

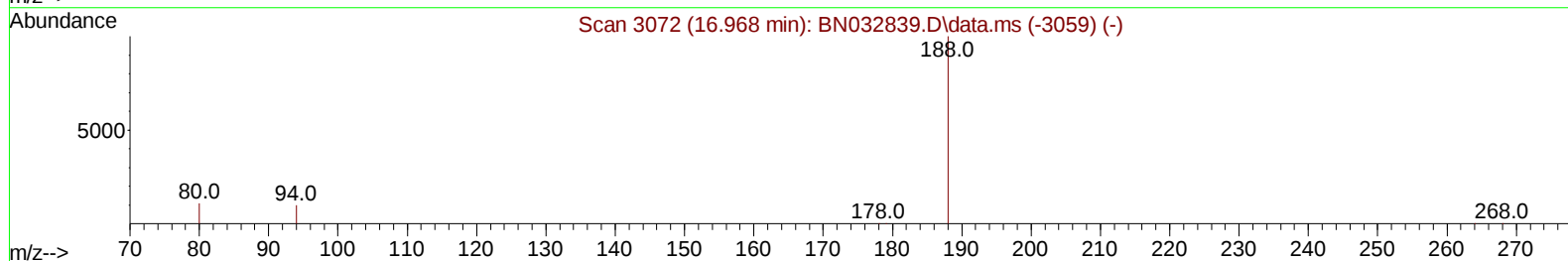
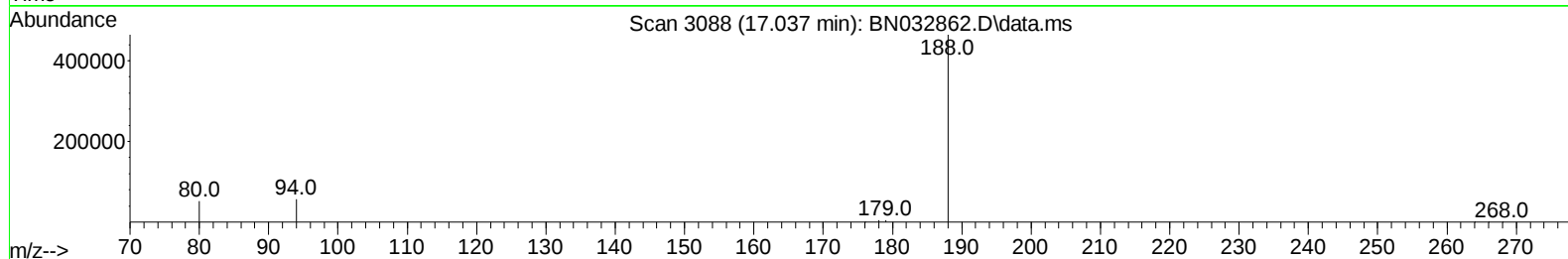
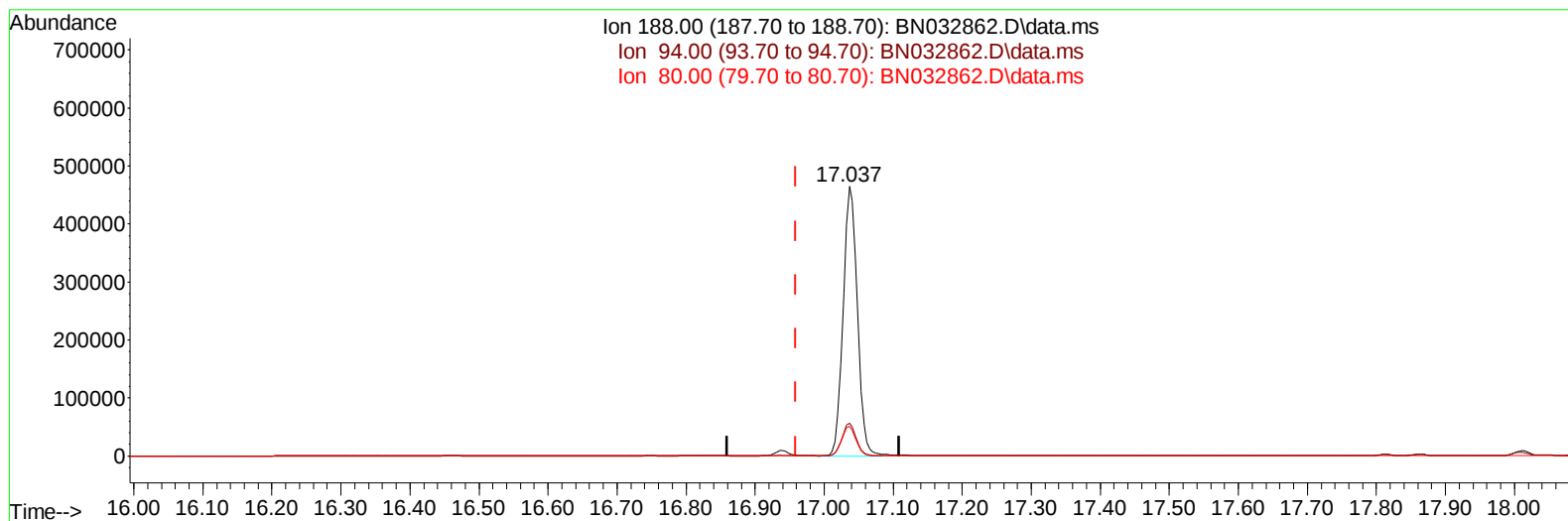
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032862.D
Acq On : 20 Jul 2024 04:26
Operator : MA/JU
Sample : P3178-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY5

Manual IntegrationsAPPROVED

Quant Time: Jul 20 05:01:23 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 :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032862.D\data.ms

(13) Phenanthrene-d10 (I)

17.037min (+ 0.077) 0.40 ng/u1

response 662065

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	12.28
80.00	12.00	11.06
0.00	0.00	0.00

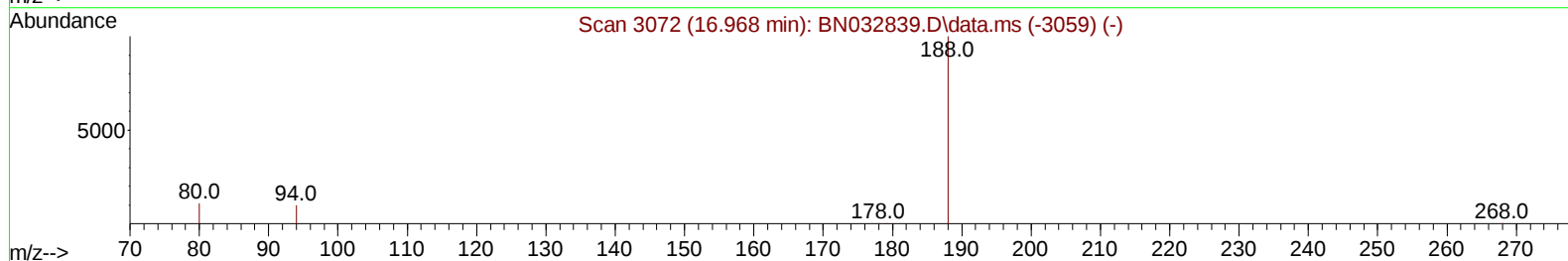
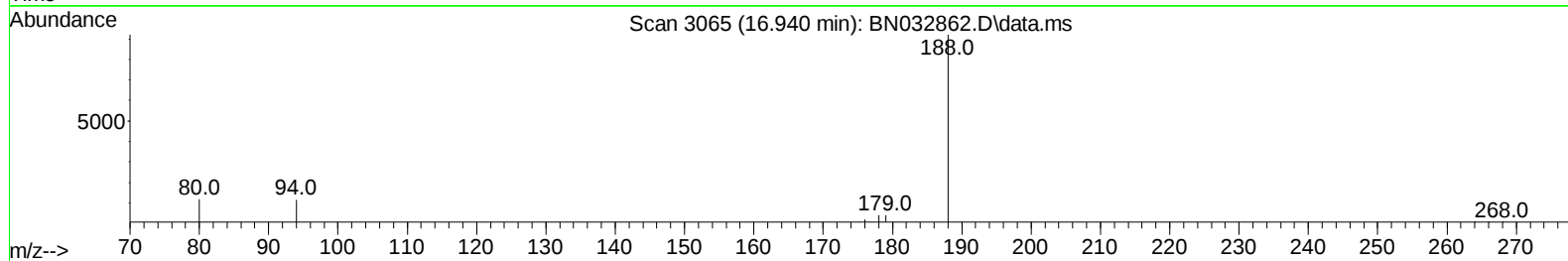
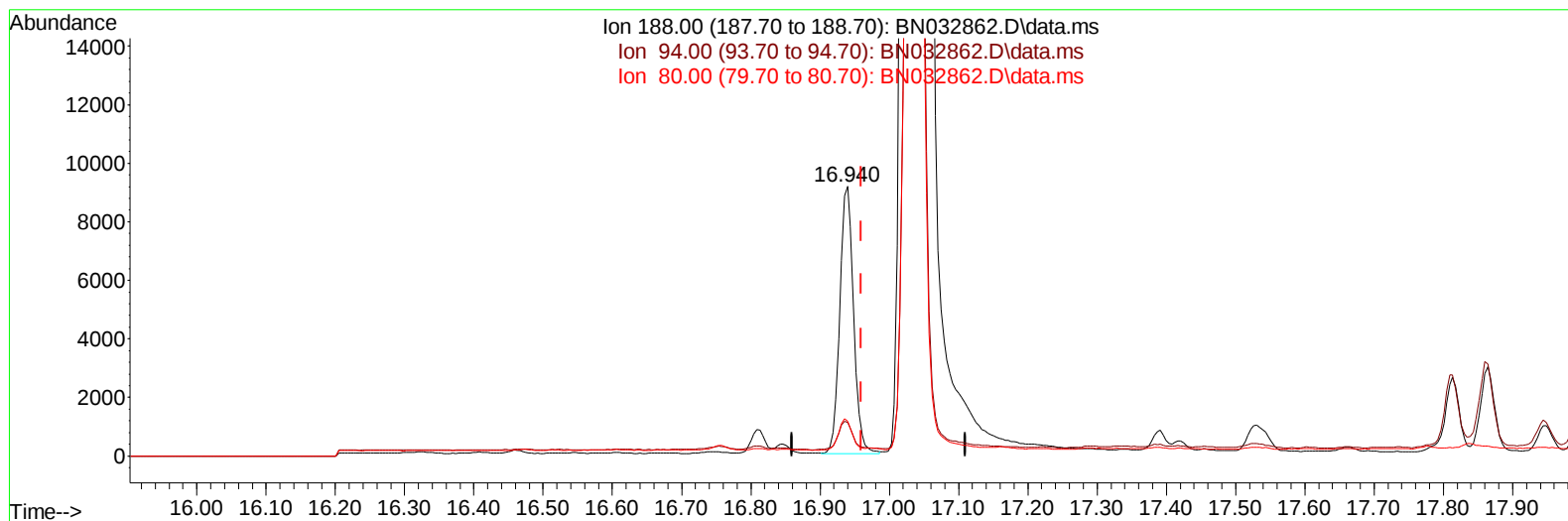
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032862.D
Acq On : 20 Jul 2024 04:26
Operator : MA/JU
Sample : P3178-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY5

Manual IntegrationsAPPROVED

Quant Time: Jul 20 05:01:23 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 :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032862.D\data.ms

(13) Phenanthrene-d10 (I)

16.940min (-0.020) 0.40 ng/ul m

response 12636

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	12.51
80.00	12.00	12.93
0.00	0.00	0.00

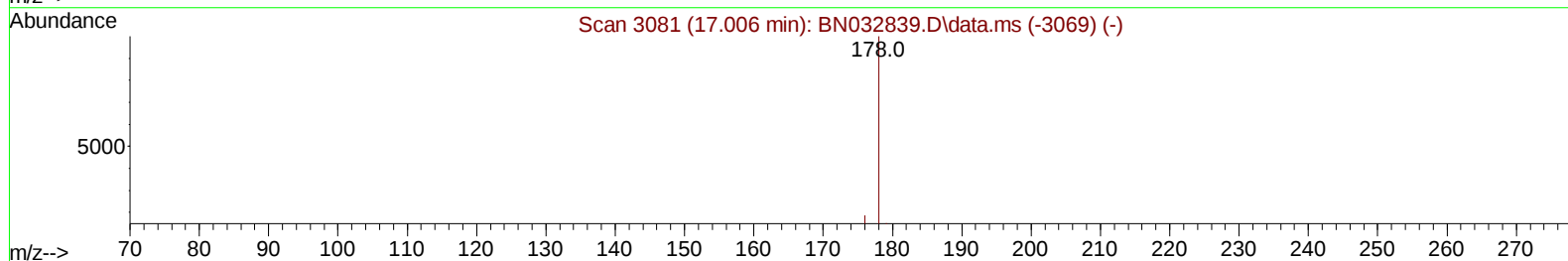
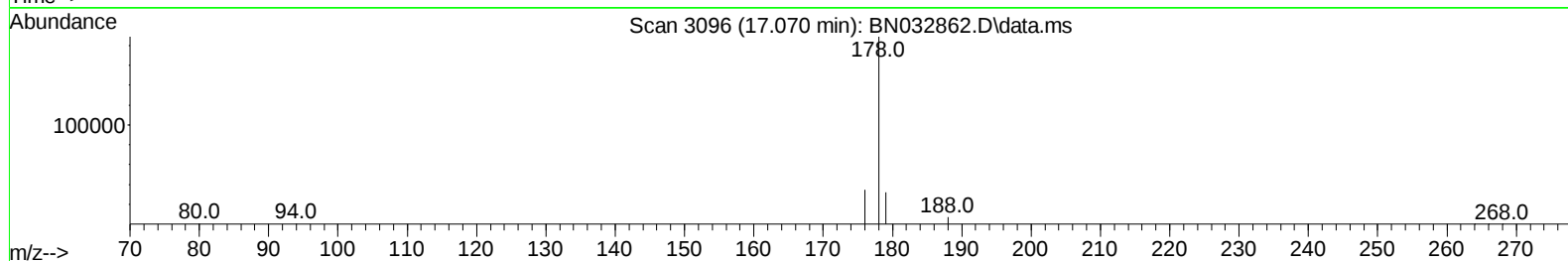
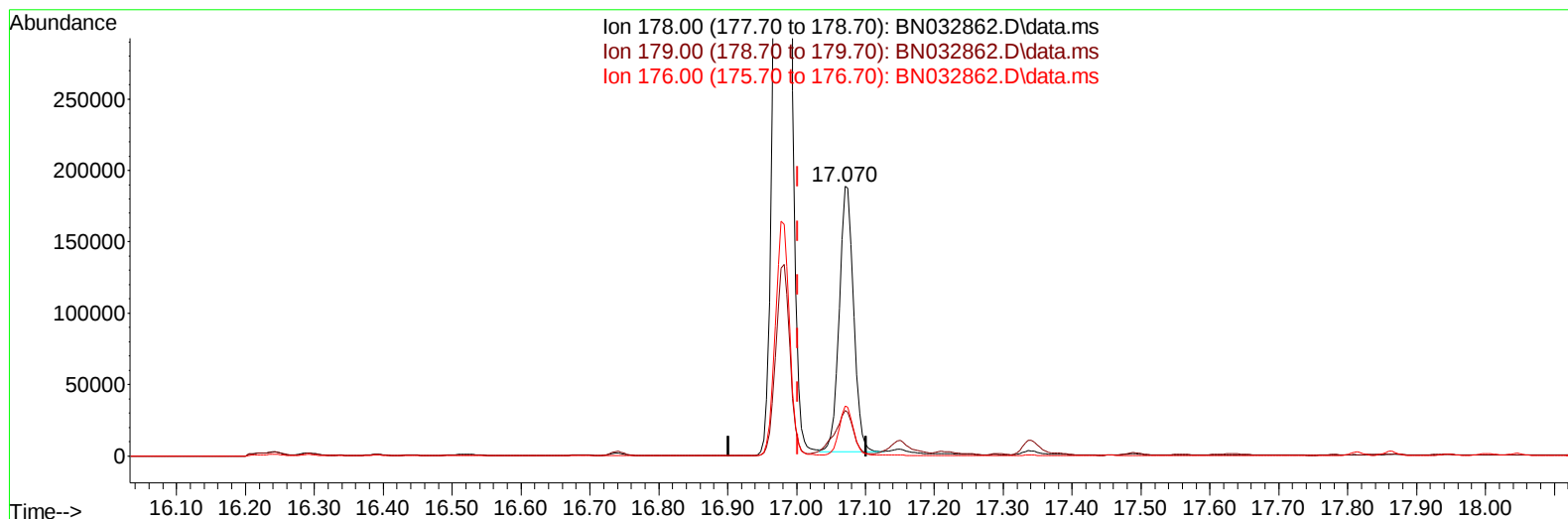
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032862.D
Acq On : 20 Jul 2024 04:26
Operator : MA/JU
Sample : P3178-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY5

Manual IntegrationsAPPROVED

Quant Time: Jul 20 05:01:23 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 :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032862.D\data.ms

(15) Phenanthrene

17.070min (+ 0.069) 7.79 ng/u1

response 267975

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	16.85
176.00	19.50	18.43
0.00	0.00	0.00

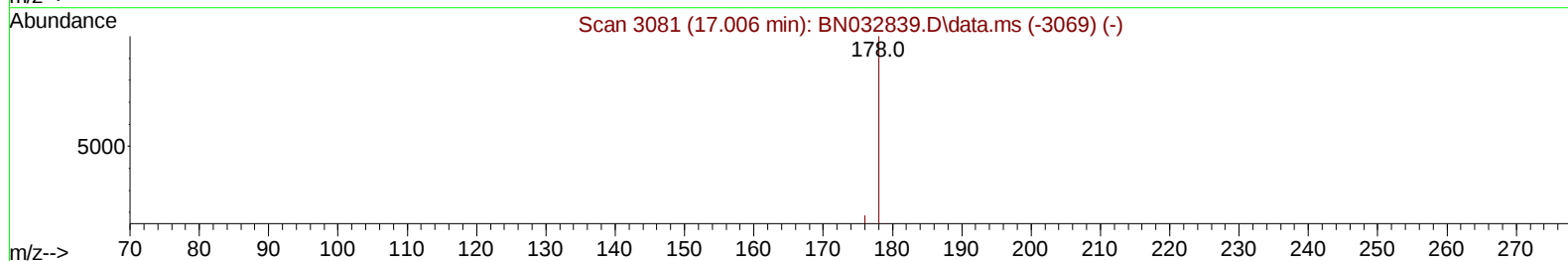
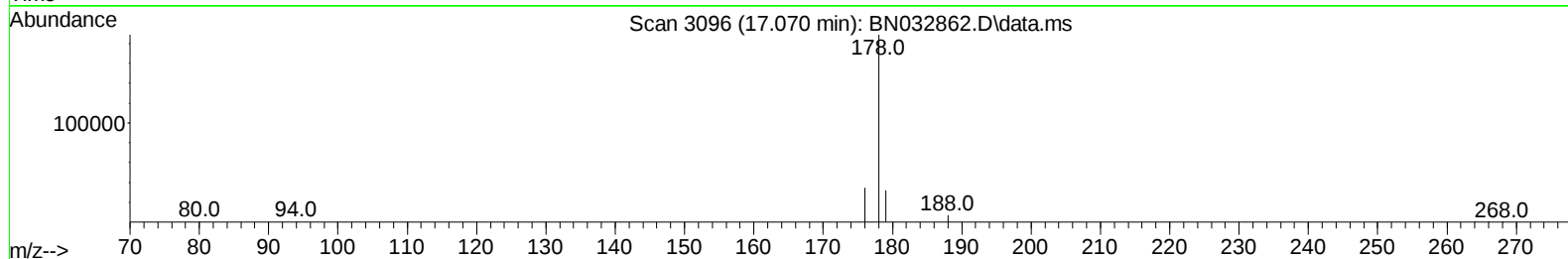
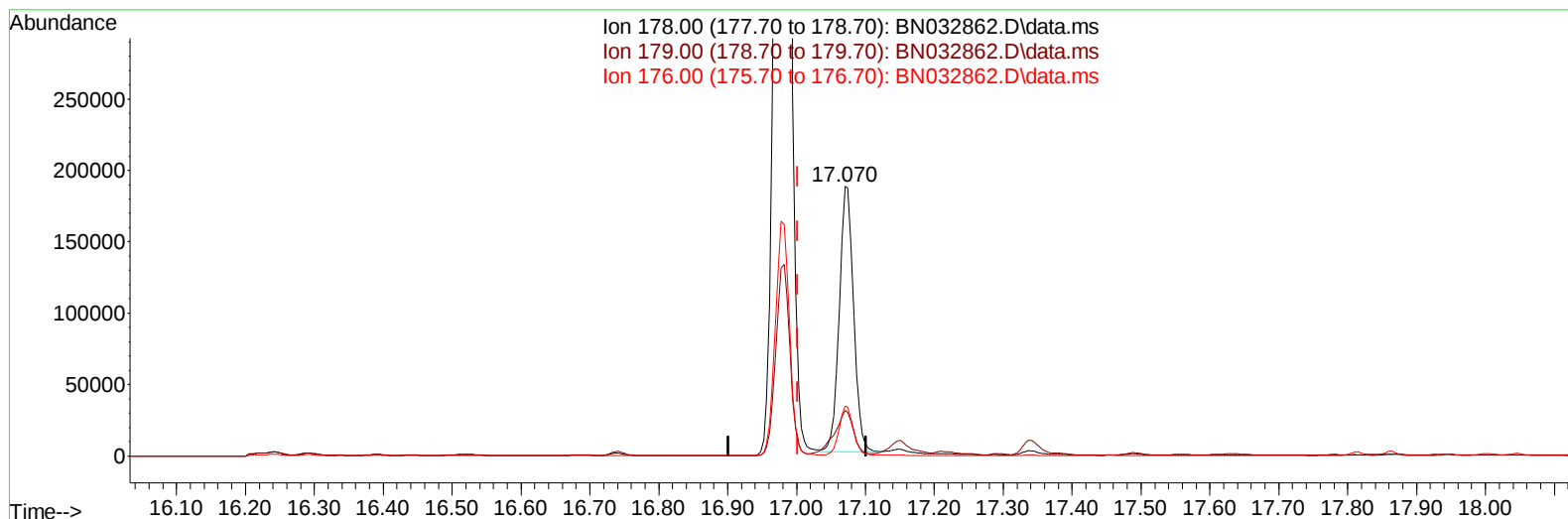
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032862.D
Acq On : 20 Jul 2024 04:26
Operator : MA/JU
Sample : P3178-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY5

Manual IntegrationsAPPROVED

Quant Time: Jul 20 05:01:23 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 :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032862.D\data.ms

(15) Phenanthrene

17.070min (+ 0.069) 7.79 ng/u1

response 267975

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	16.85
176.00	19.50	18.43
0.00	0.00	0.00

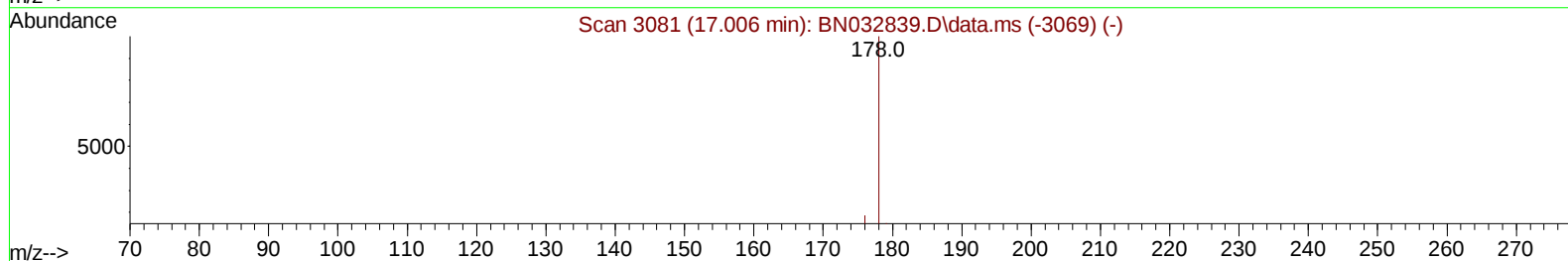
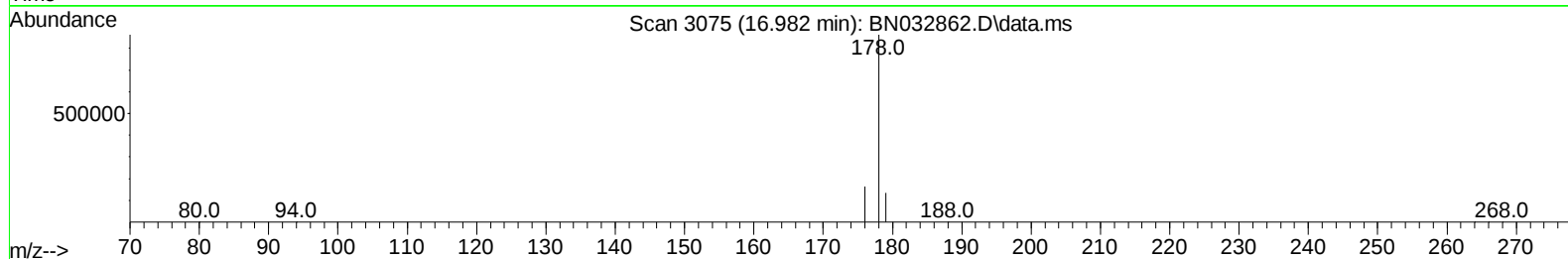
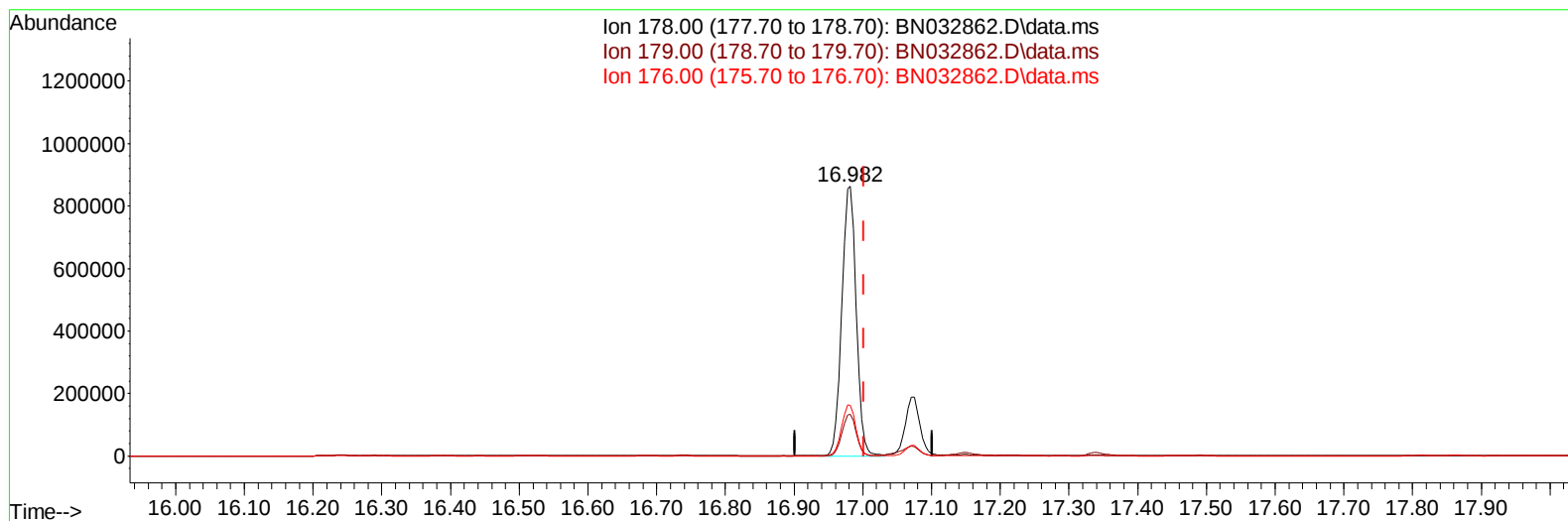
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032862.D
 Acq On : 20 Jul 2024 04:26
 Operator : MA/JU
 Sample : P3178-17
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BY5

Manual IntegrationsAPPROVED

Quant Time: Jul 20 05:01:23 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 :Yogesh Patel 07/22/2024
 Supervised By :mohammad ahmed 07/22/2024



TIC: BN032862.D\data.ms

(15) Phenanthrene

16.982min (-0.020) 36.36 ng/ul m

response 1251137

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.54
176.00	19.50	18.83
0.00	0.00	0.00

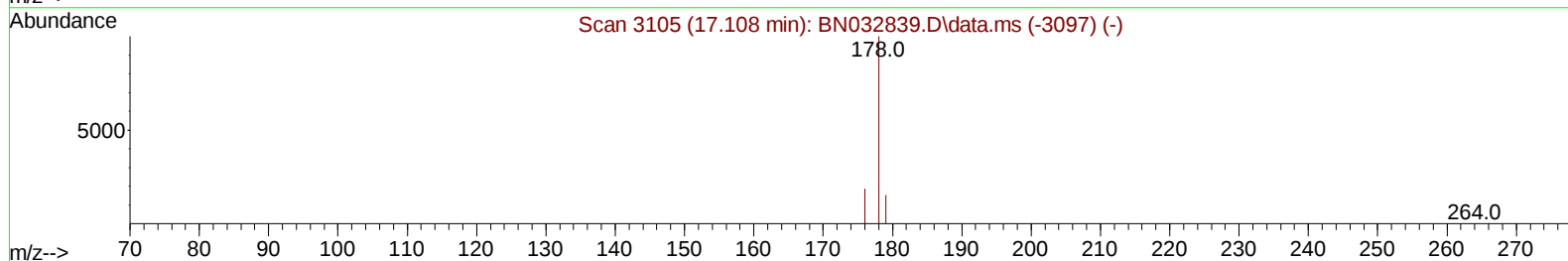
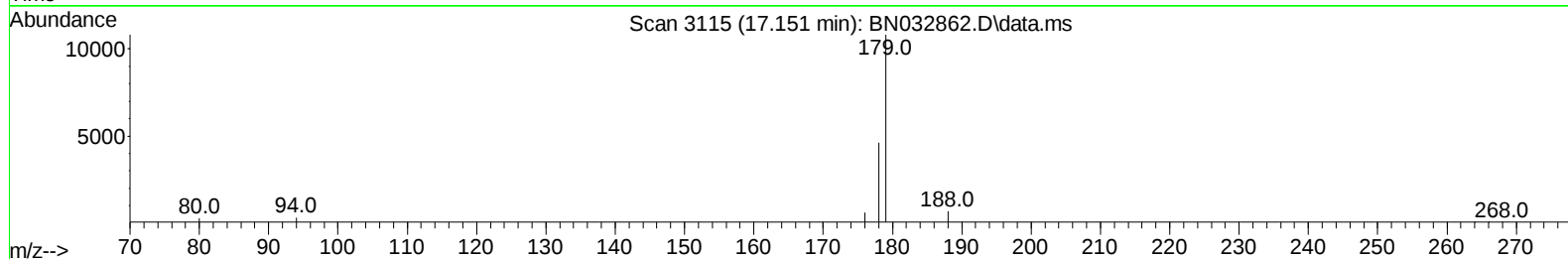
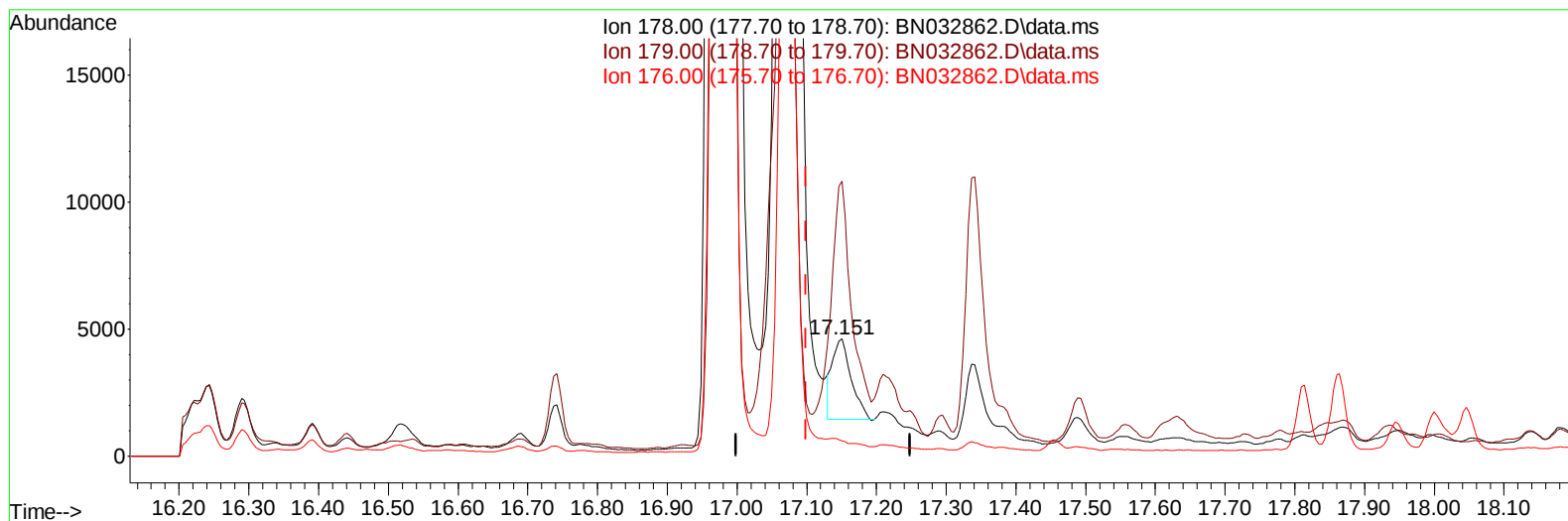
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032862.D
Acq On : 20 Jul 2024 04:26
Operator : MA/JU
Sample : P3178-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY5

Manual IntegrationsAPPROVED

Quant Time: Jul 20 05:01:23 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 :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032862.D\data.ms

(16) Anthracene

17.151min (+ 0.052) 0.21 ng/u1

response 6013

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	234.32#
176.00	19.20	13.00#
0.00	0.00	0.00

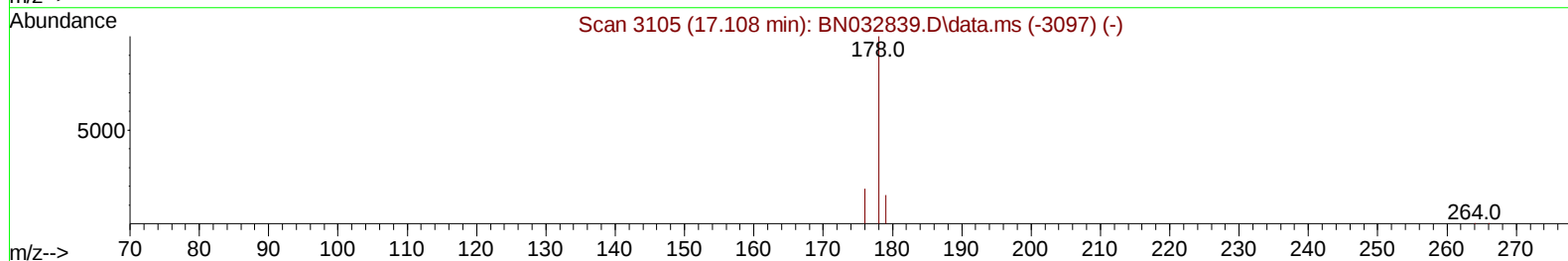
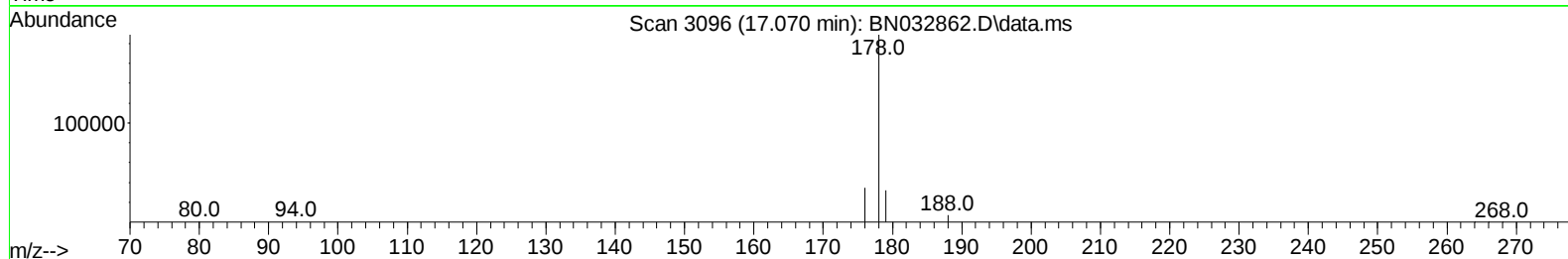
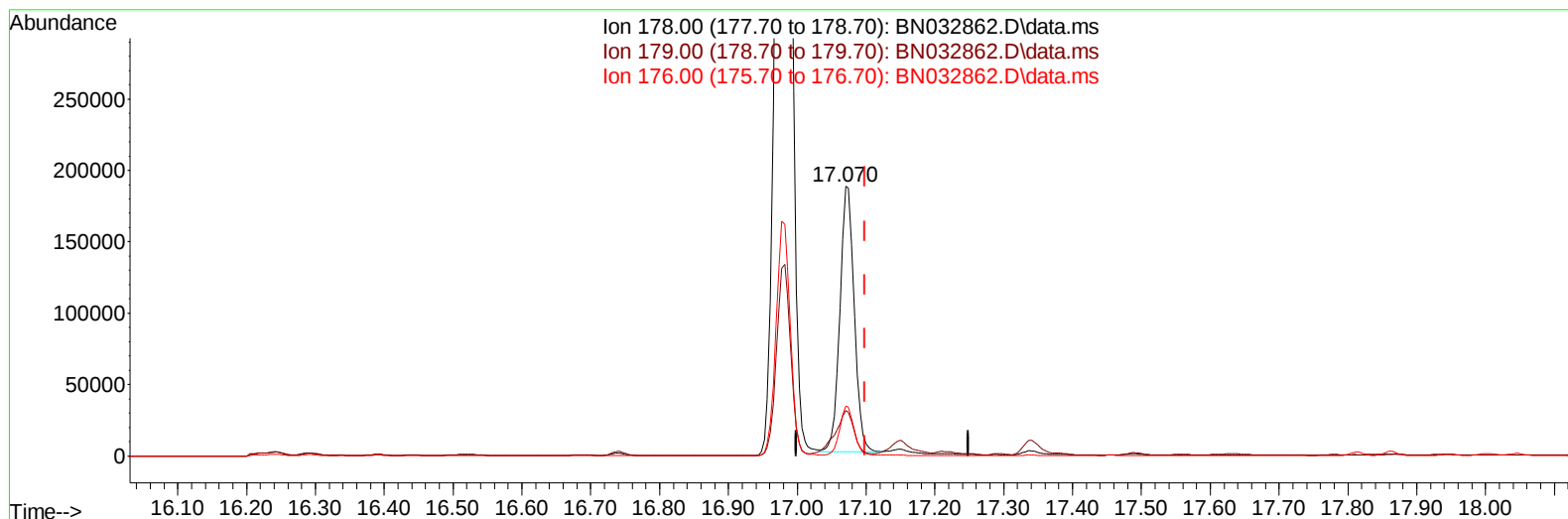
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032862.D
Acq On : 20 Jul 2024 04:26
Operator : MA/JU
Sample : P3178-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY5

Manual IntegrationsAPPROVED

Quant Time: Jul 20 05:01:23 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 :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032862.D\data.ms

(16) Anthracene

17.070min (-0.028) 9.55 ng/ul m

response 268544

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	16.85
176.00	19.20	18.43
0.00	0.00	0.00

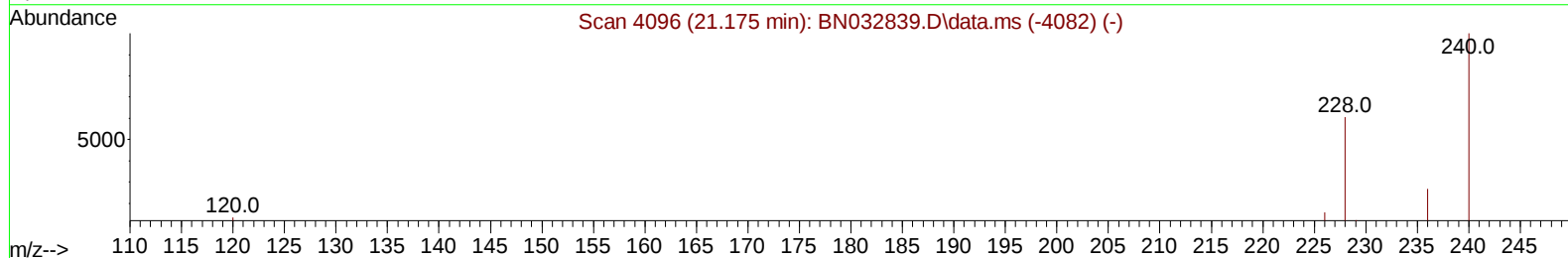
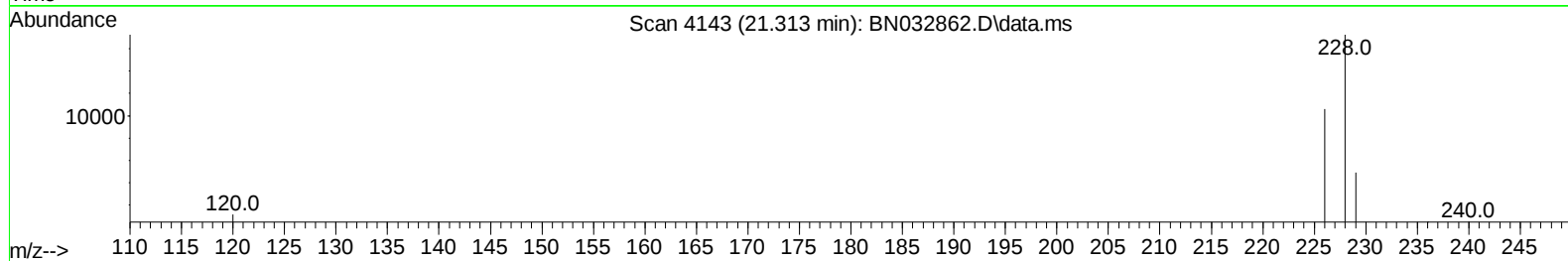
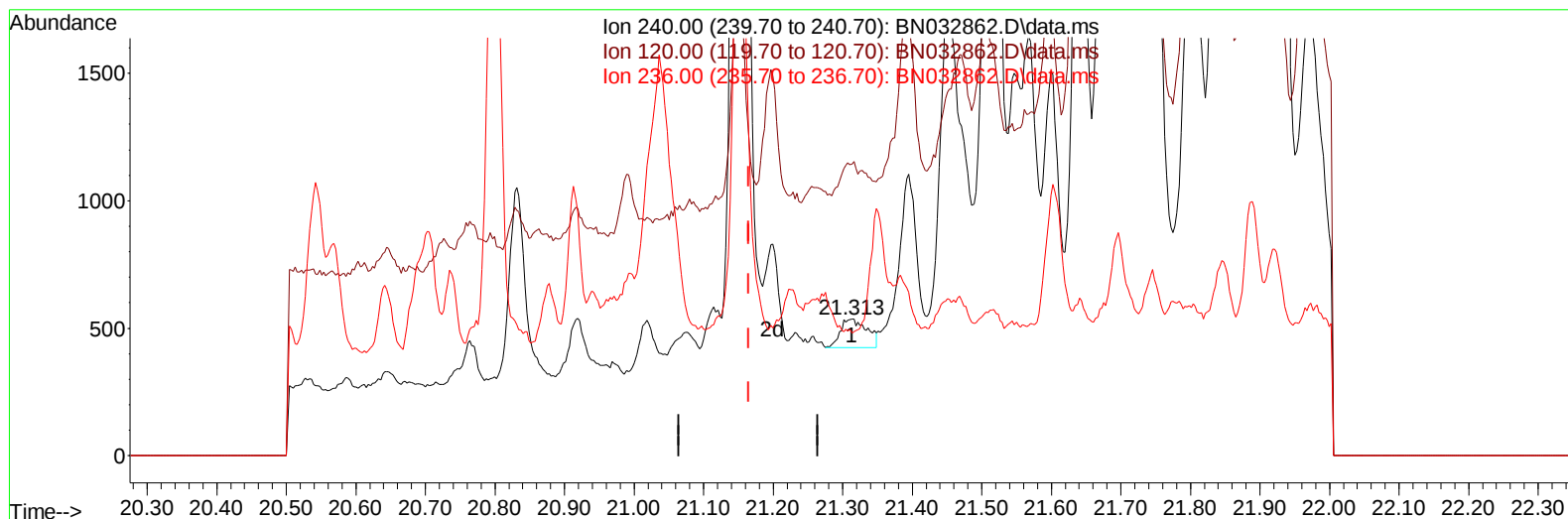
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032862.D
Acq On : 20 Jul 2024 04:26
Operator : MA/JU
Sample : P3178-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY5

Manual IntegrationsAPPROVED

Quant Time: Jul 20 05:01:23 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 :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032862.D\data.ms

(17) Chrysene-d12

21.313min (+ 0.148) 0.40 ng/u1

response 297

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	213.43#
236.00	28.40	89.93#
0.00	0.00	0.00

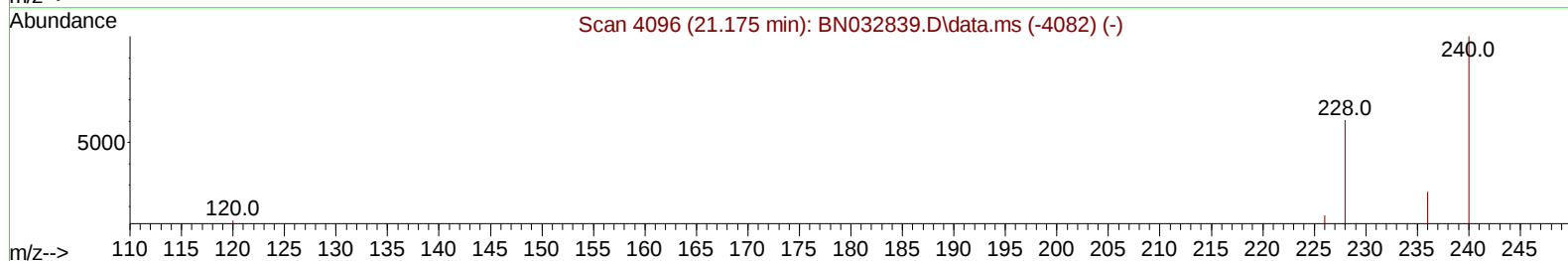
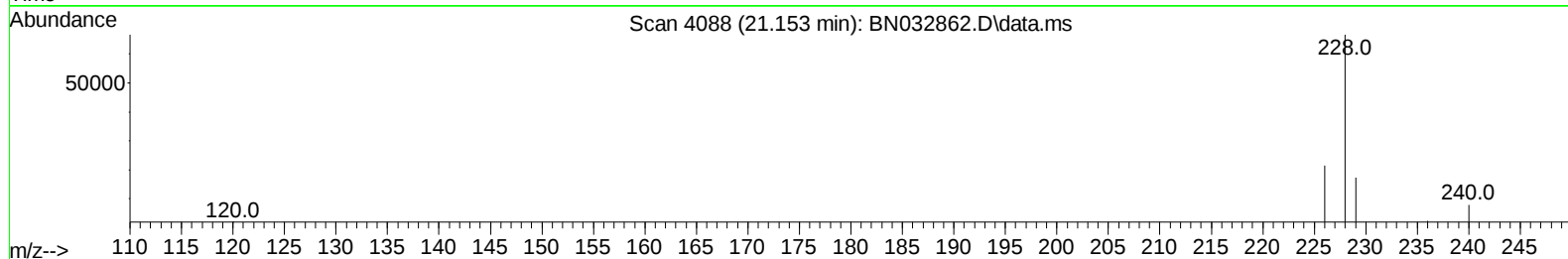
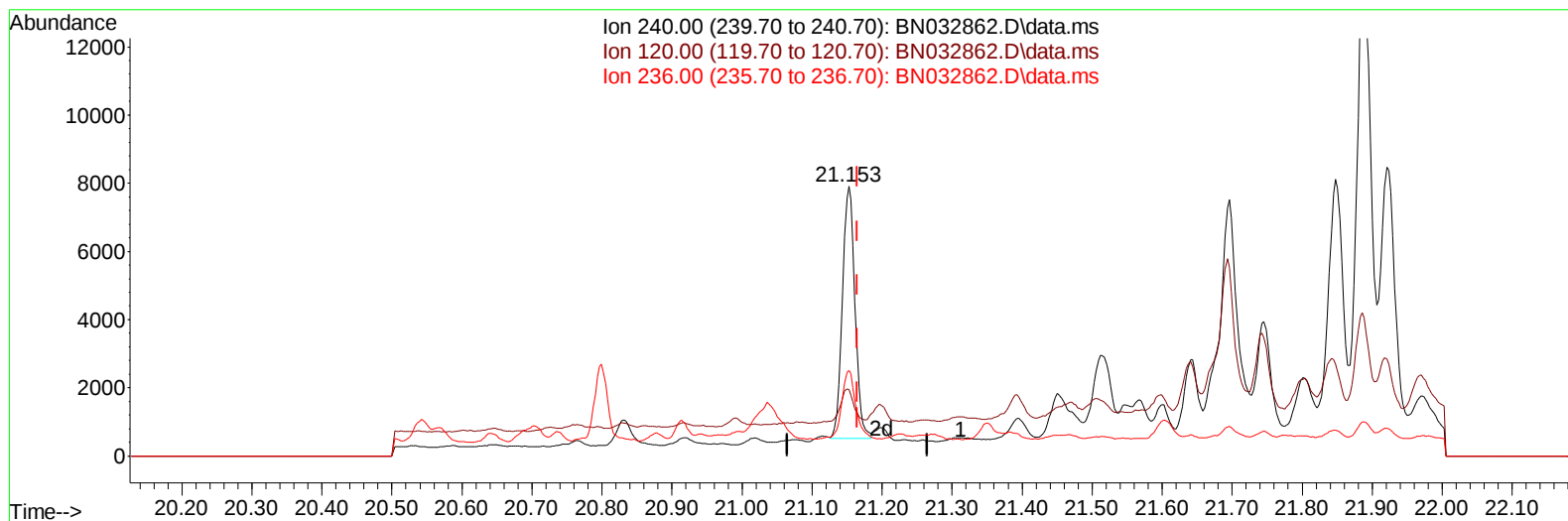
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032862.D
Acq On : 20 Jul 2024 04:26
Operator : MA/JU
Sample : P3178-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY5

Manual IntegrationsAPPROVED

Quant Time: Jul 20 05:01:23 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 :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032862.D\data.ms

(17) Chrysene-d12

21.153min (-0.012) 0.40 ng/ul m

response 9287

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	24.71#
236.00	28.40	31.72
0.00	0.00	0.00

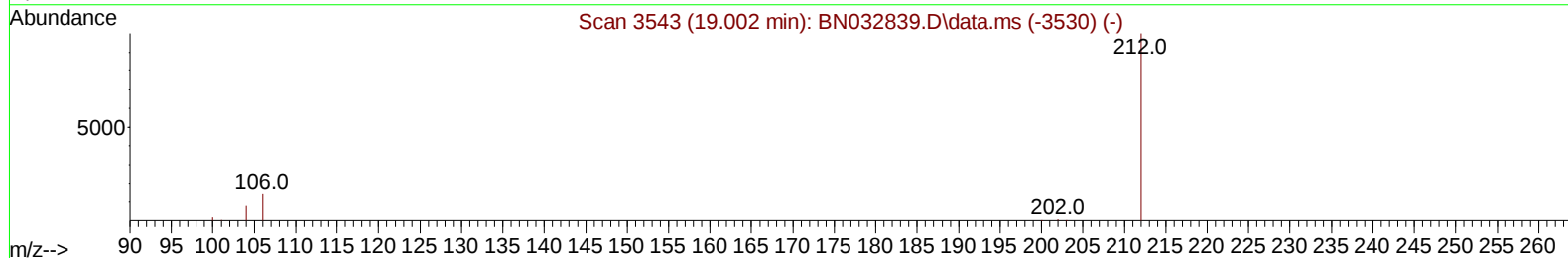
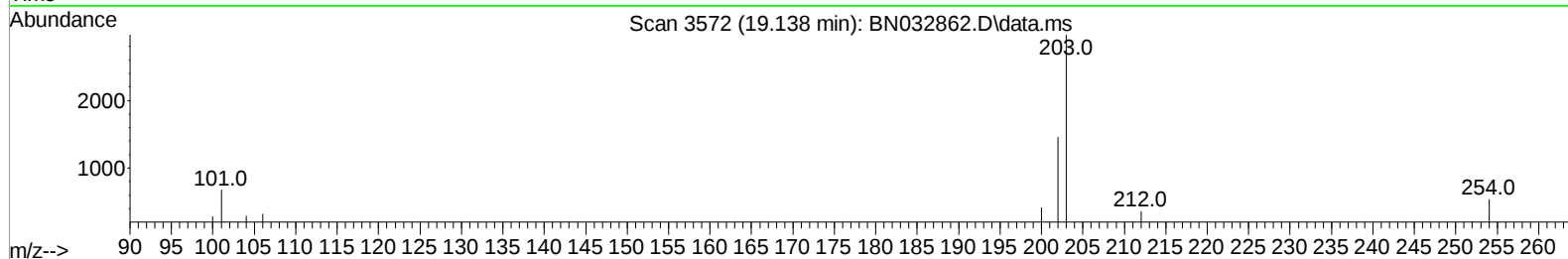
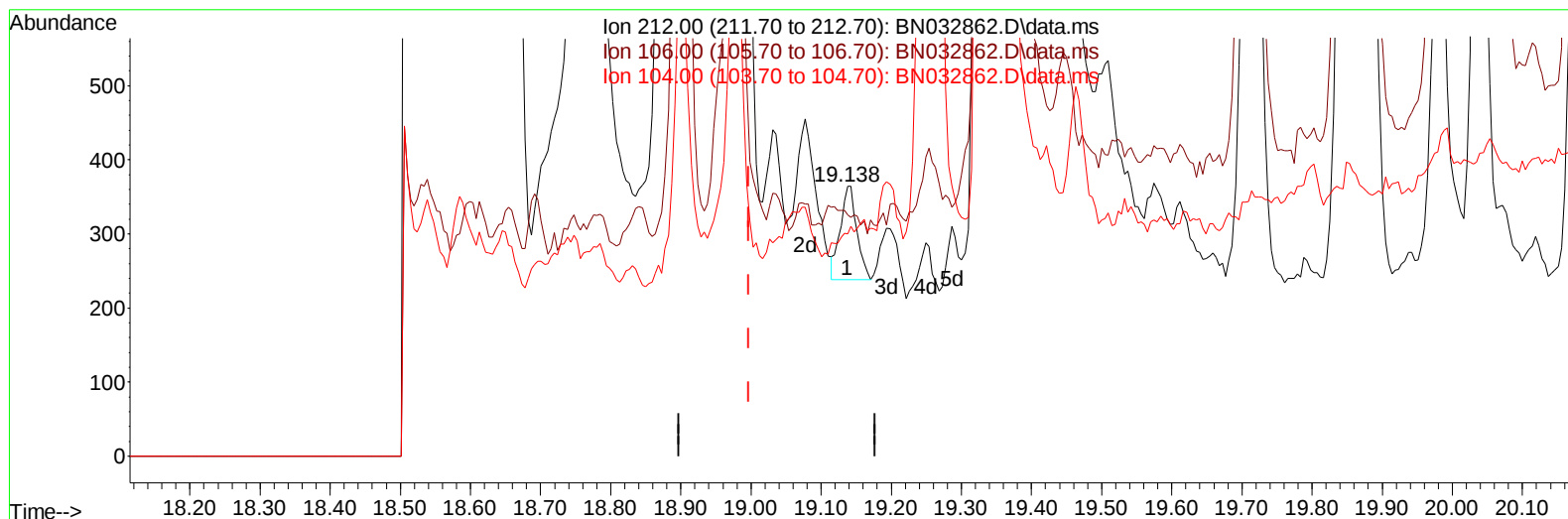
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032862.D
Acq On : 20 Jul 2024 04:26
Operator : MA/JU
Sample : P3178-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY5

Manual IntegrationsAPPROVED

Quant Time: Jul 20 05:01:23 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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Supervised By :mohammad ahmed 07/22/2024



TIC: BN032862.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.138min (+ 0.140) 0.01 ng/u1

response 207

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

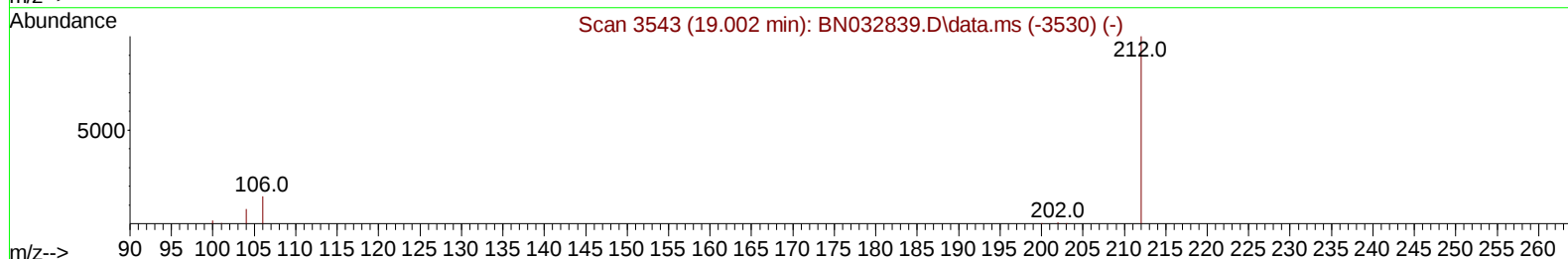
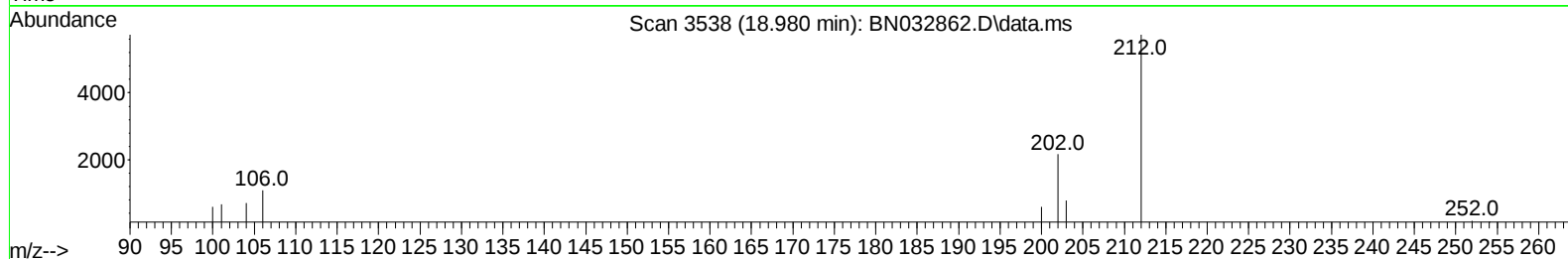
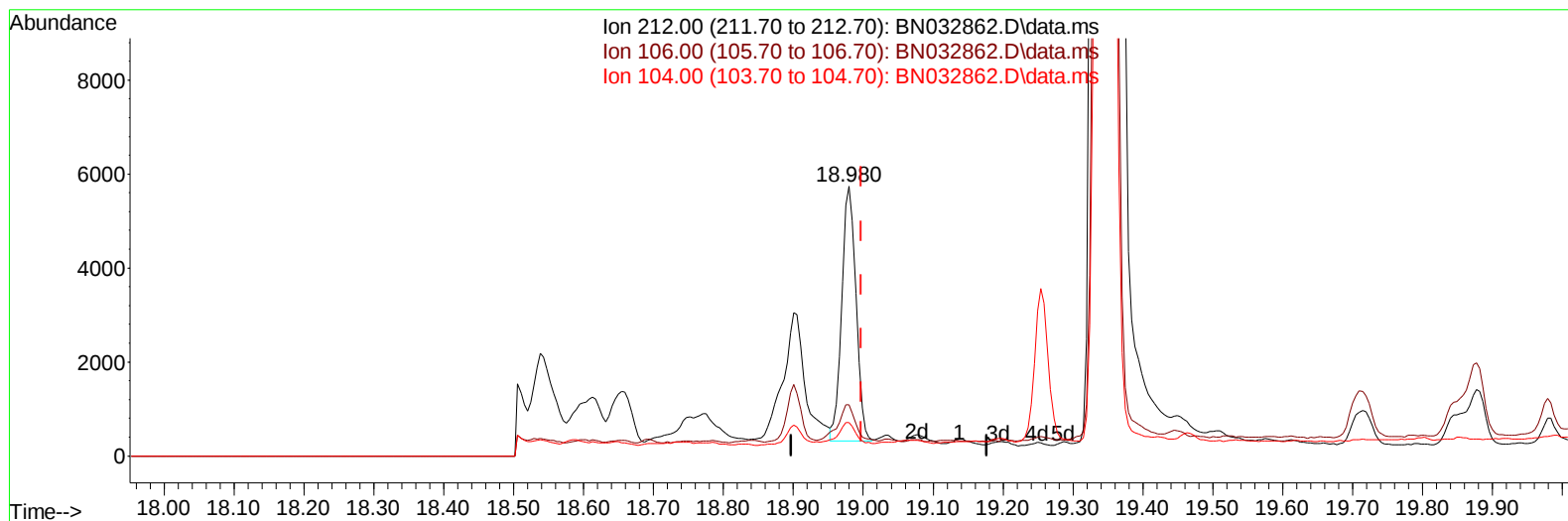
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032862.D
Acq On : 20 Jul 2024 04:26
Operator : MA/JU
Sample : P3178-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY5

Manual IntegrationsAPPROVED

Quant Time: Jul 20 05:01:23 2024
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Reviewed By :Yogesh Patel 07/22/2024
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TIC: BN032862.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.980min (-0.018) 0.25 ng/ul m

response 7640

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

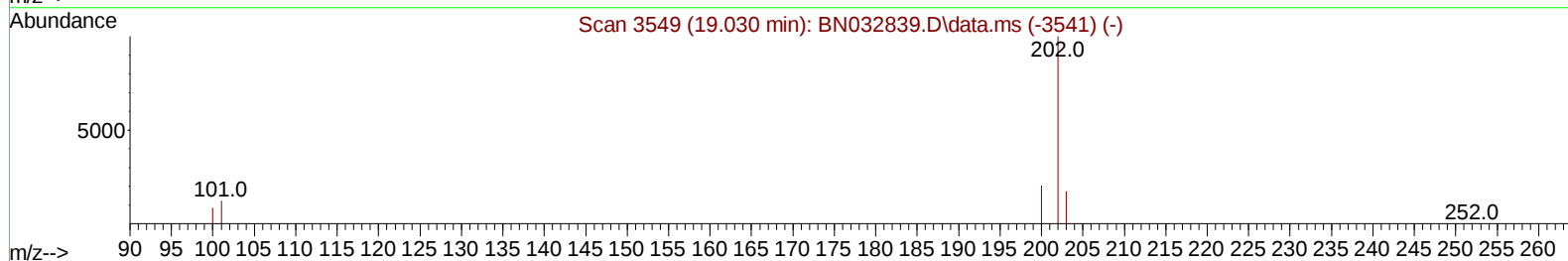
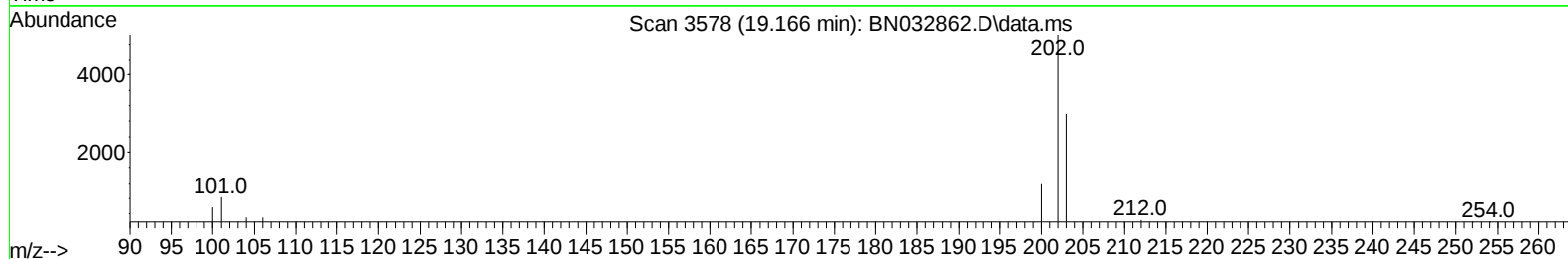
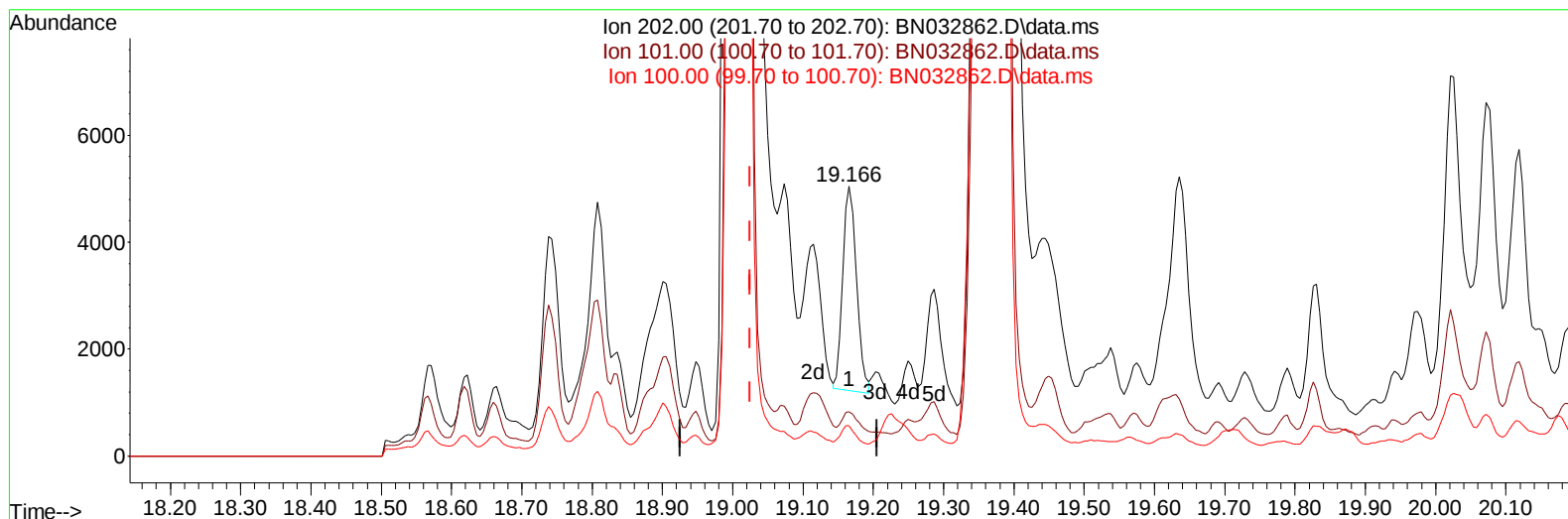
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032862.D
Acq On : 20 Jul 2024 04:26
Operator : MA/JU
Sample : P3178-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY5

Manual IntegrationsAPPROVED

Quant Time: Jul 20 05:01:23 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
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Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032862.D\data.ms

(19) Fluoranthene (C)

19.166min (+ 0.141) 0.14 ng/u1

response 5150

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	16.39#
100.00	9.90	11.29
0.00	0.00	0.00

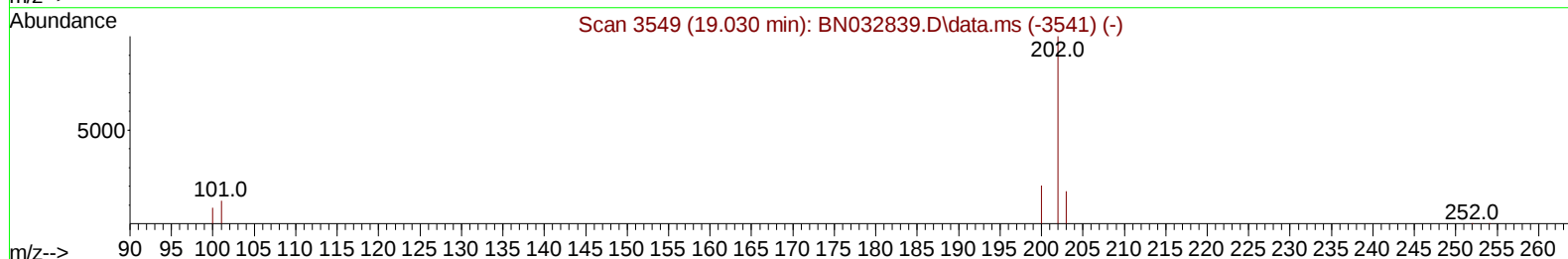
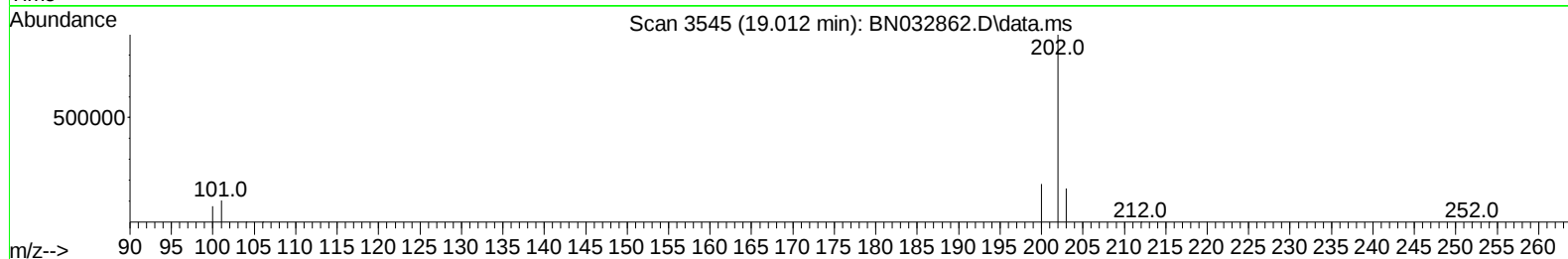
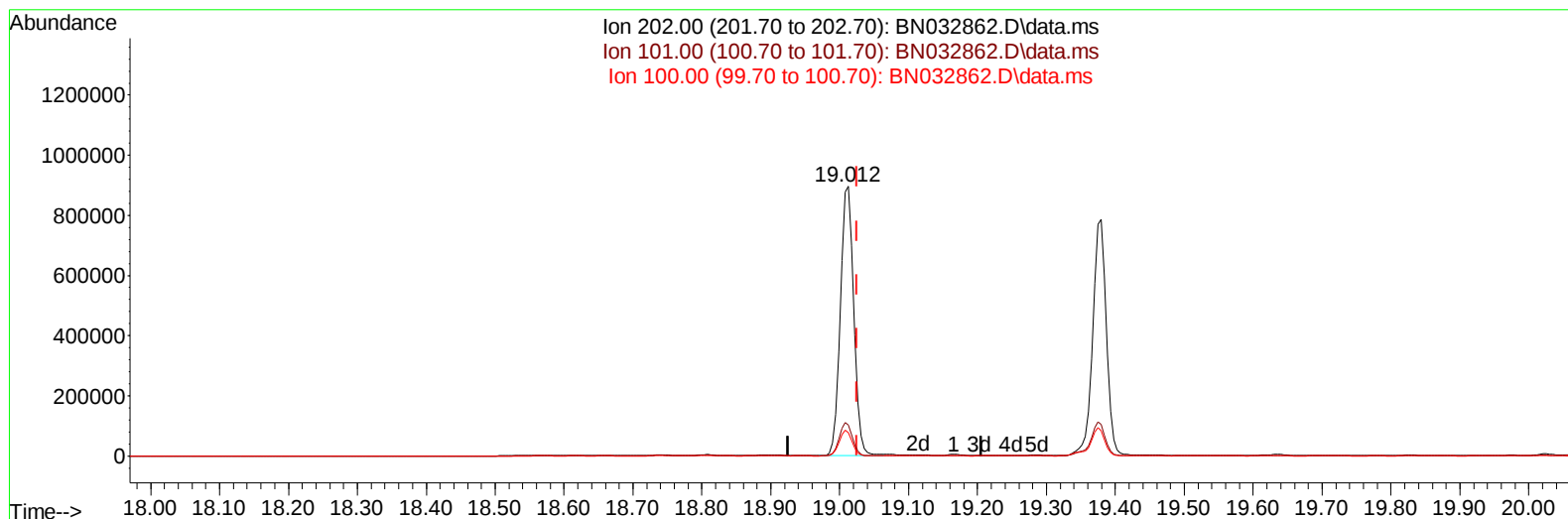
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032862.D
Acq On : 20 Jul 2024 04:26
Operator : MA/JU
Sample : P3178-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY5

Manual IntegrationsAPPROVED

Quant Time: Jul 20 05:01:23 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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Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032862.D\data.ms

(19) Fluoranthene (C)

19.012min (-0.013) 32.26 ng/ul m

response 1217970

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	11.51
100.00	9.90	8.53
0.00	0.00	0.00

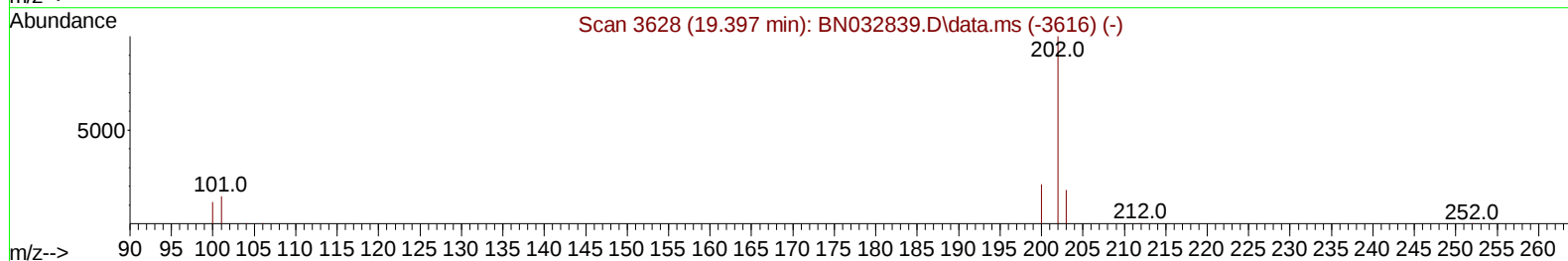
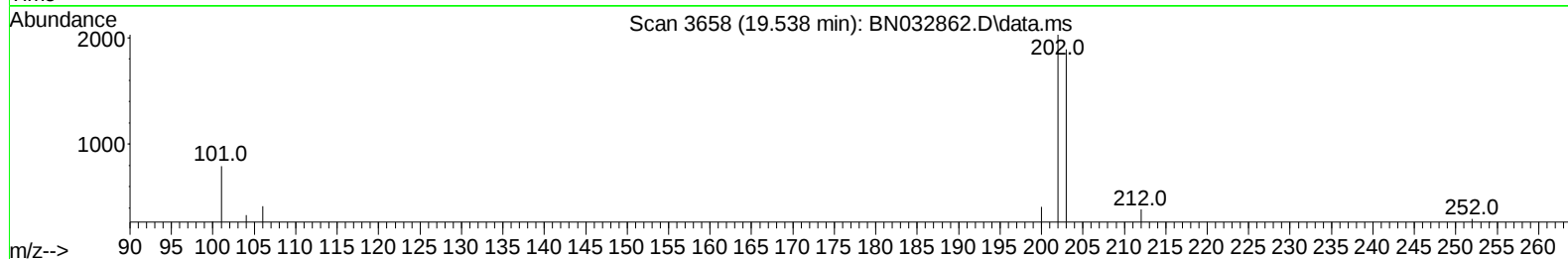
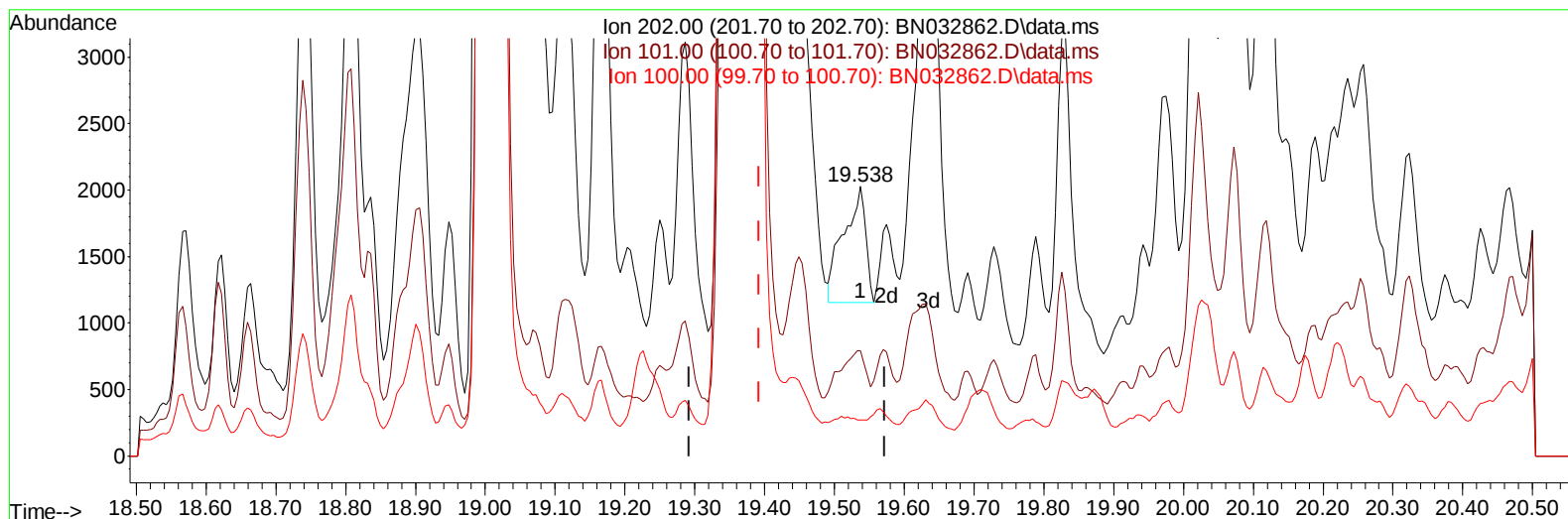
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032862.D
Acq On : 20 Jul 2024 04:26
Operator : MA/JU
Sample : P3178-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY5

Manual IntegrationsAPPROVED

Quant Time: Jul 20 05:01:23 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 :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032862.D\data.ms

(20) Pyrene

19.538min (+ 0.145) 0.05 ng/u1

response 1902

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	39.07#
100.00	12.00	13.32
0.00	0.00	0.00

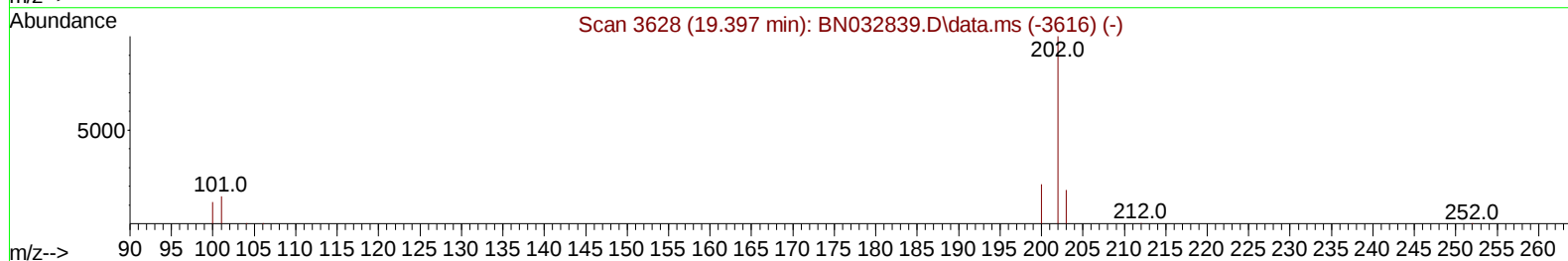
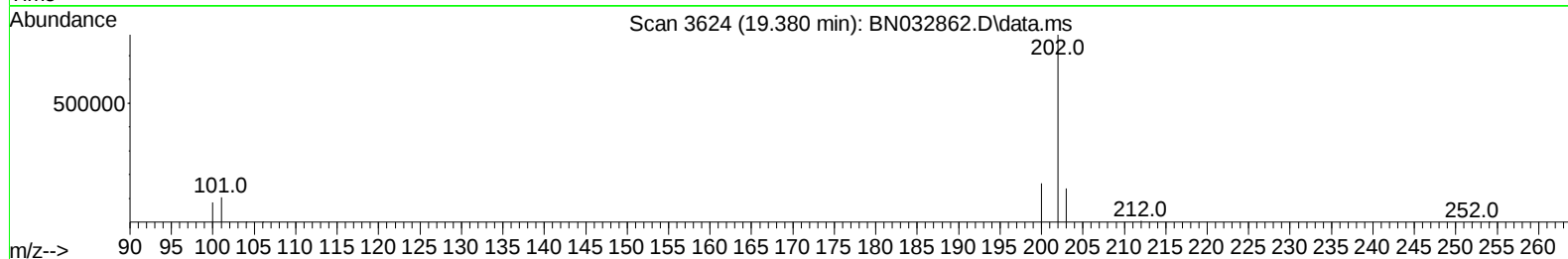
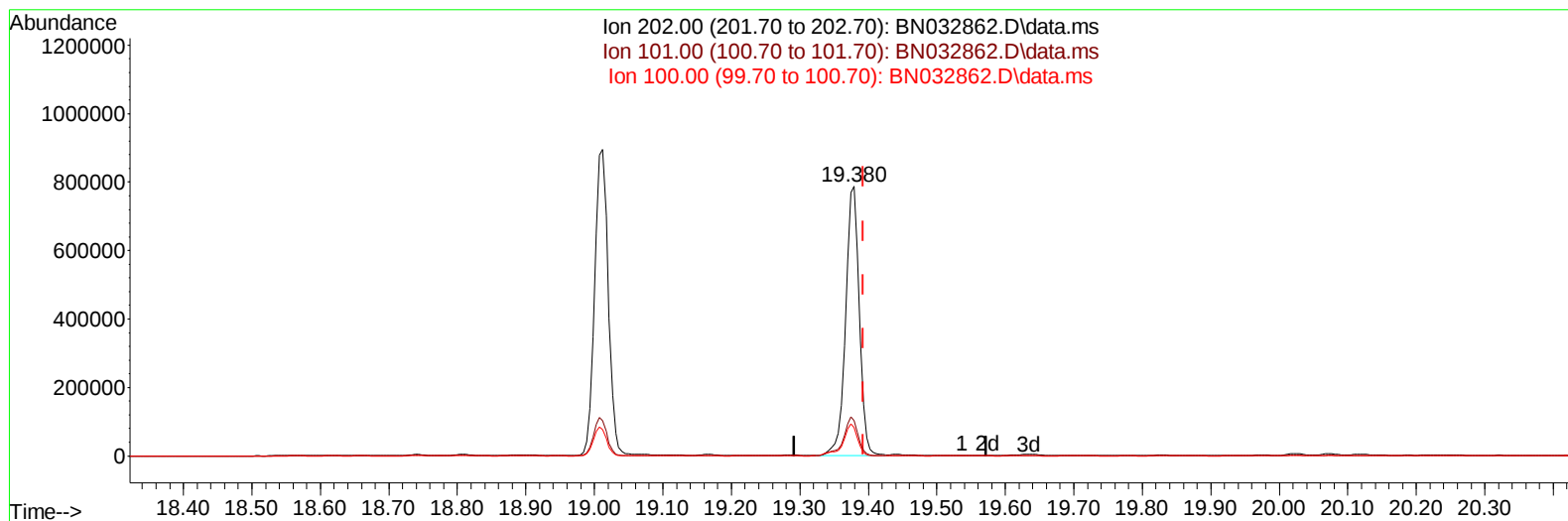
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032862.D
Acq On : 20 Jul 2024 04:26
Operator : MA/JU
Sample : P3178-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY5

Manual IntegrationsAPPROVED

Quant Time: Jul 20 05:01:23 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 :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032862.D\data.ms

(20) Pyrene

19.380min (-0.013) 28.06 ng/ul m

response 1096501

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	13.18
100.00	12.00	10.51
0.00	0.00	0.00

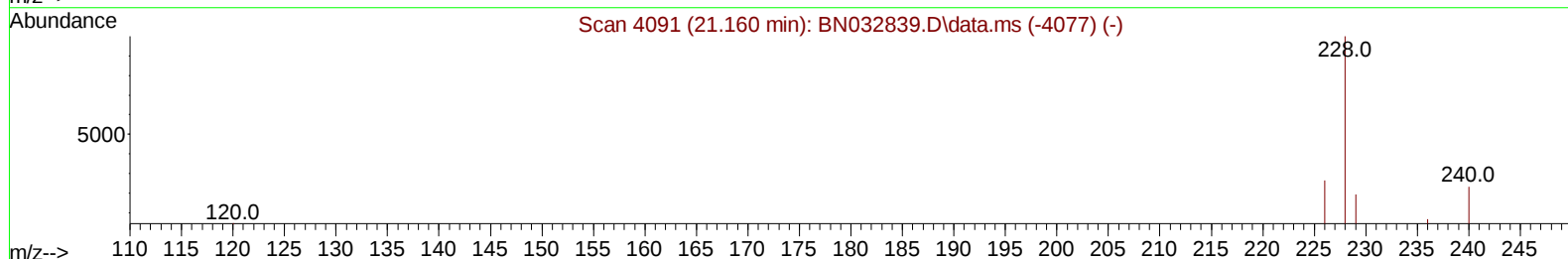
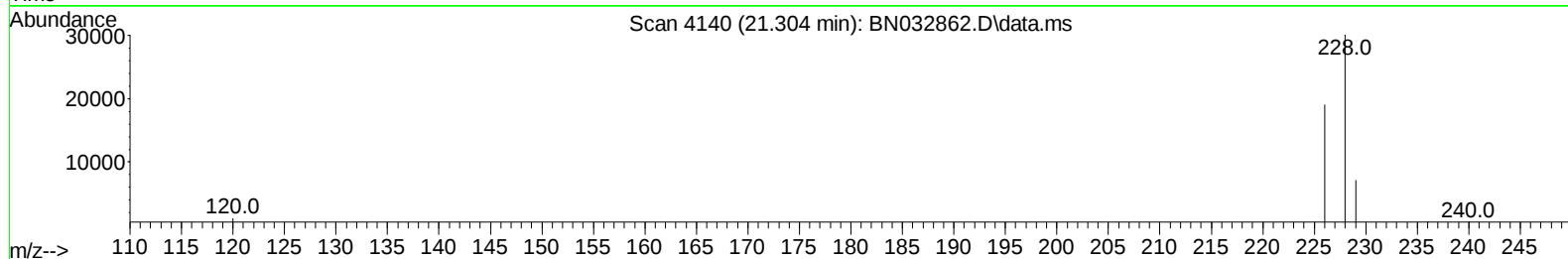
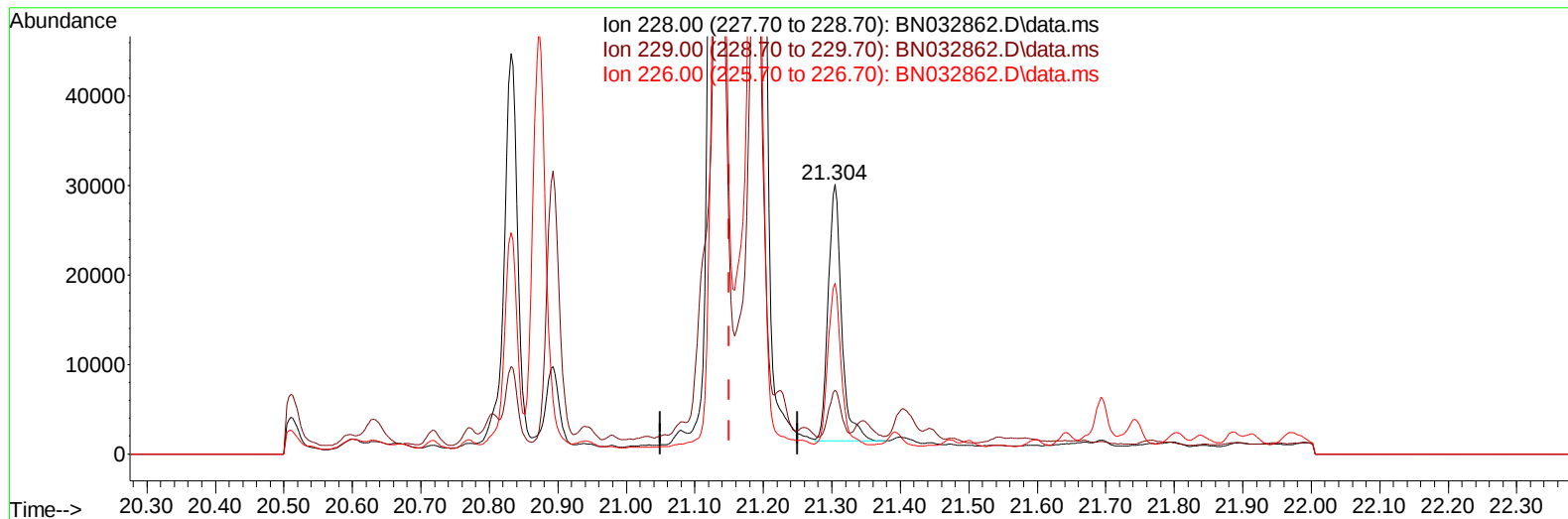
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032862.D
Acq On : 20 Jul 2024 04:26
Operator : MA/JU
Sample : P3178-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY5

Manual IntegrationsAPPROVED

Quant Time: Jul 20 05:01:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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TIC: BN032862.D\data.ms

(21) Benzo(a)anthracene

21.304min (+ 0.154) 1.33 ng/u1

response 39383

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	23.76
226.00	27.40	63.28#
0.00	0.00	0.00

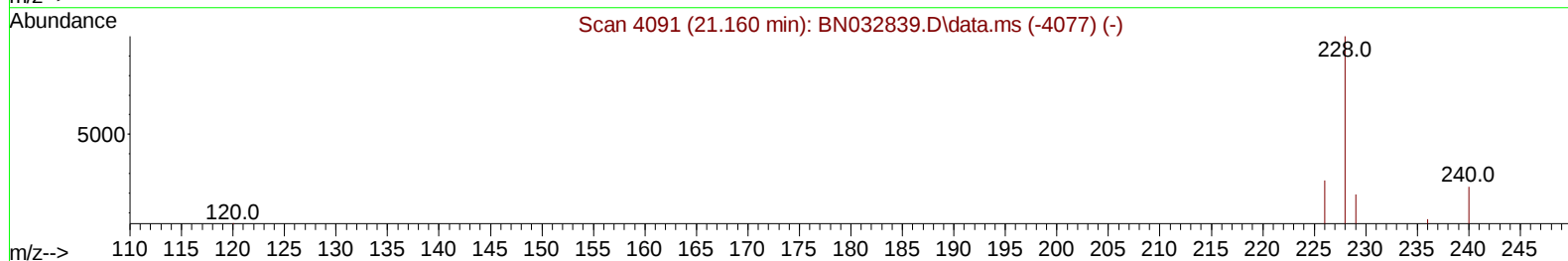
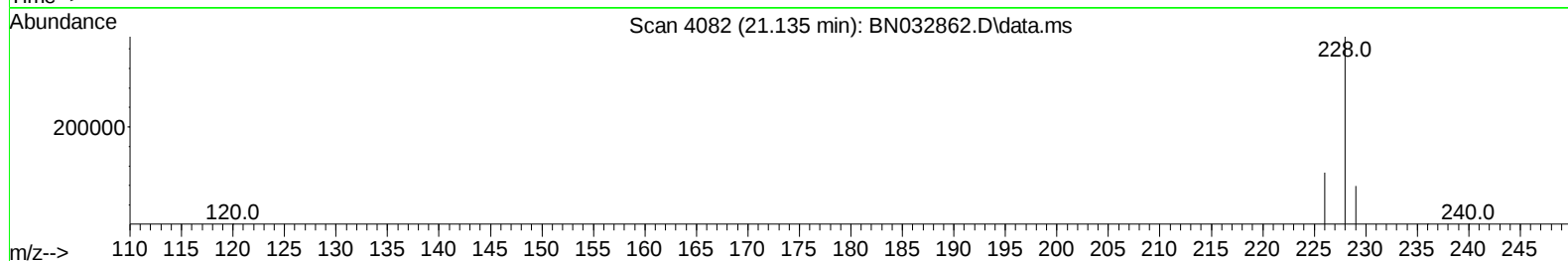
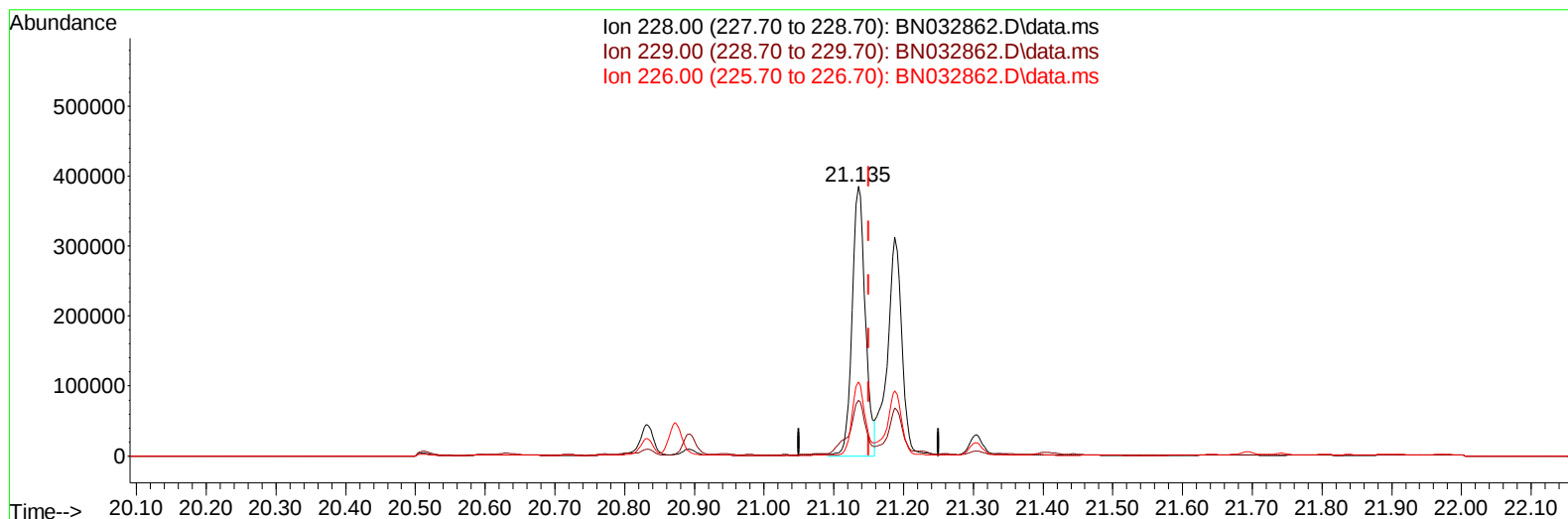
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032862.D
Acq On : 20 Jul 2024 04:26
Operator : MA/JU
Sample : P3178-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY5

Manual IntegrationsAPPROVED

Quant Time: Jul 20 05:01:23 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: BN032862.D\data.ms

(21) Benzo(a)anthracene

21.135min (-0.015) 17.07 ng/ul m

response 504682

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	20.55
226.00	27.40	27.47
0.00	0.00	0.00

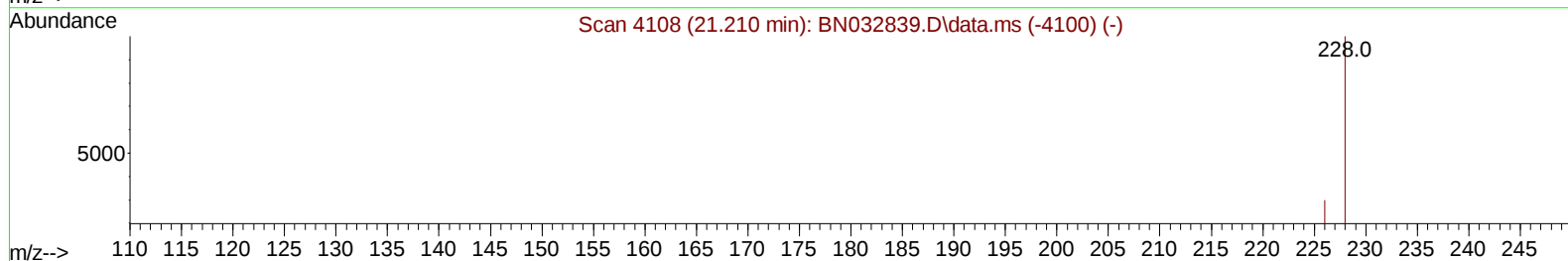
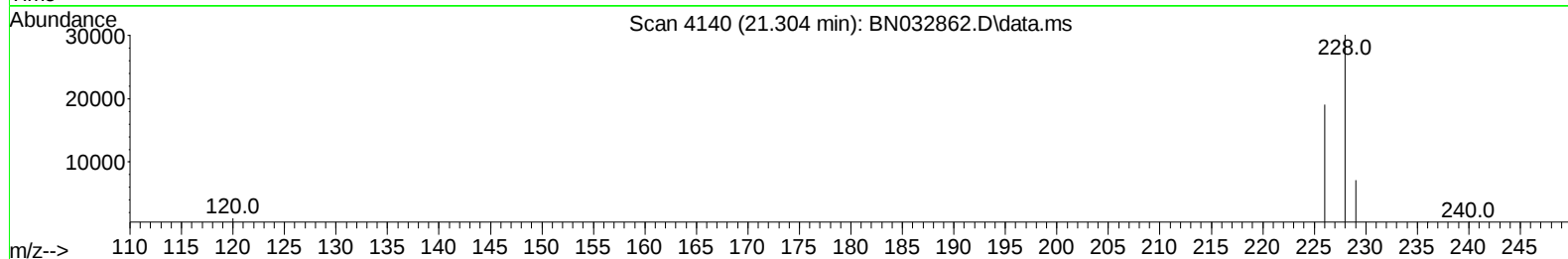
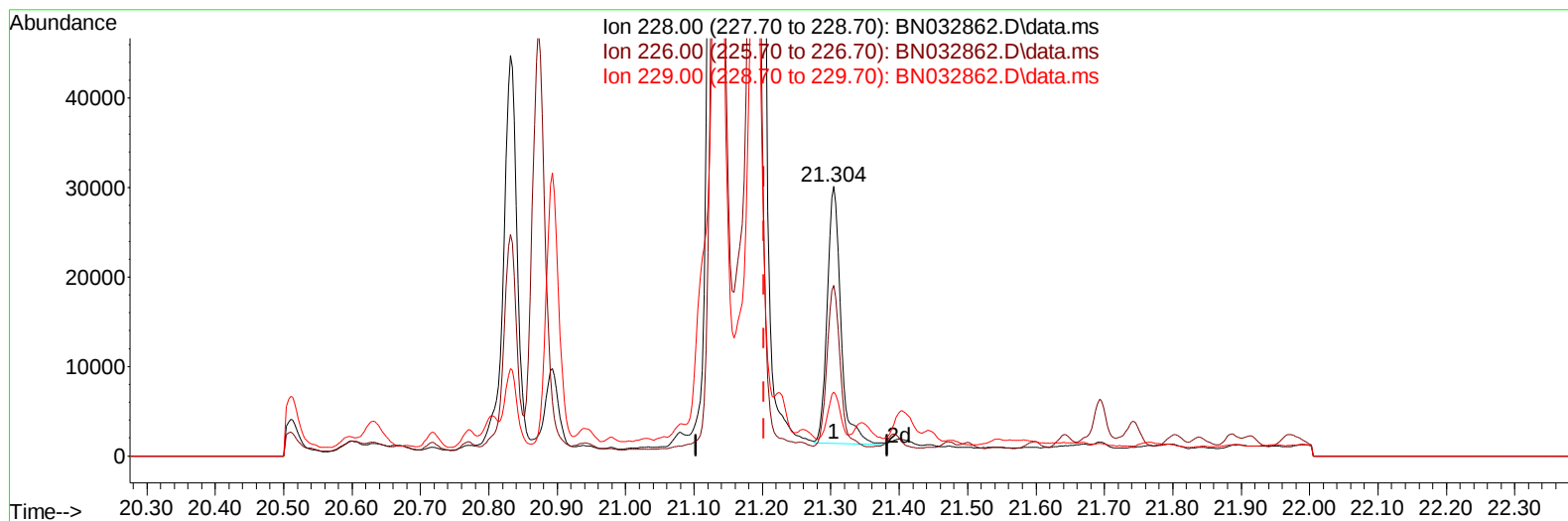
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032862.D
Acq On : 20 Jul 2024 04:26
Operator : MA/JU
Sample : P3178-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY5

Manual IntegrationsAPPROVED

Quant Time: Jul 20 05:01:23 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 :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032862.D\data.ms

(22) Chrysene

21.304min (+ 0.102) 0.93 ng/u1

response 39904

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	63.28#
229.00	19.70	23.76#
0.00	0.00	0.00

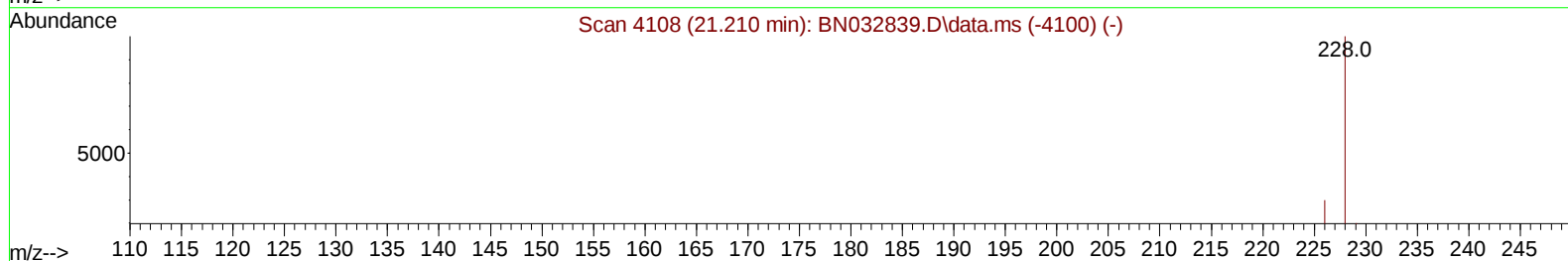
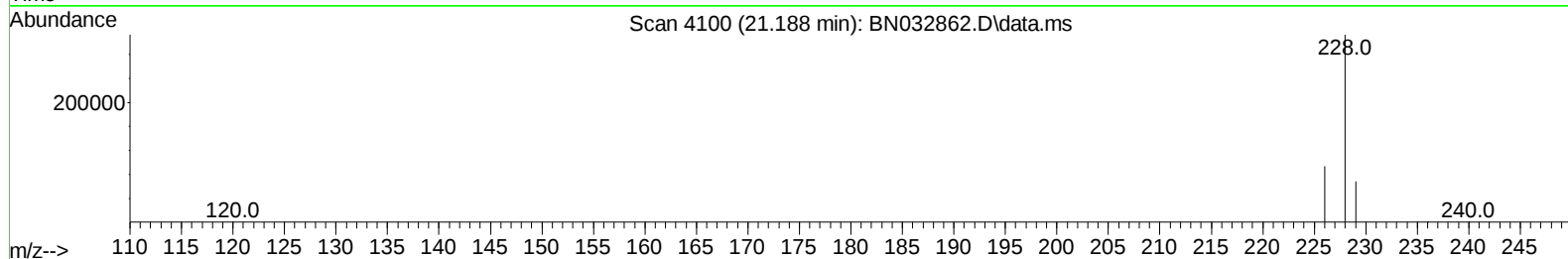
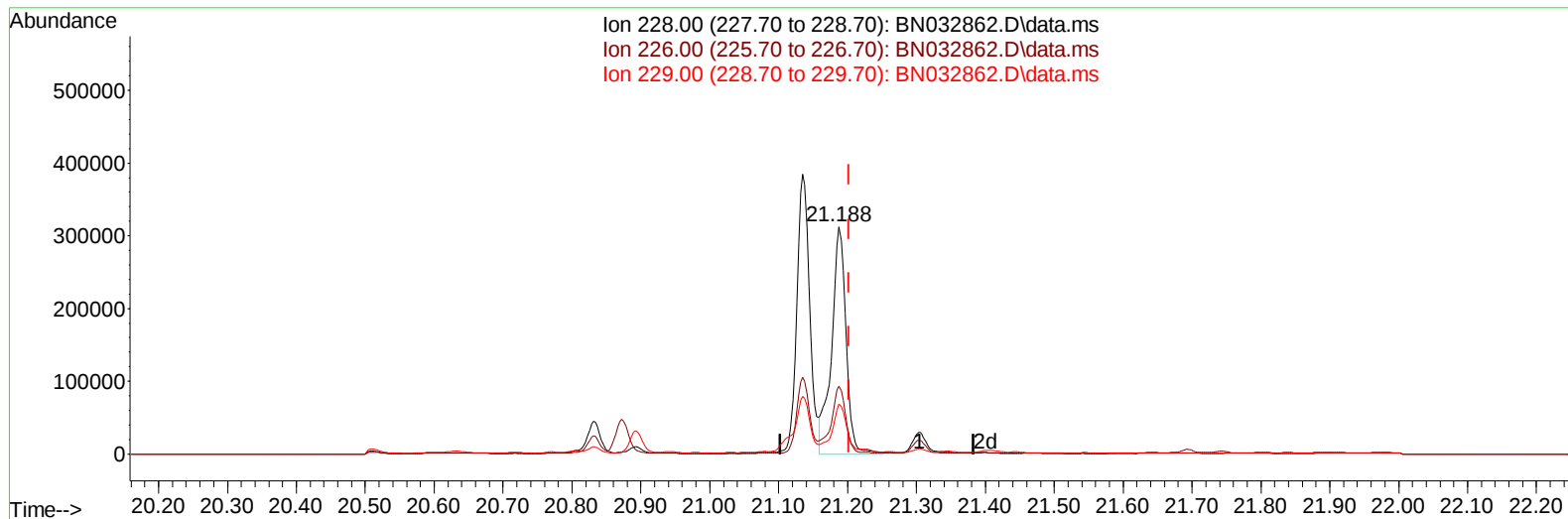
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032862.D
Acq On : 20 Jul 2024 04:26
Operator : MA/JU
Sample : P3178-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY5

Manual IntegrationsAPPROVED

Quant Time: Jul 20 05:01:23 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: BN032862.D\data.ms

(22) Chrysene

21.188min (-0.015) 10.70 ng/ul m

response 457485

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	29.80
229.00	19.70	21.83
0.00	0.00	0.00

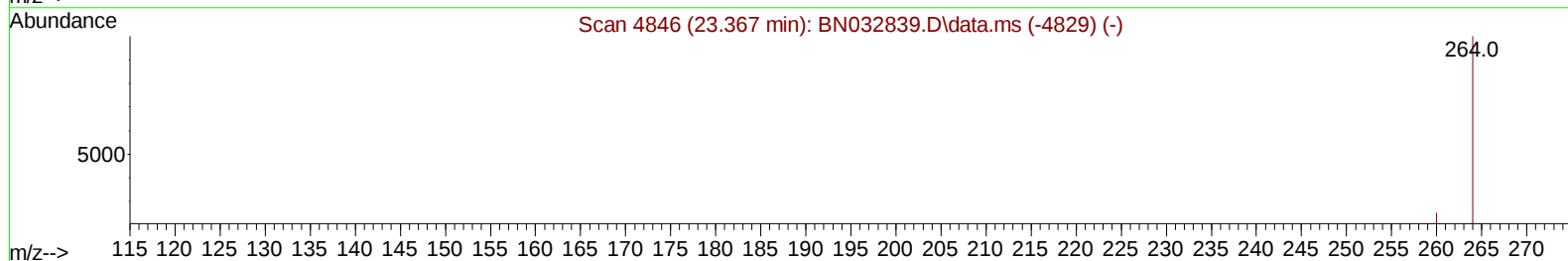
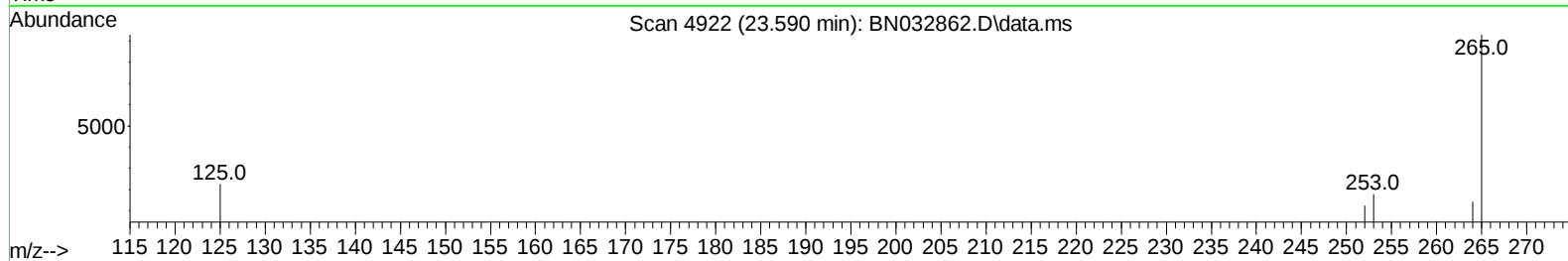
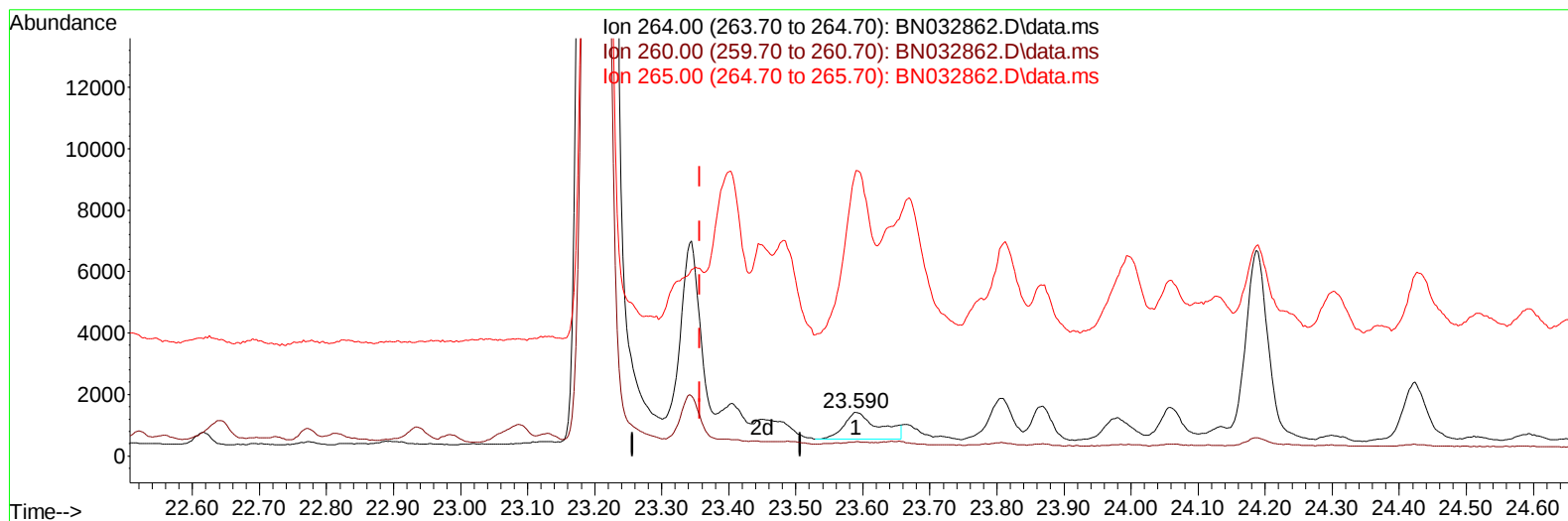
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032862.D
Acq On : 20 Jul 2024 04:26
Operator : MA/JU
Sample : P3178-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY5

Manual IntegrationsAPPROVED

Quant Time: Jul 20 05:01:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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Reviewed By :Yogesh Patel 07/22/2024
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TIC: BN032862.D\data.ms

(23) Perylene-d12 (I)

23.590min (+ 0.233) 0.40 ng/u1

response 3248

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	32.56#
265.00	95.50	656.78#
0.00	0.00	0.00

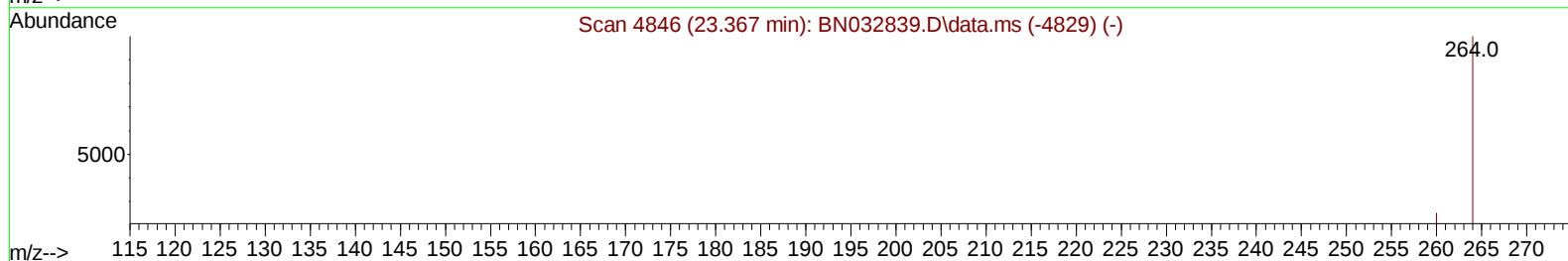
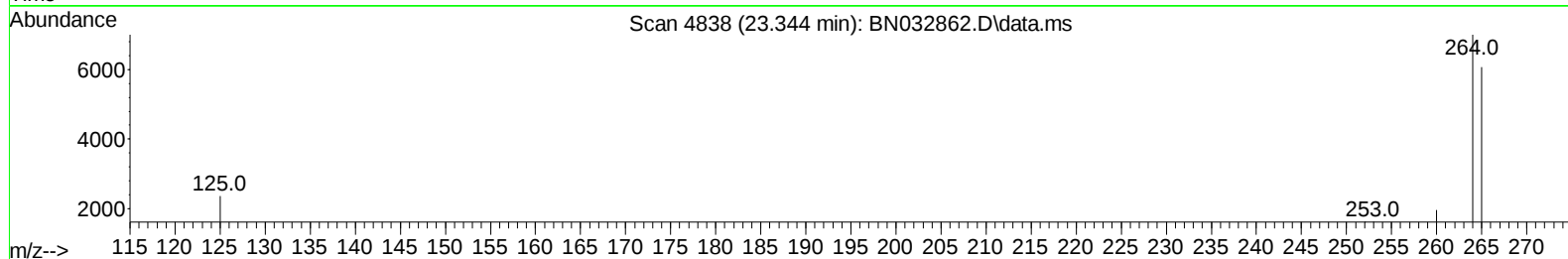
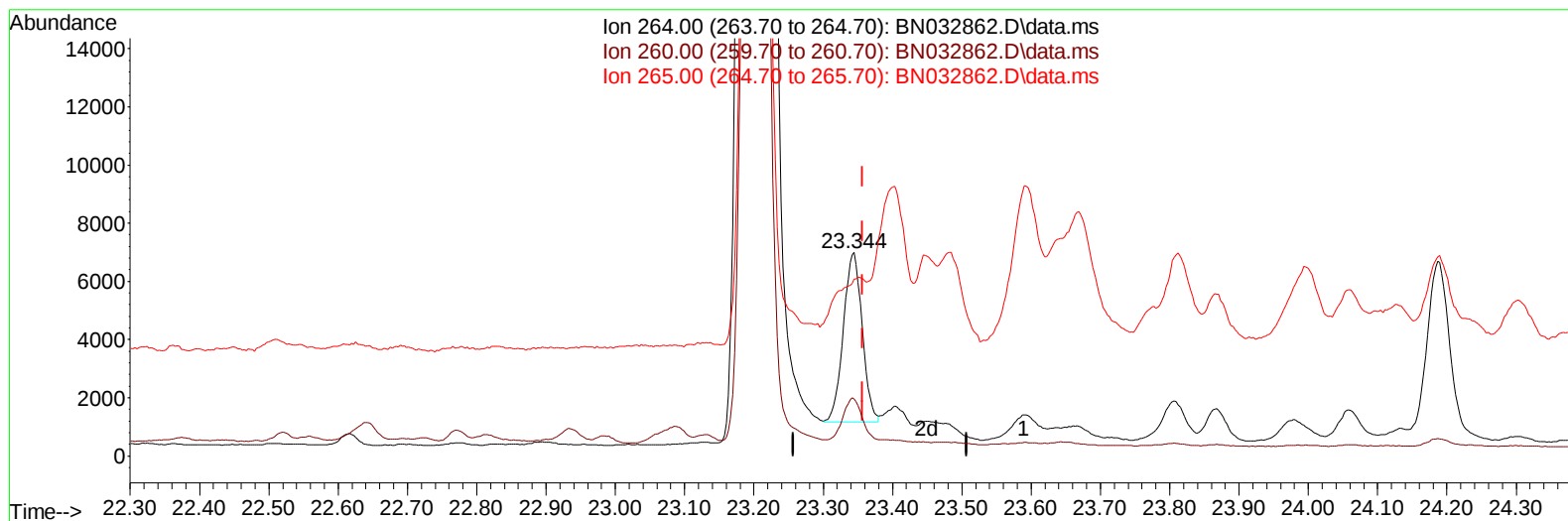
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032862.D
 Acq On : 20 Jul 2024 04:26
 Operator : MA/JU
 Sample : P3178-17
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BY5

Manual IntegrationsAPPROVED

Quant Time: Jul 20 05:01:23 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 :Yogesh Patel 07/22/2024
 Supervised By :mohammad ahmed 07/22/2024



TIC: BN032862.D\data.ms

(23) Perylene-d12 (I)

23.344min (-0.012) 0.40 ng/ul m

response 10969

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	28.07
265.00	95.50	86.84
0.00	0.00	0.00

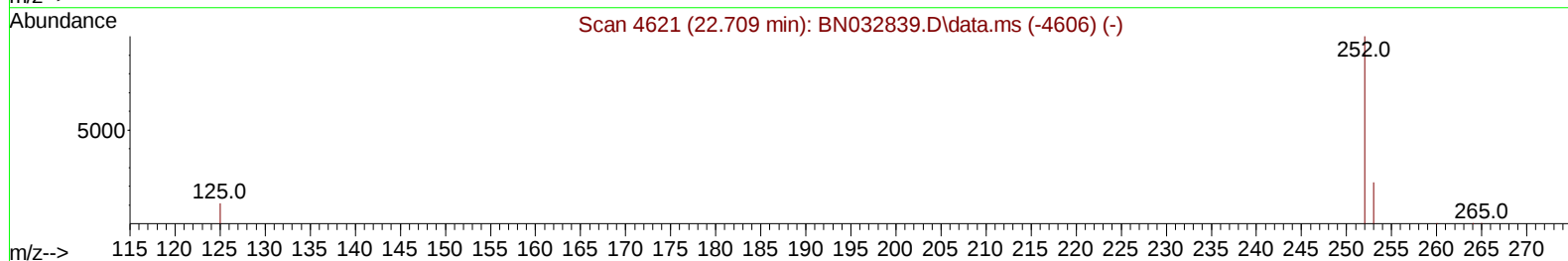
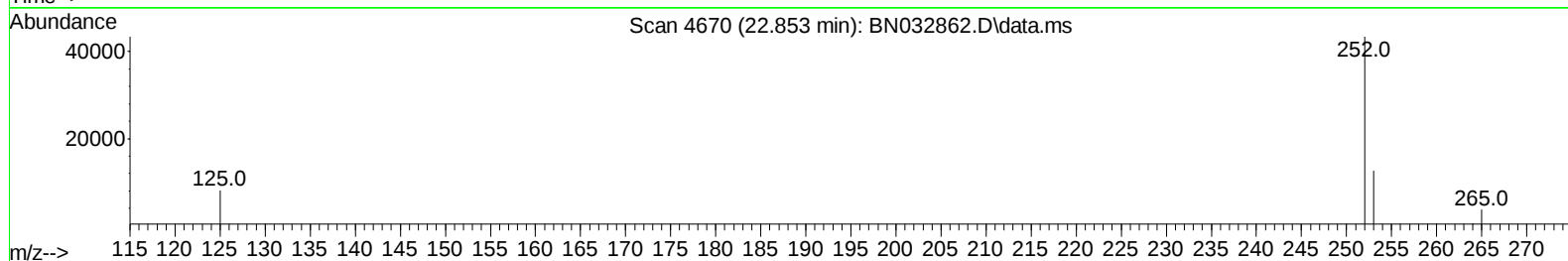
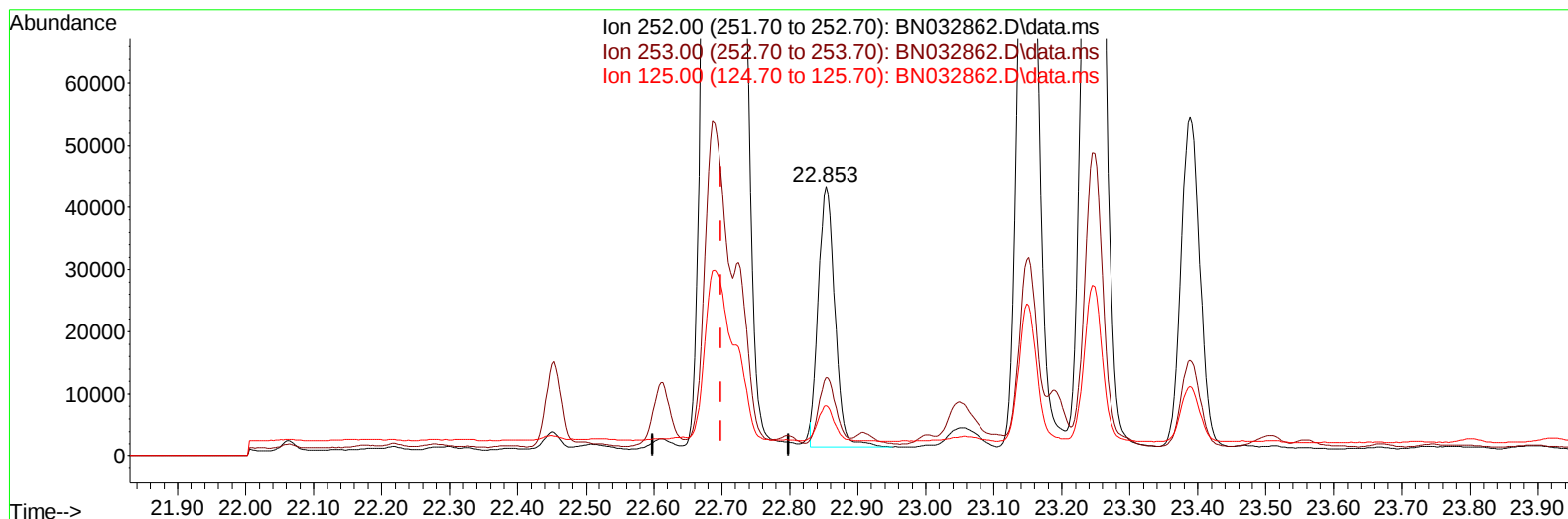
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032862.D
Acq On : 20 Jul 2024 04:26
Operator : MA/JU
Sample : P3178-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY5

Manual IntegrationsAPPROVED

Quant Time: Jul 20 05:01:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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TIC: BN032862.D\data.ms

(24) Benzo(b)fluoranthene

22.853min (+ 0.154) 1.83 ng/u1

response 70885

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	29.15
125.00	18.00	18.72
0.00	0.00	0.00

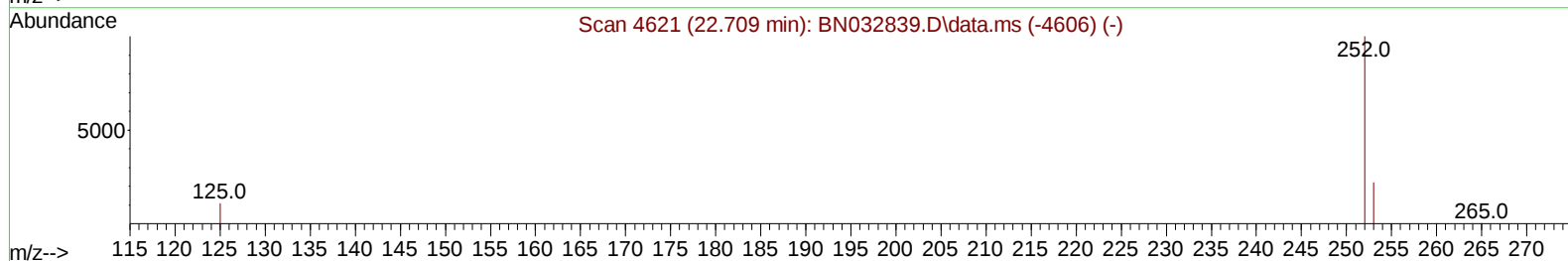
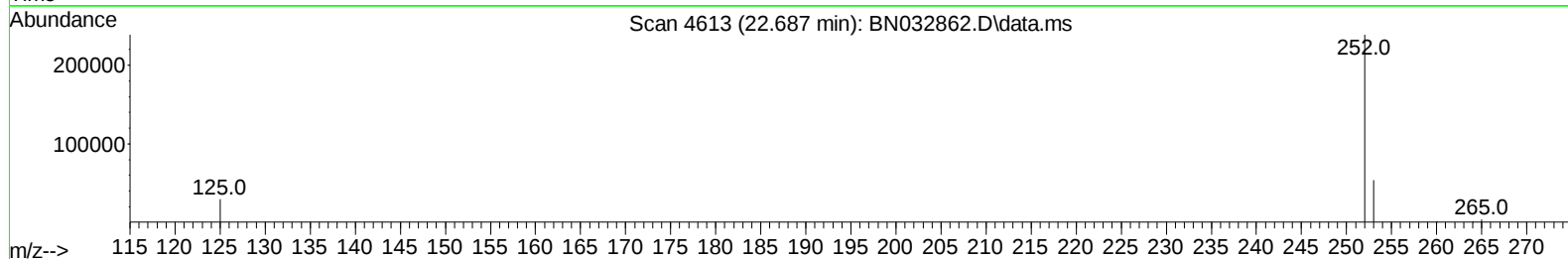
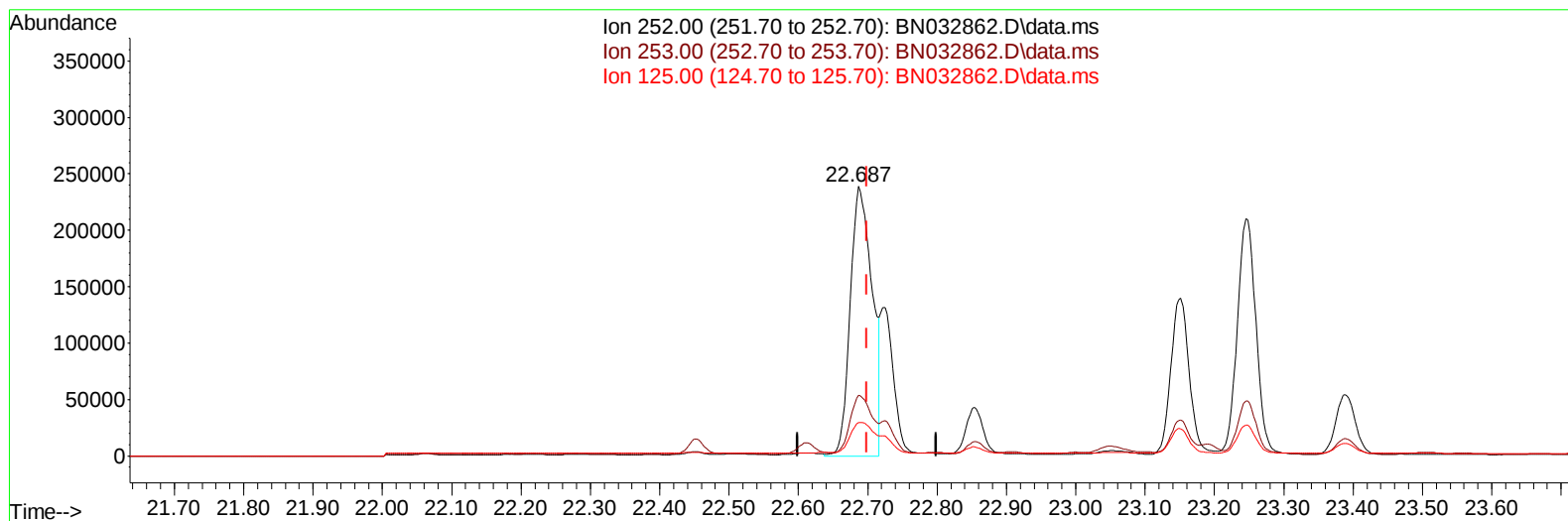
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032862.D
Acq On : 20 Jul 2024 04:26
Operator : MA/JU
Sample : P3178-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY5

Manual IntegrationsAPPROVED

Quant Time: Jul 20 05:01:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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TIC: BN032862.D\data.ms

(24) Benzo(b)fluoranthene

22.687min (-0.012) 13.54 ng/ul m

response 524139

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	22.61
125.00	18.00	12.51
0.00	0.00	0.00

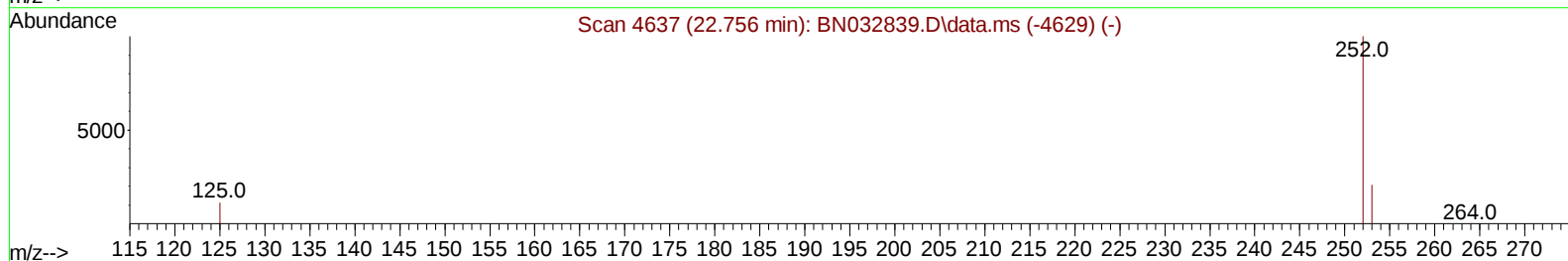
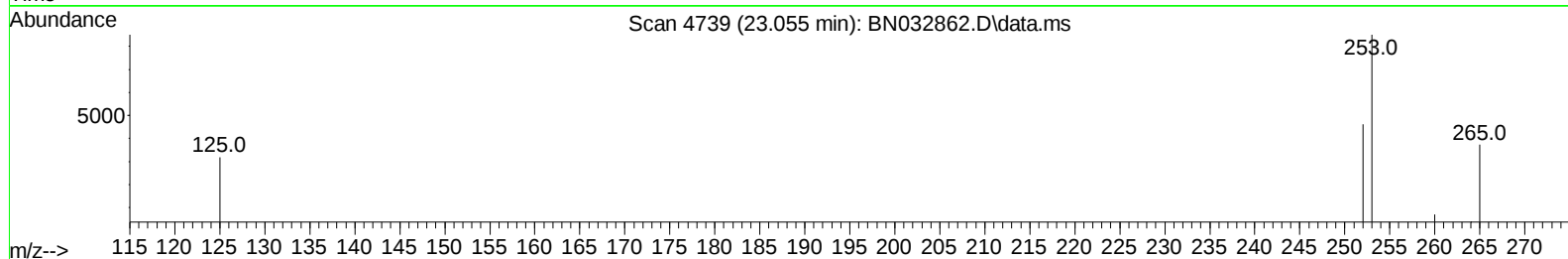
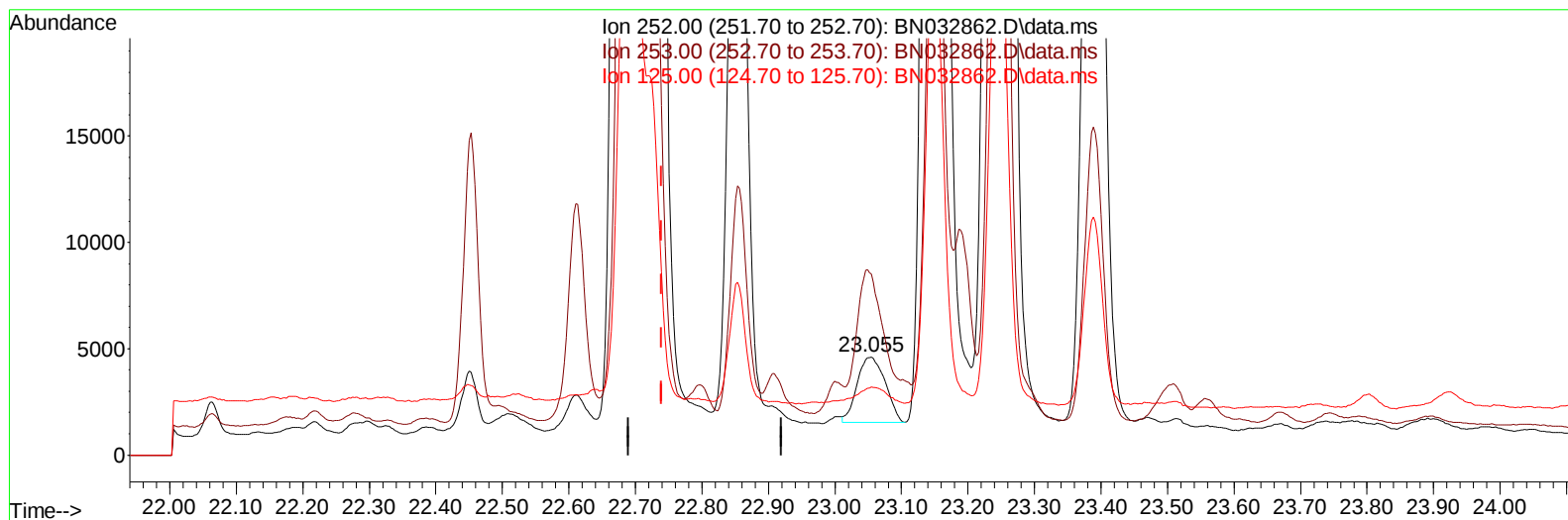
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032862.D
Acq On : 20 Jul 2024 04:26
Operator : MA/JU
Sample : P3178-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY5

Manual IntegrationsAPPROVED

Quant Time: Jul 20 05:01:23 2024
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TIC: BN032862.D\data.ms

(25) Benzo(k)fluoranthene

23.055min (+ 0.315) 0.19 ng/u1

response 9075

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	184.46#
125.00	18.50	69.42#
0.00	0.00	0.00

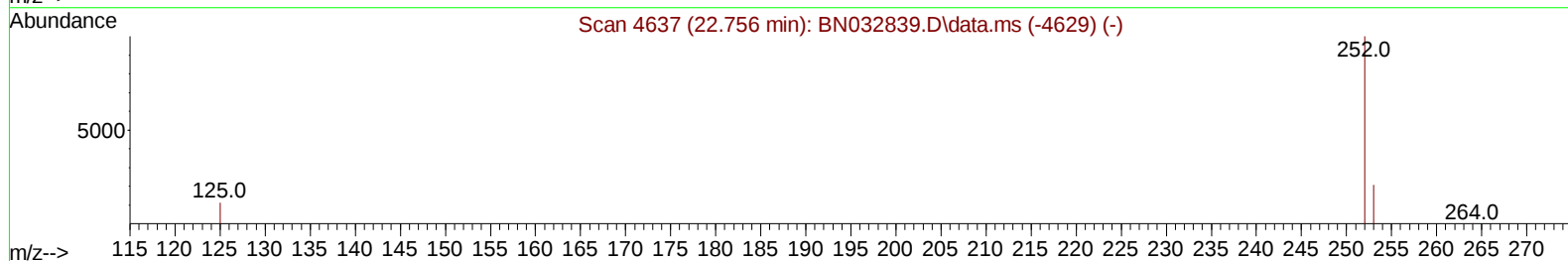
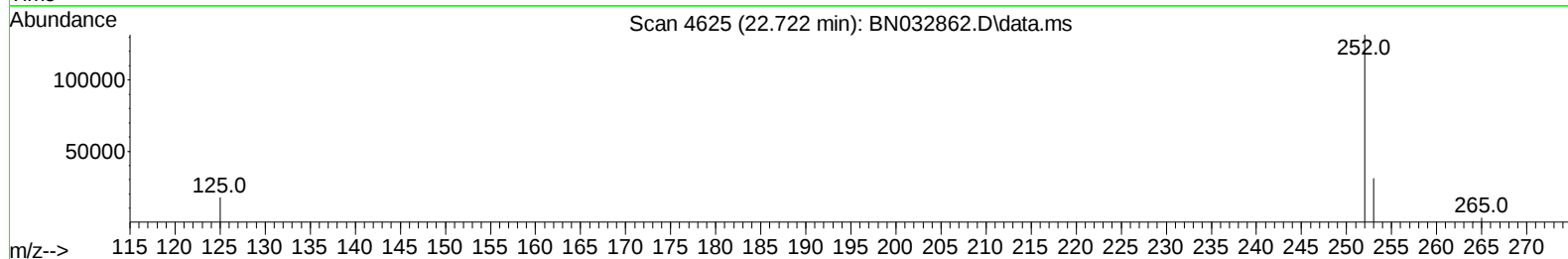
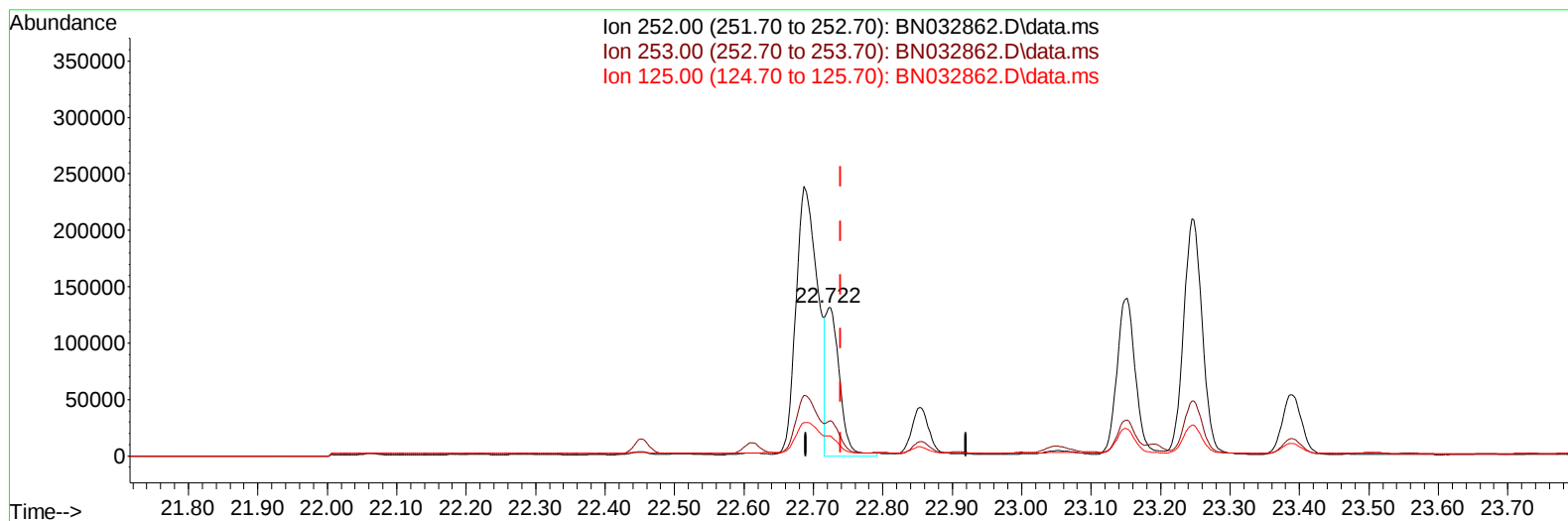
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032862.D
Acq On : 20 Jul 2024 04:26
Operator : MA/JU
Sample : P3178-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY5

Manual IntegrationsAPPROVED

Quant Time: Jul 20 05:01:23 2024
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Supervised By :mohammad ahmed 07/22/2024



TIC: BN032862.D\data.ms

(25) Benzo(k)fluoranthene

22.722min (-0.018) 3.79 ng/u1 m

response 178786

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	23.48
125.00	18.50	13.52#
0.00	0.00	0.00

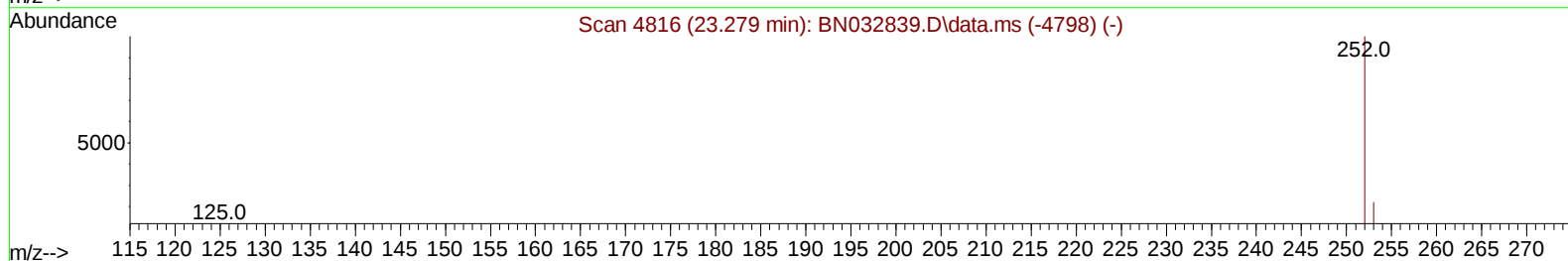
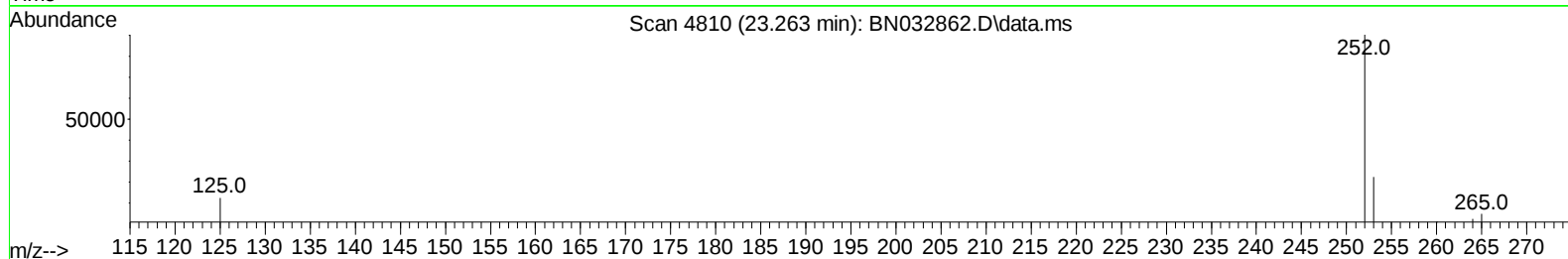
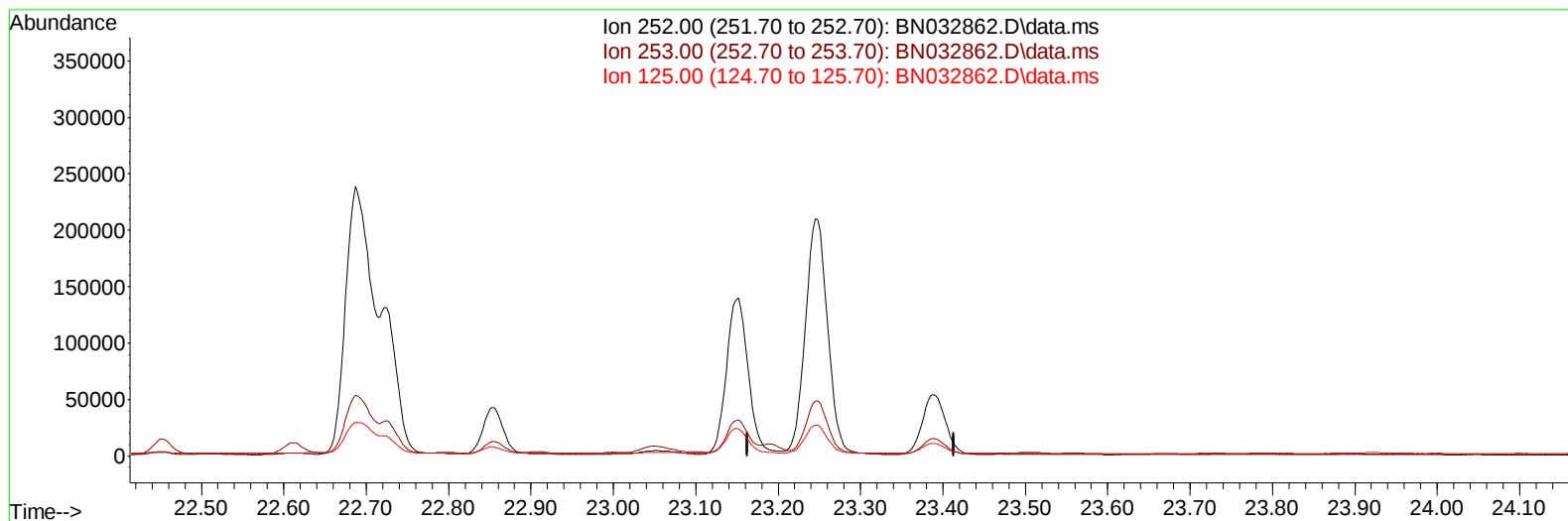
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032862.D
Acq On : 20 Jul 2024 04:26
Operator : MA/JU
Sample : P3178-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY5

Manual IntegrationsAPPROVED

Quant Time: Jul 20 05:01:23 2024
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TIC: BN032862.D\data.ms

(26) Benzo(a)pyrene (C)

23.263min (-23.263) 0.00 ng/u1

response 0

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

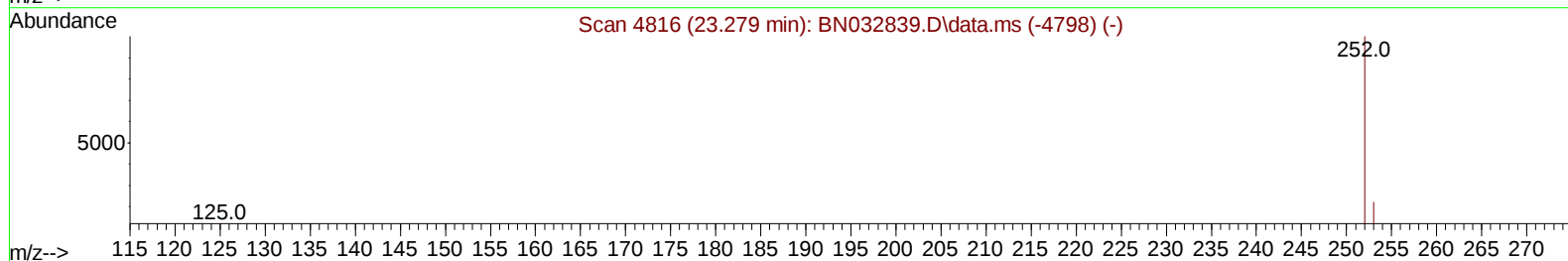
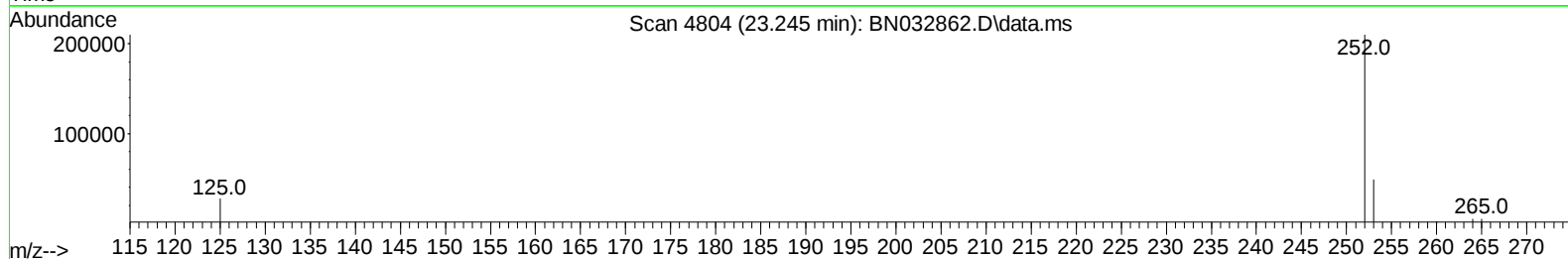
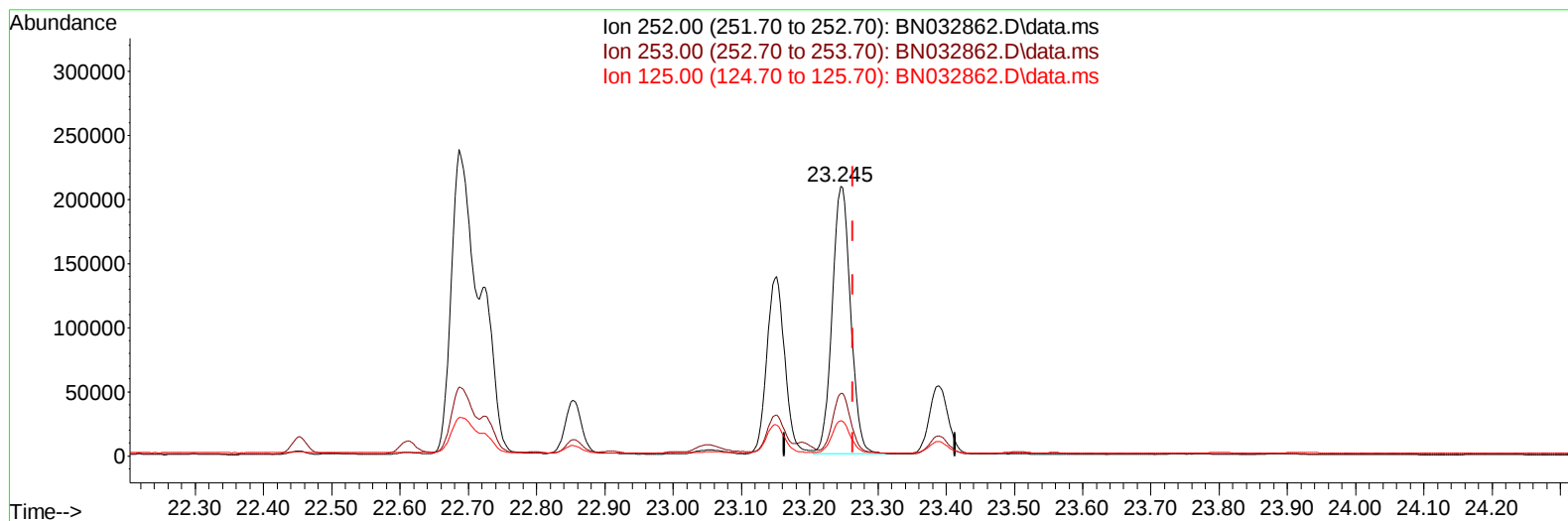
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032862.D
Acq On : 20 Jul 2024 04:26
Operator : MA/JU
Sample : P3178-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY5

Manual IntegrationsAPPROVED

Quant Time: Jul 20 05:01:23 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 :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032862.D\data.ms

(26) Benzo(a)pyrene (C)

23.245min (-0.018) 11.68 ng/ul m

response 391247

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	23.23#
125.00	25.70	13.09#
0.00	0.00	0.00

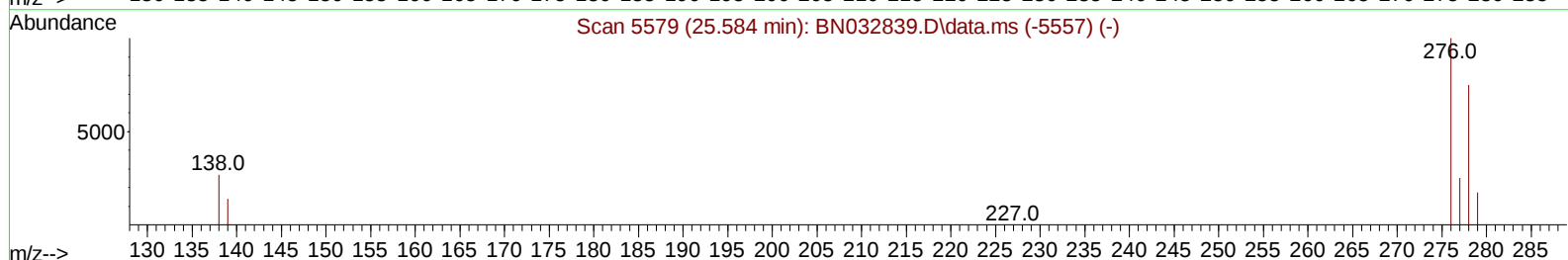
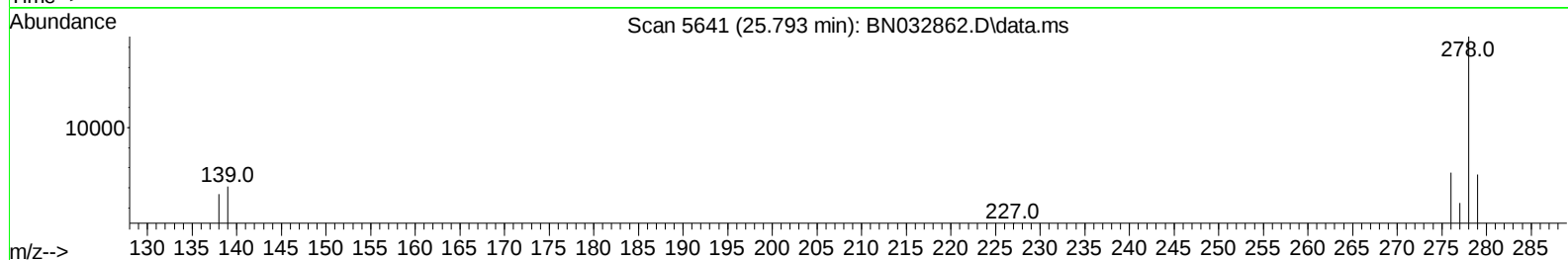
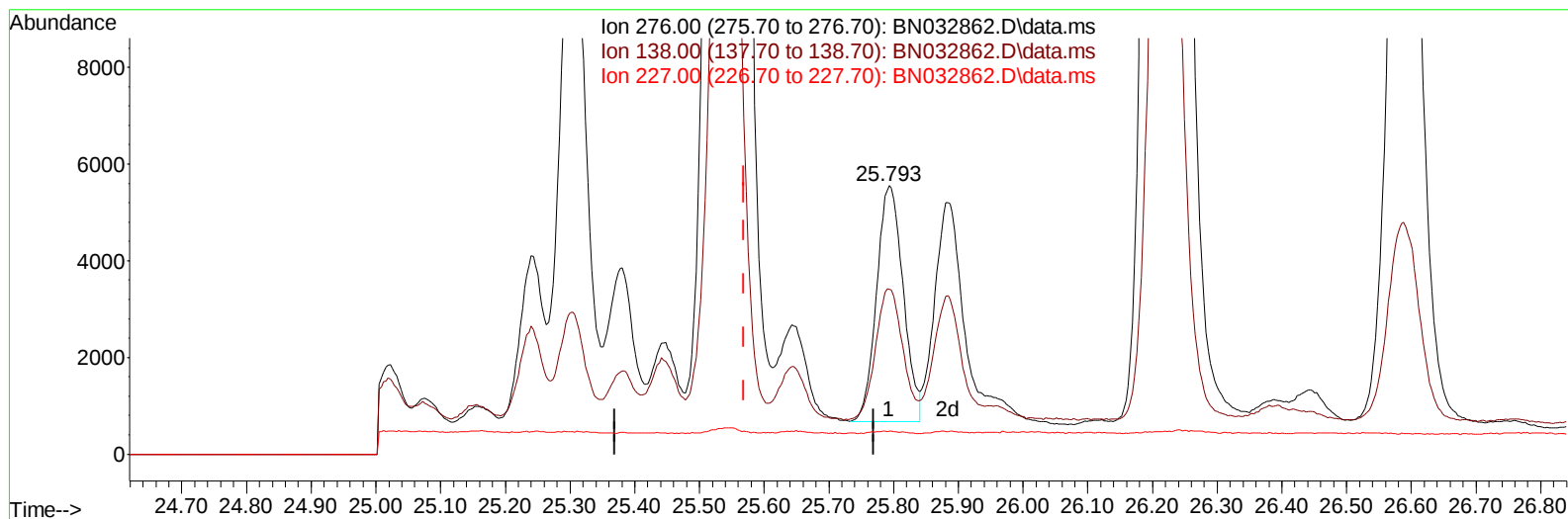
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032862.D
 Acq On : 20 Jul 2024 04:26
 Operator : MA/JU
 Sample : P3178-17
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BY5

Manual IntegrationsAPPROVED

Quant Time: Jul 20 05:01:23 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 :Yogesh Patel 07/22/2024
 Supervised By :mohammad ahmed 07/22/2024



TIC: BN032862.D\data.ms

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

25.793min (+ 0.224) 0.31 ng/u1

response 13921

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	57.34#
227.00	0.00	1.13#
0.00	0.00	0.00

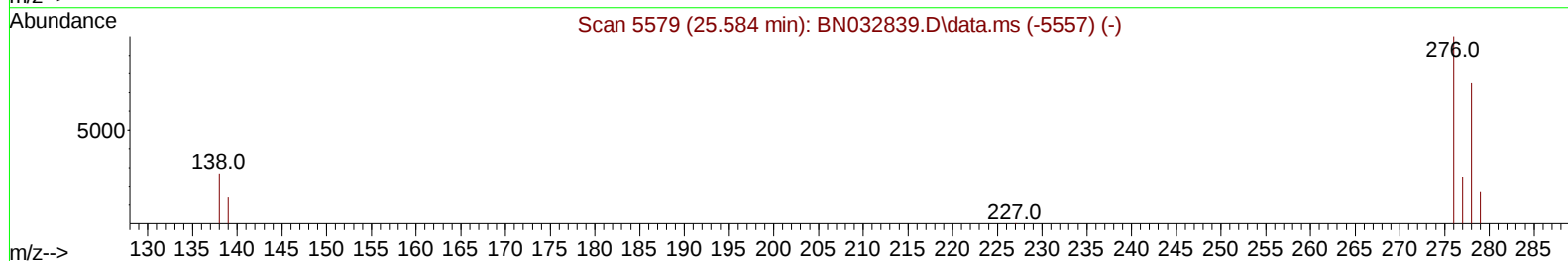
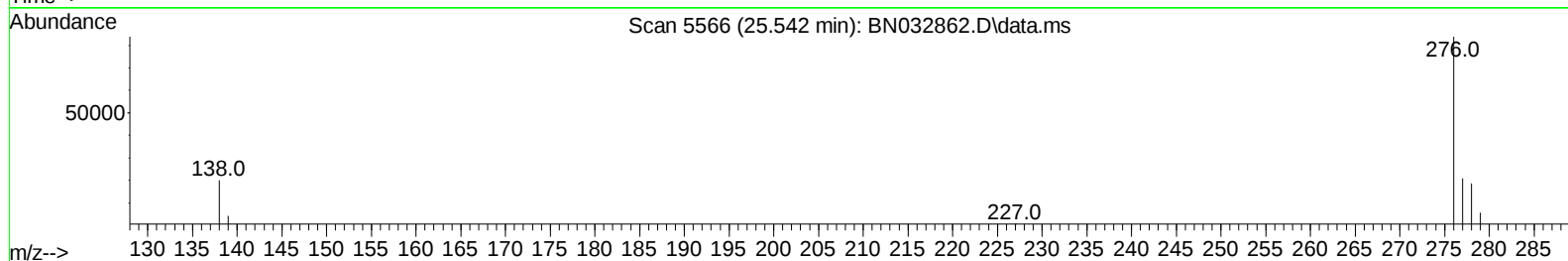
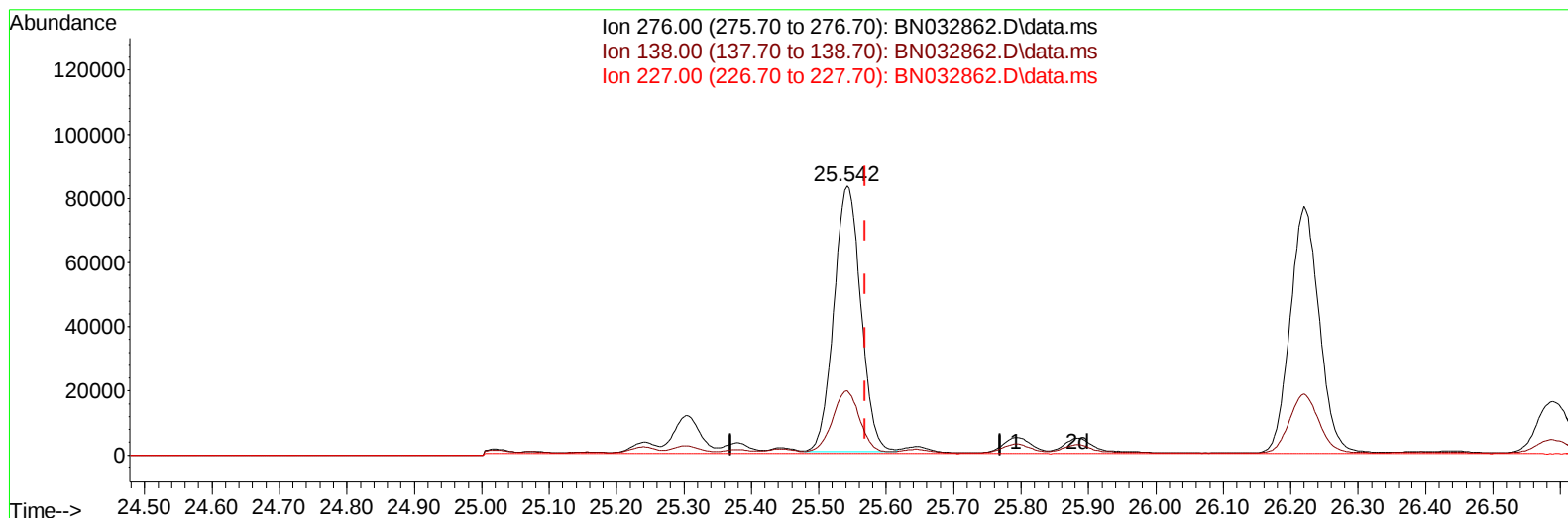
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032862.D
Acq On : 20 Jul 2024 04:26
Operator : MA/JU
Sample : P3178-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY5

Manual IntegrationsAPPROVED

Quant Time: Jul 20 05:01:23 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 :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032862.D\data.ms

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

25.542min (-0.027) 5.04 ng/u1 m

response 228507

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	3.49#
227.00	0.00	0.07#
0.00	0.00	0.00

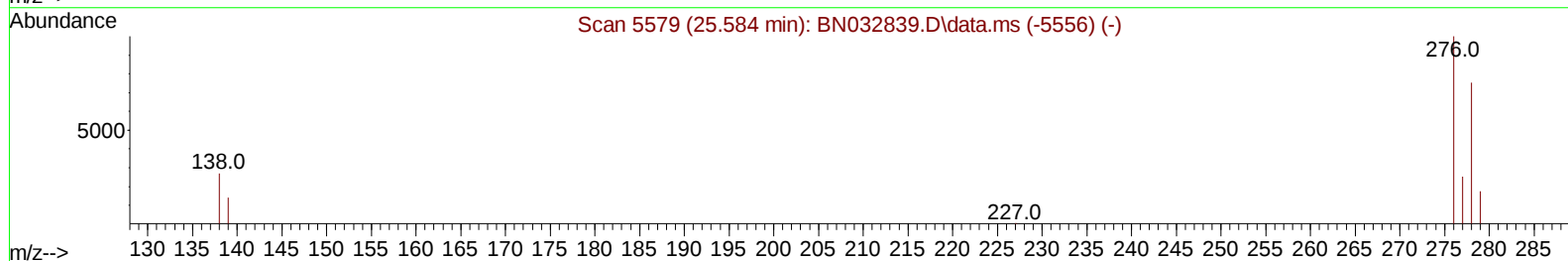
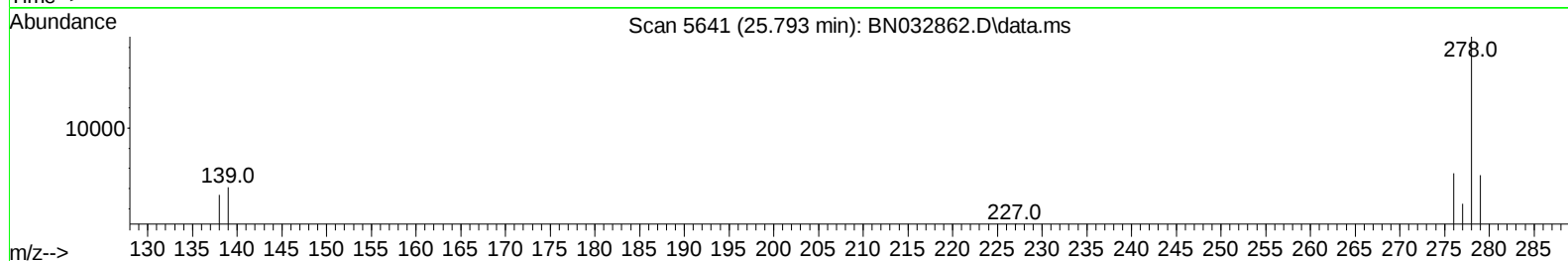
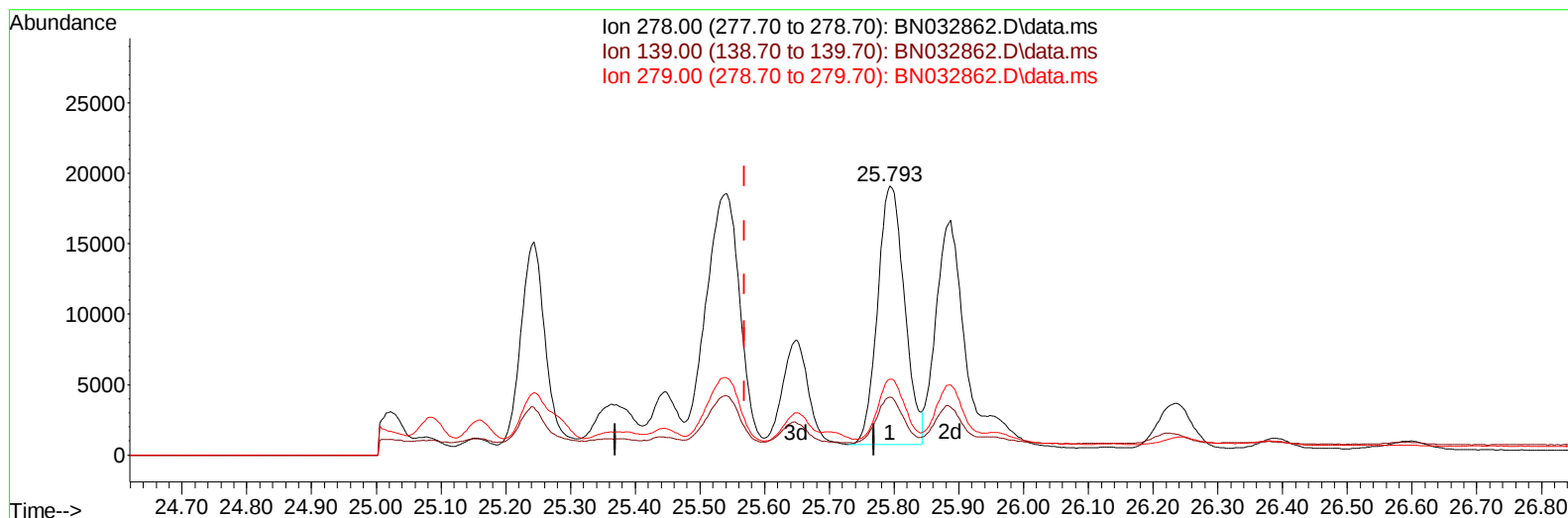
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032862.D
Acq On : 20 Jul 2024 04:26
Operator : MA/JU
Sample : P3178-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY5

Manual IntegrationsAPPROVED

Quant Time: Jul 20 05:01:23 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 :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032862.D\data.ms

(28) Dibenzo(a,h)anthracene

25.793min (+ 0.224) 1.51 ng/u1

response 52968

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	21.56
279.00	29.60	28.09
0.00	0.00	0.00

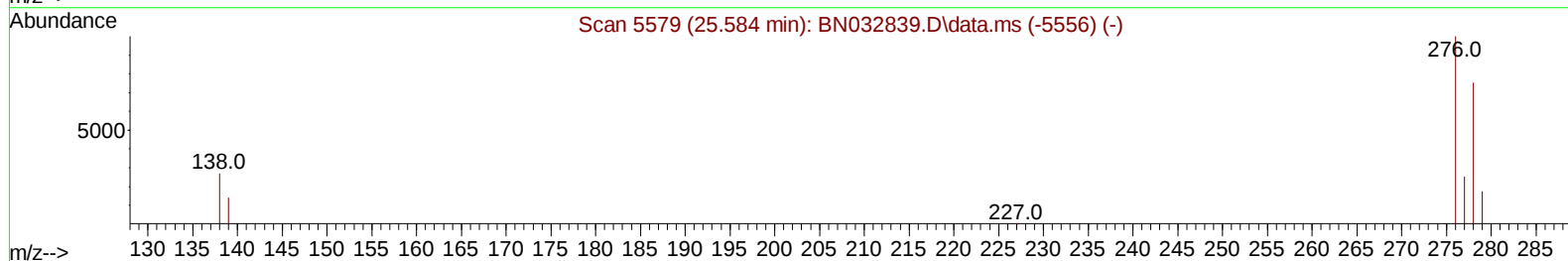
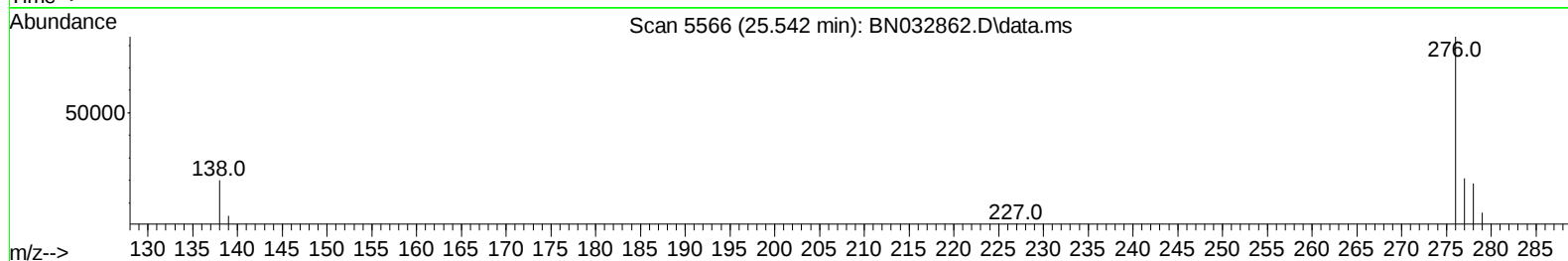
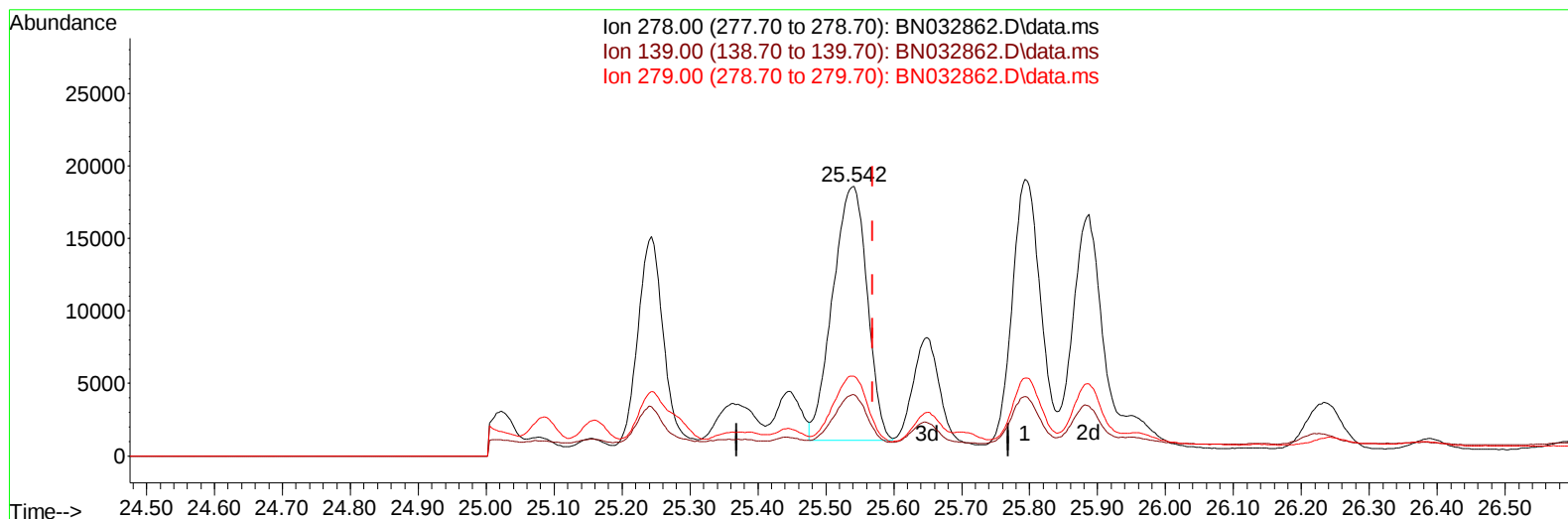
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032862.D
Acq On : 20 Jul 2024 04:26
Operator : MA/JU
Sample : P3178-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY5

Manual IntegrationsAPPROVED

Quant Time: Jul 20 05:01:23 2024
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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 07/22/2024



TIC: BN032862.D\data.ms

(28) Dibenzo(a,h)anthracene

25.542min (-0.027) 1.75 ng/u1 m

response 61662

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	22.77
279.00	29.60	29.55
0.00	0.00	0.00

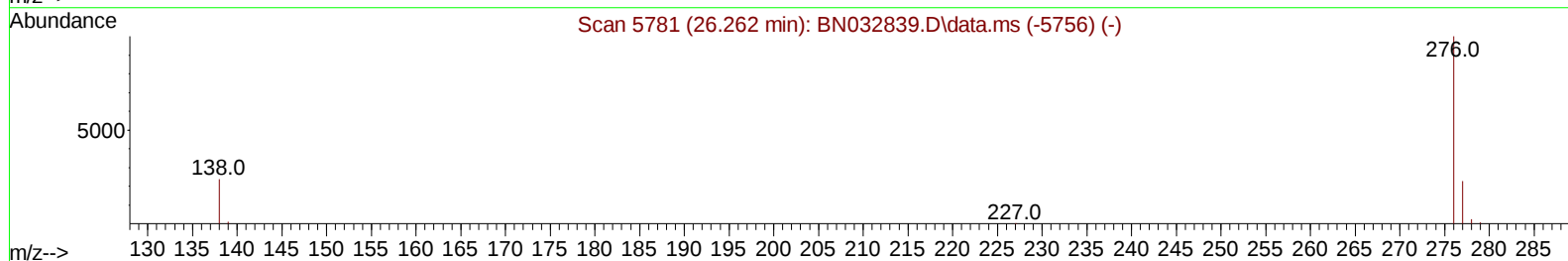
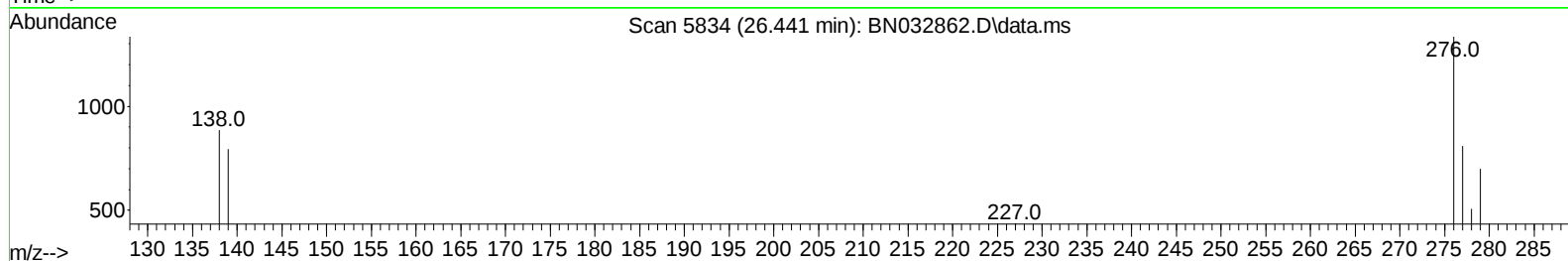
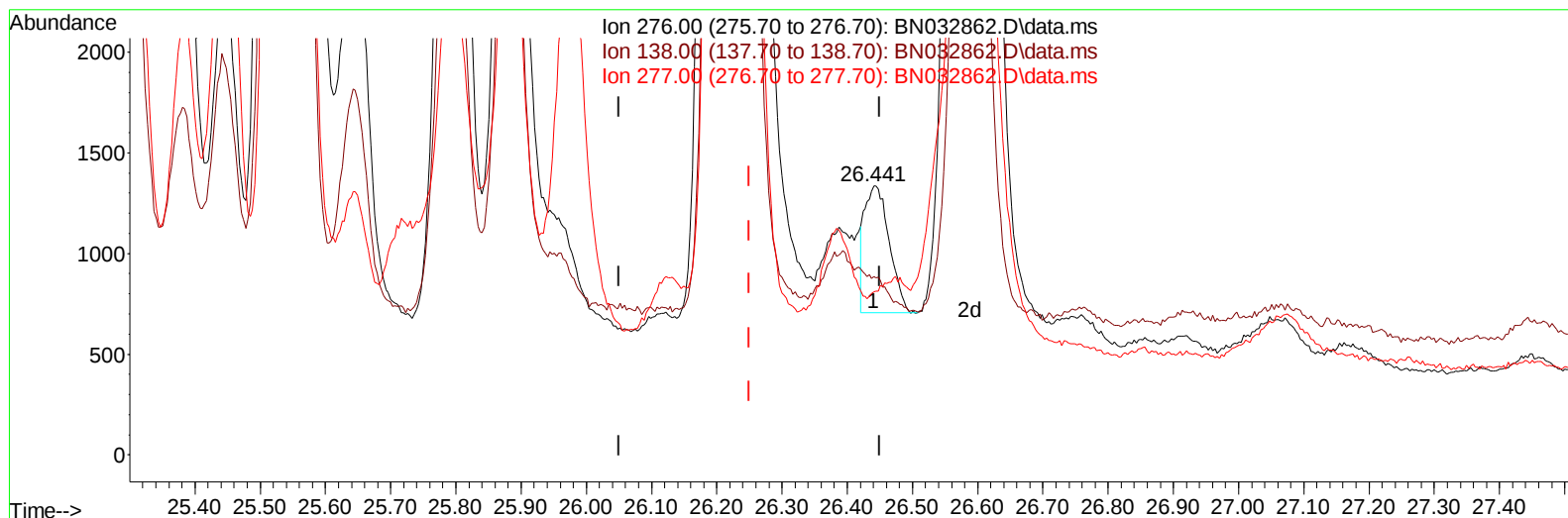
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032862.D
Acq On : 20 Jul 2024 04:26
Operator : MA/JU
Sample : P3178-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY5

Manual IntegrationsAPPROVED

Quant Time: Jul 20 05:01:23 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 :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032862.D\data.ms

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

26.441min (+ 0.191) 0.04 ng/u1

response 1647

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	66.29#
277.00	25.80	60.60#
0.00	0.00	0.00

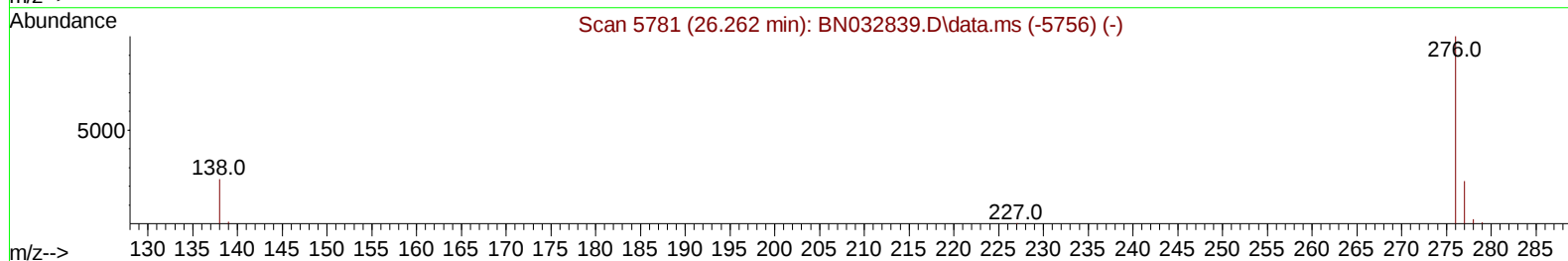
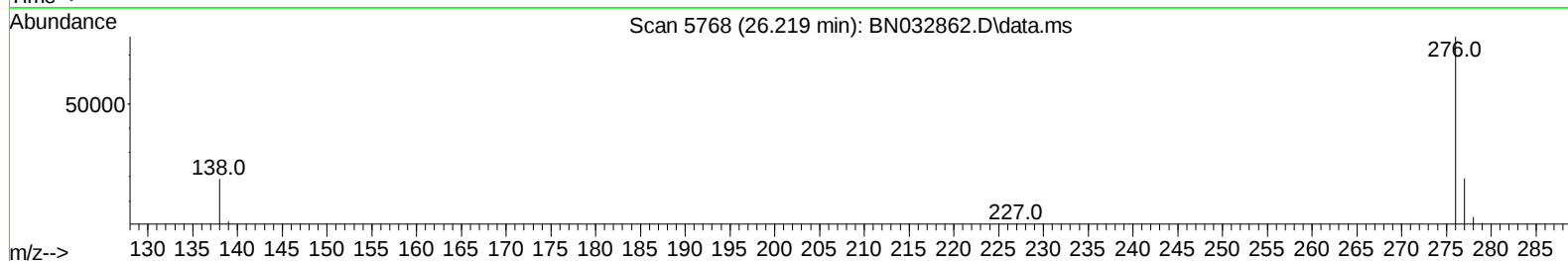
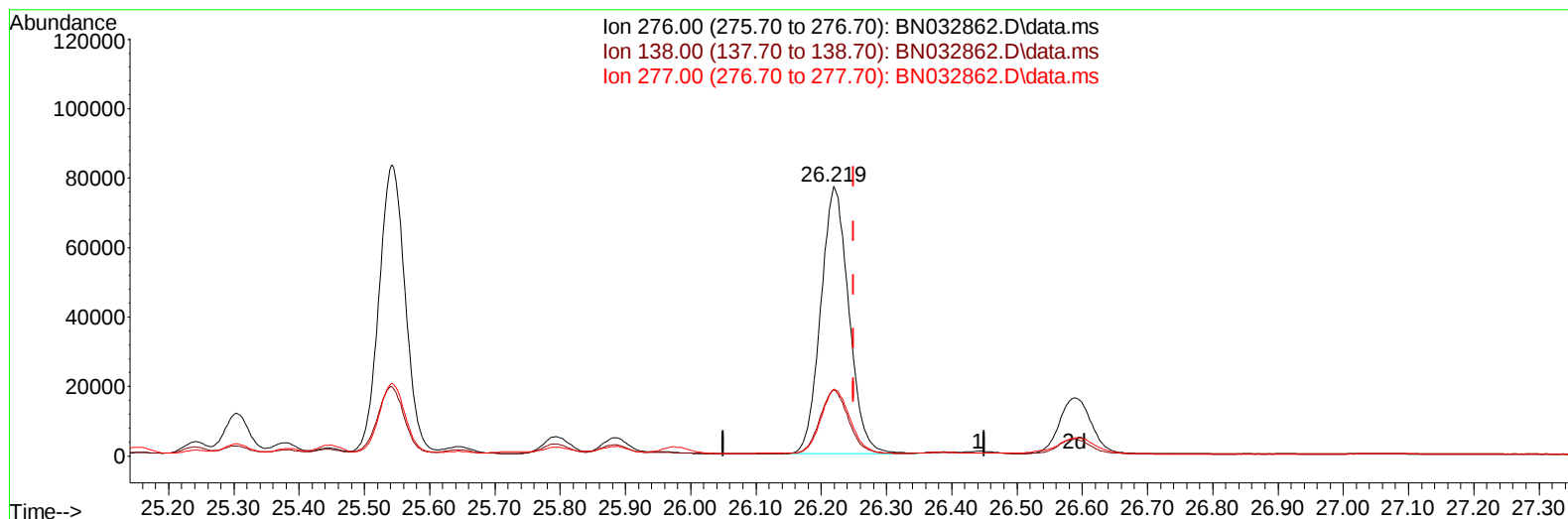
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032862.D
Acq On : 20 Jul 2024 04:26
Operator : MA/JU
Sample : P3178-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BY5

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032862.D\data.ms

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

26.219min (-0.031) 6.08 ng/u1 m

response 230321

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	24.51
277.00	25.80	24.88
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032862.D
 Acq On : 20 Jul 2024 04:26
 Operator : MA/JU
 Sample : P3178-17
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BY5

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/22/2024
 Supervised By :mohammad ahmed 07/22/2024

Quant Time: Jul 20 05:01:23 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.527	152	4095	0.400	ng/ul	0.00
4) Naphthalene-d8	10.293	136	13295	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.179	164	7809	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.940	188	12636m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.153	240	9287m	0.400	ng/ul	-0.01
23) Perylene-d12	23.344	264	10969m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.088	96	14022	2.852	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.899	152	4772	0.237	ng/ul	-0.03
18) Fluoranthene-d10	18.980	212	7640m	0.252	ng/ul	-0.02
Target Compounds						
						Qvalue
5) Naphthalene	10.343	128	104495	2.927	ng/ul	97
7) 2-Methylnaphthalene	11.971	142	33560	1.506	ng/ul	97
8) 1-Methylnaphthalene	12.196	142	27241	1.182	ng/ul	99
10) Acenaphthylene	13.896	152	16400	0.520	ng/ul#	93
11) Acenaphthene	14.239	153	91225	3.496	ng/ul	98
12) Fluorene	15.238	166	85000	2.850	ng/ul	99
15) Phenanthrene	16.982	178	1251137m	36.356	ng/ul	
16) Anthracene	17.070	178	268544m	9.552	ng/ul	
19) Fluoranthene	19.012	202	1217970m	32.256	ng/ul	
20) Pyrene	19.380	202	1096501m	28.055	ng/ul	
21) Benzo(a)anthracene	21.135	228	504682m	17.072	ng/ul	
22) Chrysene	21.188	228	457485m	10.698	ng/ul	
24) Benzo(b)fluoranthene	22.687	252	524139m	13.543	ng/ul	
25) Benzo(k)fluoranthene	22.722	252	178786m	3.791	ng/ul	
26) Benzo(a)pyrene	23.245	252	391247m	11.681	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.542	276	228507m	5.039	ng/ul	
28) Dibenzo(a,h)anthracene	25.542	278	61662m	1.754	ng/ul	
29) Benzo(g,h,i)perylene	26.219	276	230321m	6.077	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
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