

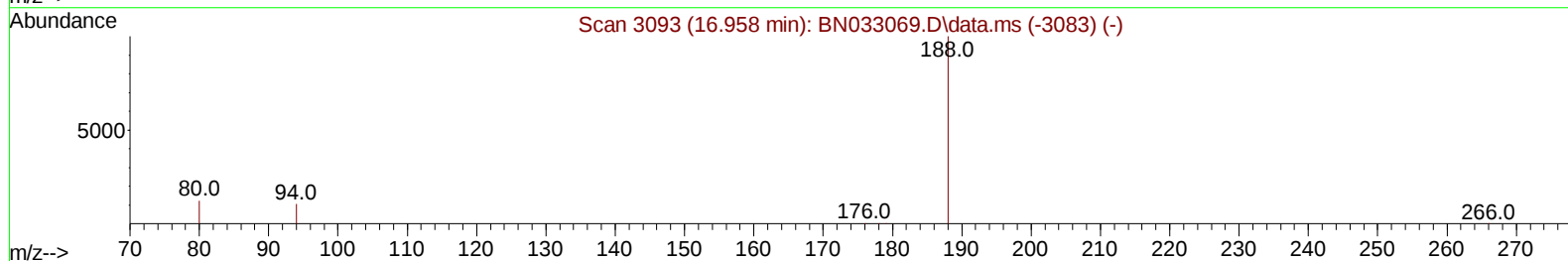
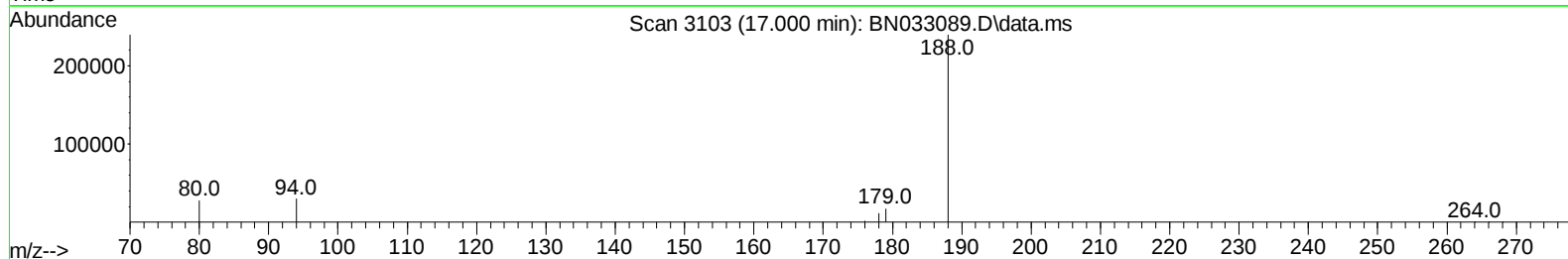
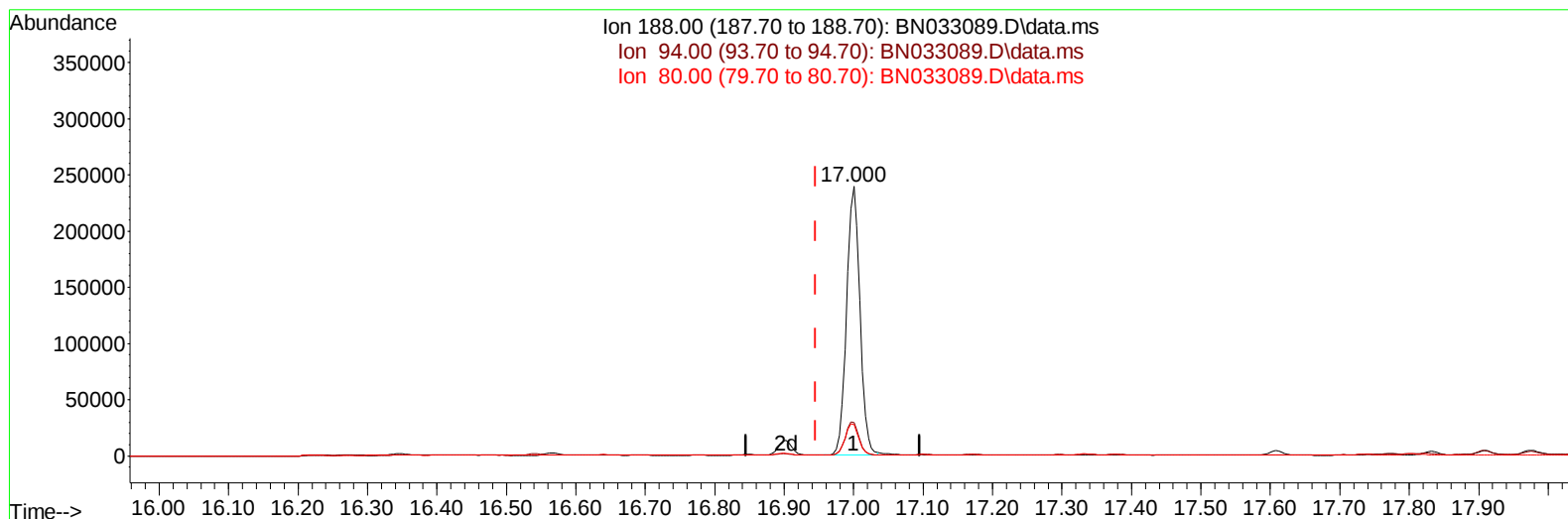
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033089.D
Acq On : 30 Jul 2024 04:42
Operator : MA/JU
Sample : P3329-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E00

Manual IntegrationsAPPROVED

Quant Time: Jul 30 05:07:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033089.D\data.ms

(13) Phenanthrene-d10 (I)

17.000min (+ 0.055) 0.40 ng/u1

response 319933

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	12.51
80.00	13.10	11.59
0.00	0.00	0.00

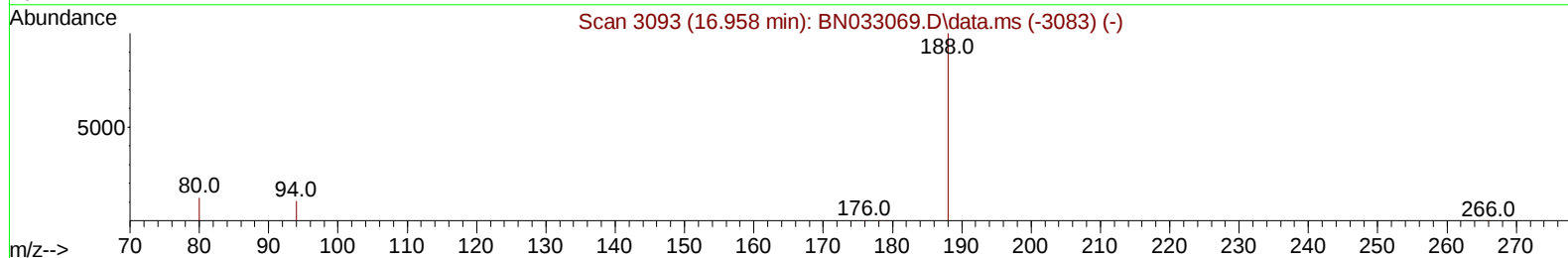
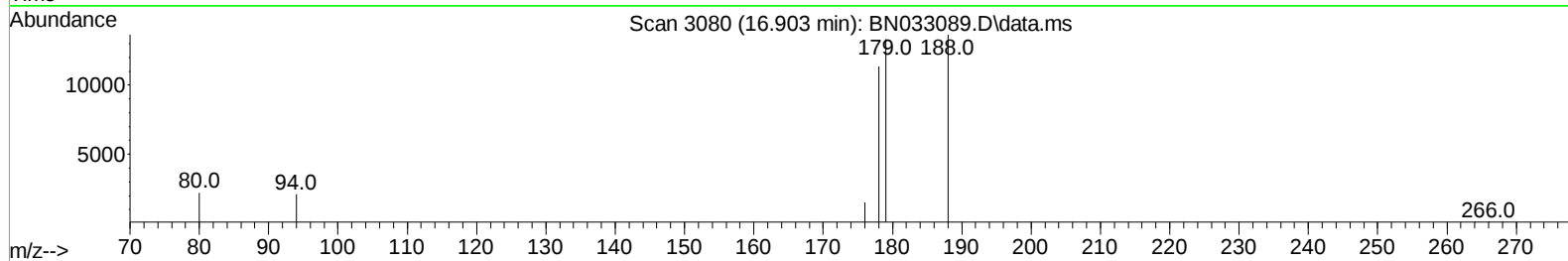
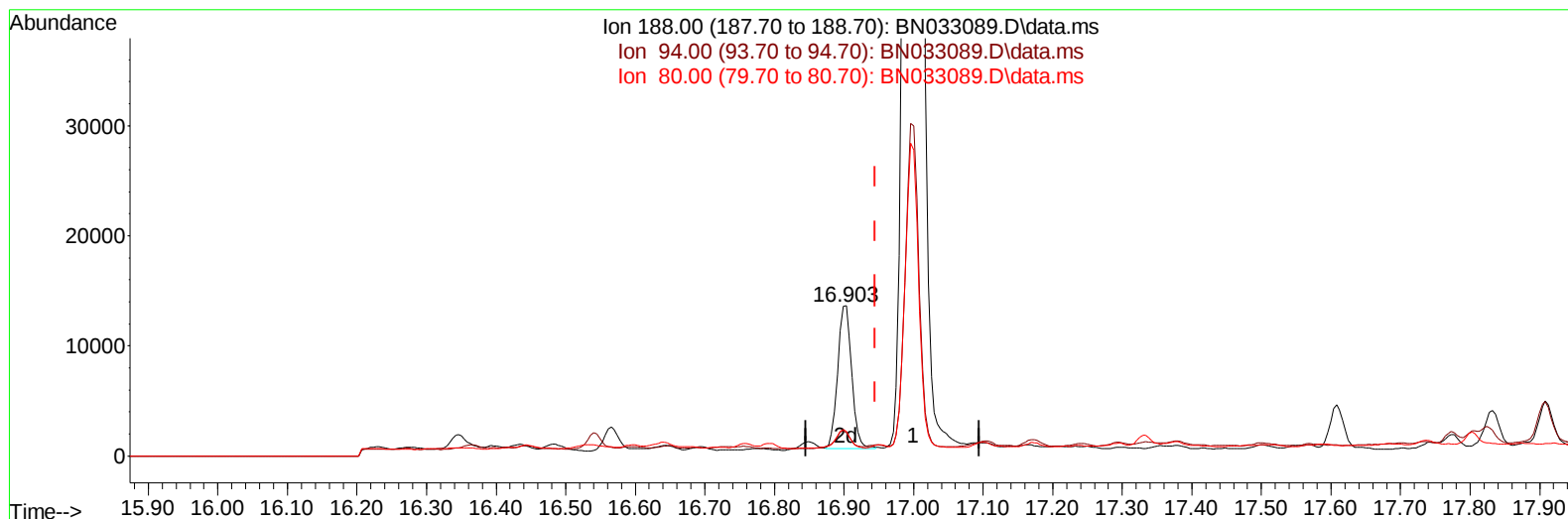
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033089.D
Acq On : 30 Jul 2024 04:42
Operator : MA/JU
Sample : P3329-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E00

Manual IntegrationsAPPROVED

Quant Time: Jul 30 05:07:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033089.D\data.ms

(13) Phenanthrene-d10 (I)

16.903min (-0.042) 0.40 ng/ul m

response 18046

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	15.49#
80.00	13.10	16.29#
0.00	0.00	0.00

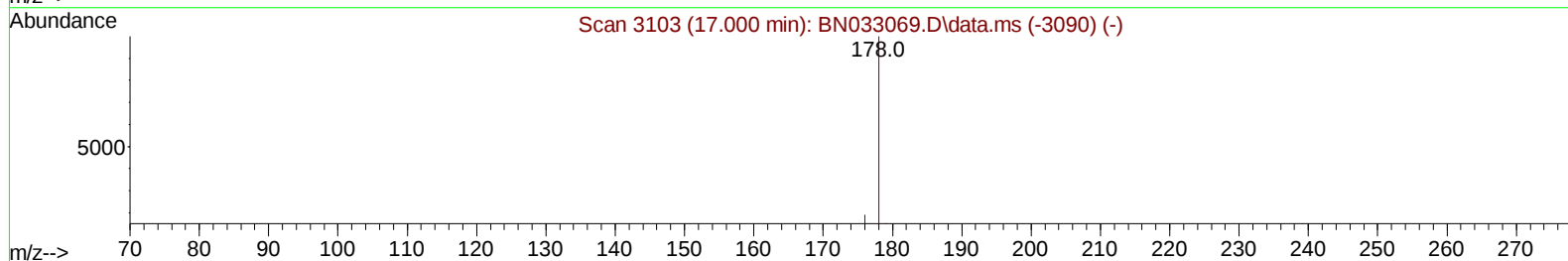
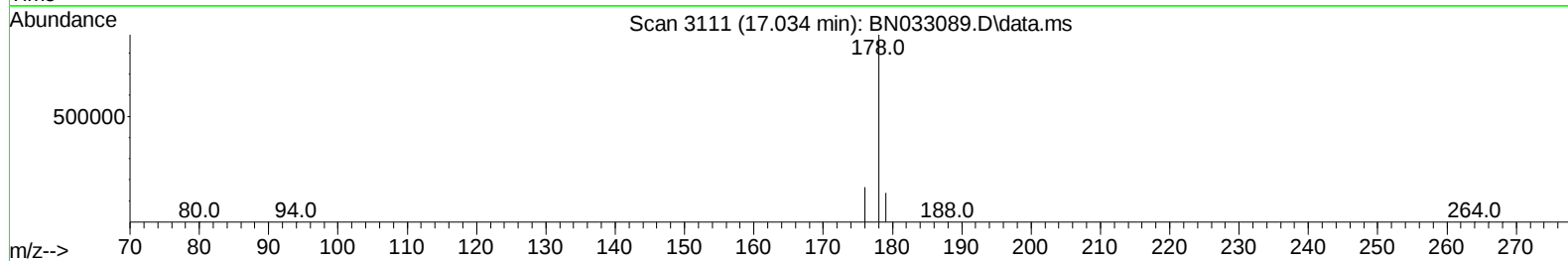
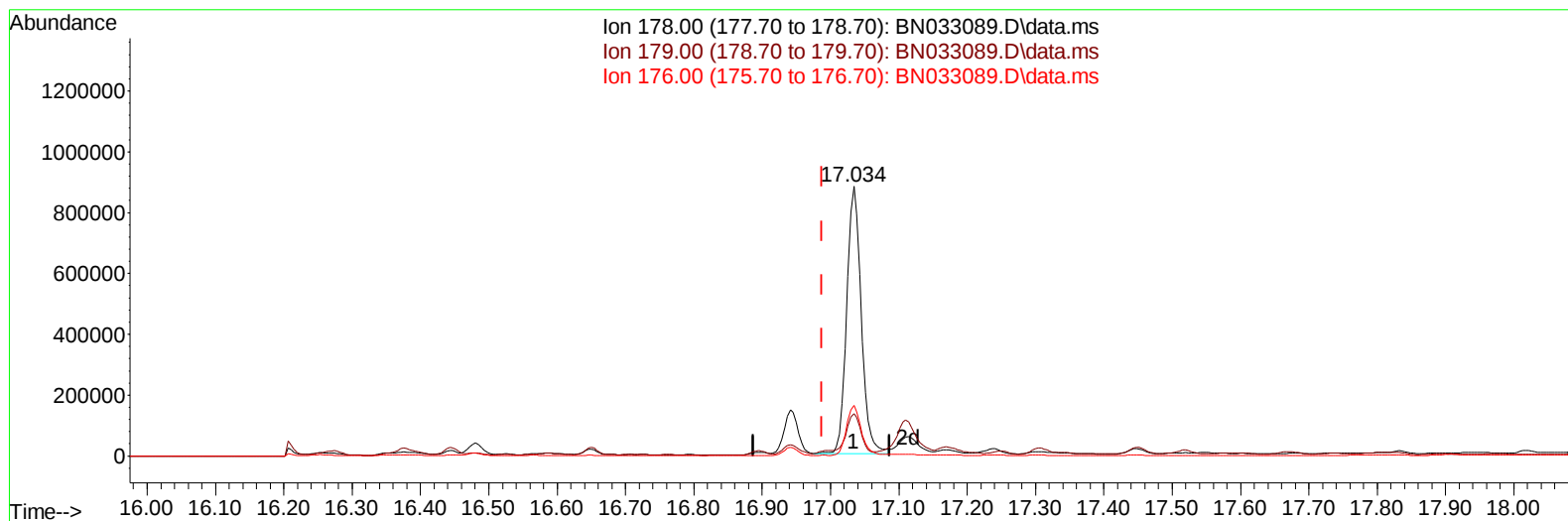
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033089.D
Acq On : 30 Jul 2024 04:42
Operator : MA/JU
Sample : P3329-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E00

Manual IntegrationsAPPROVED

Quant Time: Jul 30 05:07:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033089.D\data.ms

(15) Phenanthrene

17.034min (+ 0.047) 26.76 ng/u1

response 1295191

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.10	15.77
176.00	19.90	18.66
0.00	0.00	0.00

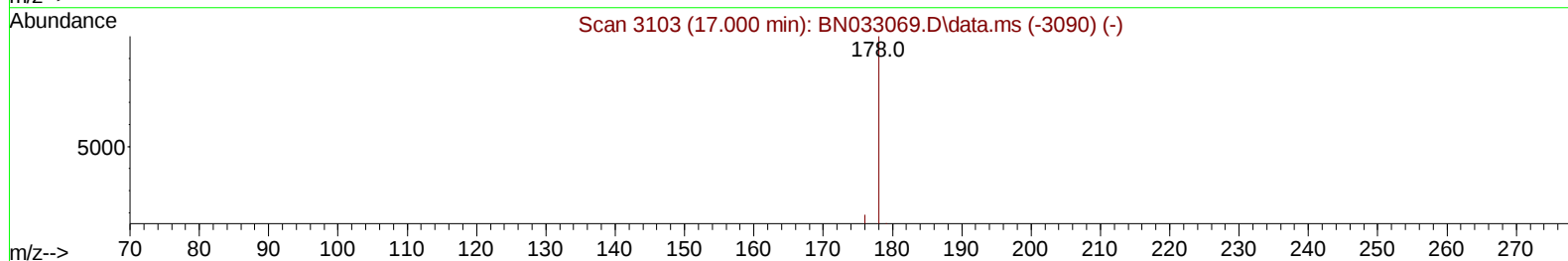
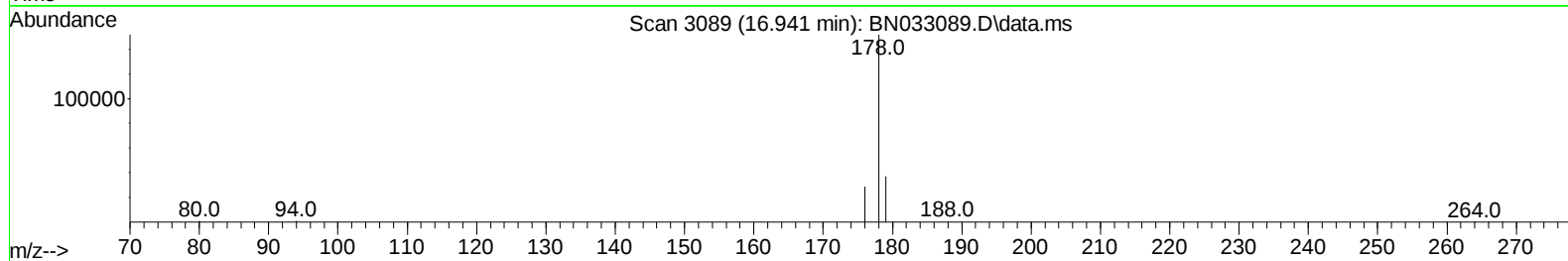
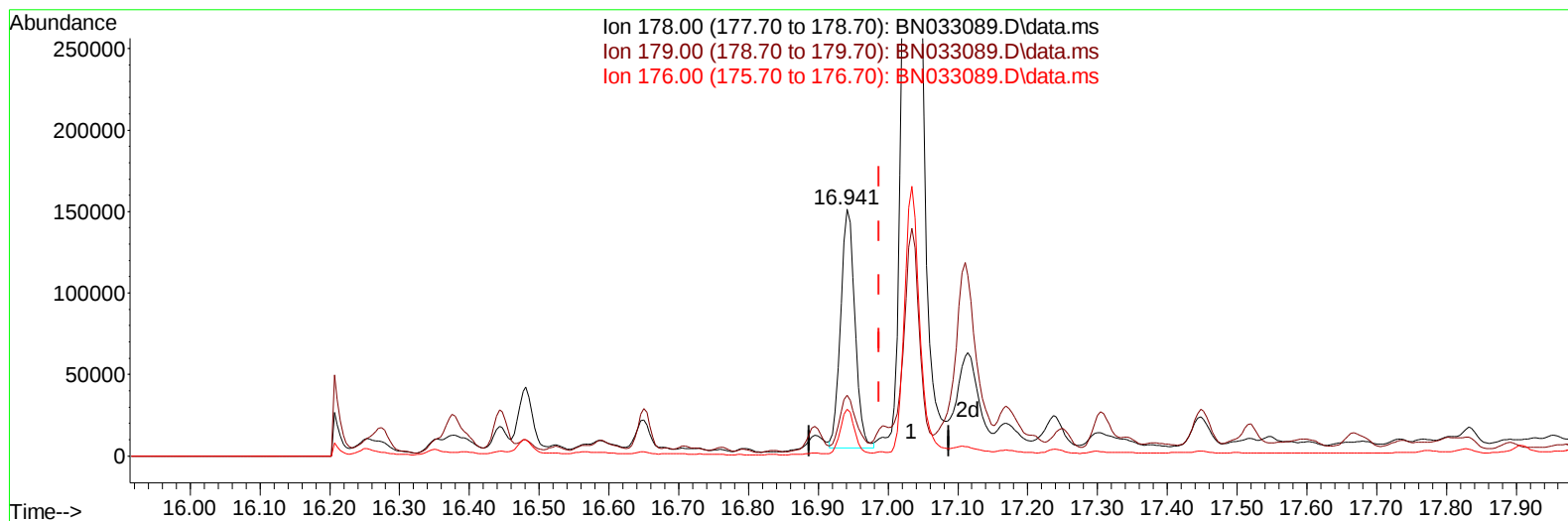
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033089.D
 Acq On : 30 Jul 2024 04:42
 Operator : MA/JU
 Sample : P3329-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7E00

Manual IntegrationsAPPROVED

Quant Time: Jul 30 05:07:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 29 23:04:40 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024



TIC: BN033089.D\data.ms

(15) Phenanthrene

16.941min (-0.046) 4.31 ng/ul m

response 208666

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.10	24.46#
176.00	19.90	18.98
0.00	0.00	0.00

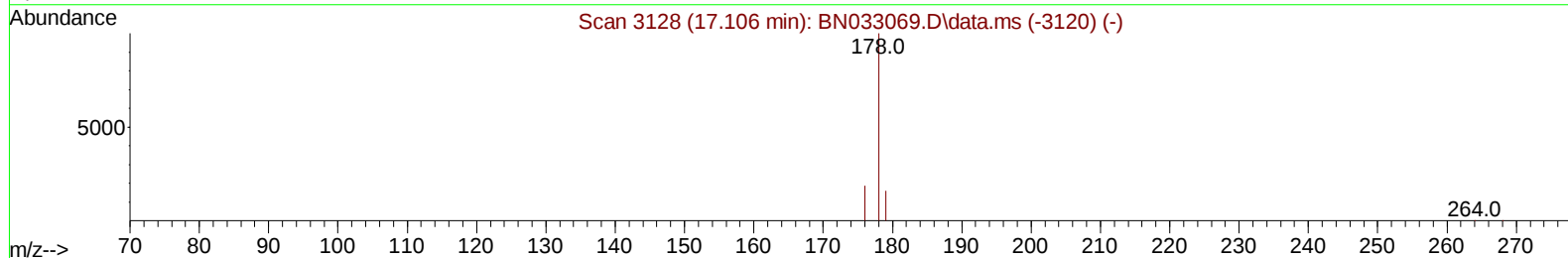
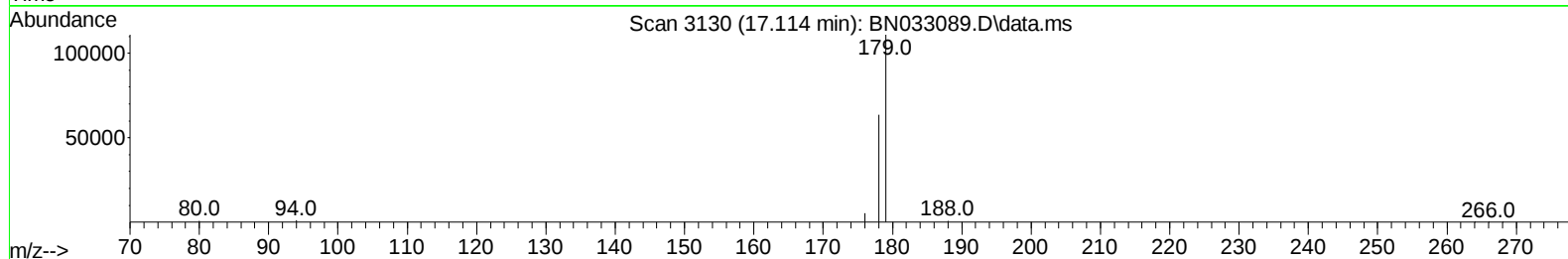
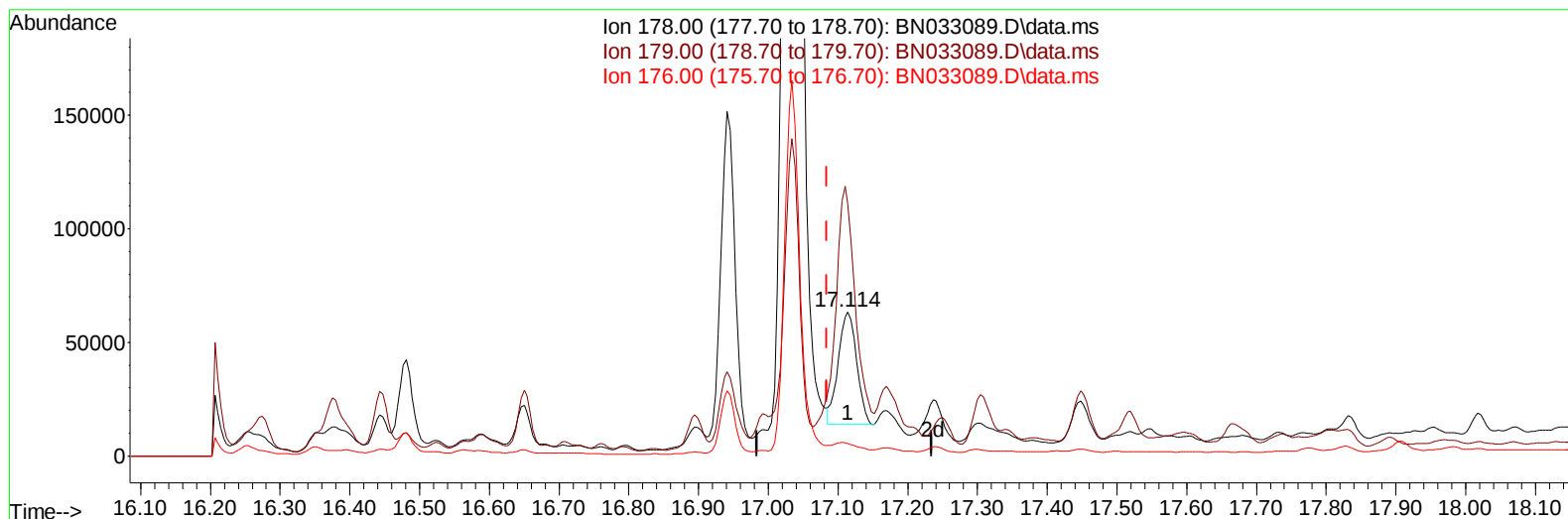
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033089.D
Acq On : 30 Jul 2024 04:42
Operator : MA/JU
Sample : P3329-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E00

Manual IntegrationsAPPROVED

Quant Time: Jul 30 05:07:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033089.D\data.ms

(16) Anthracene

17.114min (+ 0.030) 2.06 ng/u1

response 89820

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.90	174.81#
176.00	19.80	8.71#
0.00	0.00	0.00

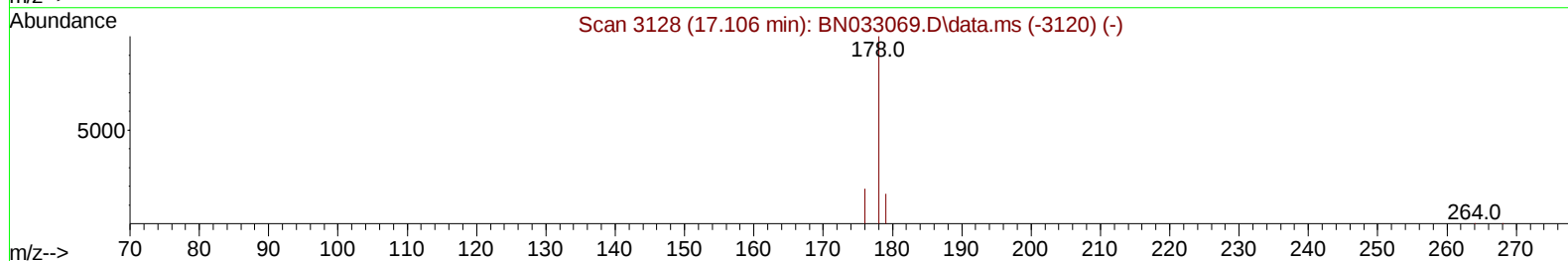
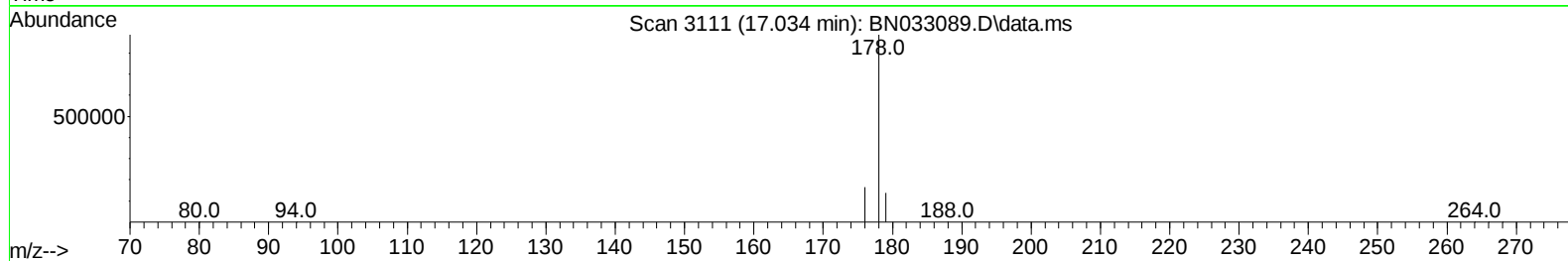
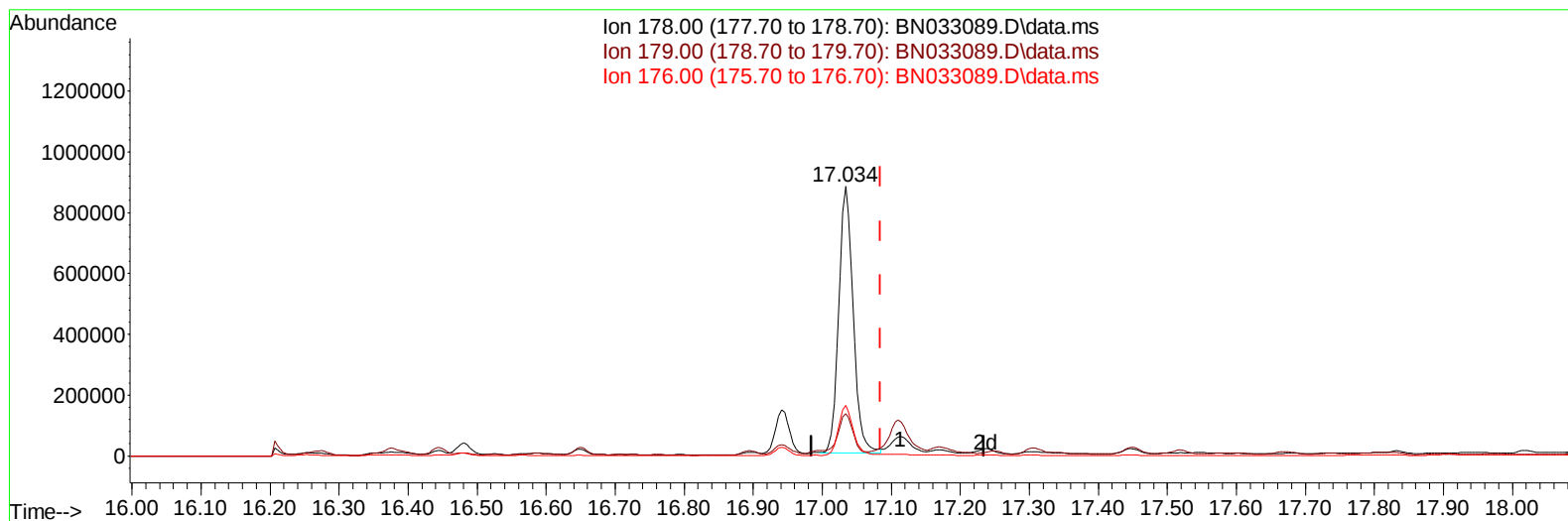
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033089.D
Acq On : 30 Jul 2024 04:42
Operator : MA/JU
Sample : P3329-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E00

Manual IntegrationsAPPROVED

Quant Time: Jul 30 05:07:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033089.D\data.ms

(16) Anthracene

17.034min (-0.050) 29.56 ng/ul m

response 1286439

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.90	15.77
176.00	19.80	18.66
0.00	0.00	0.00

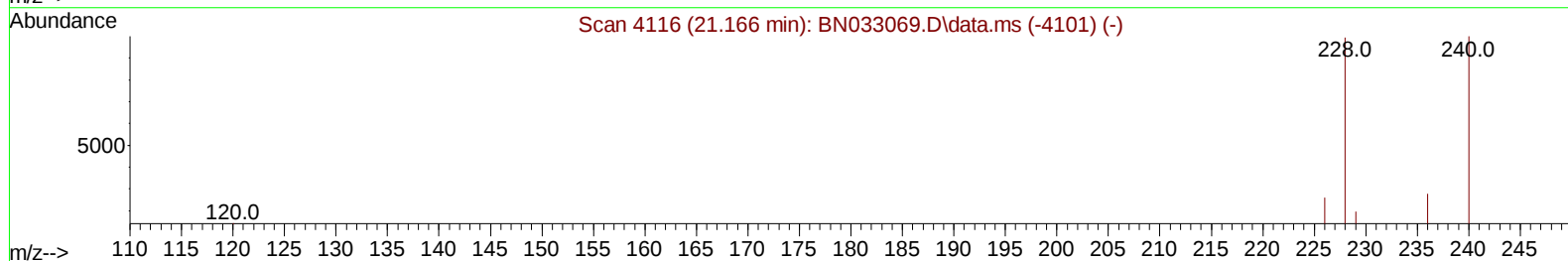
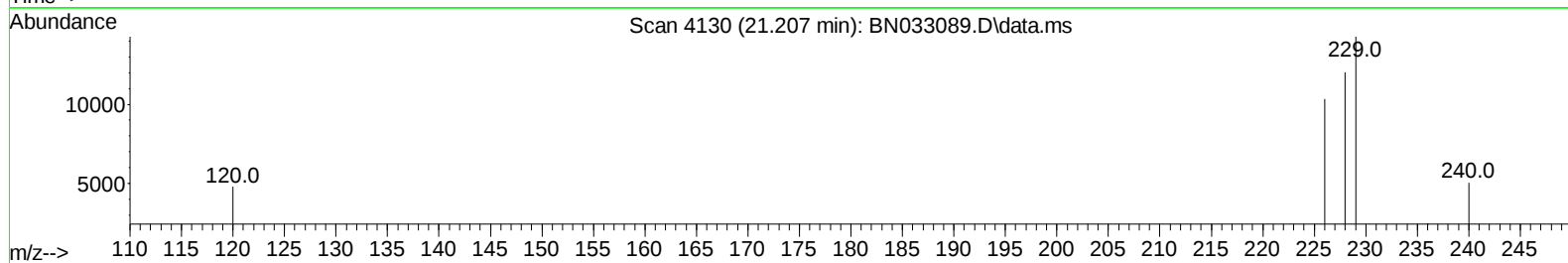
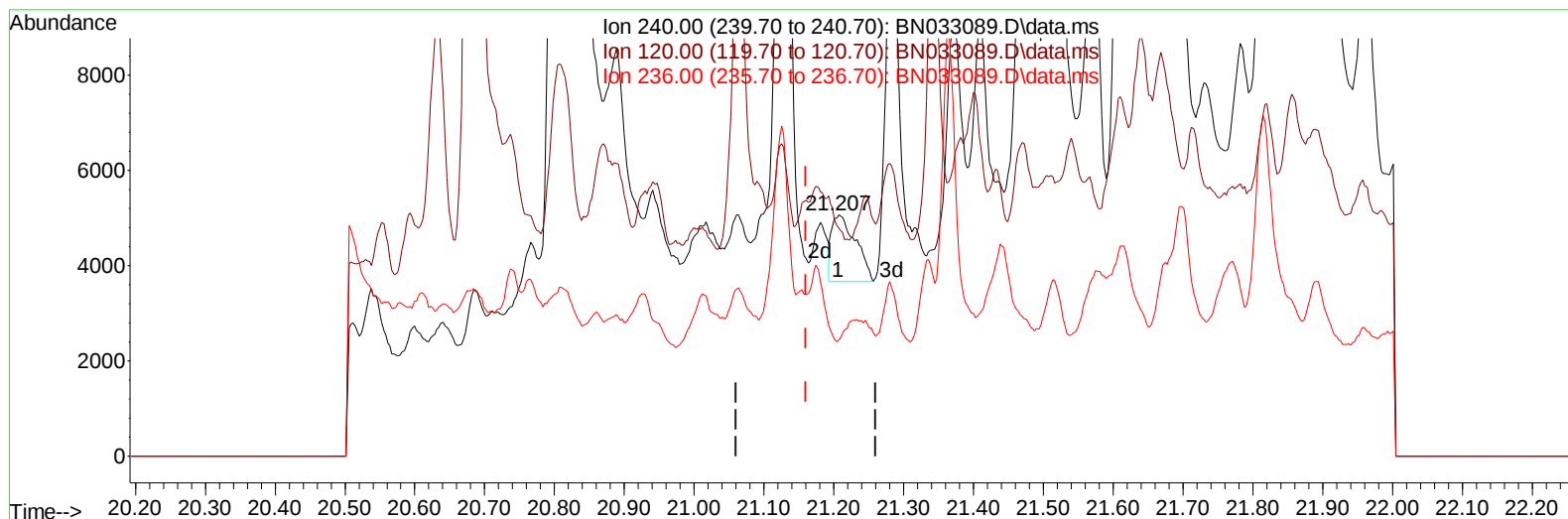
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033089.D
Acq On : 30 Jul 2024 04:42
Operator : MA/JU
Sample : P3329-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E00

Manual IntegrationsAPPROVED

Quant Time: Jul 30 05:07:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033089.D\data.ms

(17) Chrysene-d12

21.207min (+ 0.047) 0.40 ng/u1

response 3329

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	21.40	94.66#
236.00	29.50	48.21#
0.00	0.00	0.00

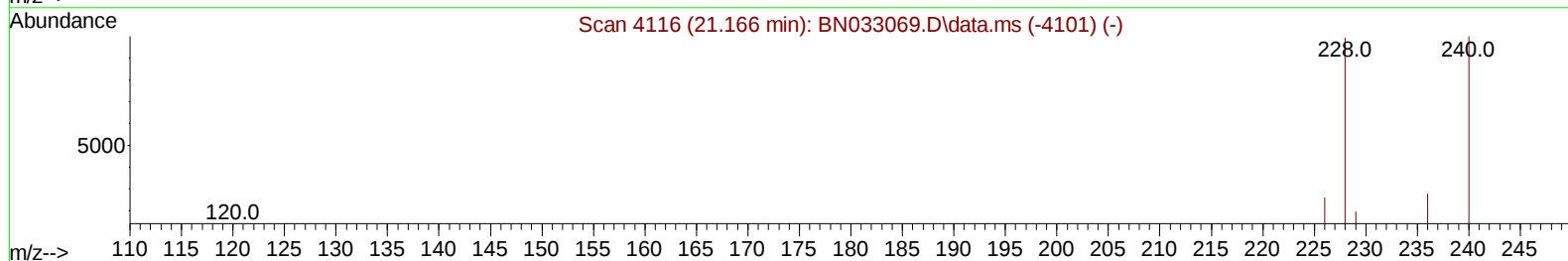
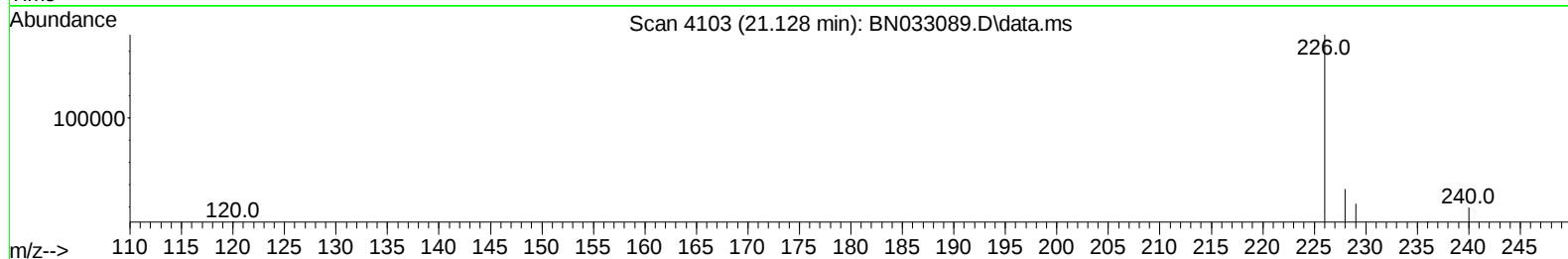
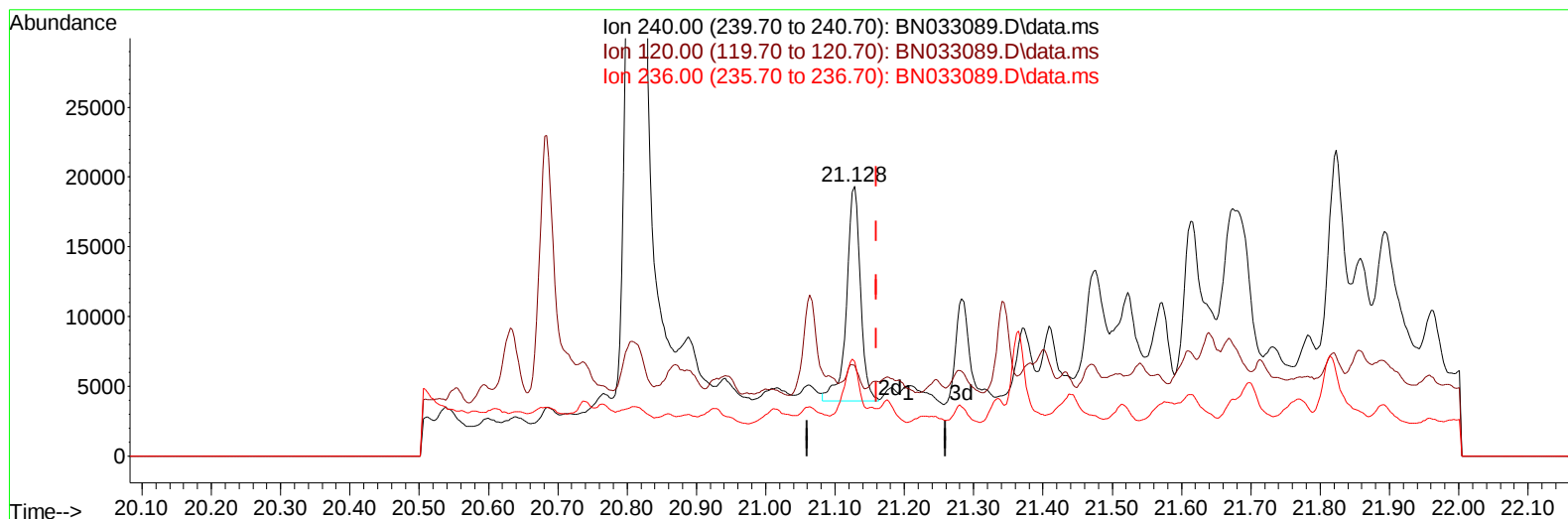
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033089.D
 Acq On : 30 Jul 2024 04:42
 Operator : MA/JU
 Sample : P3329-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7E00

Manual IntegrationsAPPROVED

Quant Time: Jul 30 05:07:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 29 23:04:40 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024



TIC: BN033089.D\data.ms

(17) Chrysene-d12

21.128min (-0.032) 0.40 ng/ul m

response 21541

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	21.40	33.54#
236.00	29.50	34.95
0.00	0.00	0.00

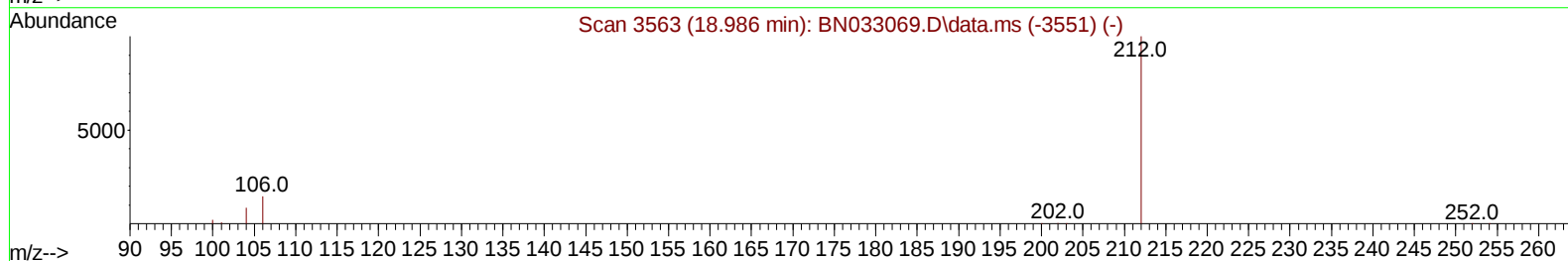
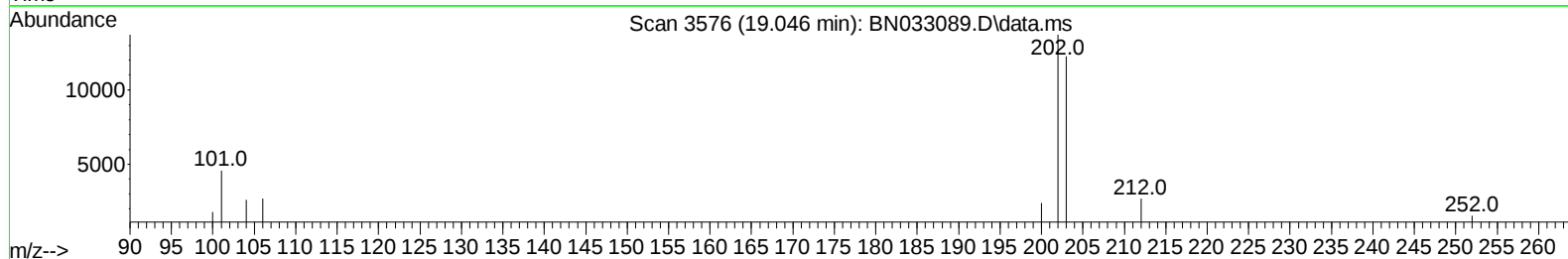
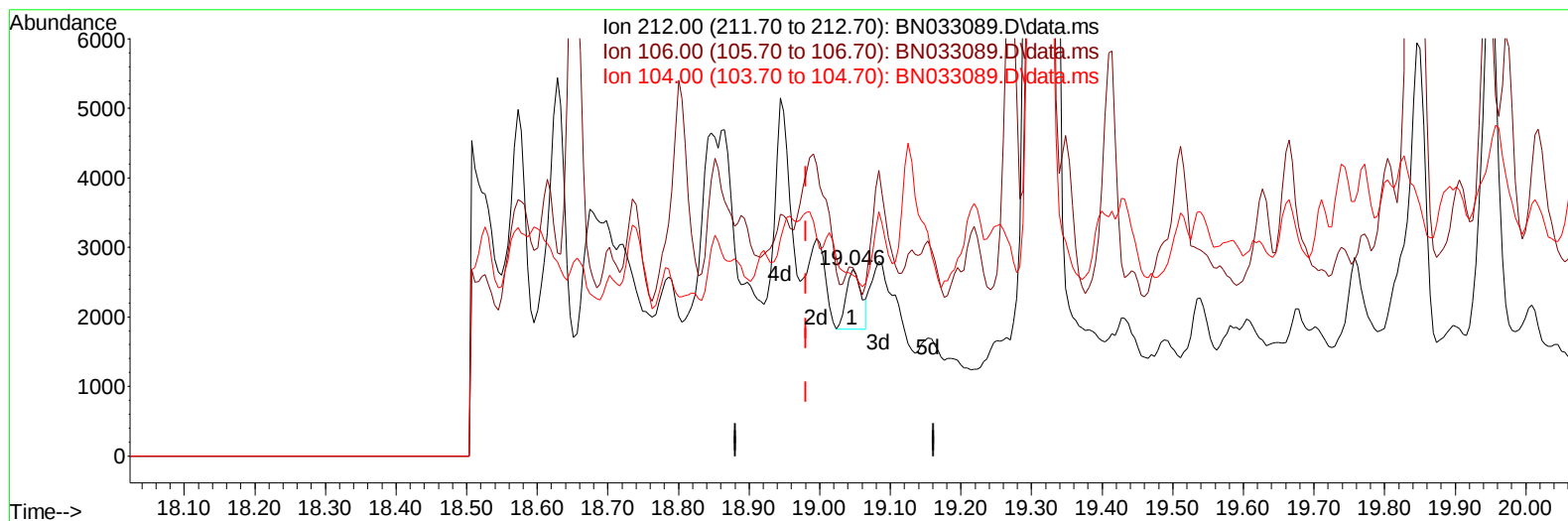
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033089.D
Acq On : 30 Jul 2024 04:42
Operator : MA/JU
Sample : P3329-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E00

Manual IntegrationsAPPROVED

Quant Time: Jul 30 05:07:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/30/2024
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TIC: BN033089.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.046min (+ 0.065) 0.02 ng/u1

response 1297

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.00	34.70#
104.00	9.00	0.00#
0.00	0.00	0.00

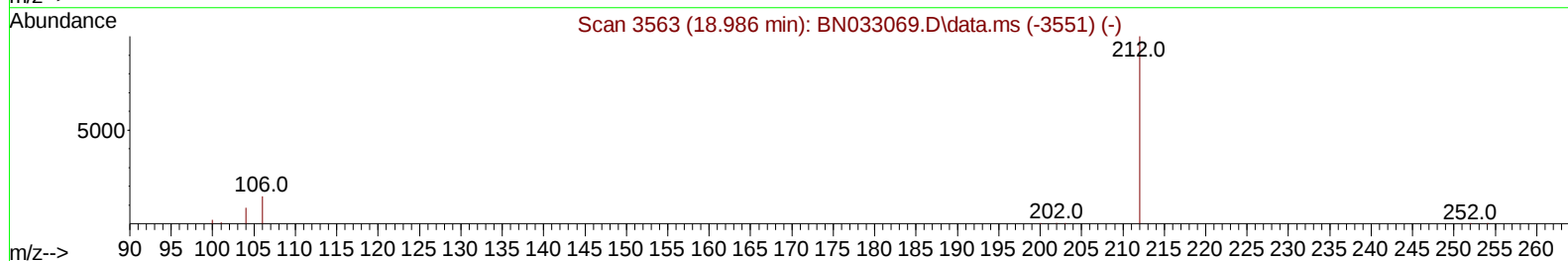
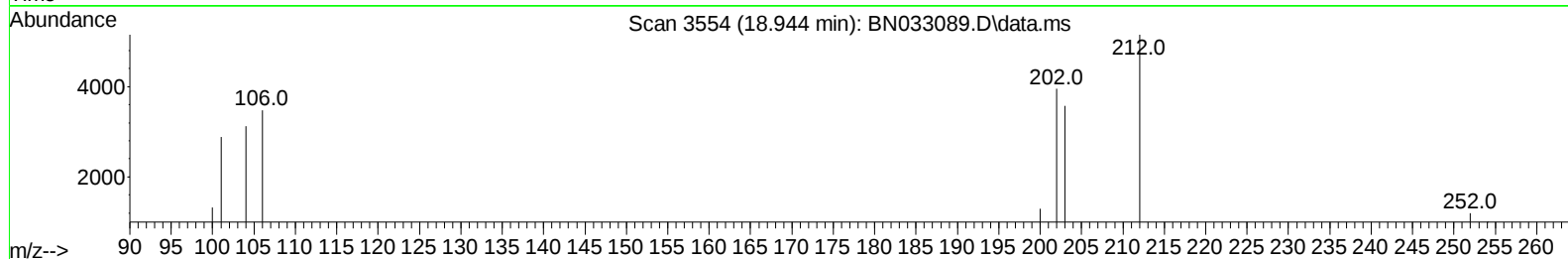
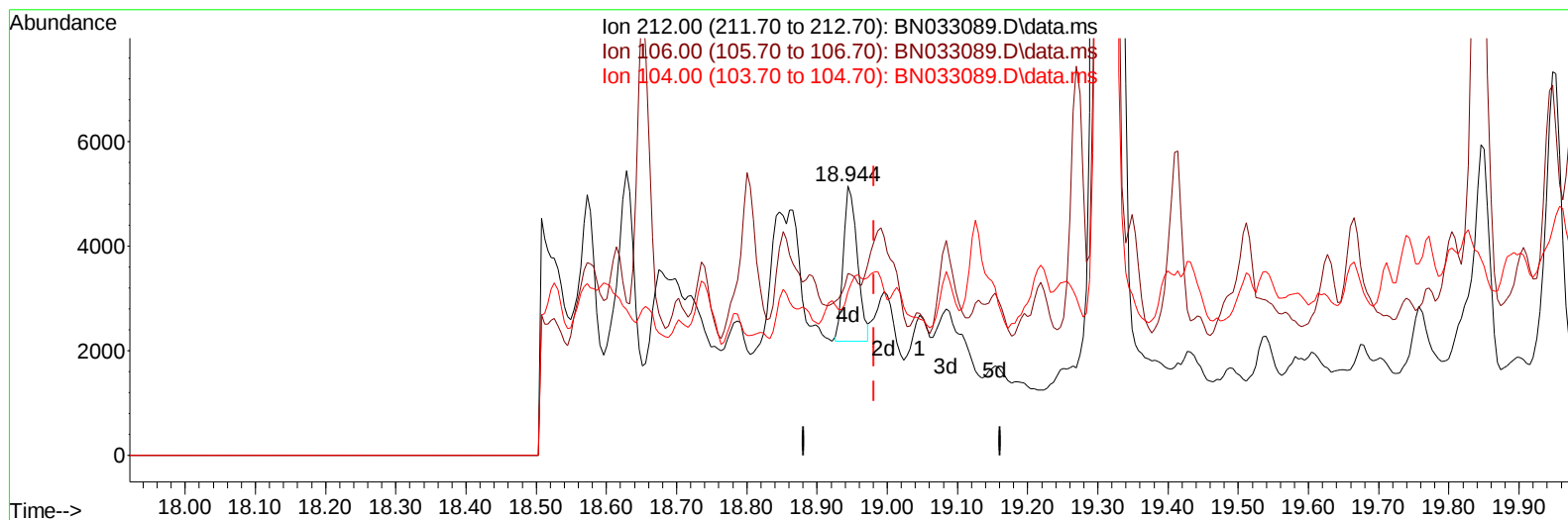
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033089.D
 Acq On : 30 Jul 2024 04:42
 Operator : MA/JU
 Sample : P3329-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7E00

Manual IntegrationsAPPROVED

Quant Time: Jul 30 05:07:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 29 23:04:40 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024



TIC: BN033089.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.944min (-0.037) 0.07 ng/ul m

response 4071

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.00	11.05#
104.00	9.00	0.00#
0.00	0.00	0.00

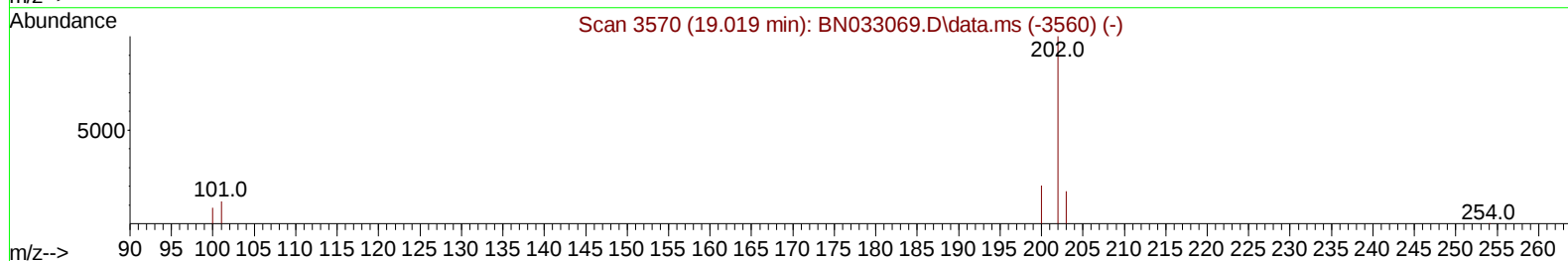
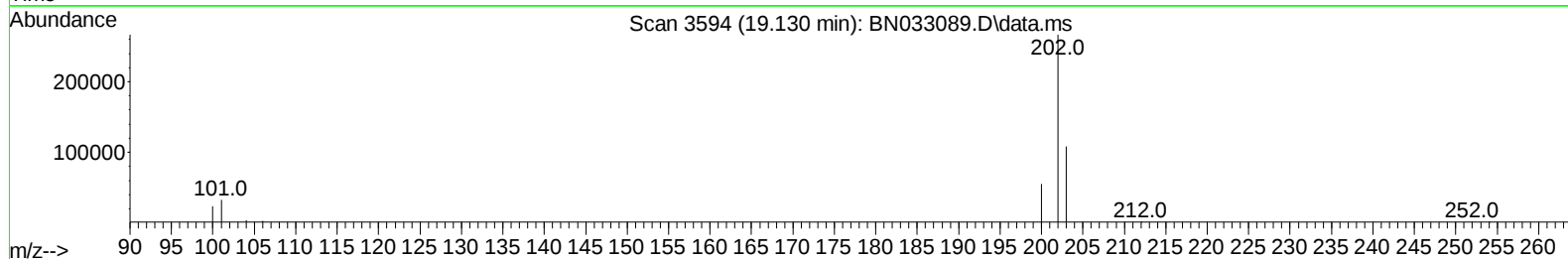
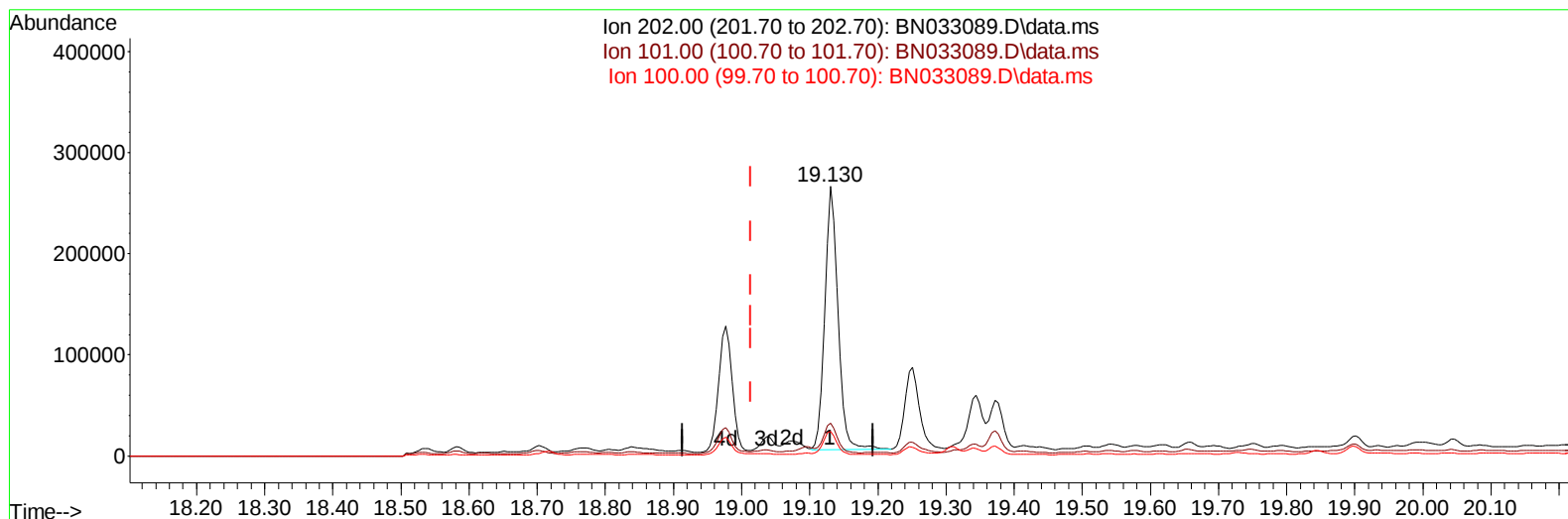
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033089.D
Acq On : 30 Jul 2024 04:42
Operator : MA/JU
Sample : P3329-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E00

Manual IntegrationsAPPROVED

Quant Time: Jul 30 05:07:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033089.D\data.ms

(19) Fluoranthene (C)

19.130min (+ 0.116) 4.90 ng/u1

response 347838

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.40	12.13
100.00	10.40	9.01
0.00	0.00	0.00

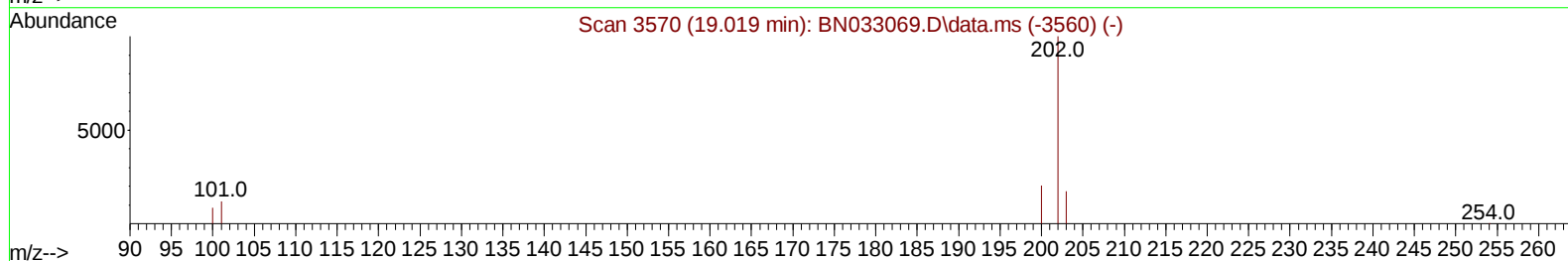
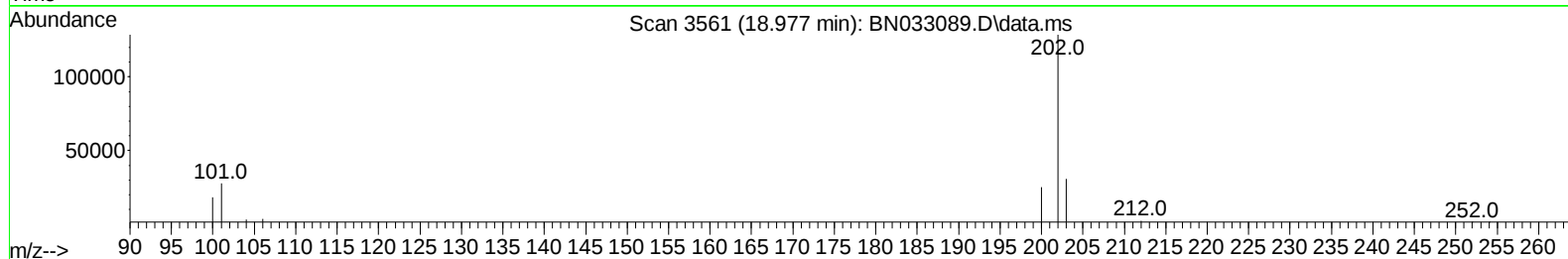
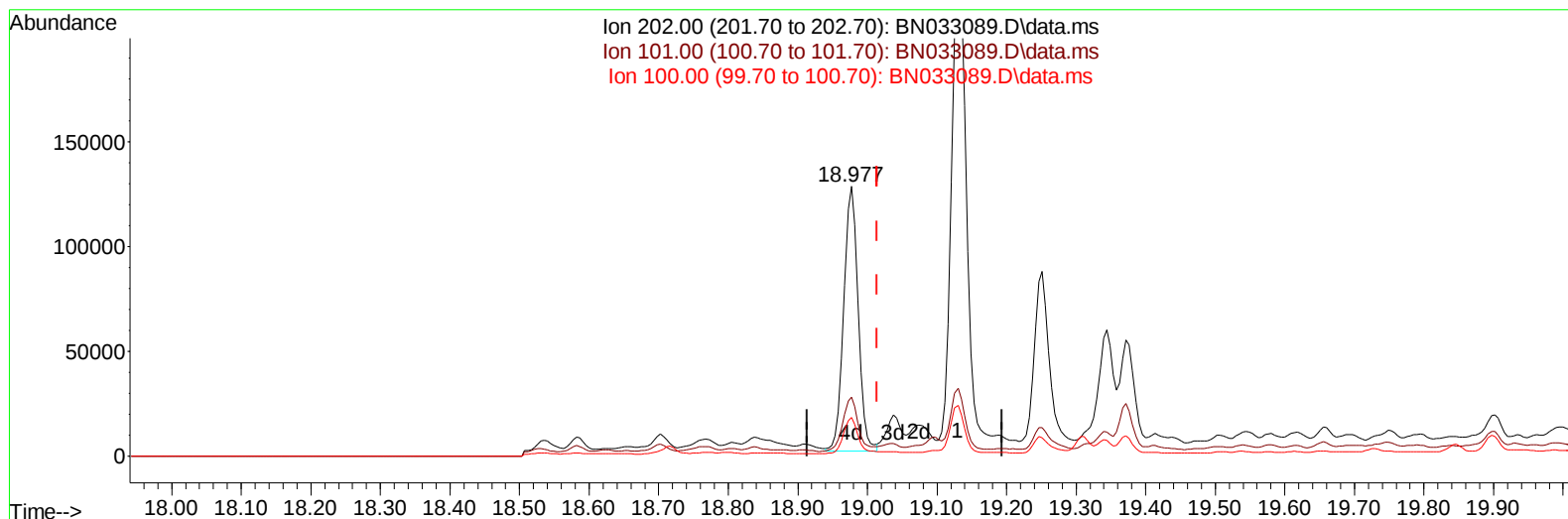
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033089.D
Acq On : 30 Jul 2024 04:42
Operator : MA/JU
Sample : P3329-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E00

Manual IntegrationsAPPROVED

Quant Time: Jul 30 05:07:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033089.D\data.ms

(19) Fluoranthene (C)

18.977min (-0.037) 2.55 ng/ul m

response 180572

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.40	21.77#
100.00	10.40	14.31#
0.00	0.00	0.00

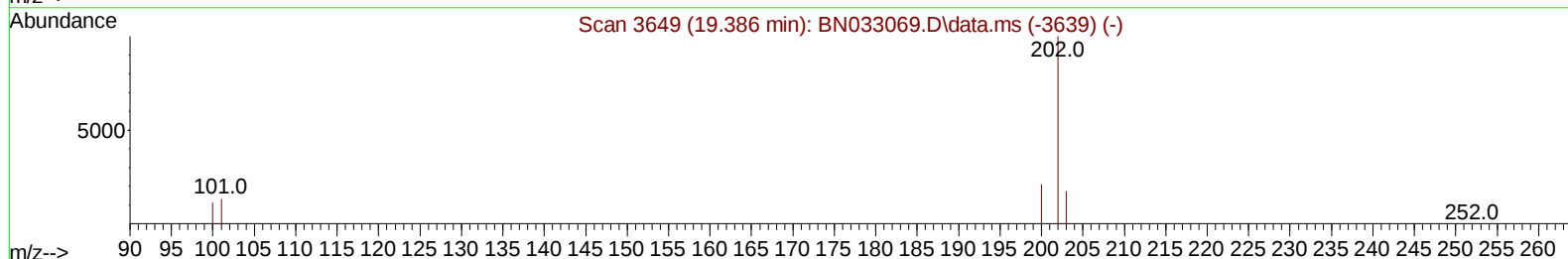
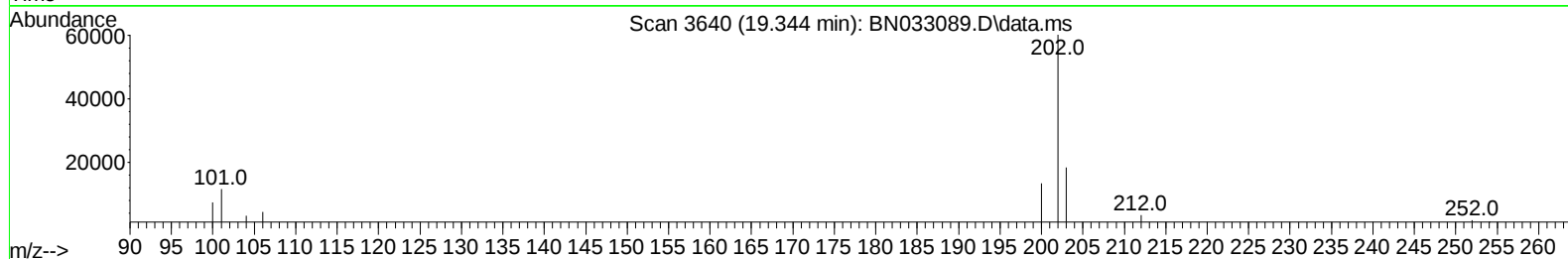
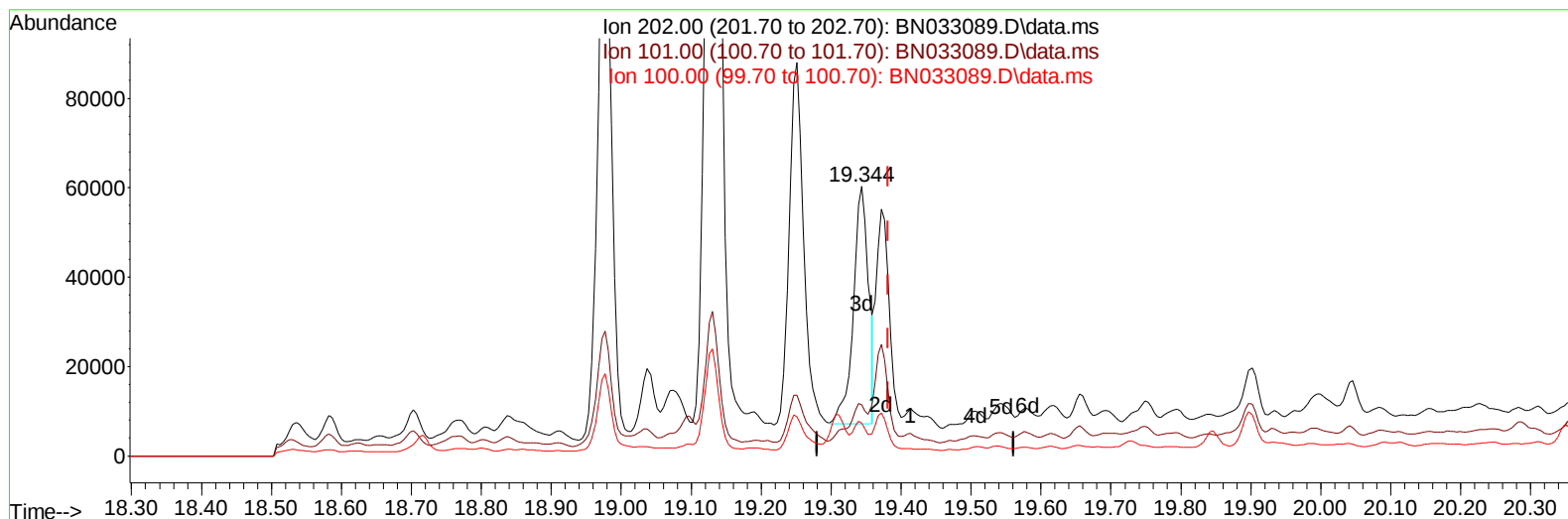
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033089.D
 Acq On : 30 Jul 2024 04:42
 Operator : MA/JU
 Sample : P3329-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7E00

Manual IntegrationsAPPROVED

Quant Time: Jul 30 05:07:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 29 23:04:40 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024



TIC: BN033089.D\data.ms

(20) Pyrene

19.344min (-0.037) 1.05 ng/ul m

response 79797

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	15.70	19.11#
100.00	12.40	12.22
0.00	0.00	0.00

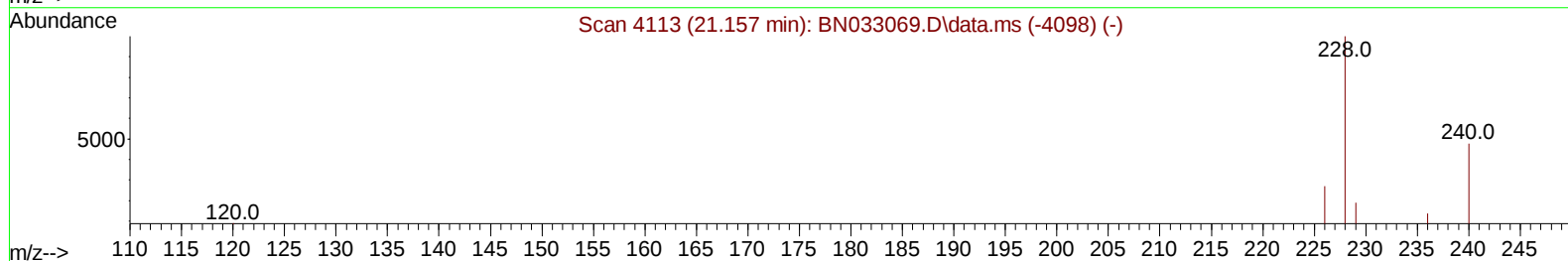
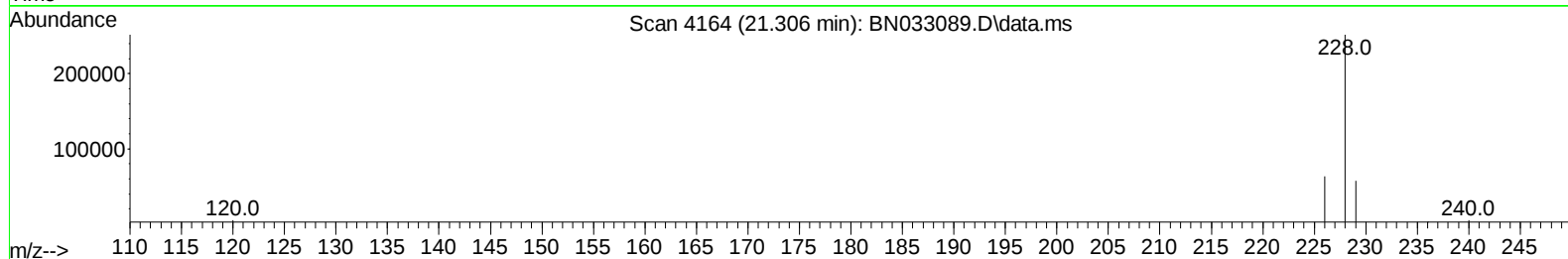
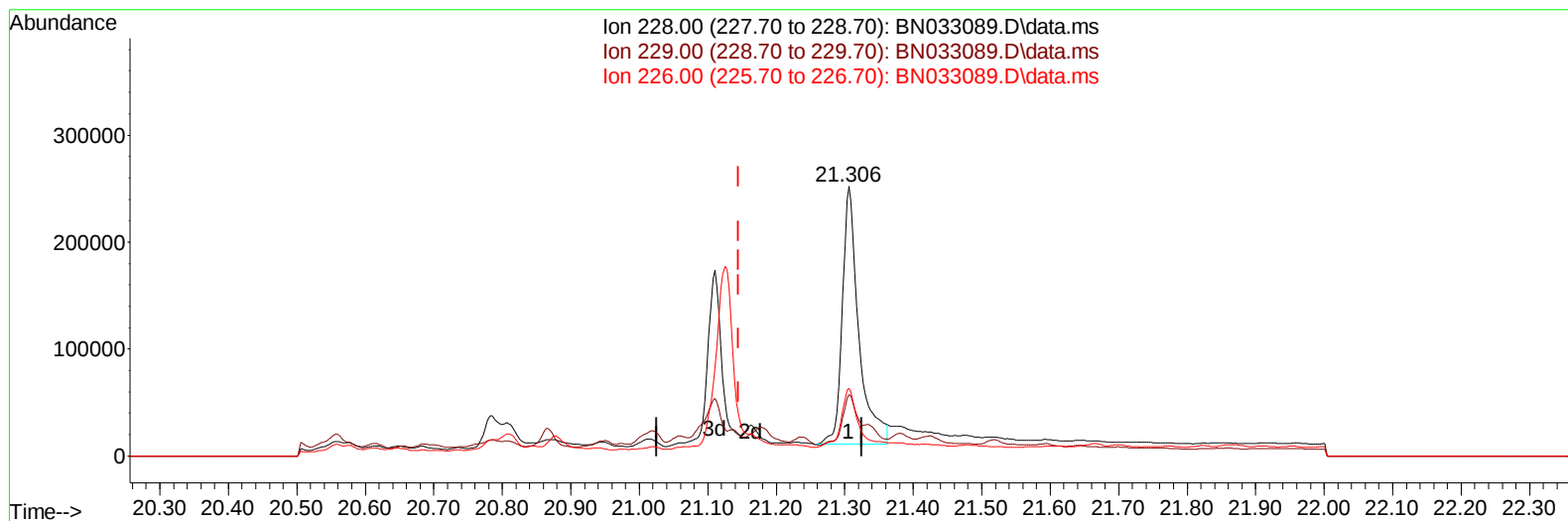
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033089.D
Acq On : 30 Jul 2024 04:42
Operator : MA/JU
Sample : P3329-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E00

Manual IntegrationsAPPROVED

Quant Time: Jul 30 05:07:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033089.D\data.ms

(21) Benzo(a)anthracene

21.306min (+ 0.161) 5.50 ng/u1

response 404155

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	21.40	22.83
226.00	28.00	25.06
0.00	0.00	0.00

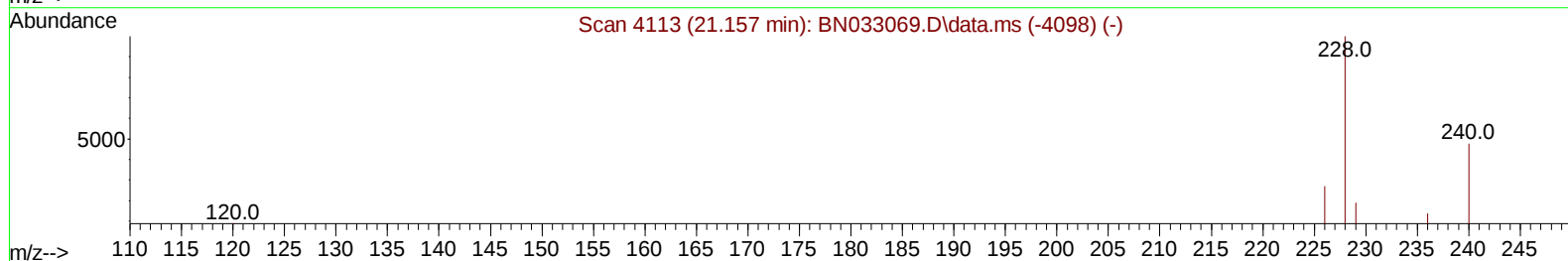
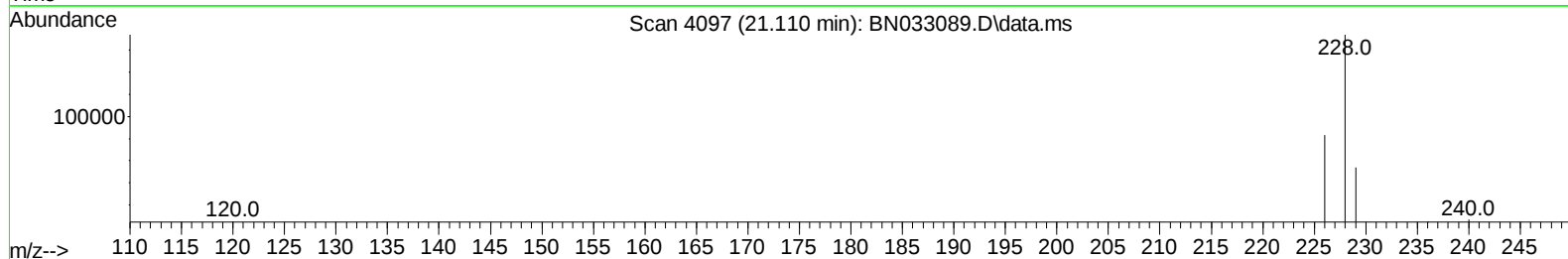
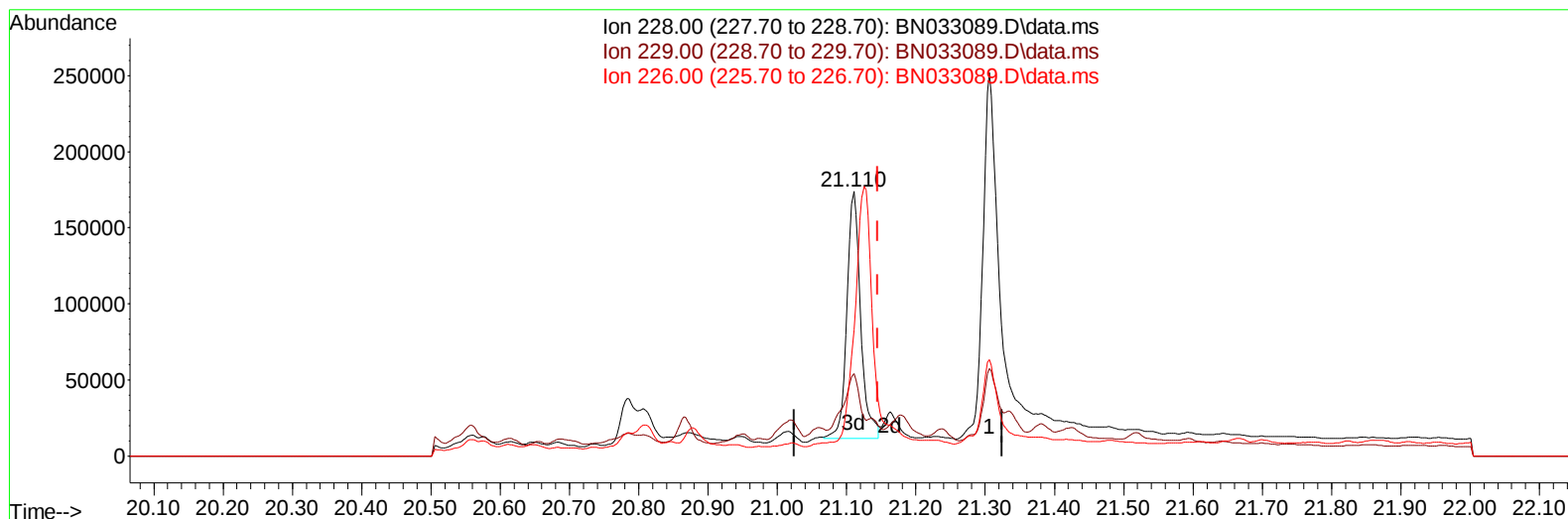
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033089.D
Acq On : 30 Jul 2024 04:42
Operator : MA/JU
Sample : P3329-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E00

Manual IntegrationsAPPROVED

Quant Time: Jul 30 05:07:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033089.D\data.ms

(21) Benzo(a)anthracene

21.110min (-0.035) 3.05 ng/u1 m

response 224308

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	21.40	31.02#
226.00	28.00	47.68#
0.00	0.00	0.00

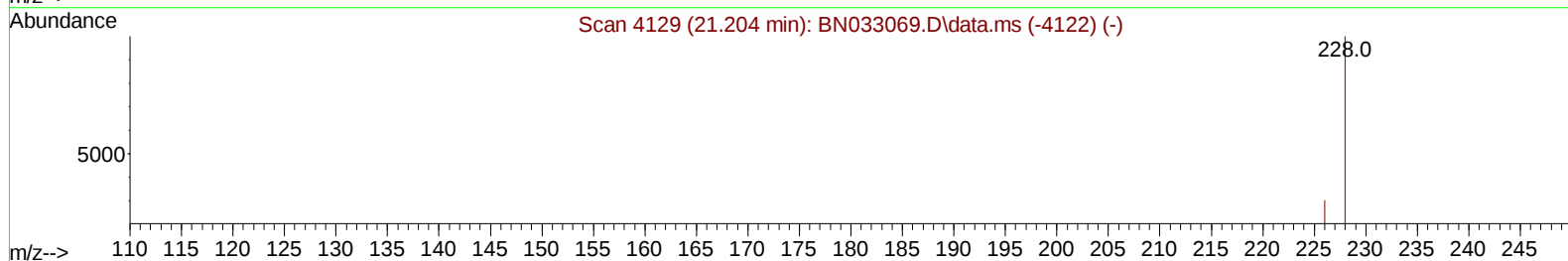
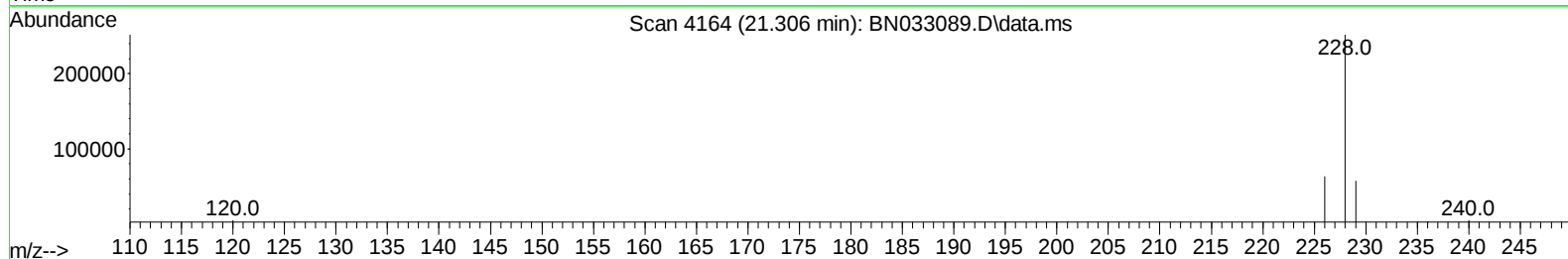
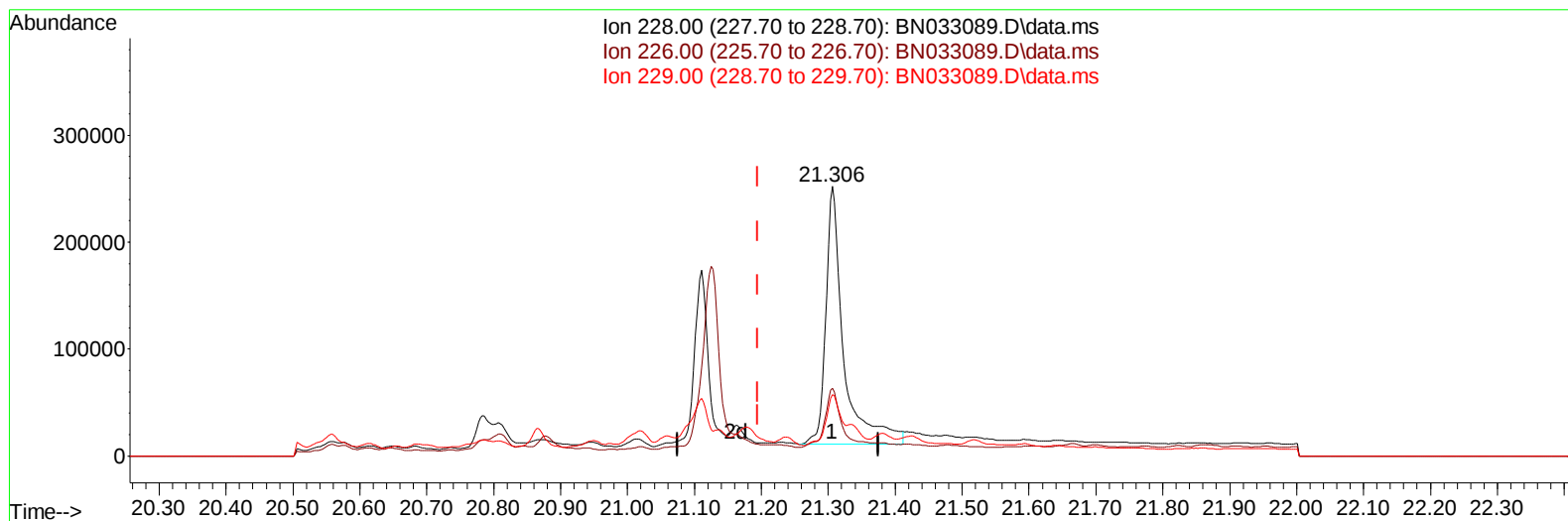
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033089.D
Acq On : 30 Jul 2024 04:42
Operator : MA/JU
Sample : P3329-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E00

Manual IntegrationsAPPROVED

Quant Time: Jul 30 05:07:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033089.D\data.ms

(22) Chrysene

21.306min (+ 0.111) 5.22 ng/u1

response 447930

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.90	25.06
229.00	21.30	22.83
0.00	0.00	0.00

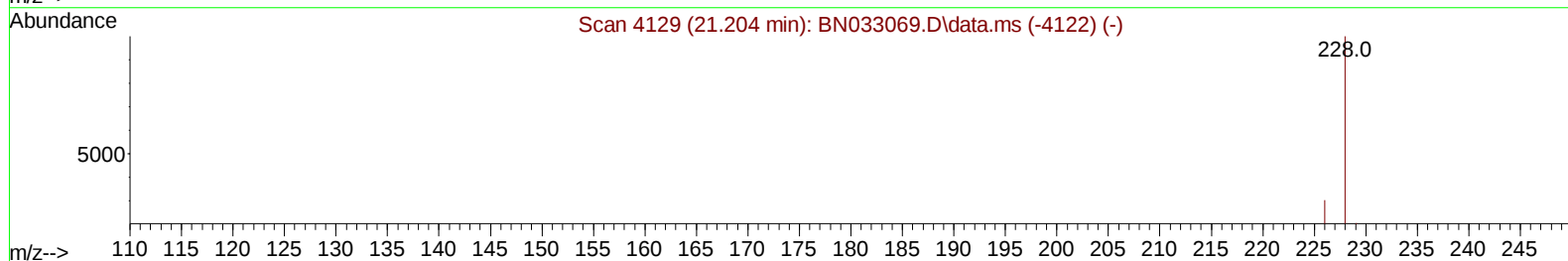
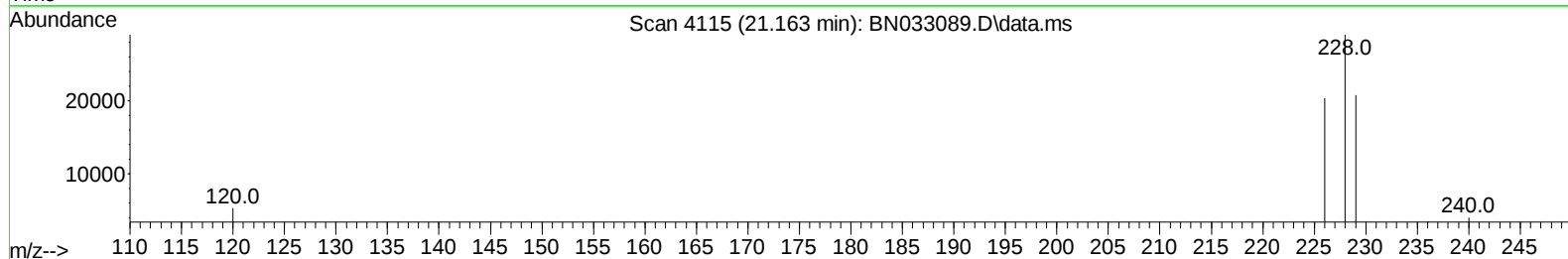
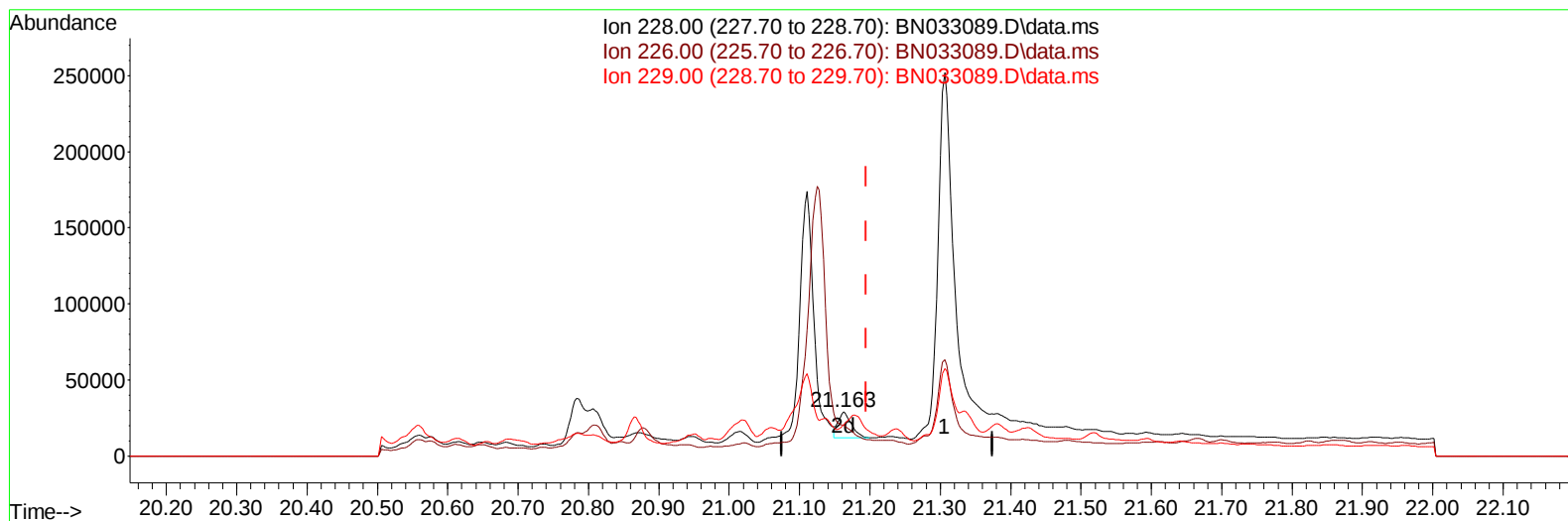
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033089.D
Acq On : 30 Jul 2024 04:42
Operator : MA/JU
Sample : P3329-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E00

Manual IntegrationsAPPROVED

Quant Time: Jul 30 05:07:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033089.D\data.ms

(22) Chrysene

21.163min (-0.032) 0.27 ng/u1 m

response 22865

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.90	70.08#
229.00	21.30	71.70#
0.00	0.00	0.00

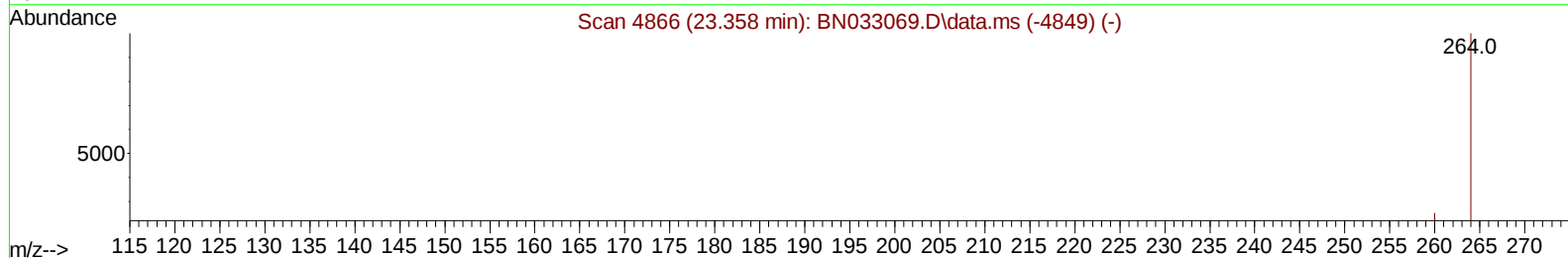
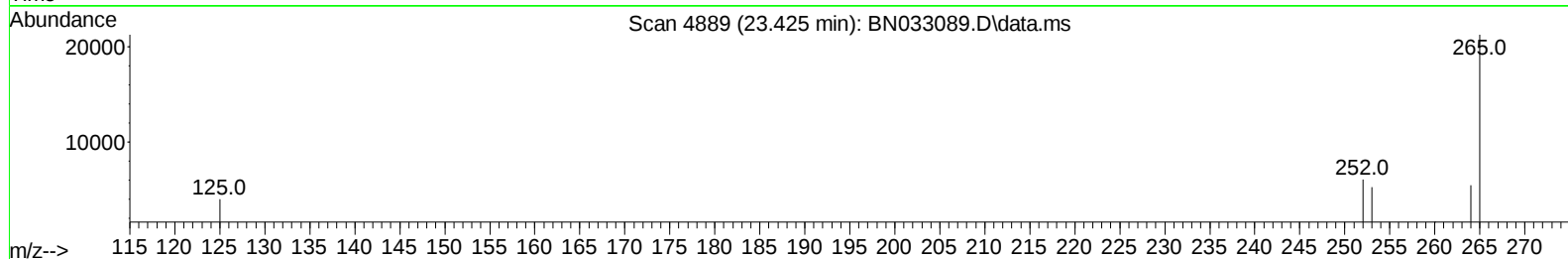
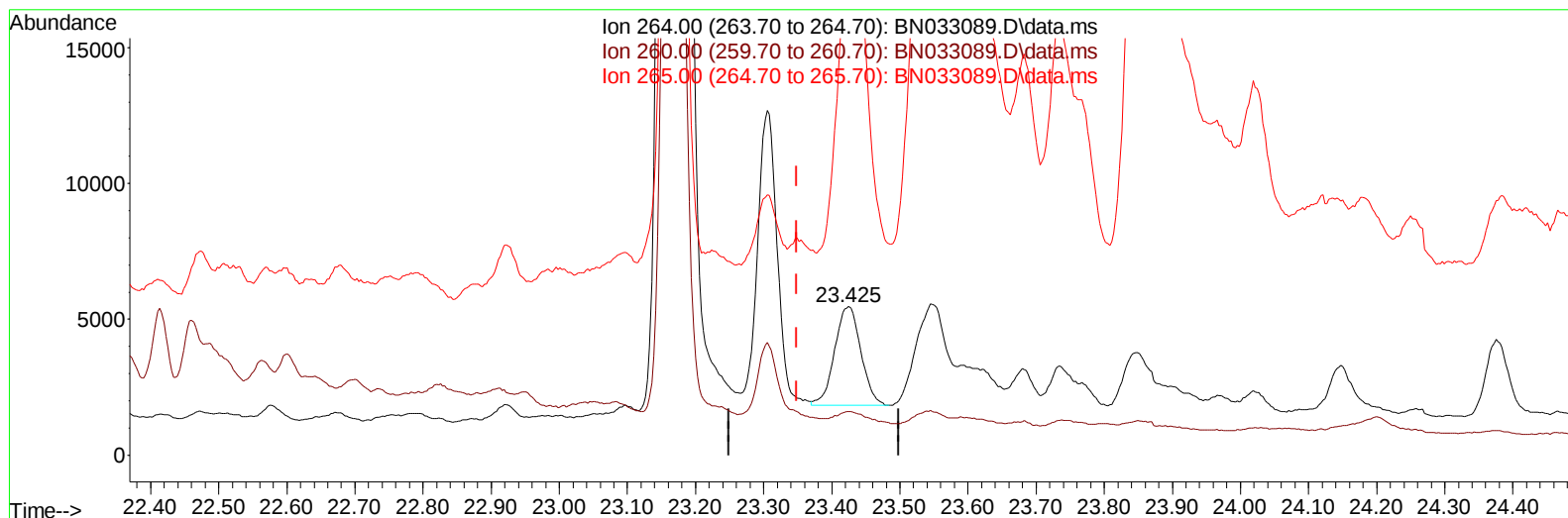
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033089.D
Acq On : 30 Jul 2024 04:42
Operator : MA/JU
Sample : P3329-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E00

Manual IntegrationsAPPROVED

Quant Time: Jul 30 05:07:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033089.D\data.ms

(23) Perylene-d12 (I)

23.425min (+ 0.076) 0.40 ng/u1

response 9738

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.50	29.26
265.00	80.60	389.04#
0.00	0.00	0.00

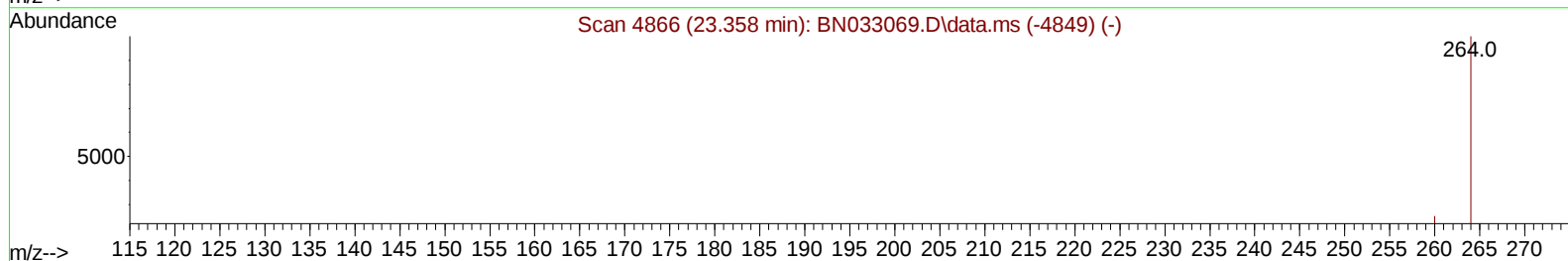
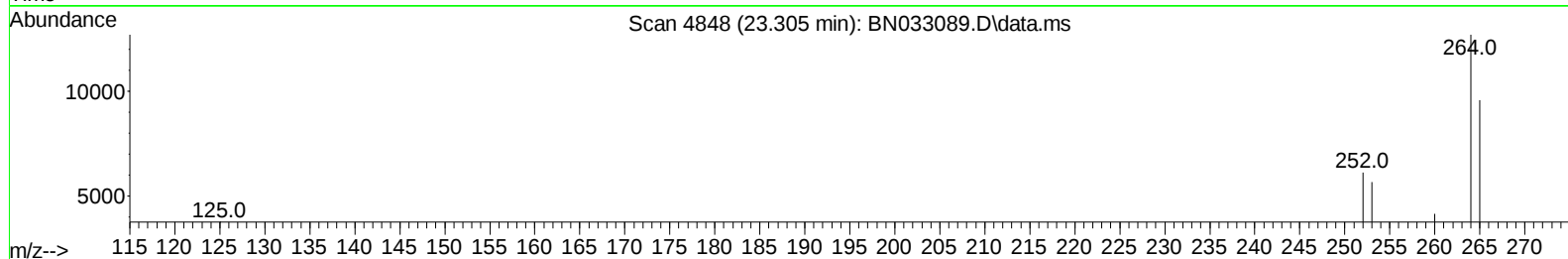
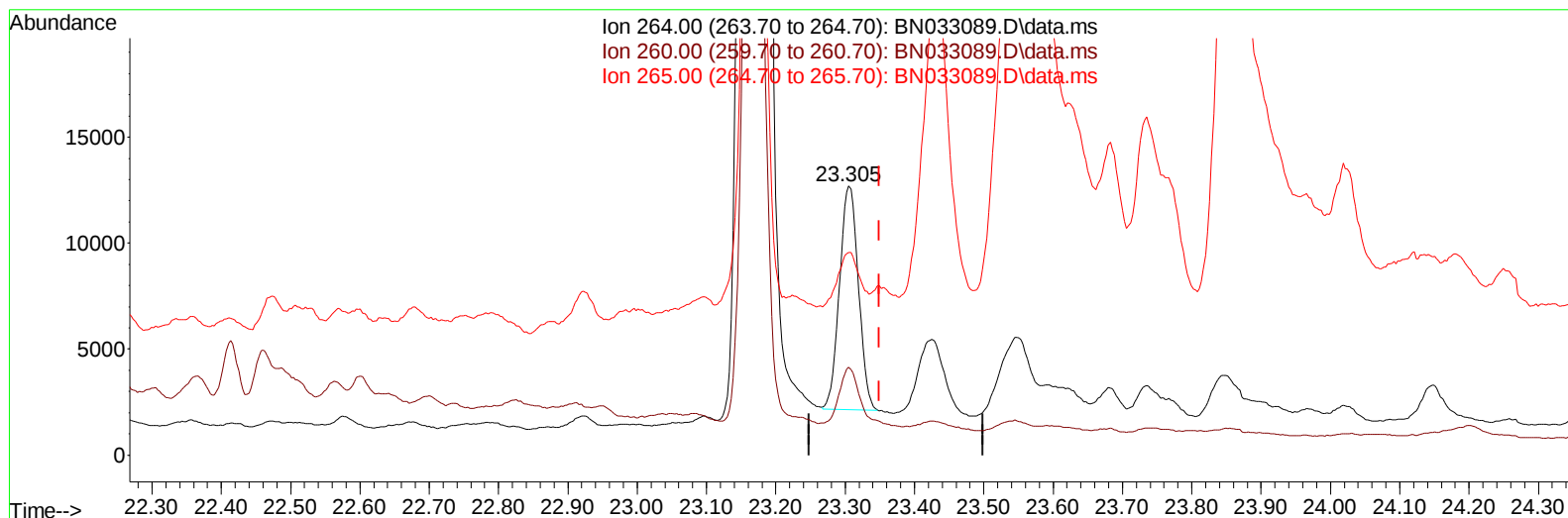
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033089.D
Acq On : 30 Jul 2024 04:42
Operator : MA/JU
Sample : P3329-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E00

Manual IntegrationsAPPROVED

Quant Time: Jul 30 05:07:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033089.D\data.ms

(23) Perylene-d12 (I)

23.305min (-0.044) 0.40 ng/ul m

response 19971

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.50	32.58#
265.00	80.60	75.44
0.00	0.00	0.00

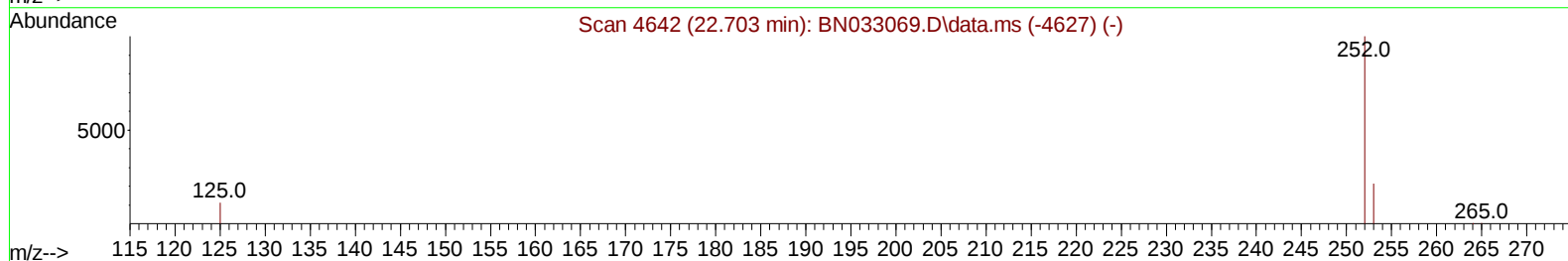
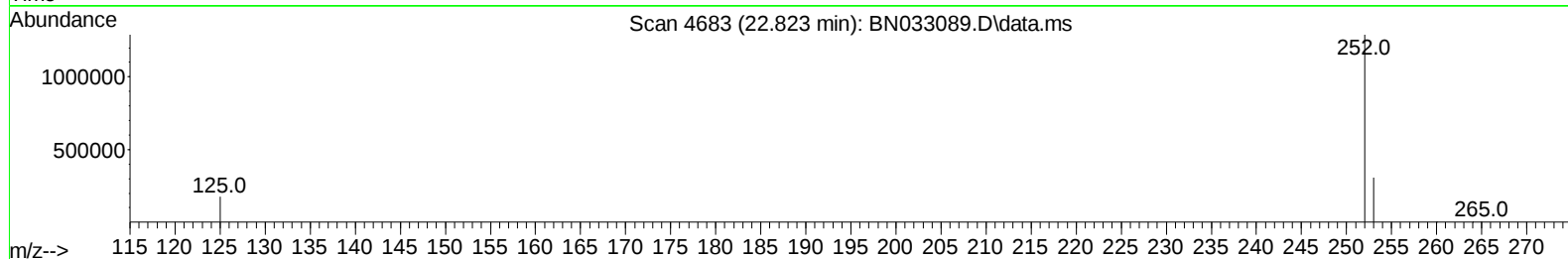
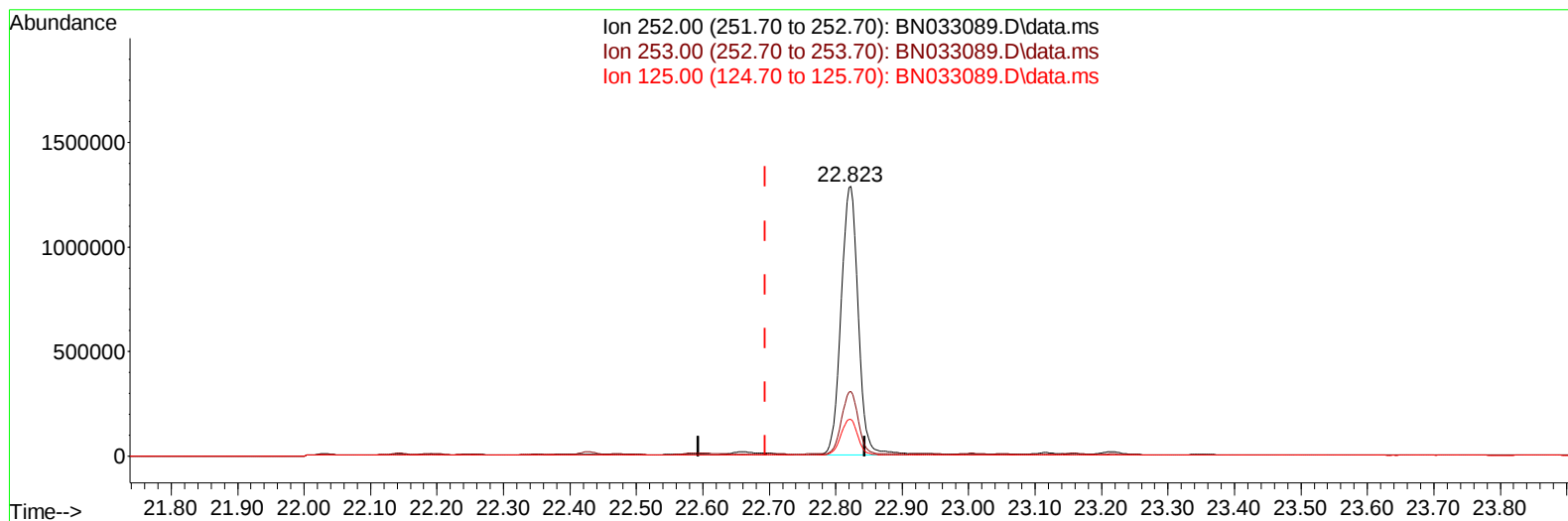
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033089.D
 Acq On : 30 Jul 2024 04:42
 Operator : MA/JU
 Sample : P3329-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7E00

Manual IntegrationsAPPROVED

Quant Time: Jul 30 05:07:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 29 23:04:40 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024



TIC: BN033089.D\data.ms

(24) Benzo(b)fluoranthene

22.823min (+ 0.129) 39.93 ng/u1

response 2329237

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.30	23.91
125.00	25.50	13.63
0.00	0.00	0.00

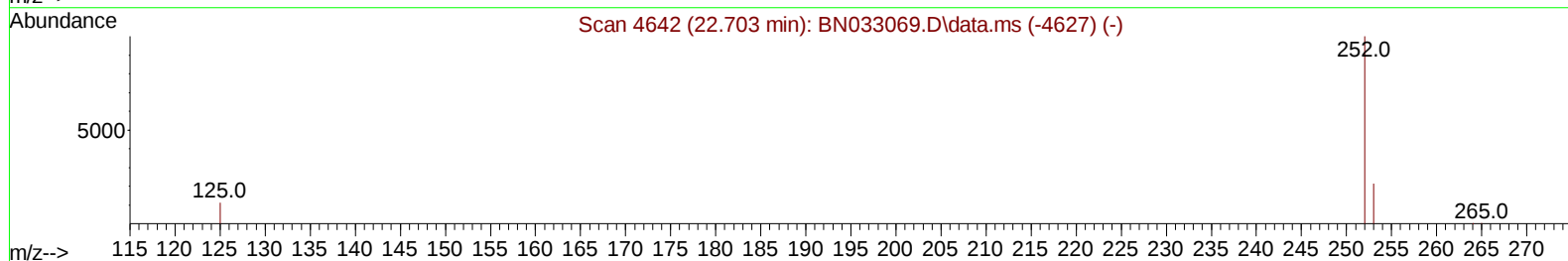
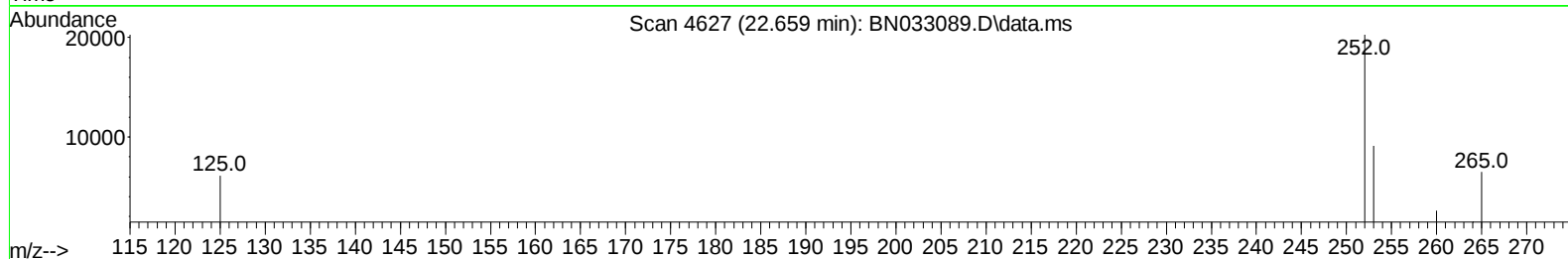
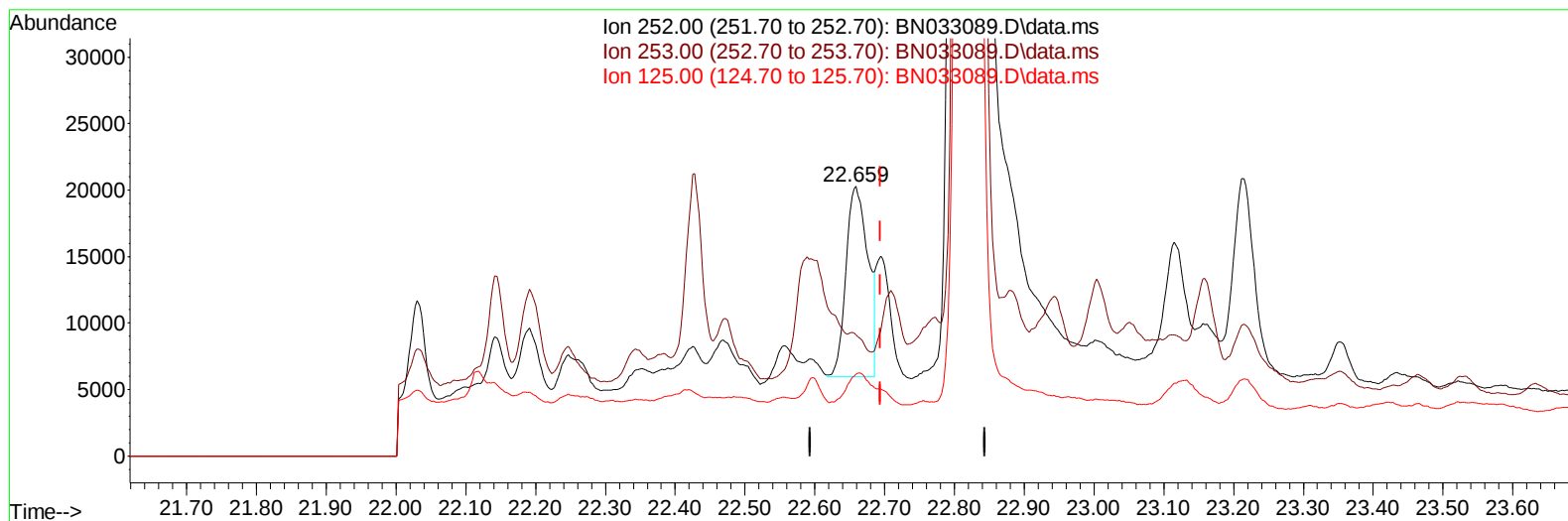
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033089.D
Acq On : 30 Jul 2024 04:42
Operator : MA/JU
Sample : P3329-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E00

Manual IntegrationsAPPROVED

Quant Time: Jul 30 05:07:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033089.D\data.ms

(24) Benzo(b)fluoranthene

22.659min (-0.035) 0.54 ng/u1 m

response 31518

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.30	45.00
125.00	25.50	30.31
0.00	0.00	0.00

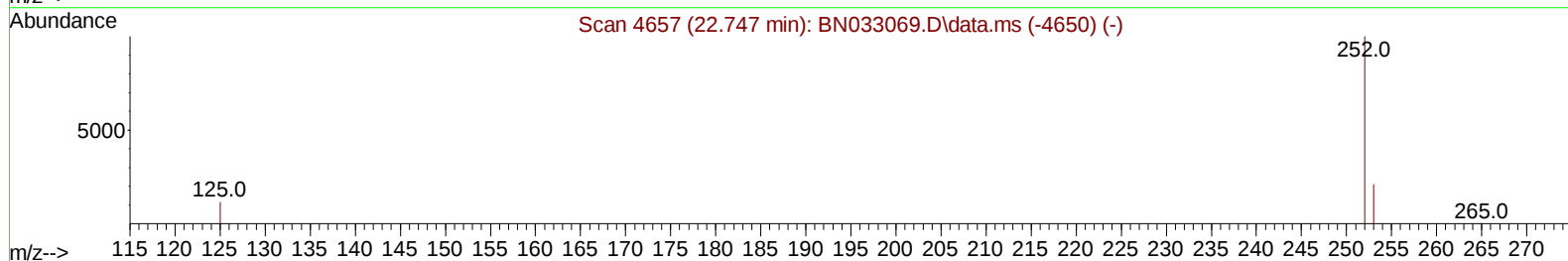
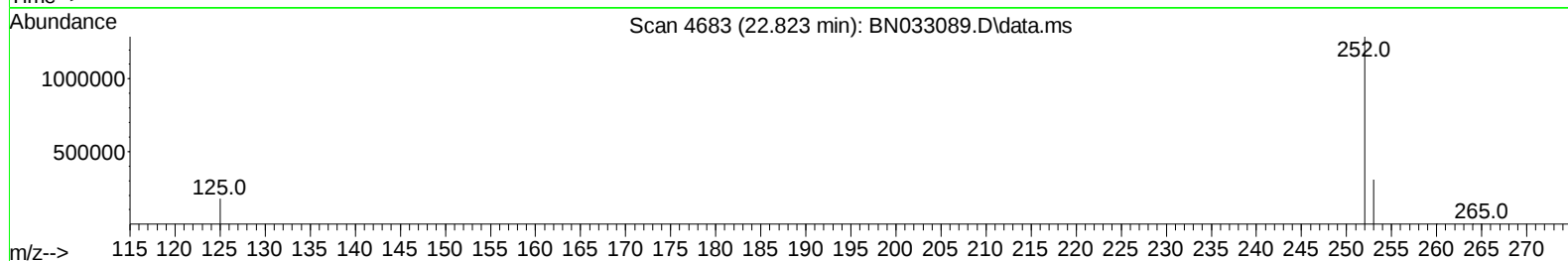
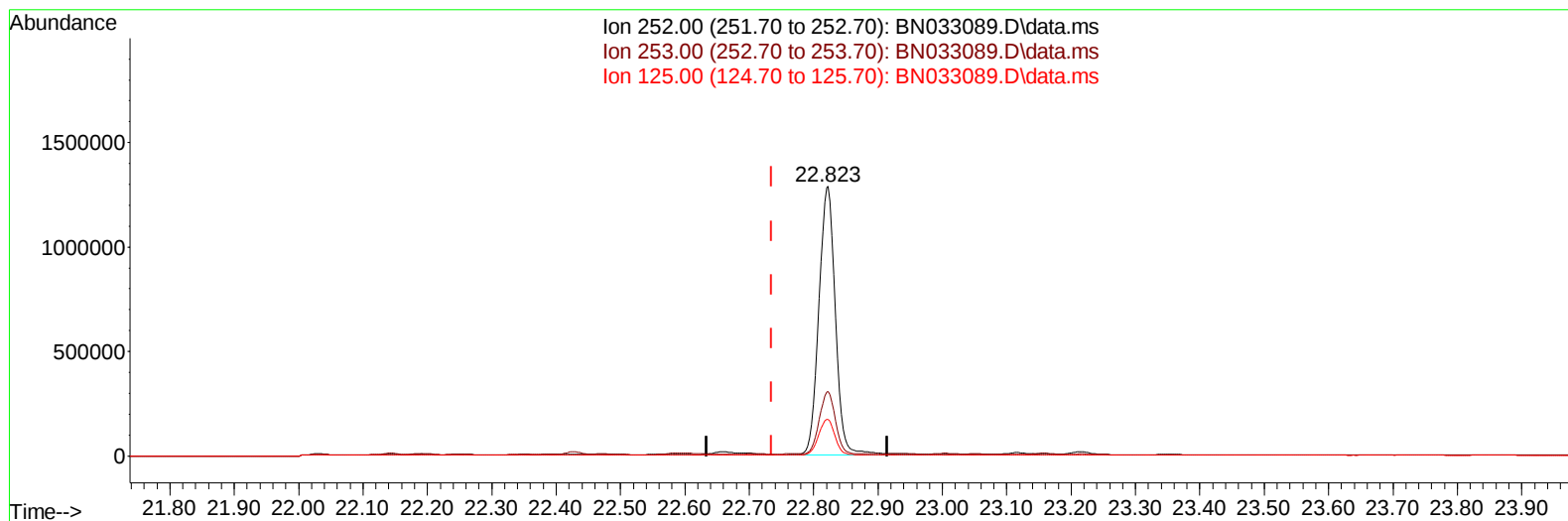
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033089.D
Acq On : 30 Jul 2024 04:42
Operator : MA/JU
Sample : P3329-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E00

Manual IntegrationsAPPROVED

Quant Time: Jul 30 05:07:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033089.D\data.ms

(25) Benzo(k)fluoranthene

22.823min (+ 0.088) 33.57 ng/u1

response 2346740

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.10	23.91#
125.00	26.10	13.63#
0.00	0.00	0.00

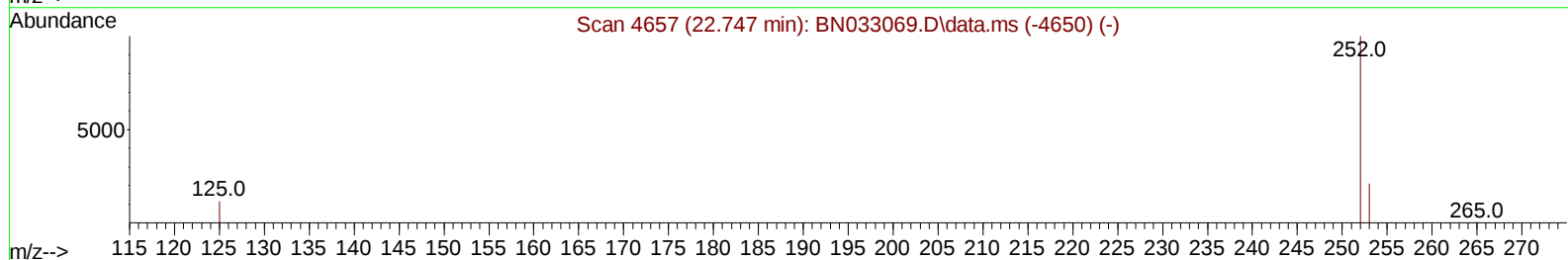
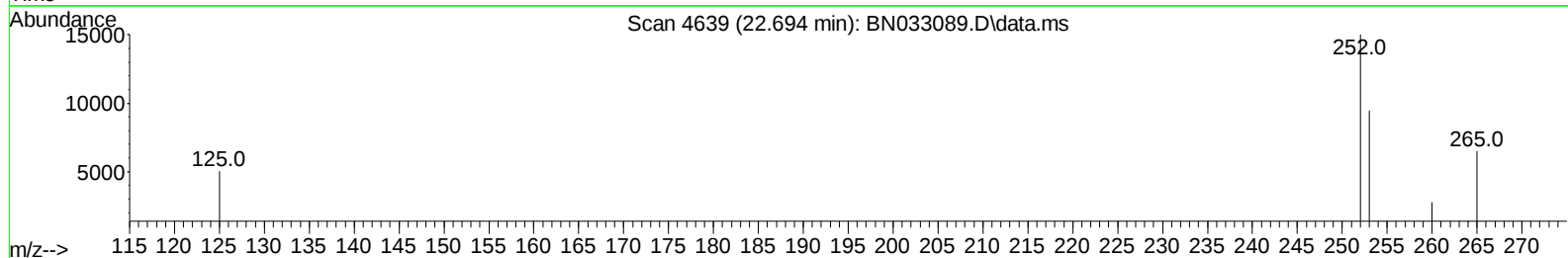
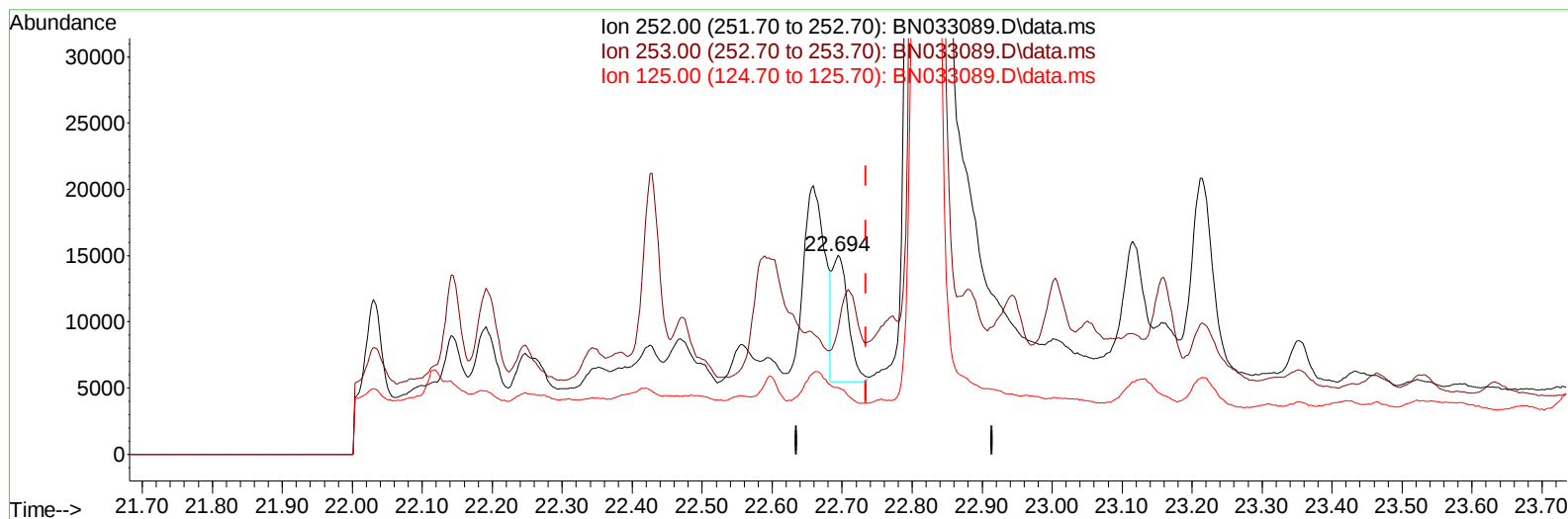
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033089.D
Acq On : 30 Jul 2024 04:42
Operator : MA/JU
Sample : P3329-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E00

Manual IntegrationsAPPROVED

Quant Time: Jul 30 05:07:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033089.D\data.ms

(25) Benzo(k)fluoranthene

22.694min (-0.041) 0.22 ng/u1 m

response 15101

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.10	62.94#
125.00	26.10	33.53#
0.00	0.00	0.00

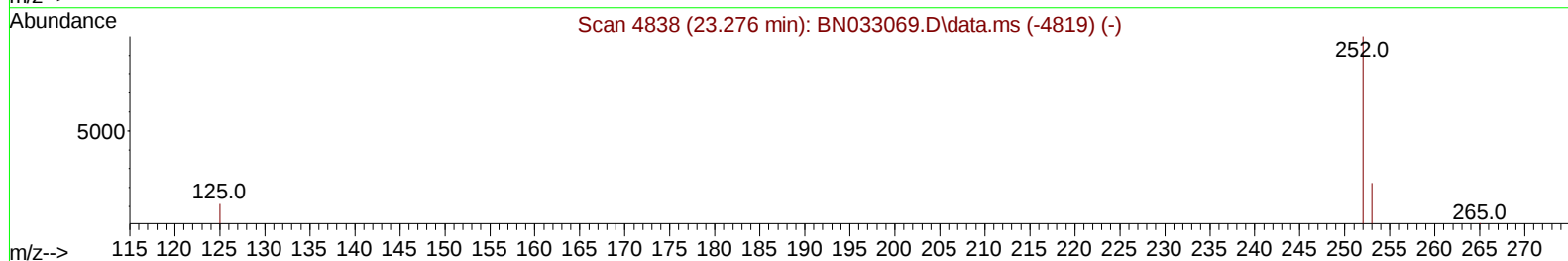
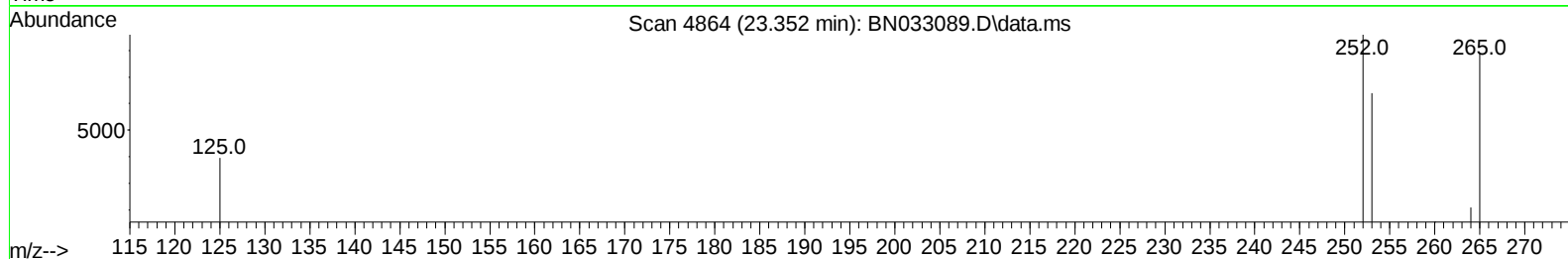
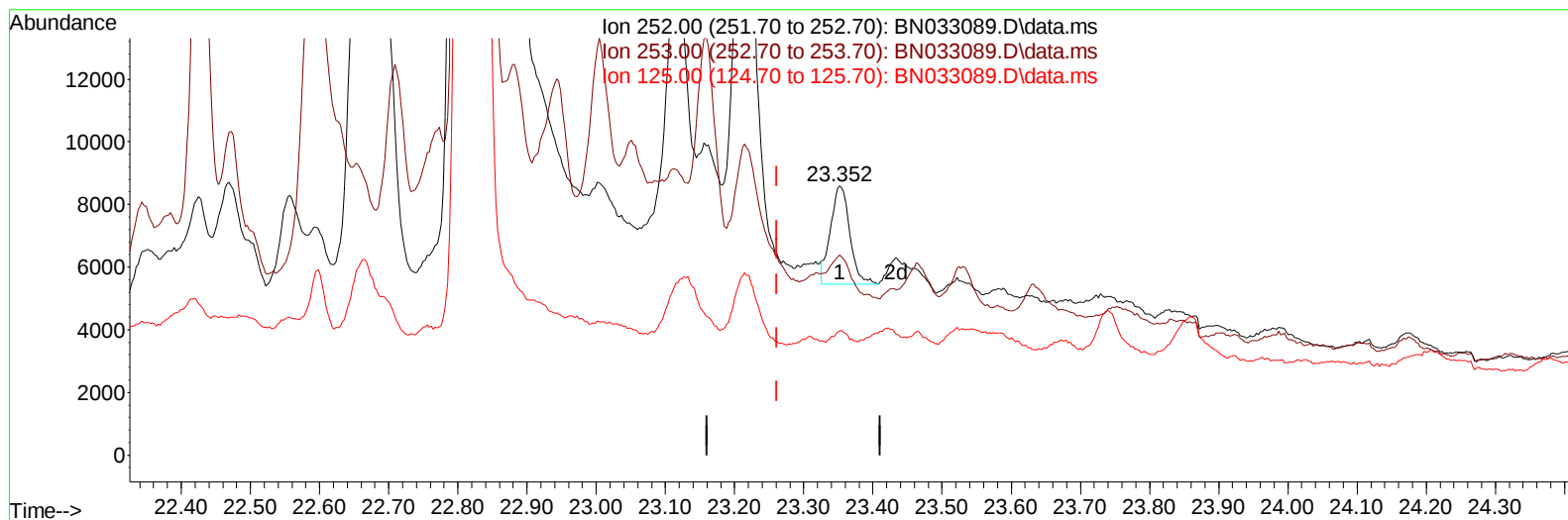
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033089.D
Acq On : 30 Jul 2024 04:42
Operator : MA/JU
Sample : P3329-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E00

Manual IntegrationsAPPROVED

Quant Time: Jul 30 05:07:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033089.D\data.ms

(26) Benzo(a)pyrene (C)

23.352min (+ 0.091) 0.11 ng/u1

response 6090

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.40	74.34#
125.00	33.80	46.09#
0.00	0.00	0.00

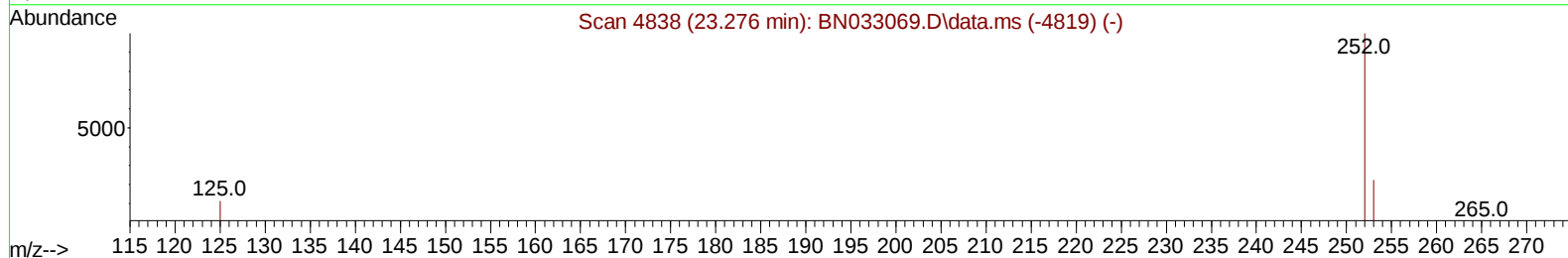
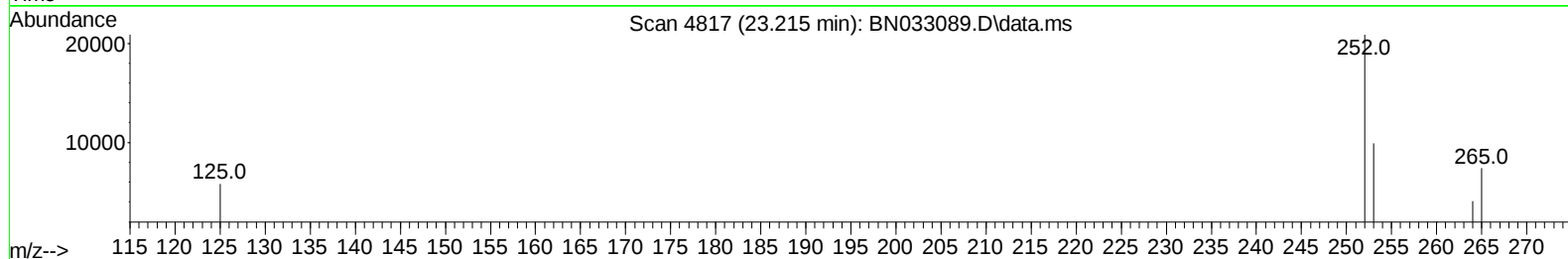
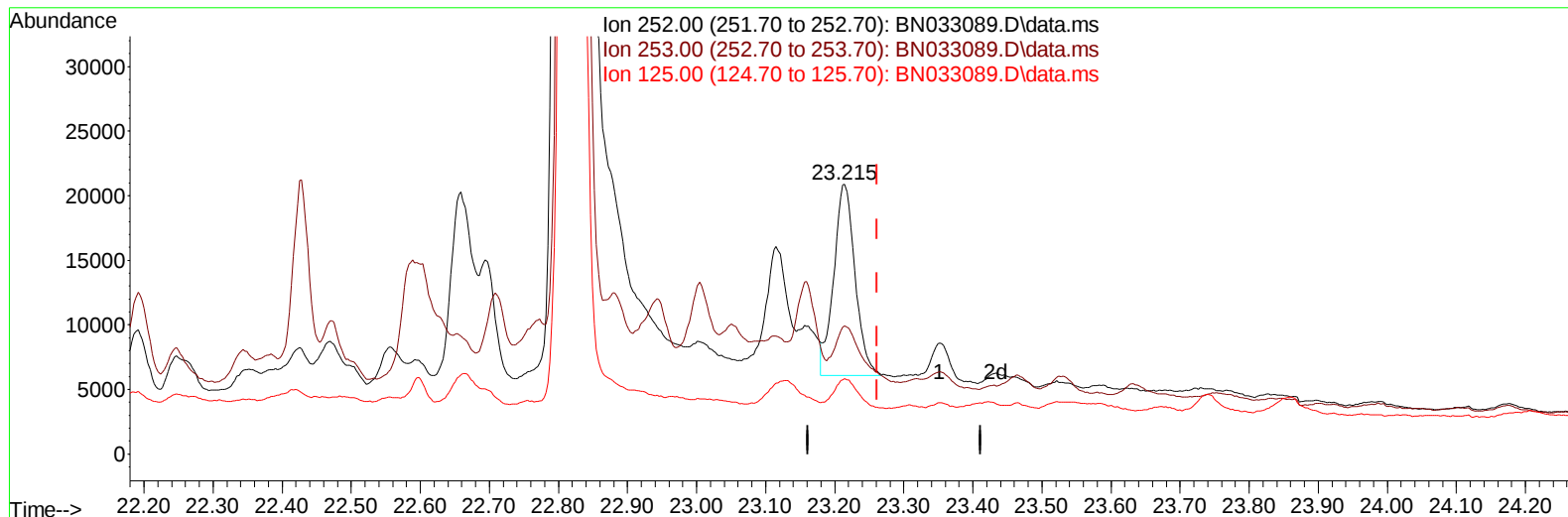
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033089.D
Acq On : 30 Jul 2024 04:42
Operator : MA/JU
Sample : P3329-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E00

Manual IntegrationsAPPROVED

Quant Time: Jul 30 05:07:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033089.D\data.ms

(26) Benzo(a)pyrene (C)

23.215min (-0.047) 0.58 ng/u1 m

response 31895

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.40	47.55#
125.00	33.80	27.89
0.00	0.00	0.00

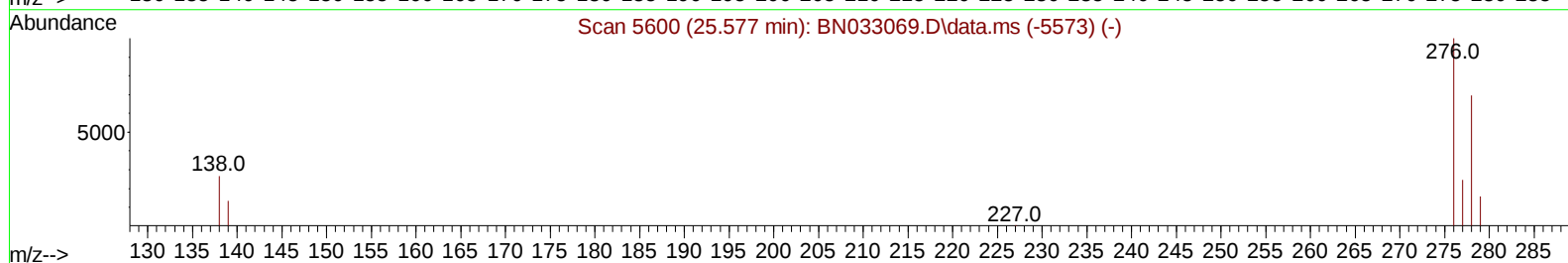
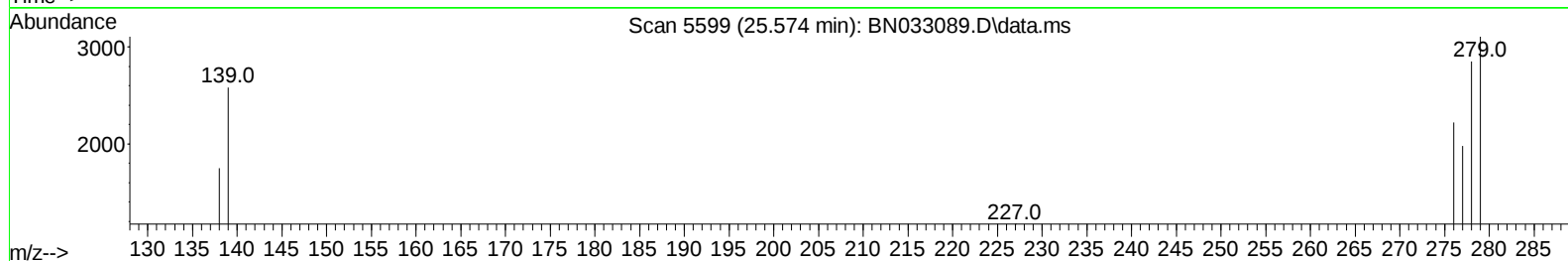
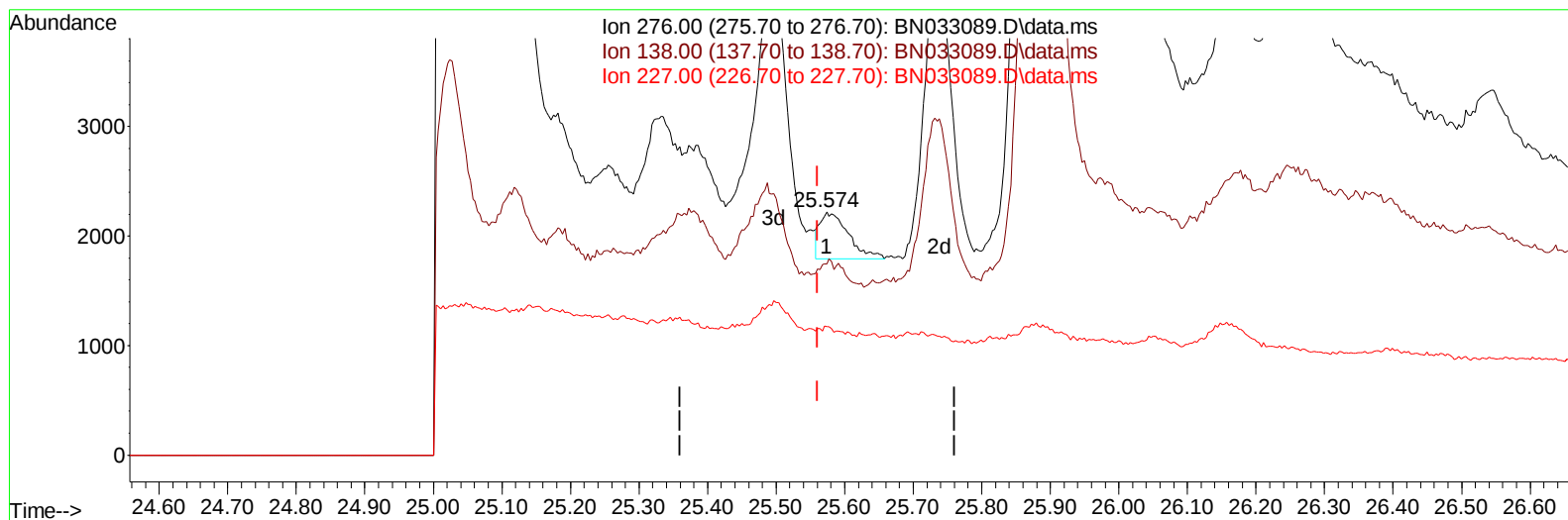
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033089.D
Acq On : 30 Jul 2024 04:42
Operator : MA/JU
Sample : P3329-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E00

Manual IntegrationsAPPROVED

Quant Time: Jul 30 05:07:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033089.D\data.ms

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

25.574min (+ 0.014) 0.01 ng/u1

response 1226

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.30	48.53#
227.00	0.20	11.50#
0.00	0.00	0.00

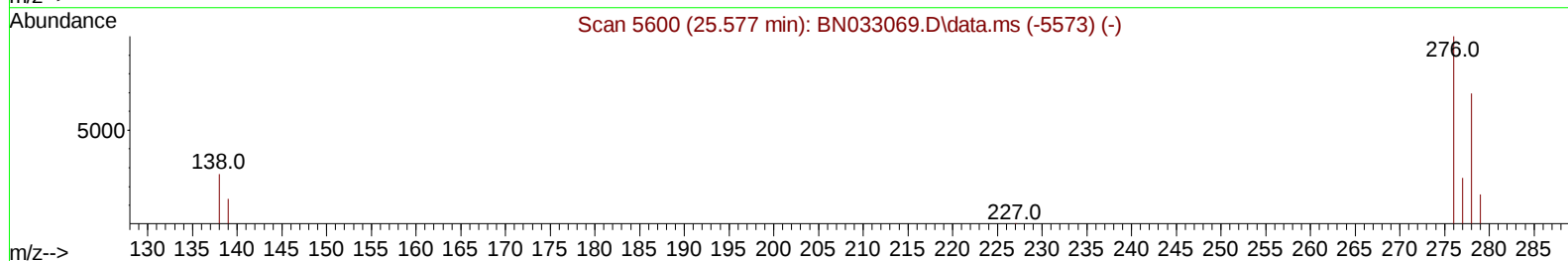
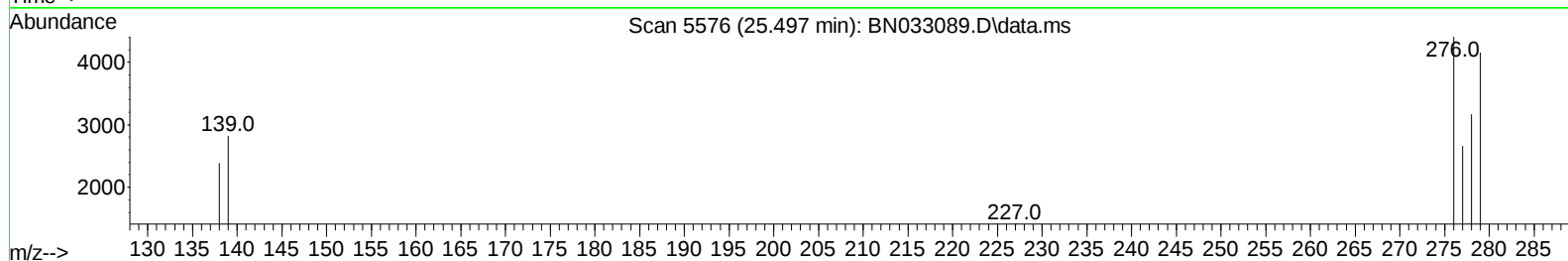
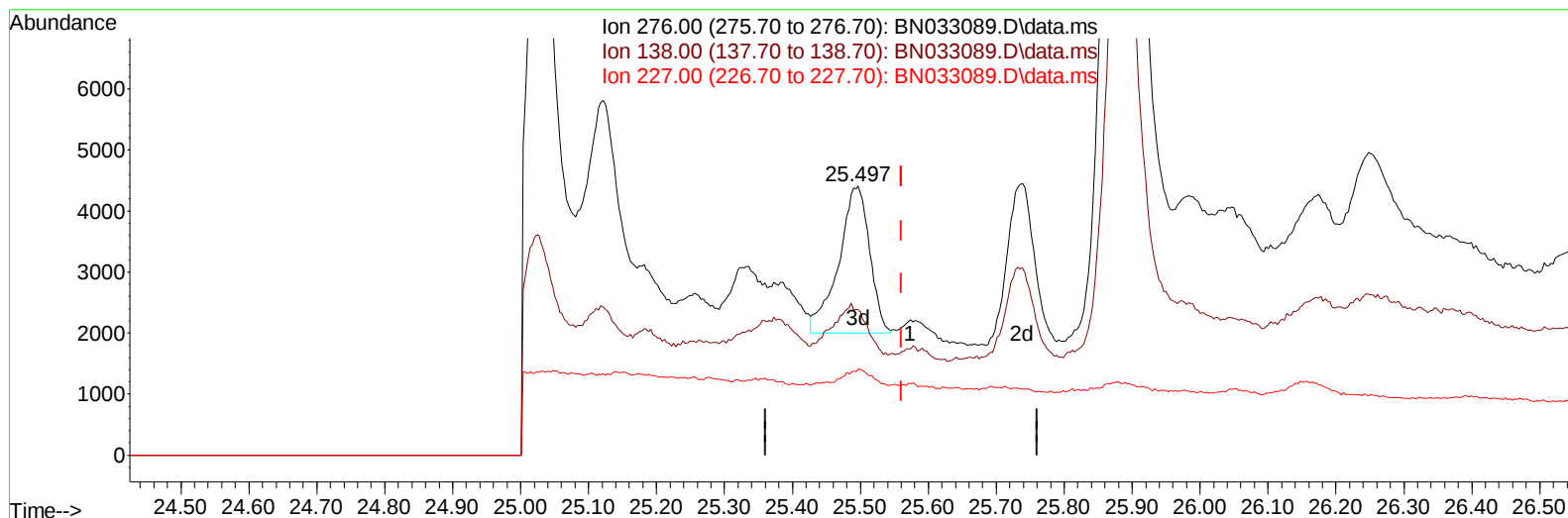
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033089.D
 Acq On : 30 Jul 2024 04:42
 Operator : MA/JU
 Sample : P3329-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7E00

Manual IntegrationsAPPROVED

Quant Time: Jul 30 05:07:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 29 23:04:40 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024



TIC: BN033089.D\data.ms

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

25.497min (-0.064) 0.09 ng/ul m

response 7631

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.30	7.80#
227.00	0.20	1.85#
0.00	0.00	0.00

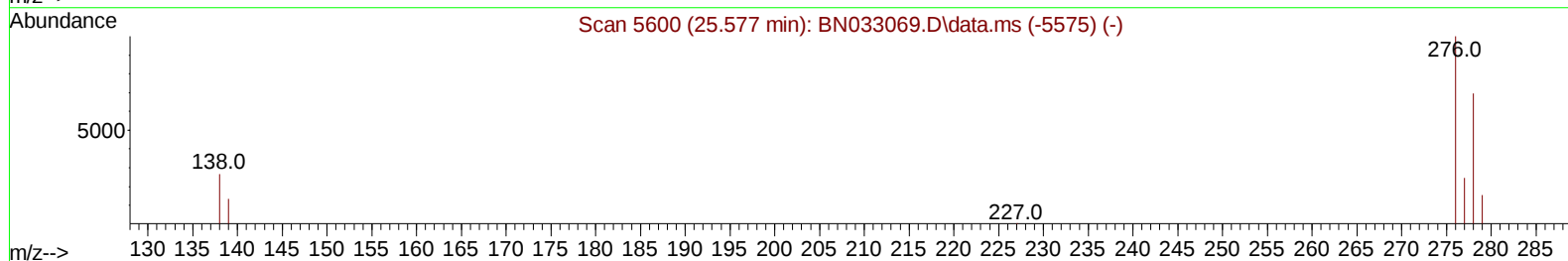
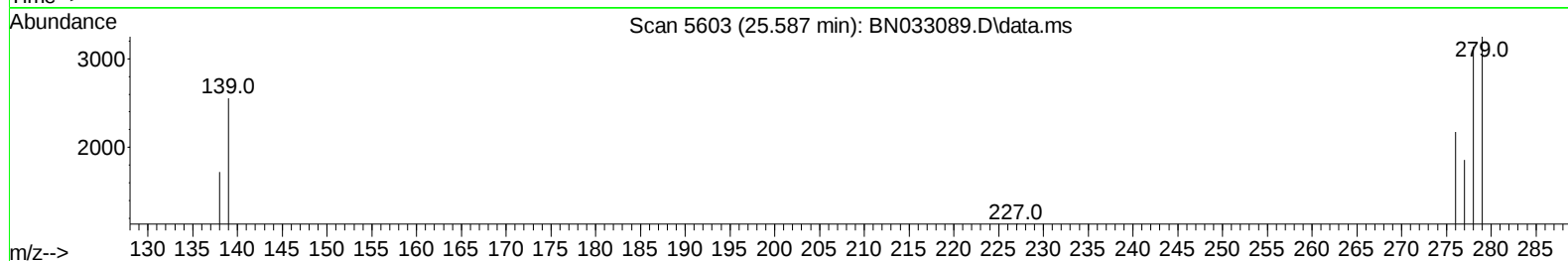
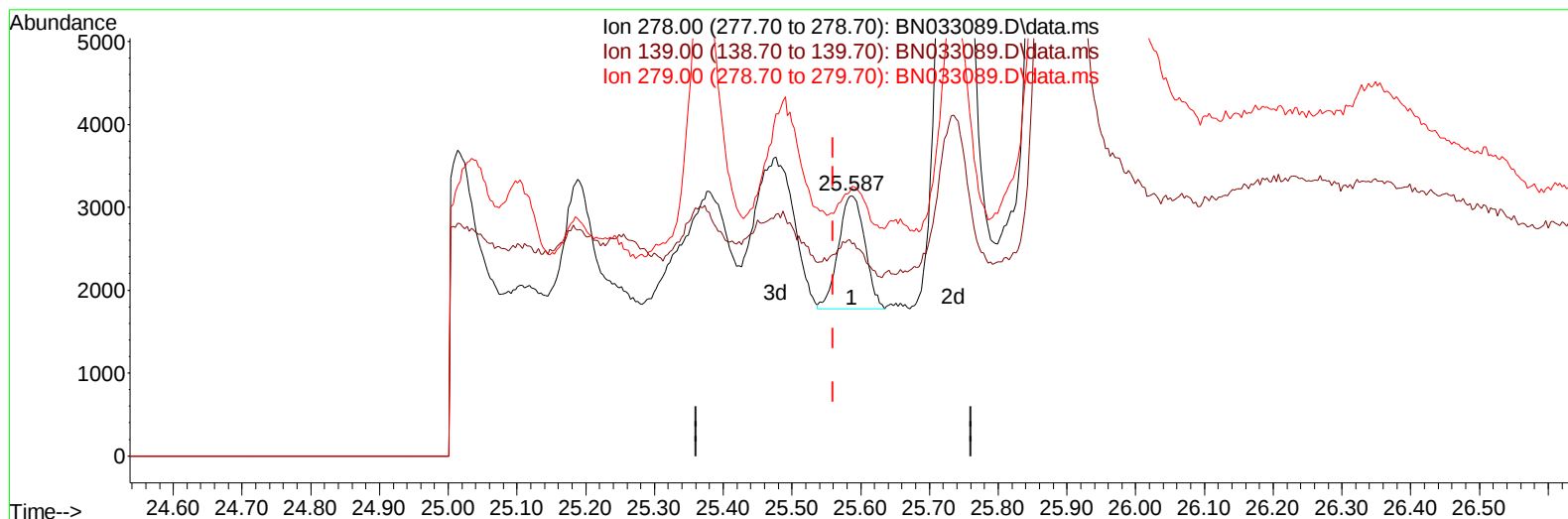
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033089.D
Acq On : 30 Jul 2024 04:42
Operator : MA/JU
Sample : P3329-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E00

Manual IntegrationsAPPROVED

Quant Time: Jul 30 05:07:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
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TIC: BN033089.D\data.ms

(28) Dibenzo(a,h)anthracene

25.587min (+ 0.027) 0.06 ng/u1

response 3651

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	28.10	81.49#
279.00	31.90	103.57#
0.00	0.00	0.00

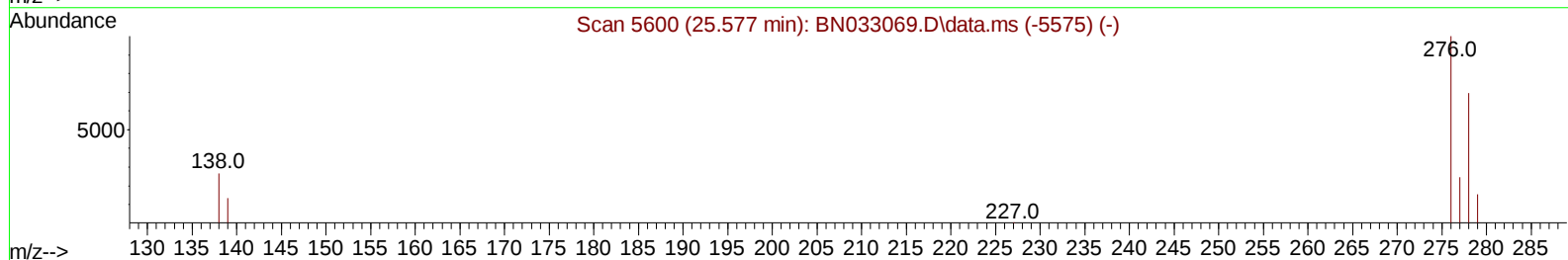
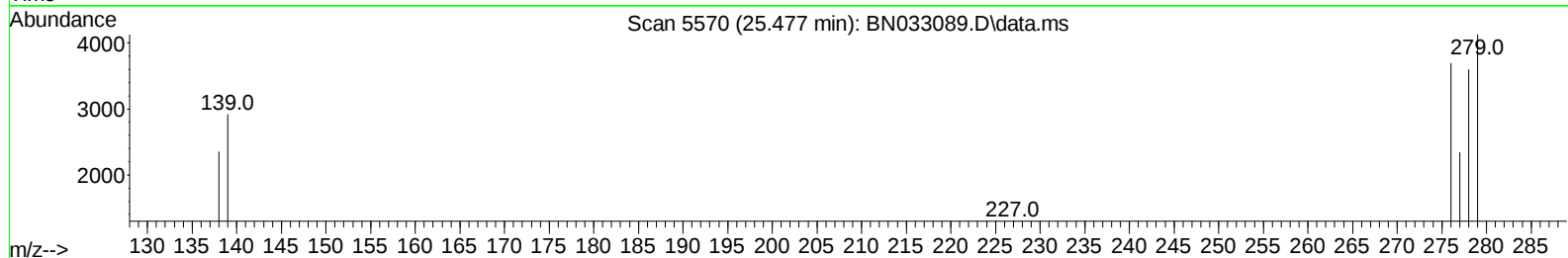
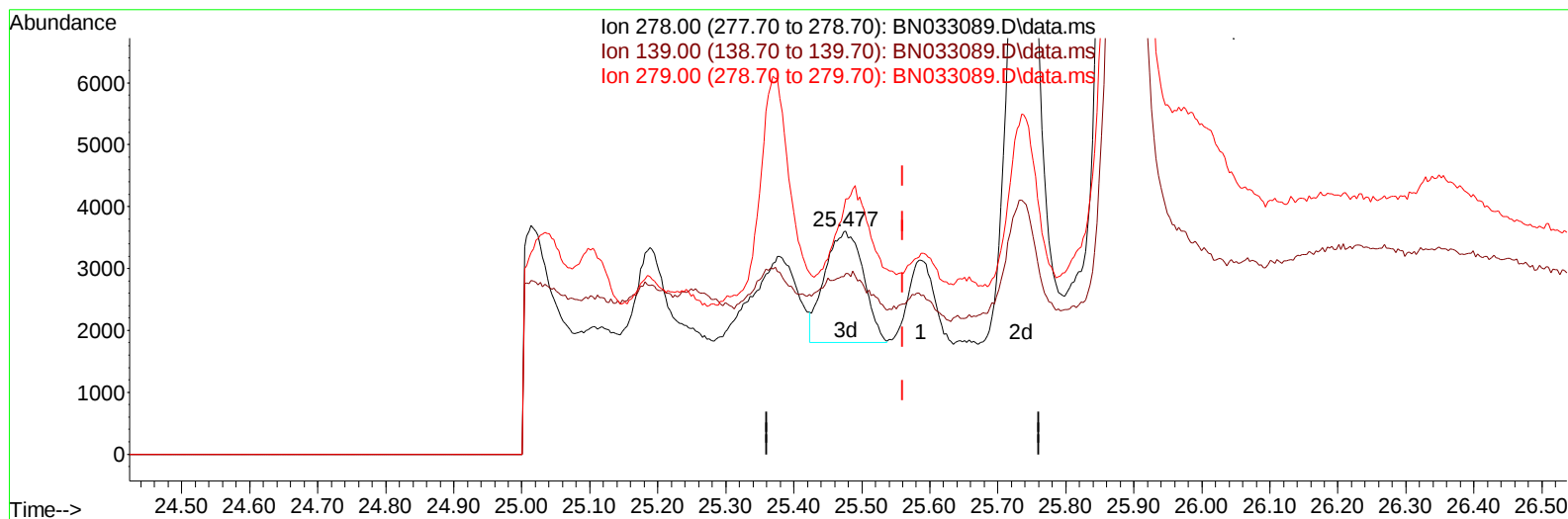
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033089.D
Acq On : 30 Jul 2024 04:42
Operator : MA/JU
Sample : P3329-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E00

Manual IntegrationsAPPROVED

Quant Time: Jul 30 05:07:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033089.D\data.ms

(28) Dibenzo(a,h)anthracene

25.477min (-0.084) 0.11 ng/ul m

response 7131

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	28.10	80.90#
279.00	31.90	114.52#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033089.D
 Acq On : 30 Jul 2024 04:42
 Operator : MA/JU
 Sample : P3329-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7E00

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024

Quant Time: Jul 30 05:07:58 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.499	152	3111	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.251	136	11295	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.134	164	13094	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.903	188	18046m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.128	240	21541m	0.400	ng/ul	-0.03
23) Perylene-d12	23.305	264	19971m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.056	96	5054	1.284	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.851	152	1439	0.078	ng/ul	-0.06
18) Fluoranthene-d10	18.944	212	4071m	0.067	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.295	128	160626	5.538	ng/ul#	93
7) 2-Methylnaphthalene	11.923	142	112744	5.738	ng/ul	94
8) 1-Methylnaphthalene	12.148	142	36408	1.713	ng/ul	100
10) Acenaphthylene	13.852	152	1548620	28.899	ng/ul	97
11) Acenaphthene	14.199	153	56911	1.412	ng/ul	97
12) Fluorene	15.198	166	391261	8.328	ng/ul#	95
15) Phenanthrene	16.941	178	208666m	4.311	ng/ul	
16) Anthracene	17.034	178	1286439m	29.560	ng/ul	
19) Fluoranthene	18.977	202	180572m	2.546	ng/ul	
20) Pyrene	19.344	202	79797m	1.049	ng/ul	
21) Benzo(a)anthracene	21.110	228	224308m	3.053	ng/ul	
22) Chrysene	21.163	228	22865m	0.267	ng/ul	
24) Benzo(b)fluoranthene	22.659	252	31518m	0.540	ng/ul	
25) Benzo(k)fluoranthene	22.694	252	15101m	0.216	ng/ul	
26) Benzo(a)pyrene	23.215	252	31895m	0.581	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.497	276	7631m	0.091	ng/ul	
28) Dibenzo(a,h)anthracene	25.477	278	7131m	0.108	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033089.D
Acq On : 30 Jul 2024 04:42
Operator : MA/JU
Sample : P3329-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E00

Manual IntegrationsAPPROVED

Quant Time: Jul 30 05:07:58 2024
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