

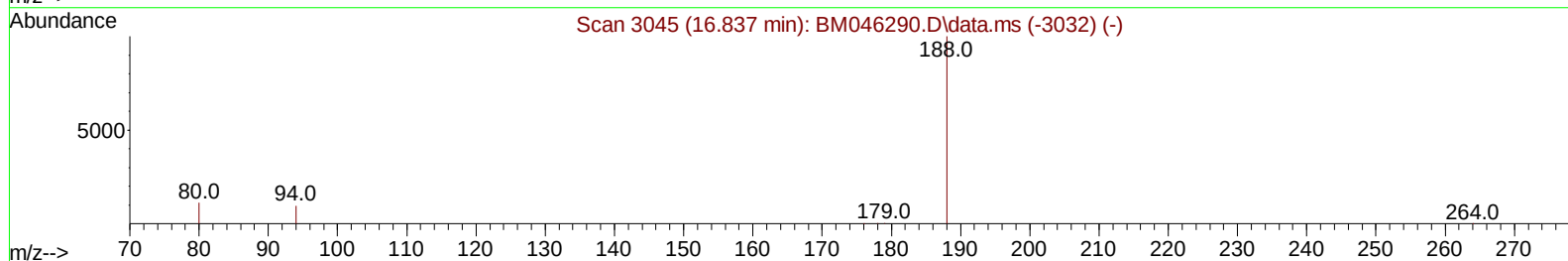
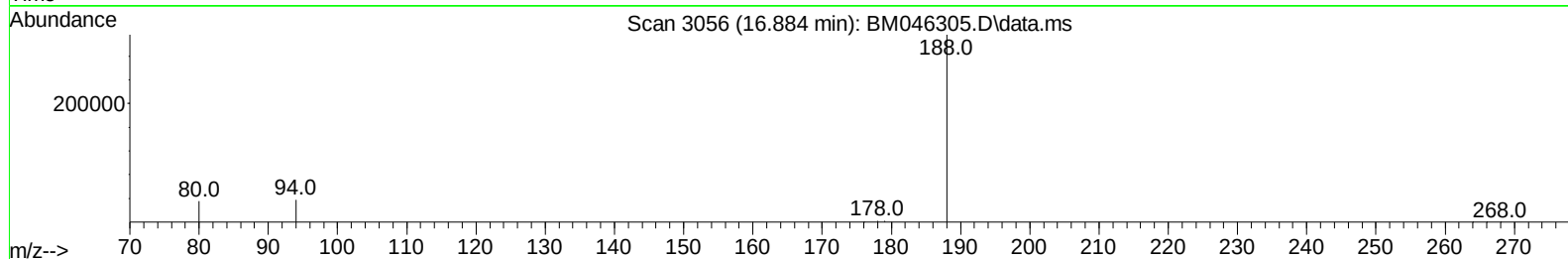
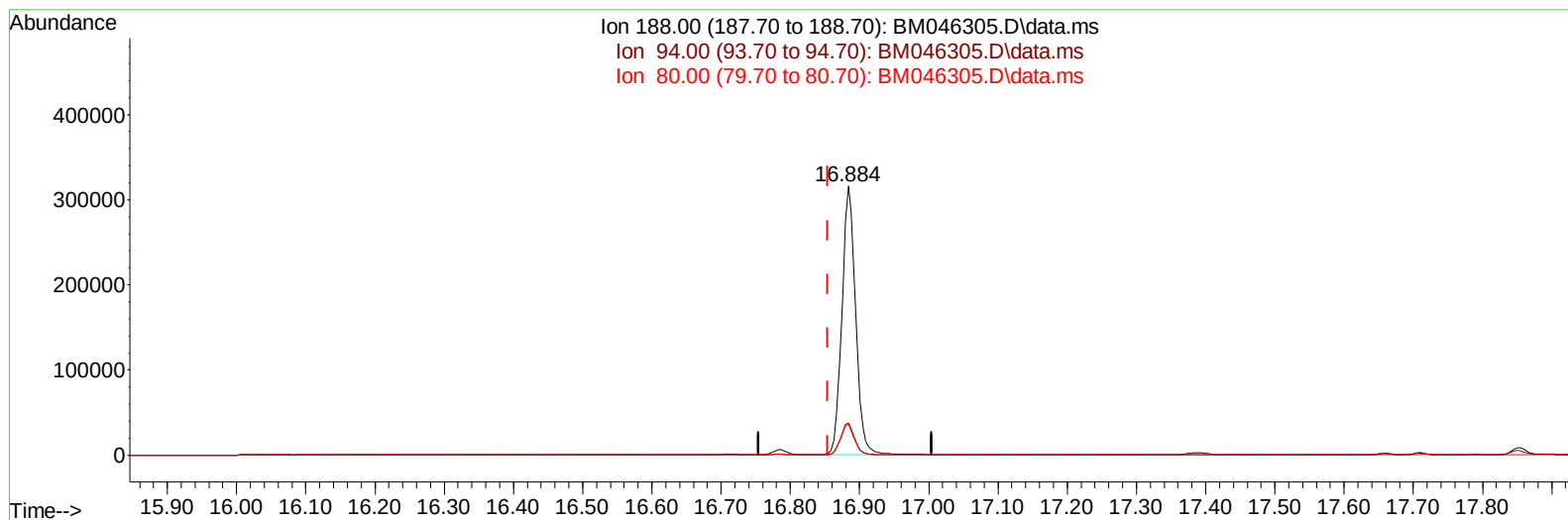
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046305.D
Acq On : 25 Jun 2024 23:24
Operator : MA/JU
Sample : P2844-15
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C69

Manual IntegrationsAPPROVED

Quant Time: Jun 26 00:05:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 08:04:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



TIC: BM046305.D\data.ms

(13) Phenanthrene-d10 (I)

16.884min (+ 0.030) 0.40 ng/u1

response 432493

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	11.96
80.00	15.20	11.36#
0.00	0.00	0.00

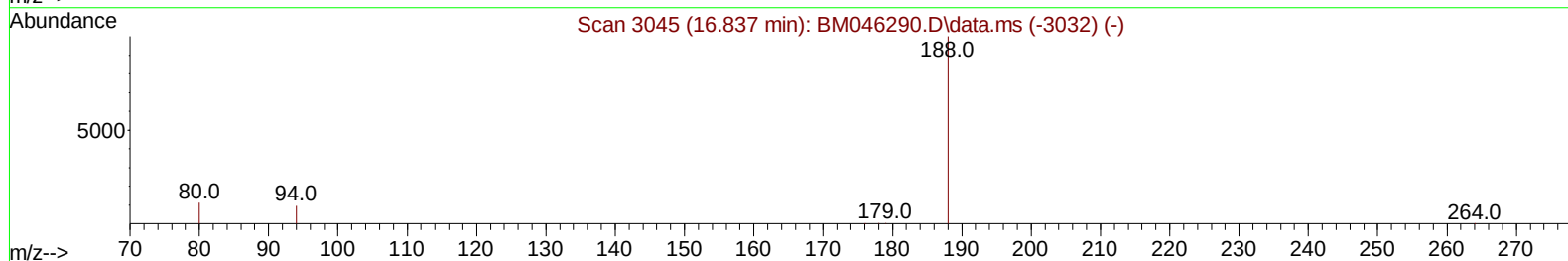
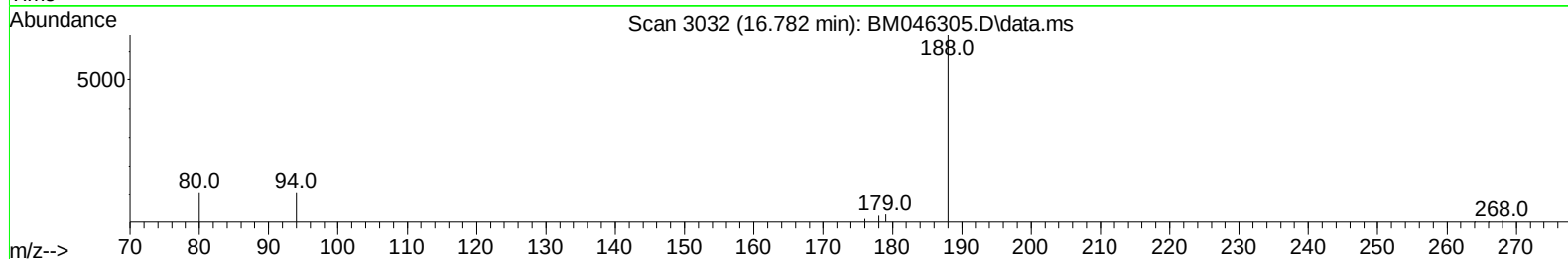
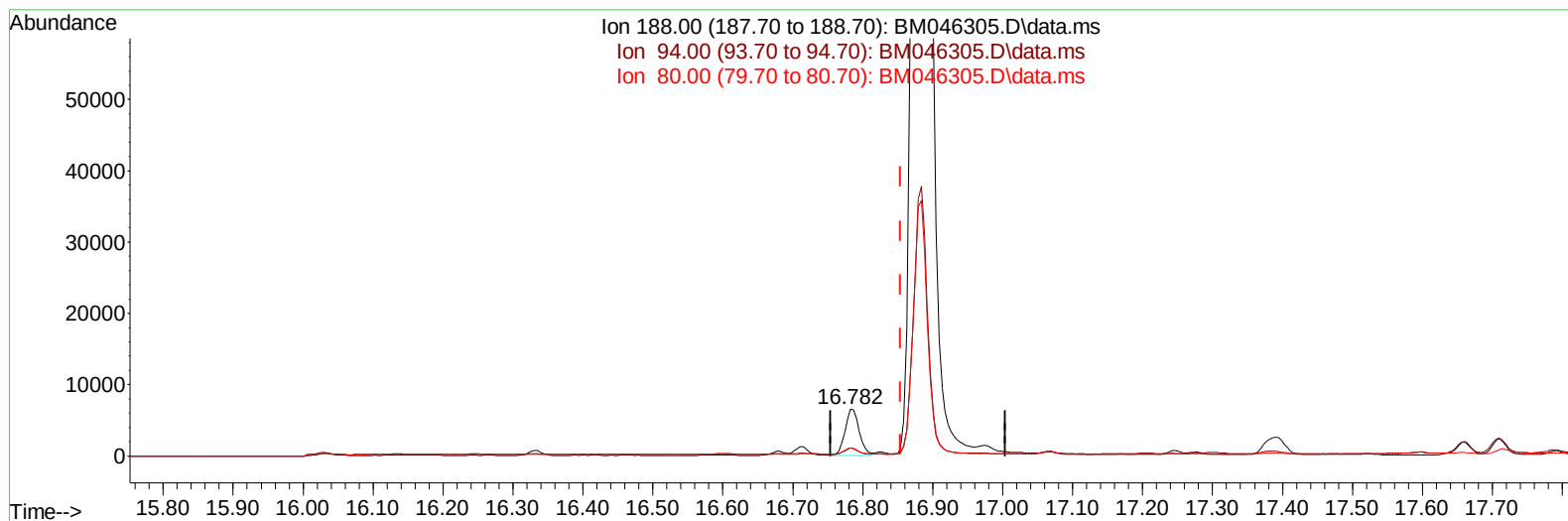
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046305.D
Acq On : 25 Jun 2024 23:24
Operator : MA/JU
Sample : P2844-15
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C69

Manual IntegrationsAPPROVED

Quant Time: Jun 26 00:05:28 2024
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QLast Update : Tue Jun 25 08:04:59 2024
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Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



TIC: BM046305.D\data.ms

(13) Phenanthrene-d10 (I)

16.782min (-0.072) 0.40 ng/ul m

response 9006

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	16.55
80.00	15.20	16.80
0.00	0.00	0.00

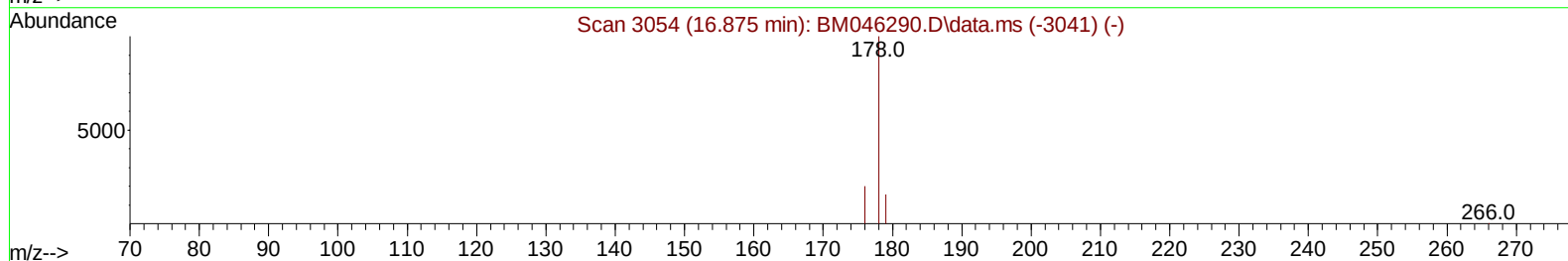
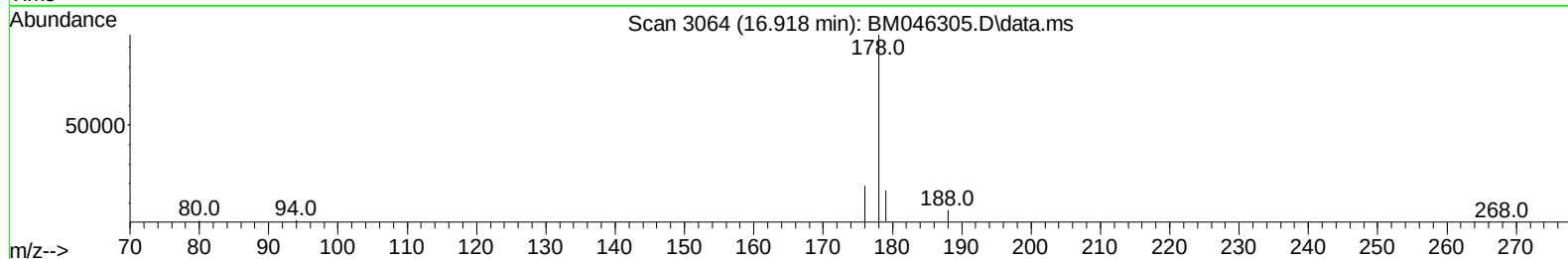
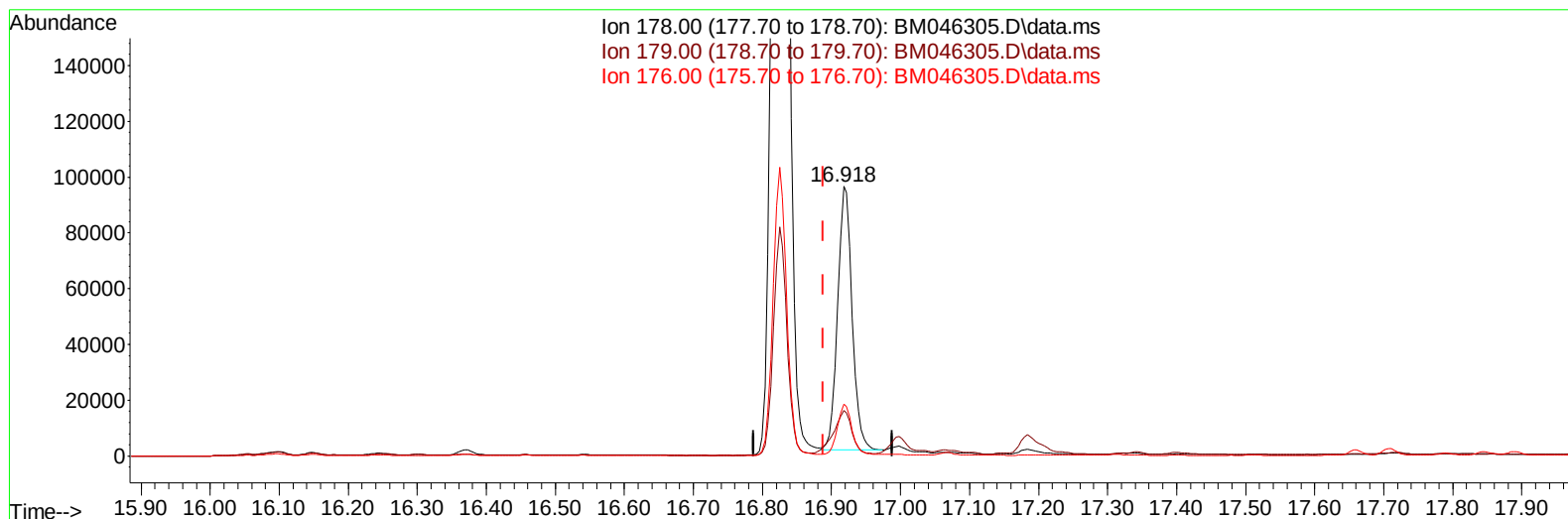
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046305.D
Acq On : 25 Jun 2024 23:24
Operator : MA/JU
Sample : P2844-15
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C69

Manual IntegrationsAPPROVED

Quant Time: Jun 26 00:05:28 2024
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TIC: BM046305.D\data.ms

(15) Phenanthrene

16.918min (+ 0.030) 5.42 ng/u1

response 137246

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	16.96
176.00	21.40	19.30
0.00	0.00	0.00

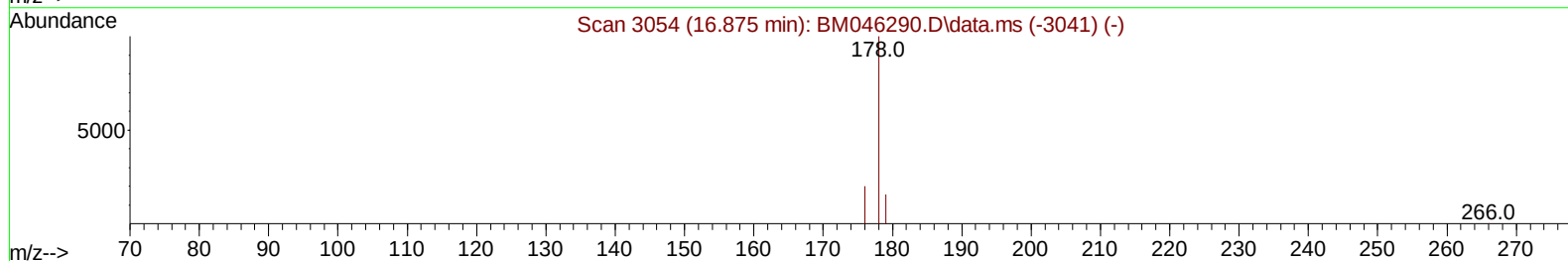
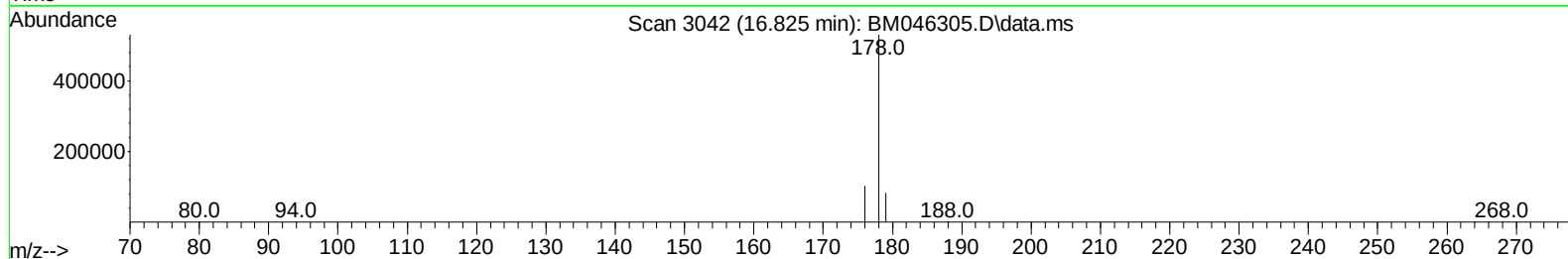
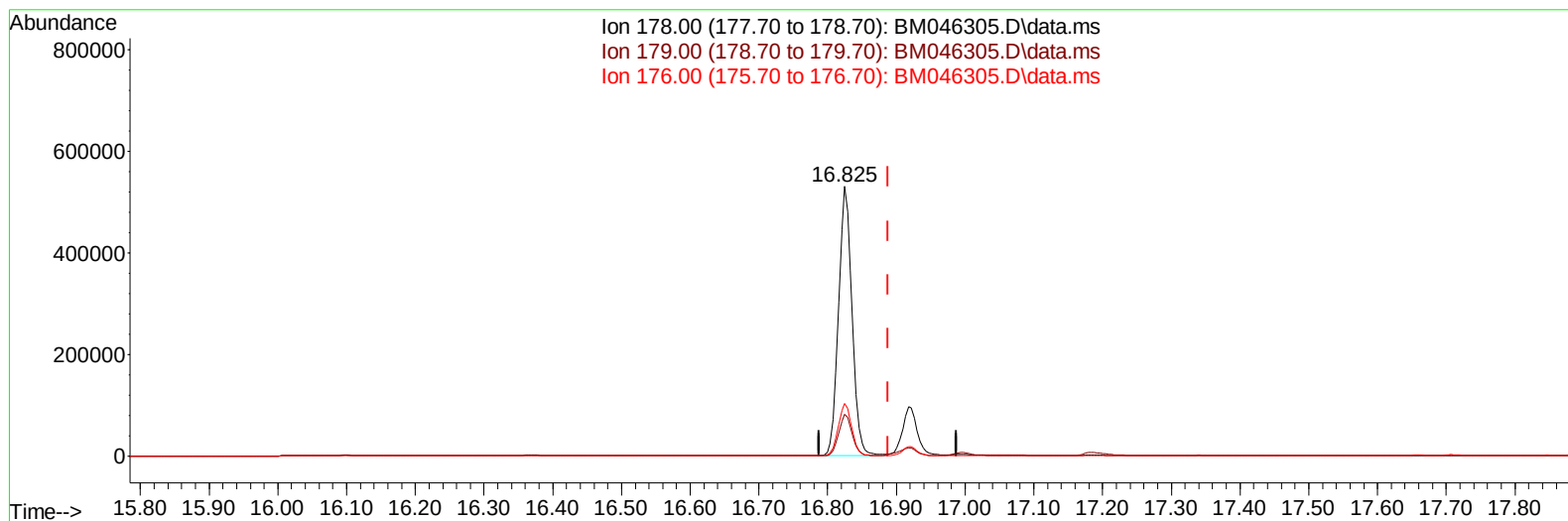
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046305.D
Acq On : 25 Jun 2024 23:24
Operator : MA/JU
Sample : P2844-15
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C69

Manual IntegrationsAPPROVED

Quant Time: Jun 26 00:05:28 2024
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TIC: BM046305.D\data.ms

(15) Phenanthrene

16.825min (-0.063) 28.62 ng/ul m

response 724040

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	15.47
176.00	21.40	19.50
0.00	0.00	0.00

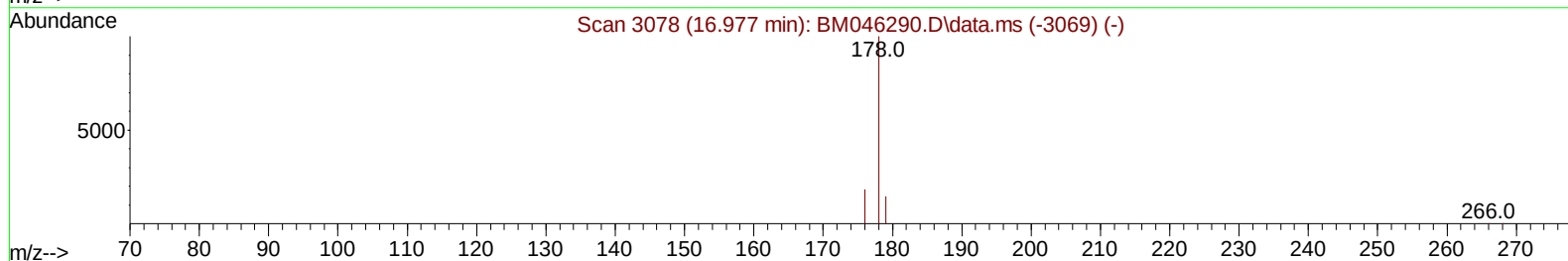
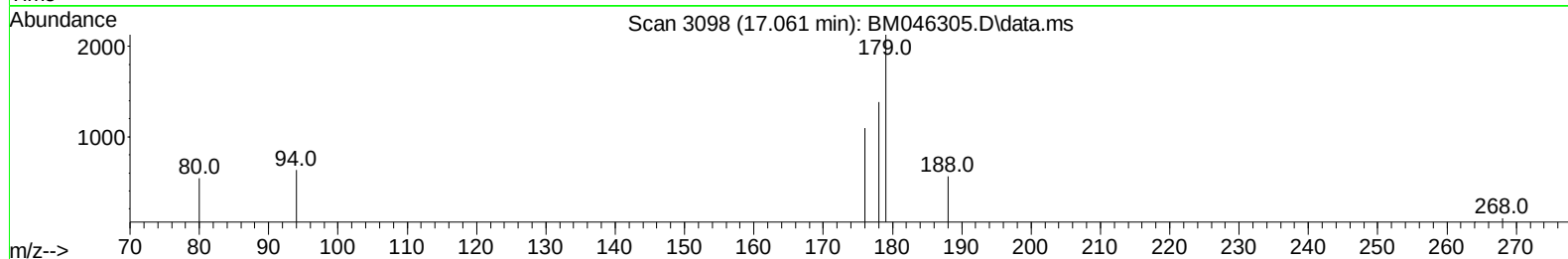
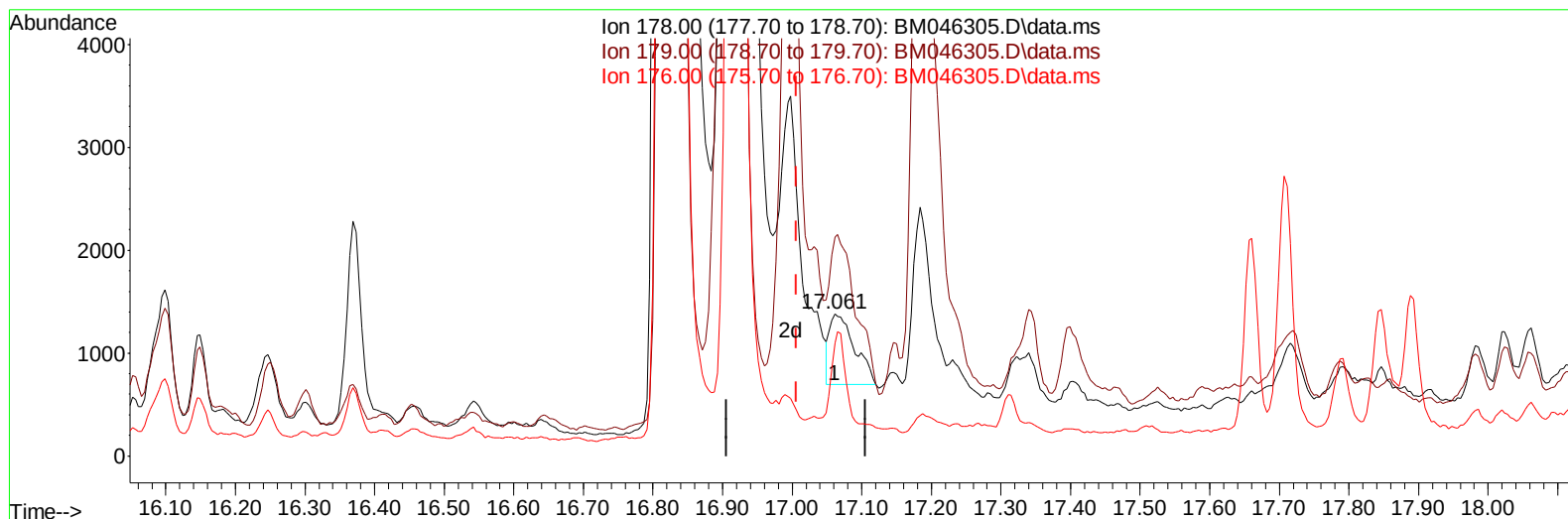
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046305.D
Acq On : 25 Jun 2024 23:24
Operator : MA/JU
Sample : P2844-15
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C69

Manual IntegrationsAPPROVED

Quant Time: Jun 26 00:05:28 2024
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QLast Update : Tue Jun 25 08:04:59 2024
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TIC: BM046305.D\data.ms

(16) Anthracene

17.061min (+ 0.055) 0.09 ng/u1

response 1722

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	154.05#
176.00	21.20	79.16#
0.00	0.00	0.00

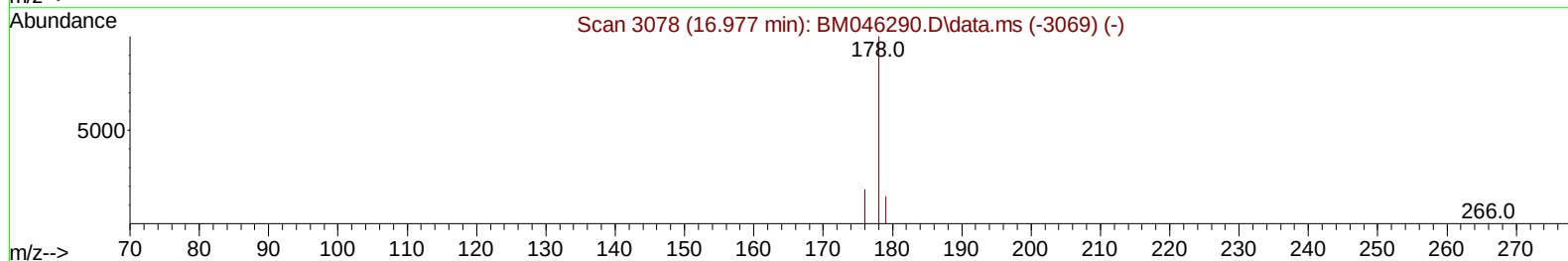
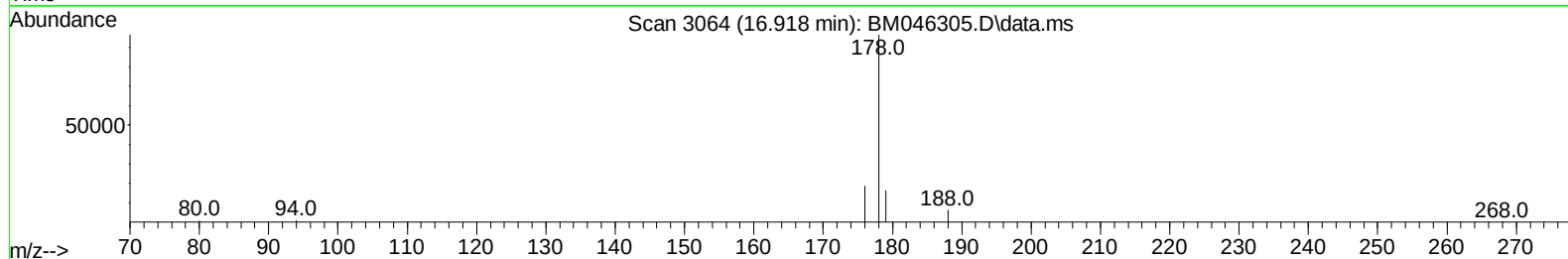
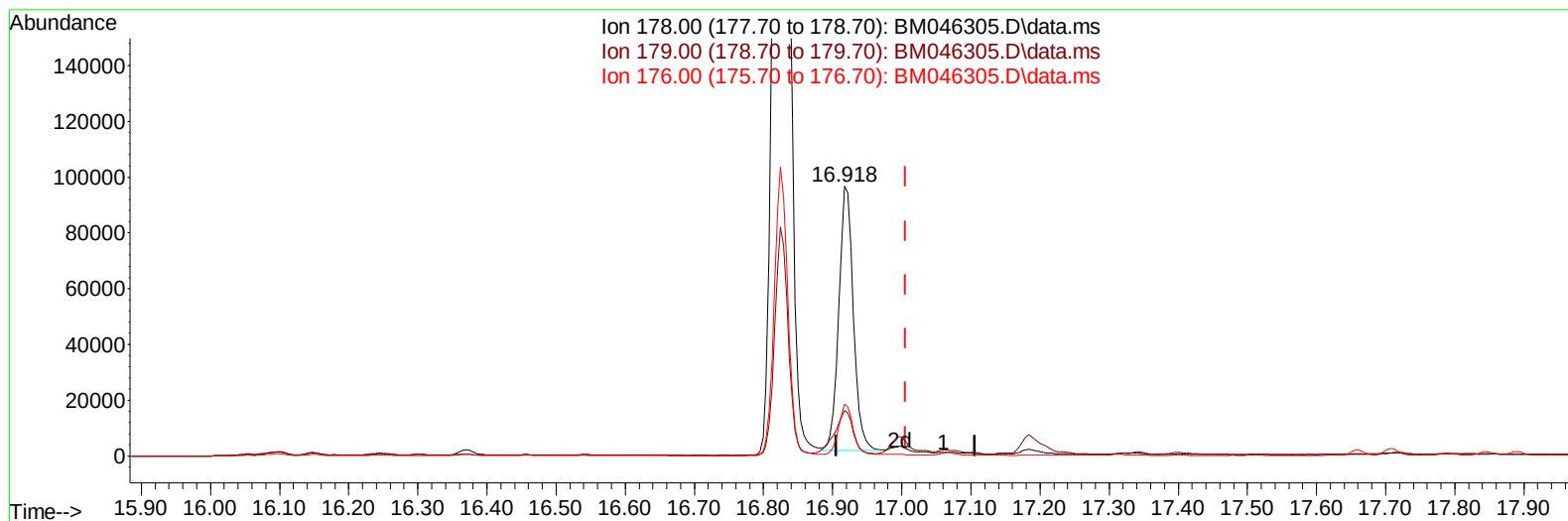
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046305.D
Acq On : 25 Jun 2024 23:24
Operator : MA/JU
Sample : P2844-15
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C69

Manual IntegrationsAPPROVED

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 08:04:59 2024
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Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



TIC: BM046305.D\data.ms

(16) Anthracene

16.918min (-0.089) 7.34 ng/ul m

response 138303

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	16.96
176.00	21.20	19.30
0.00	0.00	0.00

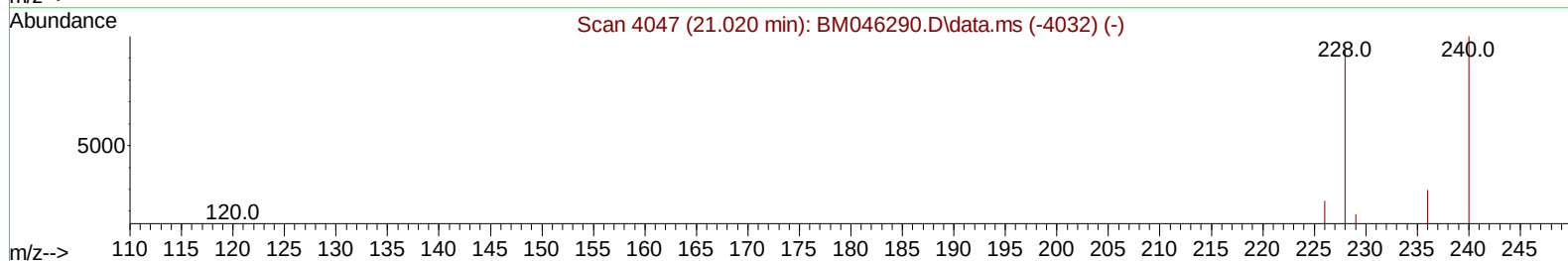
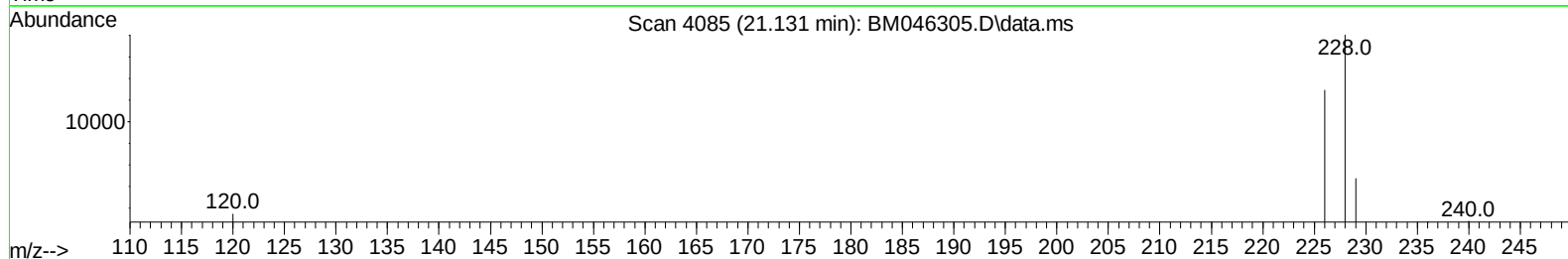
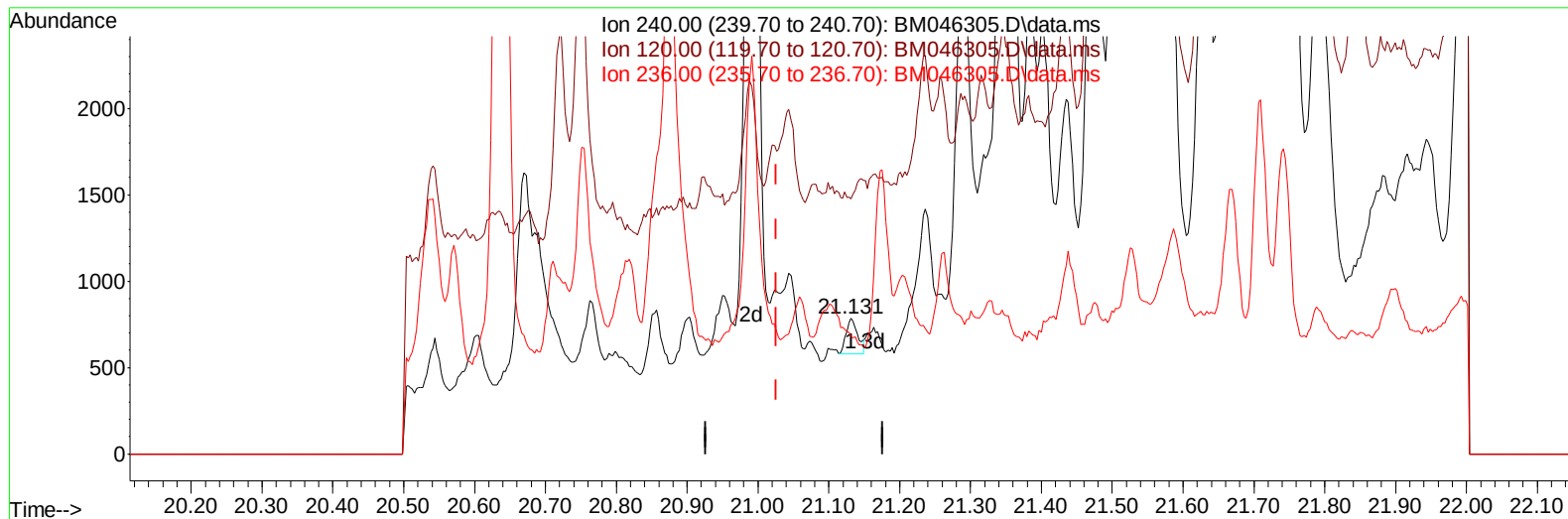
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046305.D
Acq On : 25 Jun 2024 23:24
Operator : MA/JU
Sample : P2844-15
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C69

Manual IntegrationsAPPROVED

Quant Time: Jun 26 00:05:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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TIC: BM046305.D\data.ms

(17) Chrysene-d12

21.131min (+ 0.105) 0.40 ng/u1

response 232

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	188.03#
236.00	33.60	86.75#
0.00	0.00	0.00

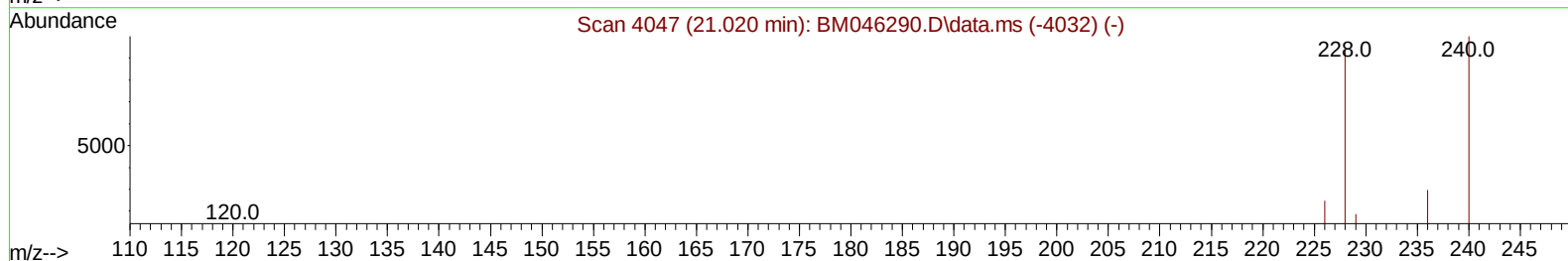
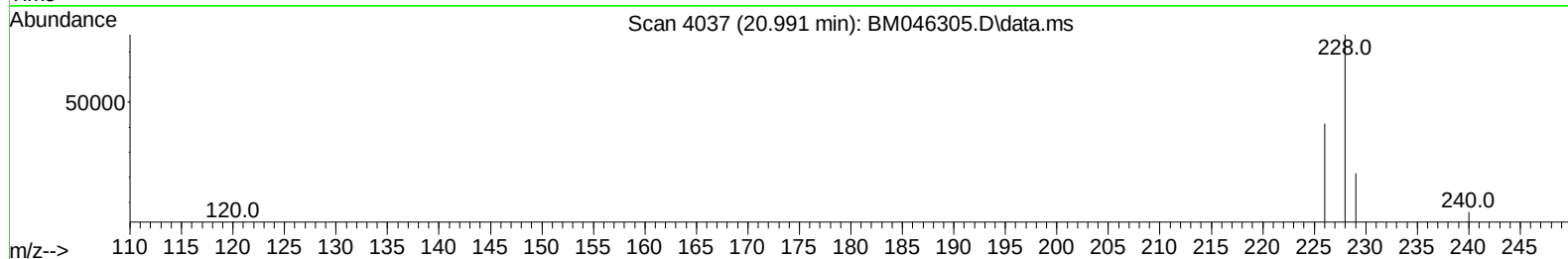
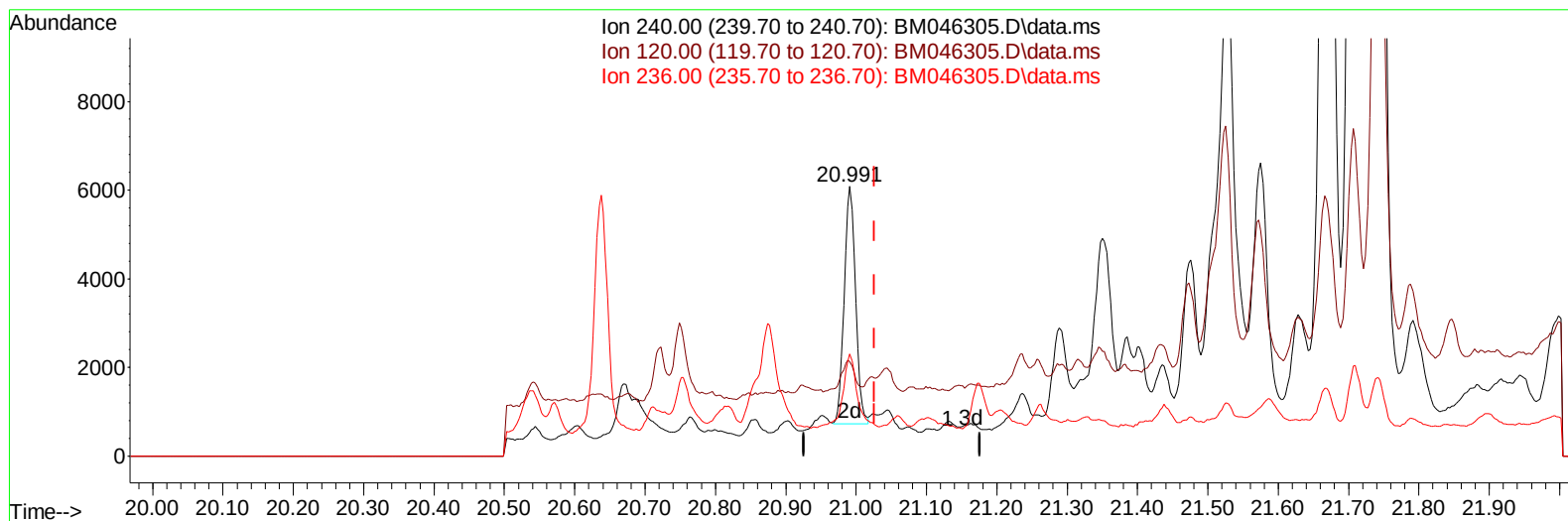
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046305.D
Acq On : 25 Jun 2024 23:24
Operator : MA/JU
Sample : P2844-15
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C69

Manual IntegrationsAPPROVED

Quant Time: Jun 26 00:05:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 08:04:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



TIC: BM046305.D\data.ms

(17) Chrysene-d12

20.991min (-0.035) 0.40 ng/ul m

response 6016

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	34.99#
236.00	33.60	37.88
0.00	0.00	0.00

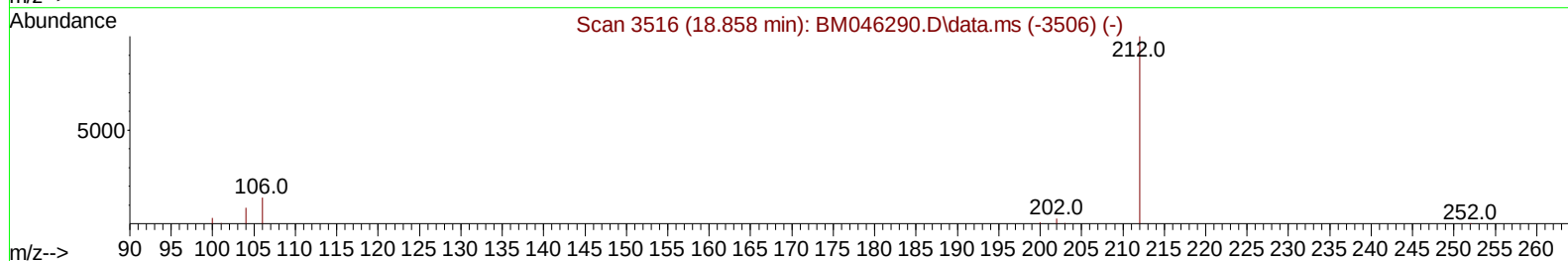
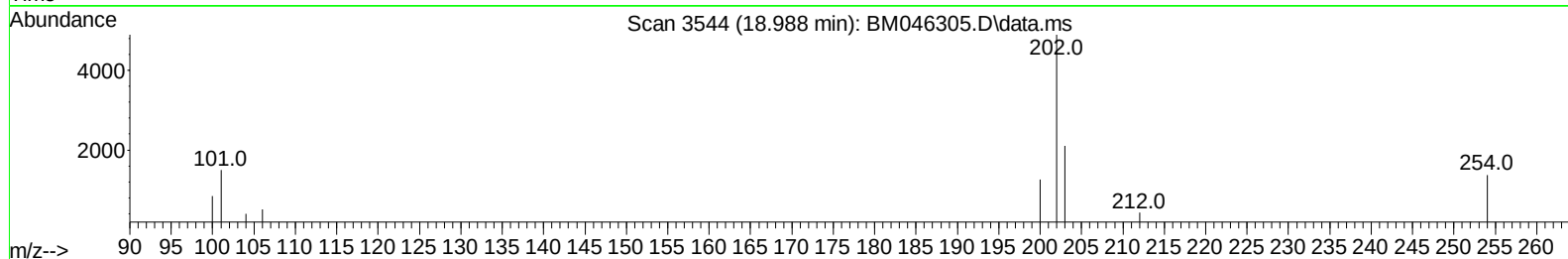
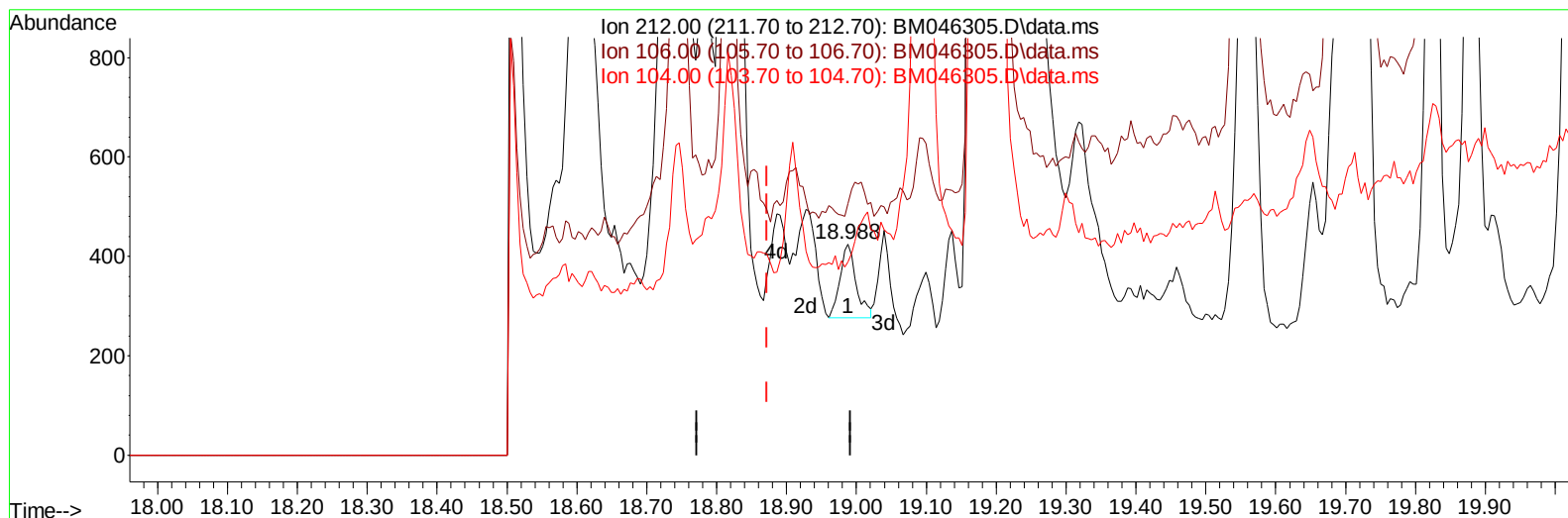
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046305.D
Acq On : 25 Jun 2024 23:24
Operator : MA/JU
Sample : P2844-15
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C69

Manual IntegrationsAPPROVED

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TIC: BM046305.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.988min (+ 0.116) 0.01 ng/u1

response 234

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.70	0.00#
104.00	10.30	0.00#
0.00	0.00	0.00

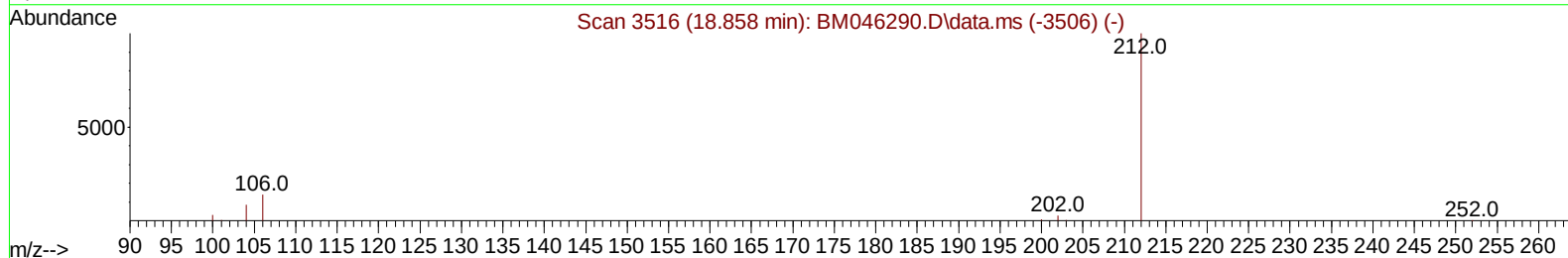
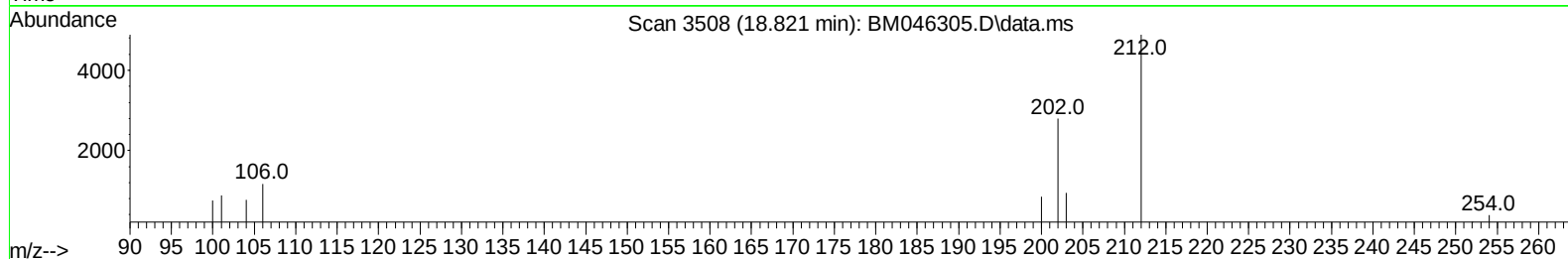
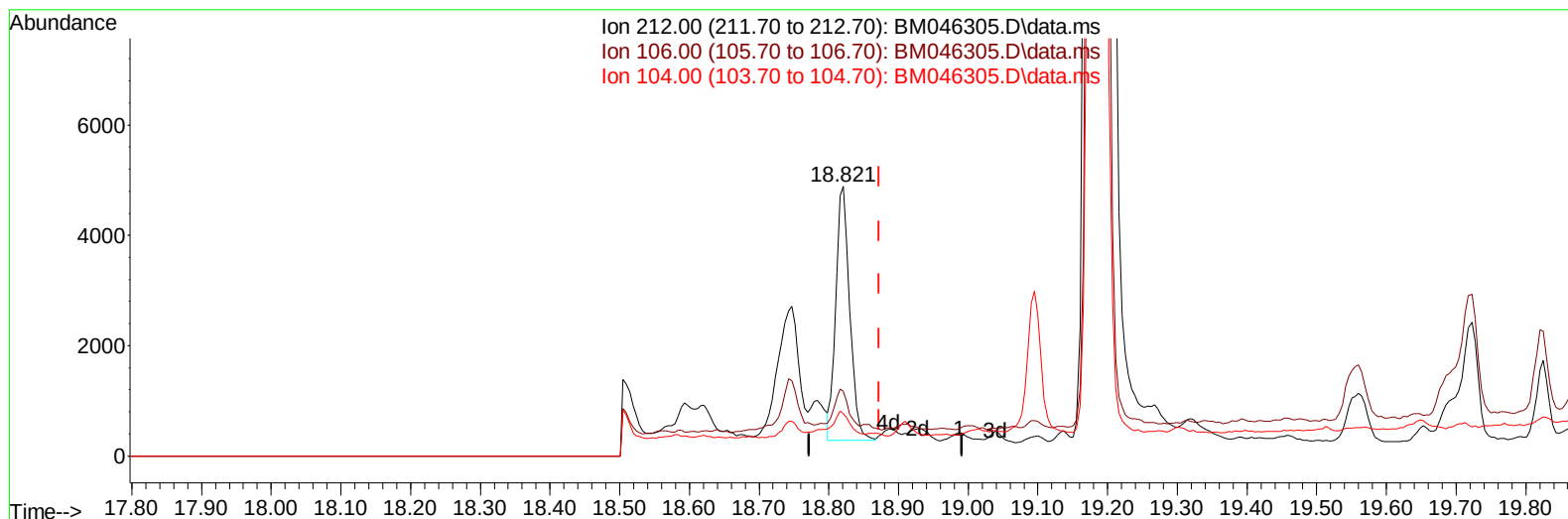
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046305.D
Acq On : 25 Jun 2024 23:24
Operator : MA/JU
Sample : P2844-15
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C69

Manual IntegrationsAPPROVED

Quant Time: Jun 26 00:05:28 2024
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TIC: BM046305.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.821min (-0.051) 0.36 ng/ul m

response 6409

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.70	0.00#
104.00	10.30	0.00#
0.00	0.00	0.00

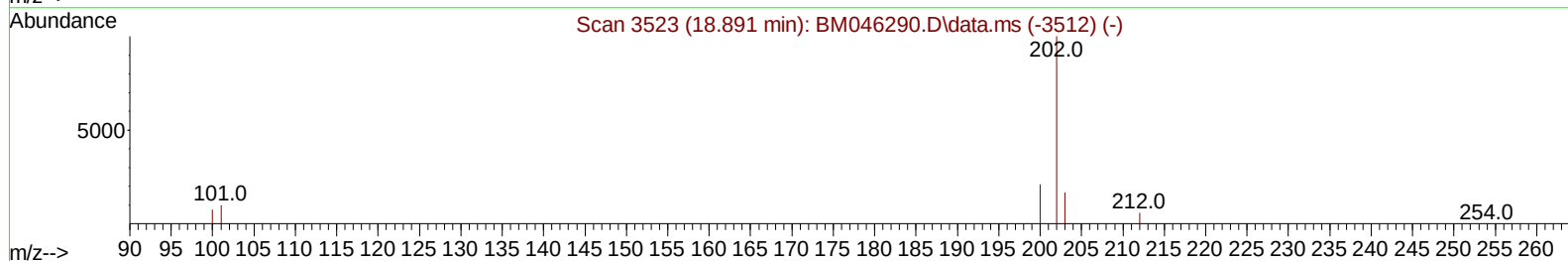
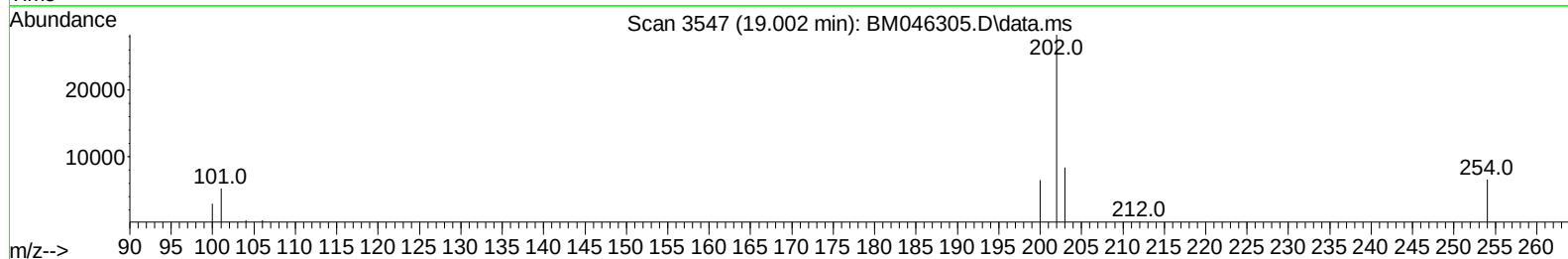
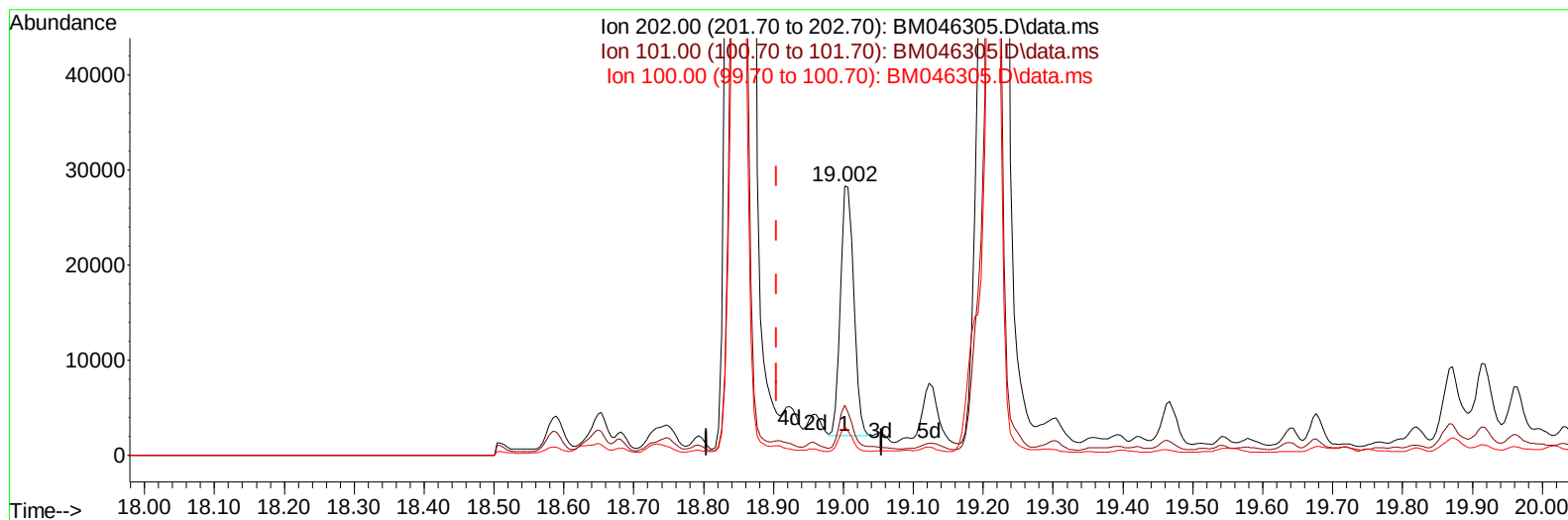
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046305.D
Acq On : 25 Jun 2024 23:24
Operator : MA/JU
Sample : P2844-15
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C69

Manual IntegrationsAPPROVED

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TIC: BM046305.D\data.ms

(19) Fluoranthene (C)

19.002min (+ 0.098) 1.32 ng/u1

response 34447

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.00	18.50#
100.00	9.50	10.60
0.00	0.00	0.00

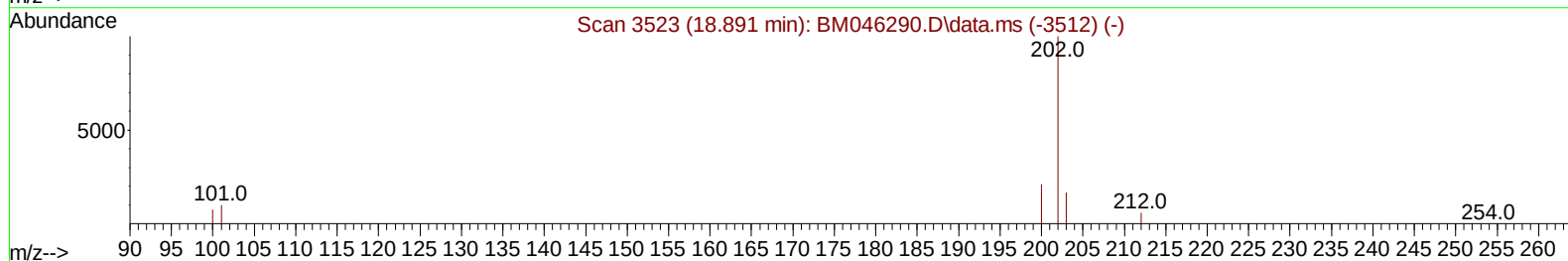
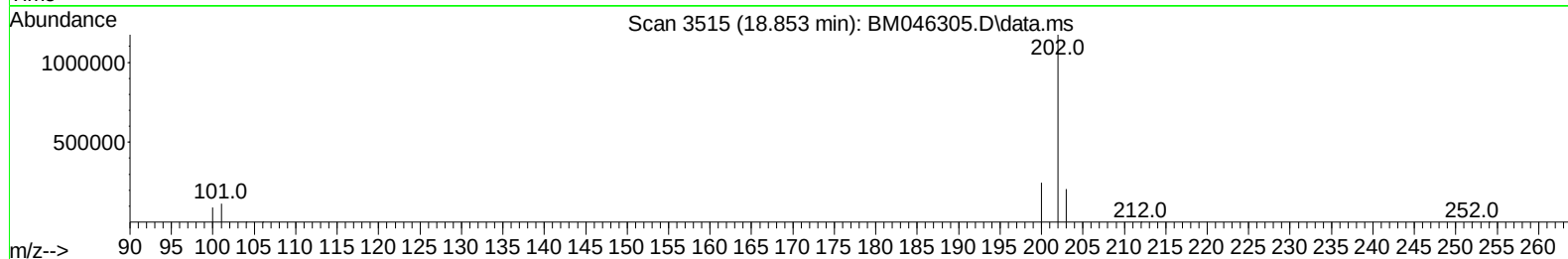
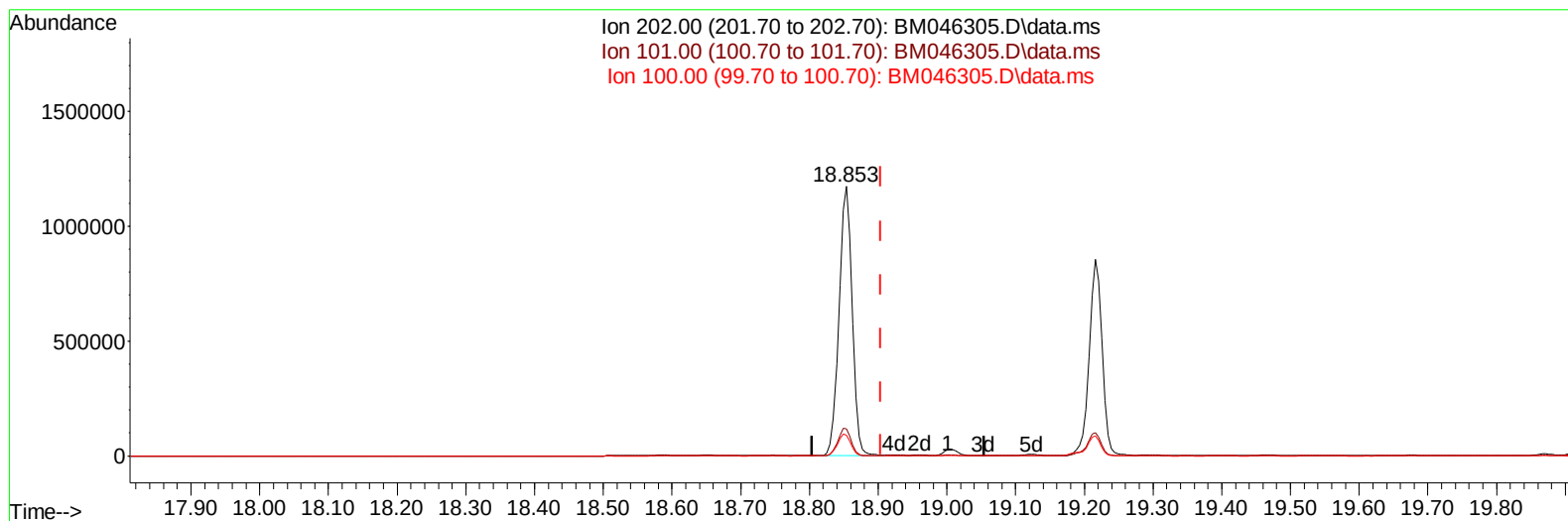
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046305.D
 Acq On : 25 Jun 2024 23:24
 Operator : MA/JU
 Sample : P2844-15
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C69

Manual IntegrationsAPPROVED

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 QLast Update : Tue Jun 25 08:04:59 2024
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 Supervised By :mohammad ahmed 06/27/2024



TIC: BM046305.D\data.ms

(19) Fluoranthene (C)

18.853min (-0.051) 59.58 ng/ul m

response 1552040

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.00	9.99
100.00	9.50	7.70
0.00	0.00	0.00

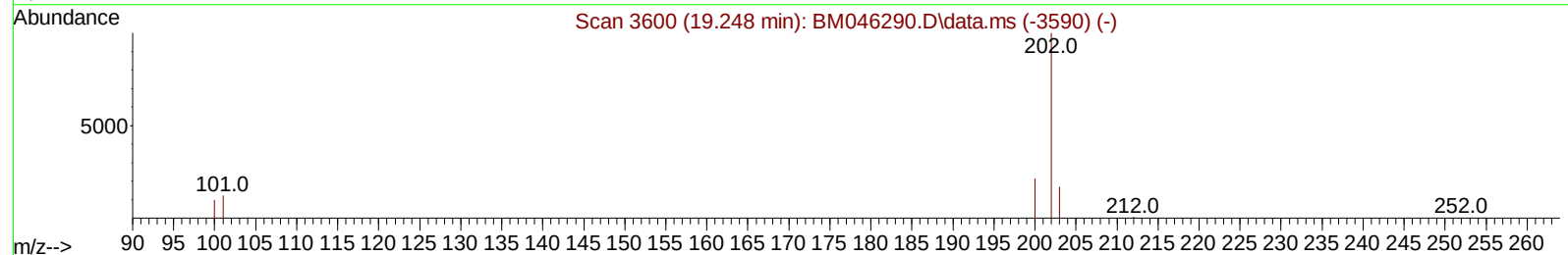
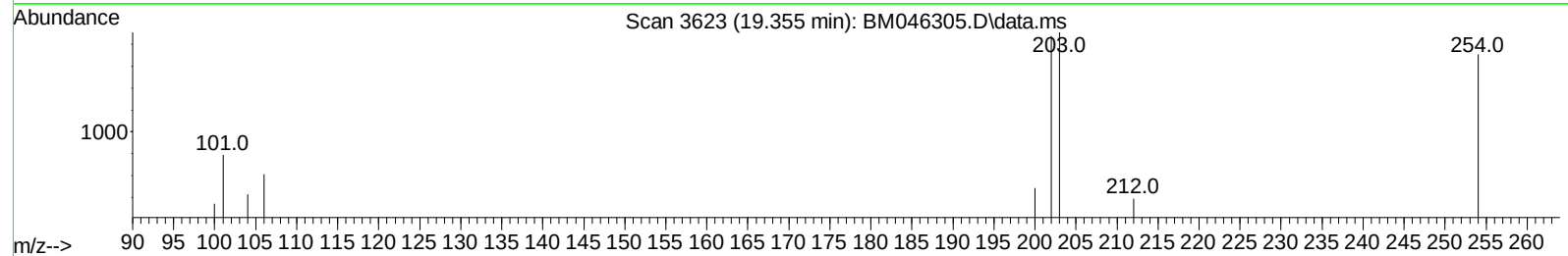
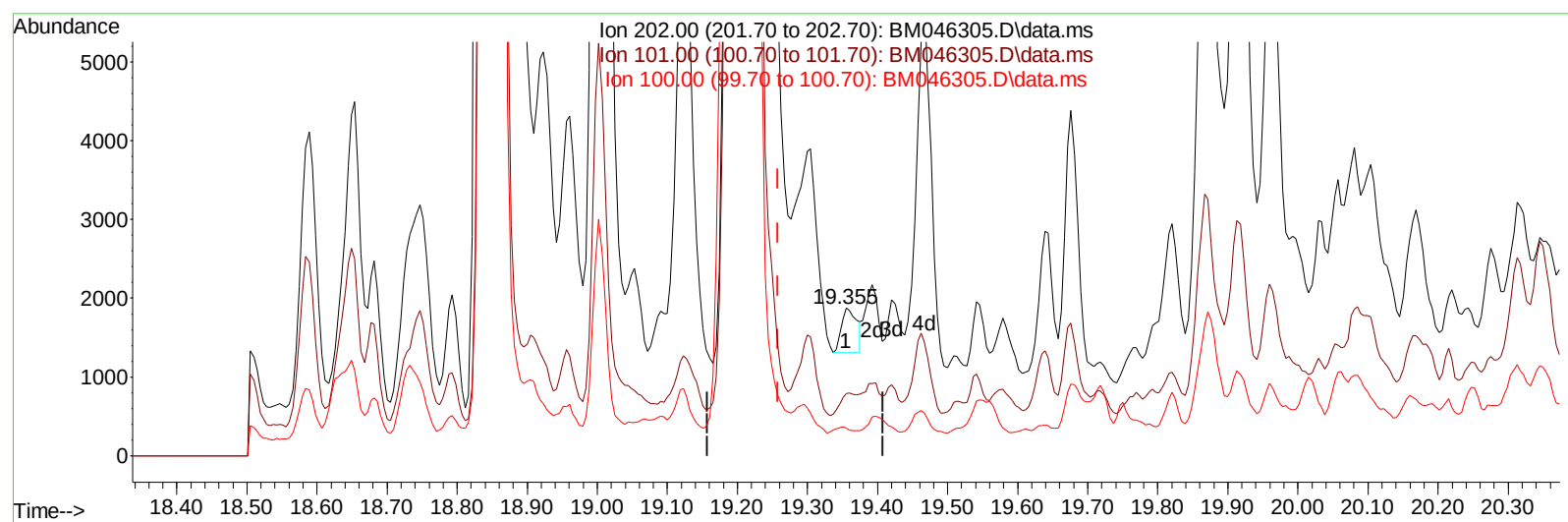
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046305.D
Acq On : 25 Jun 2024 23:24
Operator : MA/JU
Sample : P2844-15
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C69

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TIC: BM046305.D\data.ms

(20) Pyrene

19.355min (+ 0.098) 0.03 ng/u1

response 860

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.10	42.08#
100.00	12.20	18.40#
0.00	0.00	0.00

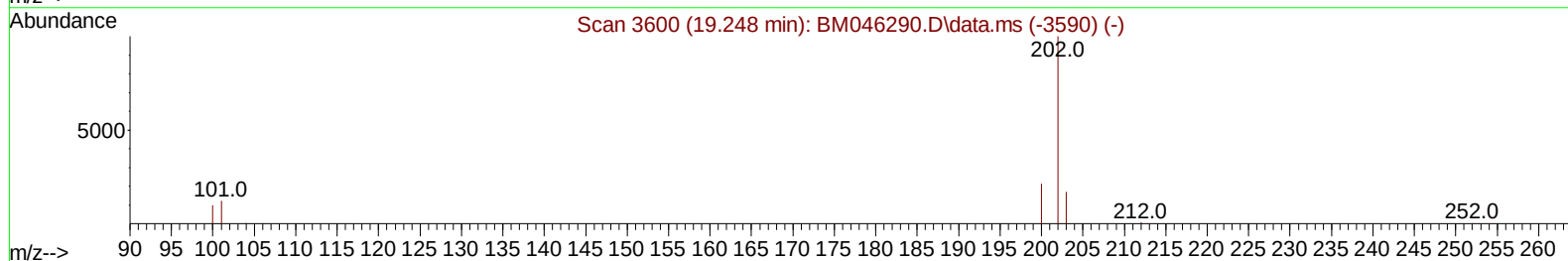
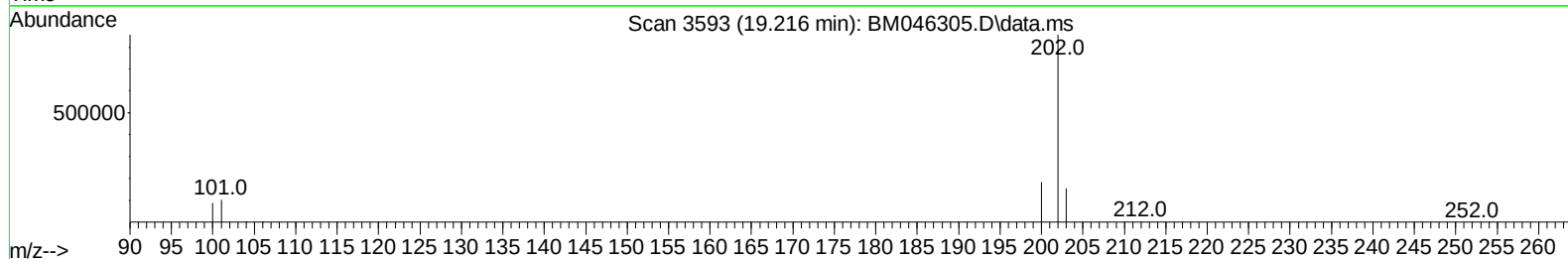
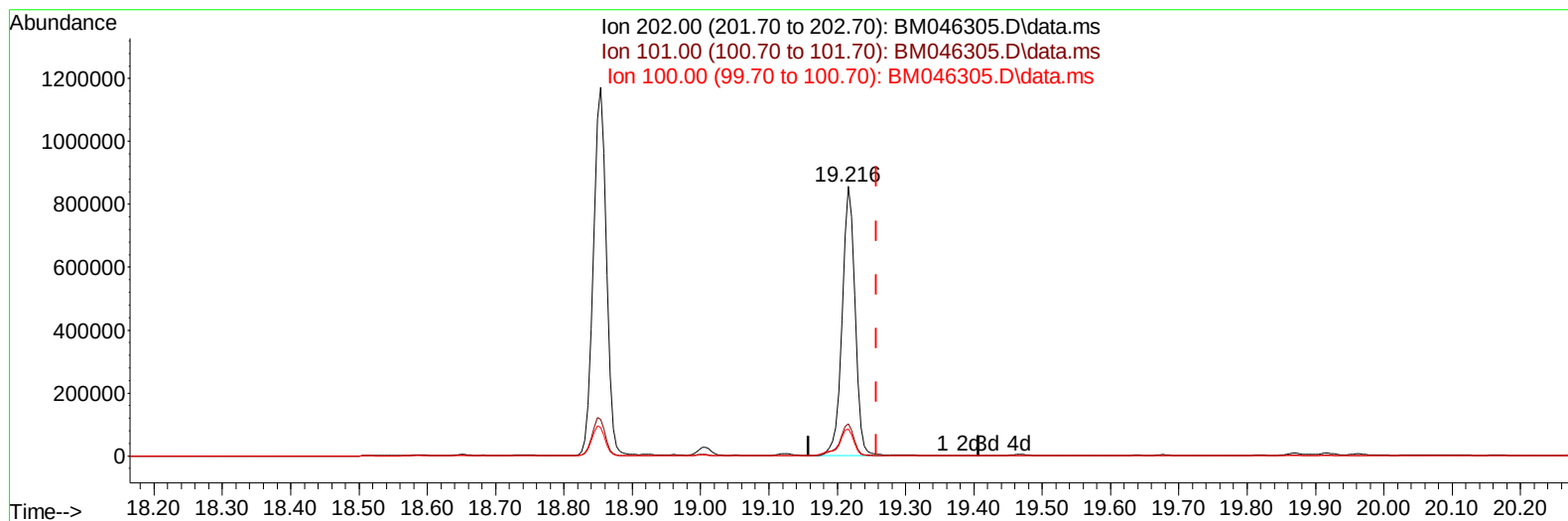
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046305.D
Acq On : 25 Jun 2024 23:24
Operator : MA/JU
Sample : P2844-15
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C69

Manual IntegrationsAPPROVED

Quant Time: Jun 26 00:05:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 08:04:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



TIC: BM046305.D\data.ms

(20) Pyrene

19.216min (-0.042) 40.04 ng/ul m

response 1127854

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.10	11.94
100.00	12.20	10.12
0.00	0.00	0.00

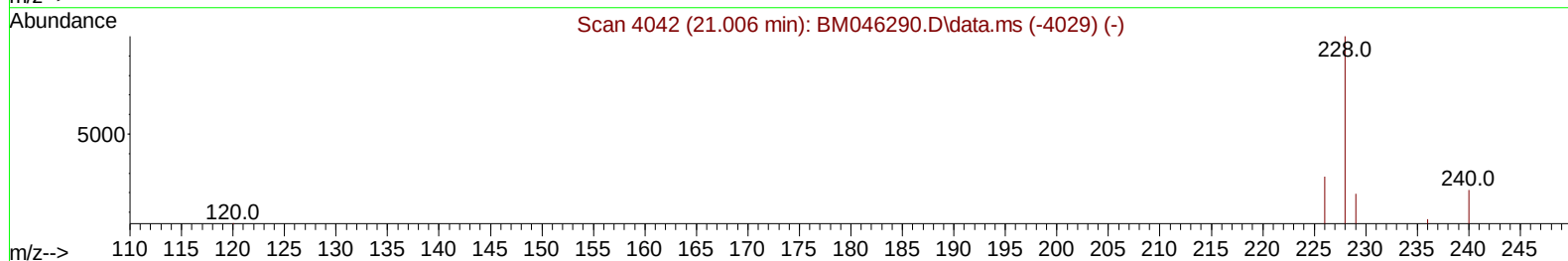
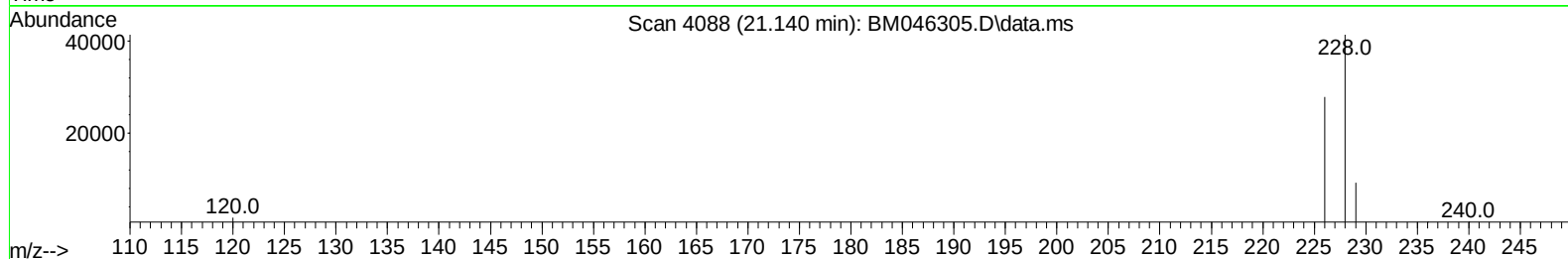
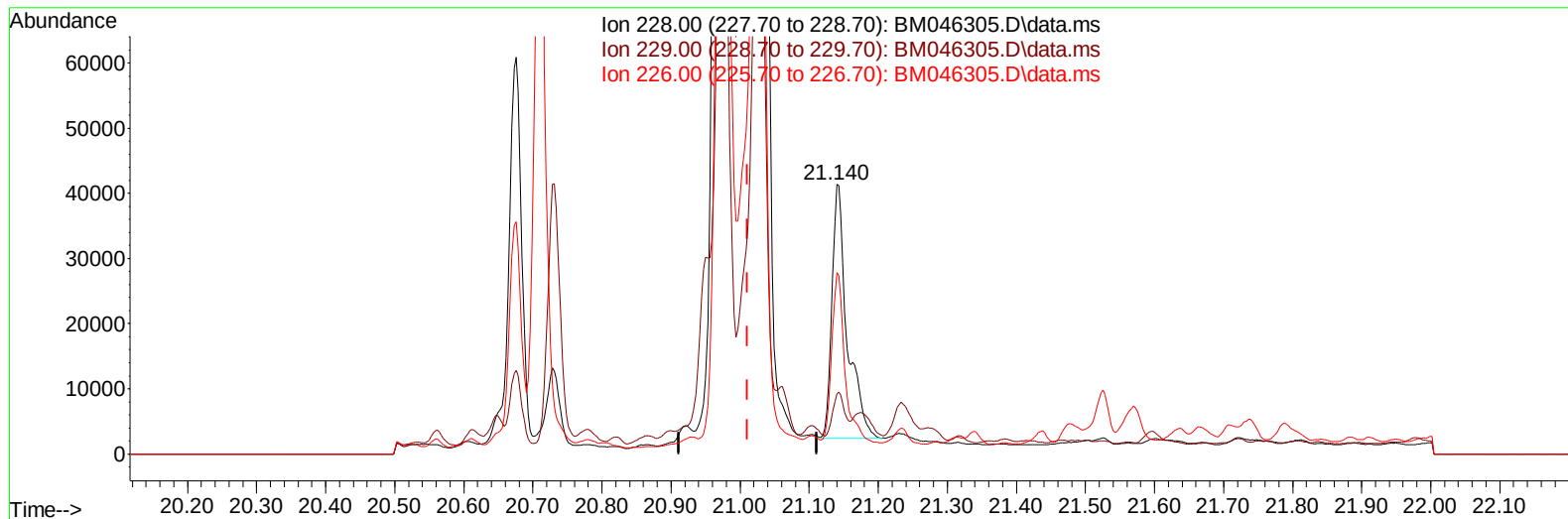
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046305.D
Acq On : 25 Jun 2024 23:24
Operator : MA/JU
Sample : P2844-15
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C69

Manual IntegrationsAPPROVED

Quant Time: Jun 26 00:05:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 08:04:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



TIC: BM046305.D\data.ms

(21) Benzo(a)anthracene

21.140min (+ 0.129) 2.57 ng/u1

response 59762

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.50	22.41
226.00	29.30	67.27#
0.00	0.00	0.00

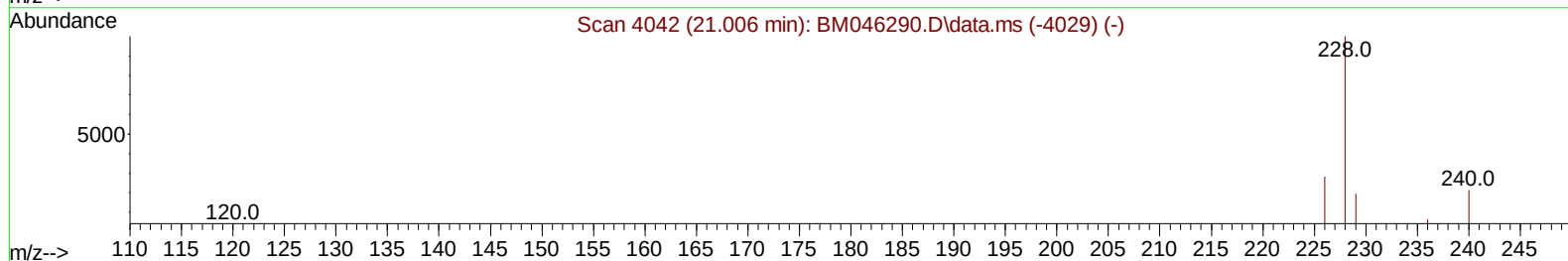
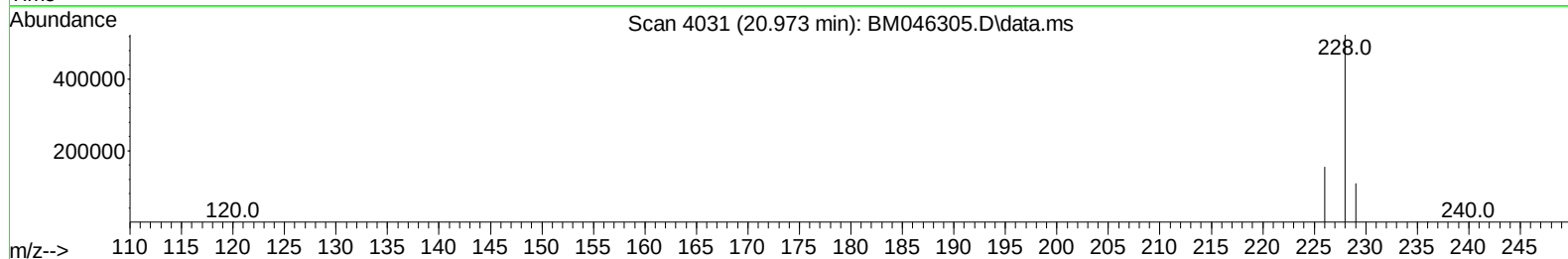
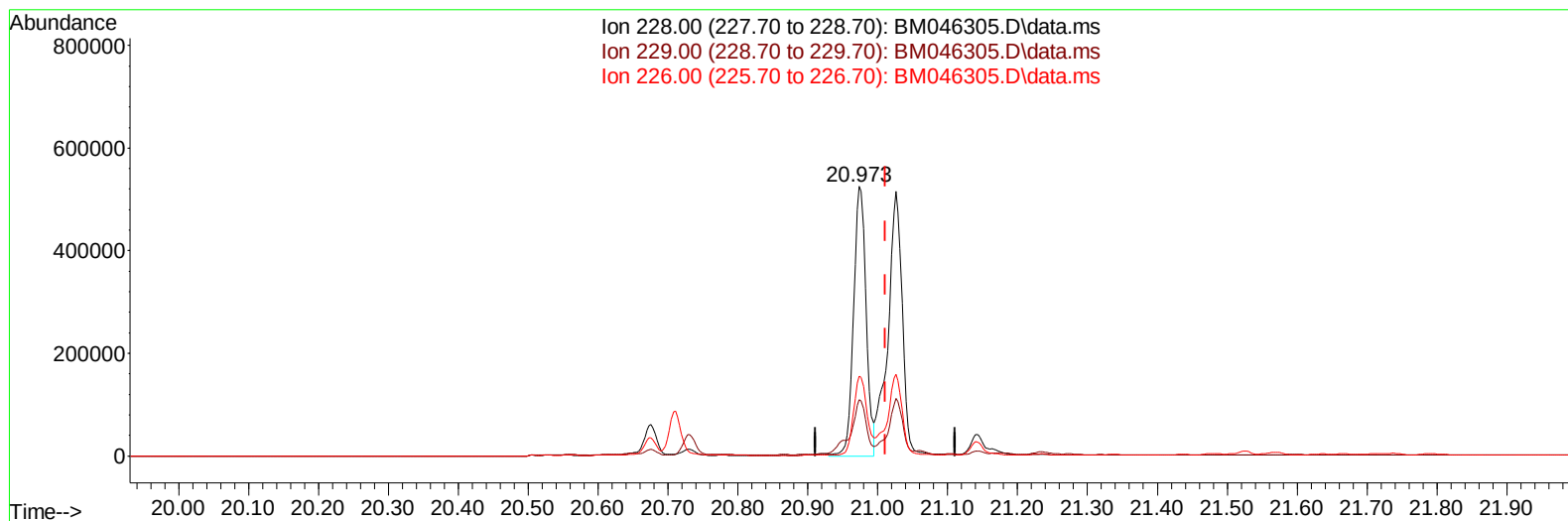
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046305.D
Acq On : 25 Jun 2024 23:24
Operator : MA/JU
Sample : P2844-15
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C69

Manual IntegrationsAPPROVED

Quant Time: Jun 26 00:05:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 08:04:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



TIC: BM046305.D\data.ms

(21) Benzo(a)anthracene

20.973min (-0.038) 28.03 ng/ul m

response 651347

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.50	20.83
226.00	29.30	29.62
0.00	0.00	0.00

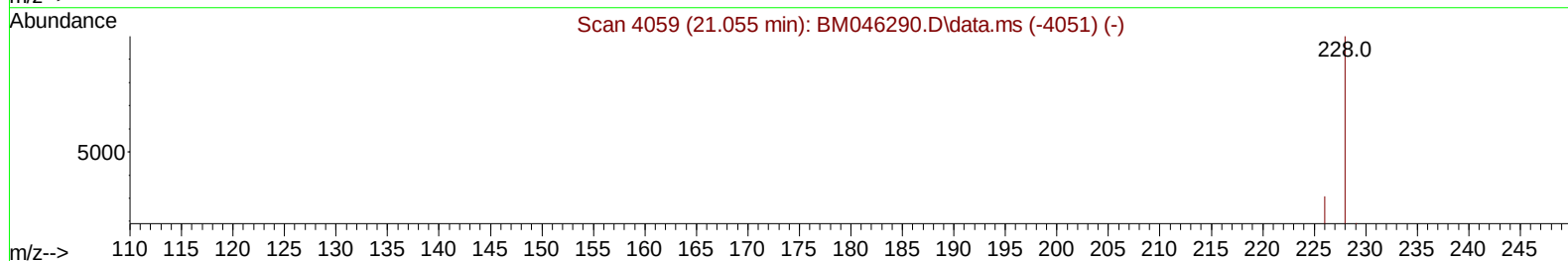
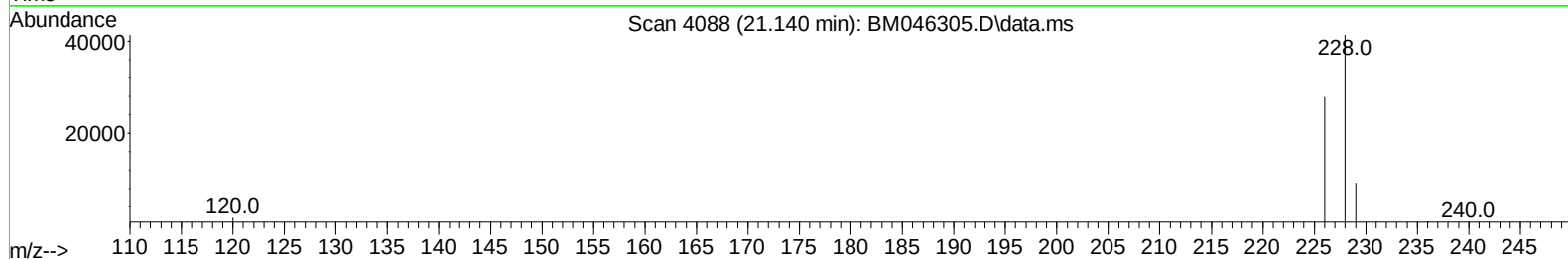
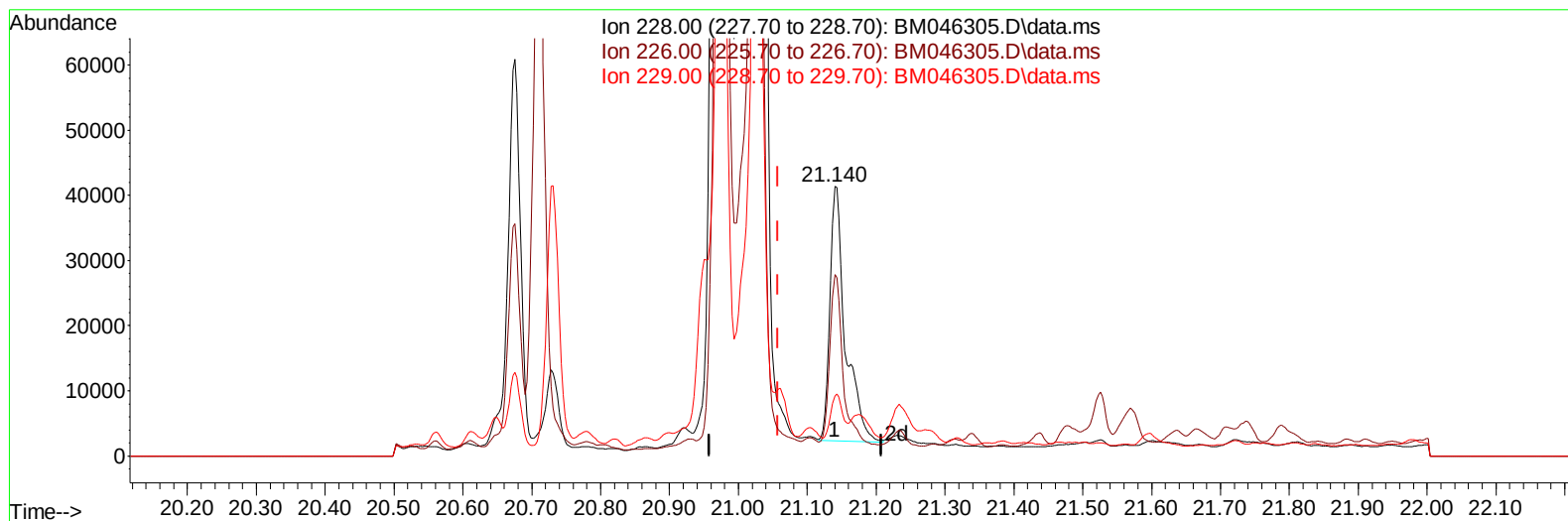
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046305.D
 Acq On : 25 Jun 2024 23:24
 Operator : MA/JU
 Sample : P2844-15
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C69

Manual IntegrationsAPPROVED

Quant Time: Jun 26 00:05:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 25 08:04:59 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024



TIC: BM046305.D\data.ms

(22) Chrysene

21.140min (+ 0.082) 2.05 ng/u1

response 60783

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	31.50	67.27#
229.00	20.40	22.41
0.00	0.00	0.00

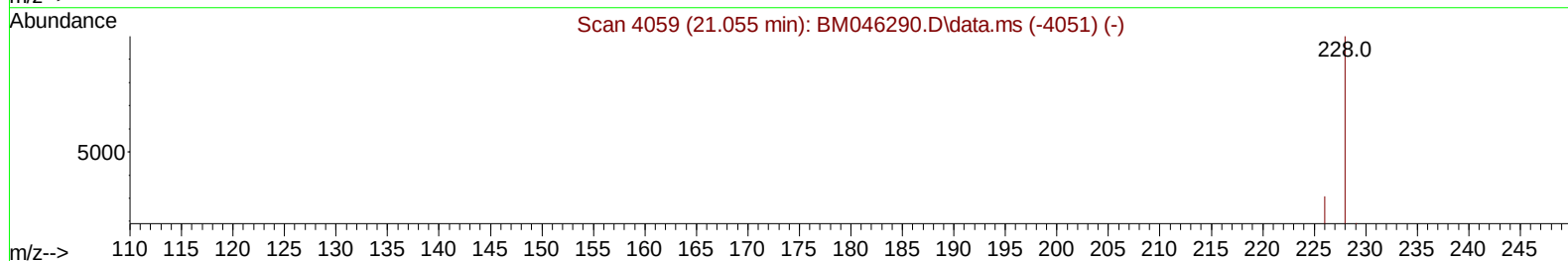
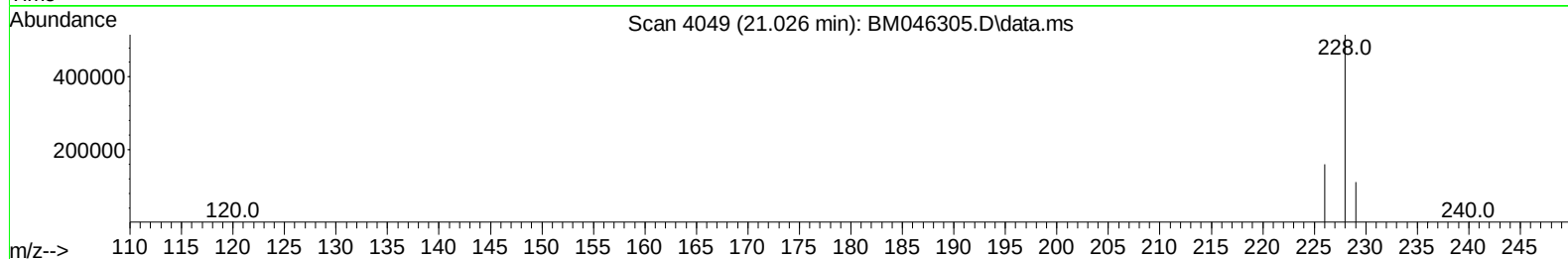
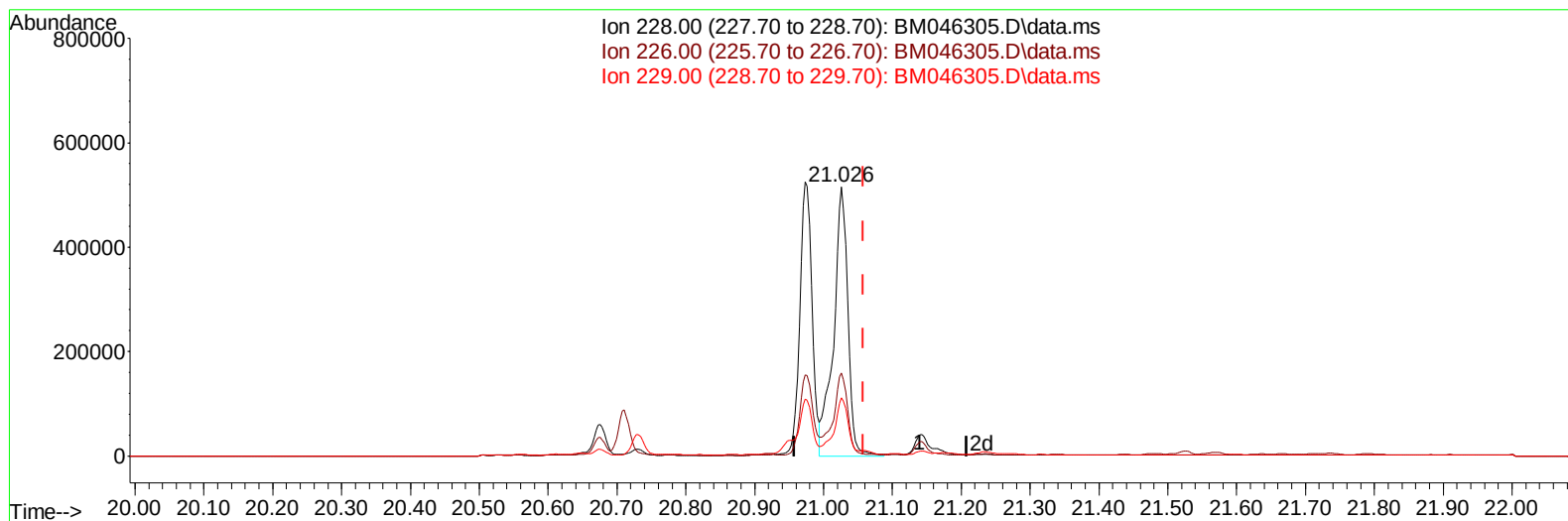
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046305.D
Acq On : 25 Jun 2024 23:24
Operator : MA/JU
Sample : P2844-15
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C69

Manual IntegrationsAPPROVED

Quant Time: Jun 26 00:05:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 08:04:59 2024
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Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



TIC: BM046305.D\data.ms

(22) Chrysene

21.026min (-0.032) 25.06 ng/ul m

response 743191

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	31.50	30.80
229.00	20.40	21.63
0.00	0.00	0.00

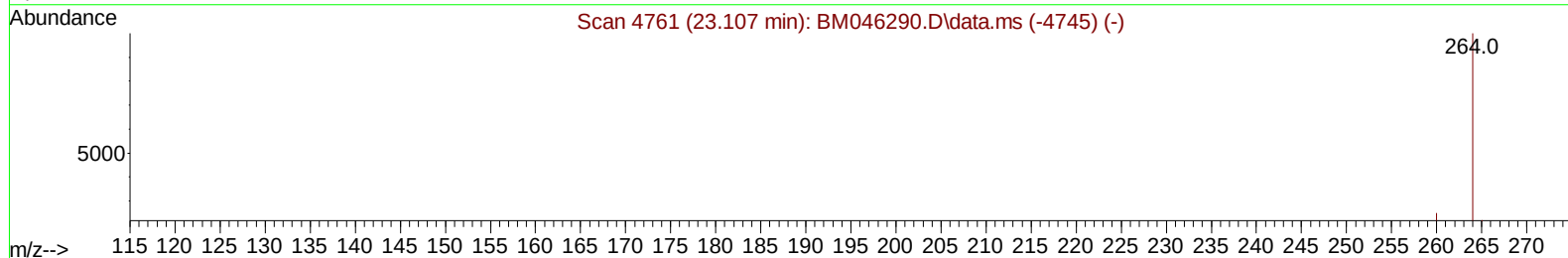
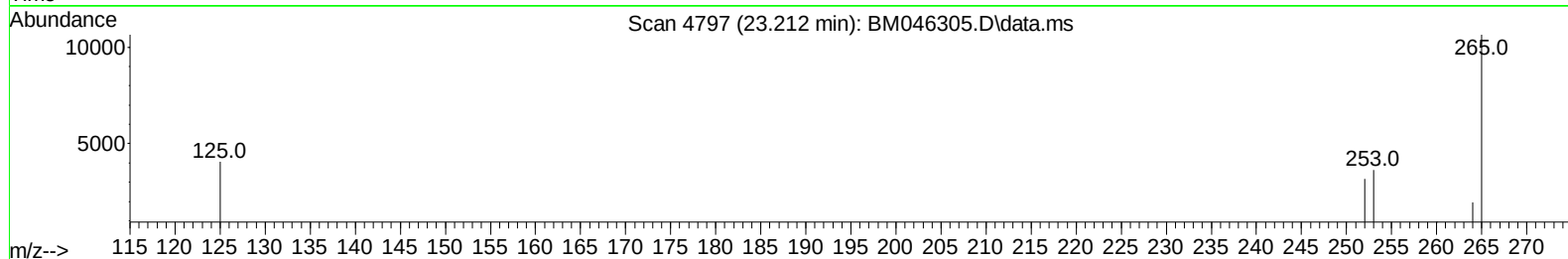
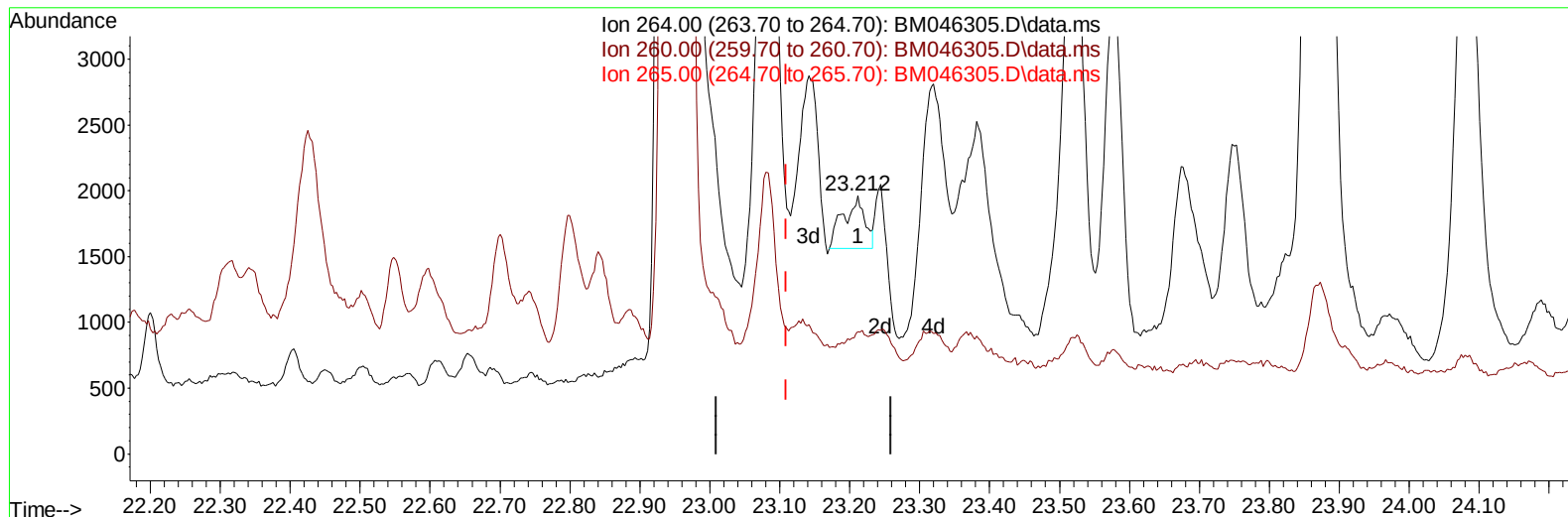
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046305.D
Acq On : 25 Jun 2024 23:24
Operator : MA/JU
Sample : P2844-15
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C69

Manual IntegrationsAPPROVED

Quant Time: Jun 26 00:05:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 08:04:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



TIC: BM046305.D\data.ms

(23) Perylene-d12 (I)

23.212min (+ 0.102) 0.40 ng/ul

response 847

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	47.33#
265.00	110.60	542.33#
0.00	0.00	0.00

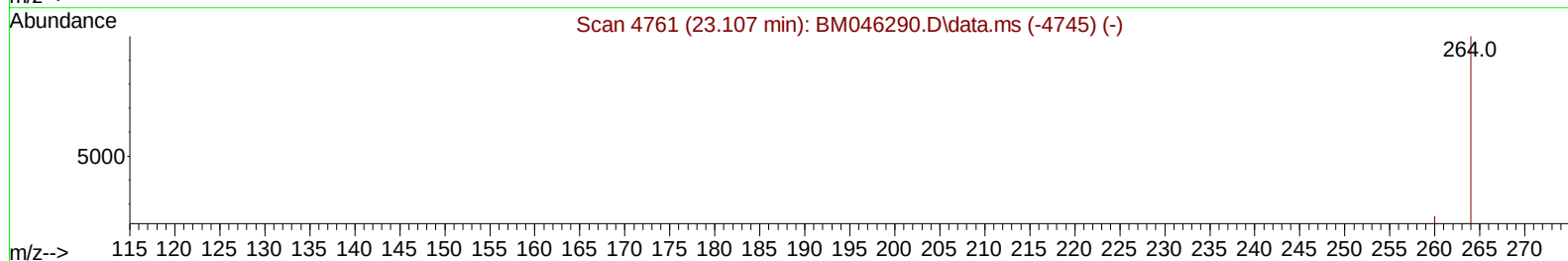
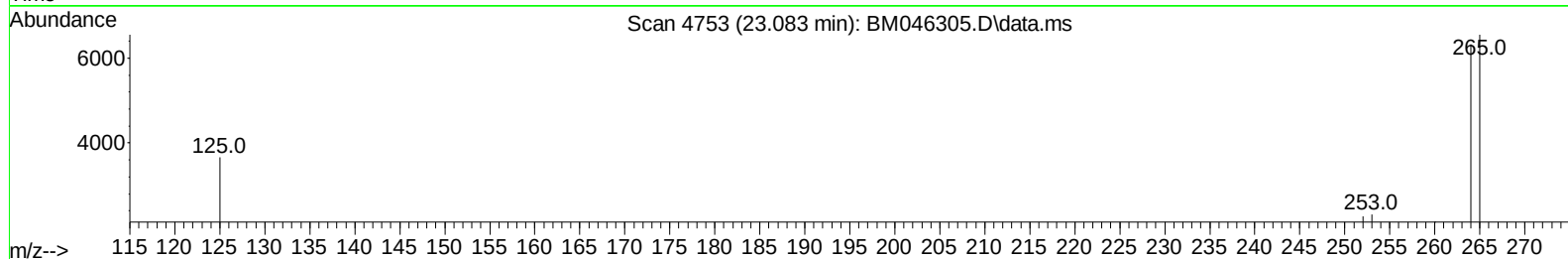
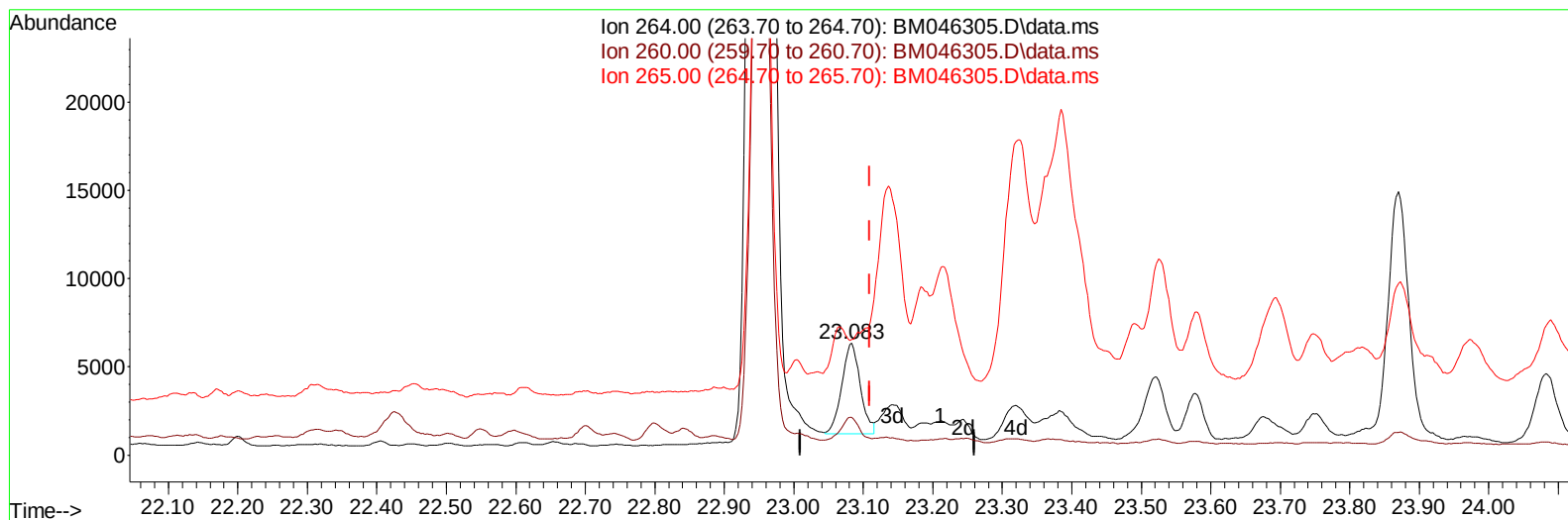
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046305.D
Acq On : 25 Jun 2024 23:24
Operator : MA/JU
Sample : P2844-15
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C69

Manual IntegrationsAPPROVED

Quant Time: Jun 26 00:05:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 08:04:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



TIC: BM046305.D\data.ms

(23) Perylene-d12 (I)

23.083min (-0.026) 0.40 ng/ul m

response 9528

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	33.70
265.00	110.60	103.49
0.00	0.00	0.00

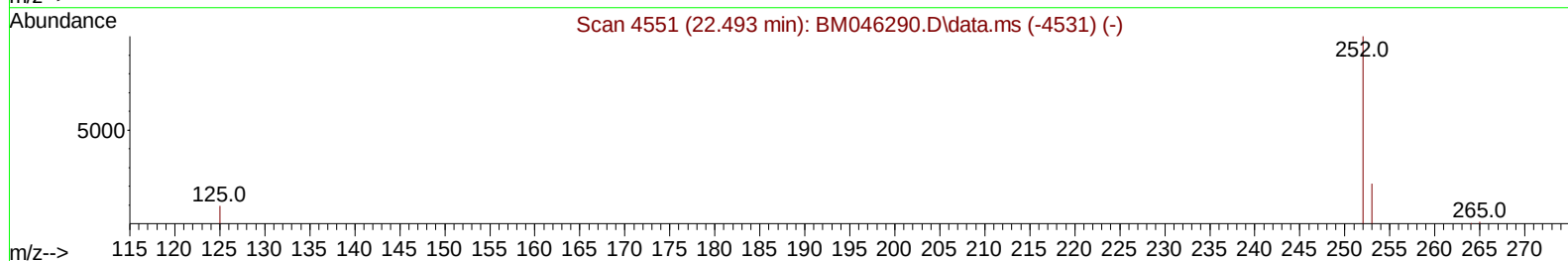
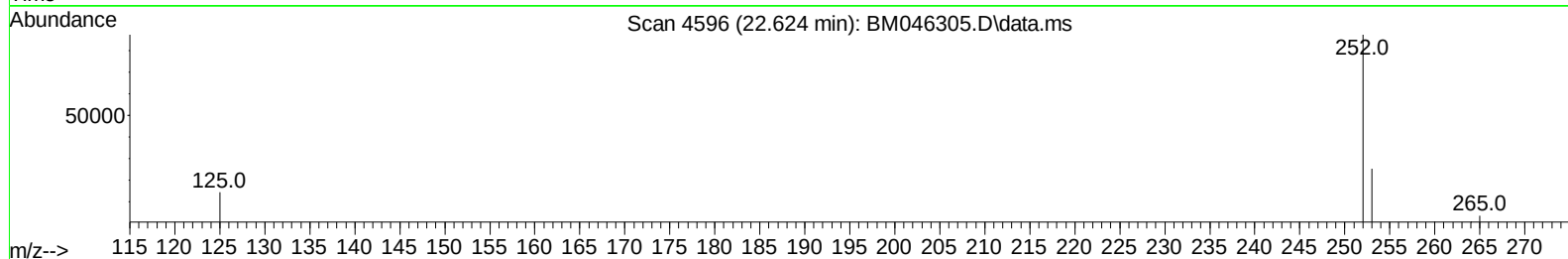
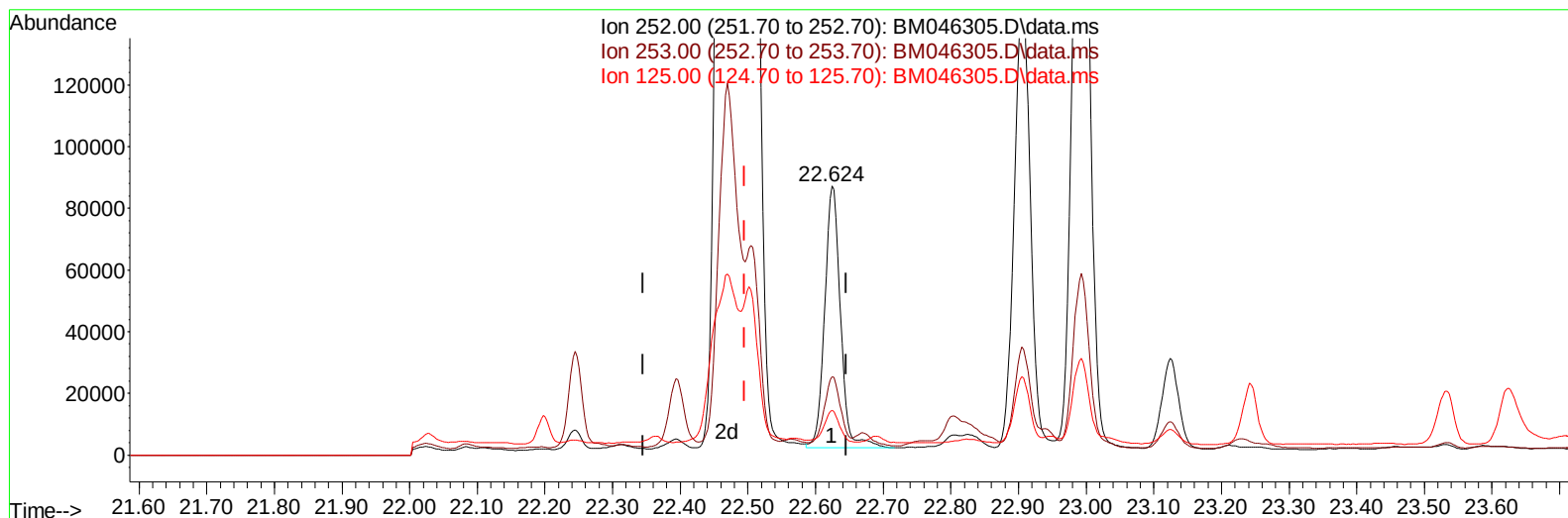
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046305.D
Acq On : 25 Jun 2024 23:24
Operator : MA/JU
Sample : P2844-15
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C69

Manual IntegrationsAPPROVED

Quant Time: Jun 26 00:05:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 08:04:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



TIC: BM046305.D\data.ms

(24) Benzo(b)fluoranthene

22.624min (+ 0.129) 4.01 ng/u1

response 137636

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	29.08
125.00	20.10	16.56
0.00	0.00	0.00

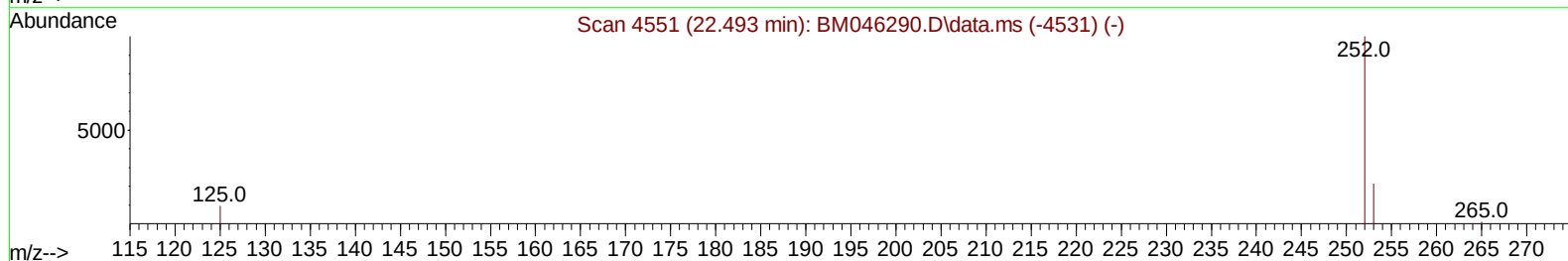
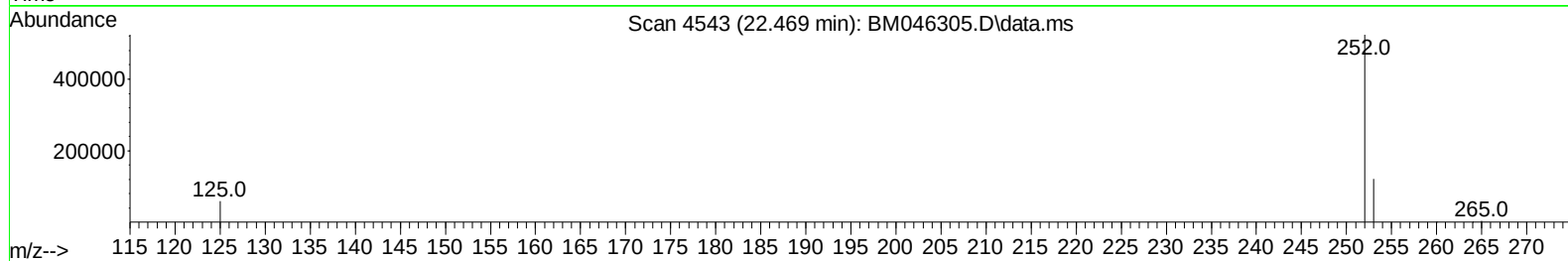
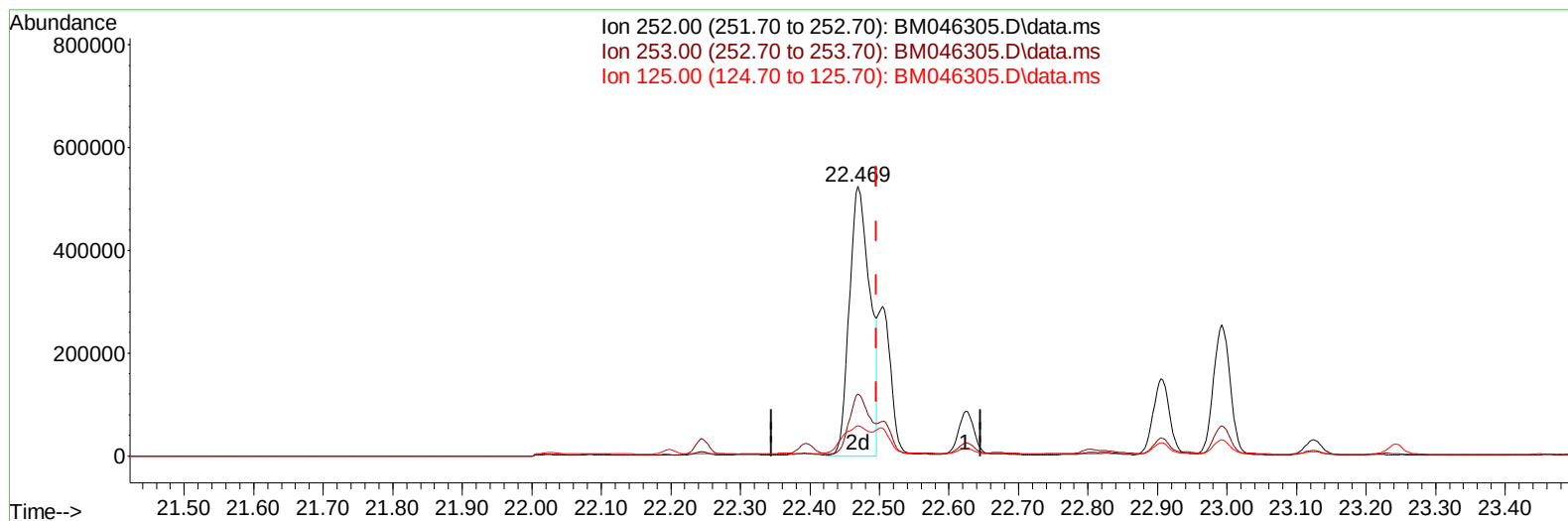
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046305.D
Acq On : 25 Jun 2024 23:24
Operator : MA/JU
Sample : P2844-15
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C69

Manual IntegrationsAPPROVED

Quant Time: Jun 26 00:05:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 08:04:59 2024
Response via : Initial Calibration

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Supervised By :mohammad ahmed 06/27/2024



TIC: BM046305.D\data.ms

(24) Benzo(b)fluoranthene

22.469min (-0.026) 31.56 ng/ul m

response 1083433

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	22.98
125.00	20.10	11.20
0.00	0.00	0.00

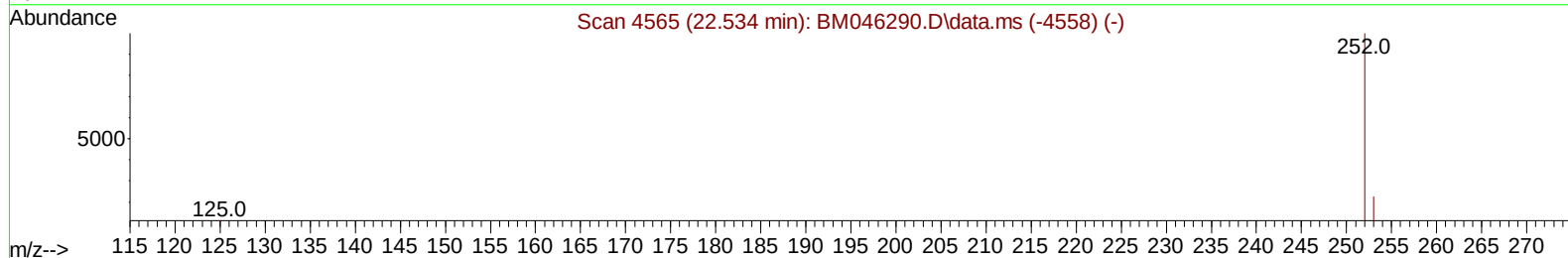
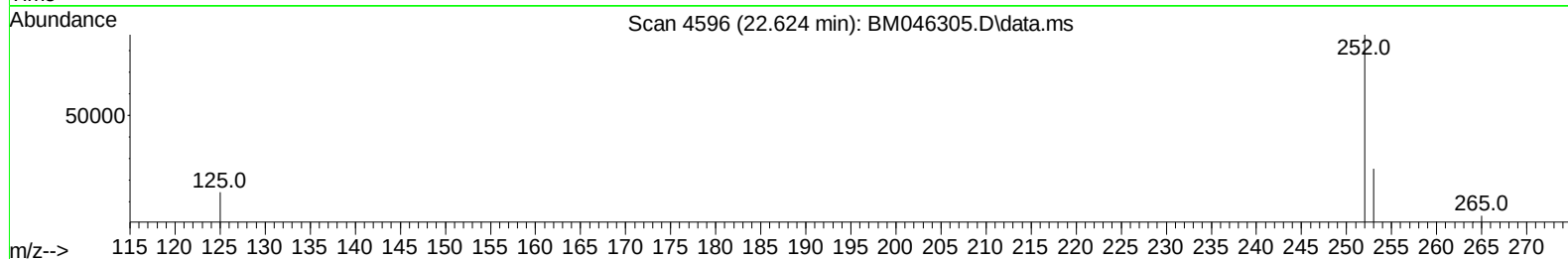
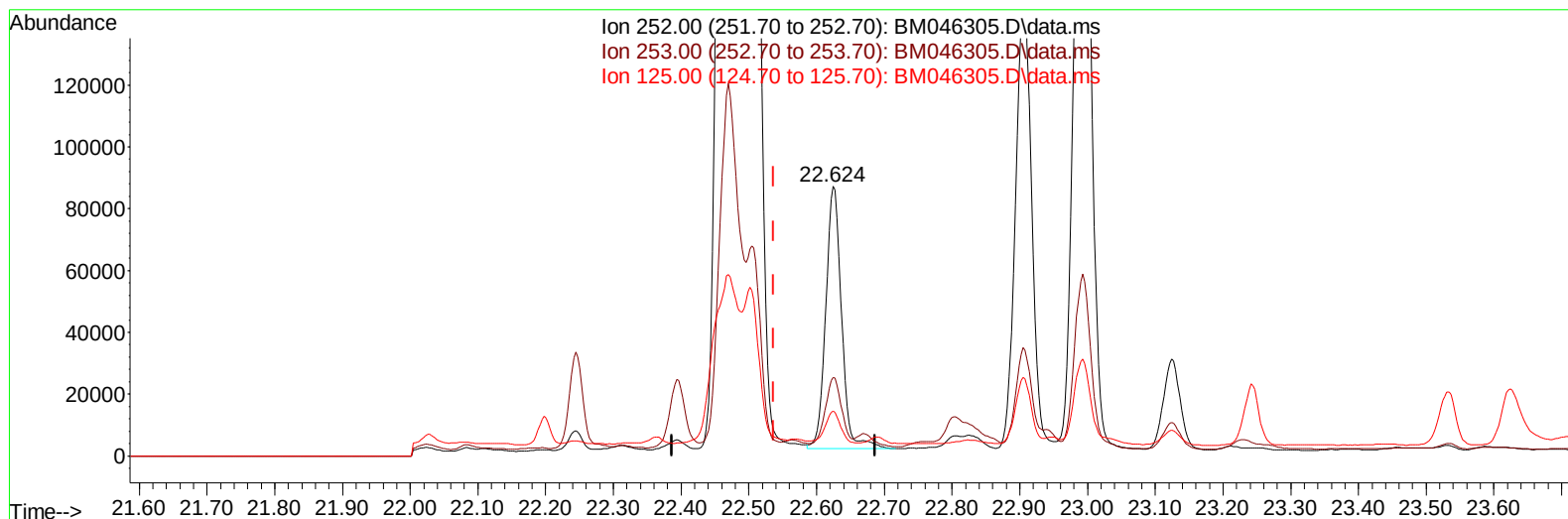
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046305.D
Acq On : 25 Jun 2024 23:24
Operator : MA/JU
Sample : P2844-15
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C69

Manual IntegrationsAPPROVED

Quant Time: Jun 26 00:05:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 08:04:59 2024
Response via : Initial Calibration

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Supervised By :mohammad ahmed 06/27/2024



TIC: BM046305.D\data.ms

(25) Benzo(k)fluoranthene

22.624min (+ 0.088) 3.37 ng/uI

response 137636

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	29.08
125.00	20.80	16.56#
0.00	0.00	0.00

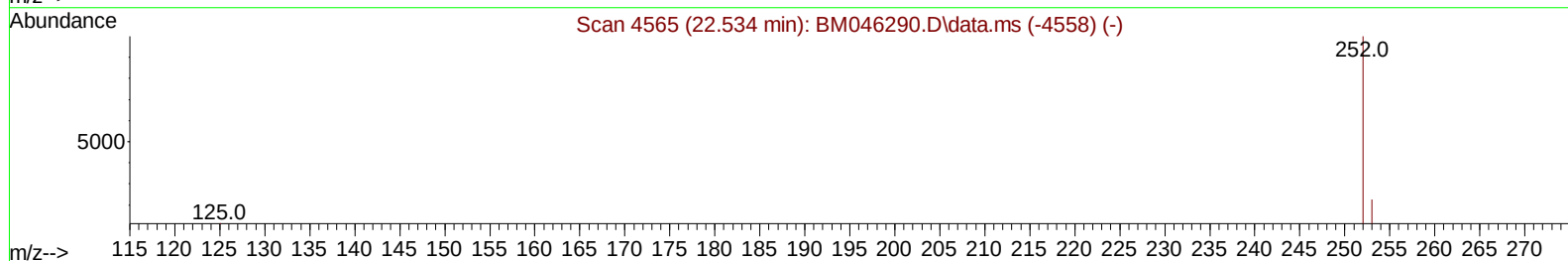
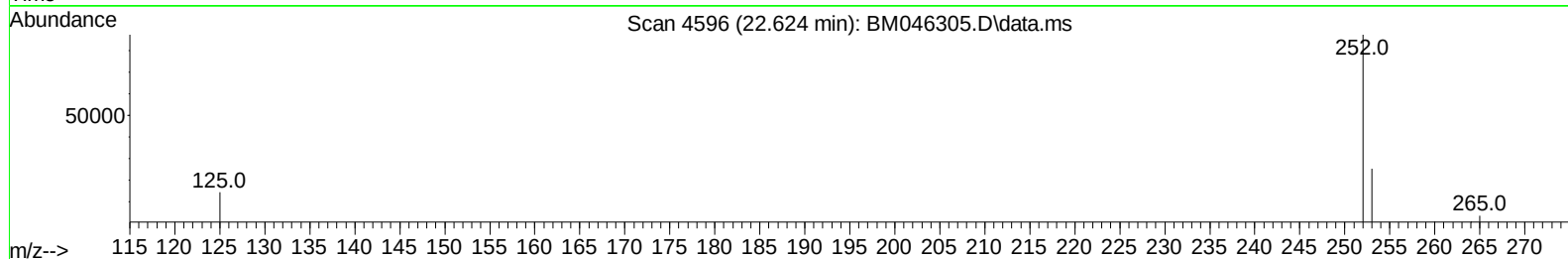
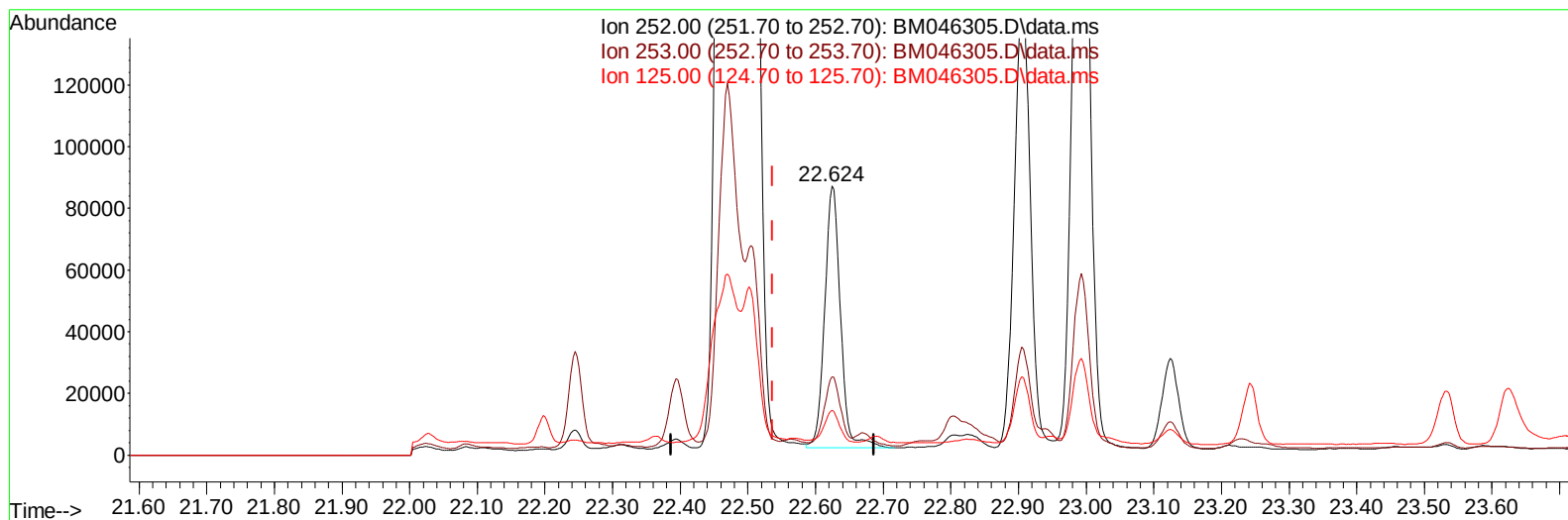
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046305.D
Acq On : 25 Jun 2024 23:24
Operator : MA/JU
Sample : P2844-15
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C69

Manual IntegrationsAPPROVED

Quant Time: Jun 26 00:05:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 08:04:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



TIC: BM046305.D\data.ms

(25) Benzo(k)fluoranthene

22.624min (+ 0.088) 3.37 ng/u1

response 137636

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	29.08
125.00	20.80	16.56#
0.00	0.00	0.00

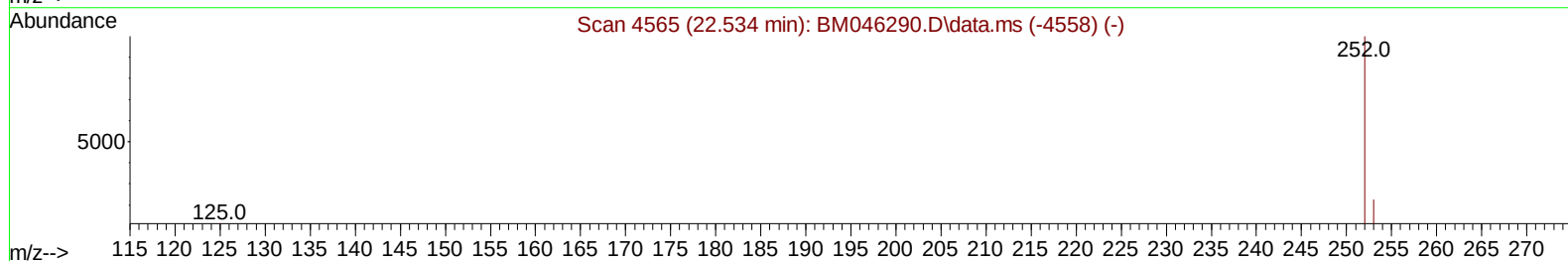
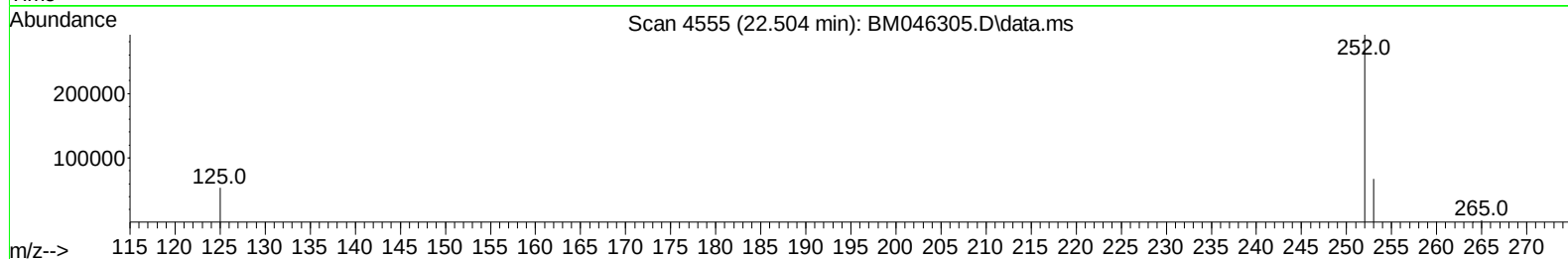
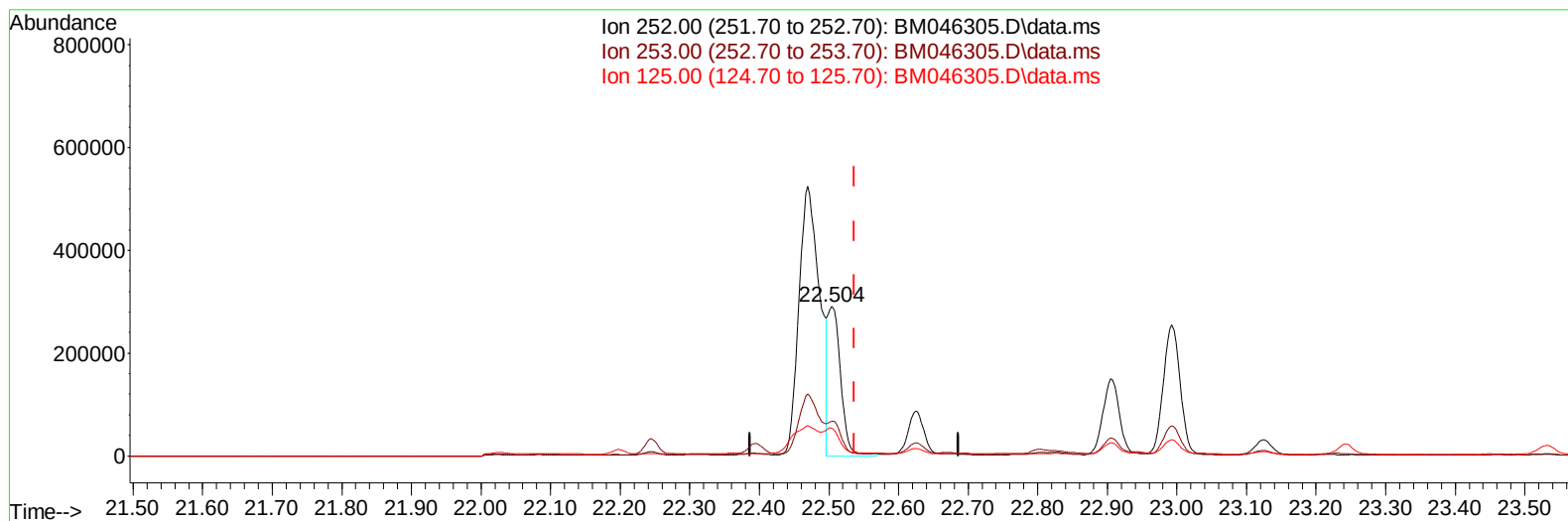
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046305.D
Acq On : 25 Jun 2024 23:24
Operator : MA/JU
Sample : P2844-15
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C69

Manual IntegrationsAPPROVED

Quant Time: Jun 26 00:05:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 08:04:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



TIC: BM046305.D\data.ms

(25) Benzo(k)fluoranthene

22.504min (-0.032) 9.25 ng/ul m

response 377536

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	23.37#
125.00	20.80	18.43
0.00	0.00	0.00

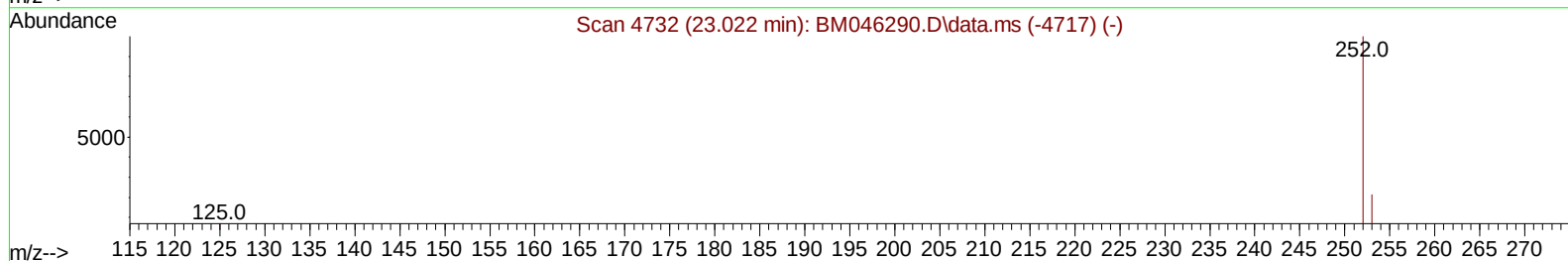
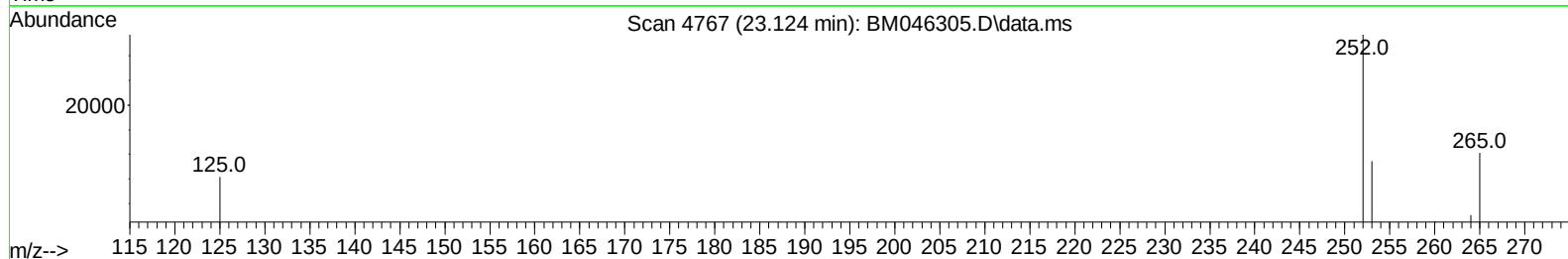
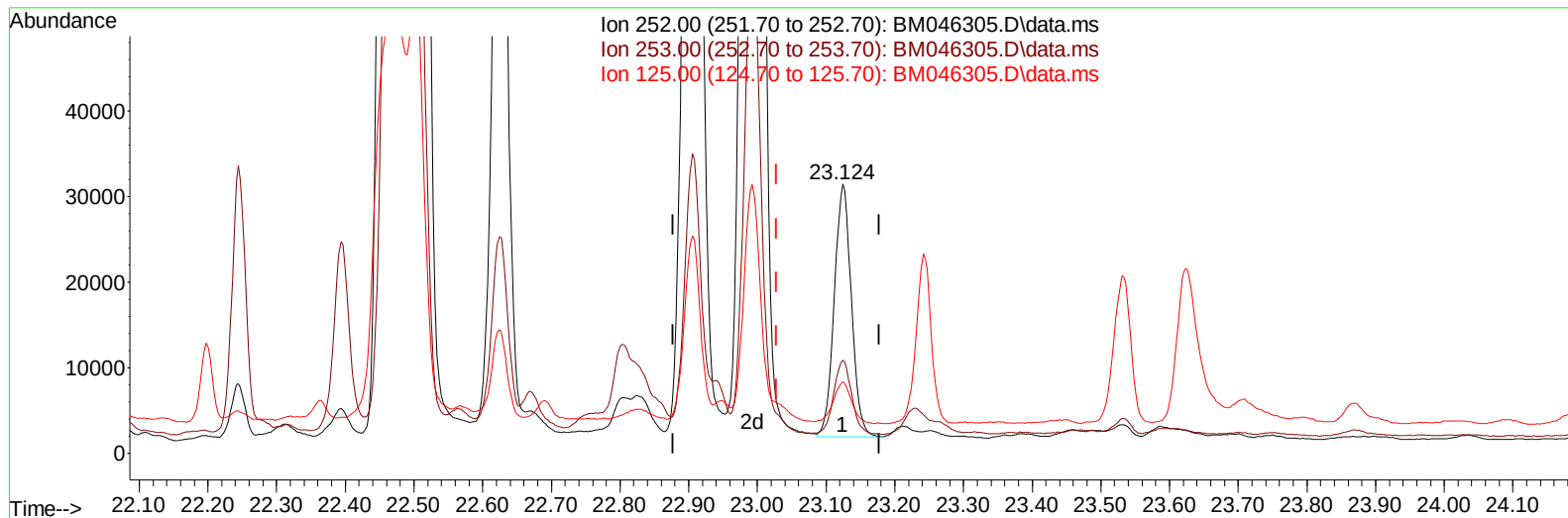
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046305.D
Acq On : 25 Jun 2024 23:24
Operator : MA/JU
Sample : P2844-15
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C69

Manual IntegrationsAPPROVED

Quant Time: Jun 26 00:05:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 08:04:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



TIC: BM046305.D\data.ms

(26) Benzo(a)pyrene (C)

23.124min (+ 0.096) 1.61 ng/u1

response 51115

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	40.10	34.56
125.00	26.50	26.48
0.00	0.00	0.00

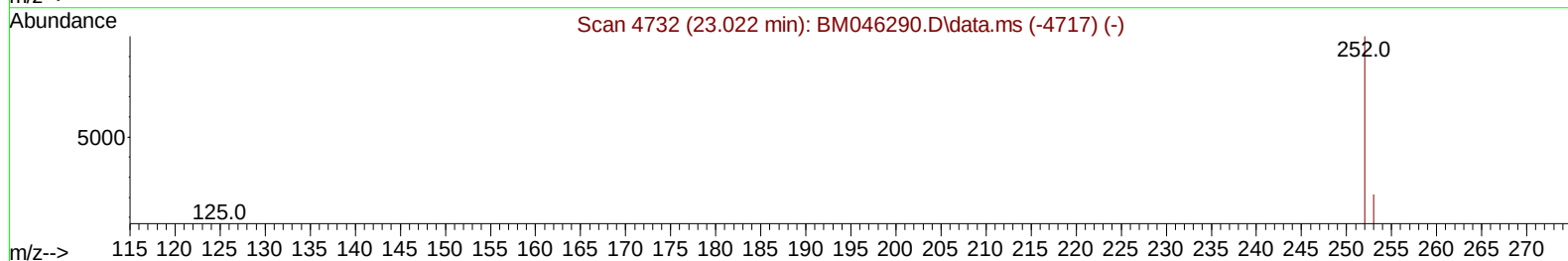
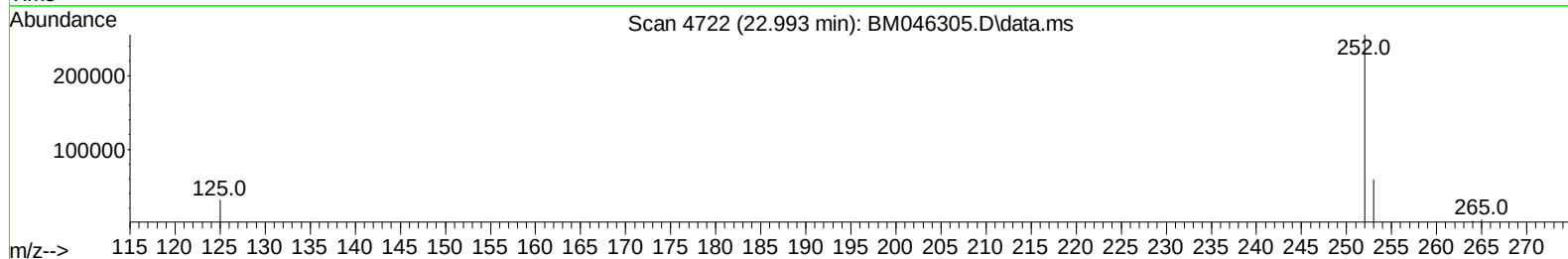
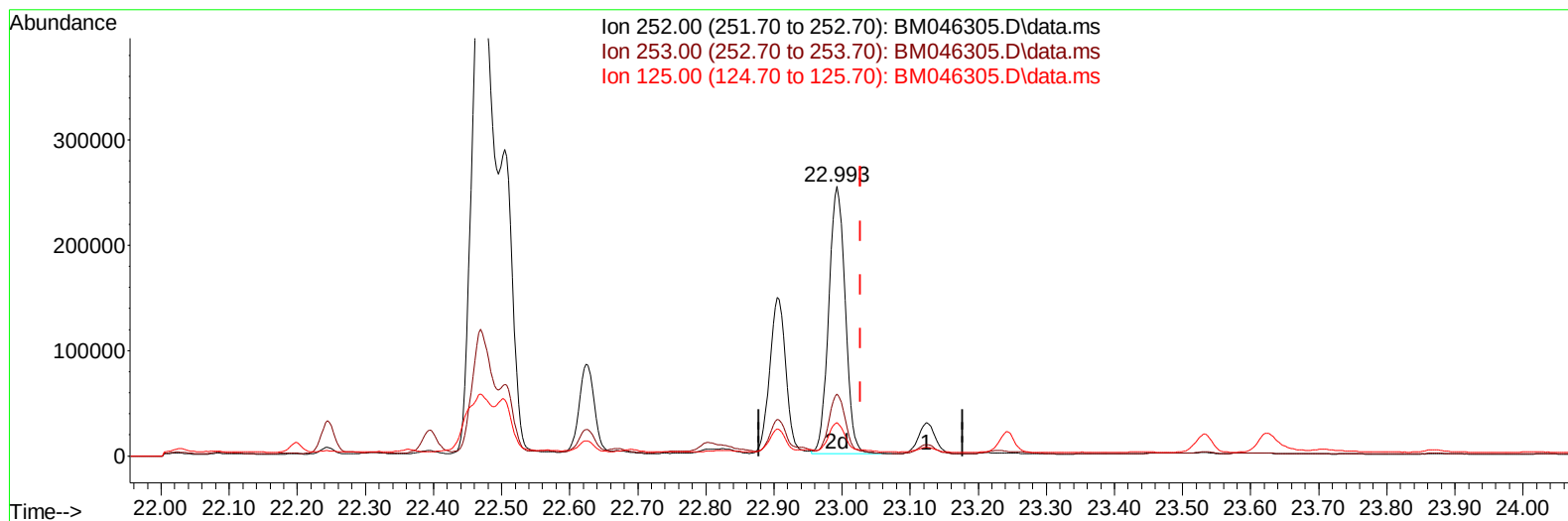
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046305.D
Acq On : 25 Jun 2024 23:24
Operator : MA/JU
Sample : P2844-15
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C69

Manual IntegrationsAPPROVED

Quant Time: Jun 26 00:05:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 08:04:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



TIC: BM046305.D\data.ms

(26) Benzo(a)pyrene (C)

22.993min (-0.035) 13.45 ng/ul m

response 427766

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	40.10	23.05#
125.00	26.50	12.29#
0.00	0.00	0.00

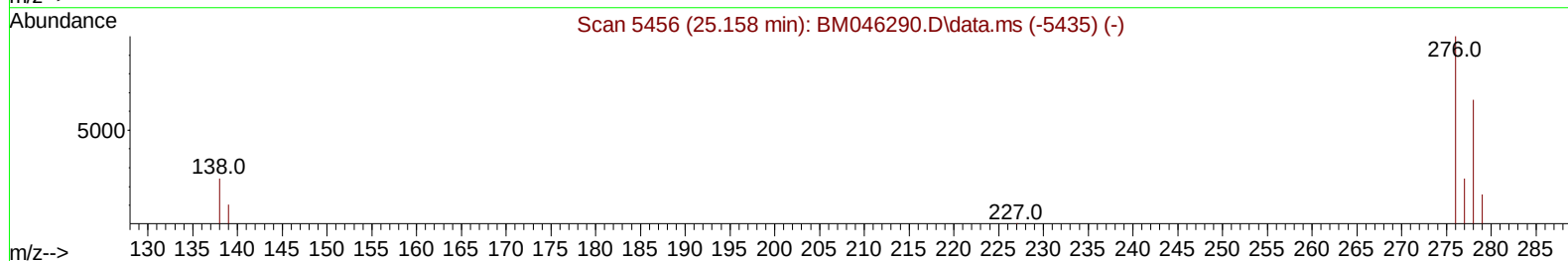
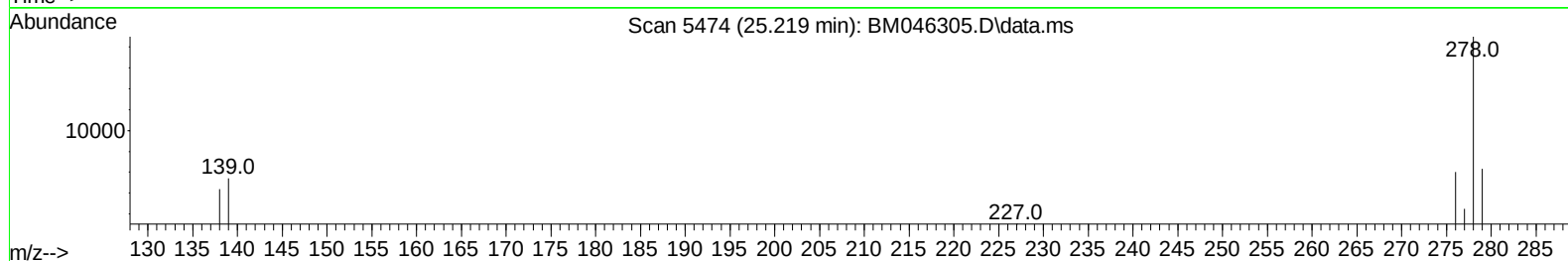
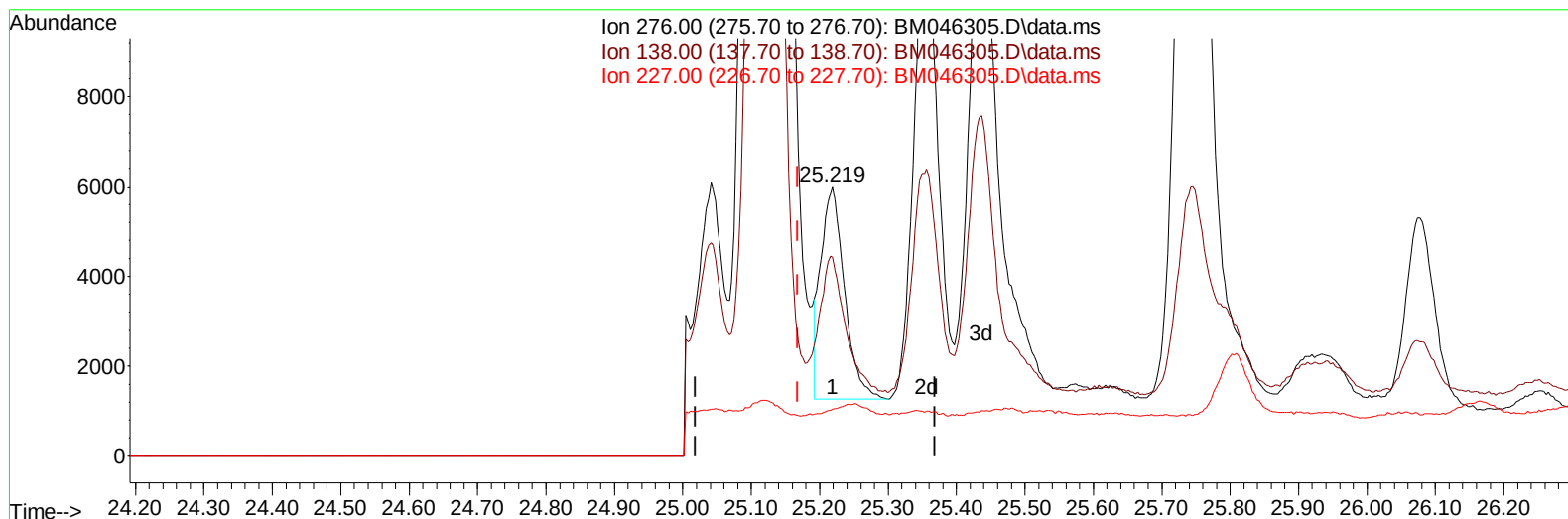
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046305.D
Acq On : 25 Jun 2024 23:24
Operator : MA/JU
Sample : P2844-15
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C69

Manual IntegrationsAPPROVED

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TIC: BM046305.D\data.ms

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

25.219min (+ 0.050) 0.22 ng/u1

response 11347

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	70.82#
227.00	0.00	0.00
0.00	0.00	0.00

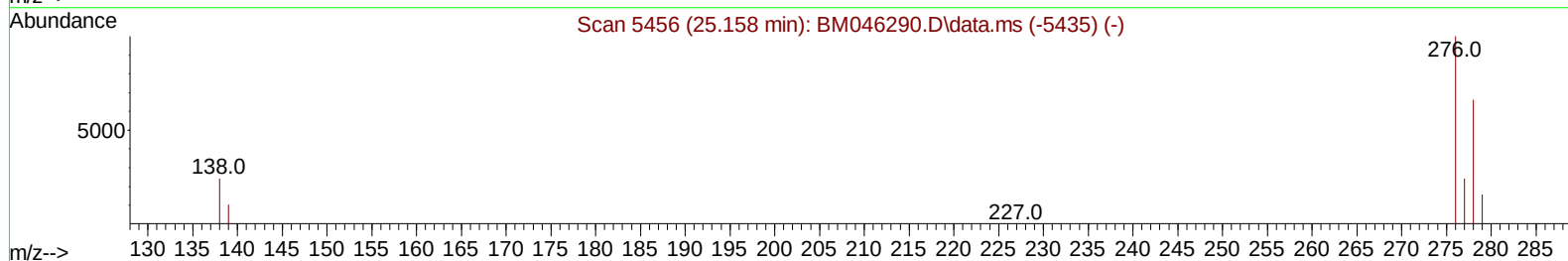
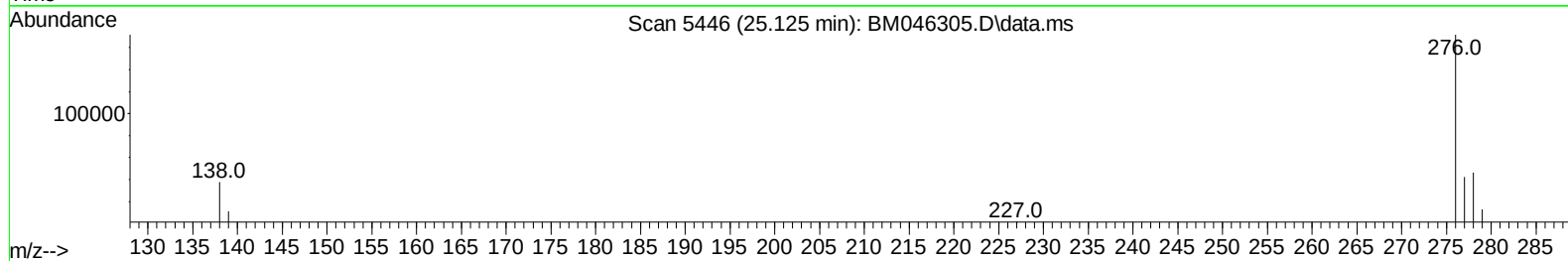
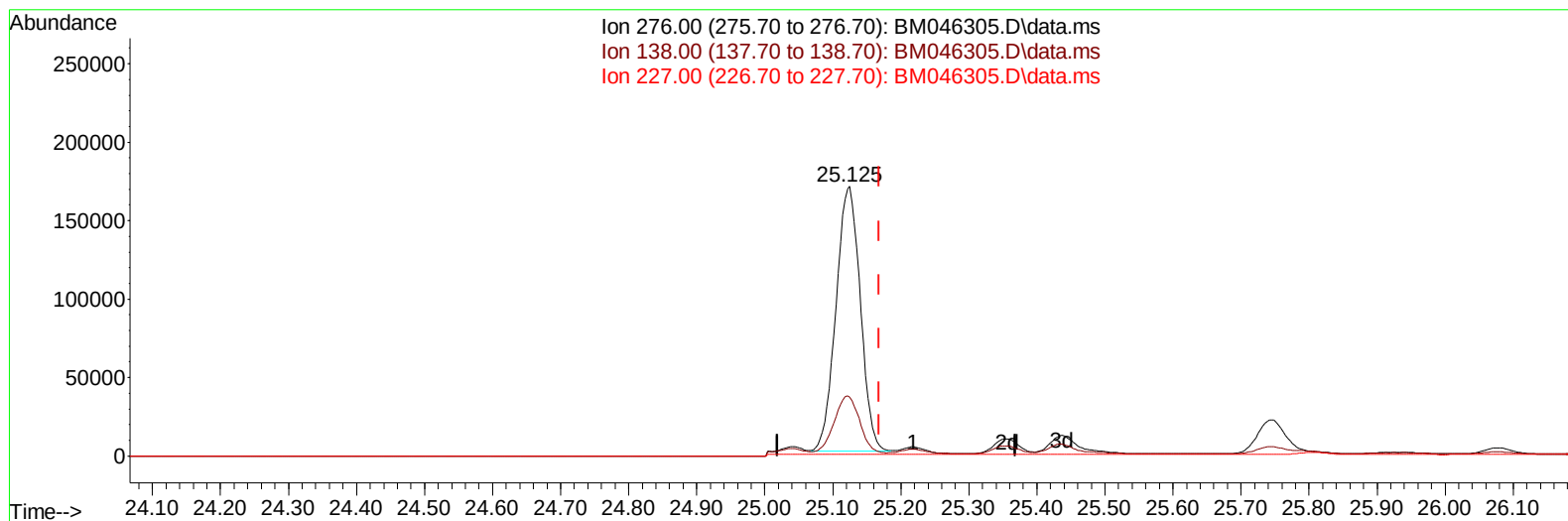
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046305.D
Acq On : 25 Jun 2024 23:24
Operator : MA/JU
Sample : P2844-15
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C69

Manual IntegrationsAPPROVED

Quant Time: Jun 26 00:05:28 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 08:04:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/26/2024
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TIC: BM046305.D\data.ms

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

25.125min (-0.044) 8.01 ng/ul m

response 416967

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	1.93#
227.00	0.00	0.00
0.00	0.00	0.00

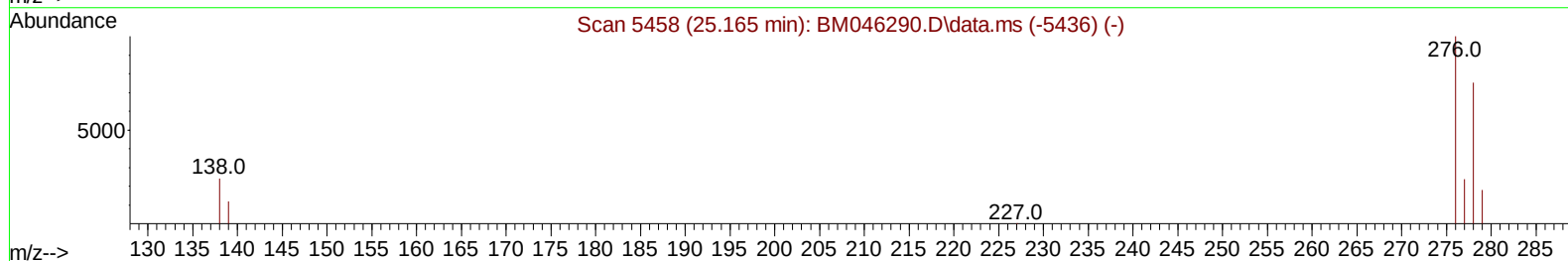
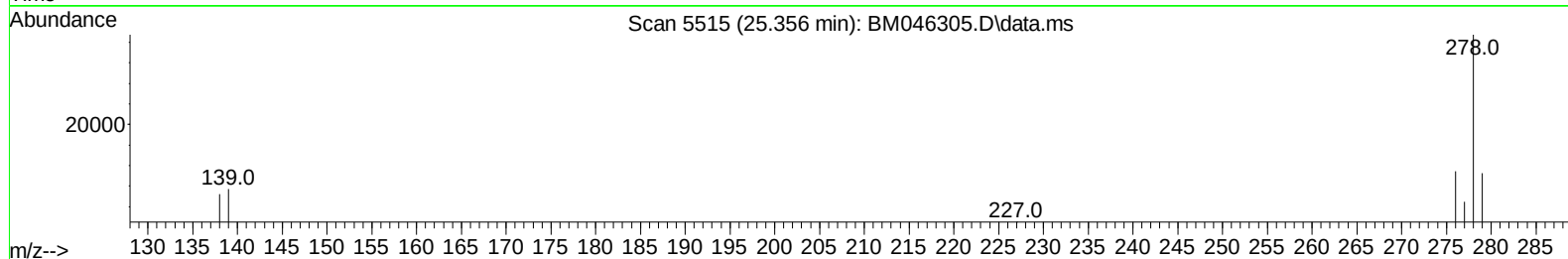
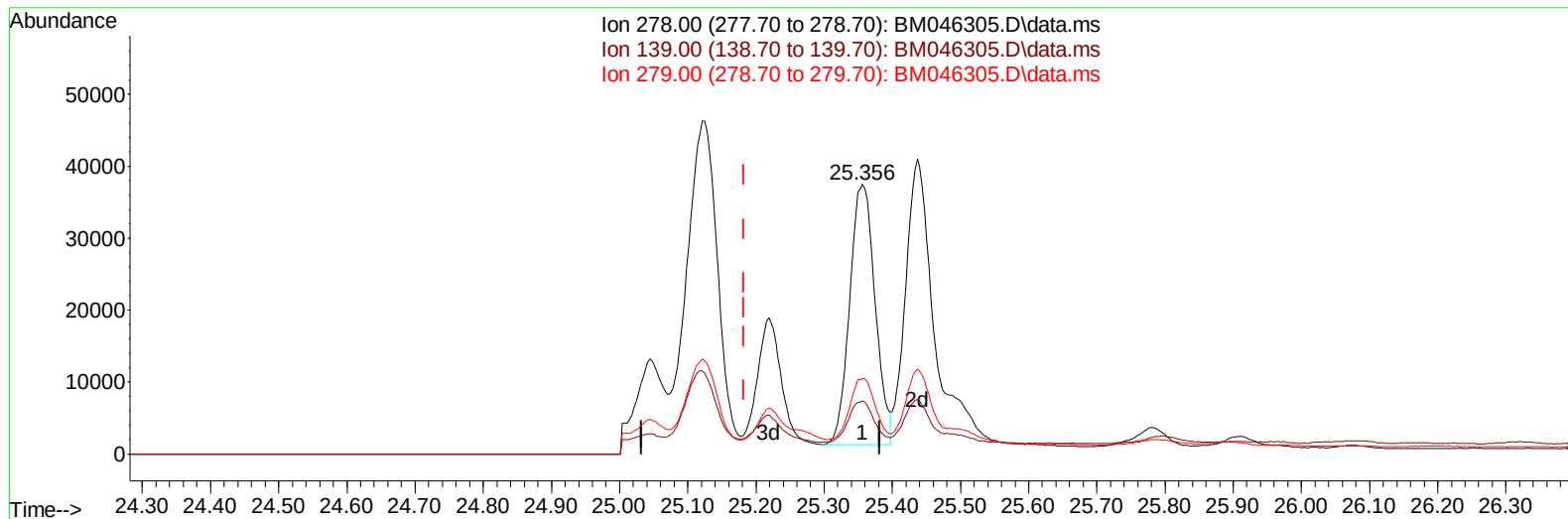
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046305.D
Acq On : 25 Jun 2024 23:24
Operator : MA/JU
Sample : P2844-15
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C69

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 06/26/2024
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TIC: BM046305.D\data.ms

(28) Dibenzo(a,h)anthracene

25.356min (+ 0.174) 2.42 ng/u1

response 93602

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	22.00	19.69
279.00	32.90	28.05
0.00	0.00	0.00

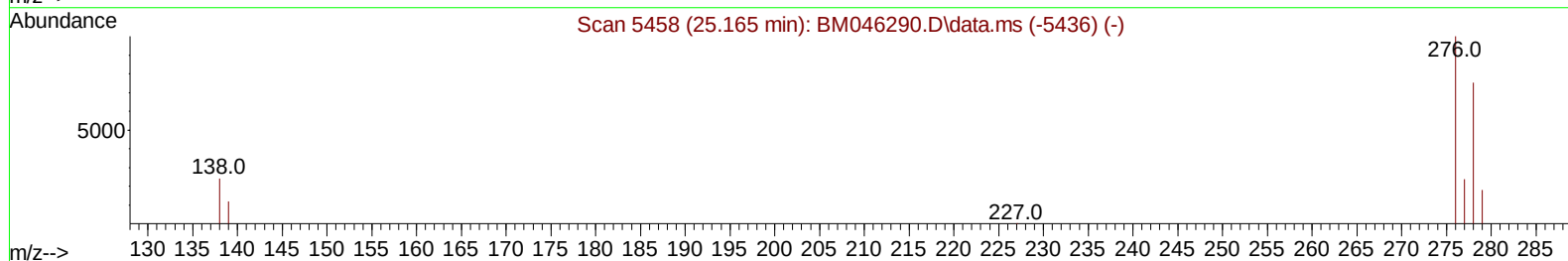
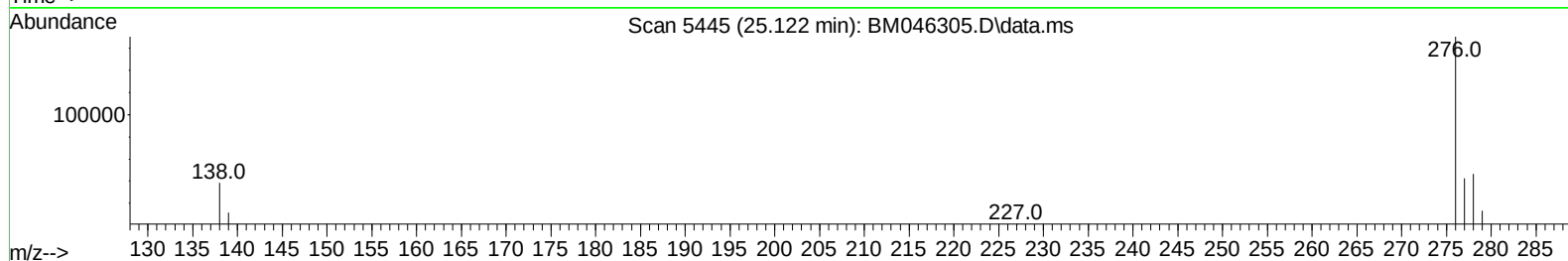
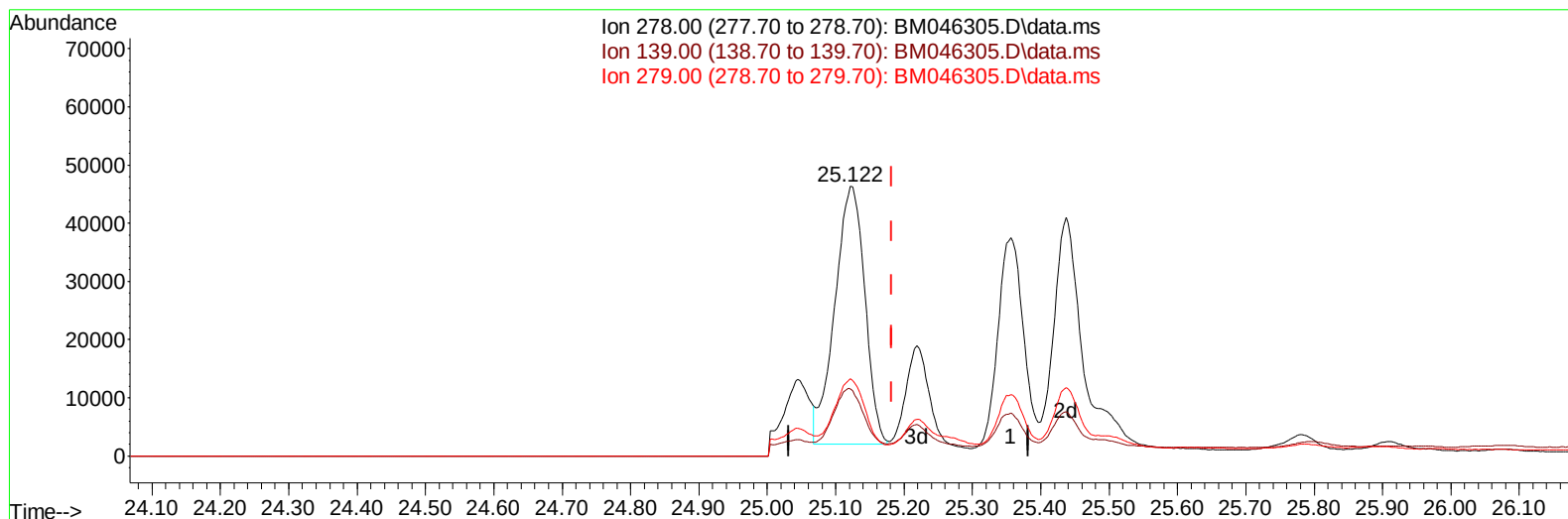
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046305.D
Acq On : 25 Jun 2024 23:24
Operator : MA/JU
Sample : P2844-15
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C69

Manual IntegrationsAPPROVED

Quant Time: Jun 26 00:05:28 2024
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TIC: BM046305.D\data.ms

(28) Dibenzo(a,h)anthracene

25.122min (-0.060) 3.48 ng/ul m

response 134864

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	22.00	24.87
279.00	32.90	28.56
0.00	0.00	0.00

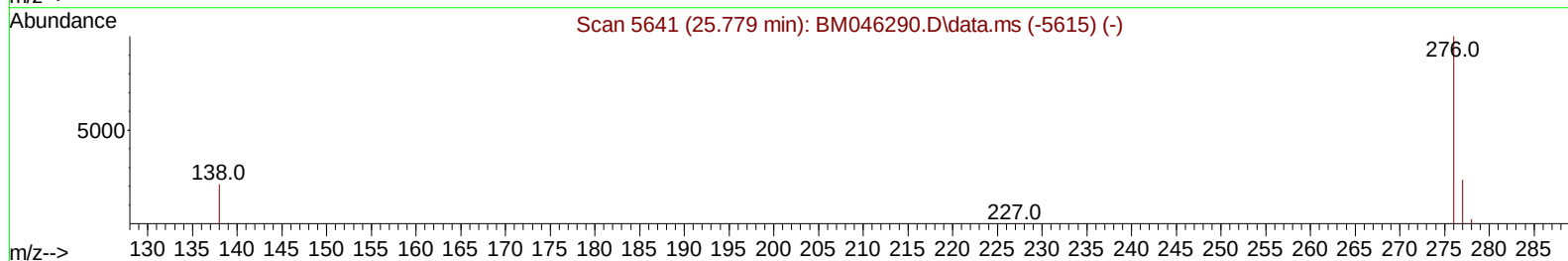
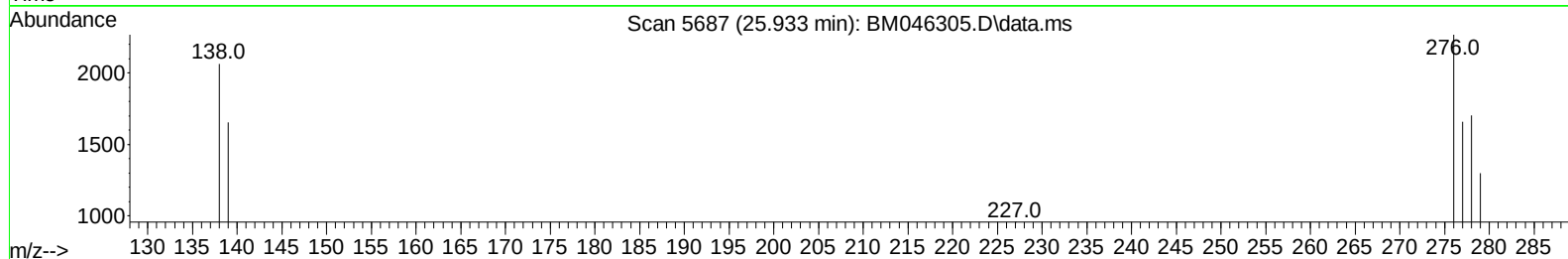
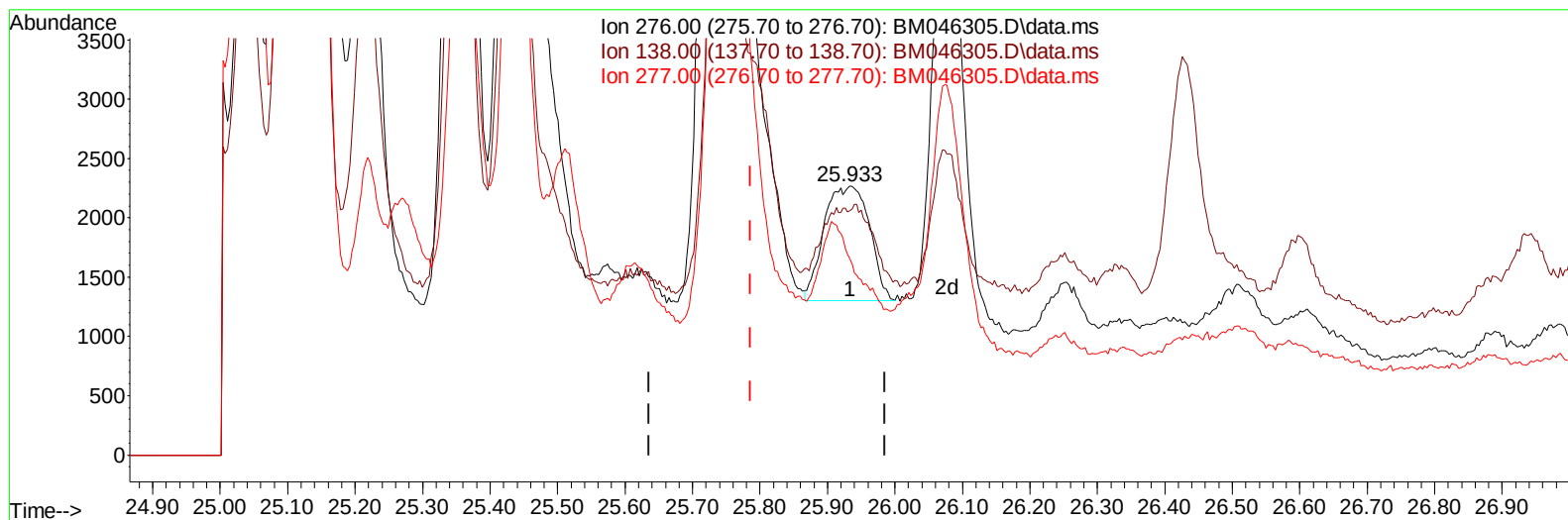
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046305.D
Acq On : 25 Jun 2024 23:24
Operator : MA/JU
Sample : P2844-15
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C69

Manual IntegrationsAPPROVED

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TIC: BM046305.D\data.ms

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

25.933min (+ 0.148) 0.10 ng/u1

response 4535

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.10	91.00#
277.00	25.50	73.09#
0.00	0.00	0.00

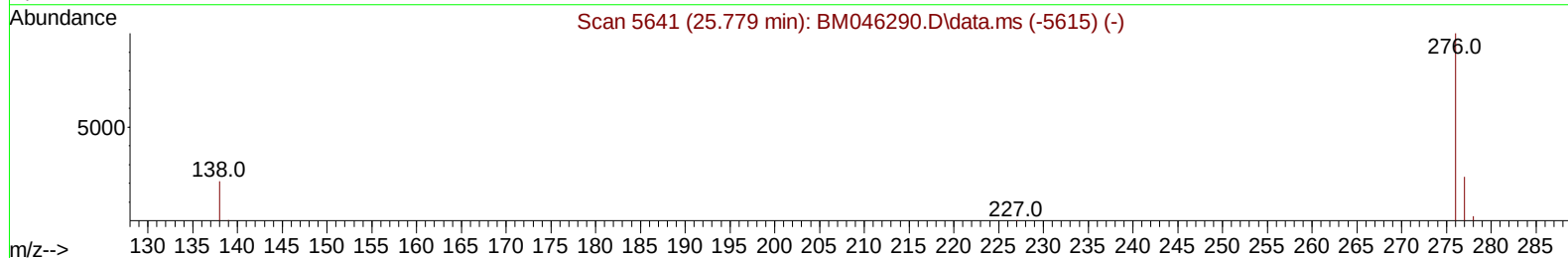
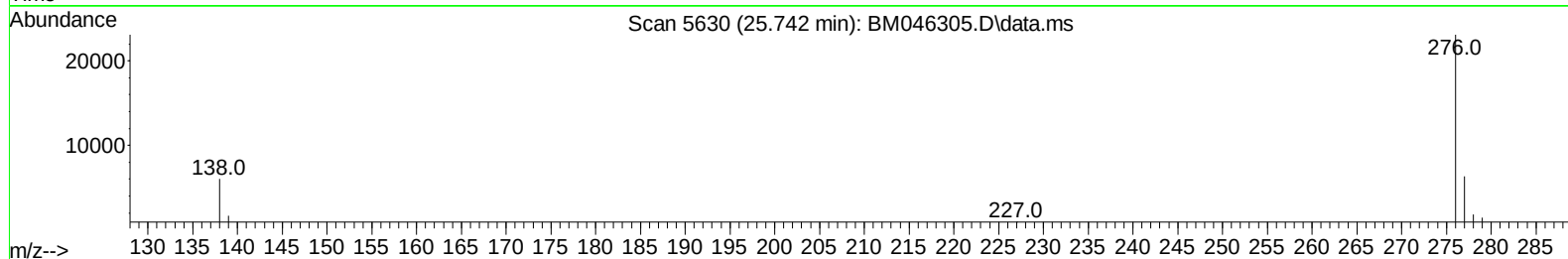
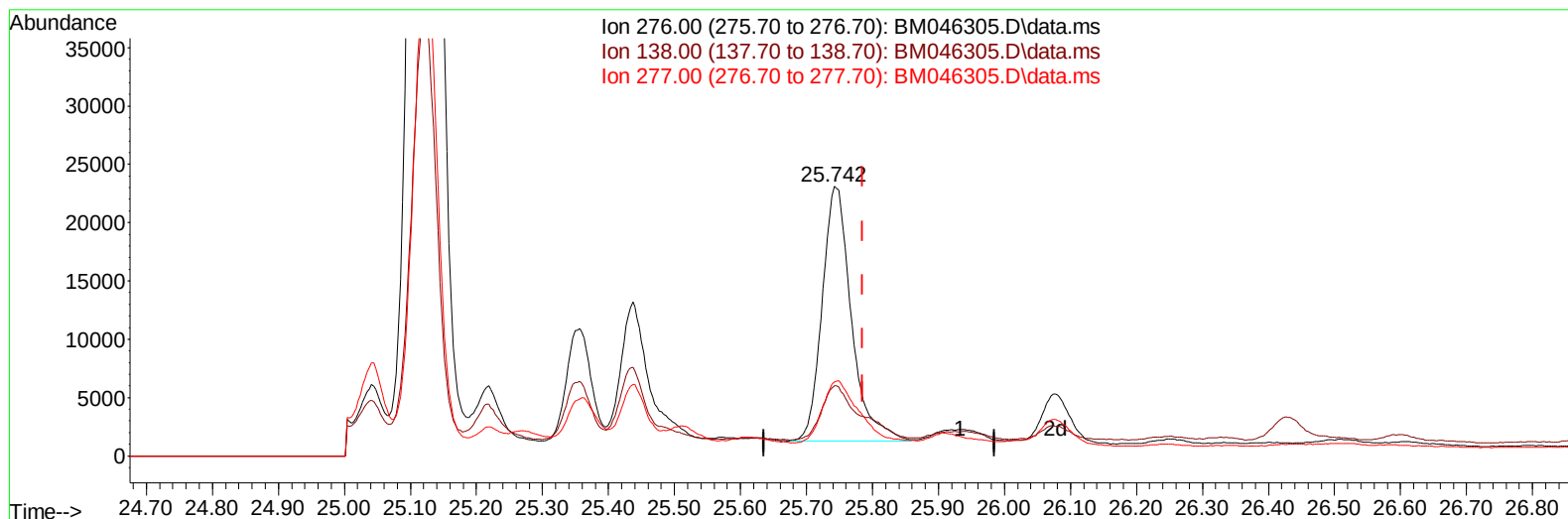
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046305.D
Acq On : 25 Jun 2024 23:24
Operator : MA/JU
Sample : P2844-15
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C69

Manual IntegrationsAPPROVED

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TIC: BM046305.D\data.ms

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

25.742min (-0.044) 1.51 ng/ul m

response 67240

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.10	26.03
277.00	25.50	27.41
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046305.D
 Acq On : 25 Jun 2024 23:24
 Operator : MA/JU
 Sample : P2844-15
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C69

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.392	152	2297	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.161	136	6977	0.400	ng/ul	-0.09
9) Acenaphthene-d10	14.040	164	3979	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.782	188	9006m	0.400	ng/ul	-0.07
17) Chrysene-d12	20.991	240	6016m	0.400	ng/ul	-0.04
23) Perylene-d12	23.083	264	9528m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.016	96	9873	3.133	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.761	152	2669	0.285	ng/ul	-0.11
18) Fluoranthene-d10	18.821	212	6409m	0.356	ng/ul	-0.05
Target Compounds						
						Qvalue
5) Naphthalene	10.205	128	21672	1.114	ng/ul	94
7) 2-Methylnaphthalene	11.838	142	8973	0.819	ng/ul	96
8) 1-Methylnaphthalene	12.053	142	6838	0.569	ng/ul	99
10) Acenaphthylene	13.753	152	58561	3.103	ng/ul	97
11) Acenaphthene	14.100	153	24273	1.782	ng/ul	98
12) Fluorene	15.094	166	31235	2.136	ng/ul	100
14) Pentachlorophenol	16.470	266	420	0.156	ng/ul	95
15) Phenanthrene	16.825	178	724040m	28.615	ng/ul	
16) Anthracene	16.918	178	138303m	7.339	ng/ul	
19) Fluoranthene	18.853	202	1552040m	59.583	ng/ul	
20) Pyrene	19.216	202	1127854m	40.037	ng/ul	
21) Benzo(a)anthracene	20.973	228	651347m	28.030	ng/ul	
22) Chrysene	21.026	228	743191m	25.061	ng/ul	
24) Benzo(b)fluoranthene	22.469	252	1083433m	31.562	ng/ul	
25) Benzo(k)fluoranthene	22.504	252	377536m	9.251	ng/ul	
26) Benzo(a)pyrene	22.993	252	427766m	13.448	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.125	276	416967m	8.009	ng/ul	
28) Dibenzo(a,h)anthracene	25.122	278	134864m	3.480	ng/ul	
29) Benzo(g,h,i)perylene	25.742	276	67240m	1.506	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
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