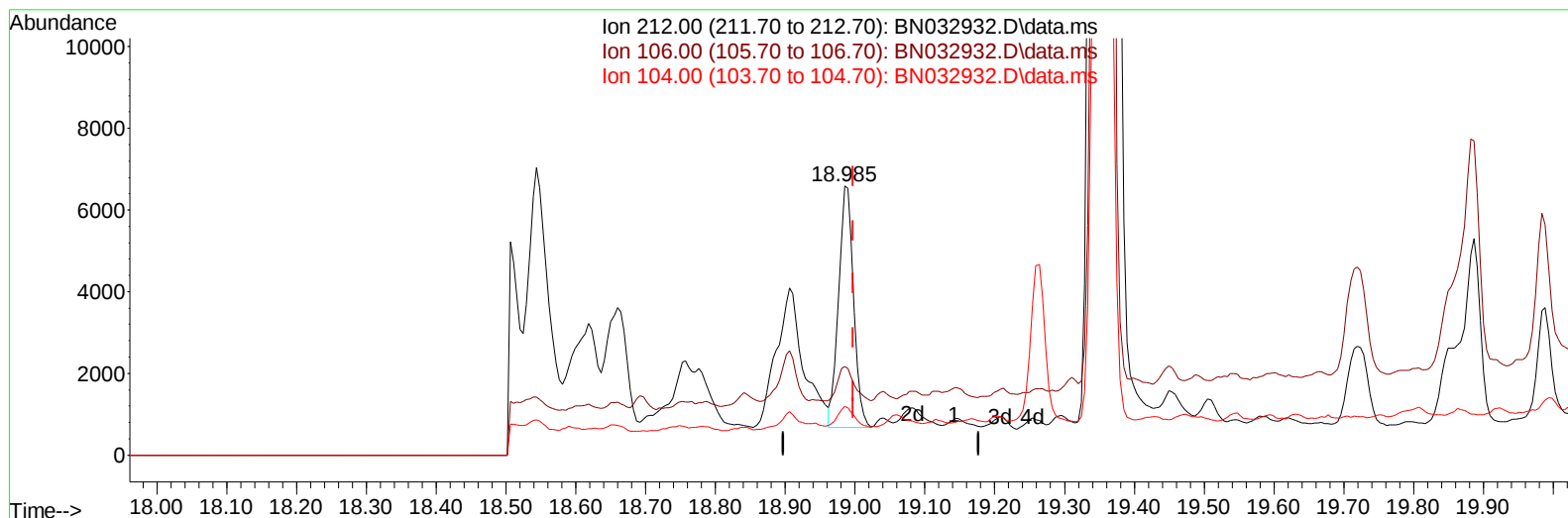
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032932.D
Acq On : 24 Jul 2024 04:33
Operator : MA/JU
Sample : P3215-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C12

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:57:37 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: BN032932.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.985min (-0.012) 0.20 ng/u1 m

response 8784

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	3.98#
104.00	9.00	0.00#
0.00	0.00	0.00

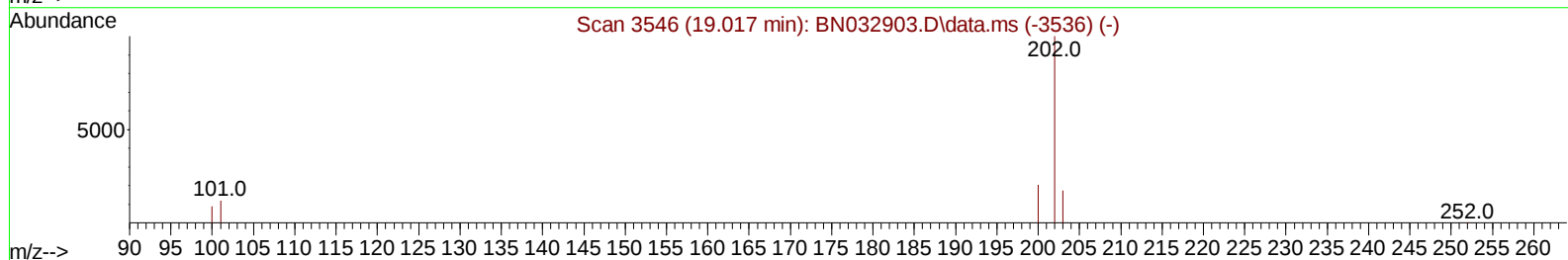
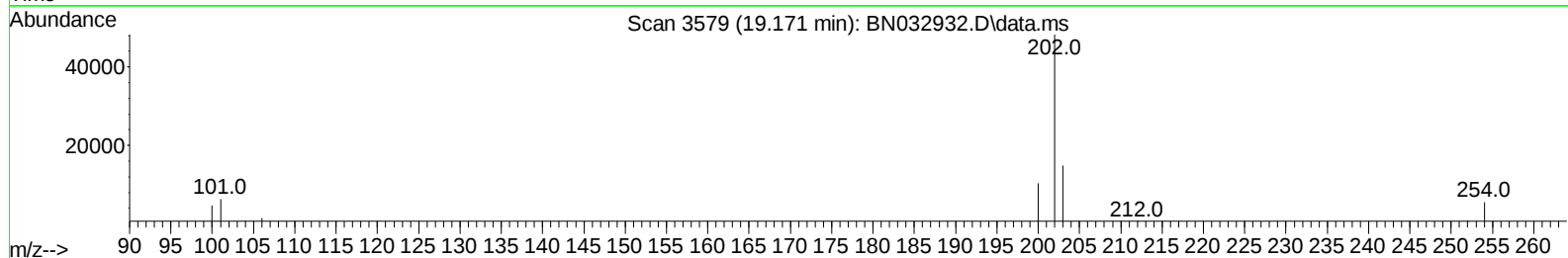
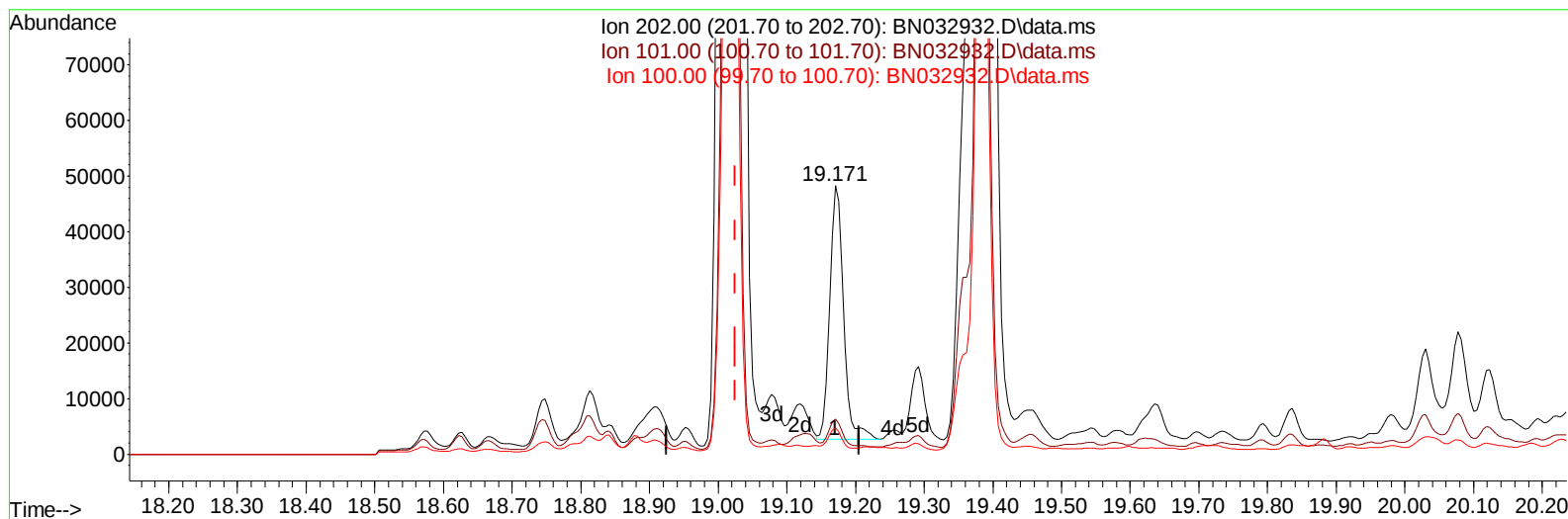
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032932.D
 Acq On : 24 Jul 2024 04:33
 Operator : MA/JU
 Sample : P3215-07
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C12

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:57:37 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: BN032932.D\data.ms

(19) Fluoranthene (C)

19.171min (+ 0.146) 1.20 ng/u1

response 64394

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	13.12
100.00	9.90	9.70
0.00	0.00	0.00

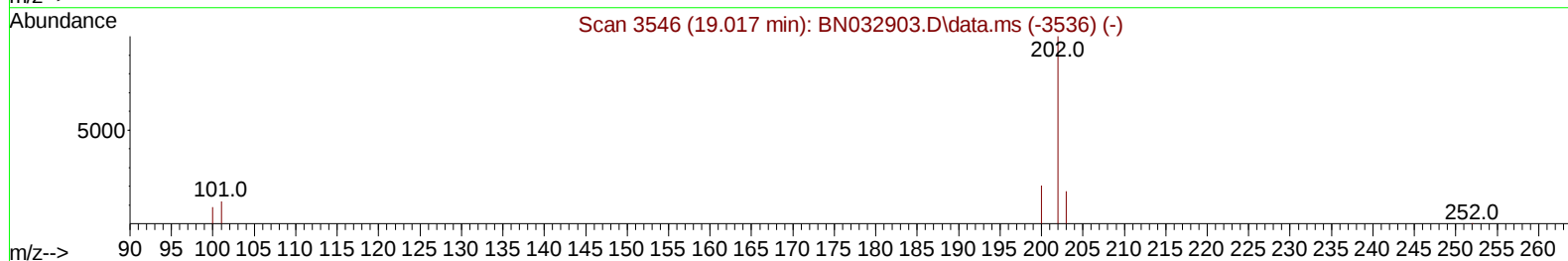
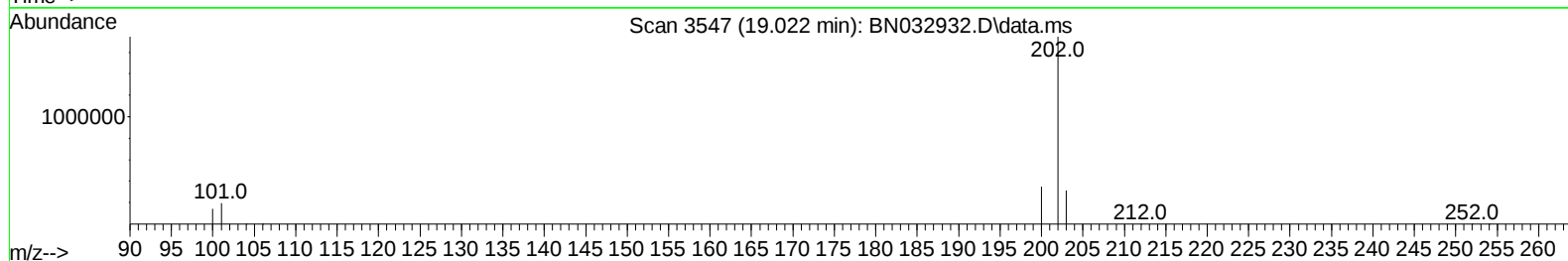
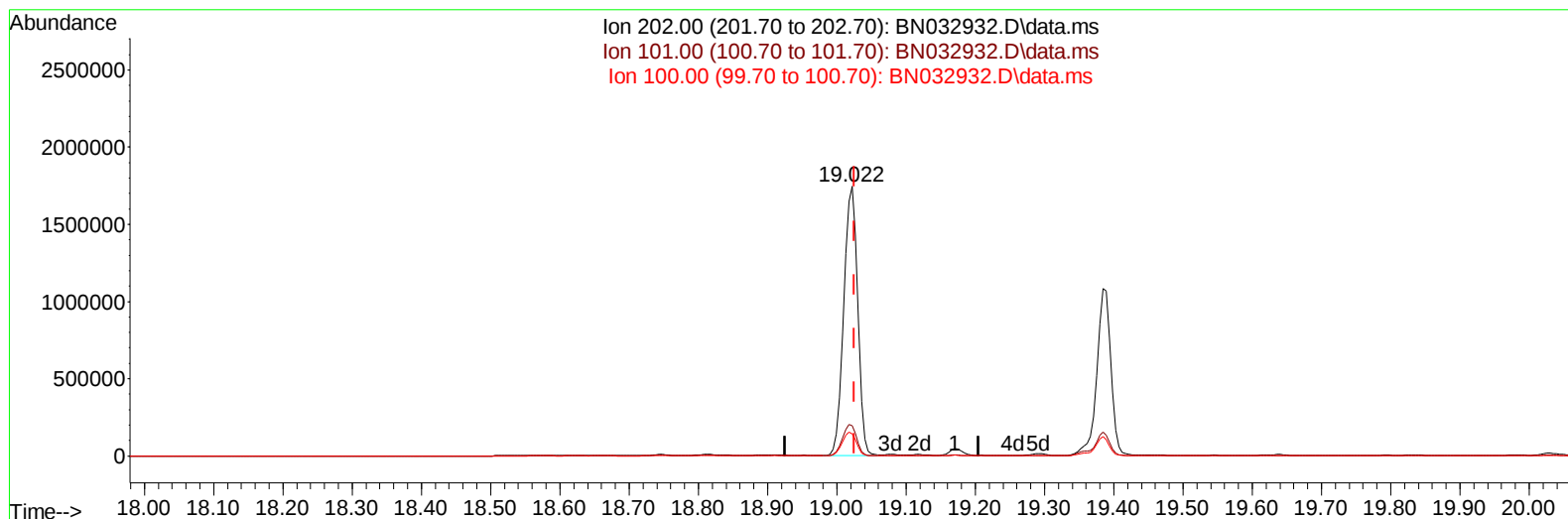
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032932.D
Acq On : 24 Jul 2024 04:33
Operator : MA/JU
Sample : P3215-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C12

Manual IntegrationsAPPROVED

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

Quant Time: Jul 24 04:57:37 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: BN032932.D\data.ms

(19) Fluoranthene (C)**19.022min (-0.003) 46.14 ng/ul m****response 2473986**

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	11.13
100.00	9.90	8.27
0.00	0.00	0.00

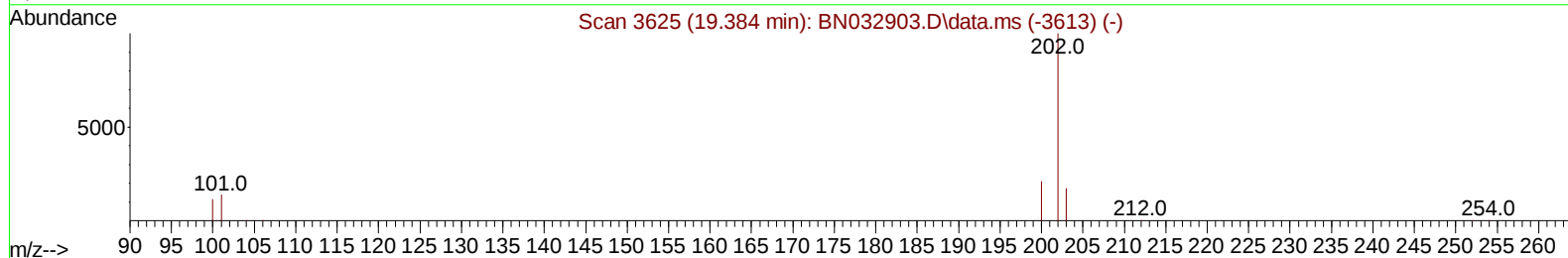
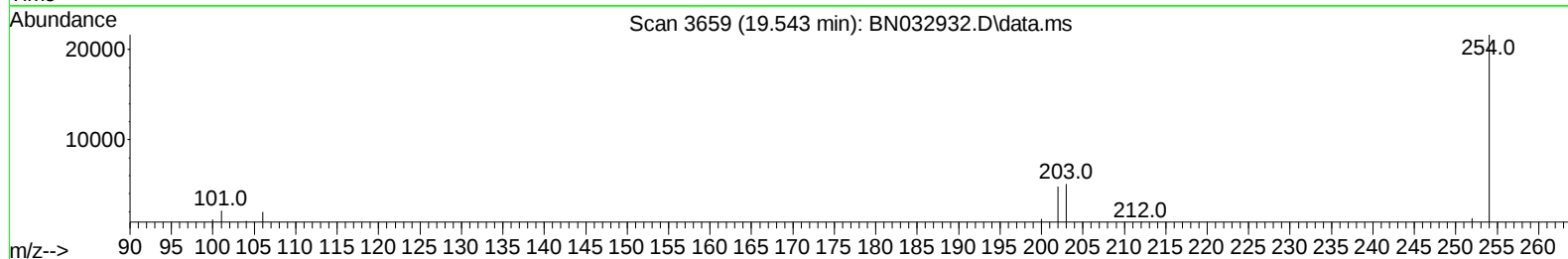
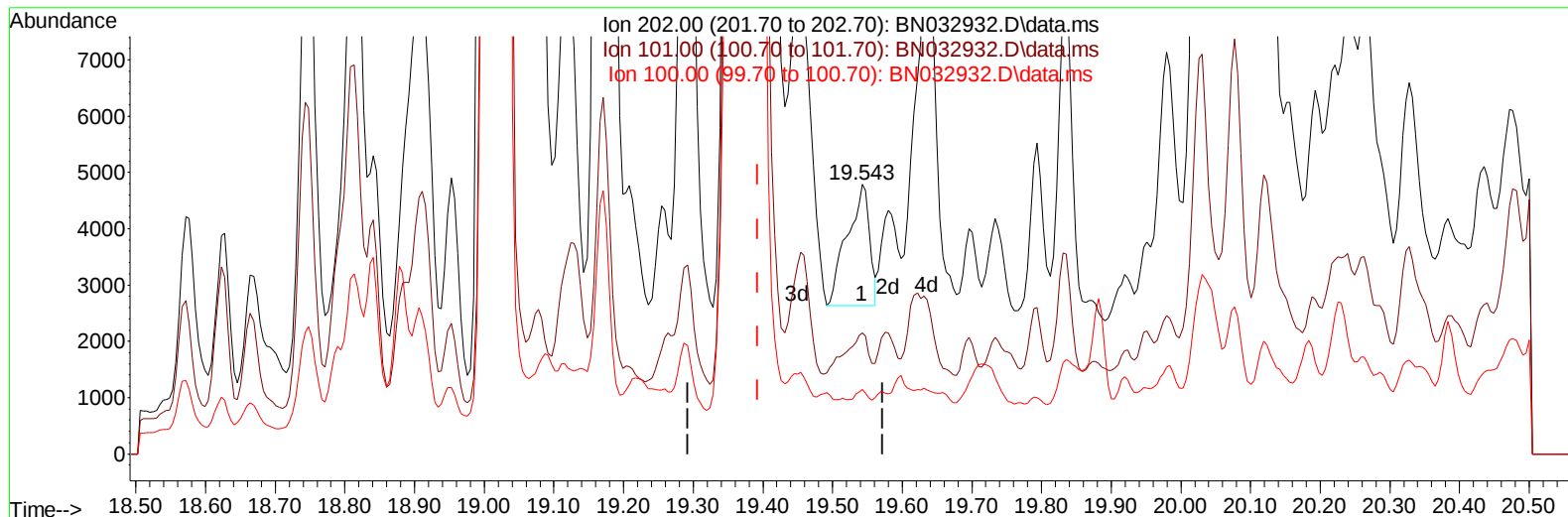
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032932.D
Acq On : 24 Jul 2024 04:33
Operator : MA/JU
Sample : P3215-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C12

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:57:37 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: BN032932.D\data.ms

(20) Pyrene

19.543min (+ 0.150) 0.09 ng/u1

response 4805

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	44.95#
100.00	12.00	23.93#
0.00	0.00	0.00

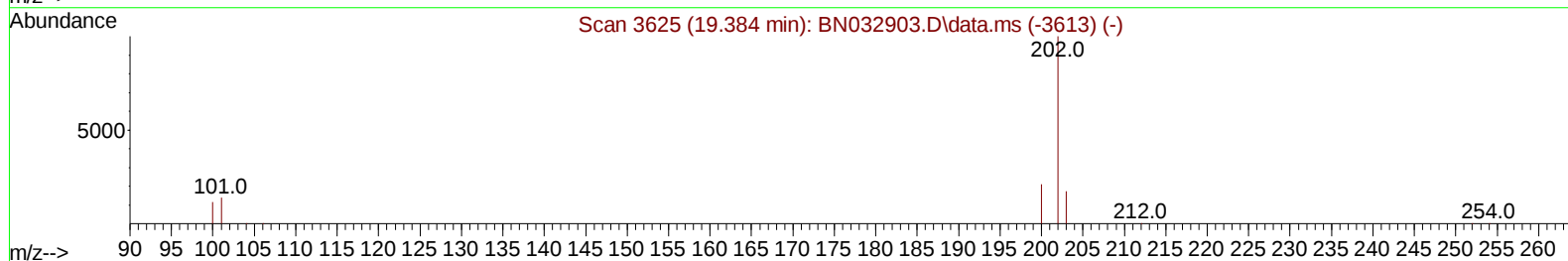
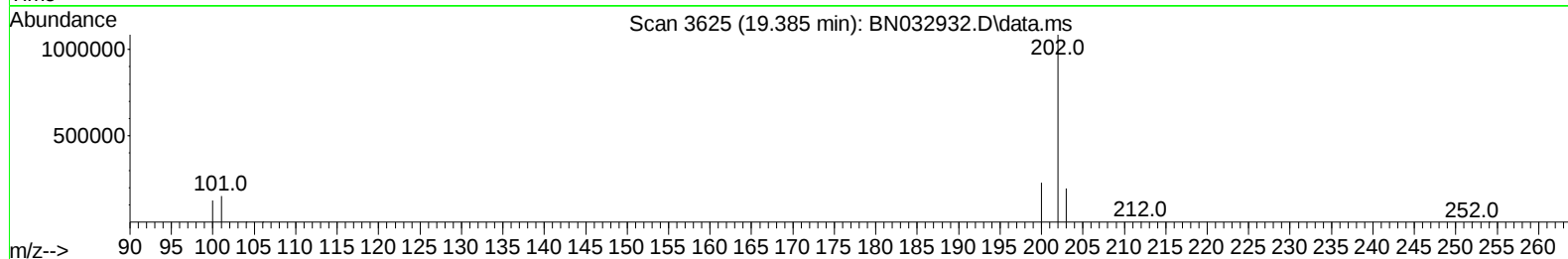
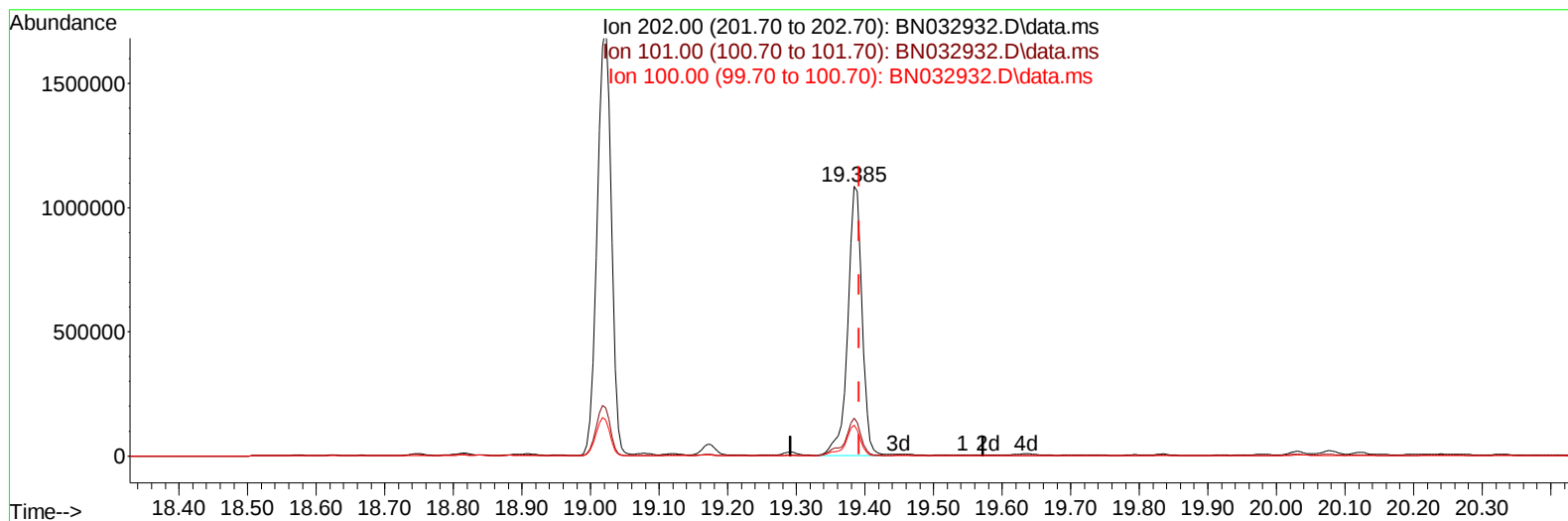
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032932.D
Acq On : 24 Jul 2024 04:33
Operator : MA/JU
Sample : P3215-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C12

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:57:37 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: BN032932.D\data.ms

(20) Pyrene

19.385min (-0.008) 28.01 ng/ul m

response 1554348

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	14.09
100.00	12.00	11.48
0.00	0.00	0.00

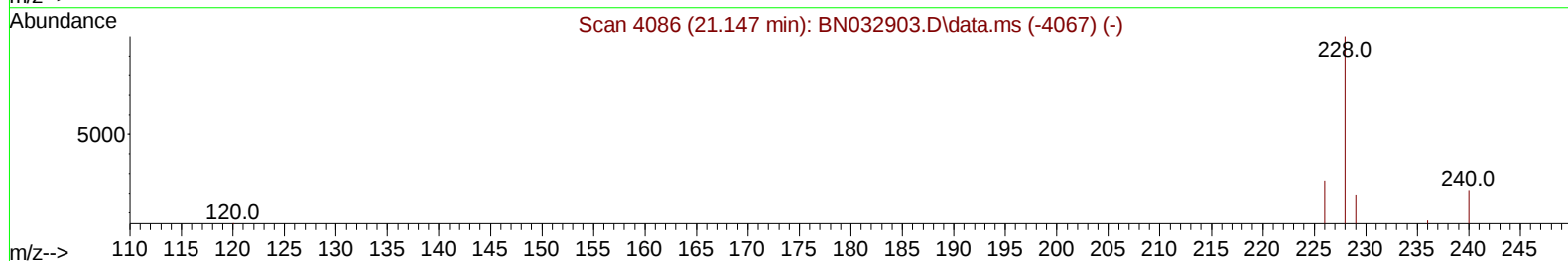
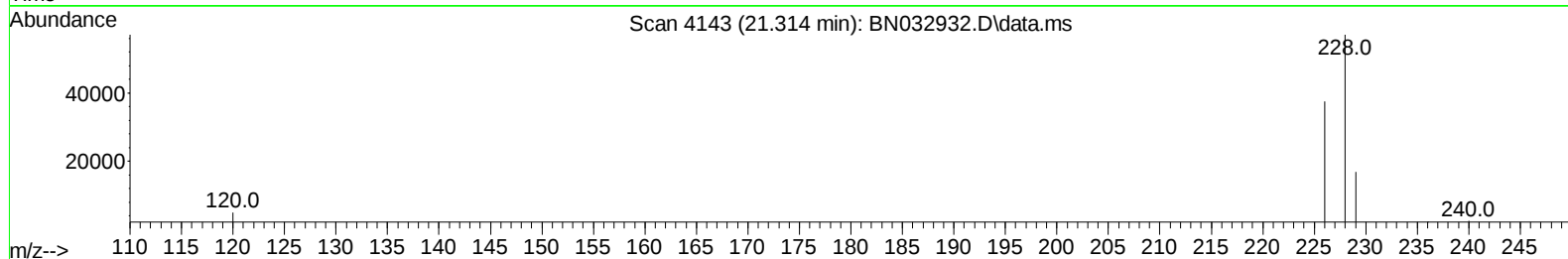
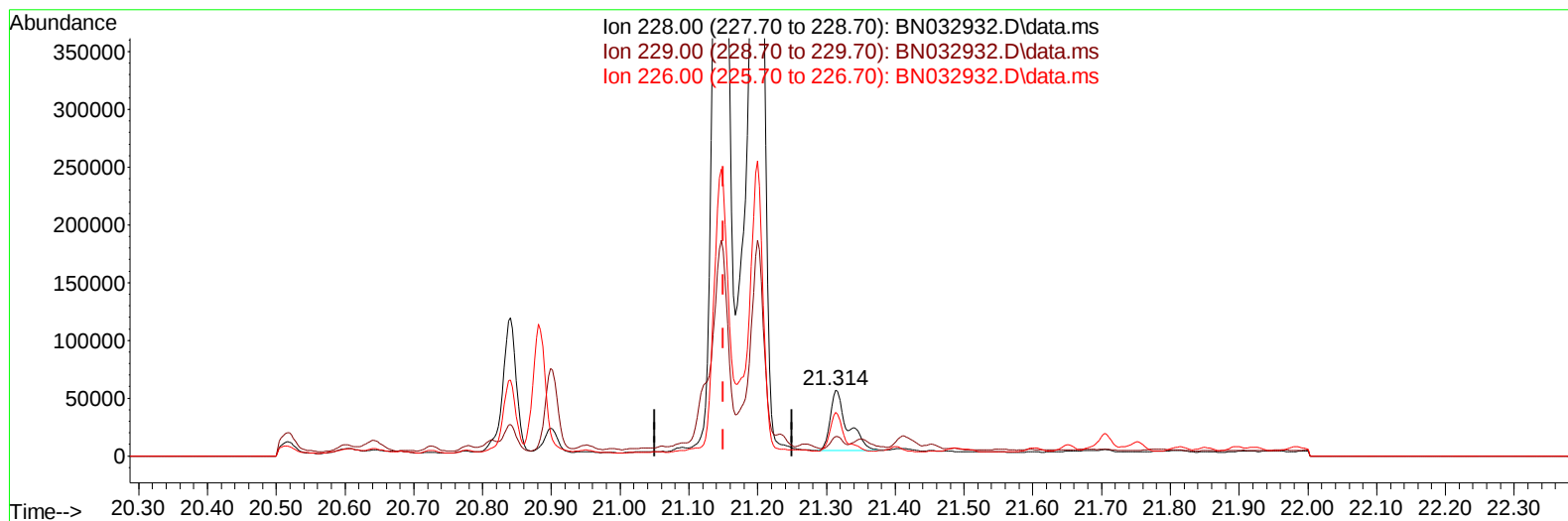
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032932.D
Acq On : 24 Jul 2024 04:33
Operator : MA/JU
Sample : P3215-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C12

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:57:37 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: BN032932.D\data.ms

(21) Benzo(a)anthracene

21.314min (+ 0.163) 2.21 ng/u1

response 92645

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	29.67#
226.00	27.40	65.79#
0.00	0.00	0.00

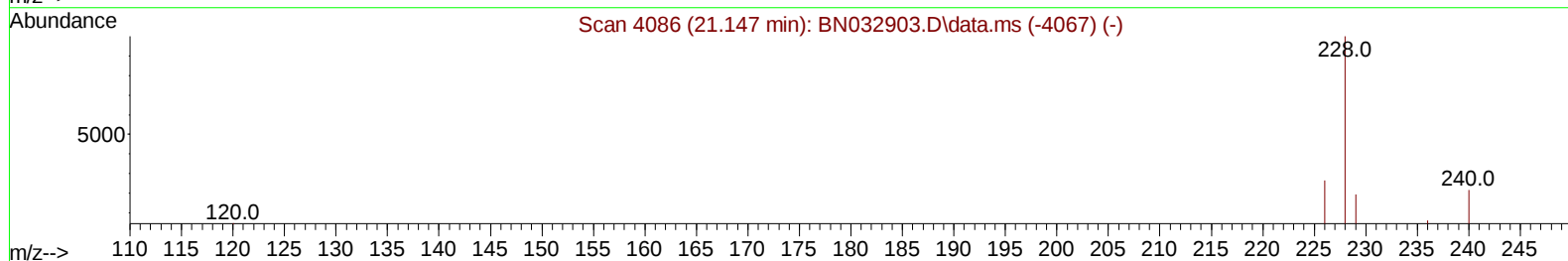
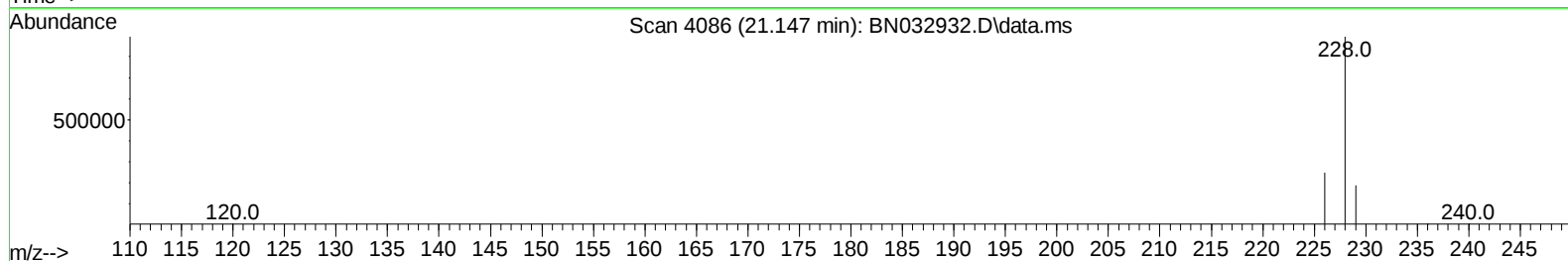
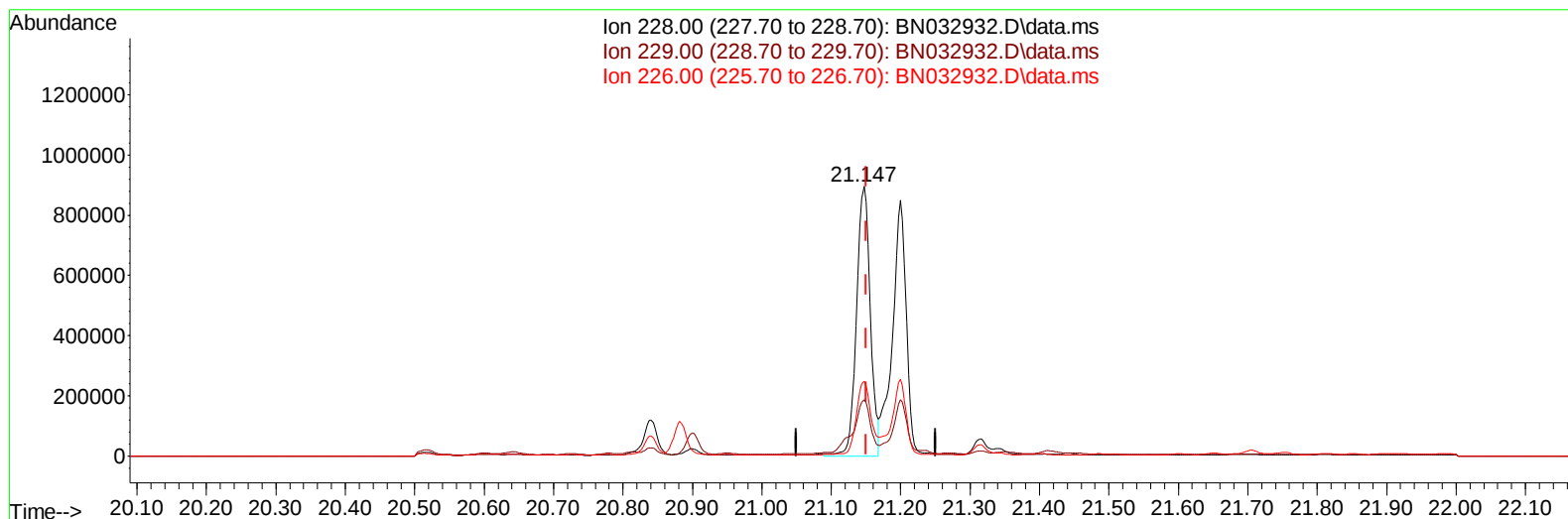
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032932.D
 Acq On : 24 Jul 2024 04:33
 Operator : MA/JU
 Sample : P3215-07
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C12

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:57:37 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: BN032932.D\data.ms

(21) Benzo(a)anthracene

21.147min (-0.003) 29.54 ng/ul m

response 1240019

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	20.89
226.00	27.40	27.75
0.00	0.00	0.00

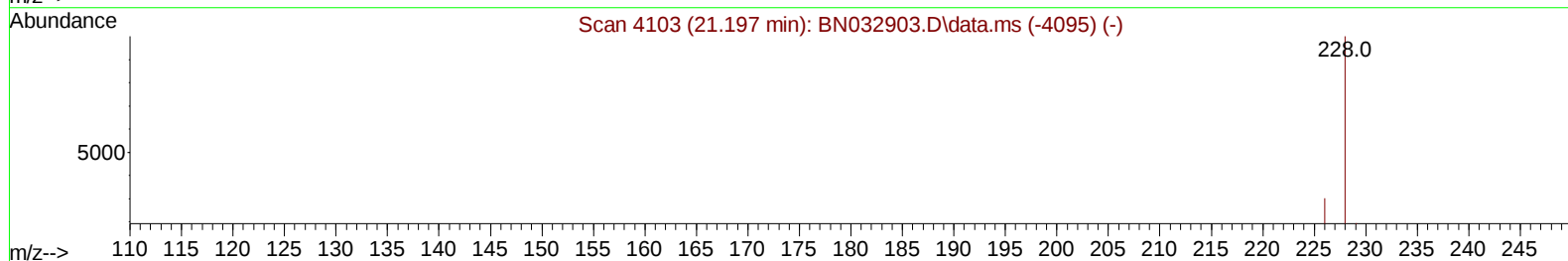
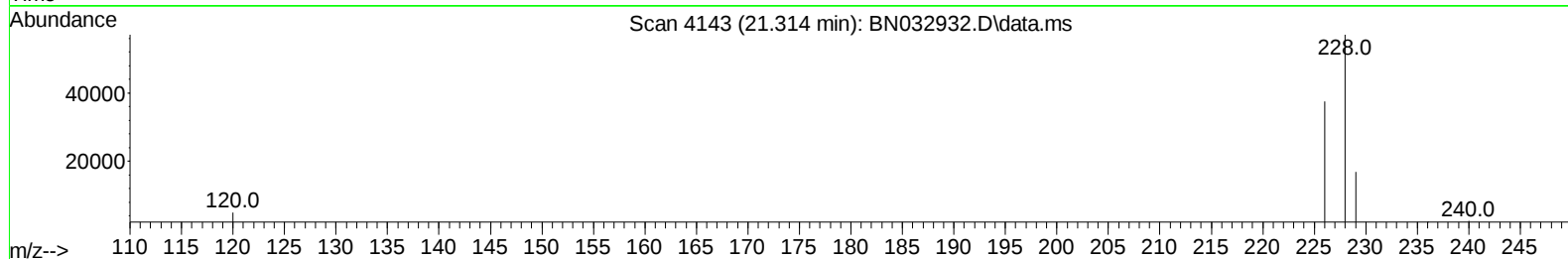
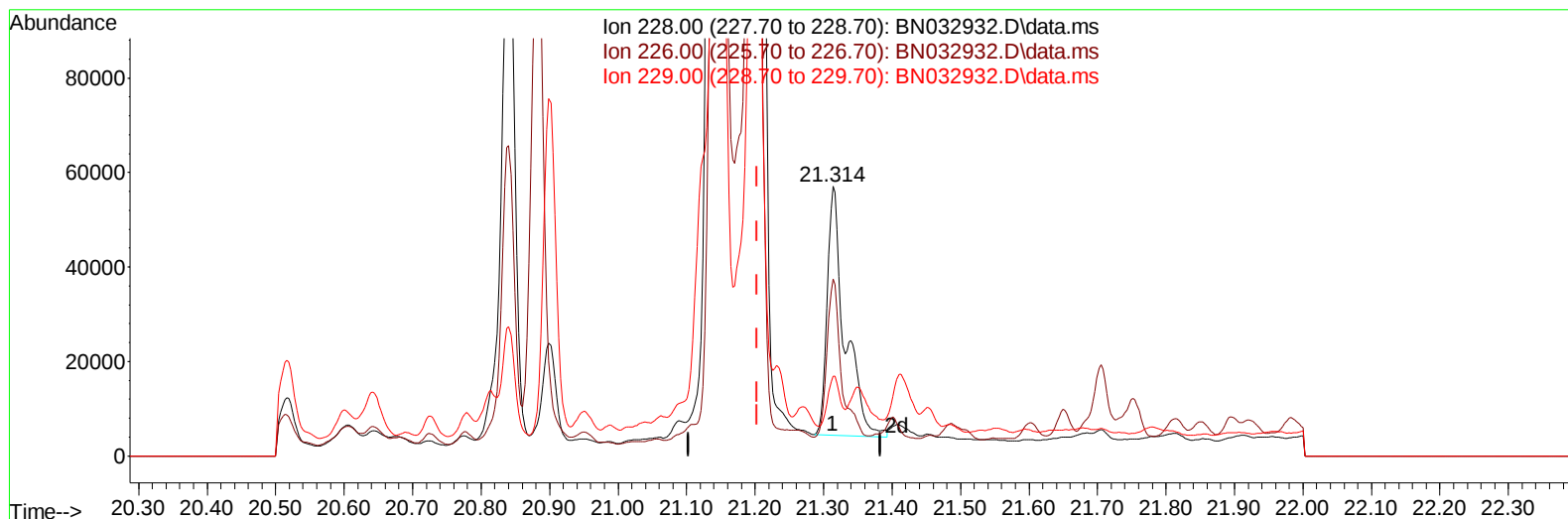
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032932.D
 Acq On : 24 Jul 2024 04:33
 Operator : MA/JU
 Sample : P3215-07
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C12

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:57:37 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: BN032932.D\data.ms

(22) Chrysene

21.314min (+ 0.111) 1.56 ng/u1

response 94703

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	65.79#
229.00	19.70	29.67#
0.00	0.00	0.00

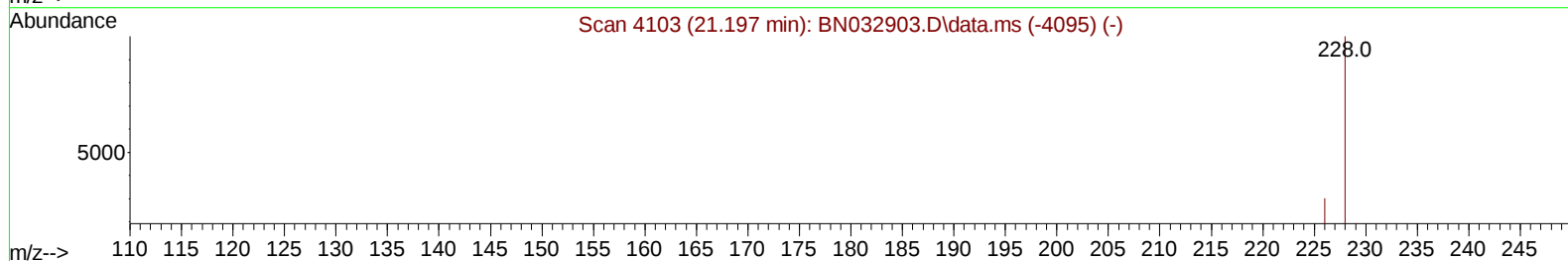
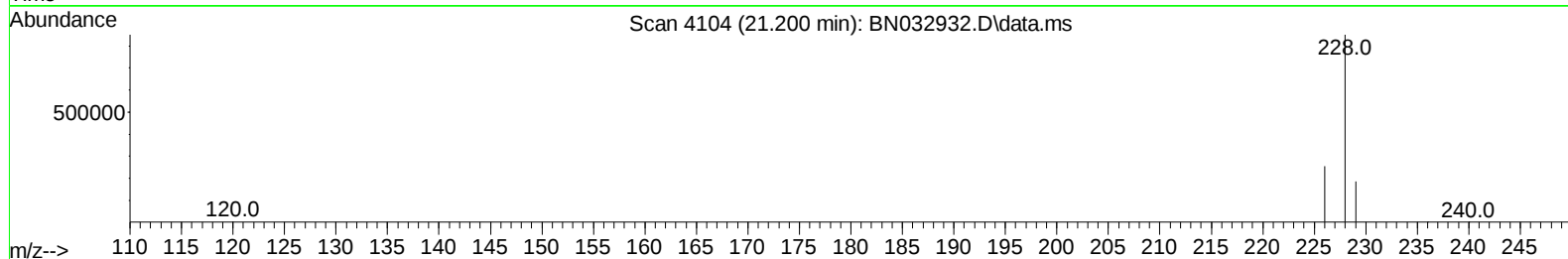
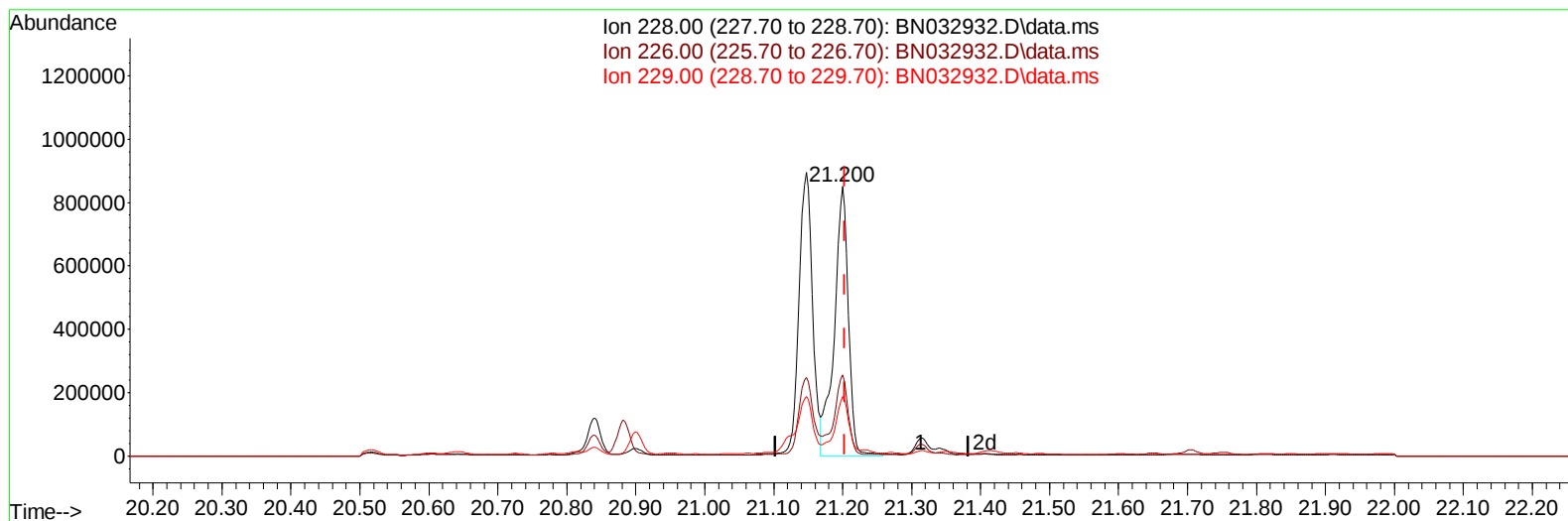
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032932.D
Acq On : 24 Jul 2024 04:33
Operator : MA/JU
Sample : P3215-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C12

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:57:37 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: BN032932.D\data.ms

(22) Chrysene

21.200min (-0.003) 19.84 ng/ul m

response 1204726

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	30.02
229.00	19.70	21.96
0.00	0.00	0.00

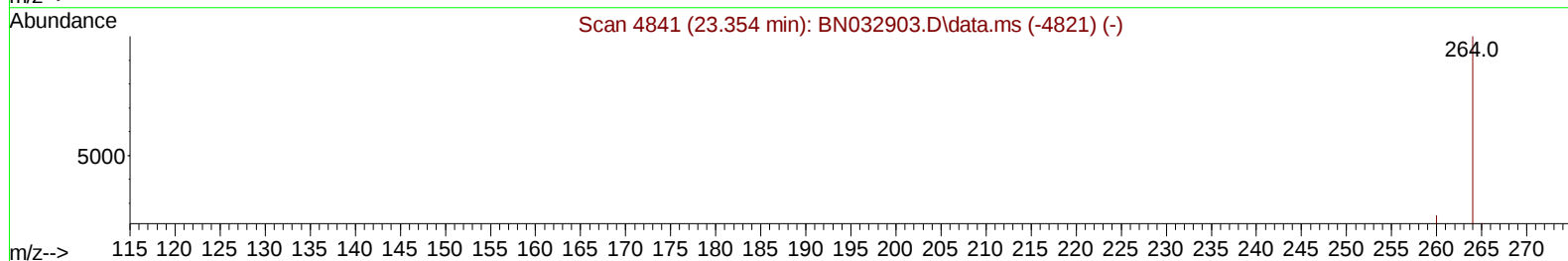
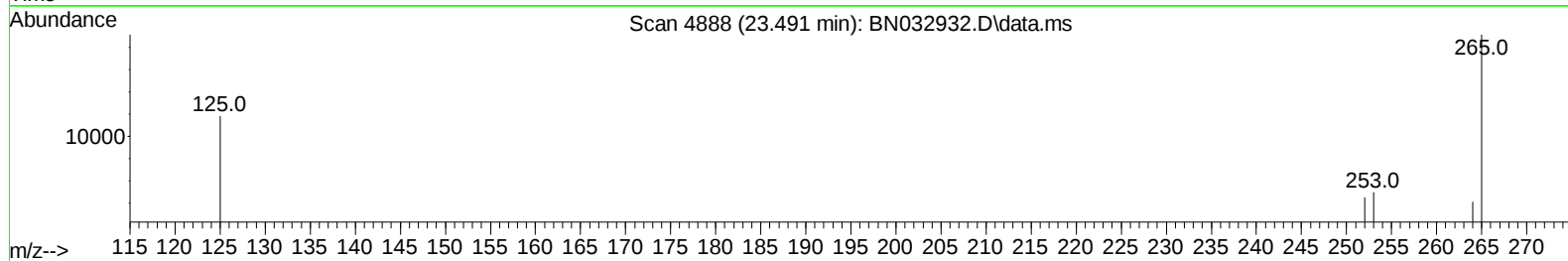
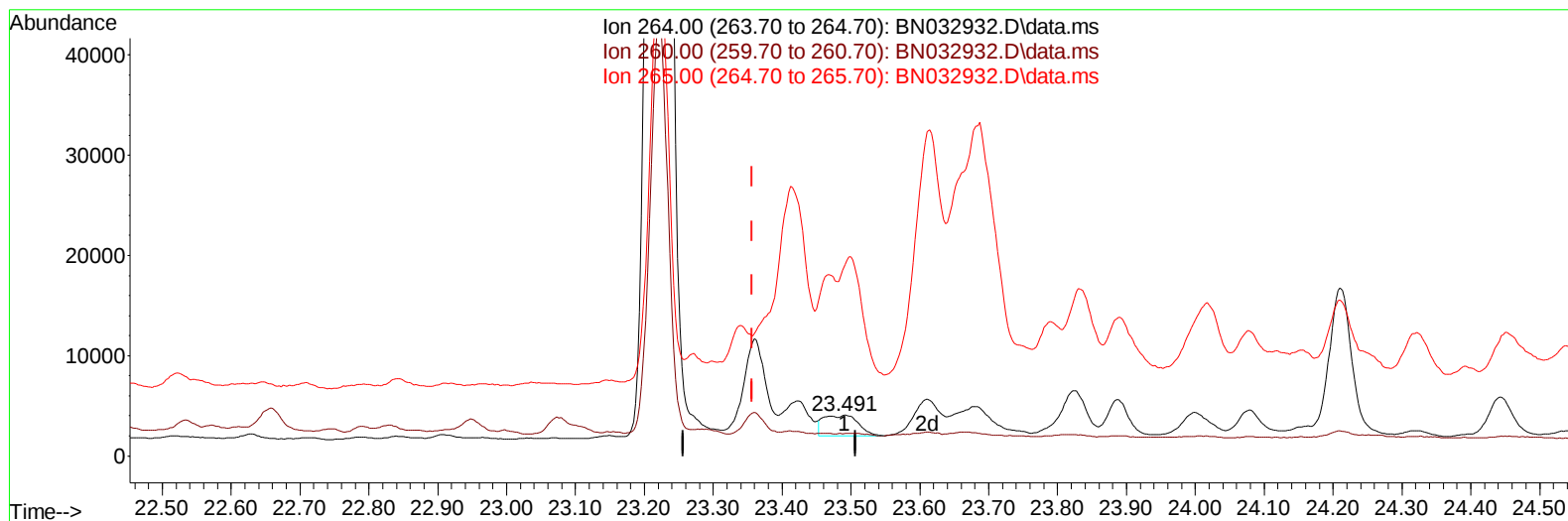
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032932.D
Acq On : 24 Jul 2024 04:33
Operator : MA/JU
Sample : P3215-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C12

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:57:37 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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Response via : Initial Calibration

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



TIC: BN032932.D\data.ms

(23) Perylene-d12 (I)

23.491min (+ 0.134) 0.40 ng/u1

response 7068

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	55.50#
265.00	95.50	468.25#
0.00	0.00	0.00

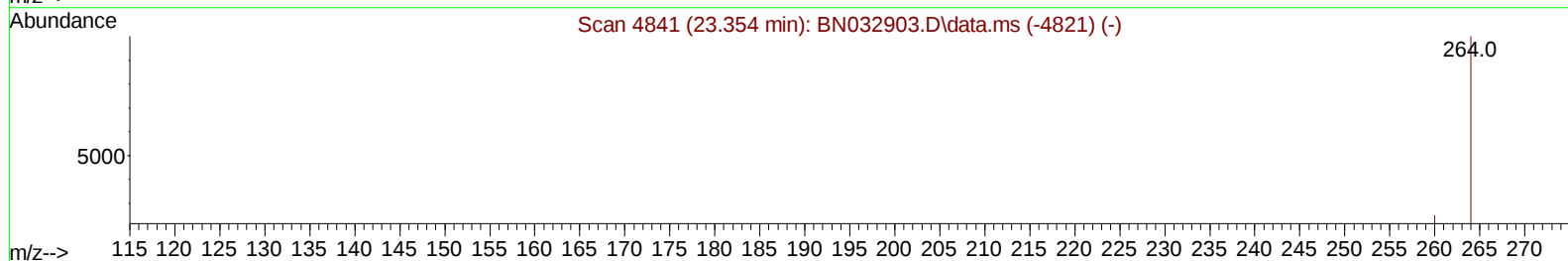
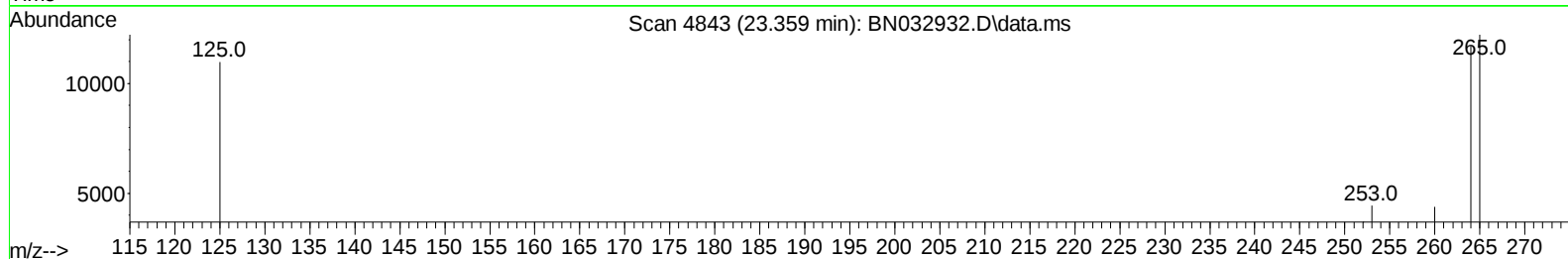
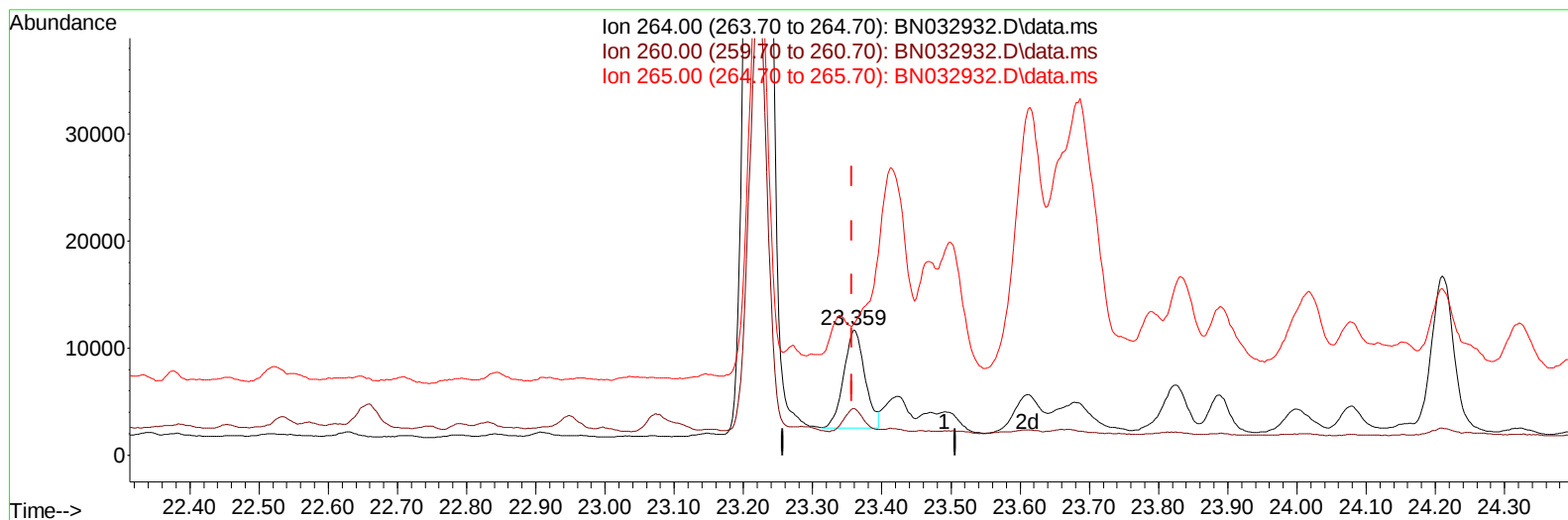
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032932.D
Acq On : 24 Jul 2024 04:33
Operator : MA/JU
Sample : P3215-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C12

Manual IntegrationsAPPROVED

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

Quant Time: Jul 24 04:57:37 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: BN032932.D\data.ms

(23) Perylene-d12 (I)

23.359min (+ 0.003) 0.40 ng/ul m

response 19497

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	37.40#
265.00	95.50	104.43
0.00	0.00	0.00

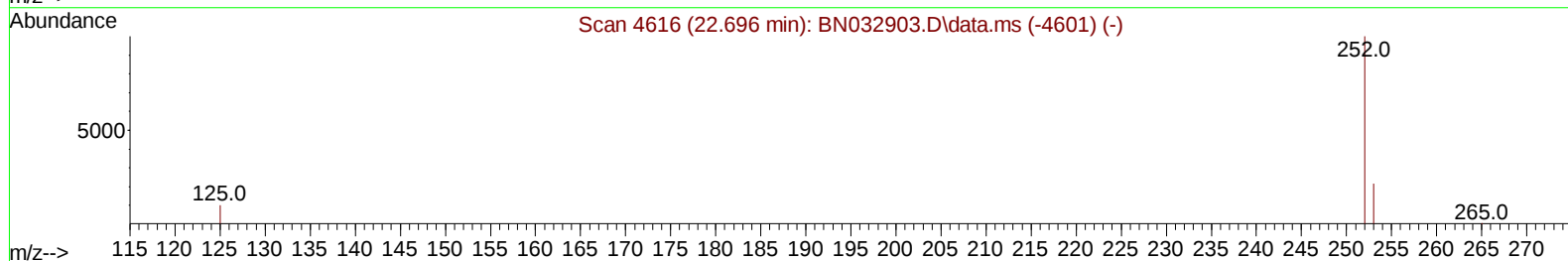
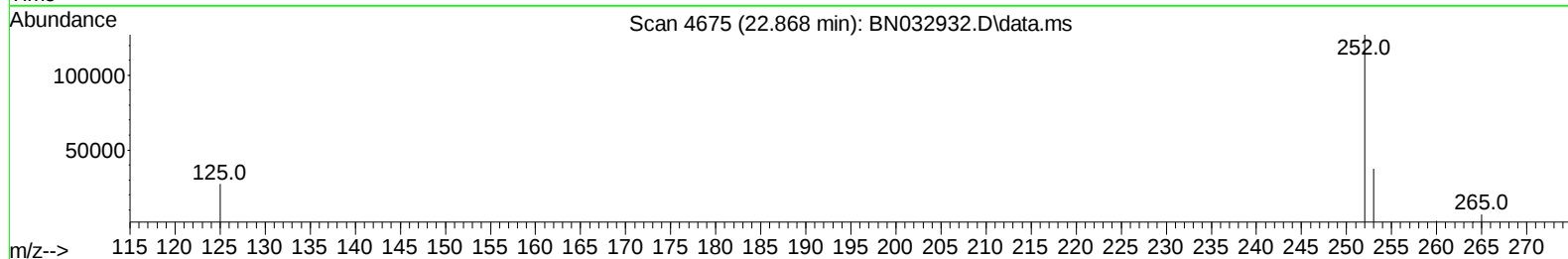
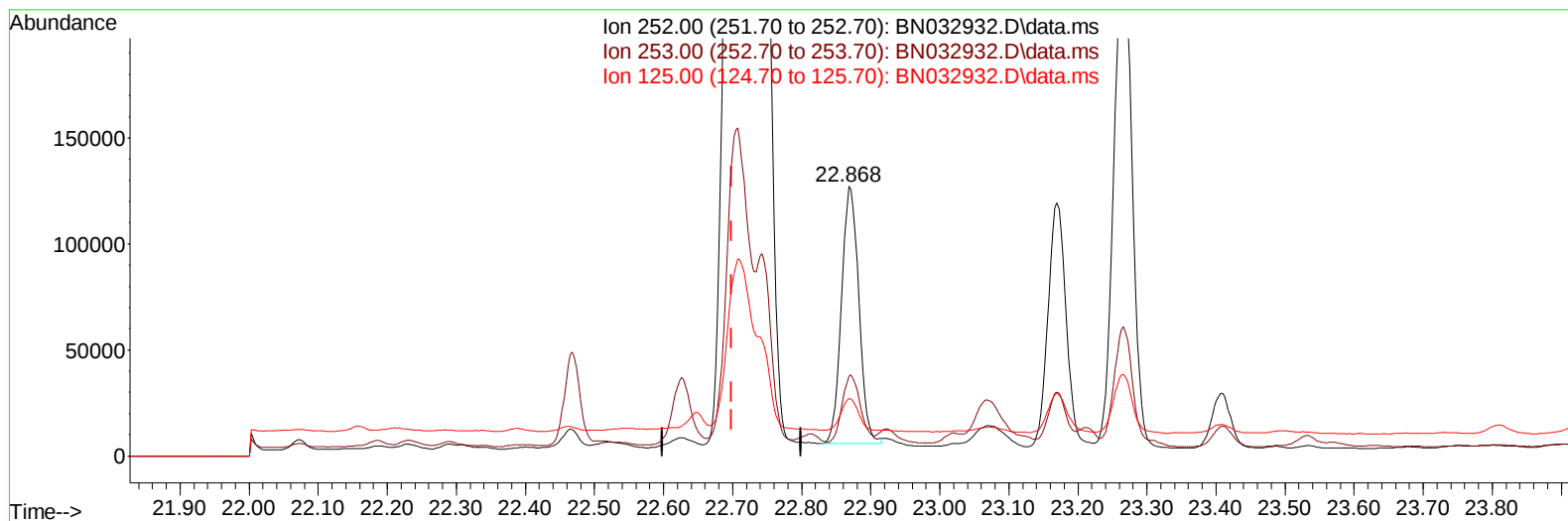
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032932.D
Acq On : 24 Jul 2024 04:33
Operator : MA/JU
Sample : P3215-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C12

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:57:37 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: BN032932.D\data.ms

(24) Benzo(b)fluoranthene

22.868min (+ 0.169) 3.09 ng/u1

response 212363

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	29.54
125.00	18.00	21.46
0.00	0.00	0.00

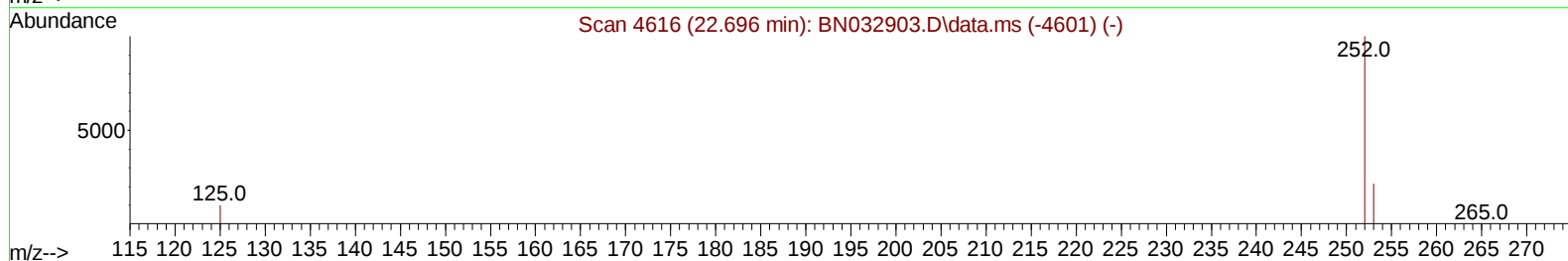
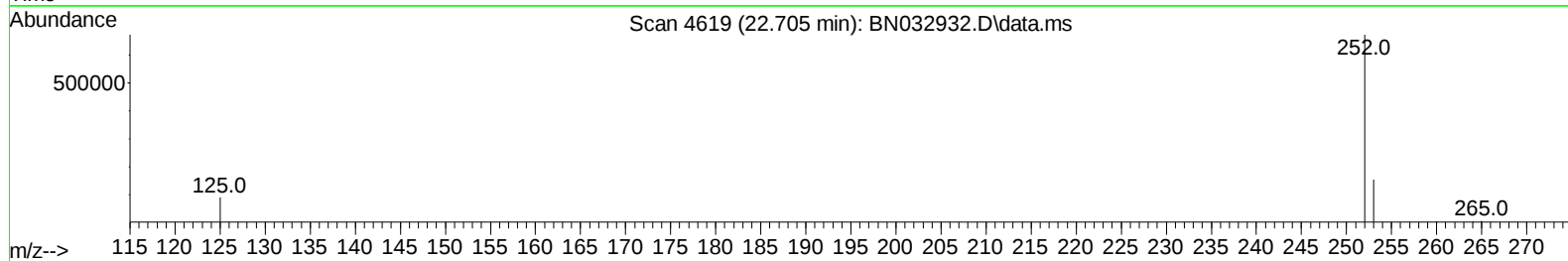
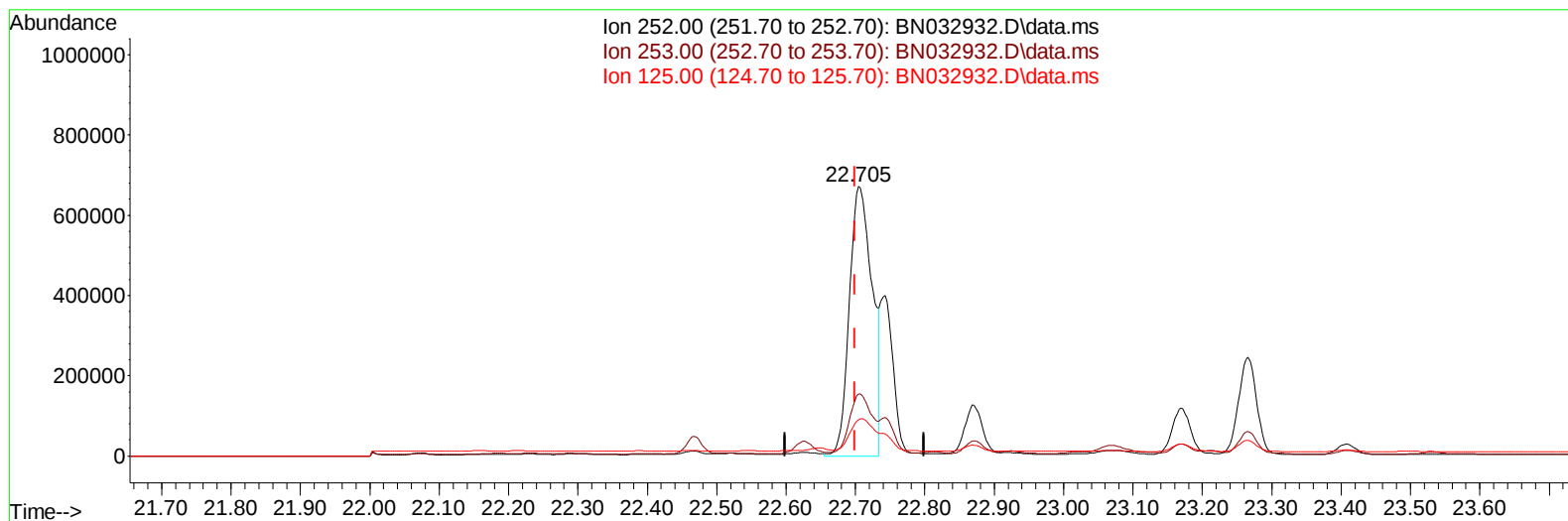
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032932.D
Acq On : 24 Jul 2024 04:33
Operator : MA/JU
Sample : P3215-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C12

Manual IntegrationsAPPROVED

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

Quant Time: Jul 24 04:57:37 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: BN032932.D\data.ms

(24) Benzo(b)fluoranthene

22.705min (+ 0.006) 22.53 ng/ul m

response 1550072

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	22.92
125.00	18.00	13.39
0.00	0.00	0.00

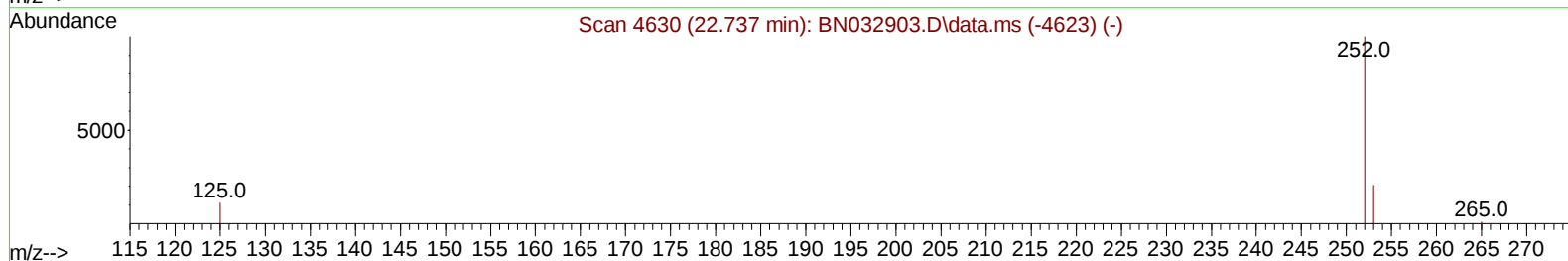
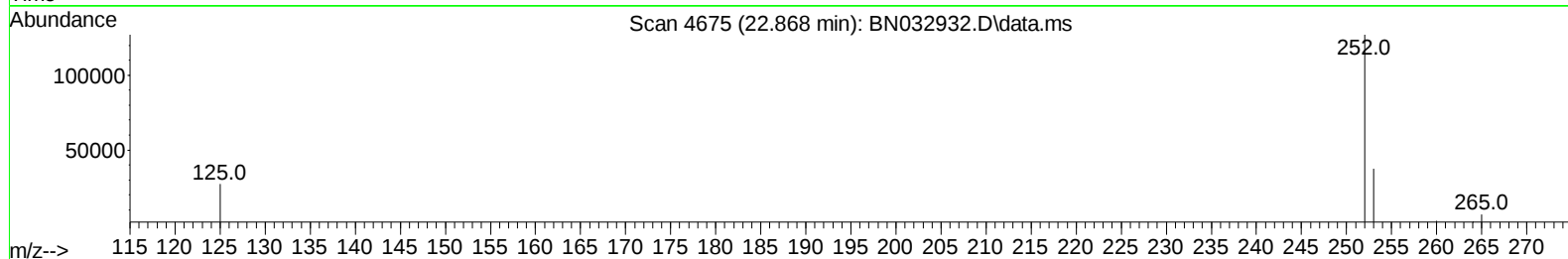
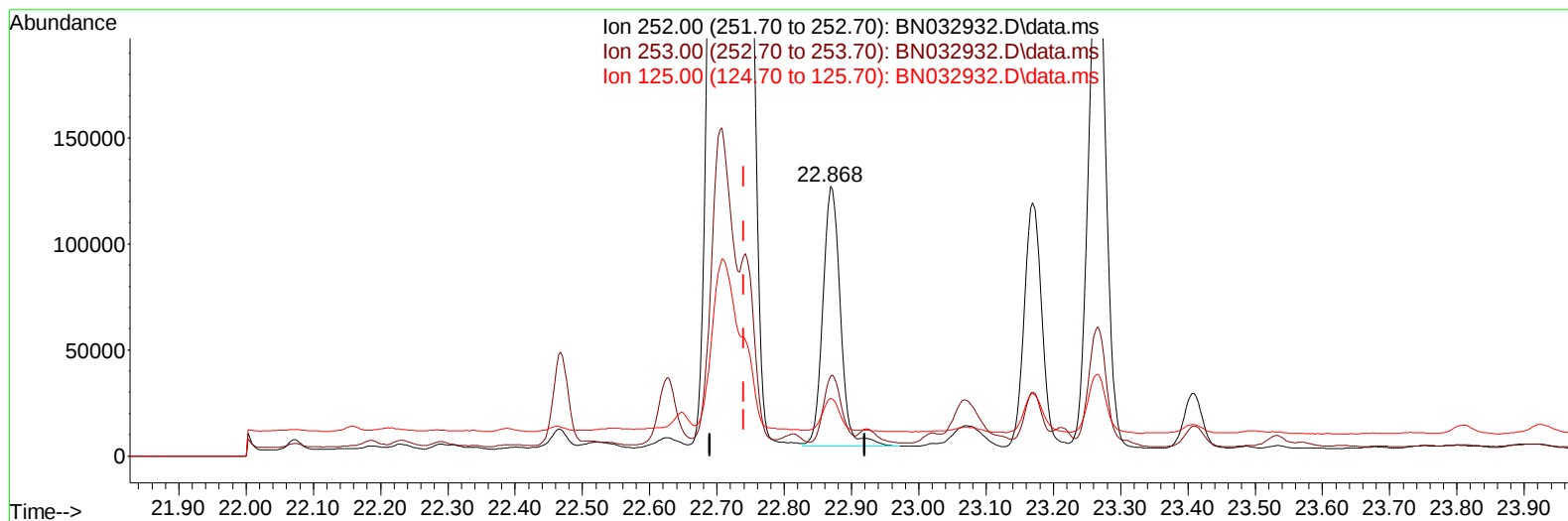
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032932.D
Acq On : 24 Jul 2024 04:33
Operator : MA/JU
Sample : P3215-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C12

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:57:37 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: BN032932.D\data.ms

(25) Benzo(k)fluoranthene

22.868min (+ 0.128) 2.66 ng/u1

response 223037

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	29.54
125.00	18.50	21.46
0.00	0.00	0.00

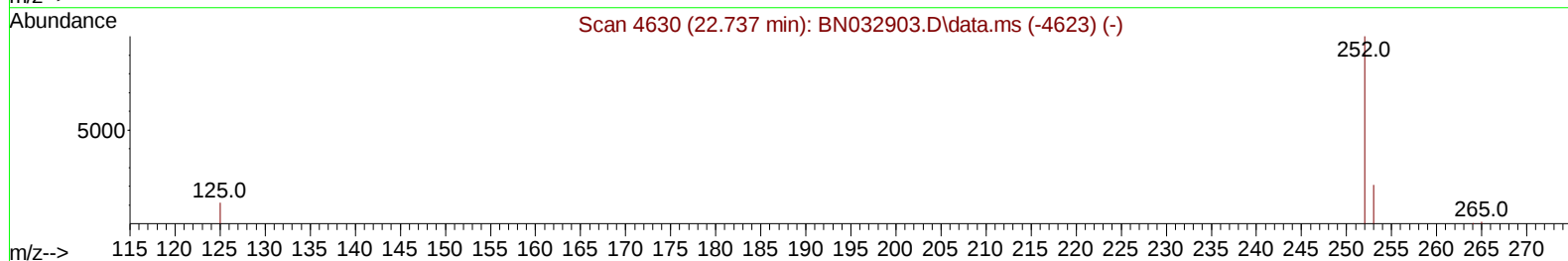
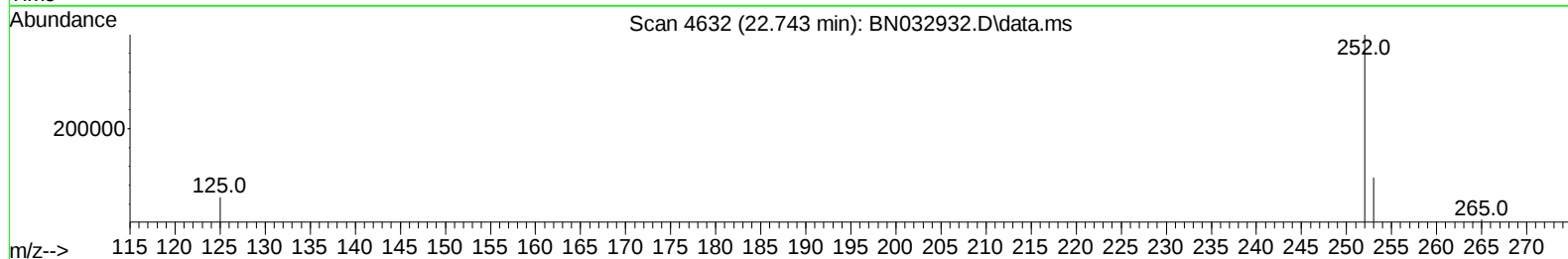
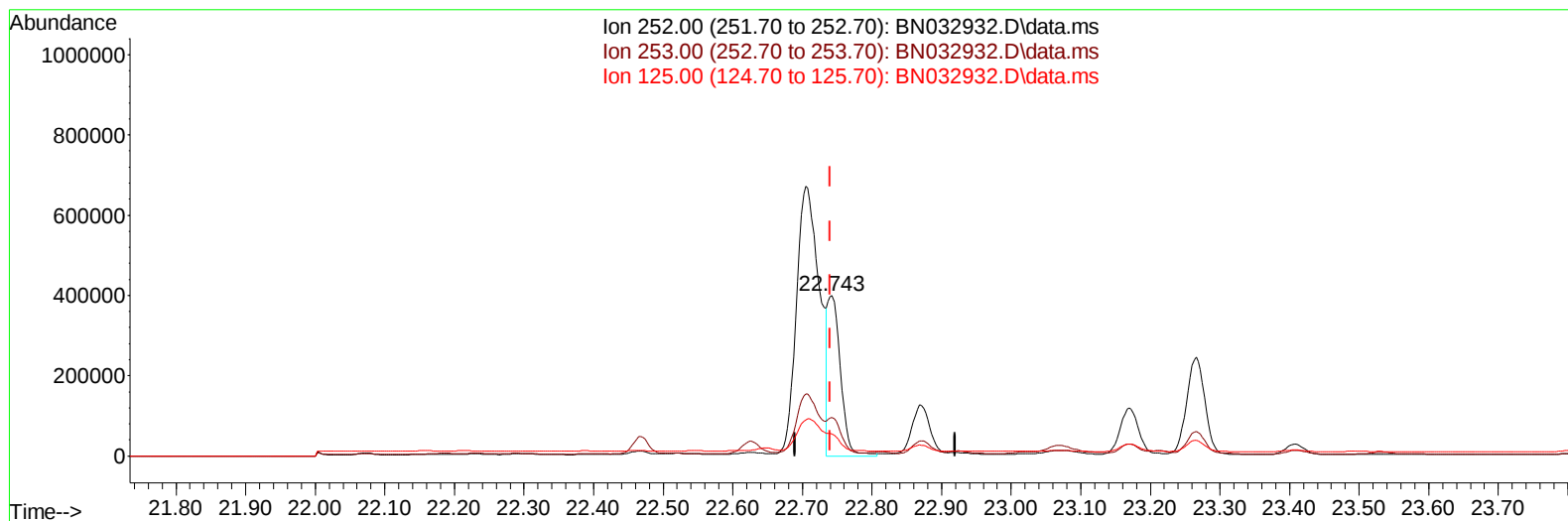
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032932.D
 Acq On : 24 Jul 2024 04:33
 Operator : MA/JU
 Sample : P3215-07
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C12

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:57:37 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: BN032932.D\data.ms

(25) Benzo(k)fluoranthene

22.743min (+ 0.003) 6.17 ng/u1 m

response 517324

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	23.90
125.00	18.50	13.73#
0.00	0.00	0.00

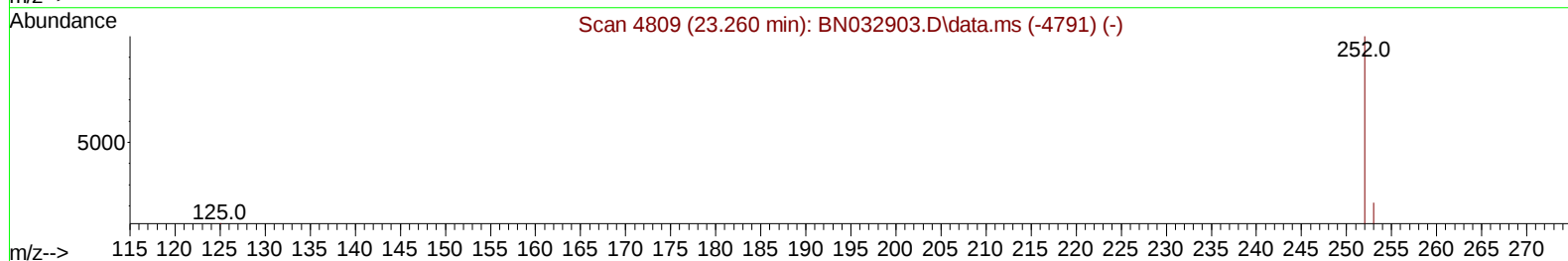
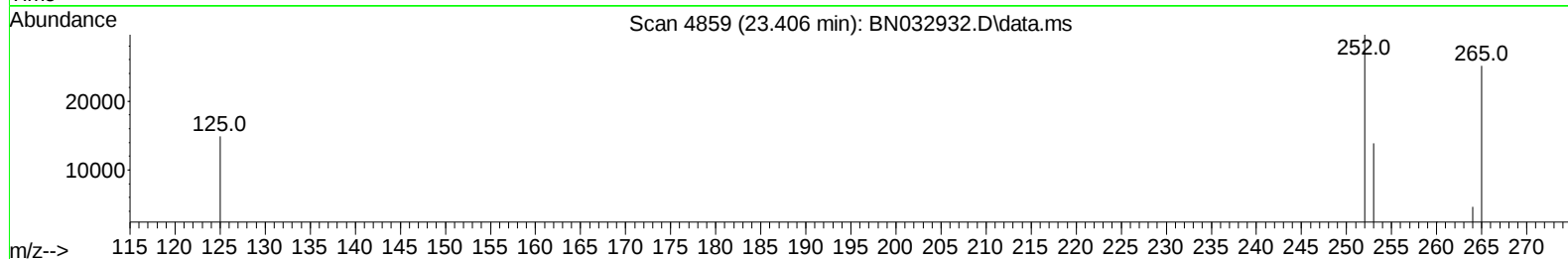
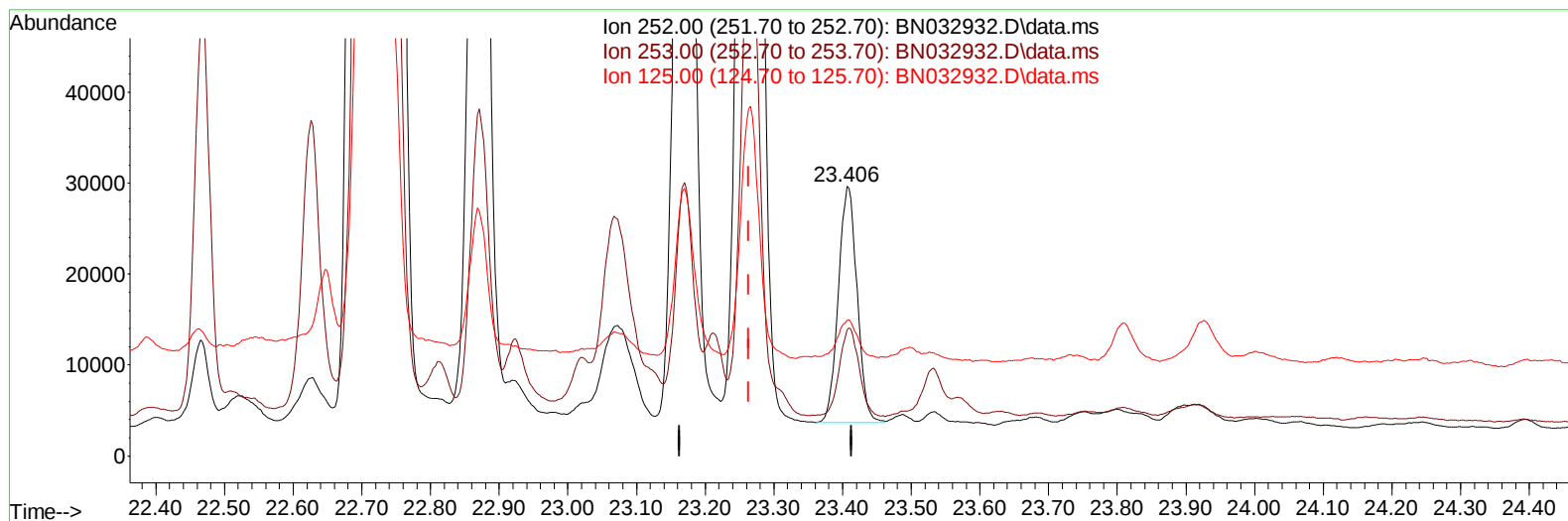
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032932.D
Acq On : 24 Jul 2024 04:33
Operator : MA/JU
Sample : P3215-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C12

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:57:37 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: BN032932.D\data.ms

(26) Benzo(a)pyrene (C)

23.406min (+ 0.143) 0.83 ng/u1

response 49118

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	46.90#
125.00	25.70	50.28#
0.00	0.00	0.00

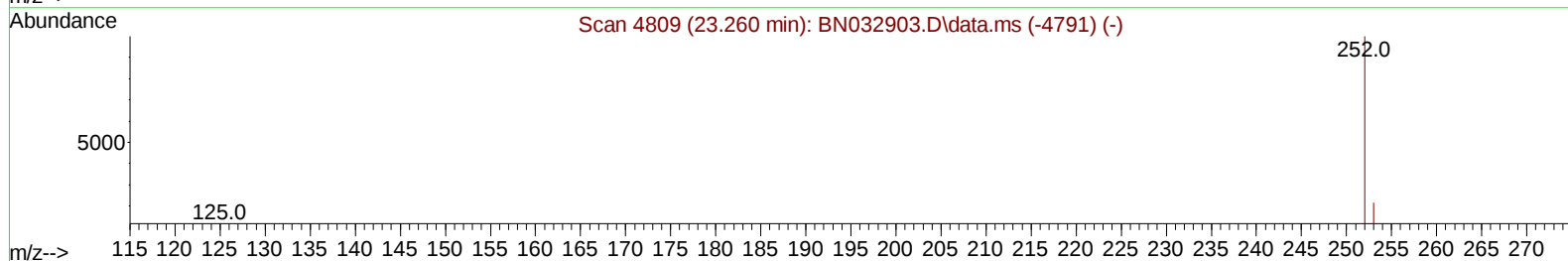
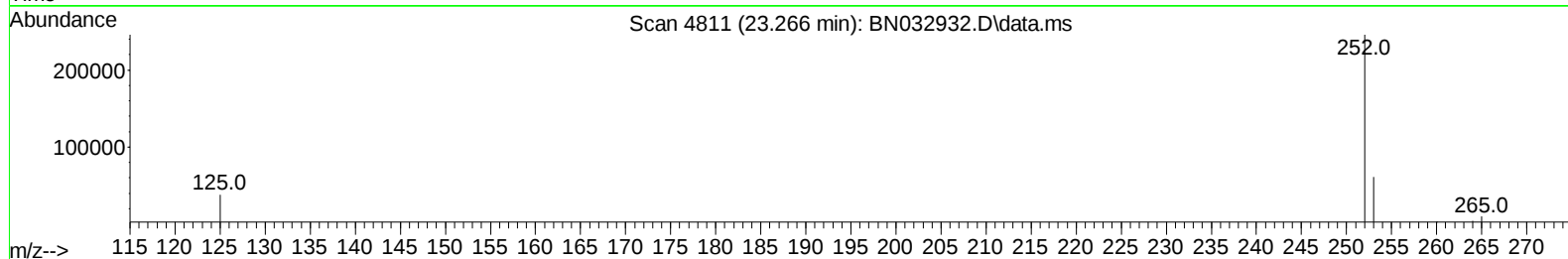
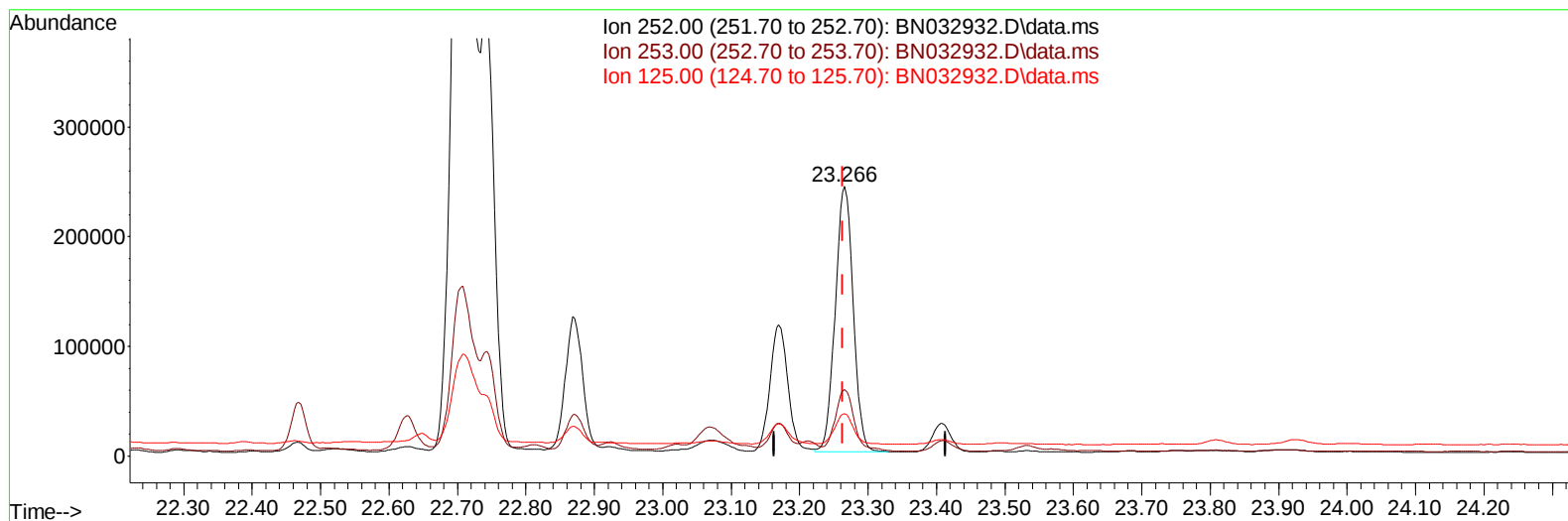
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032932.D
Acq On : 24 Jul 2024 04:33
Operator : MA/JU
Sample : P3215-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C12

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:57:37 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: BN032932.D\data.ms

(26) Benzo(a)pyrene (C)

23.266min (+ 0.003) 7.43 ng/u1 m

response 442389

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	24.77#
125.00	25.70	15.66#
0.00	0.00	0.00

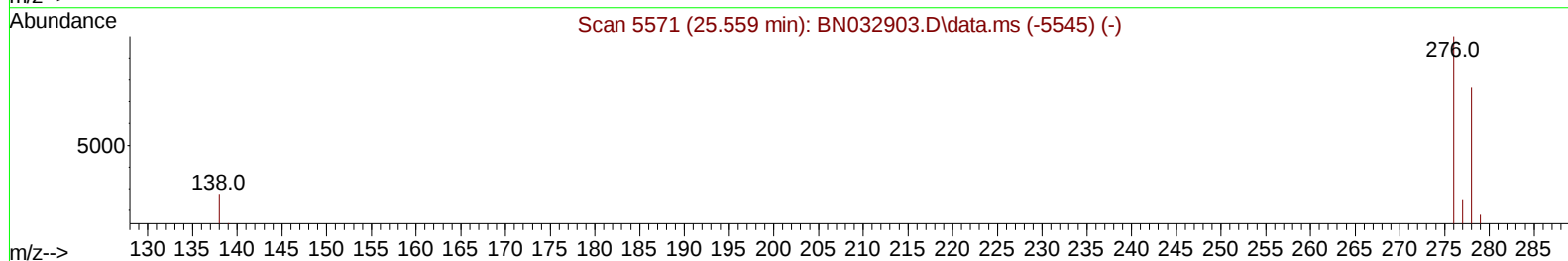
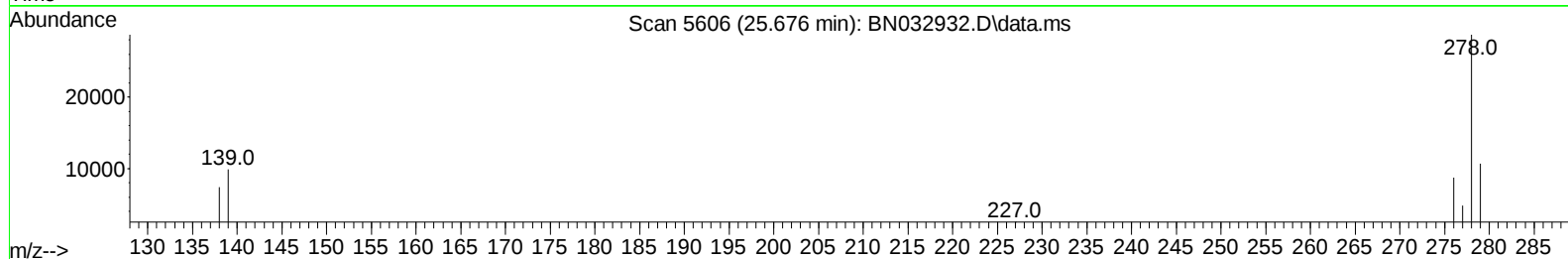
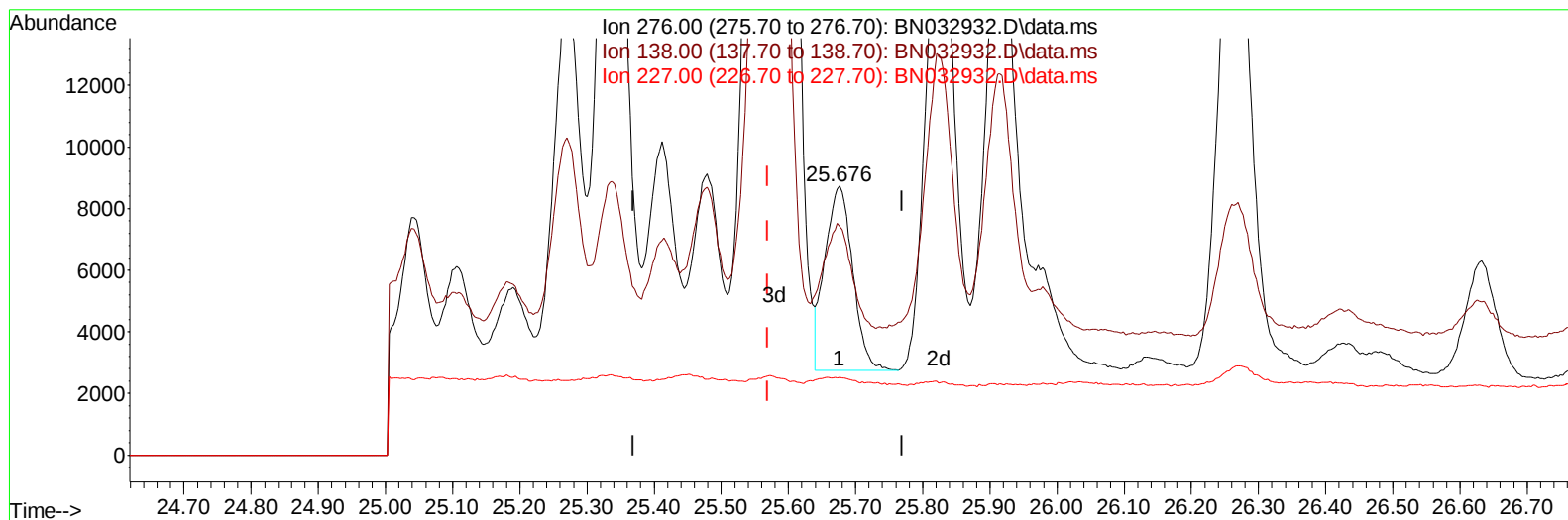
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032932.D
Acq On : 24 Jul 2024 04:33
Operator : MA/JU
Sample : P3215-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C12

Manual IntegrationsAPPROVED

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

Quant Time: Jul 24 04:57:37 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: BN032932.D\data.ms

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

25.676min (+ 0.107) 0.21 ng/u1

response 17113

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	57.44#
227.00	0.00	0.00
0.00	0.00	0.00

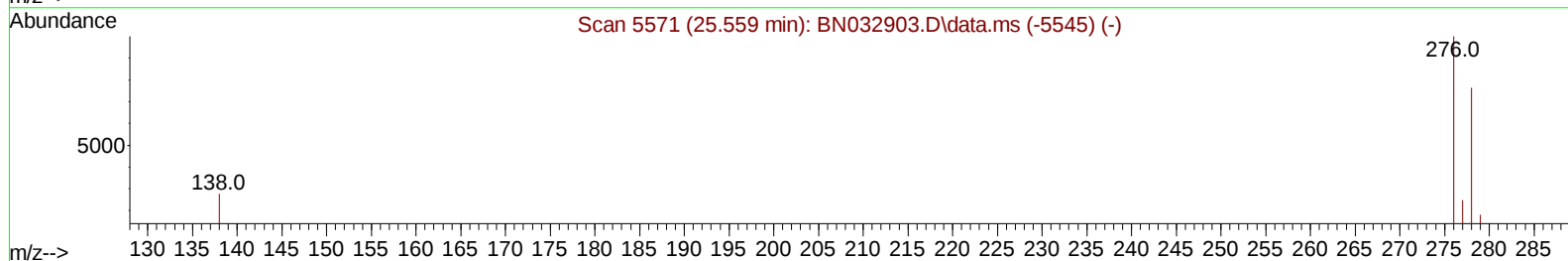
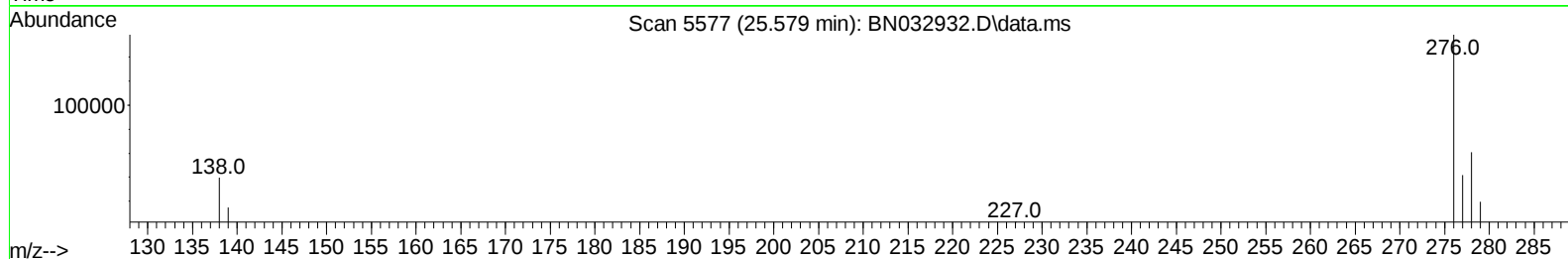
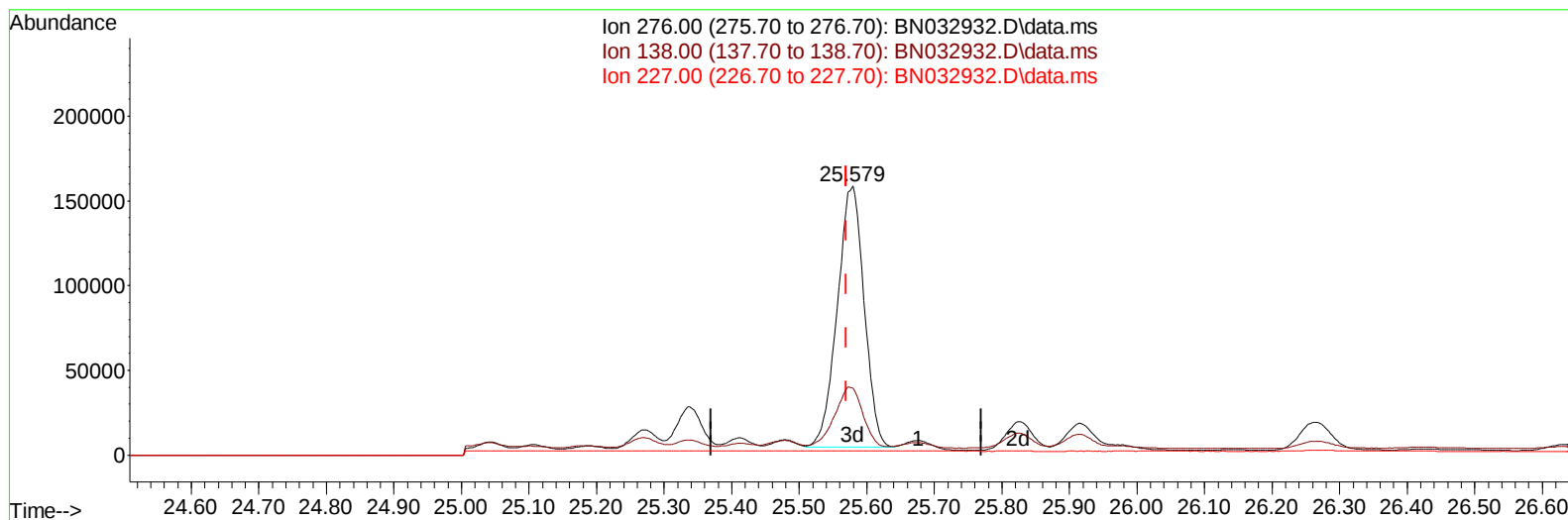
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032932.D
 Acq On : 24 Jul 2024 04:33
 Operator : MA/JU
 Sample : P3215-07
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C12

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:57:37 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: BN032932.D\data.ms

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

25.579min (+ 0.010) 5.28 ng/ul m

response 425703

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	2.31#
227.00	0.00	0.00
0.00	0.00	0.00

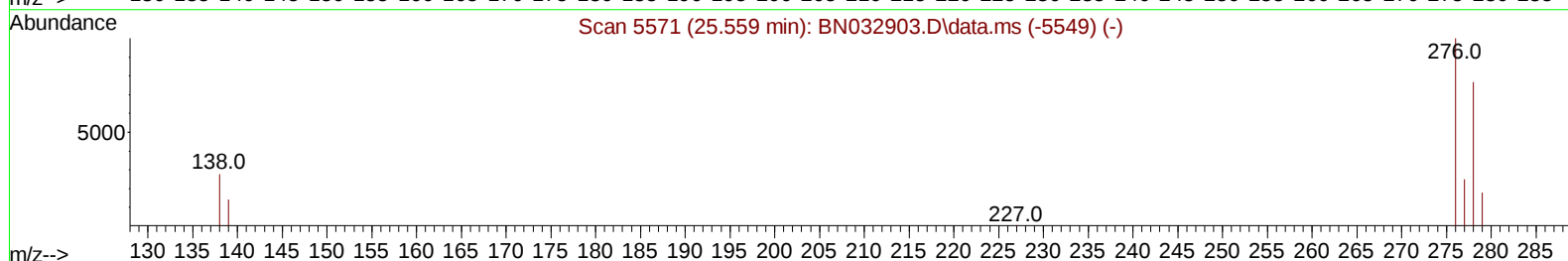
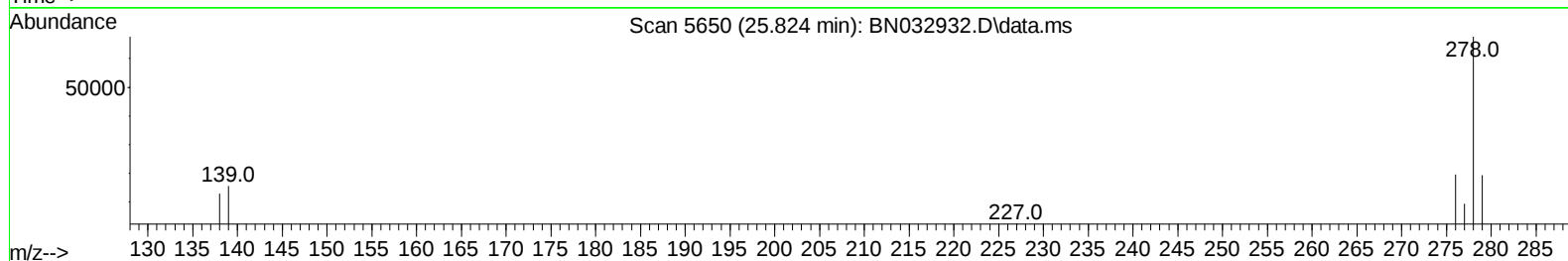
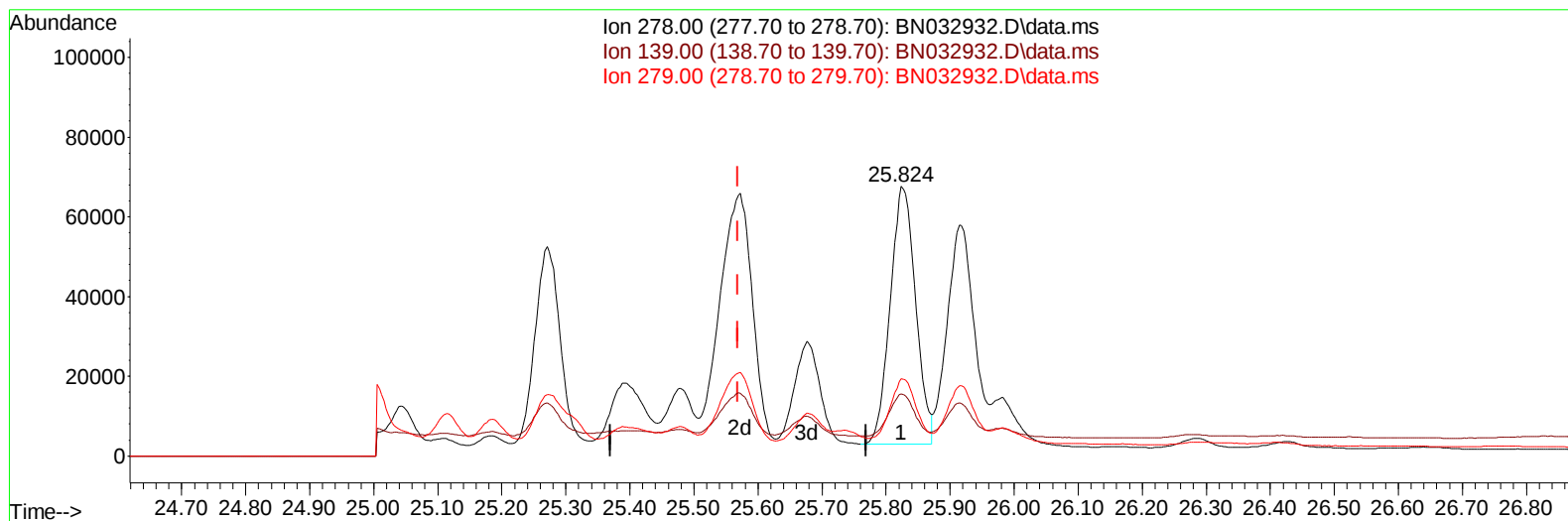
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032932.D
Acq On : 24 Jul 2024 04:33
Operator : MA/JU
Sample : P3215-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C12

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:57:37 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: BN032932.D\data.ms

(28) Dibenzo(a,h)anthracene

25.824min (+ 0.255) 2.86 ng/u1

response 178566

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	23.10
279.00	29.60	28.71
0.00	0.00	0.00

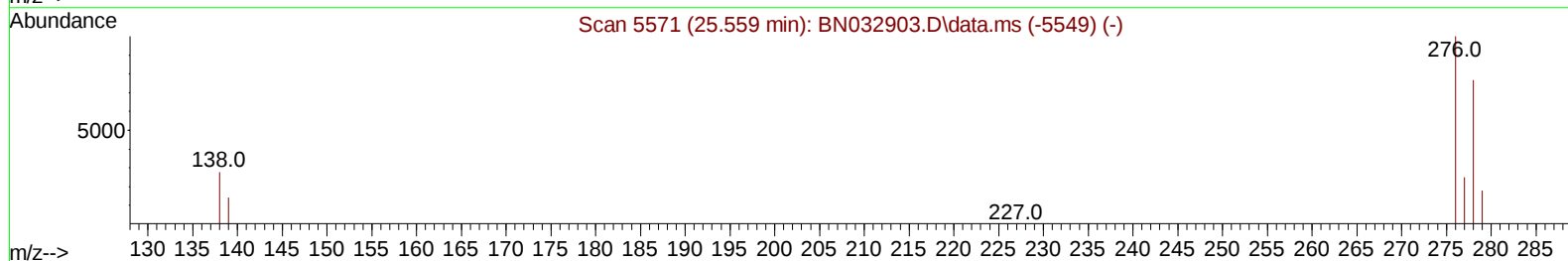
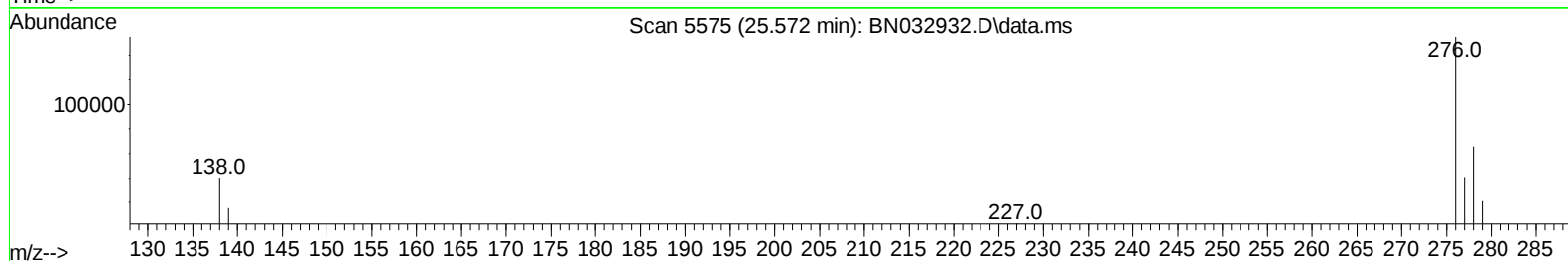
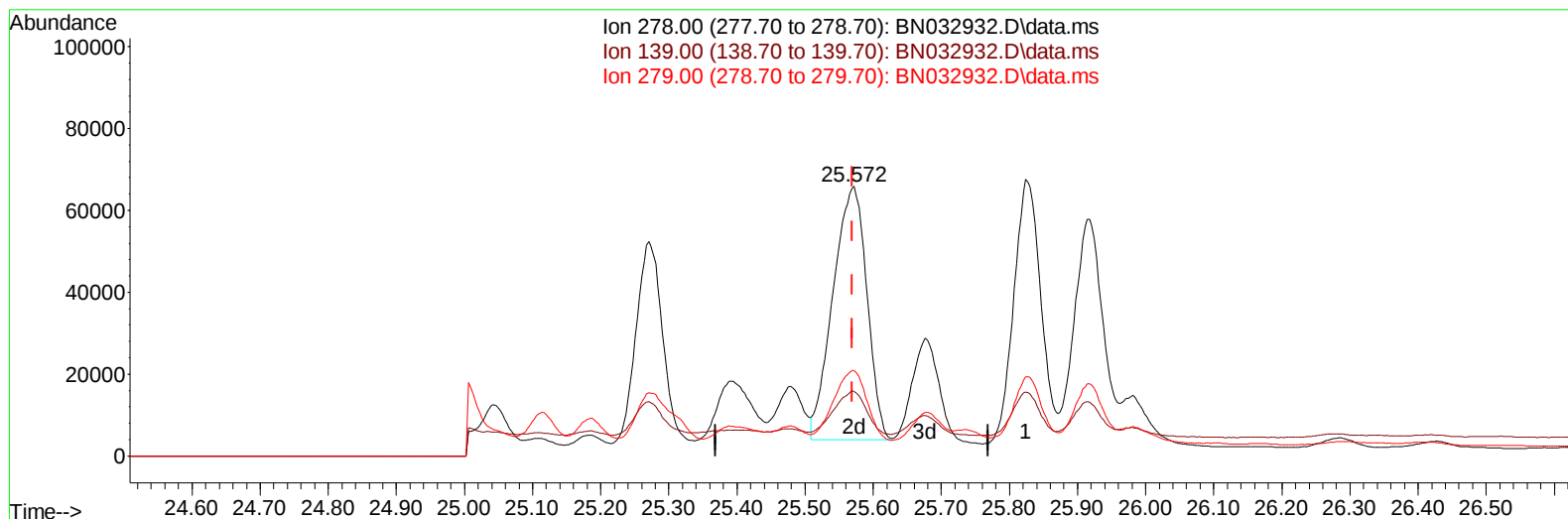
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032932.D
Acq On : 24 Jul 2024 04:33
Operator : MA/JU
Sample : P3215-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C12

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:57:37 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
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TIC: BN032932.D\data.ms

(28) Dibenzo(a,h)anthracene

25.572min (+ 0.003) 3.42 ng/u1 m

response 213700

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	23.93
279.00	29.60	31.82
0.00	0.00	0.00

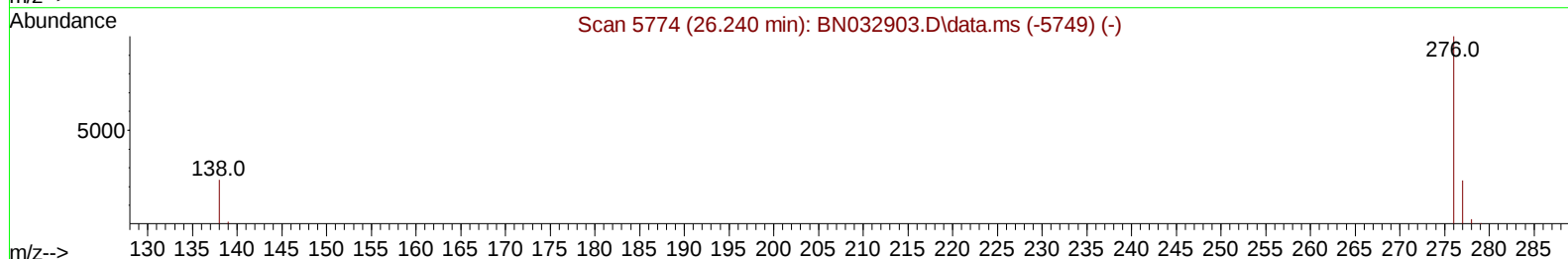
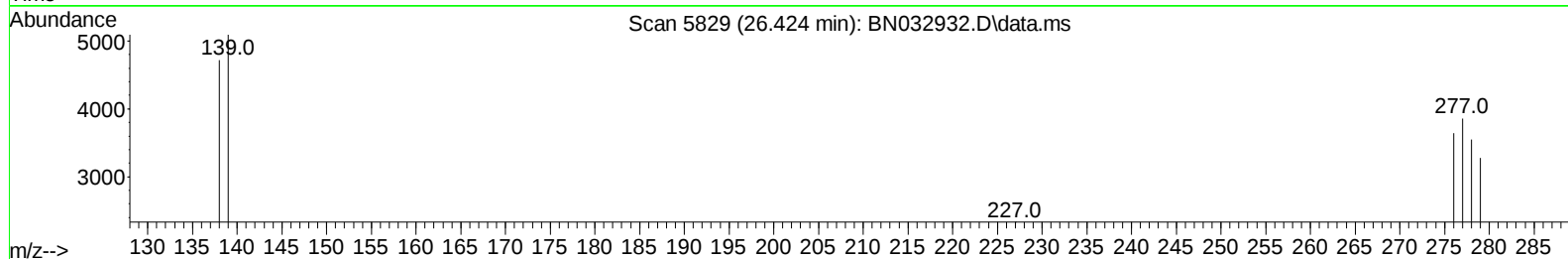
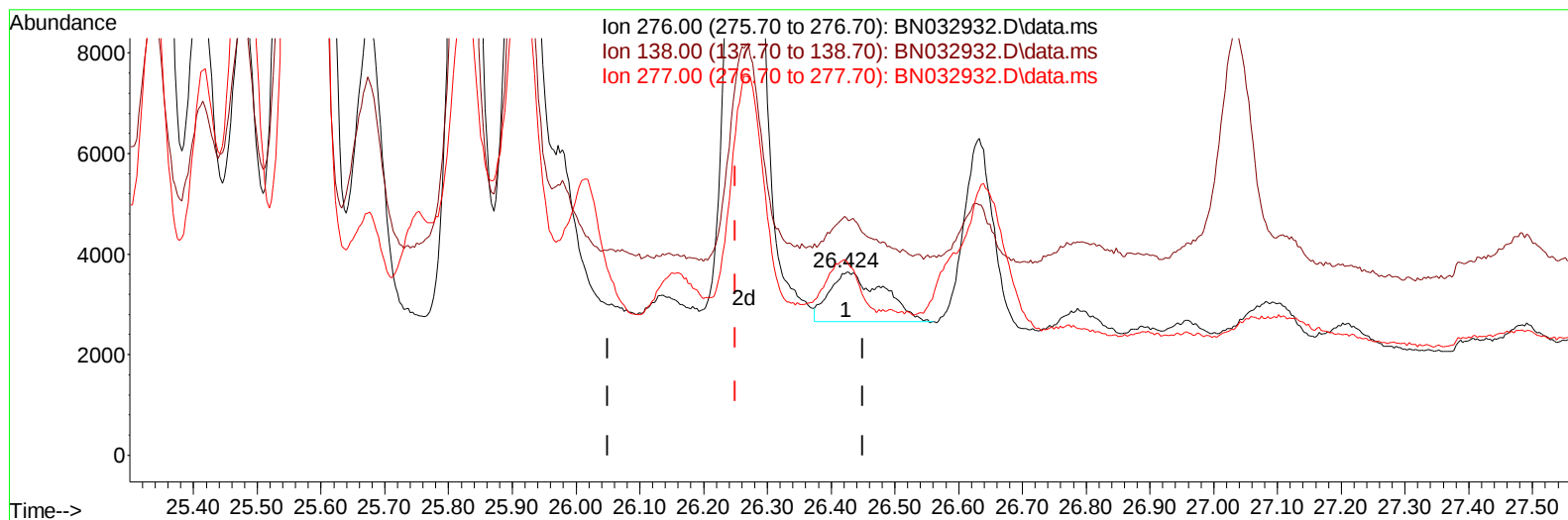
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032932.D
Acq On : 24 Jul 2024 04:33
Operator : MA/JU
Sample : P3215-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C12

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:57:37 2024
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TIC: BN032932.D\data.ms

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

26.424min (+ 0.174) 0.09 ng/u1

response 5820

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	129.54#
277.00	25.80	105.96#
0.00	0.00	0.00

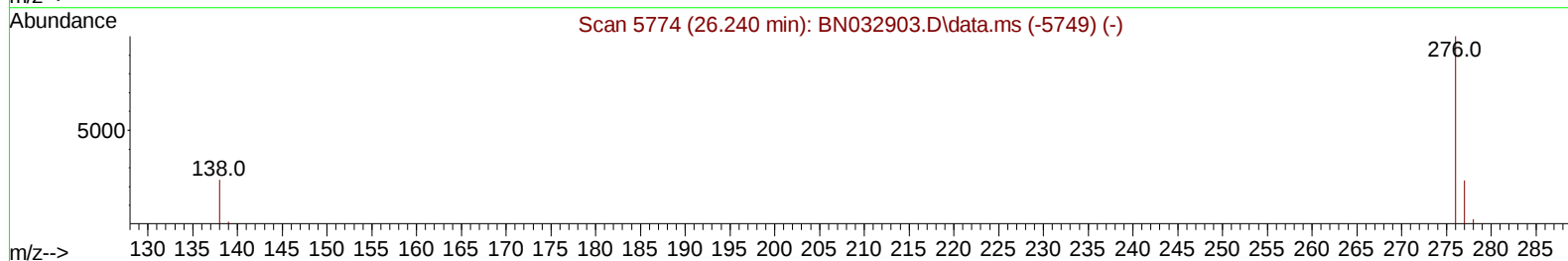
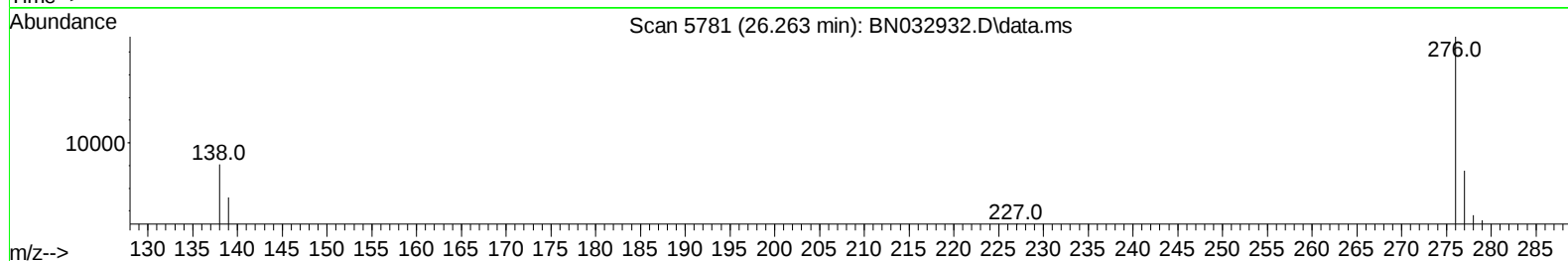
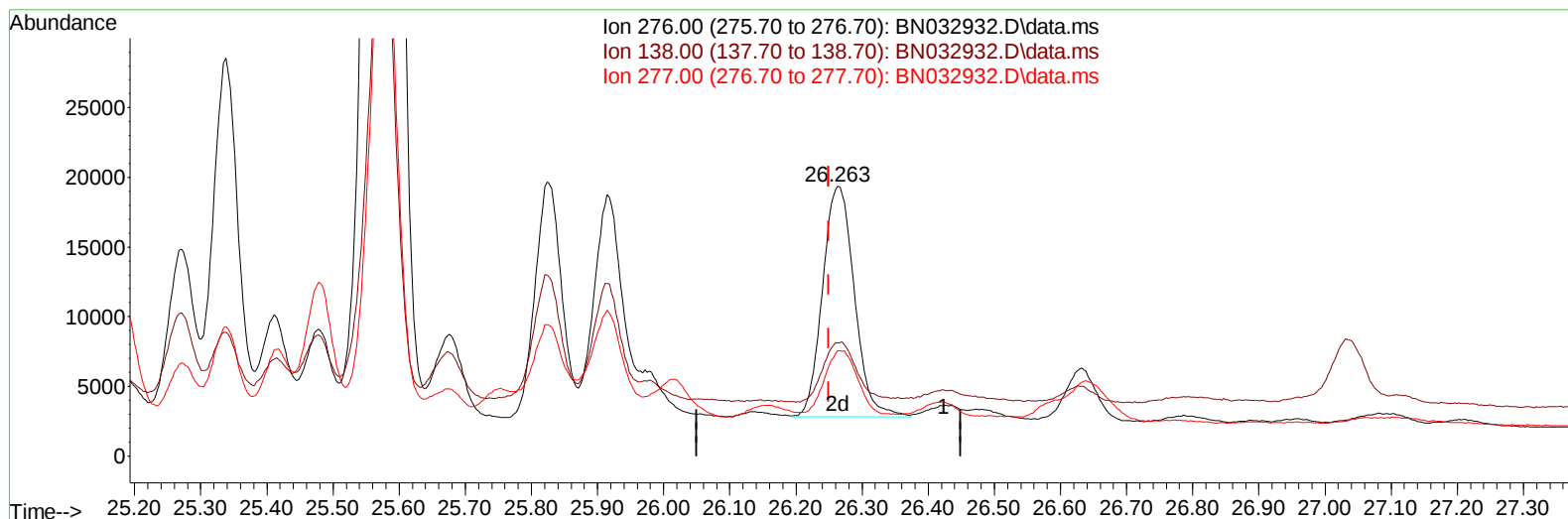
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032932.D
Acq On : 24 Jul 2024 04:33
Operator : MA/JU
Sample : P3215-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C12

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:57:37 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: BN032932.D\data.ms

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

26.263min (+ 0.013) 0.82 ng/ul m

response 55437

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	41.85#
277.00	25.80	39.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032932.D
 Acq On : 24 Jul 2024 04:33
 Operator : MA/JU
 Sample : P3215-07
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C12

Manual IntegrationsAPPROVED

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

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 QLast Update : Sat Jul 20 01:52:15 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.523	152	6077	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.294	136	20054	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.179	164	12280	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.944	188	25556m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.165	240	13187m	0.400	ng/ul	0.00
23) Perylene-d12	23.359	264	19497m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	20677	2.834	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.894	152	6229	0.206	ng/ul	-0.03
18) Fluoranthene-d10	18.985	212	8784m	0.204	ng/ul	-0.01
Target Compounds						
						Qvalue
5) Naphthalene	10.343	128	116070	2.155	ng/ul	97
7) 2-Methylnaphthalene	11.971	142	54097	1.609	ng/ul	97
8) 1-Methylnaphthalene	12.191	142	47505	1.367	ng/ul	99
10) Acenaphthylene	13.897	152	110520	2.228	ng/ul	99
11) Acenaphthene	14.239	153	171268	4.174	ng/ul	98
12) Fluorene	15.238	166	177433	3.783	ng/ul	99
14) Pentachlorophenol	16.623	266	320m	0.071	ng/ul	
15) Phenanthrene	16.986	178	2011008m	28.894	ng/ul	
16) Anthracene	17.075	178	460972m	8.107	ng/ul	
19) Fluoranthene	19.022	202	2473986m	46.143	ng/ul	
20) Pyrene	19.385	202	1554348m	28.008	ng/ul	
21) Benzo(a)anthracene	21.147	228	1240019m	29.541	ng/ul	
22) Chrysene	21.200	228	1204726m	19.840	ng/ul	
24) Benzo(b)fluoranthene	22.705	252	1550072m	22.533	ng/ul	
25) Benzo(k)fluoranthene	22.743	252	517324m	6.171	ng/ul	
26) Benzo(a)pyrene	23.266	252	442389m	7.431	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.579	276	425703m	5.281	ng/ul	
28) Dibenzo(a,h)anthracene	25.572	278	213700m	3.420	ng/ul	
29) Benzo(g,h,i)perylene	26.263	276	55437m	0.823	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032932.D
Acq On : 24 Jul 2024 04:33
Operator : MA/JU
Sample : P3215-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C12

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:57:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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