

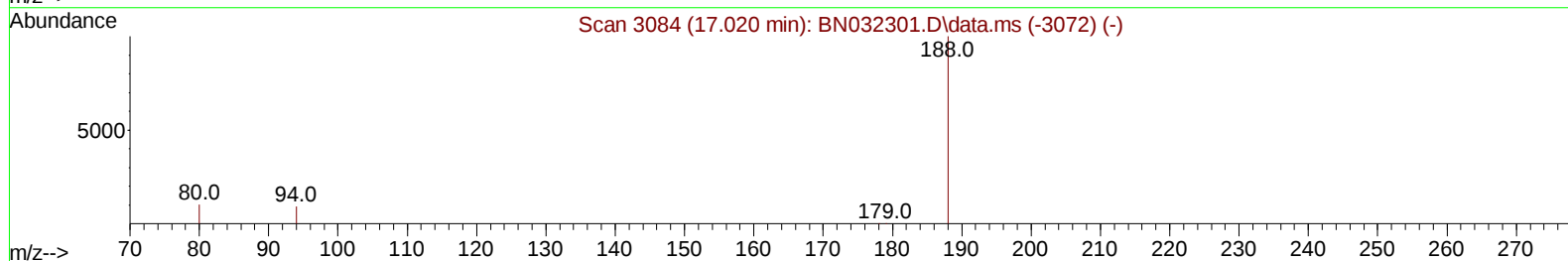
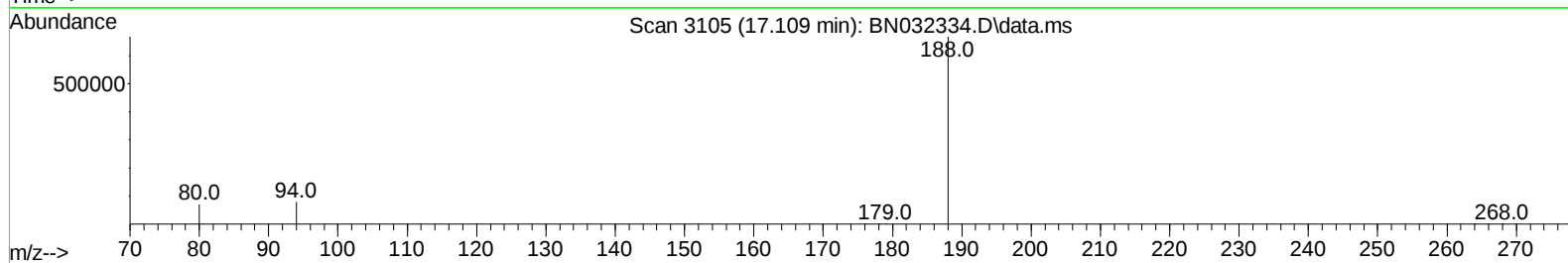
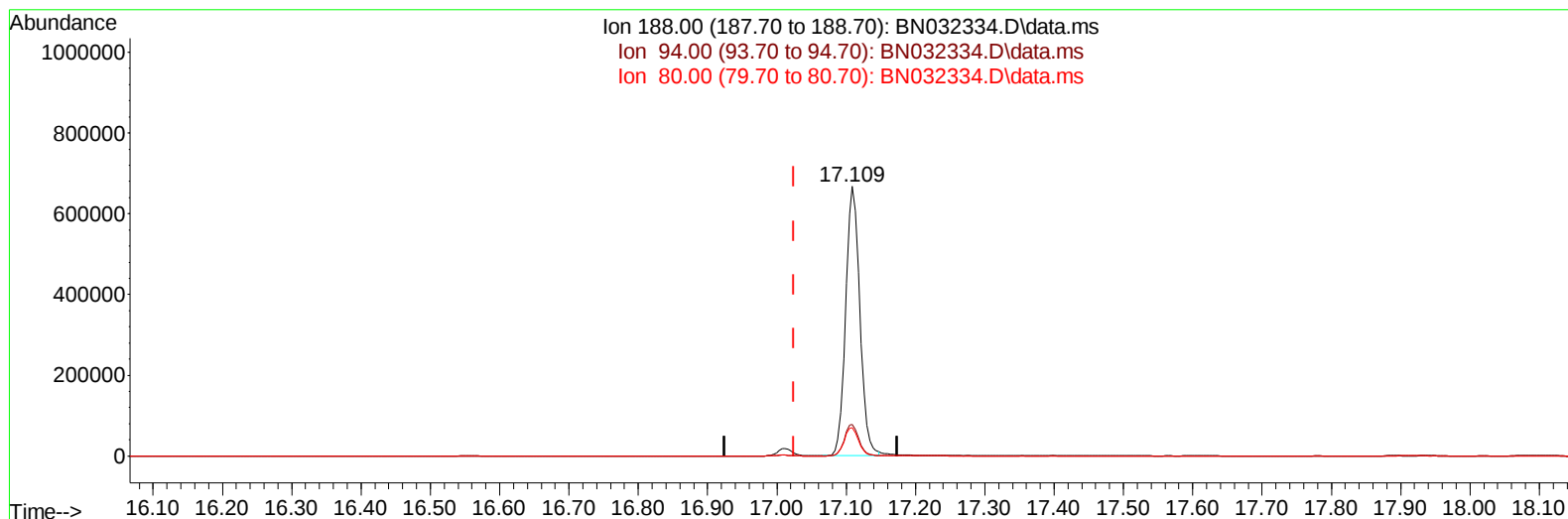
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032334.D
Acq On : 29 Jun 2024 03:52
Operator : MA/JU
Sample : P2934-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B61

Manual IntegrationsAPPROVED

Quant Time: Jun 29 04:41:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032334.D\data.ms

(13) Phenanthrene-d10 (I)

17.109min (+ 0.084) 0.40 ng/u1

response 949107

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.73
80.00	10.50	10.44
0.00	0.00	0.00

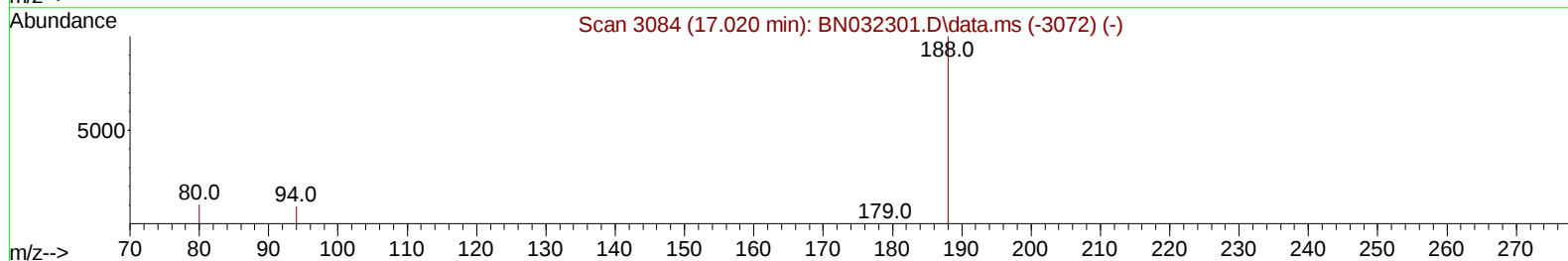
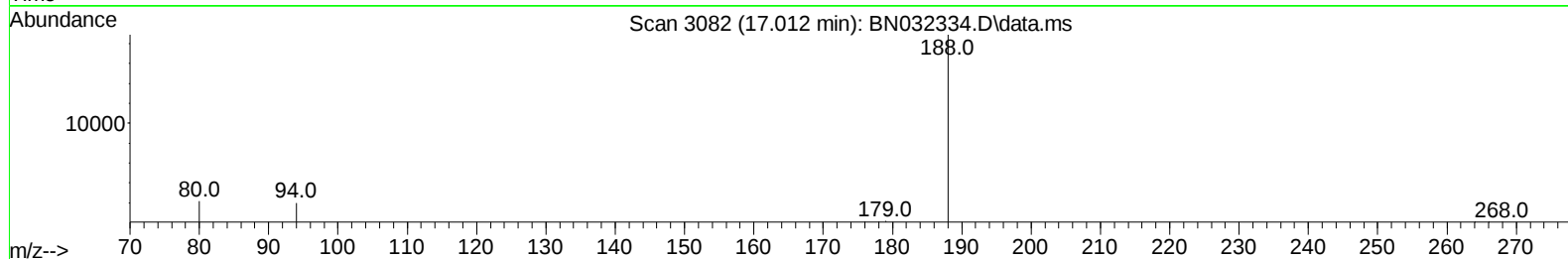
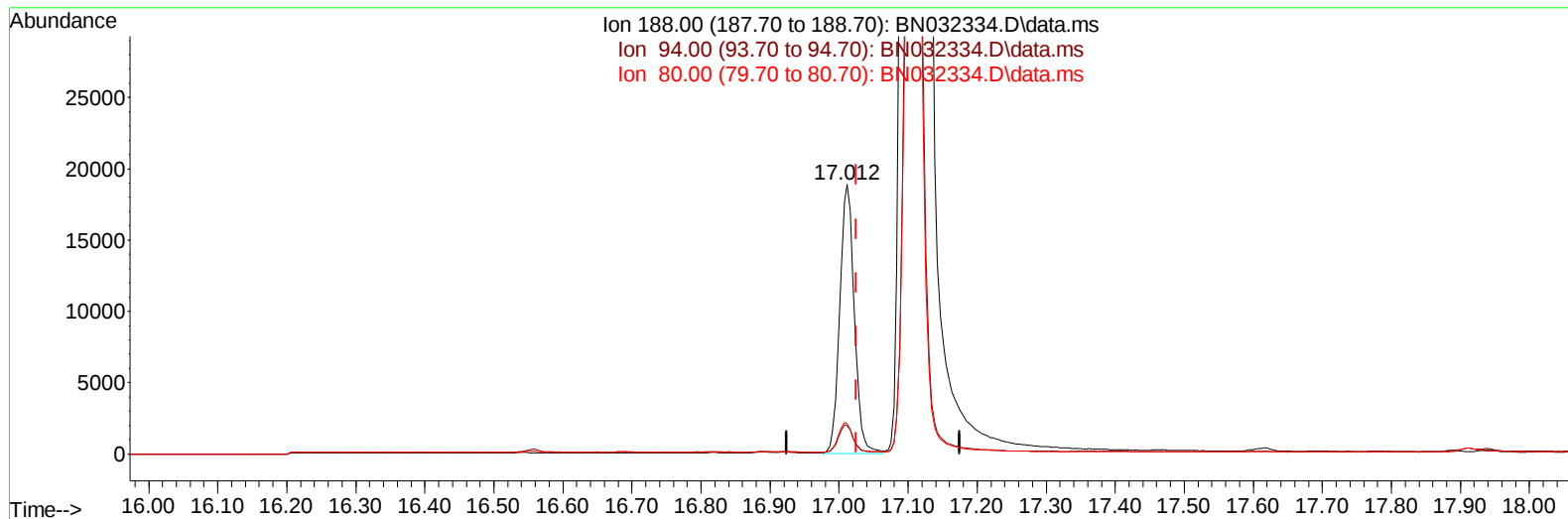
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032334.D
Acq On : 29 Jun 2024 03:52
Operator : MA/JU
Sample : P2934-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B61

Manual IntegrationsAPPROVED

Quant Time: Jun 29 04:41:47 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
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Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032334.D\data.ms

(13) Phenanthrene-d10 (I)

17.012min (-0.013) 0.40 ng/u1 m

response 27543

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	10.55
80.00	10.50	11.33
0.00	0.00	0.00

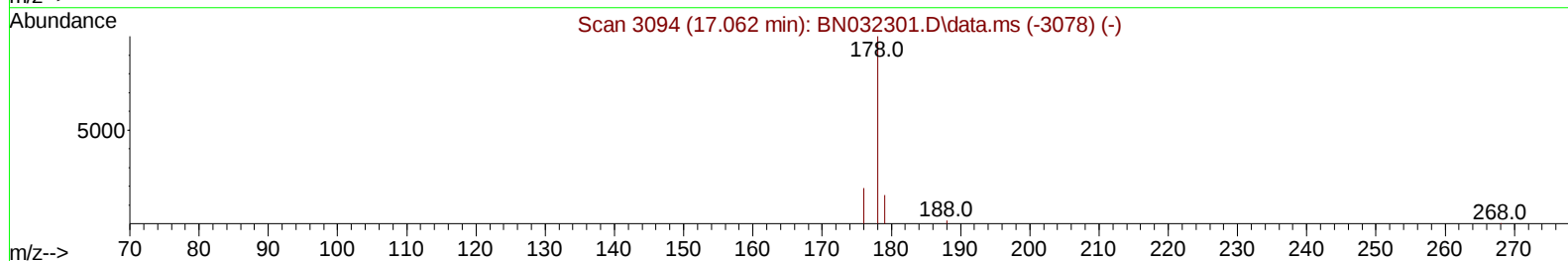
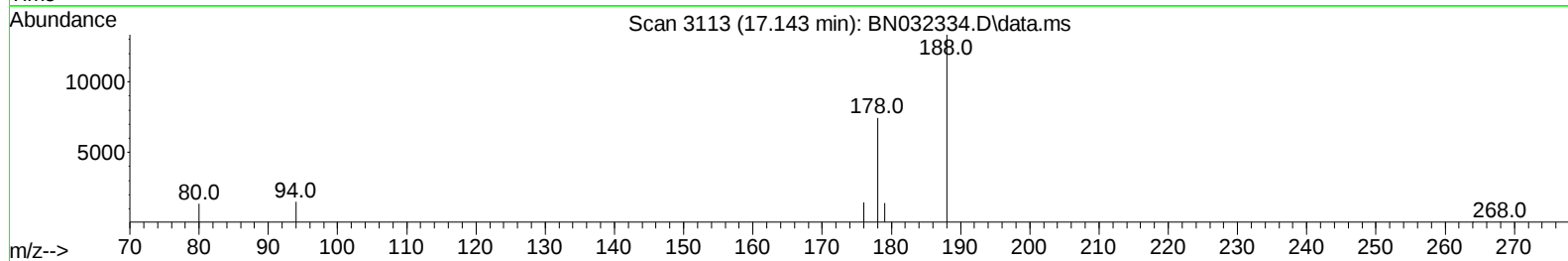
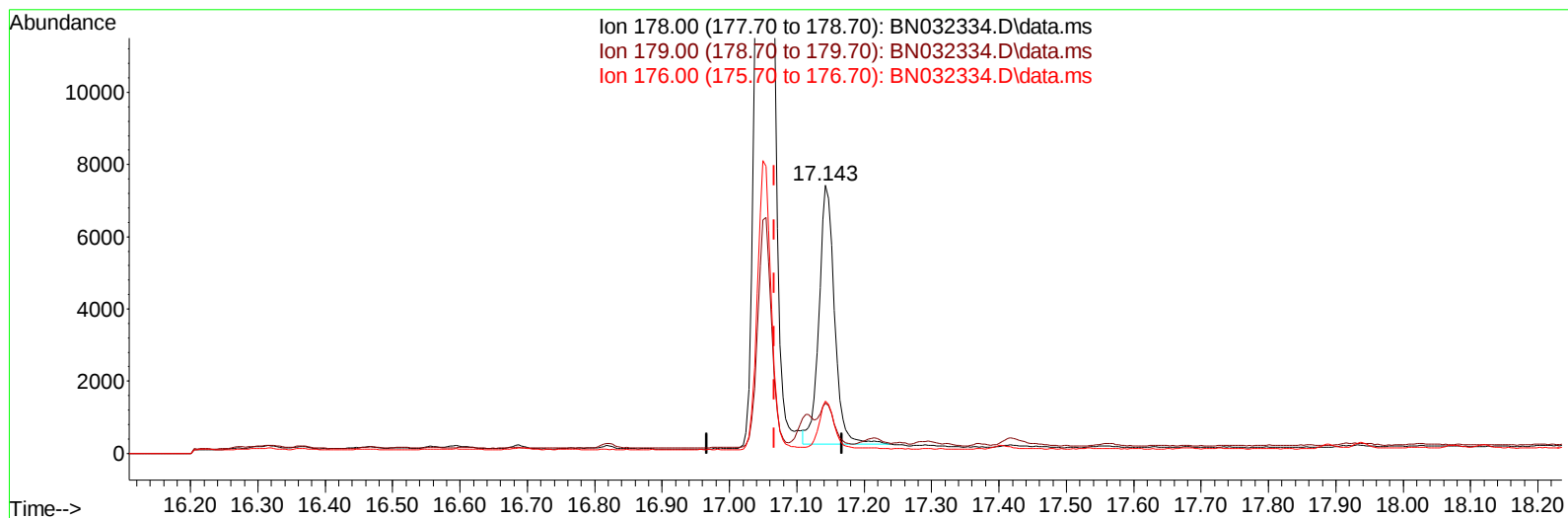
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032334.D
Acq On : 29 Jun 2024 03:52
Operator : MA/JU
Sample : P2934-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B61

Manual IntegrationsAPPROVED

Quant Time: Jun 29 04:41:47 2024
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TIC: BN032334.D\data.ms

(15) Phenanthrene

17.143min (+ 0.076) 0.15 ng/u1

response 11346

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	18.84
176.00	19.50	19.42
0.00	0.00	0.00

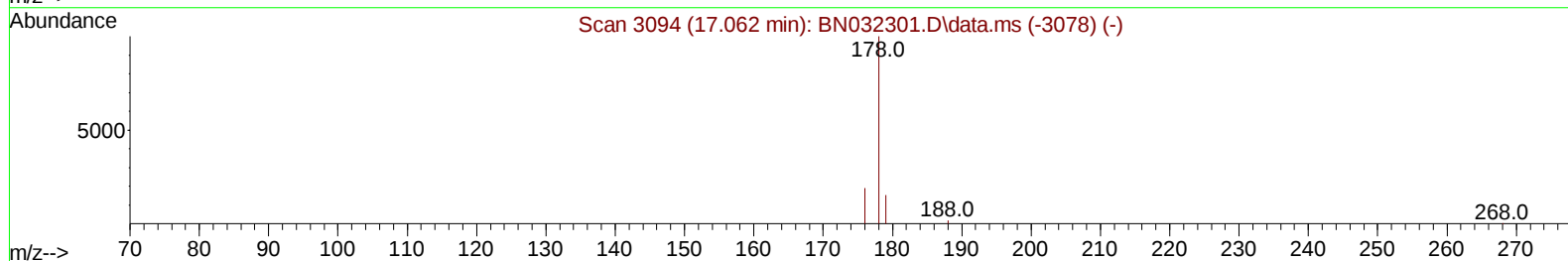
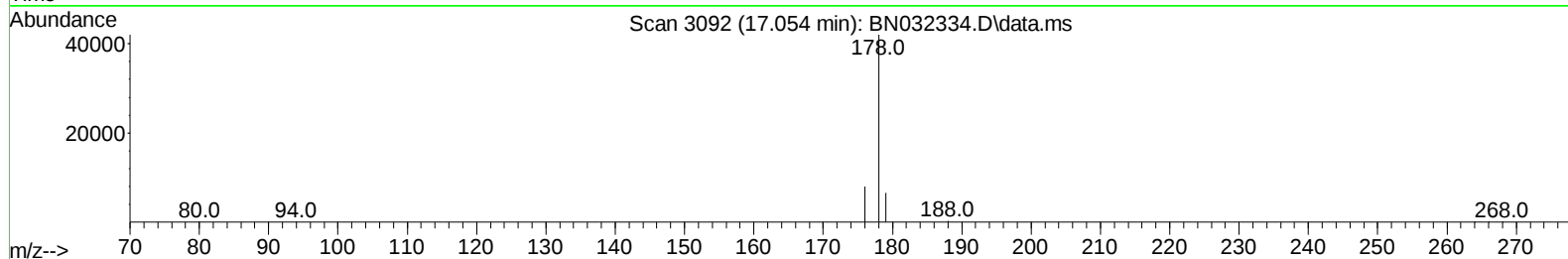
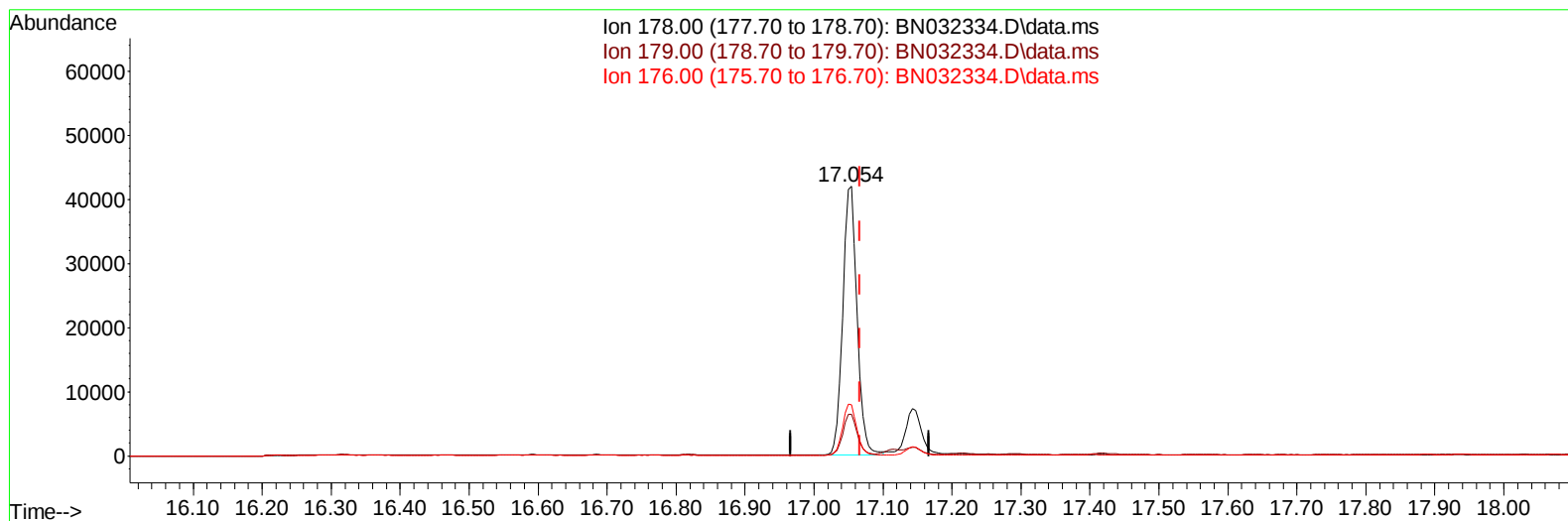
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032334.D
Acq On : 29 Jun 2024 03:52
Operator : MA/JU
Sample : P2934-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B61

Manual IntegrationsAPPROVED

Quant Time: Jun 29 04:41:47 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
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Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032334.D\data.ms

(15) Phenanthrene

17.054min (-0.013) 0.80 ng/ul m

response 60058

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.54
176.00	19.50	18.95
0.00	0.00	0.00

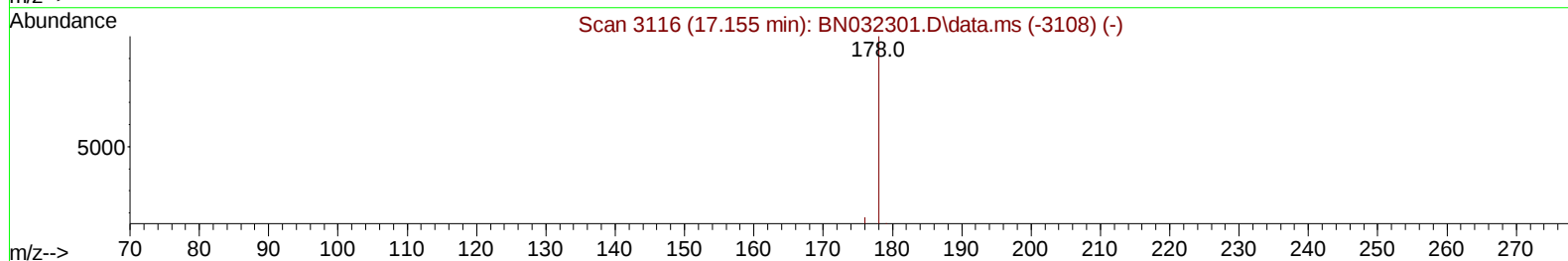
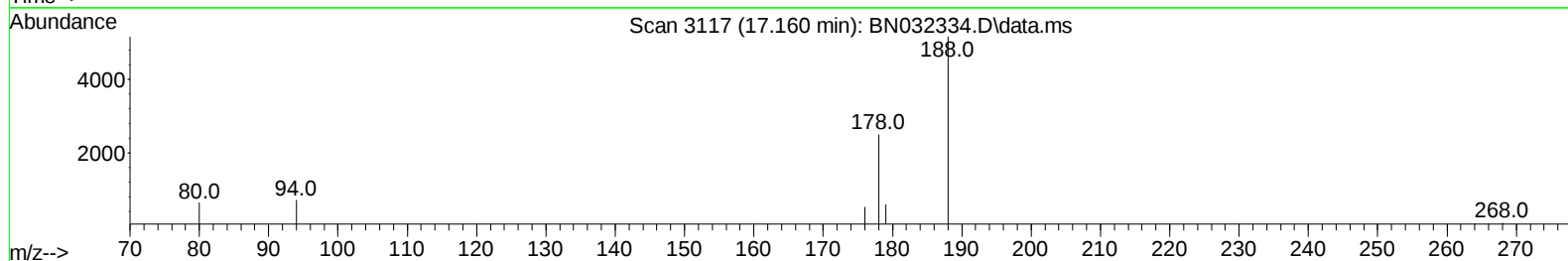
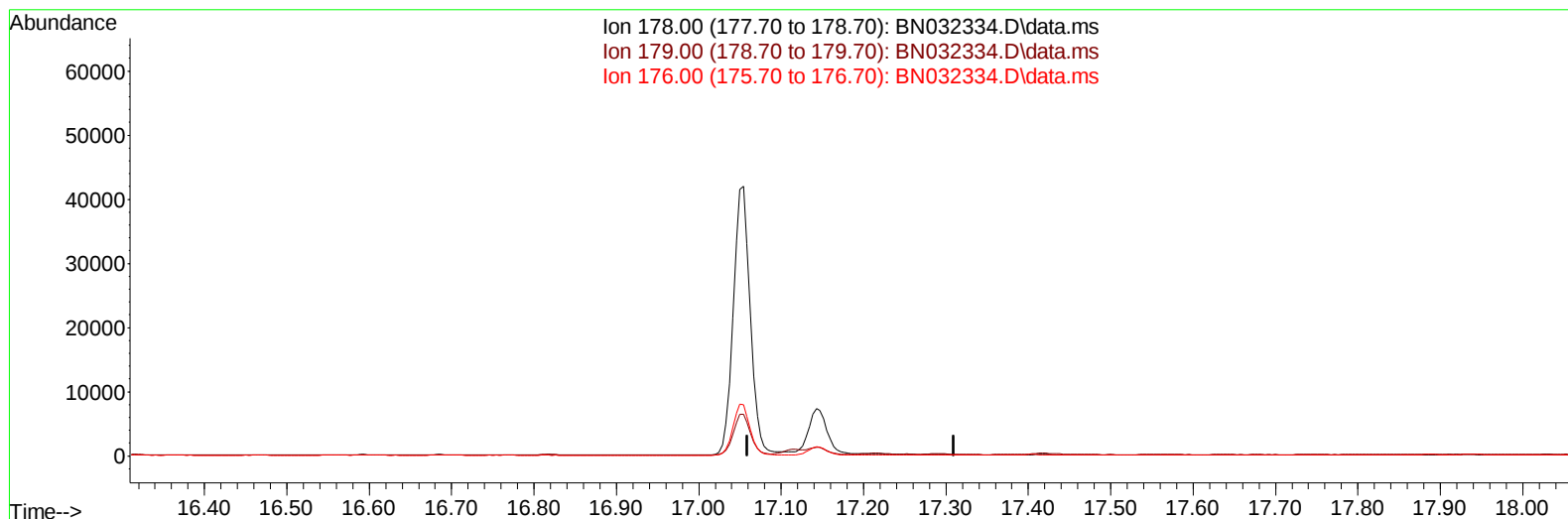
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032334.D
Acq On : 29 Jun 2024 03:52
Operator : MA/JU
Sample : P2934-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B61

Manual IntegrationsAPPROVED

Quant Time: Jun 29 04:41:47 2024
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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032334.D\data.ms

(16) Anthracene

17.160min (-17.160) 0.00 ng/u1

response 0

Ion	Exp%	Act%
178.00	100.00	0.00
179.00	15.60	0.00#
176.00	18.80	0.00#
0.00	0.00	0.00

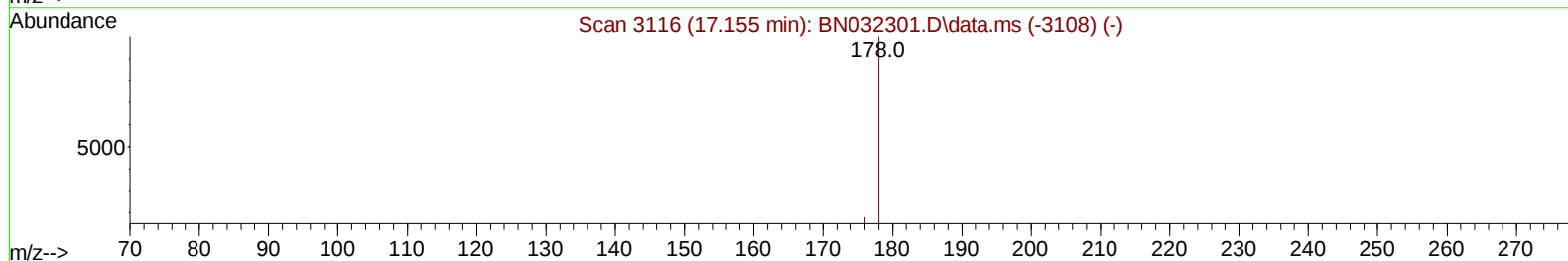
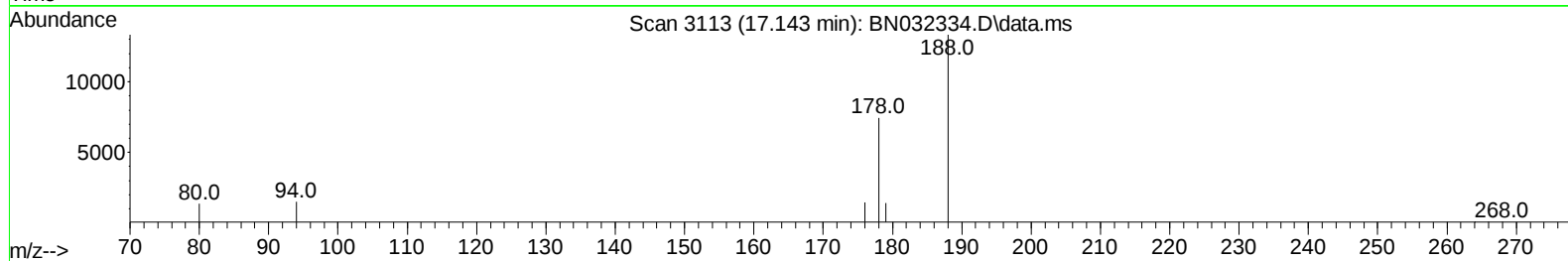
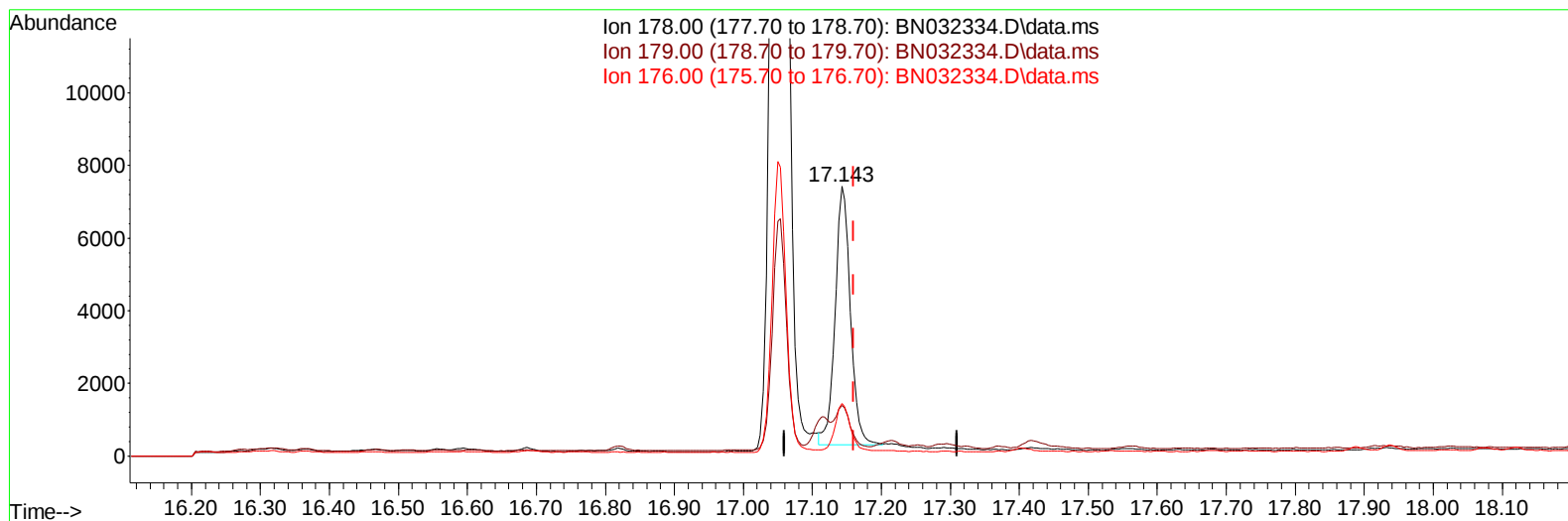
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032334.D
Acq On : 29 Jun 2024 03:52
Operator : MA/JU
Sample : P2934-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B61

Manual IntegrationsAPPROVED

Quant Time: Jun 29 04:41:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032334.D\data.ms

(16) Anthracene

17.143min (-0.017) 0.16 ng/ul m

response 11018

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	18.84#
176.00	18.80	19.42
0.00	0.00	0.00

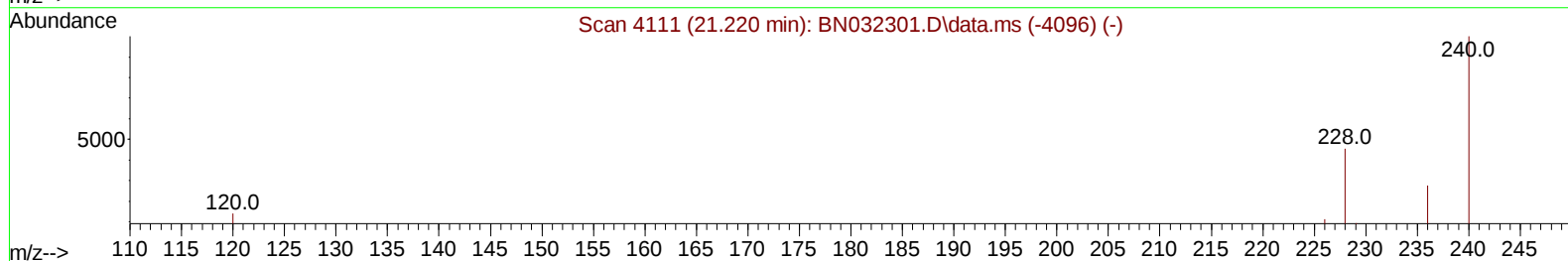
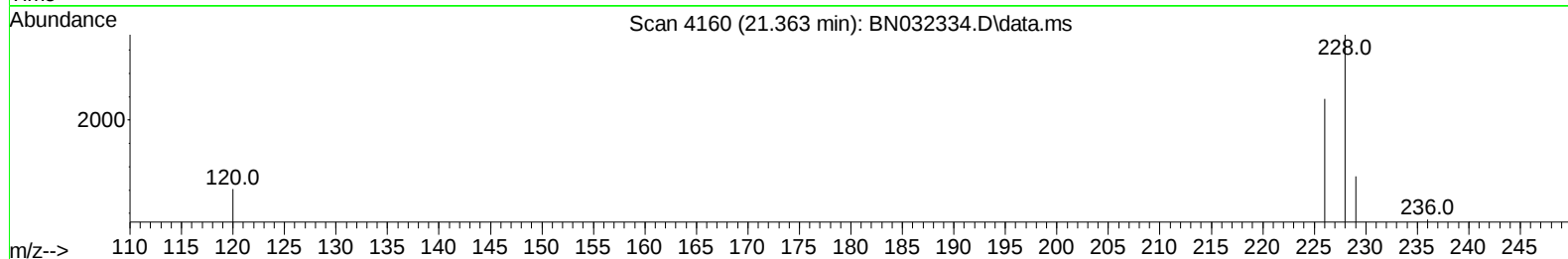
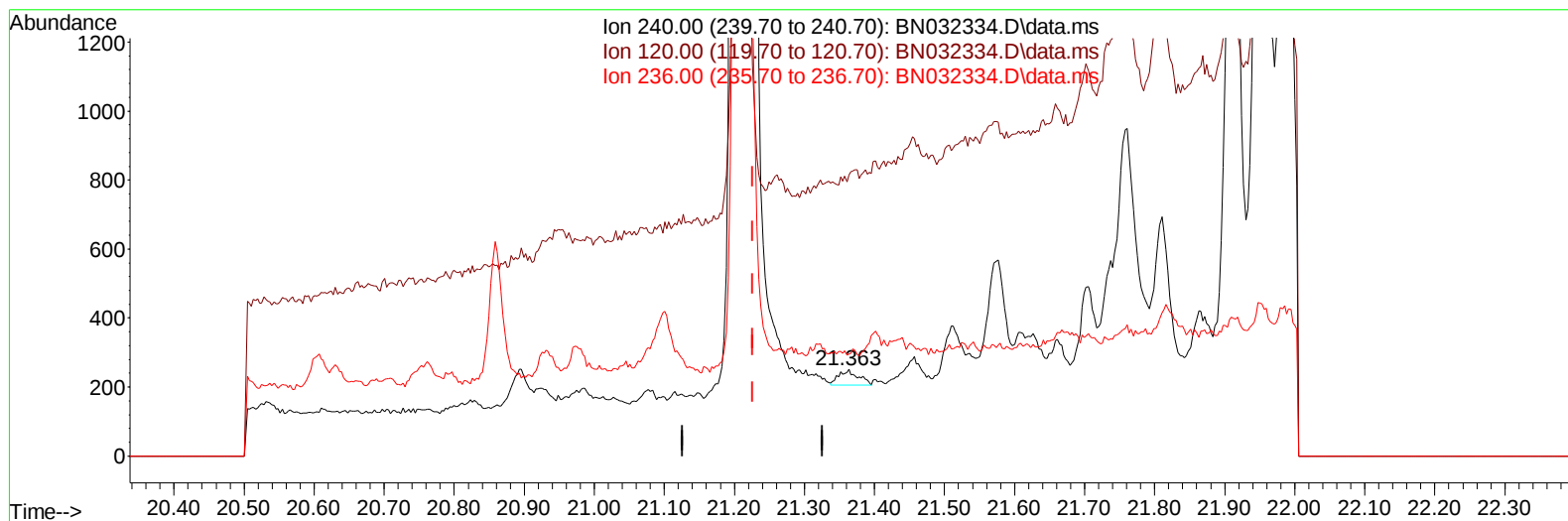
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032334.D
Acq On : 29 Jun 2024 03:52
Operator : MA/JU
Sample : P2934-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B61

Manual IntegrationsAPPROVED

Quant Time: Jun 29 04:41:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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TIC: BN032334.D\data.ms

(17) Chrysene-d12

21.363min (+ 0.137) 0.40 ng/u1

response 82

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	325.10#
236.00	28.40	117.93#
0.00	0.00	0.00

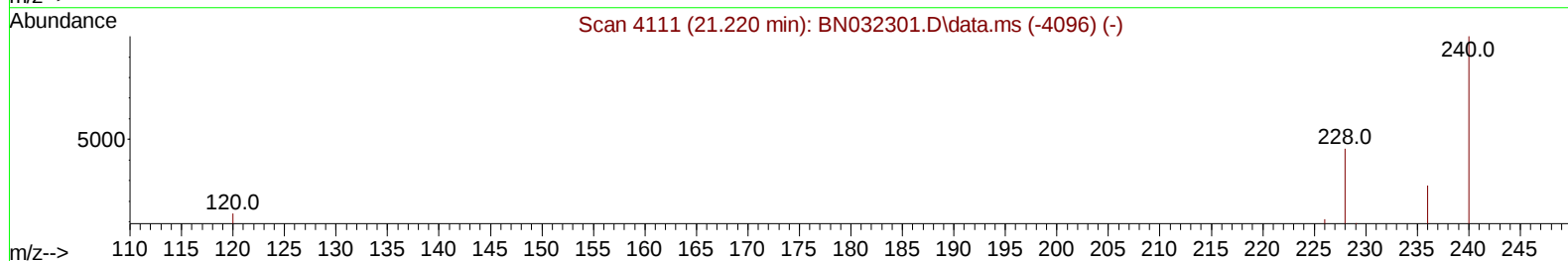
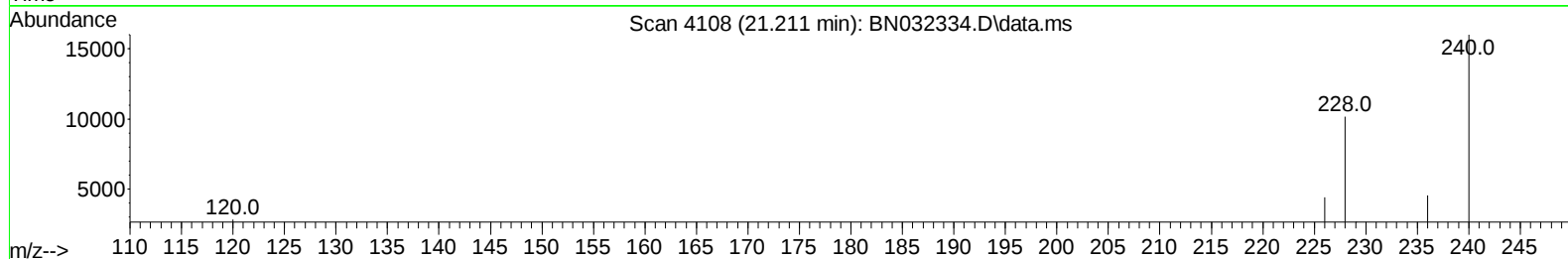
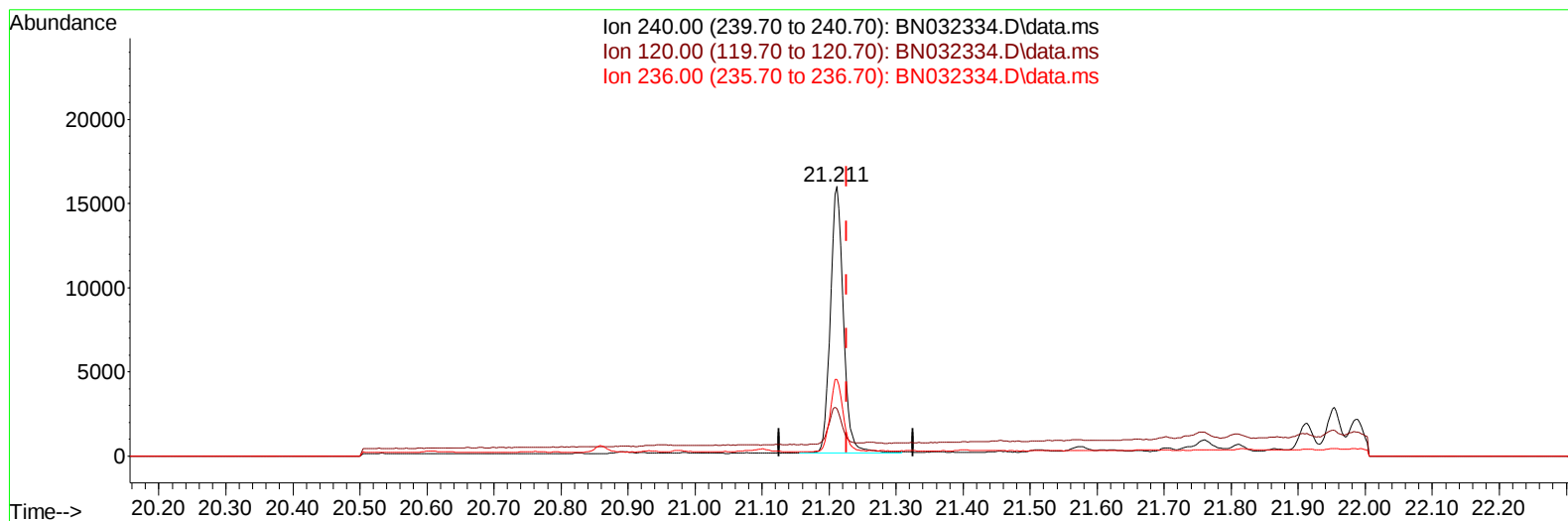
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032334.D
Acq On : 29 Jun 2024 03:52
Operator : MA/JU
Sample : P2934-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B61

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jun 29 04:41:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration



TIC: BN032334.D\data.ms

(17) Chrysene-d12

21.211min (-0.015) 0.40 ng/ul m

response 21814

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	17.64
236.00	28.40	28.34
0.00	0.00	0.00

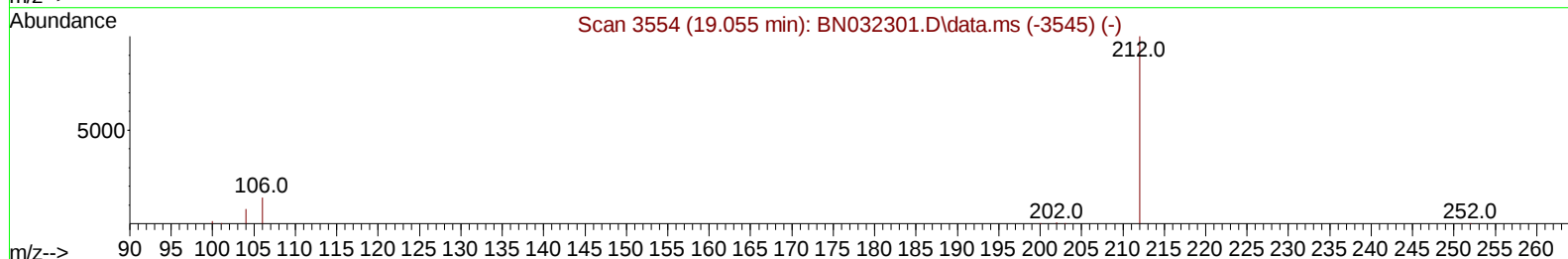
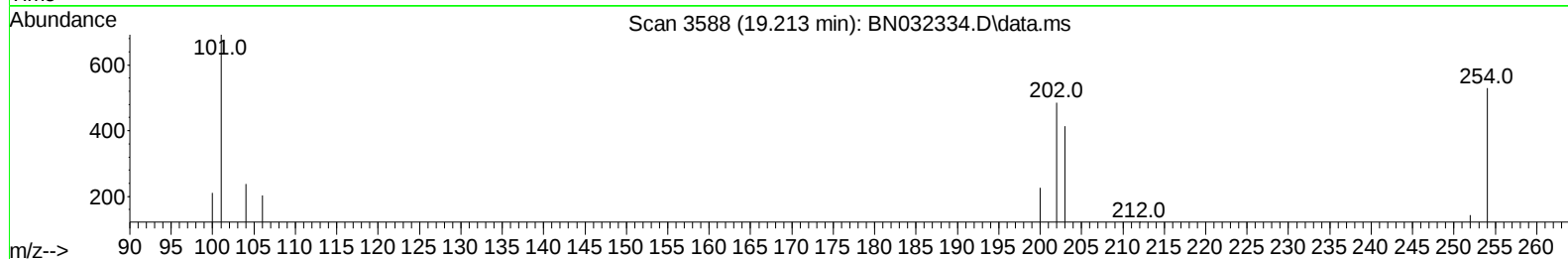
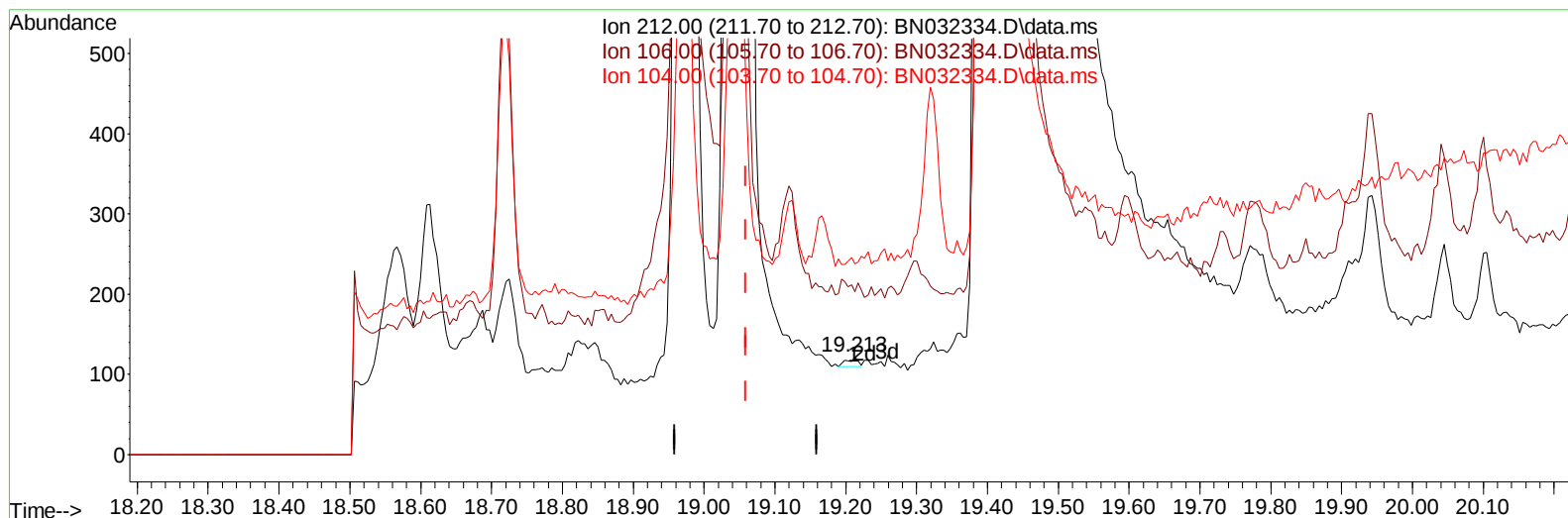
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032334.D
 Acq On : 29 Jun 2024 03:52
 Operator : MA/JU
 Sample : P2934-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B61

Manual IntegrationsAPPROVED

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TIC: BN032334.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.213min (+ 0.153) 0.00 ng/u1

response 13

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	238.46#
104.00	8.40	30.77#
0.00	0.00	0.00

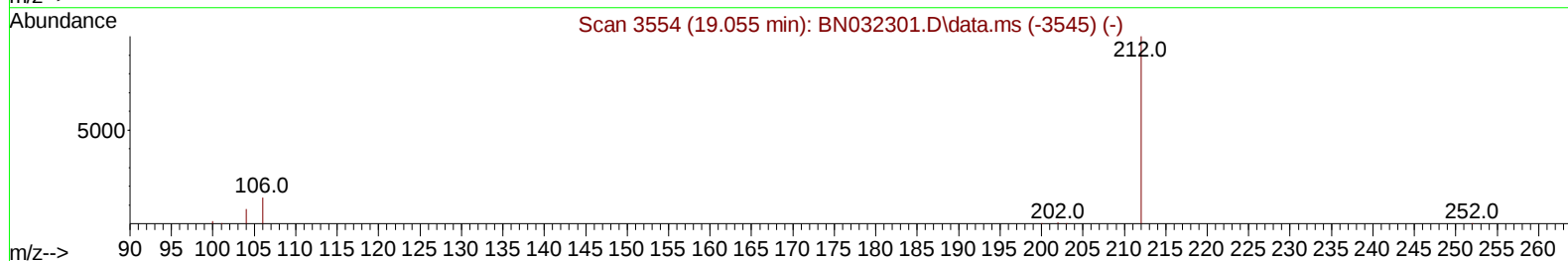
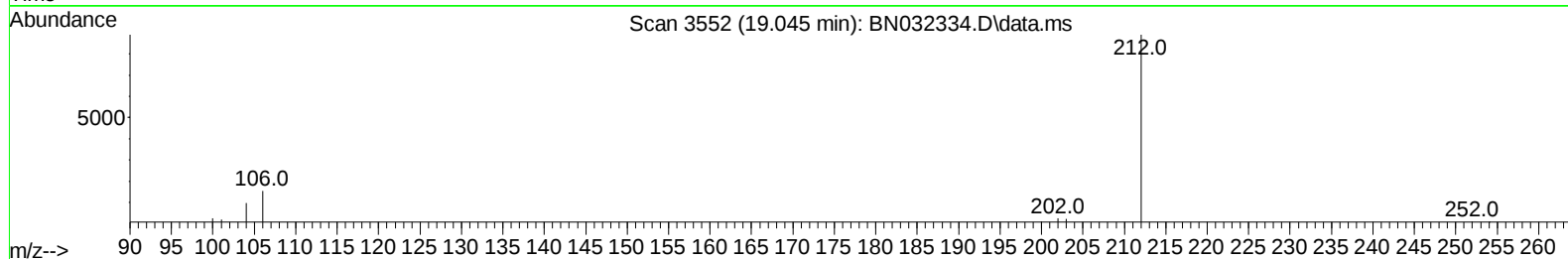
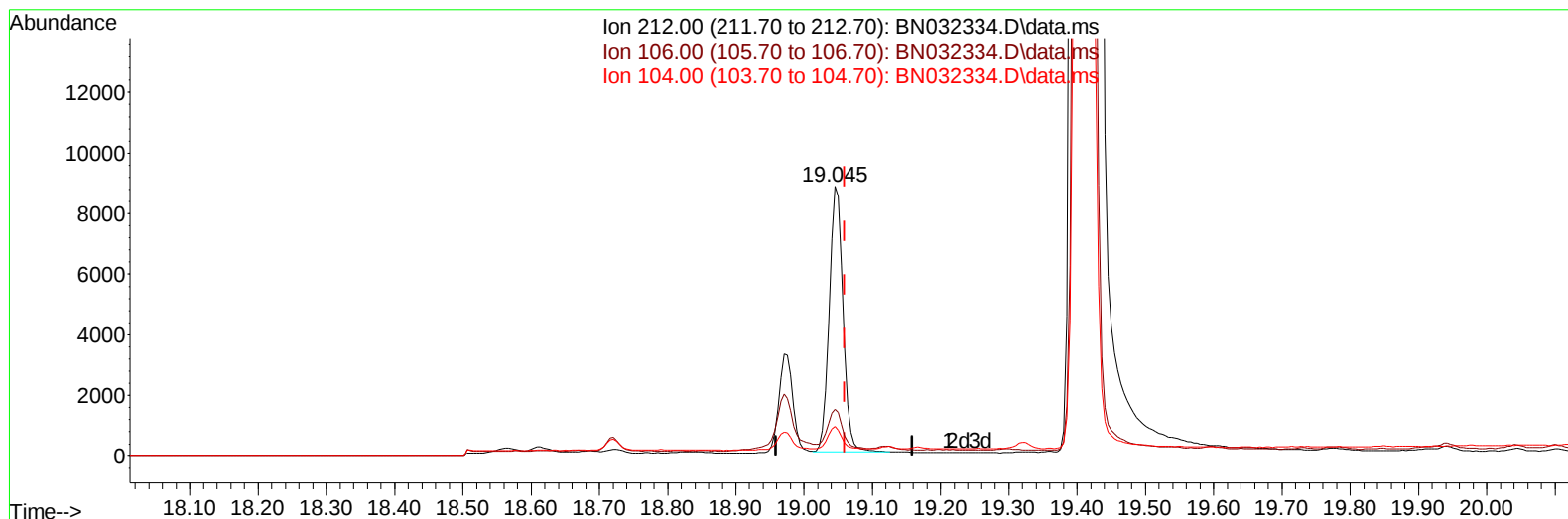
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032334.D
Acq On : 29 Jun 2024 03:52
Operator : MA/JU
Sample : P2934-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B61

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jun 29 04:41:47 2024
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QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration



TIC: BN032334.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.045min (-0.014) 0.19 ng/u1 m

response 12322

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	0.25#
104.00	8.40	0.03#
0.00	0.00	0.00

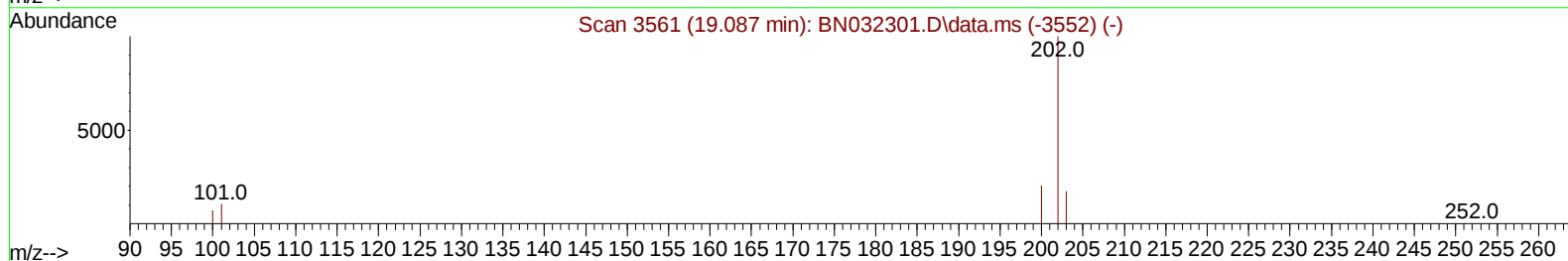
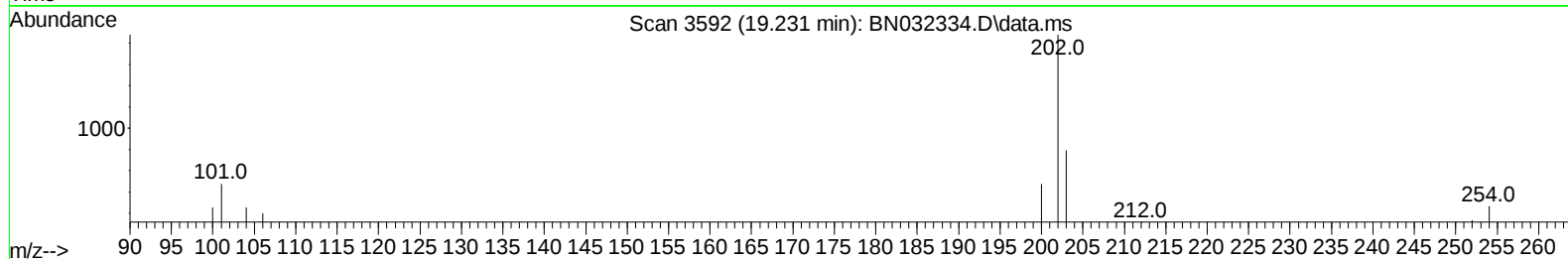
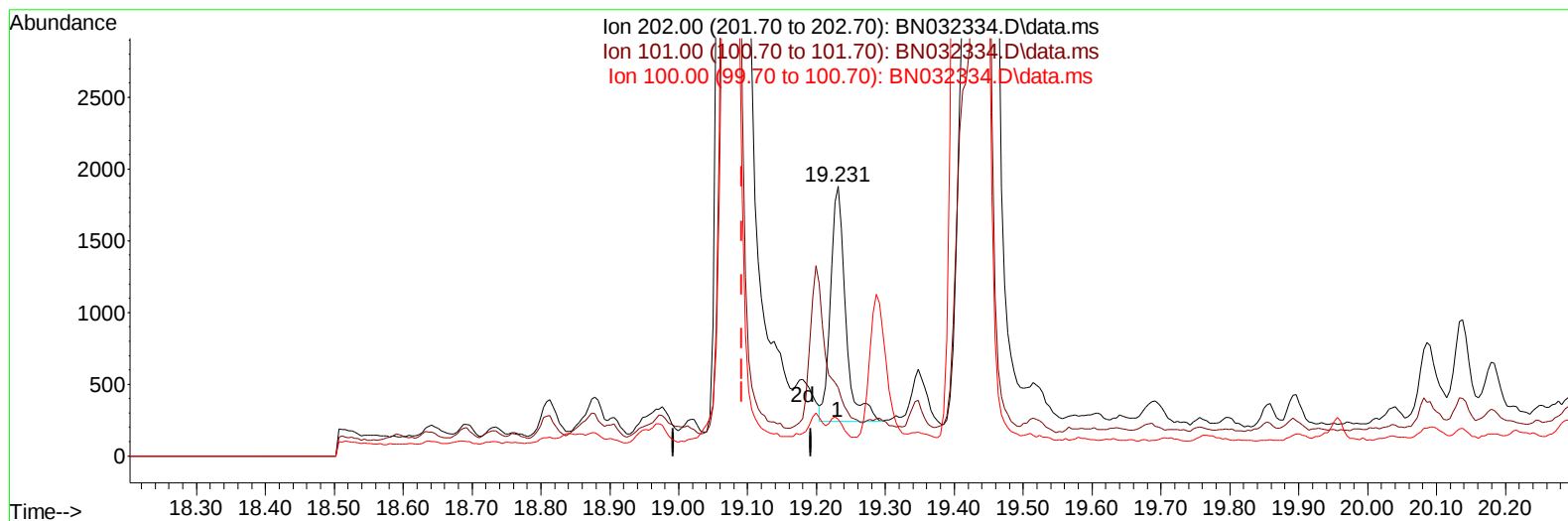
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032334.D
 Acq On : 29 Jun 2024 03:52
 Operator : MA/JU
 Sample : P2934-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B61

Manual IntegrationsAPPROVED

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TIC: BN032334.D\data.ms

(19) Fluoranthene (C)

19.231min (+ 0.139) 0.03 ng/u1

response 2513

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	25.39#
100.00	8.00	13.46#
0.00	0.00	0.00

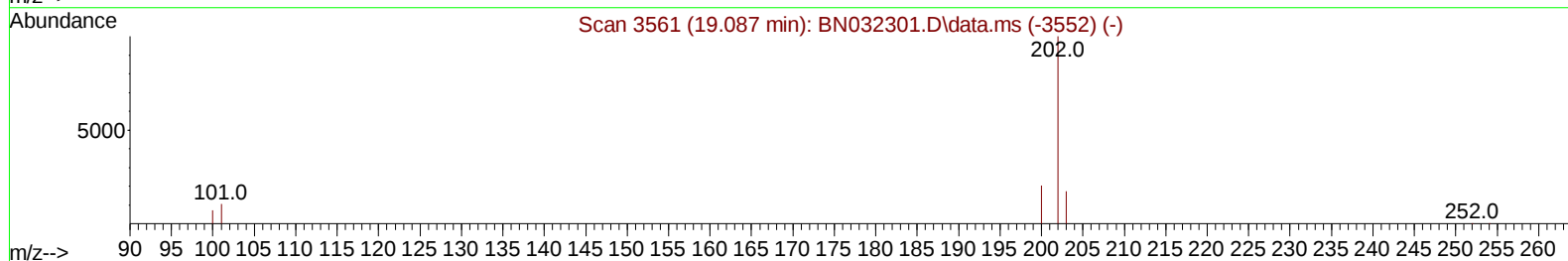
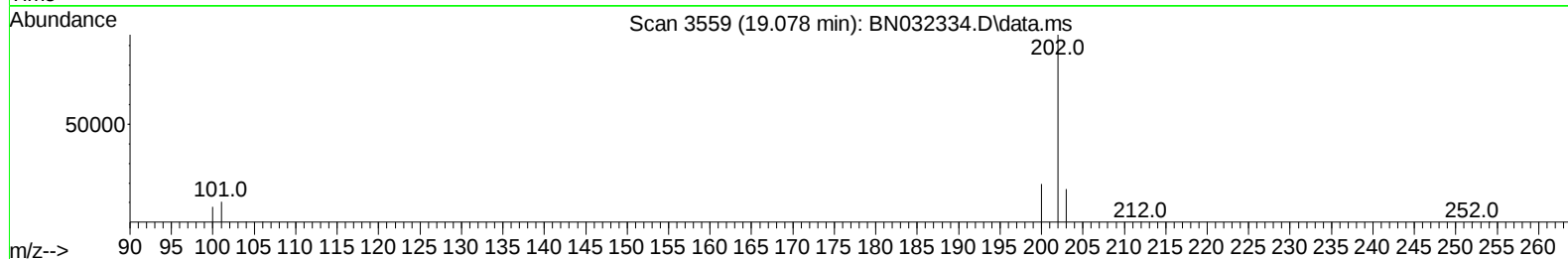
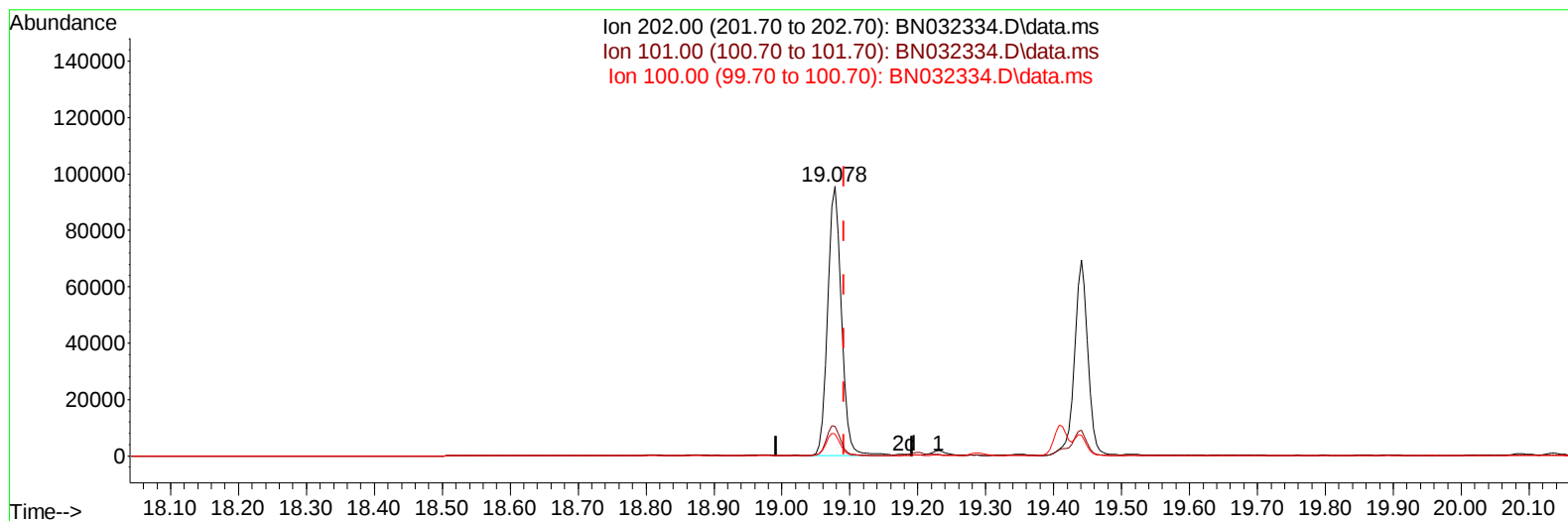
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032334.D
Acq On : 29 Jun 2024 03:52
Operator : MA/JU
Sample : P2934-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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TIC: BN032334.D\data.ms

(19) Fluoranthene (C)

19.078min (-0.014) 1.61 ng/ul m

response 133706

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.06
100.00	8.00	8.15
0.00	0.00	0.00

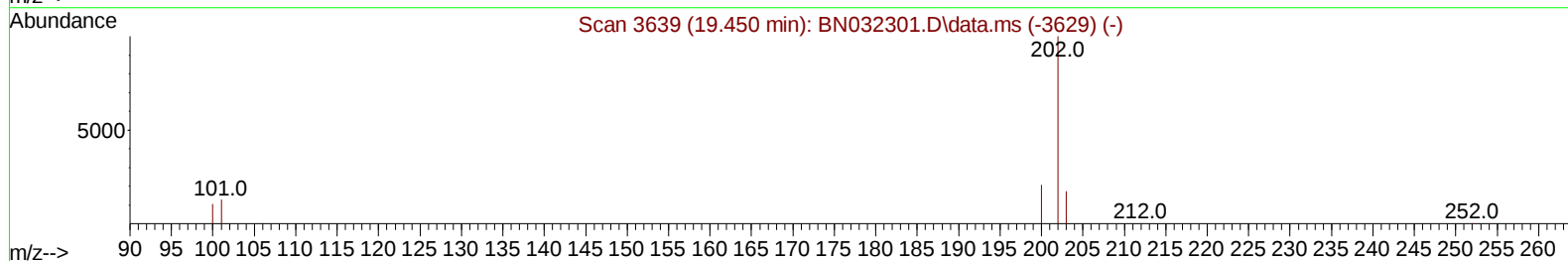
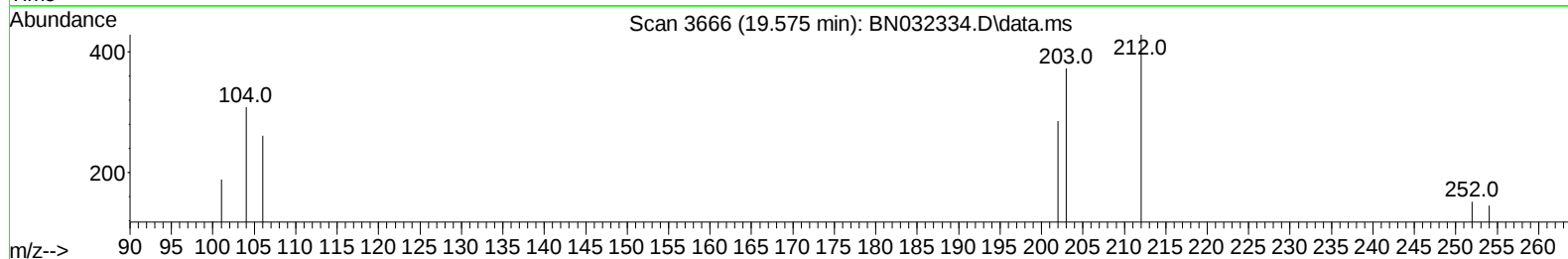
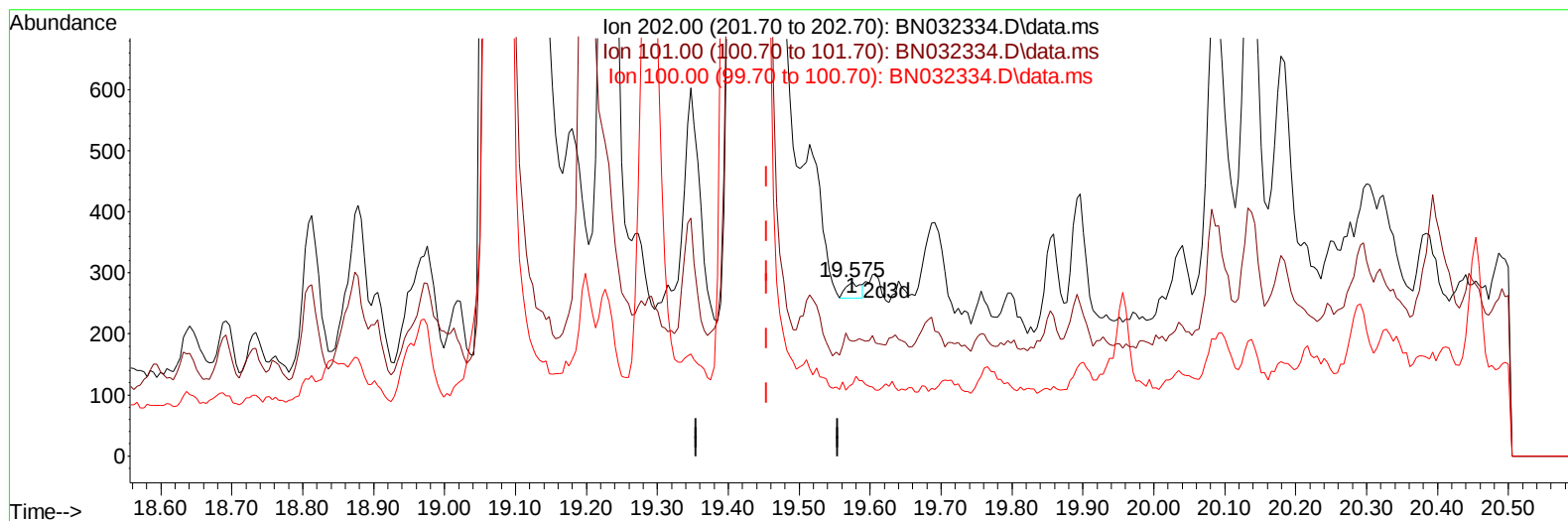
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032334.D
Acq On : 29 Jun 2024 03:52
Operator : MA/JU
Sample : P2934-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B61

Manual IntegrationsAPPROVED

Quant Time: Jun 29 04:41:47 2024
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TIC: BN032334.D\data.ms

(20) Pyrene

19.575min (+ 0.121) 0.00 ng/u1

response 38

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	65.96#
100.00	10.90	41.40#
0.00	0.00	0.00

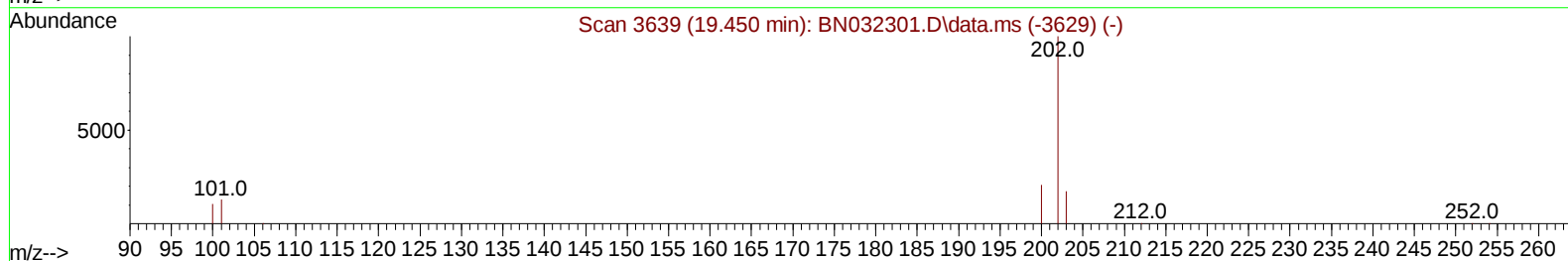
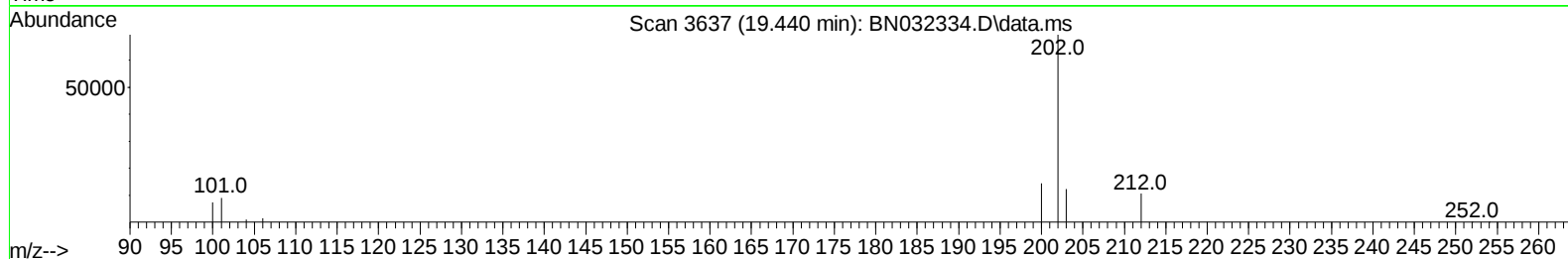
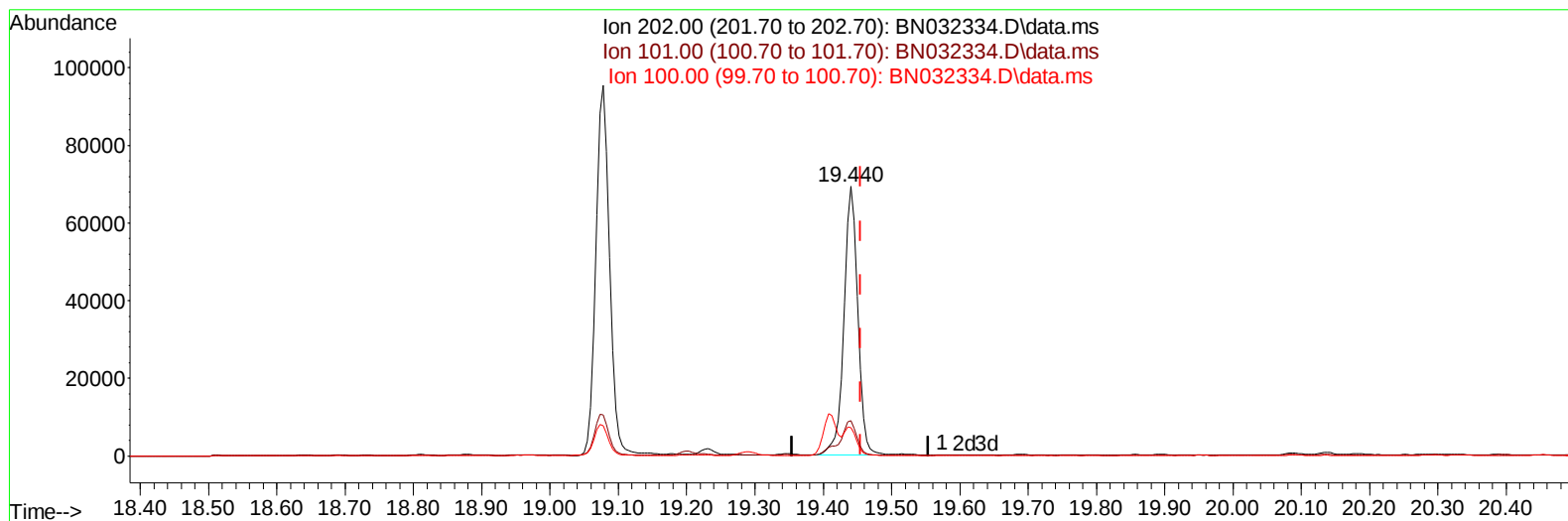
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032334.D
Acq On : 29 Jun 2024 03:52
Operator : MA/JU
Sample : P2934-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B61

Manual IntegrationsAPPROVED

Quant Time: Jun 29 04:41:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032334.D\data.ms

(20) Pyrene

19.440min (-0.014) 1.12 ng/u1 m

response 97585

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	13.16
100.00	10.90	10.55
0.00	0.00	0.00

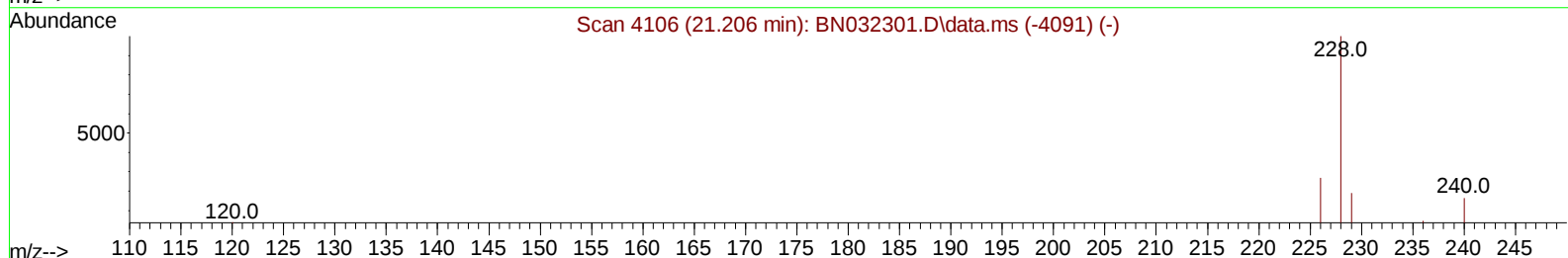
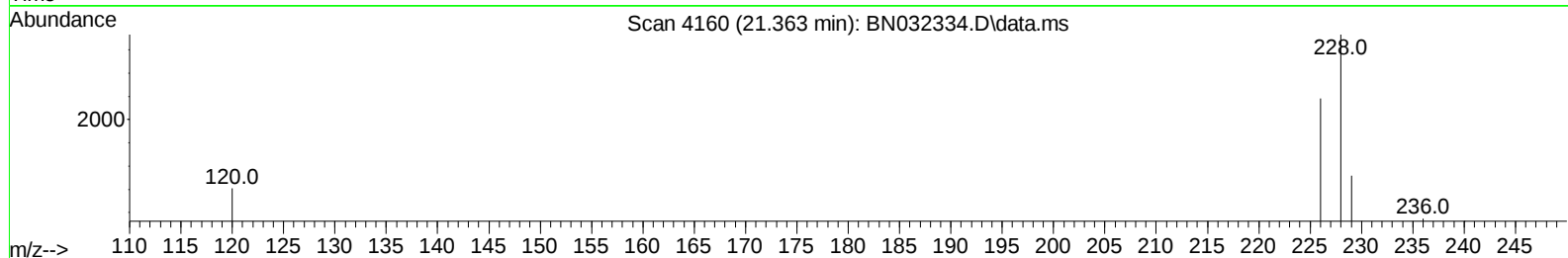
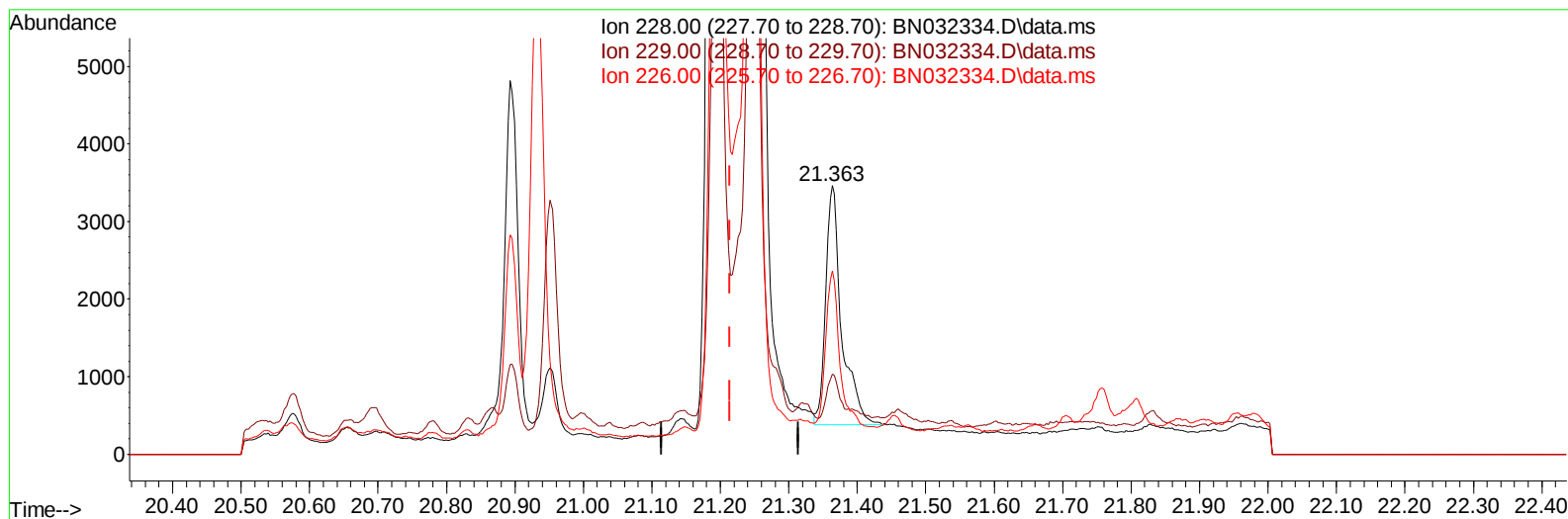
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032334.D
Acq On : 29 Jun 2024 03:52
Operator : MA/JU
Sample : P2934-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B61

Manual IntegrationsAPPROVED

Quant Time: Jun 29 04:41:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032334.D\data.ms

(21) Benzo(a)anthracene

21.363min (+ 0.149) 0.06 ng/u1

response 5006

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	29.96#
226.00	27.30	68.28#
0.00	0.00	0.00

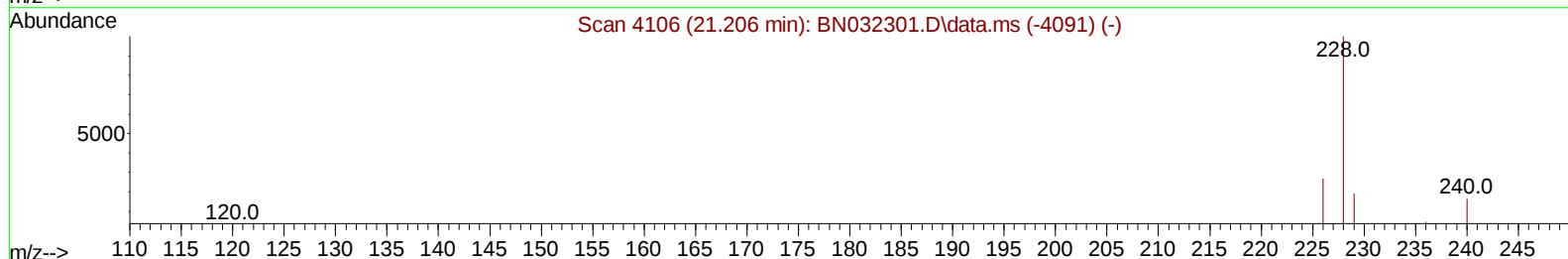
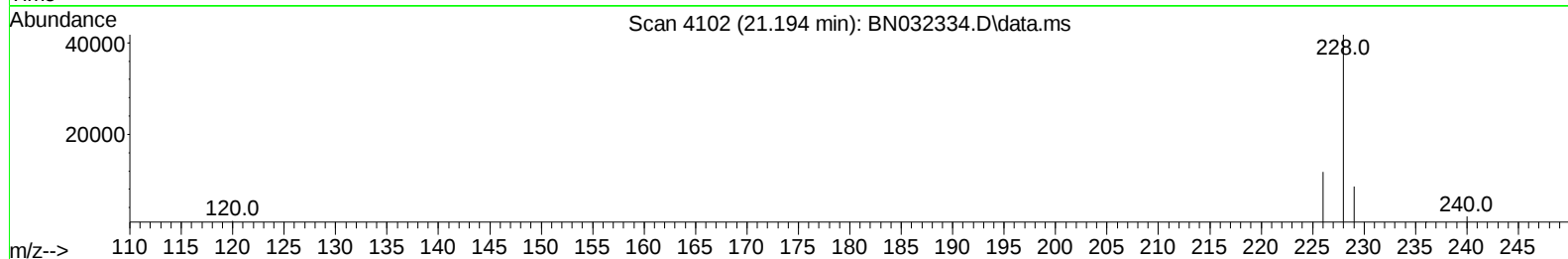
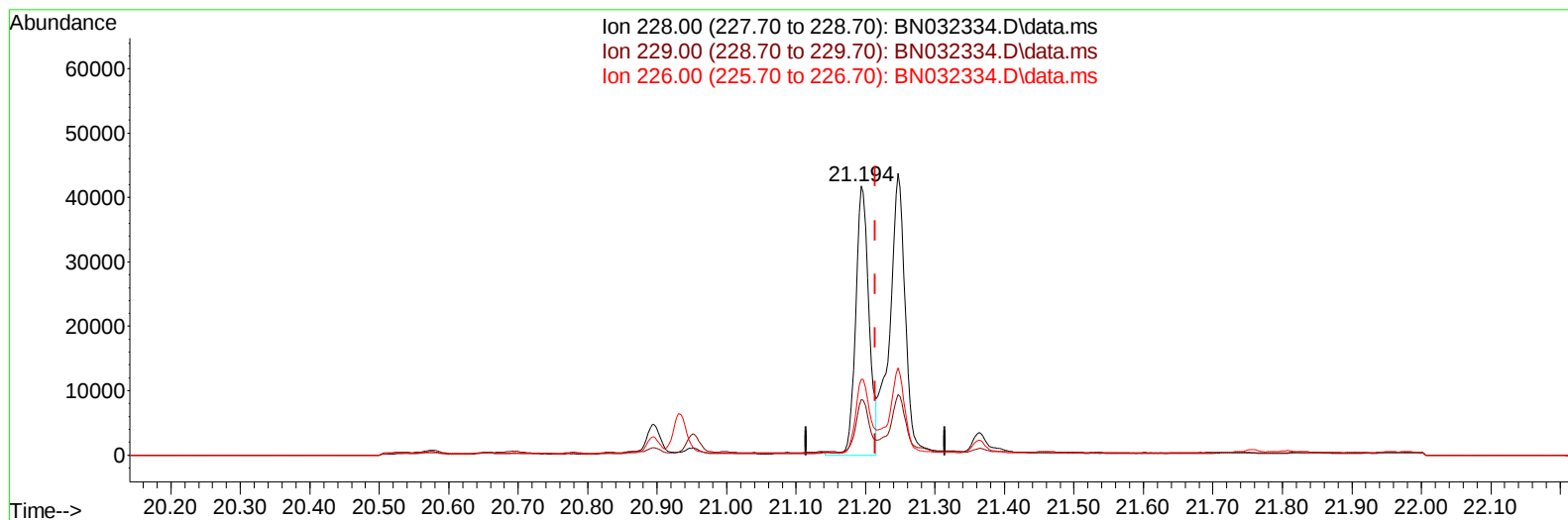
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032334.D
Acq On : 29 Jun 2024 03:52
Operator : MA/JU
Sample : P2934-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B61

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jun 29 04:41:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration



TIC: BN032334.D\data.ms

(21) Benzo(a)anthracene

21.194min (-0.020) 0.71 ng/u1 m

response 55640

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	20.64
226.00	27.30	28.29
0.00	0.00	0.00

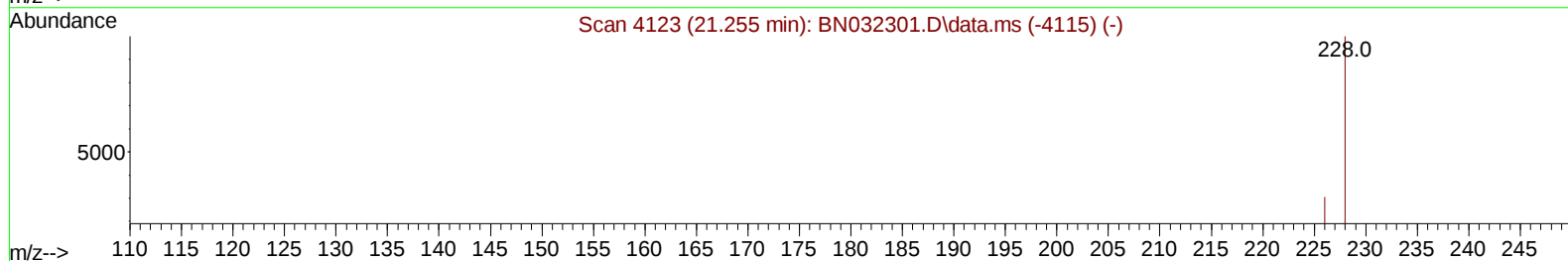
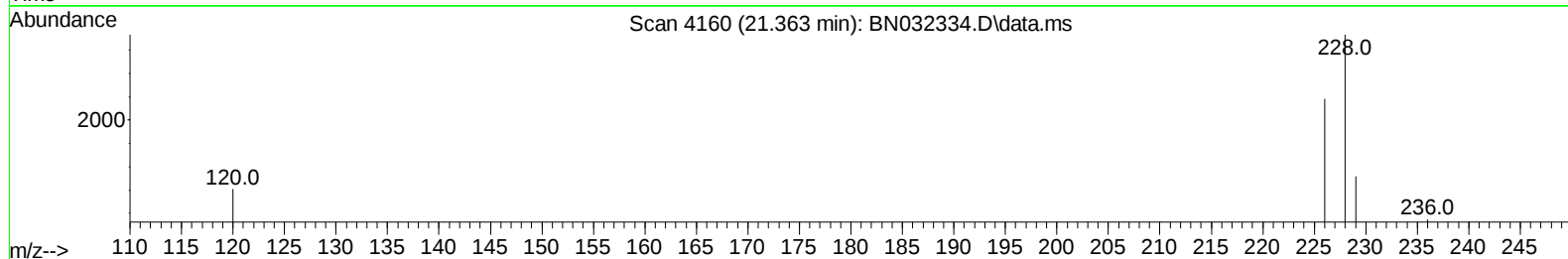
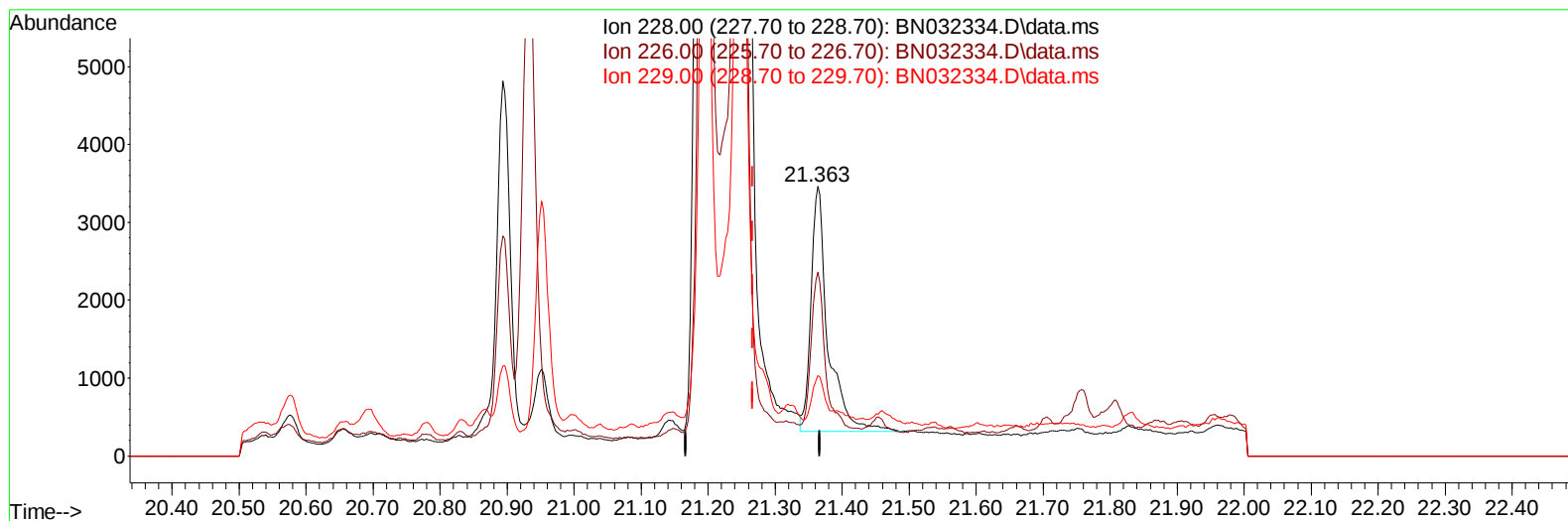
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032334.D
Acq On : 29 Jun 2024 03:52
Operator : MA/JU
Sample : P2934-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B61

Manual IntegrationsAPPROVED

Quant Time: Jun 29 04:41:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032334.D\data.ms

(22) Chrysene

21.363min (+ 0.096) 0.06 ng/u1

response 5531

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	68.28#
229.00	19.60	29.96#
0.00	0.00	0.00

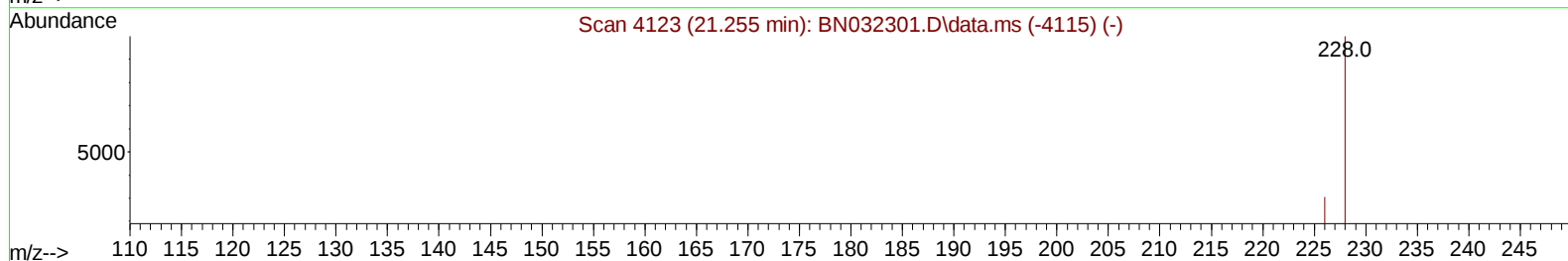
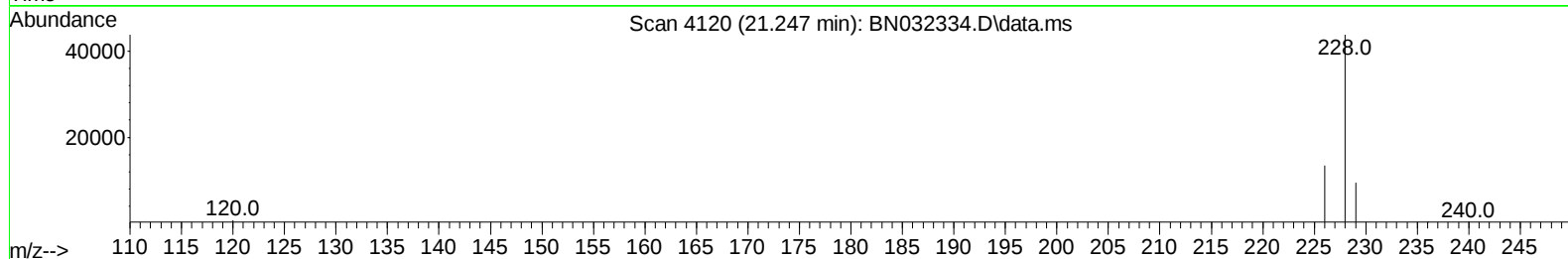
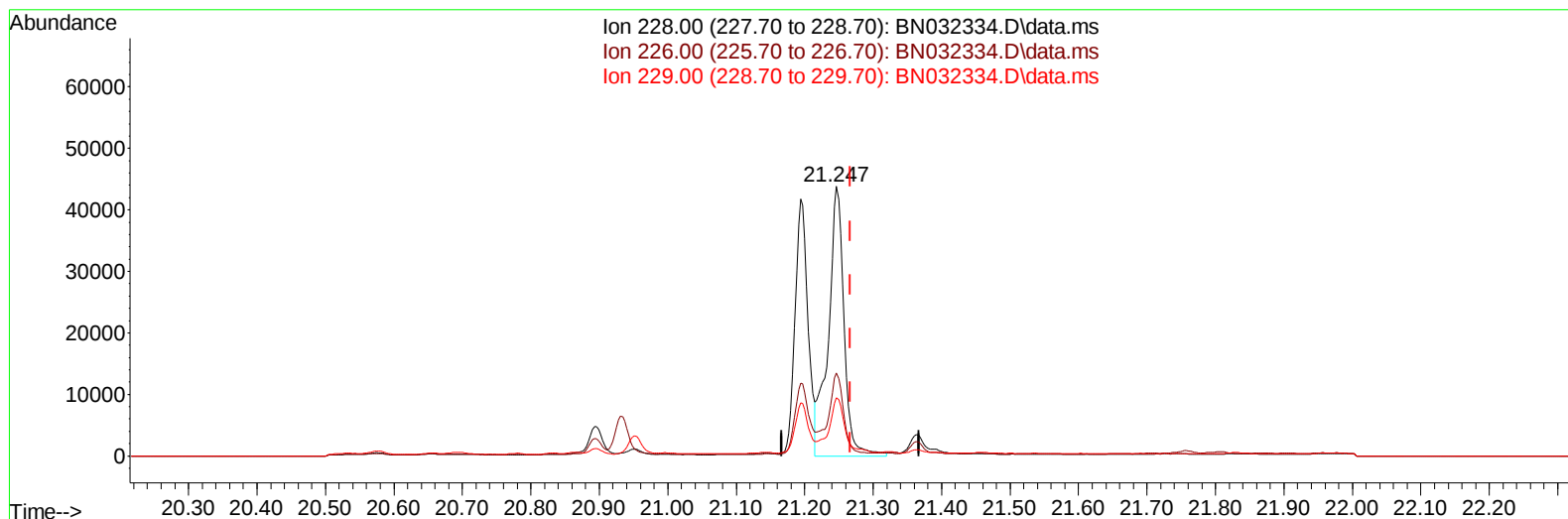
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032334.D
 Acq On : 29 Jun 2024 03:52
 Operator : MA/JU
 Sample : P2934-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B61

Manual IntegrationsAPPROVED

Quant Time: Jun 29 04:41:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024



TIC: BN032334.D\data.ms

(22) Chrysene

21.247min (-0.021) 0.81 ng/ul m

response 70027

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	30.84
229.00	19.60	21.55
0.00	0.00	0.00

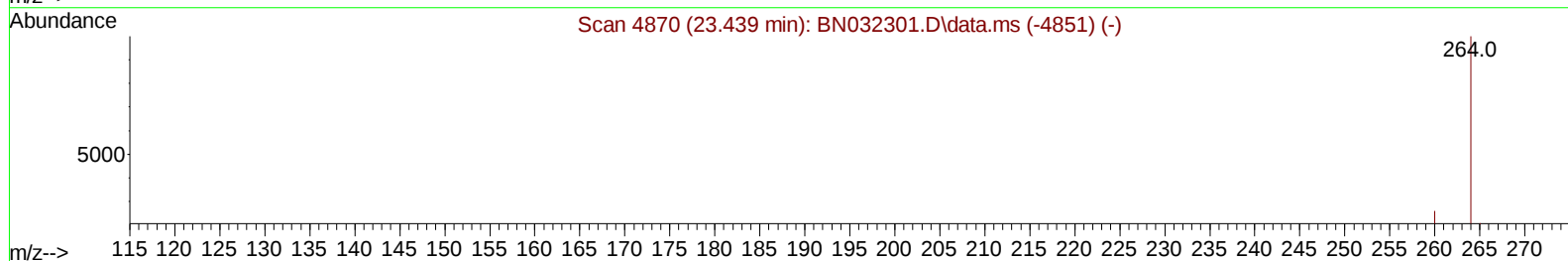
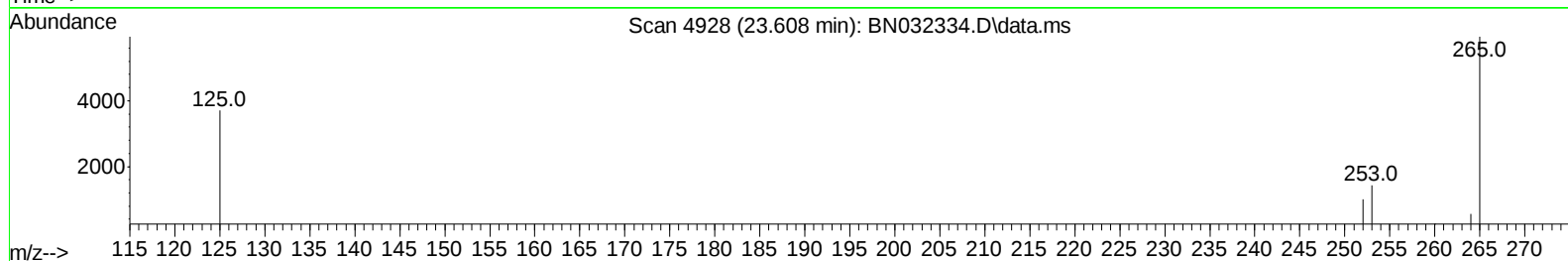
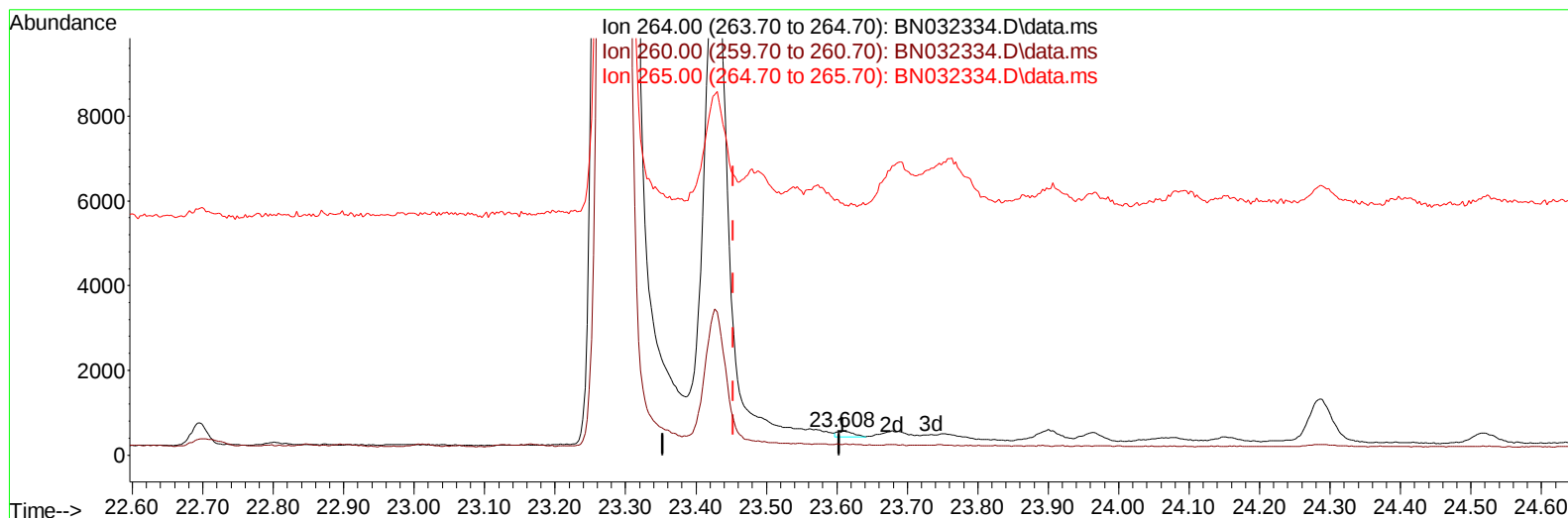
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032334.D
Acq On : 29 Jun 2024 03:52
Operator : MA/JU
Sample : P2934-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B61

Manual IntegrationsAPPROVED

Quant Time: Jun 29 04:41:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032334.D\data.ms

(23) Perylene-d12 (I)

23.608min (+ 0.155) 0.40 ng/u1

response 201

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	45.50#
265.00	67.20	1069.42#
0.00	0.00	0.00

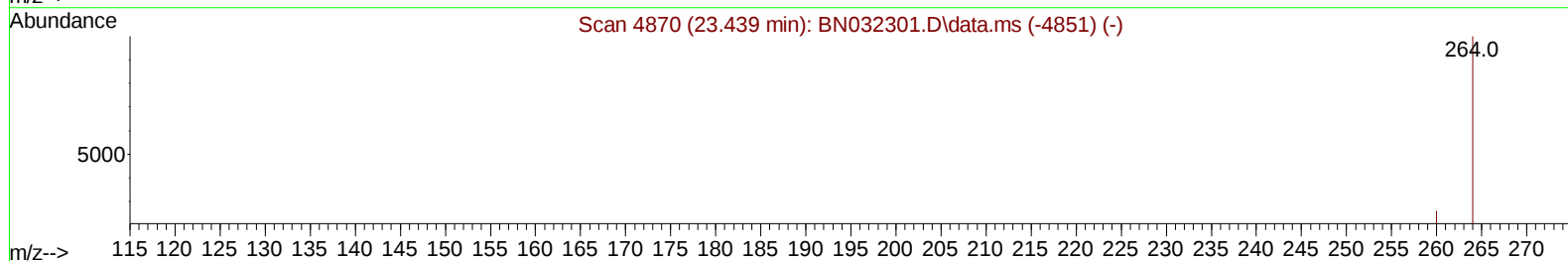
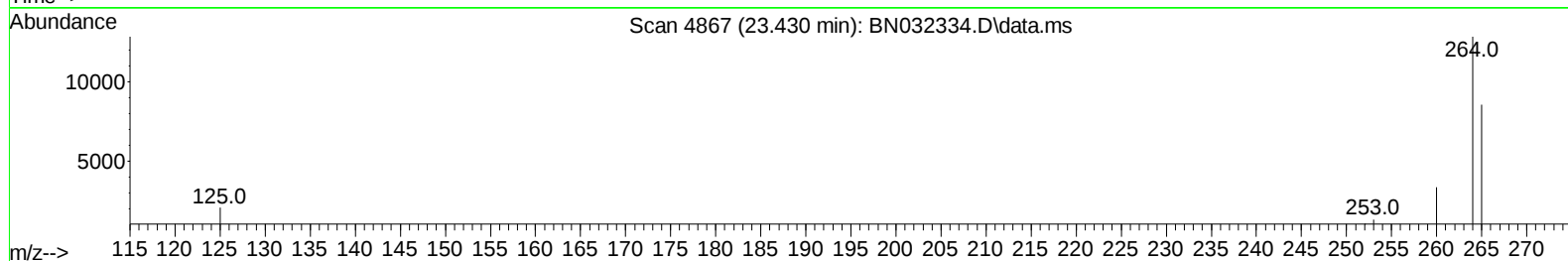
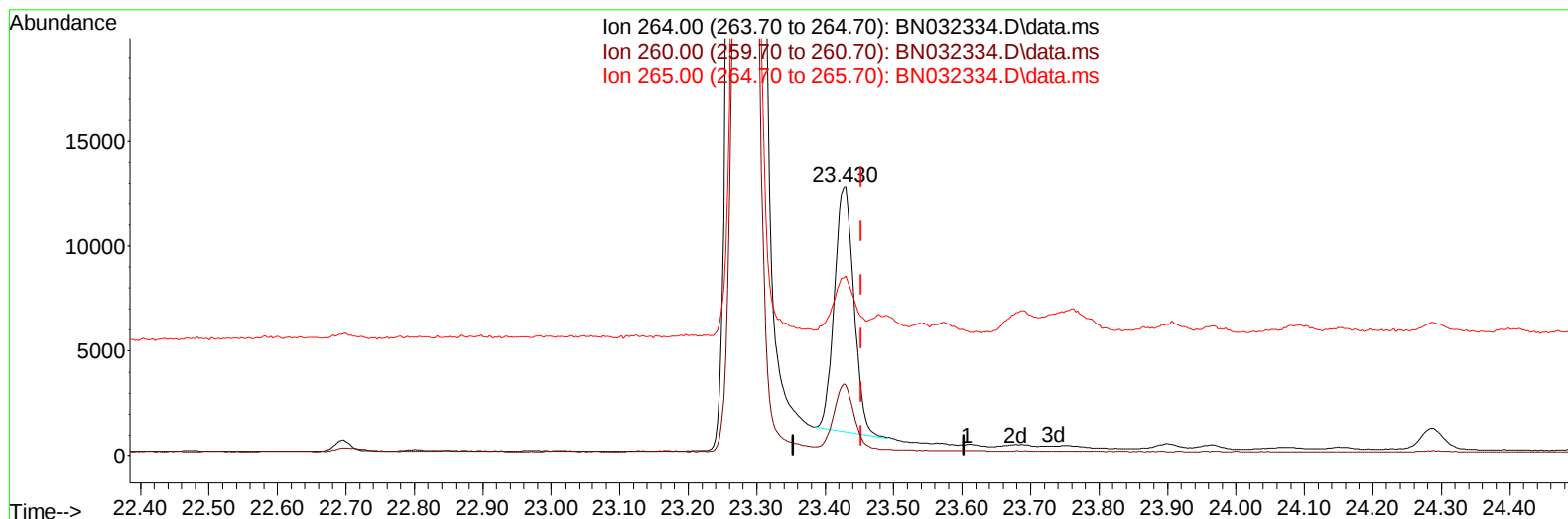
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032334.D
Acq On : 29 Jun 2024 03:52
Operator : MA/JU
Sample : P2934-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B61

Manual IntegrationsAPPROVED

Quant Time: Jun 29 04:41:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032334.D\data.ms

(23) Perylene-d12 (I)

23.430min (-0.023) 0.40 ng/u1 m

response 23077

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	26.27
265.00	67.20	66.84
0.00	0.00	0.00

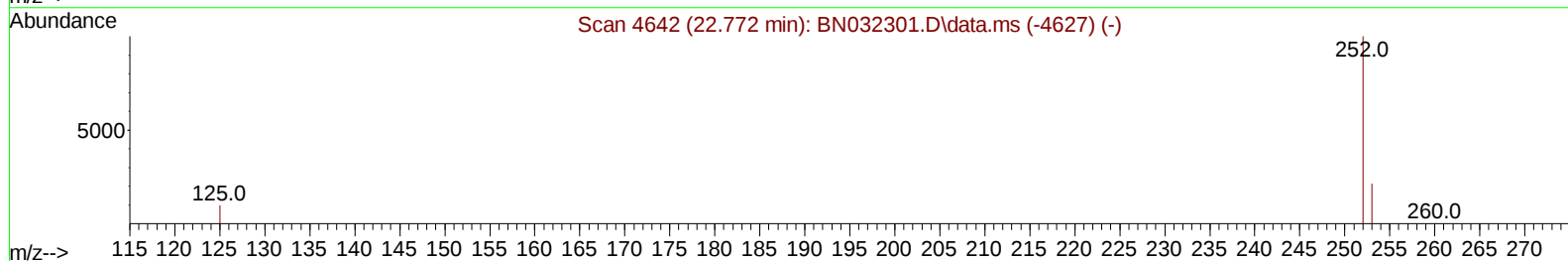
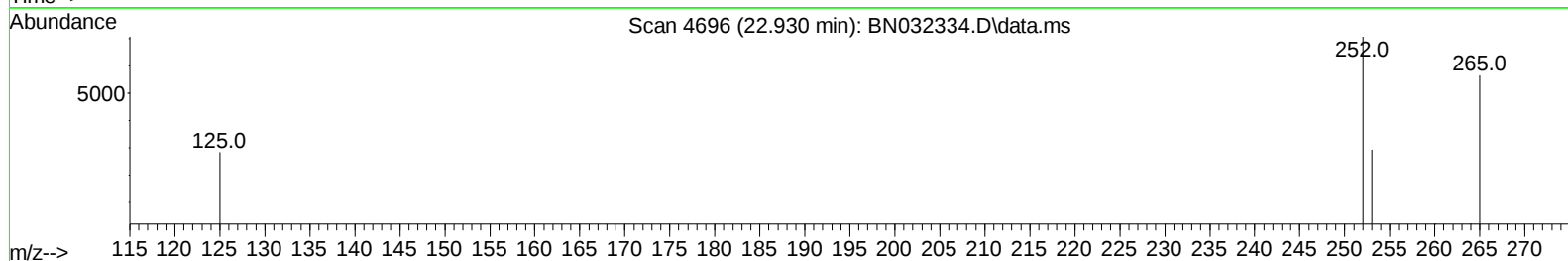
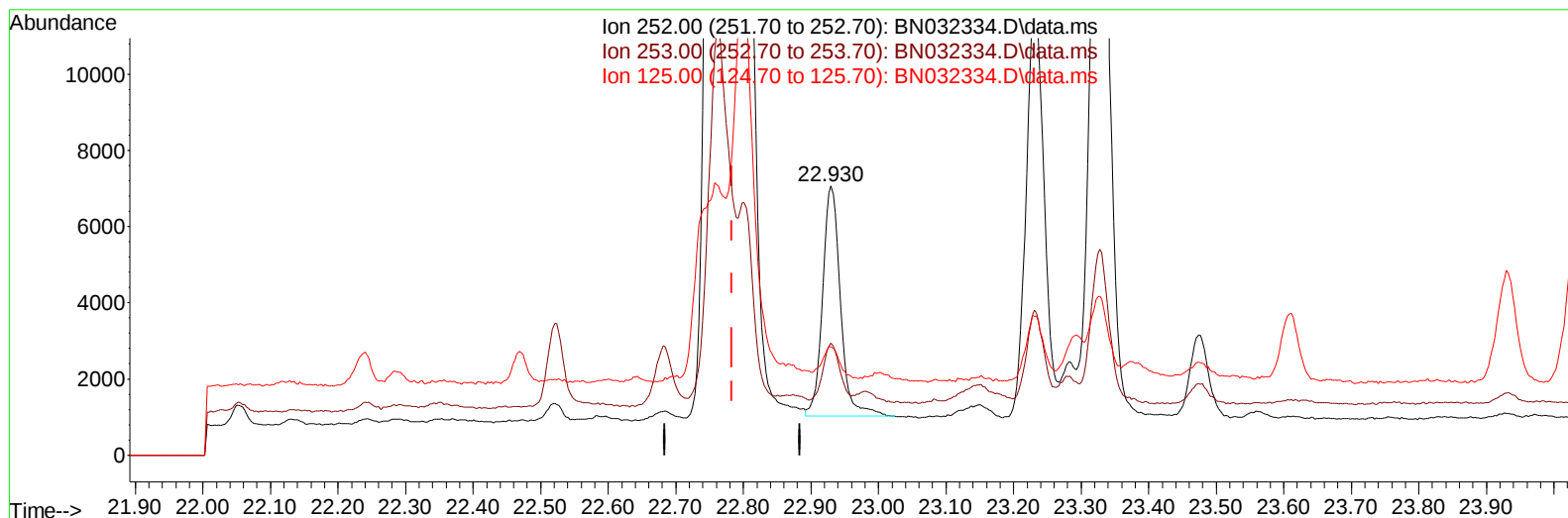
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032334.D
 Acq On : 29 Jun 2024 03:52
 Operator : MA/JU
 Sample : P2934-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B61

Manual IntegrationsAPPROVED

Quant Time: Jun 29 04:41:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024



TIC: BN032334.D\data.ms

(24) Benzo(b)fluoranthene

22.930min (+ 0.146) 0.11 ng/u1

response 11165

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	41.51
125.00	16.00	40.14#
0.00	0.00	0.00

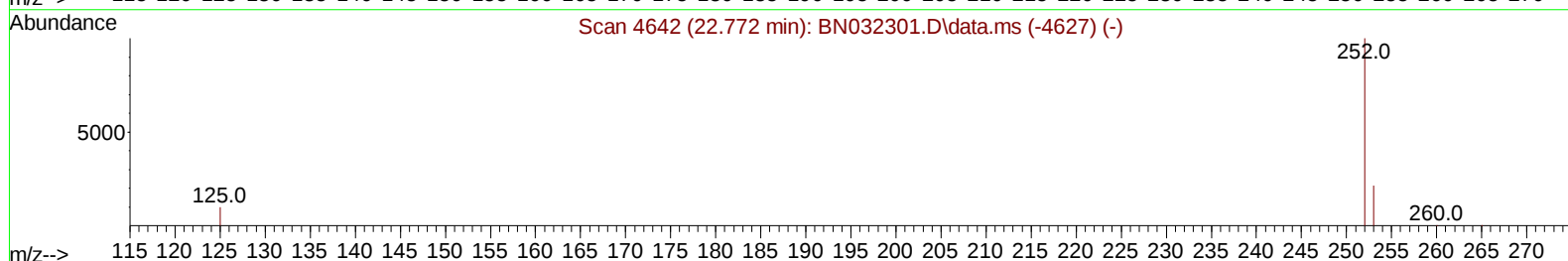
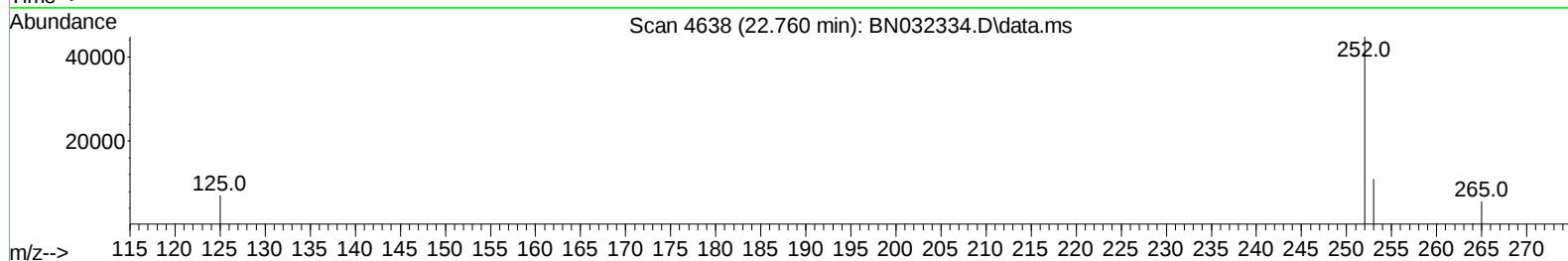
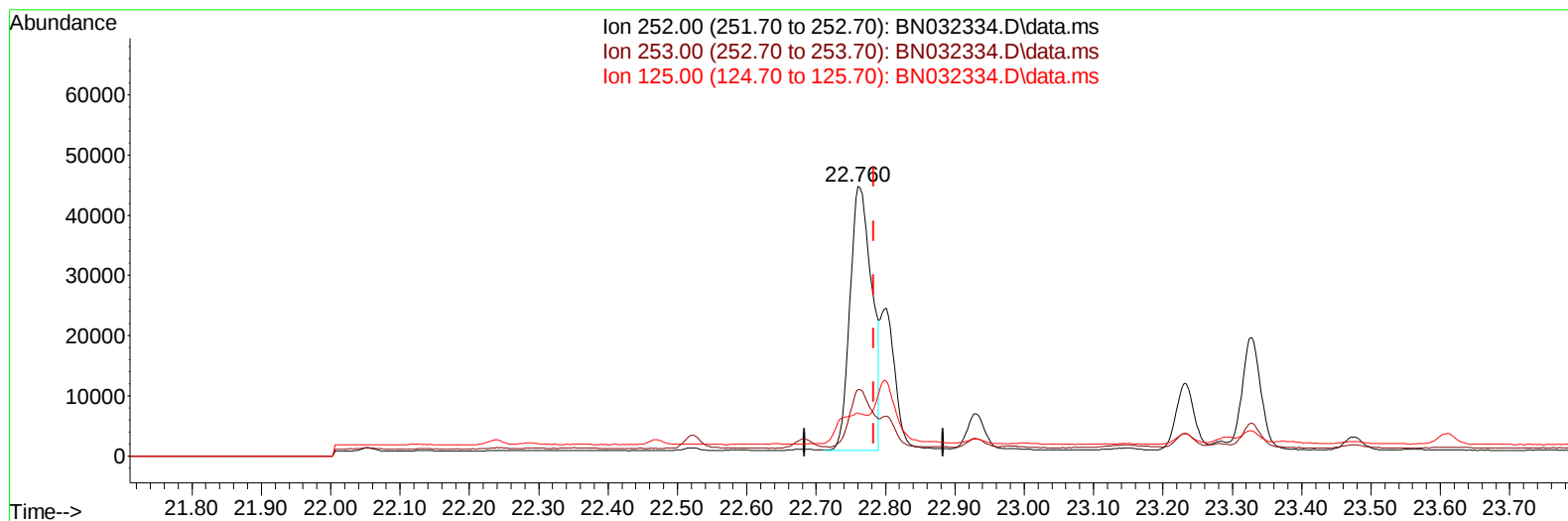
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032334.D
Acq On : 29 Jun 2024 03:52
Operator : MA/JU
Sample : P2934-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B61

Manual IntegrationsAPPROVED

Quant Time: Jun 29 04:41:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032334.D\data.ms

(24) Benzo(b)fluoranthene

22.760min (-0.023) 0.96 ng/u1 m

response 96244

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	24.57
125.00	16.00	15.86
0.00	0.00	0.00

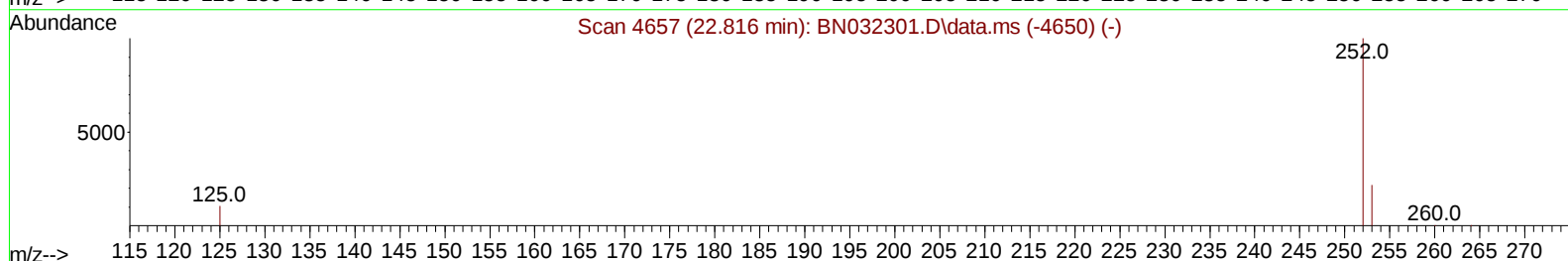
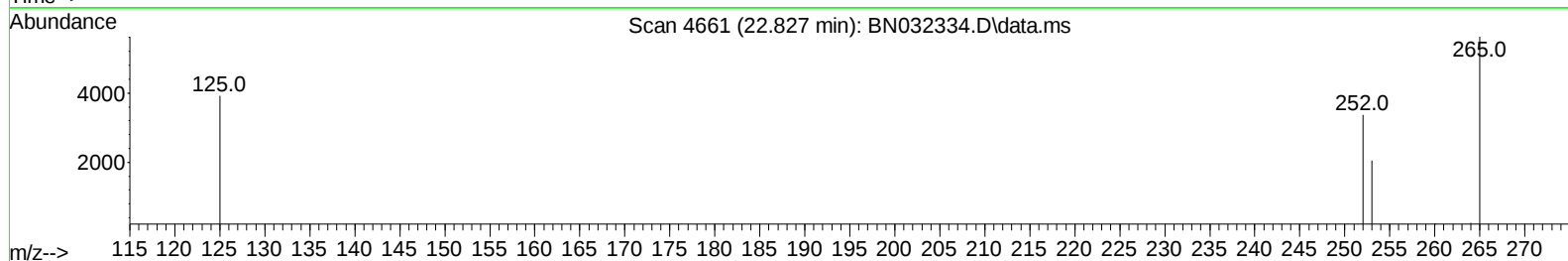
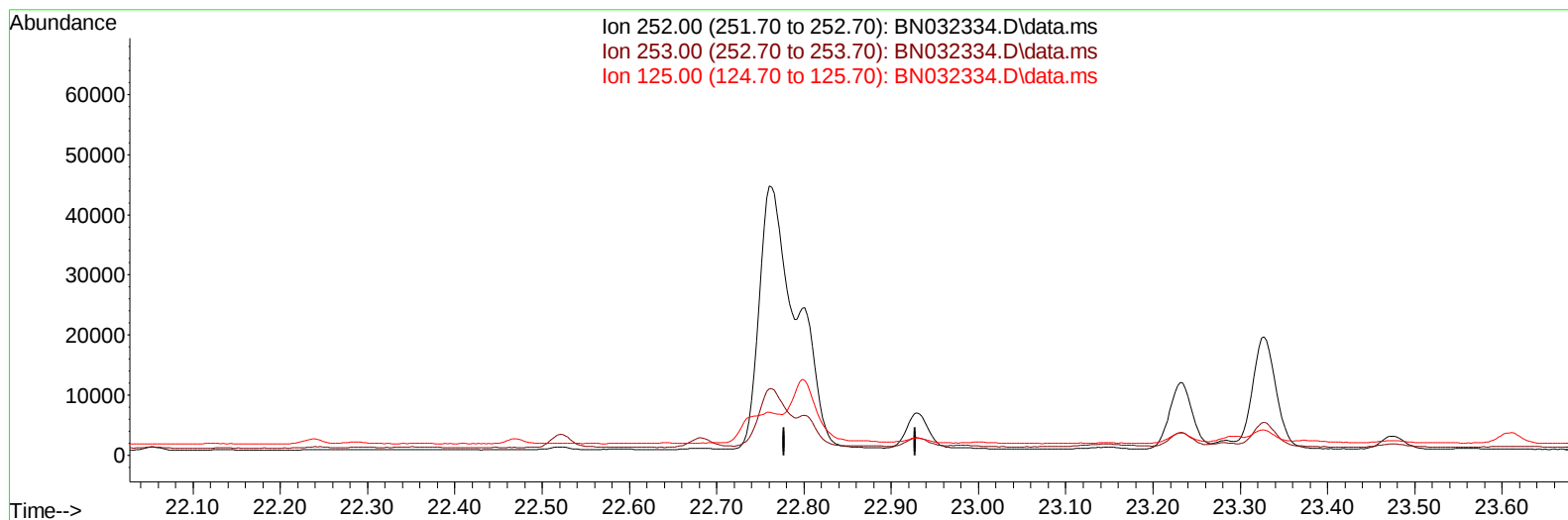
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032334.D
Acq On : 29 Jun 2024 03:52
Operator : MA/JU
Sample : P2934-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B61

Manual IntegrationsAPPROVED

Quant Time: Jun 29 04:41:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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QLast Update : Thu Jun 27 13:23:38 2024
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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032334.D\data.ms

(25) Benzo(k)fluoranthene

22.828min (-22.828) 0.00 ng/u1

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	25.40	0.00#
125.00	16.00	0.00#
0.00	0.00	0.00

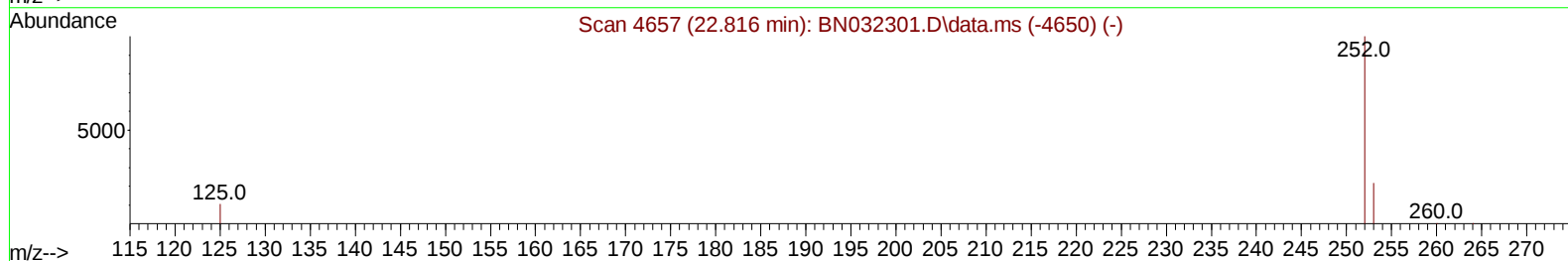
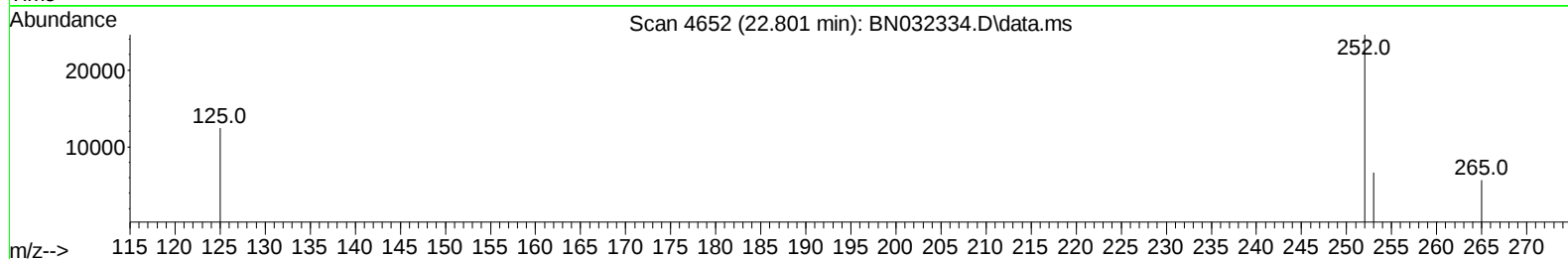
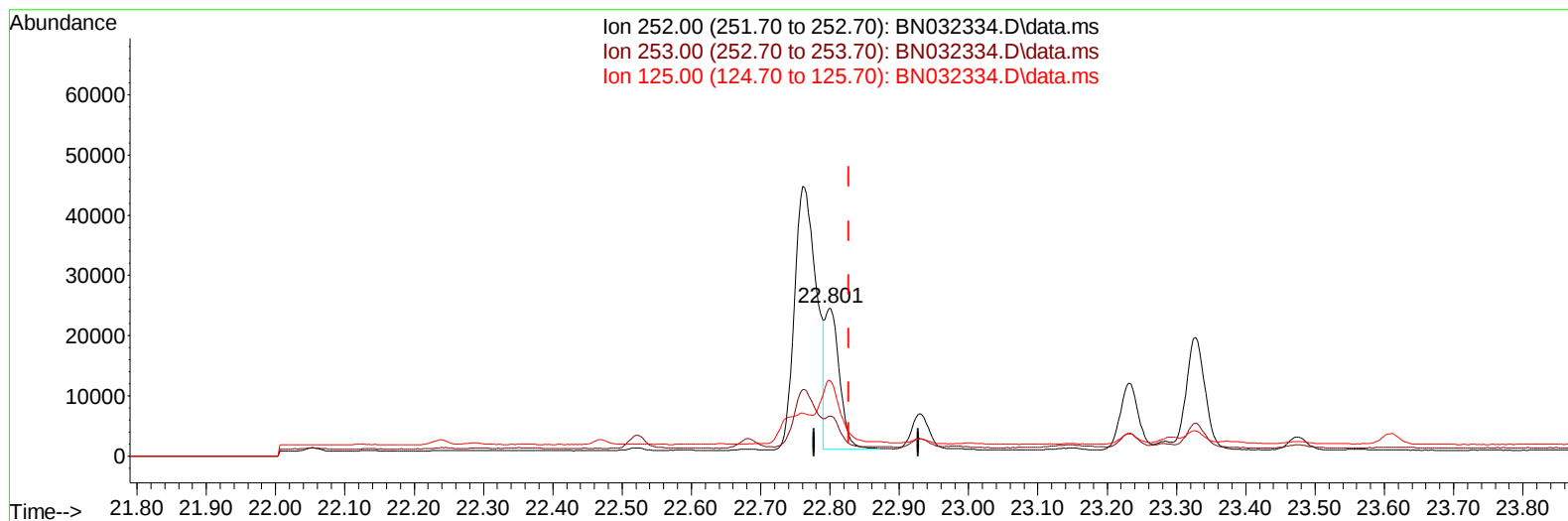
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032334.D
Acq On : 29 Jun 2024 03:52
Operator : MA/JU
Sample : P2934-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B61

Manual IntegrationsAPPROVED

Quant Time: Jun 29 04:41:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032334.D\data.ms

(25) Benzo(k)fluoranthene

22.801min (-0.026) 0.36 ng/u1 m

response 35074

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	27.03
125.00	16.00	50.68#
0.00	0.00	0.00

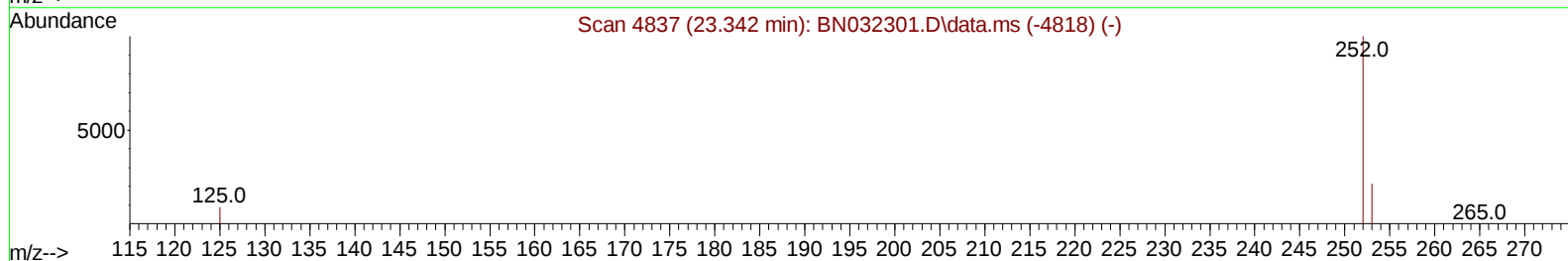
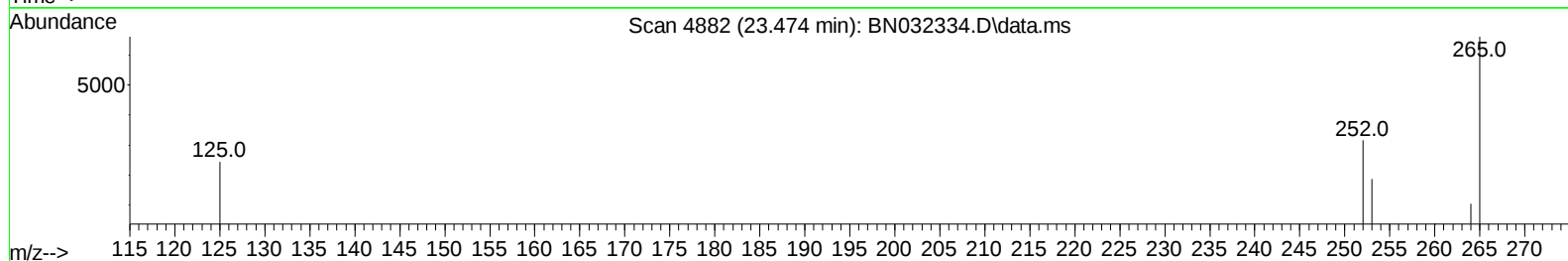
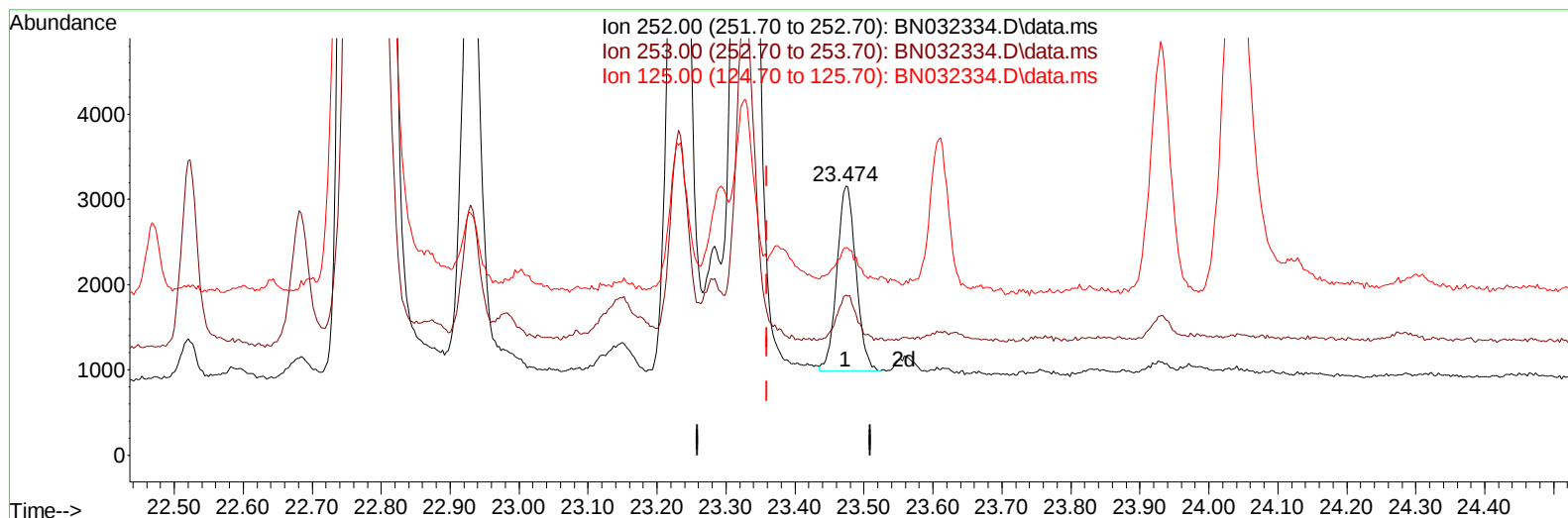
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032334.D
Acq On : 29 Jun 2024 03:52
Operator : MA/JU
Sample : P2934-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B61

Manual IntegrationsAPPROVED

Quant Time: Jun 29 04:41:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032334.D\data.ms

(26) Benzo(a)pyrene (C)

23.474min (+ 0.114) 0.06 ng/u1

response 4178

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	59.42#
125.00	20.50	77.32#
0.00	0.00	0.00

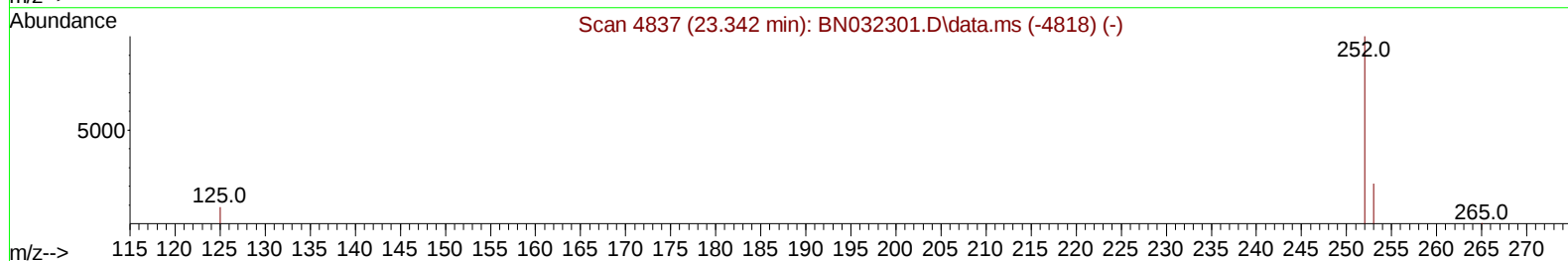
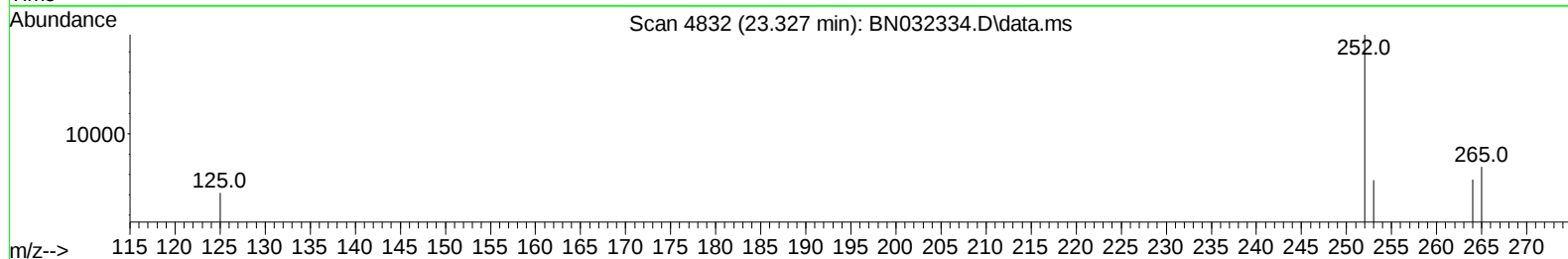
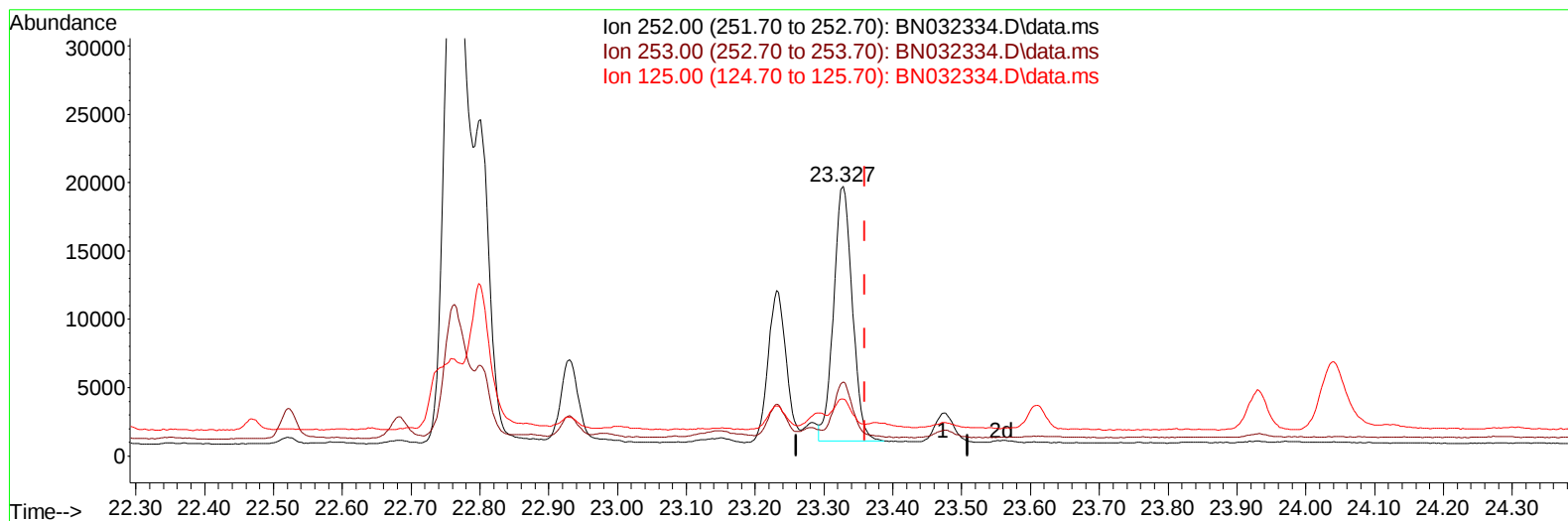
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032334.D
Acq On : 29 Jun 2024 03:52
Operator : MA/JU
Sample : P2934-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B61

Manual IntegrationsAPPROVED

Quant Time: Jun 29 04:41:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032334.D\data.ms

(26) Benzo(a)pyrene (C)

23.327min (-0.032) 0.50 ng/u1 m

response 35181

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	27.42
125.00	20.50	21.20
0.00	0.00	0.00

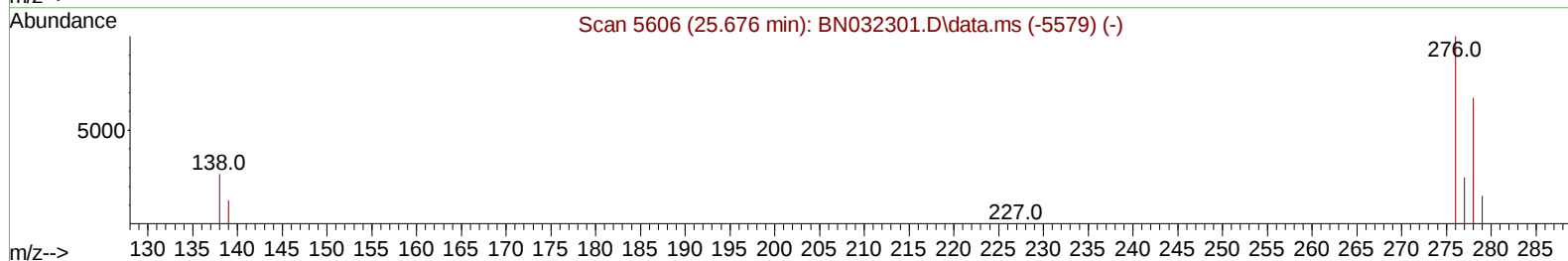
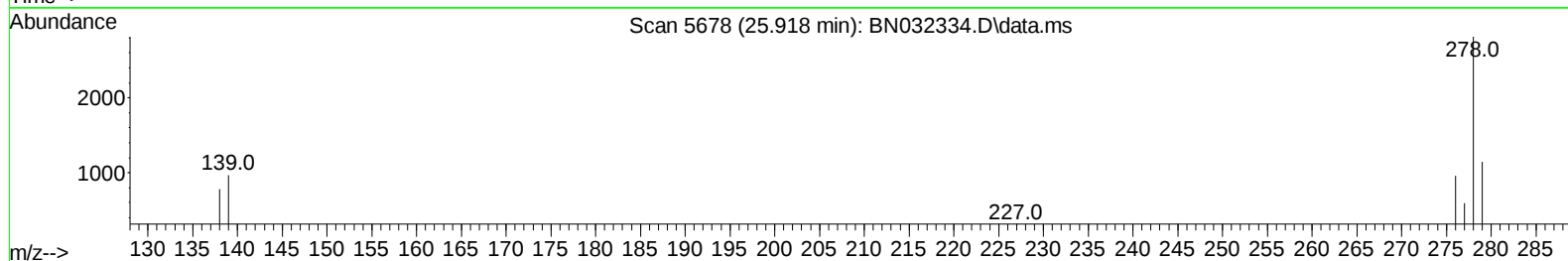
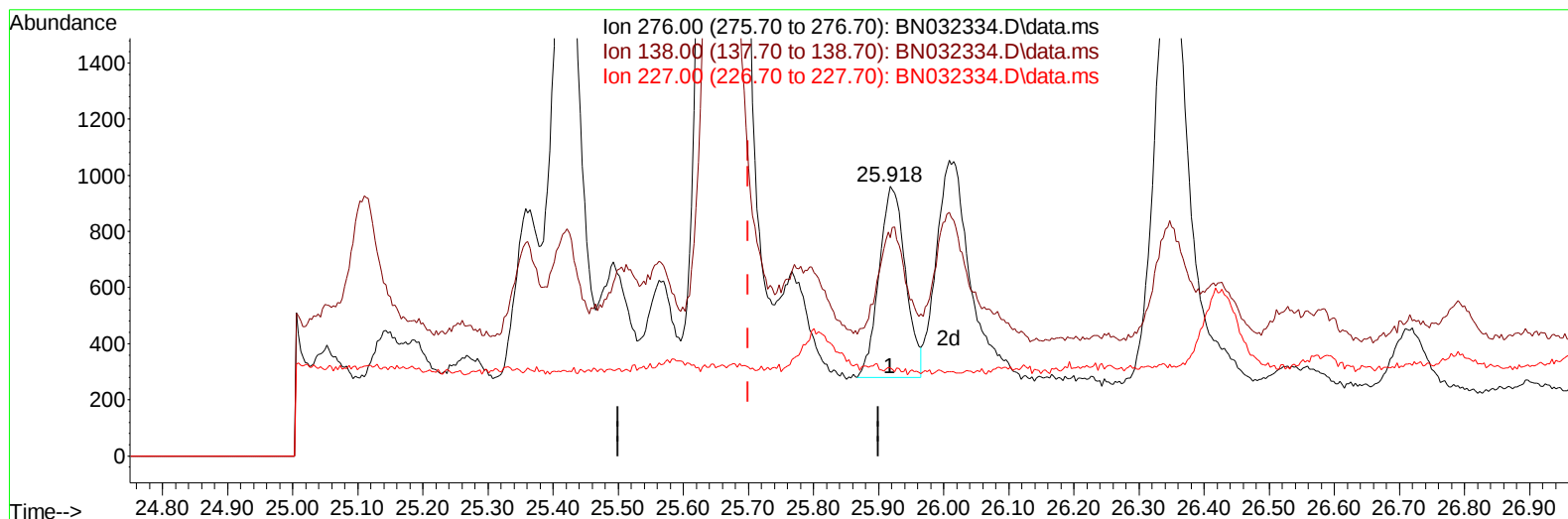
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032334.D
 Acq On : 29 Jun 2024 03:52
 Operator : MA/JU
 Sample : P2934-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B61

Manual IntegrationsAPPROVED

Quant Time: Jun 29 04:41:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024



TIC: BN032334.D\data.ms

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

25.918min (+ 0.218) 0.02 ng/u1

response 1933

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	56.60#
227.00	0.10	1.03#
0.00	0.00	0.00

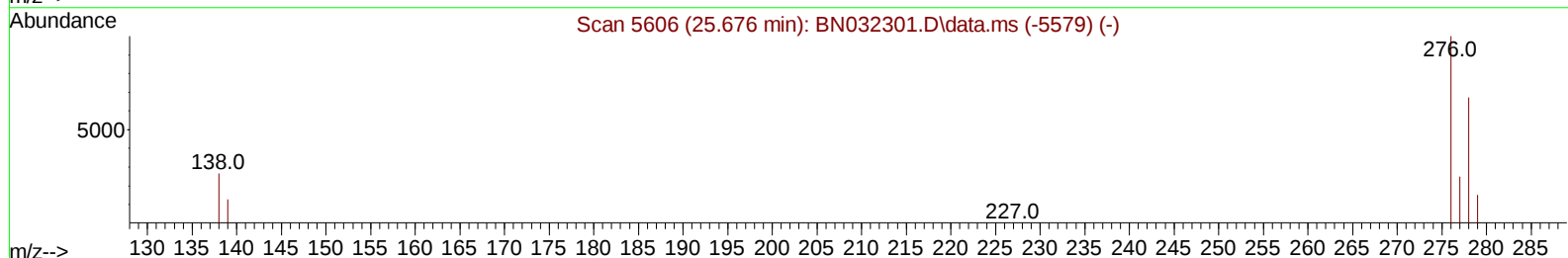
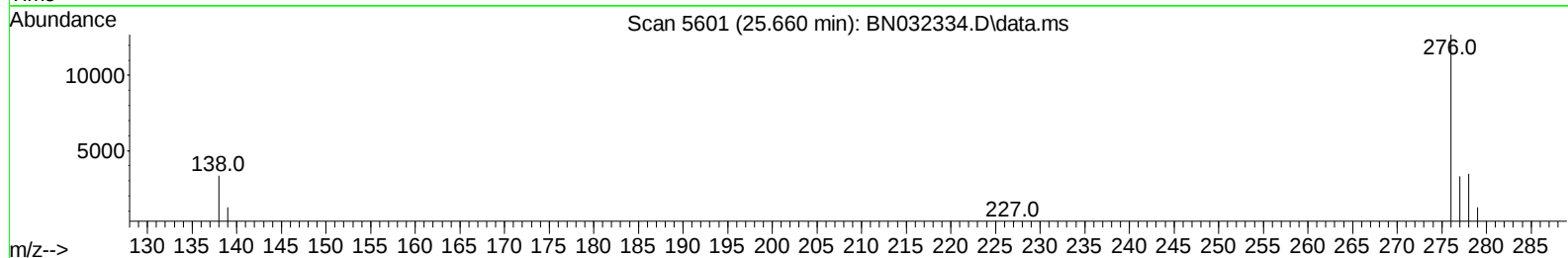
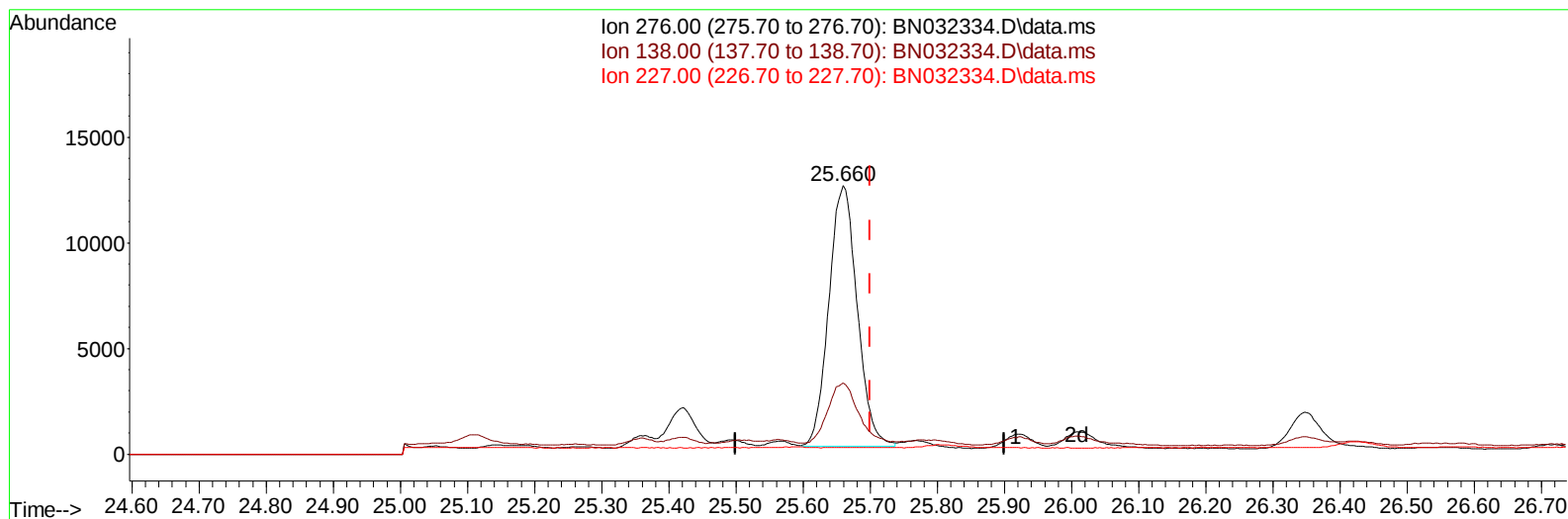
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032334.D
Acq On : 29 Jun 2024 03:52
Operator : MA/JU
Sample : P2934-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B61

Manual IntegrationsAPPROVED

Quant Time: Jun 29 04:41:47 2024
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QLast Update : Thu Jun 27 13:23:38 2024
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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032334.D\data.ms

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

25.660min (-0.040) 0.33 ng/u1 m

response 36166

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	3.02#
227.00	0.10	0.06#
0.00	0.00	0.00

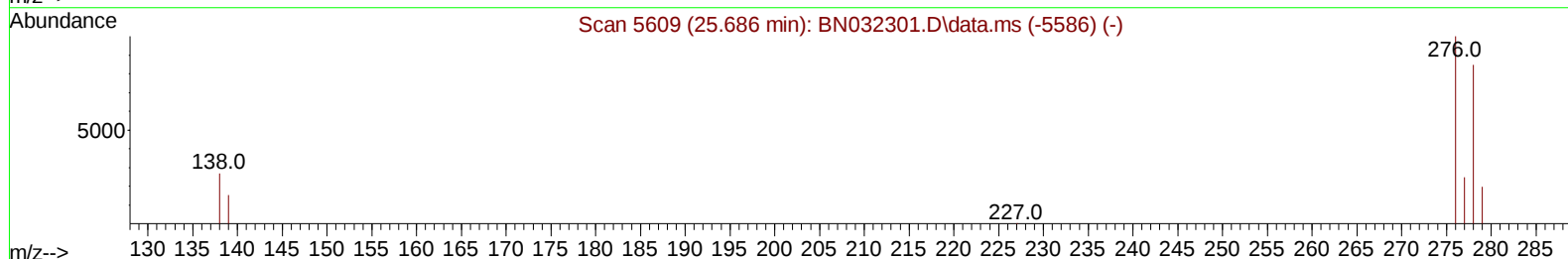
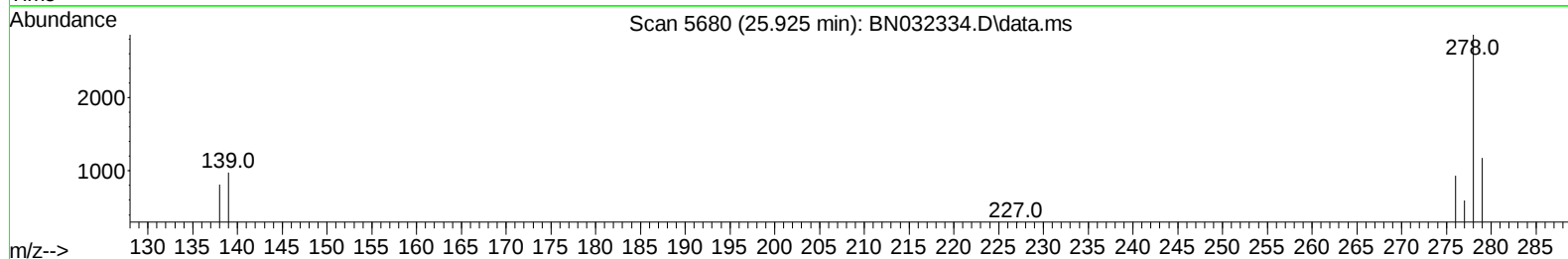
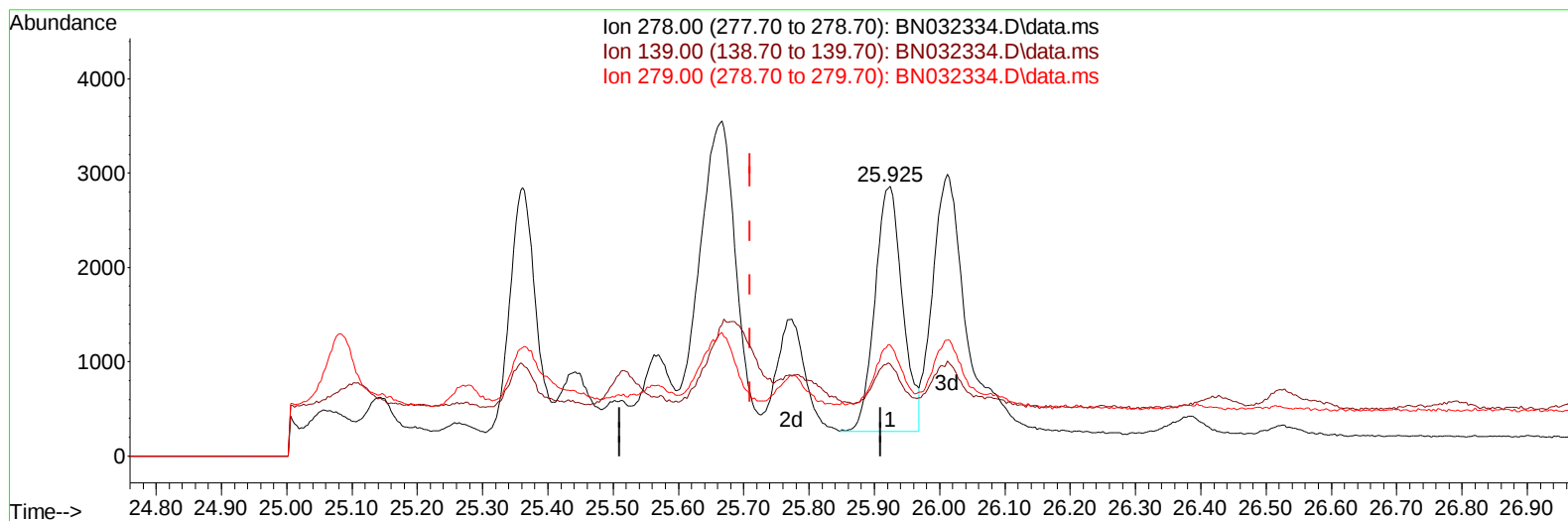
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032334.D
 Acq On : 29 Jun 2024 03:52
 Operator : MA/JU
 Sample : P2934-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B61

Manual IntegrationsAPPROVED

Quant Time: Jun 29 04:41:47 2024
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TIC: BN032334.D\data.ms

(28) Dibenzo(a,h)anthracene

25.925min (+ 0.215) 0.09 ng/u1

response 7639

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	34.14#
279.00	26.40	41.13#
0.00	0.00	0.00

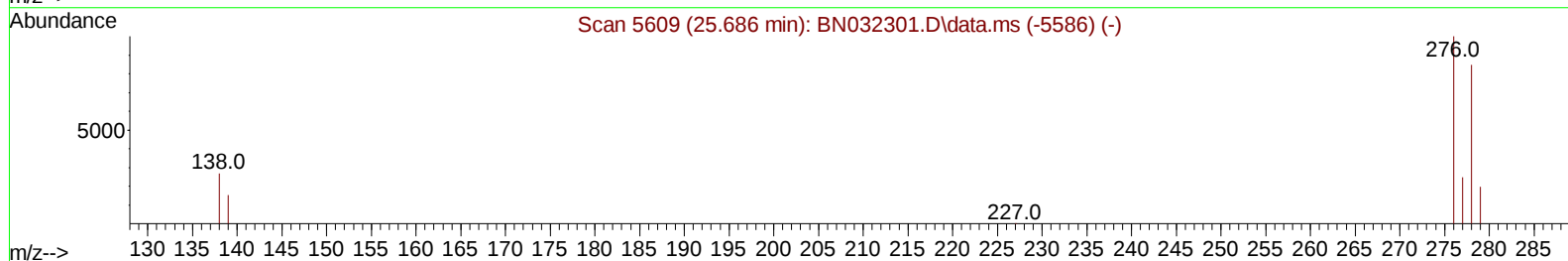
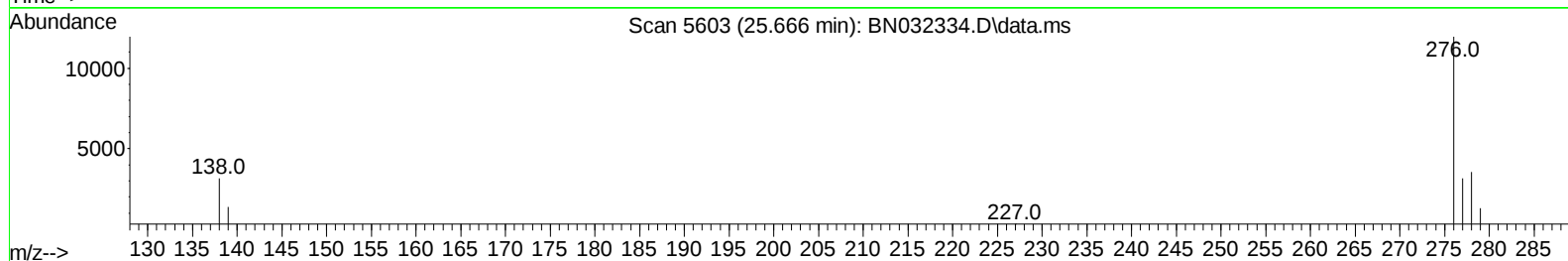
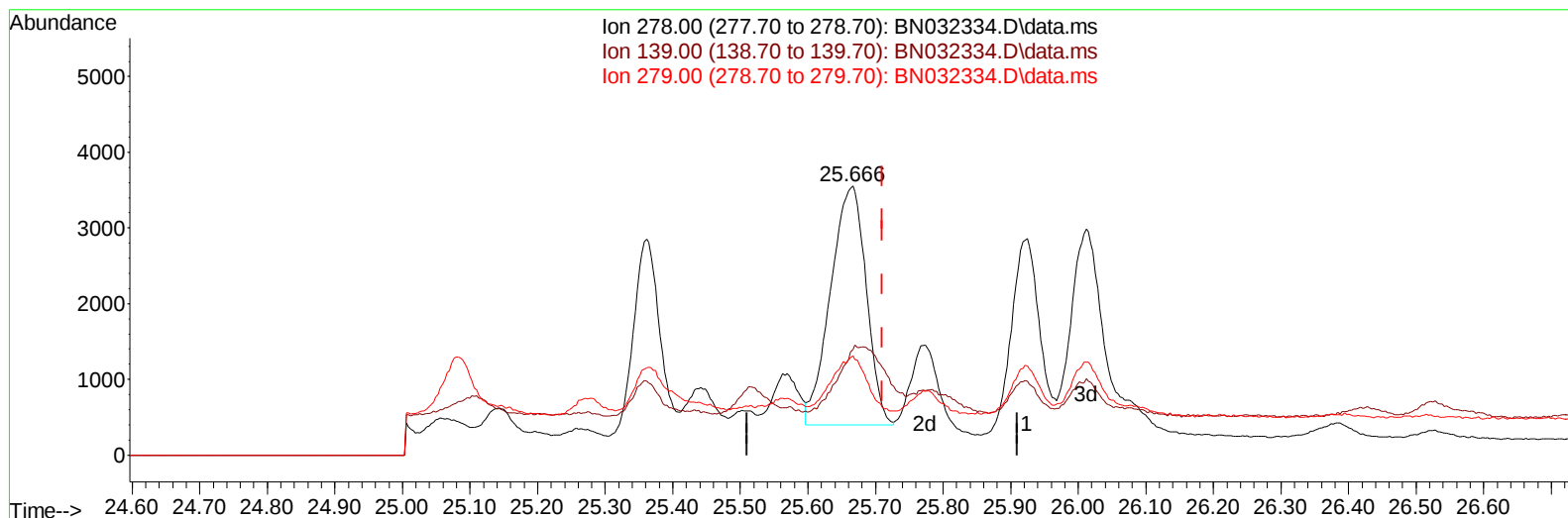
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032334.D
Acq On : 29 Jun 2024 03:52
Operator : MA/JU
Sample : P2934-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B61

Manual IntegrationsAPPROVED

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TIC: BN032334.D\data.ms

(28) Dibenzo(a,h)anthracene

25.666min (-0.044) 0.14 ng/ul m

response 11612

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	39.19#
279.00	26.40	36.97#
0.00	0.00	0.00

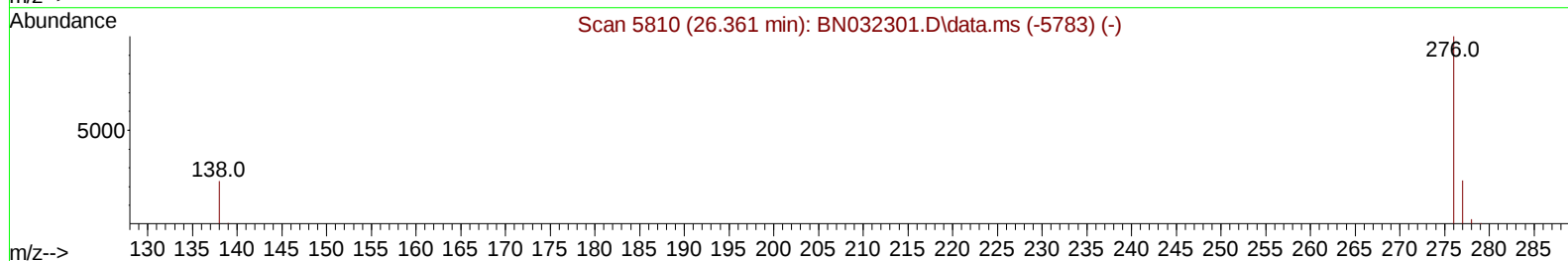
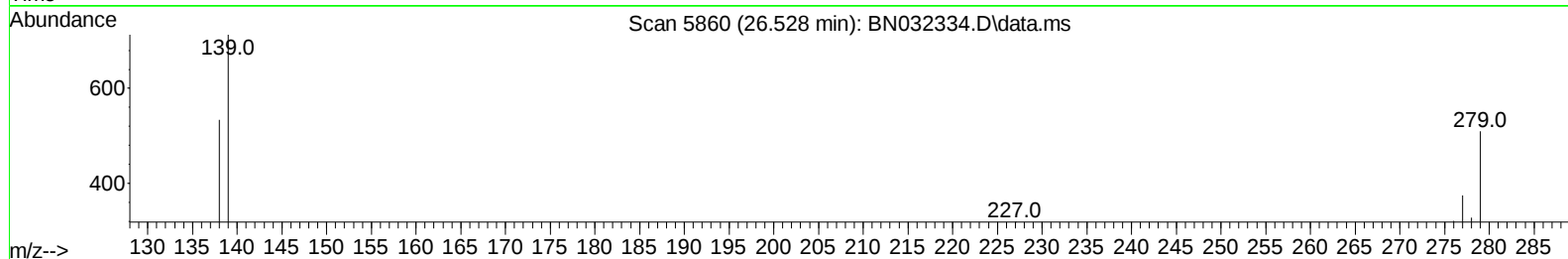
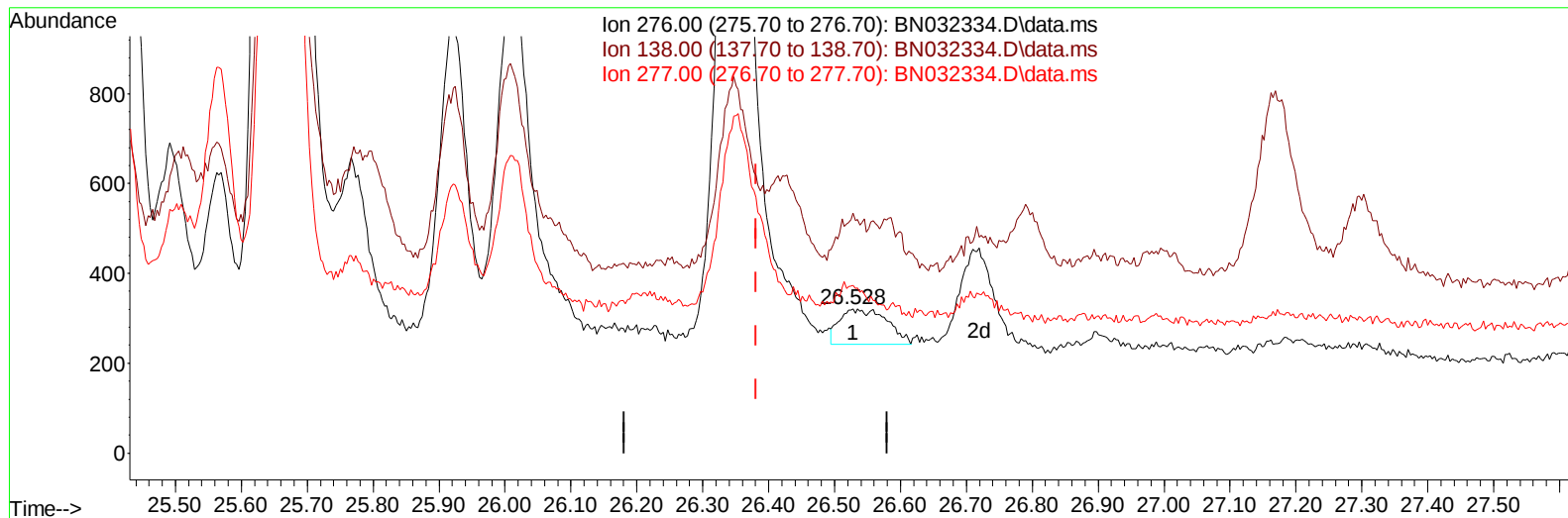
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032334.D
Acq On : 29 Jun 2024 03:52
Operator : MA/JU
Sample : P2934-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B61

Manual IntegrationsAPPROVED

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TIC: BN032334.D\data.ms

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

26.528min (+ 0.148) 0.00 ng/u1

response 390

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	166.36#
277.00	24.70	116.51#
0.00	0.00	0.00

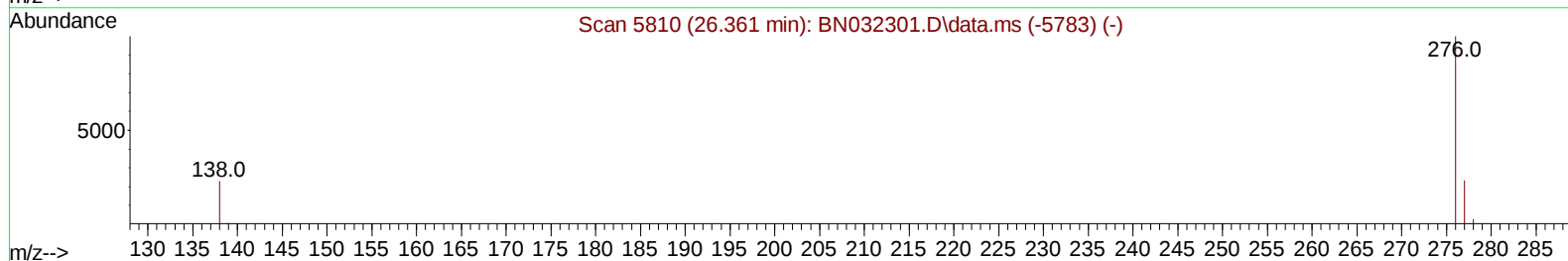
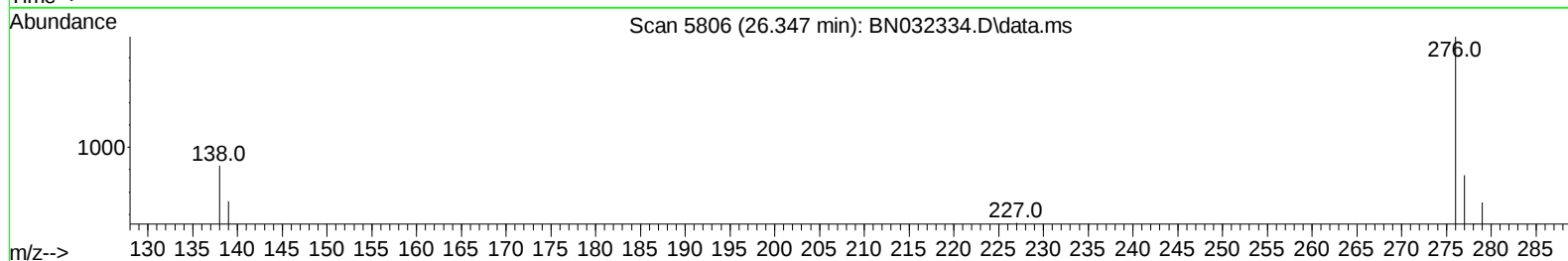
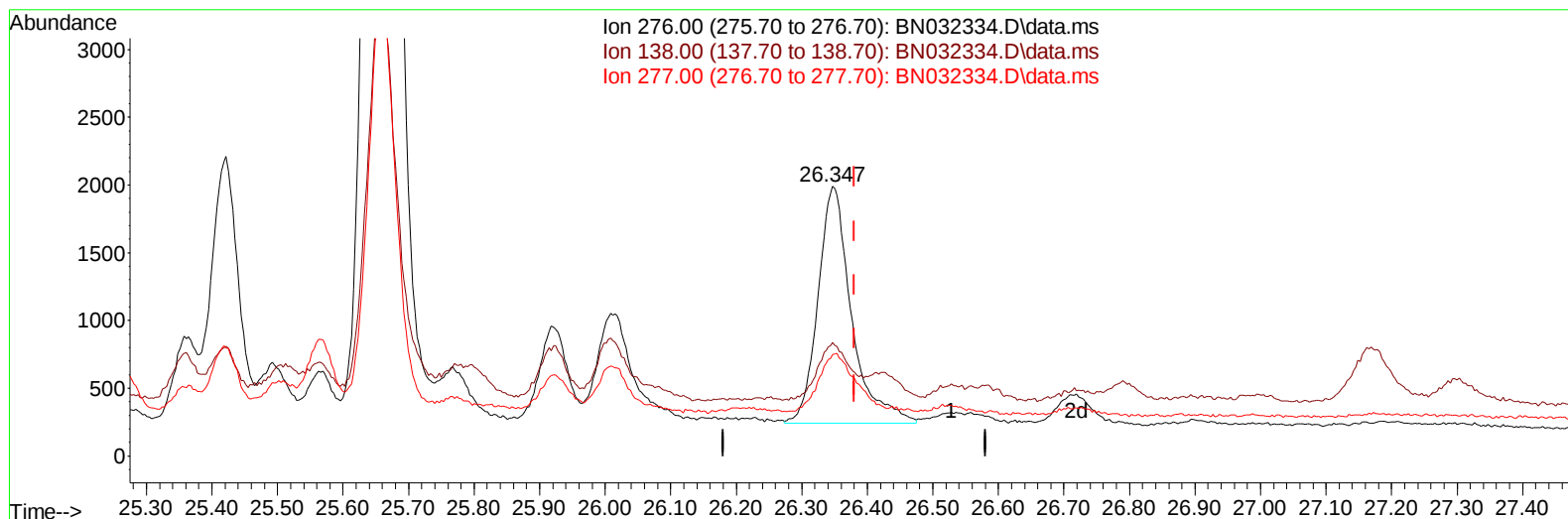
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032334.D
 Acq On : 29 Jun 2024 03:52
 Operator : MA/JU
 Sample : P2934-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B61

Manual IntegrationsAPPROVED

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TIC: BN032334.D\data.ms

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

26.347min (-0.034) 0.07 ng/ul m

response 6232

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	42.13#
277.00	24.70	37.71#
0.00	0.00	0.00

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 Data File : BN032334.D
 Acq On : 29 Jun 2024 03:52
 Operator : MA/JU
 Sample : P2934-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B61

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.612	152	9360	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	28334	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.258	164	15195	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.012	188	27543m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.211	240	21814m	0.400	ng/ul	-0.01
23) Perylene-d12	23.430	264	23077m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	26826	2.578	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.988	152	7282	0.171	ng/ul	-0.01
18) Fluoranthene-d10	19.045	212	12322m	0.188	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.437	128	2873	0.038	ng/ul#	89
10) Acenaphthylene	13.976	152	4183	0.066	ng/ul#	90
11) Acenaphthene	14.323	153	2366	0.048	ng/ul	98
12) Fluorene	15.313	166	2768	0.047	ng/ul#	98
15) Phenanthrene	17.054	178	60058m	0.795	ng/ul	
16) Anthracene	17.143	178	11018m	0.164	ng/ul	
19) Fluoranthene	19.078	202	133706m	1.610	ng/ul	
20) Pyrene	19.440	202	97585m	1.124	ng/ul	
21) Benzo(a)anthracene	21.194	228	55640m	0.707	ng/ul	
22) Chrysene	21.247	228	70027m	0.810	ng/ul	
24) Benzo(b)fluoranthene	22.760	252	96244m	0.960	ng/ul	
25) Benzo(k)fluoranthene	22.801	252	35074m	0.360	ng/ul	
26) Benzo(a)pyrene	23.327	252	35181m	0.504	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.660	276	36166m	0.331	ng/ul	
28) Dibenzo(a,h)anthracene	25.666	278	11612m	0.143	ng/ul	
29) Benzo(g,h,i)perylene	26.347	276	6232m	0.072	ng/ul	

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

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Sample : P2934-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B61

Manual IntegrationsAPPROVED

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