

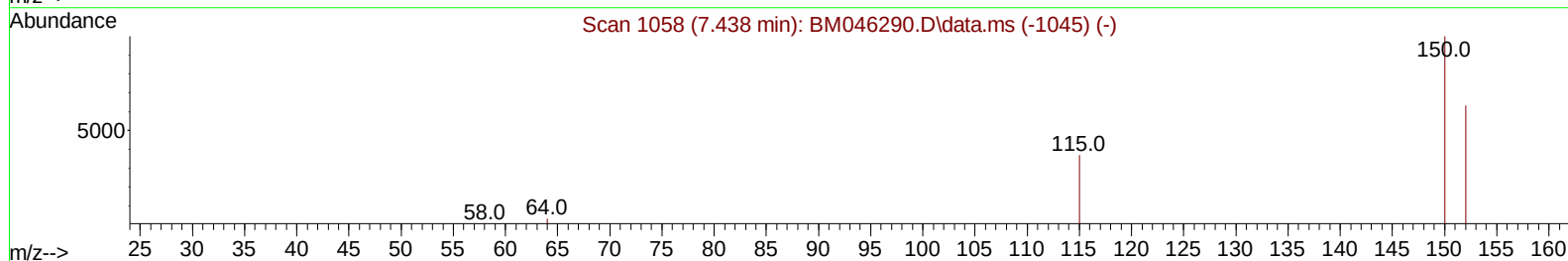
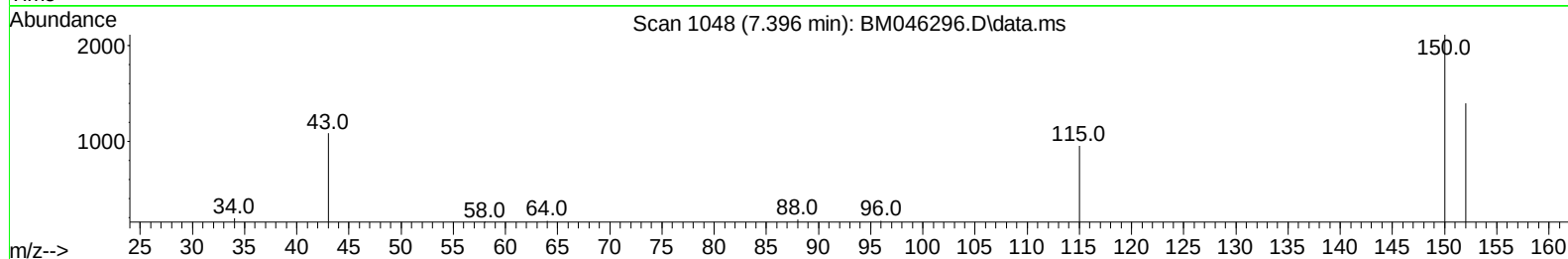
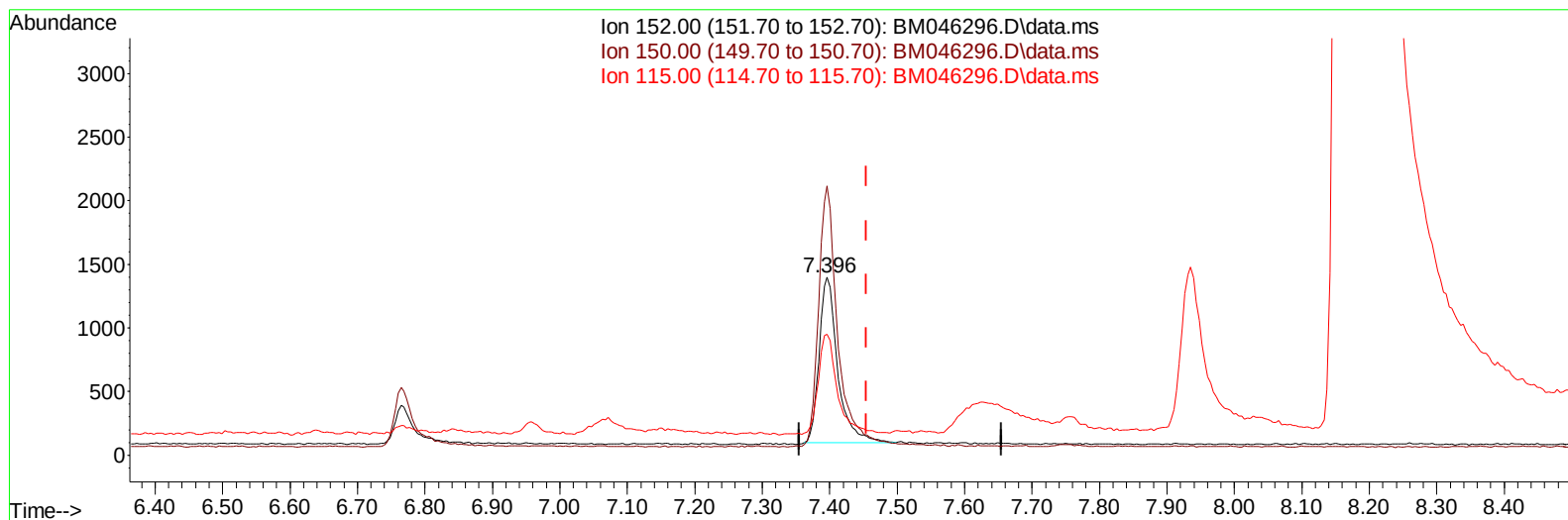
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046296.D
Acq On : 25 Jun 2024 17:53
Operator : MA/JU
Sample : P2844-16
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C78

Manual IntegrationsAPPROVED

Quant Time: Jun 25 23:28:13 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: BM046296.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.396min (-0.059) 0.40 ng/u1

response 2492

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	145.80	151.11
115.00	80.40	68.05
0.00	0.00	0.00

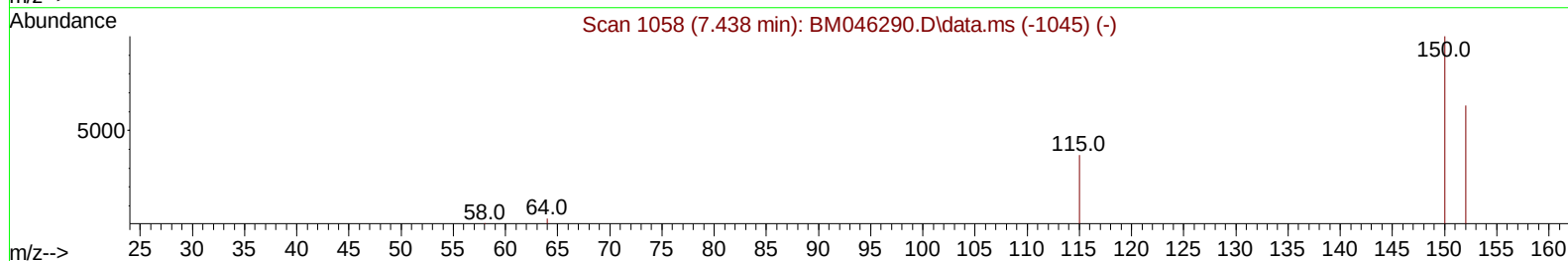
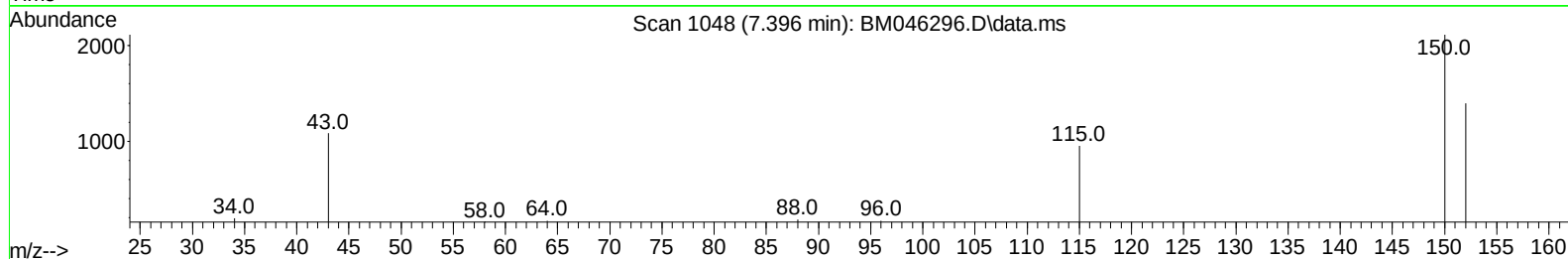
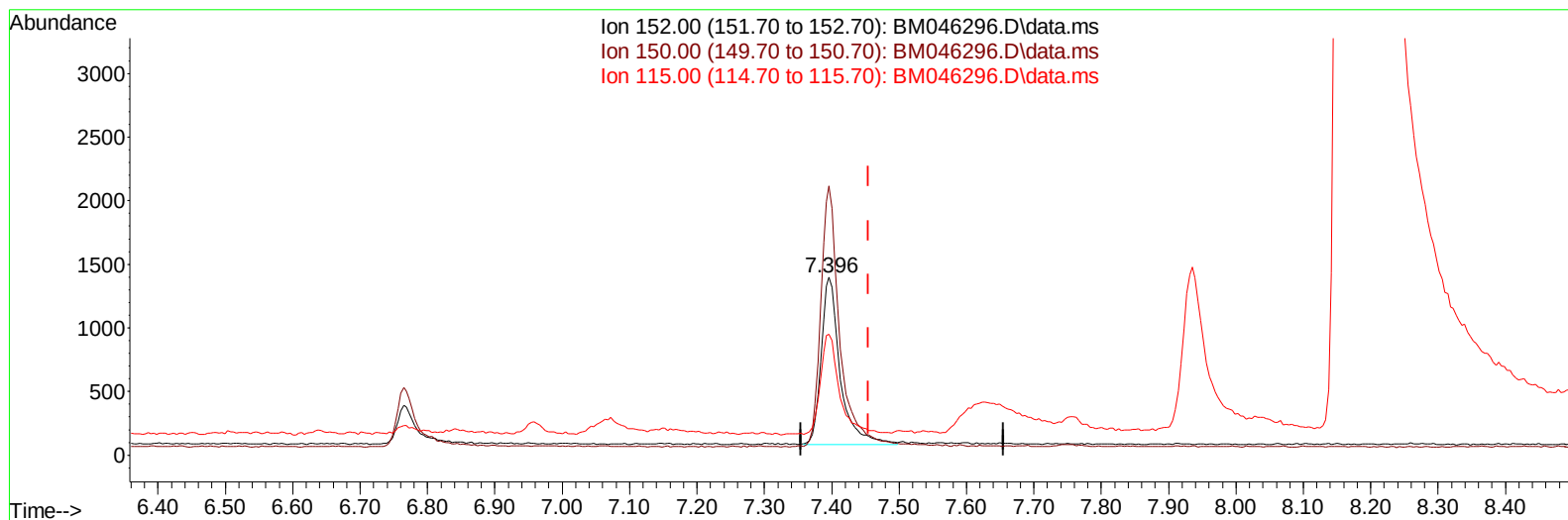
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046296.D
Acq On : 25 Jun 2024 17:53
Operator : MA/JU
Sample : P2844-16
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C78

Manual IntegrationsAPPROVED

Quant Time: Jun 25 23:28:13 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: BM046296.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.396min (-0.059) 0.40 ng/ul m

response 2617

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	145.80	151.11
115.00	80.40	68.05
0.00	0.00	0.00

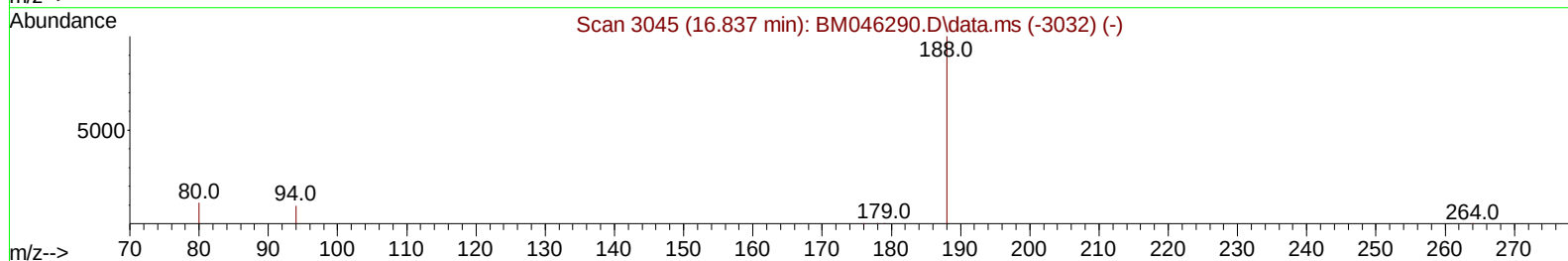
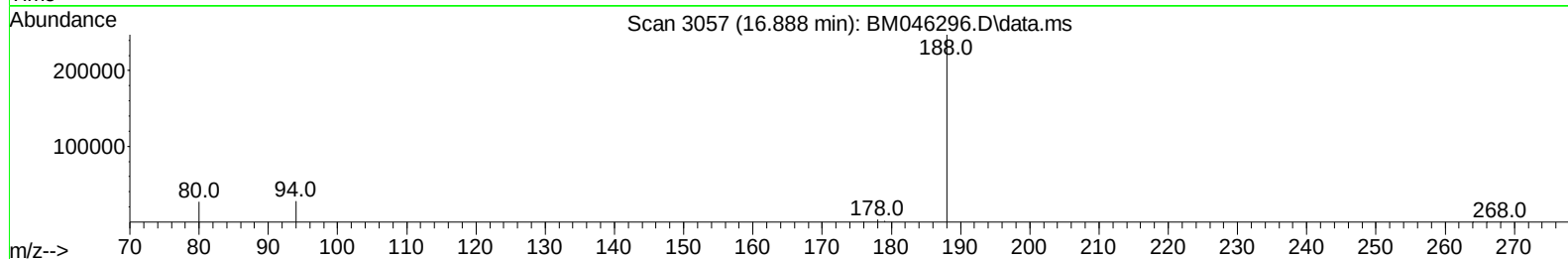
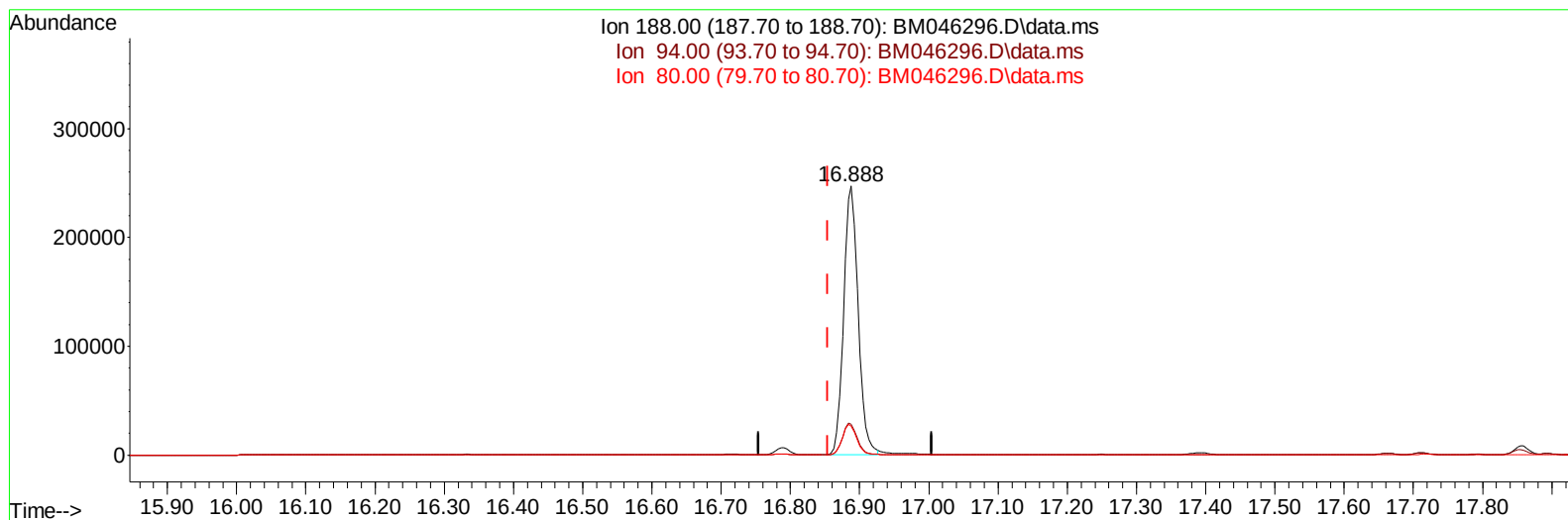
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046296.D
Acq On : 25 Jun 2024 17:53
Operator : MA/JU
Sample : P2844-16
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C78

Manual IntegrationsAPPROVED

Quant Time: Jun 25 23:28:13 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: BM046296.D\data.ms

(13) Phenanthrene-d10 (I)

16.888min (+ 0.034) 0.40 ng/u1

response 359178

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	11.35
80.00	15.20	10.83#
0.00	0.00	0.00

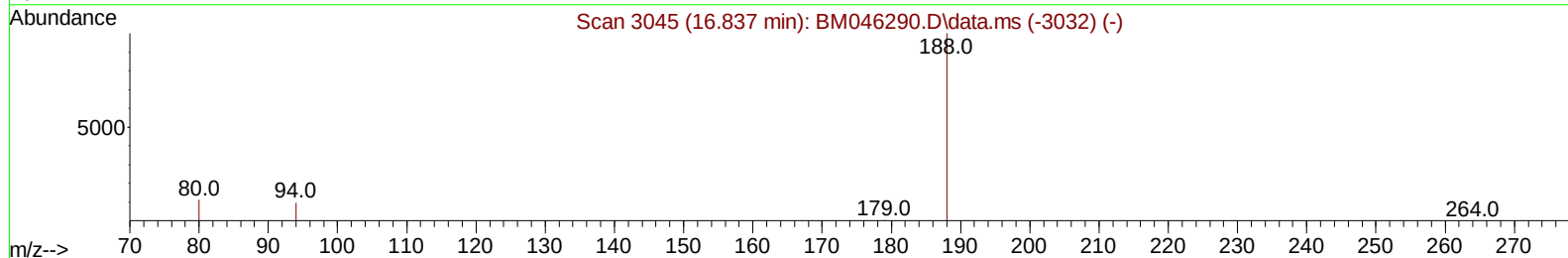
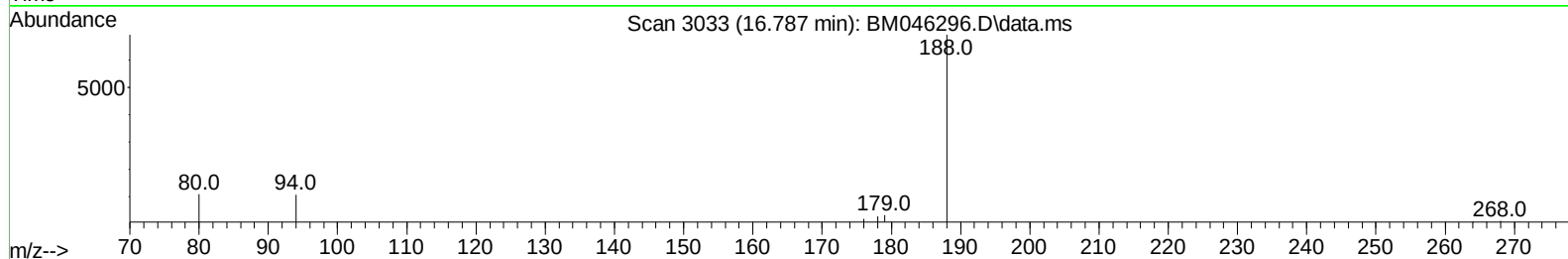
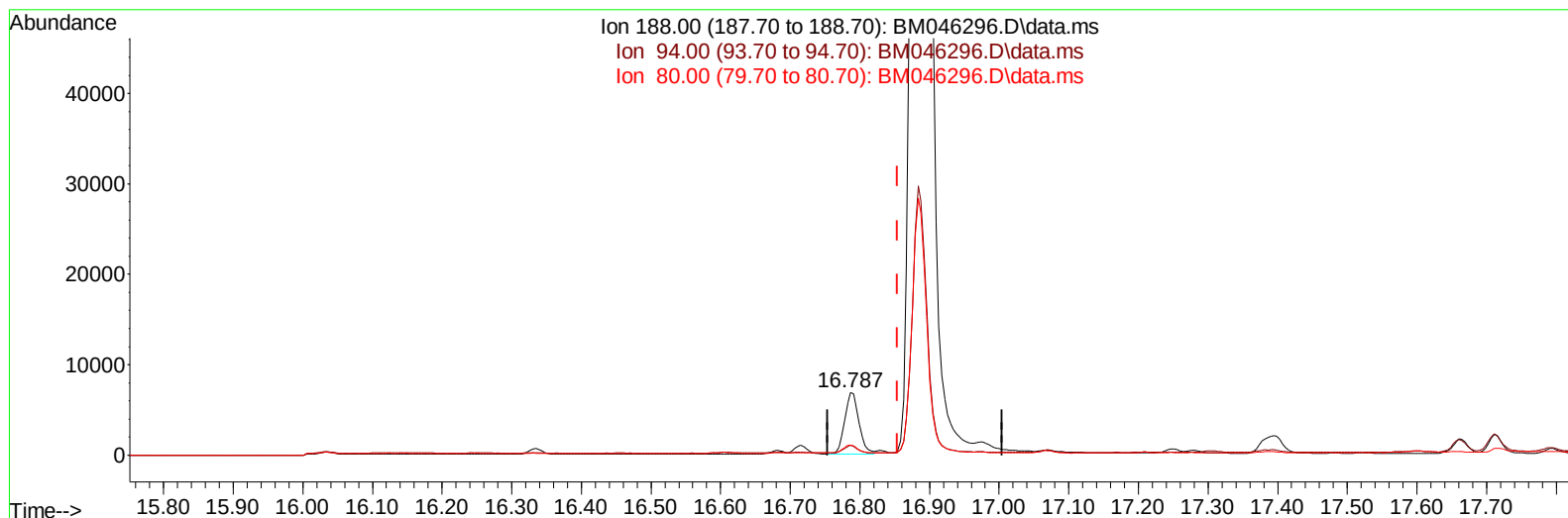
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046296.D
Acq On : 25 Jun 2024 17:53
Operator : MA/JU
Sample : P2844-16
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C78

Manual IntegrationsAPPROVED

Quant Time: Jun 25 23:28:13 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: BM046296.D\data.ms

(13) Phenanthrene-d10 (I)

16.787min (-0.068) 0.40 ng/ul m

response 9763

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	15.32
80.00	15.20	15.77
0.00	0.00	0.00

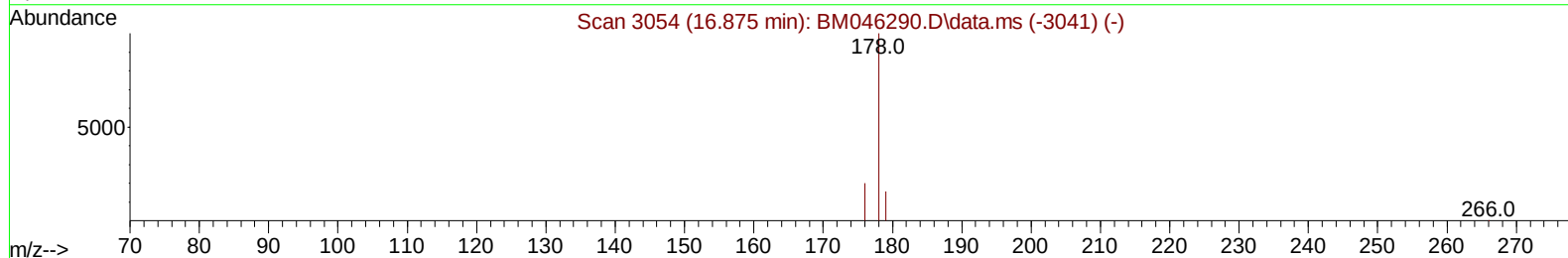
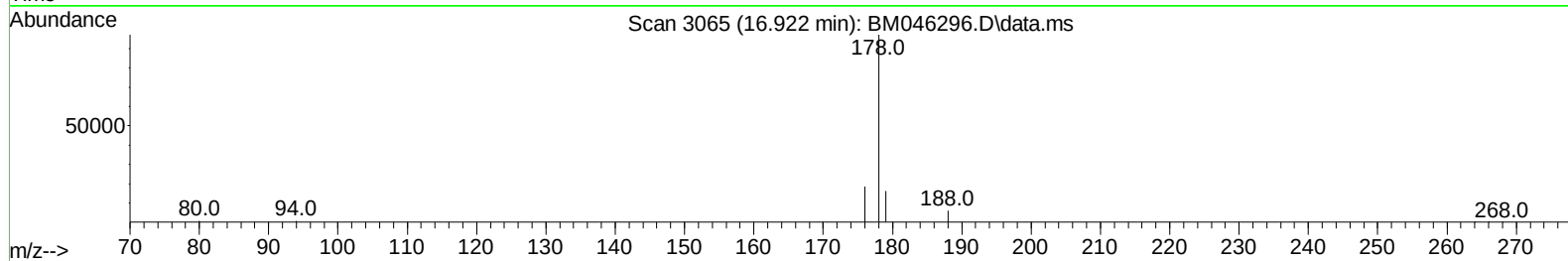
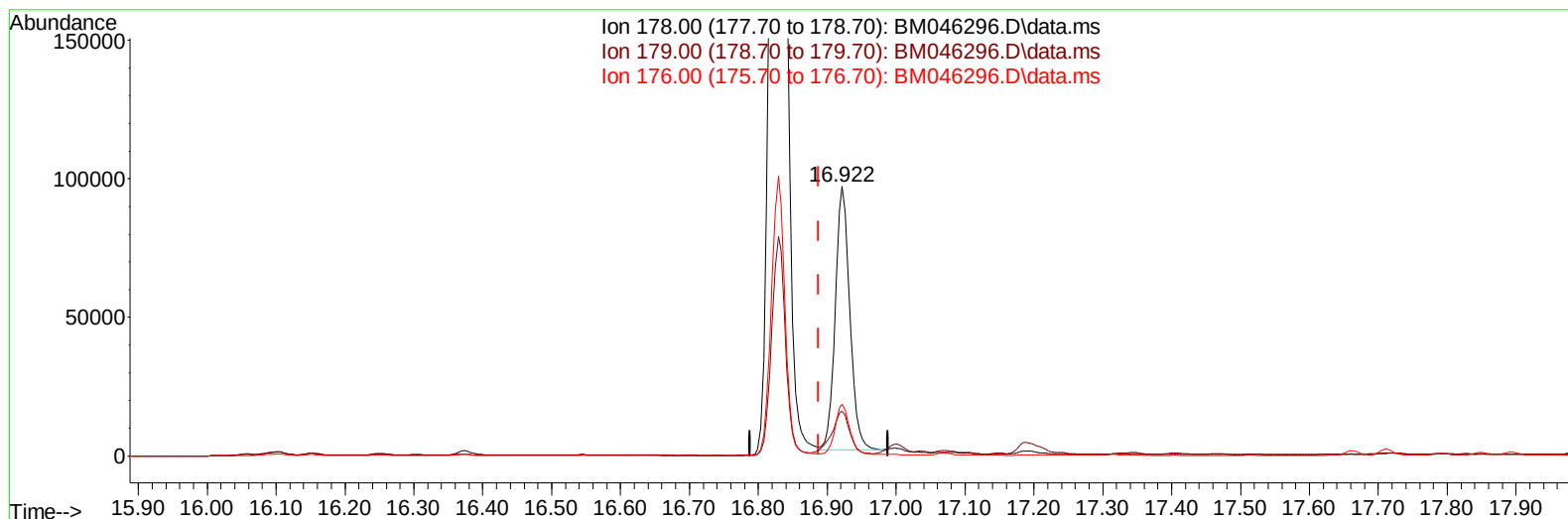
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046296.D
Acq On : 25 Jun 2024 17:53
Operator : MA/JU
Sample : P2844-16
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C78

Manual IntegrationsAPPROVED

Quant Time: Jun 25 23:28:13 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: BM046296.D\data.ms

(15) Phenanthrene

16.922min (+ 0.034) 5.10 ng/u1

response 139882

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	16.65
176.00	21.40	19.13
0.00	0.00	0.00

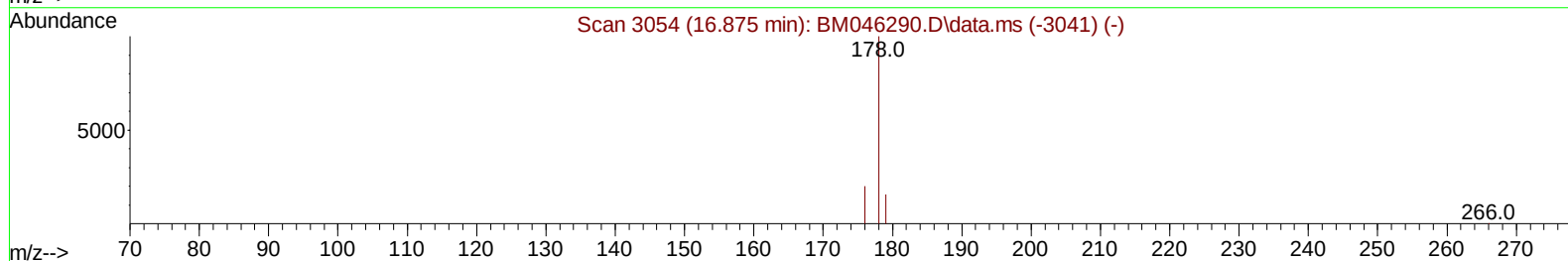
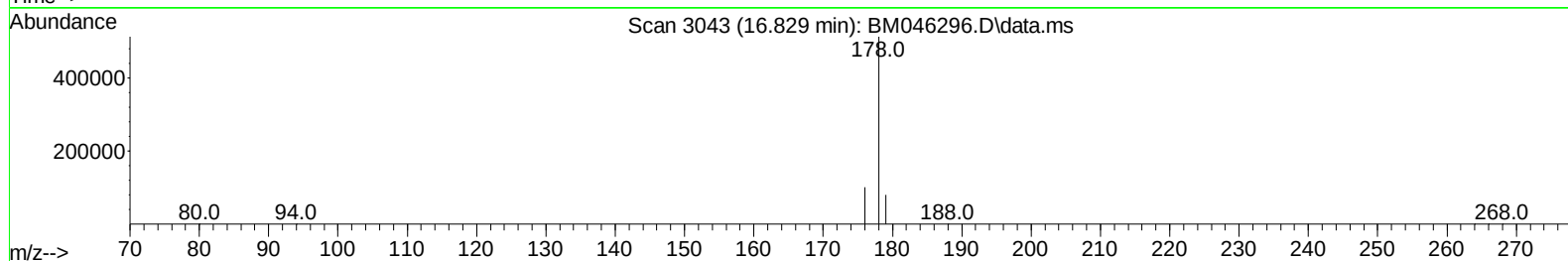
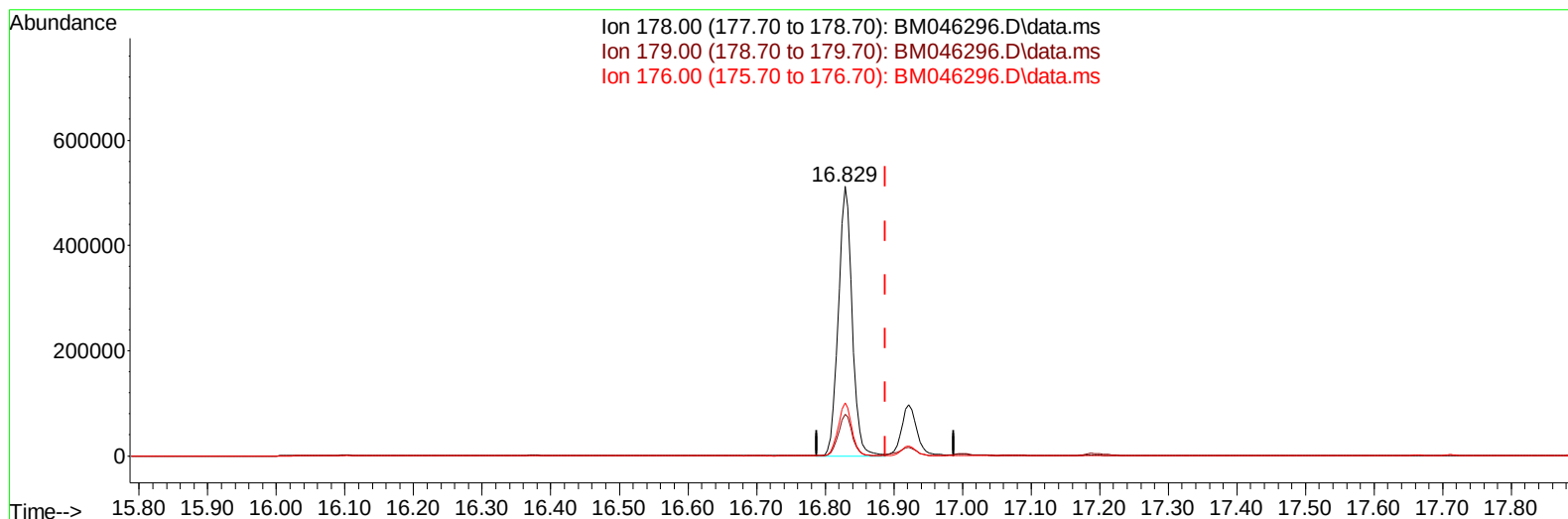
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046296.D
 Acq On : 25 Jun 2024 17:53
 Operator : MA/JU
 Sample : P2844-16
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C78

Manual IntegrationsAPPROVED

Quant Time: Jun 25 23:28:13 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: BM046296.D\data.ms

(15) Phenanthrene

16.829min (-0.059) 26.07 ng/ul m

response 715029

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	15.49
176.00	21.40	19.73
0.00	0.00	0.00

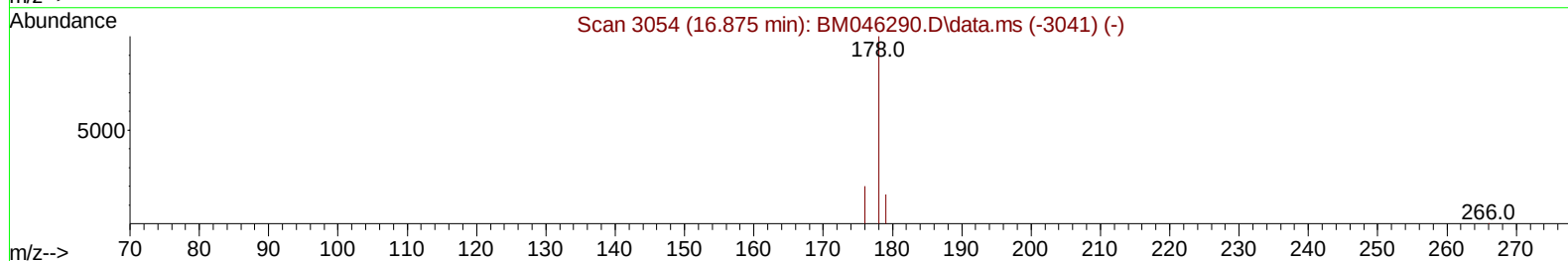
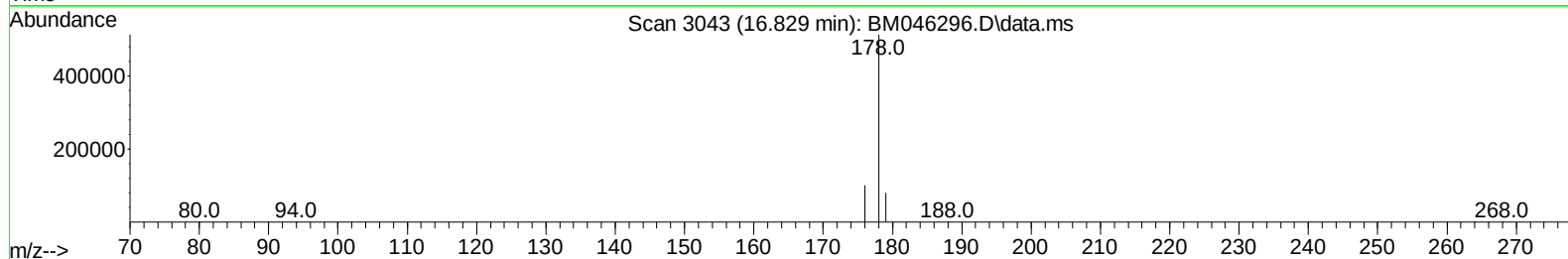
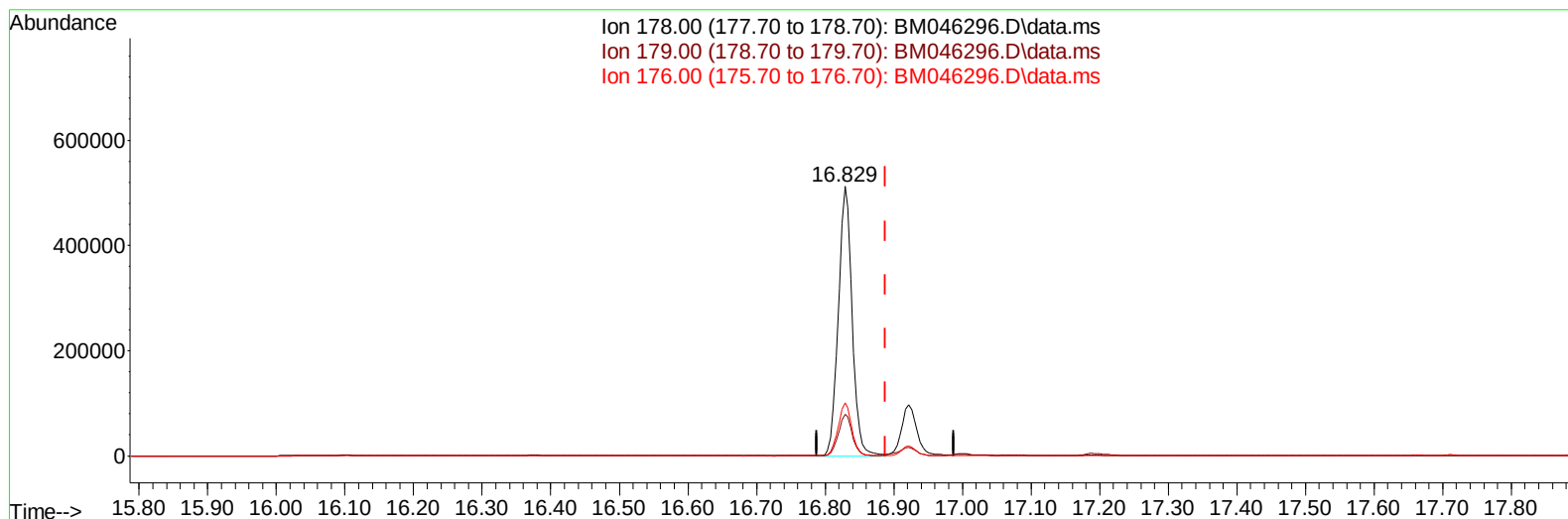
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046296.D
Acq On : 25 Jun 2024 17:53
Operator : MA/JU
Sample : P2844-16
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C78

Manual IntegrationsAPPROVED

Quant Time: Jun 25 23:28:13 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: BM046296.D\data.ms

(15) Phenanthrene

16.829min (-0.059) 26.07 ng/ul m

response 715029

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	15.49
176.00	21.40	19.73
0.00	0.00	0.00

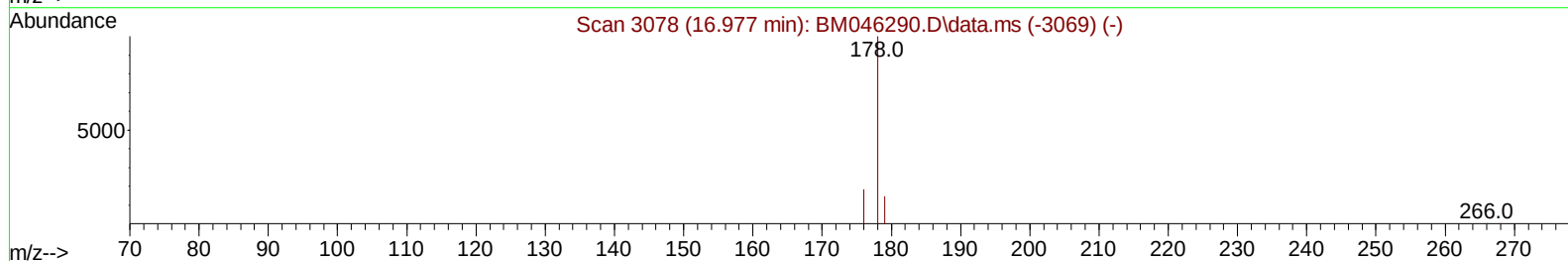
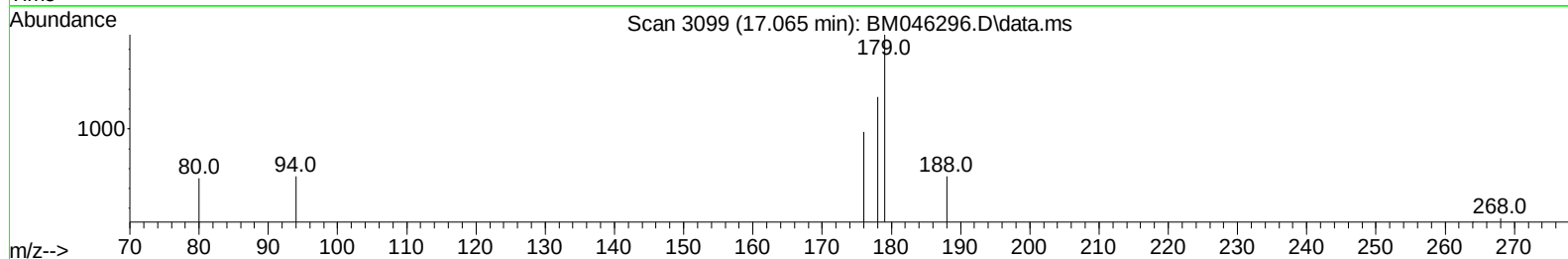
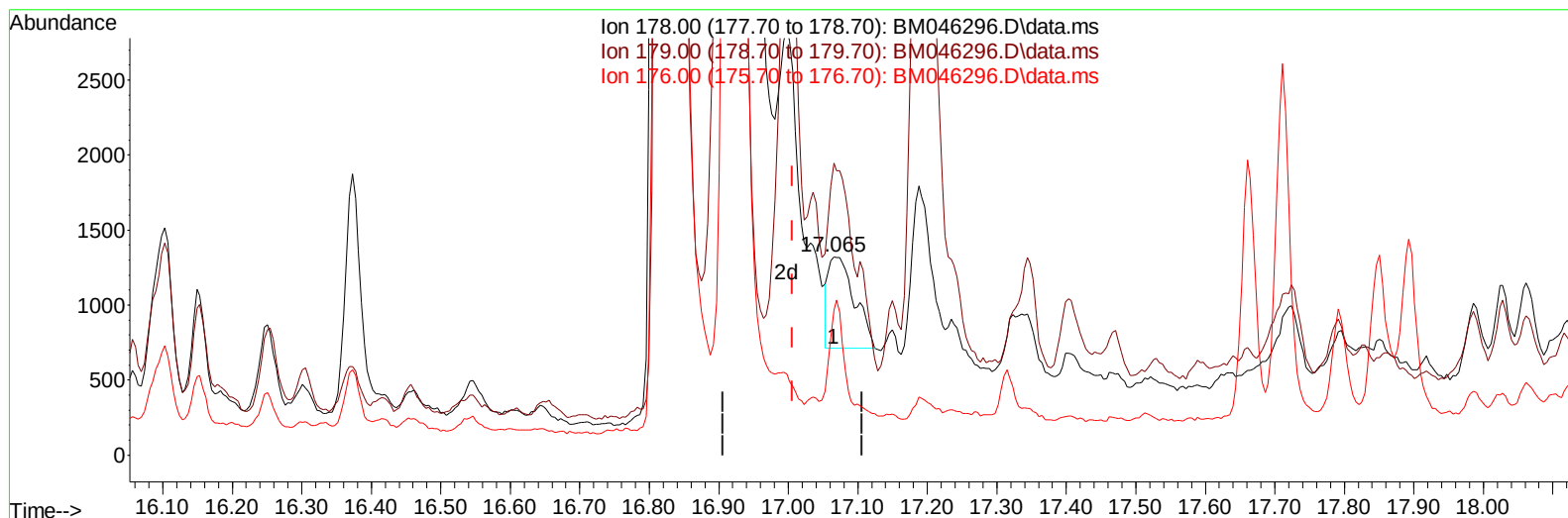
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046296.D
Acq On : 25 Jun 2024 17:53
Operator : MA/JU
Sample : P2844-16
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C78

Manual IntegrationsAPPROVED

Quant Time: Jun 25 23:28:13 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: BM046296.D\data.ms

(16) Anthracene

17.065min (+ 0.059) 0.08 ng/u1

response 1603

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	147.24#
176.00	21.20	73.09#
0.00	0.00	0.00

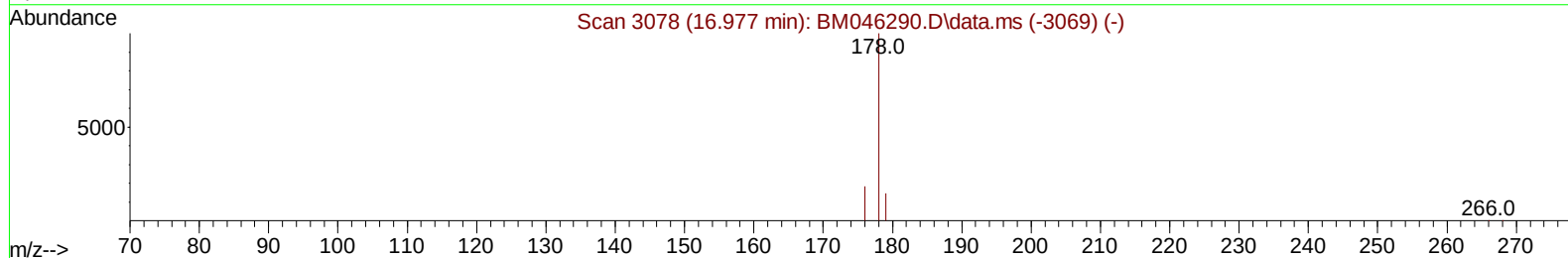
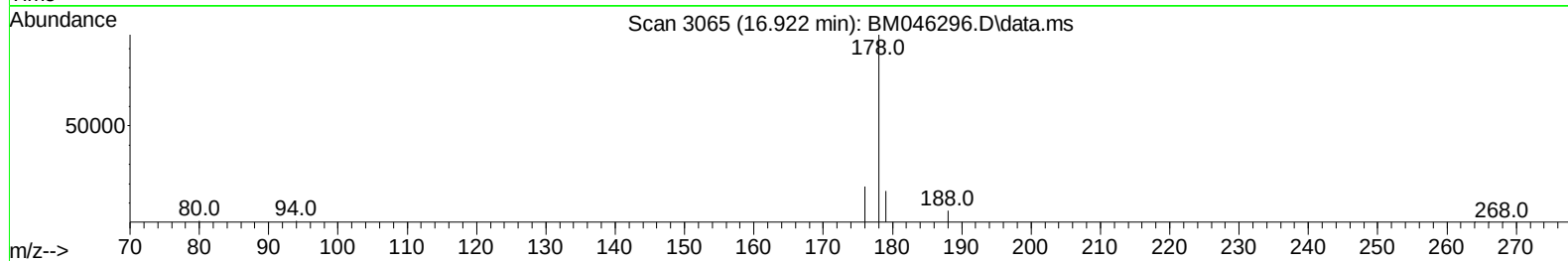
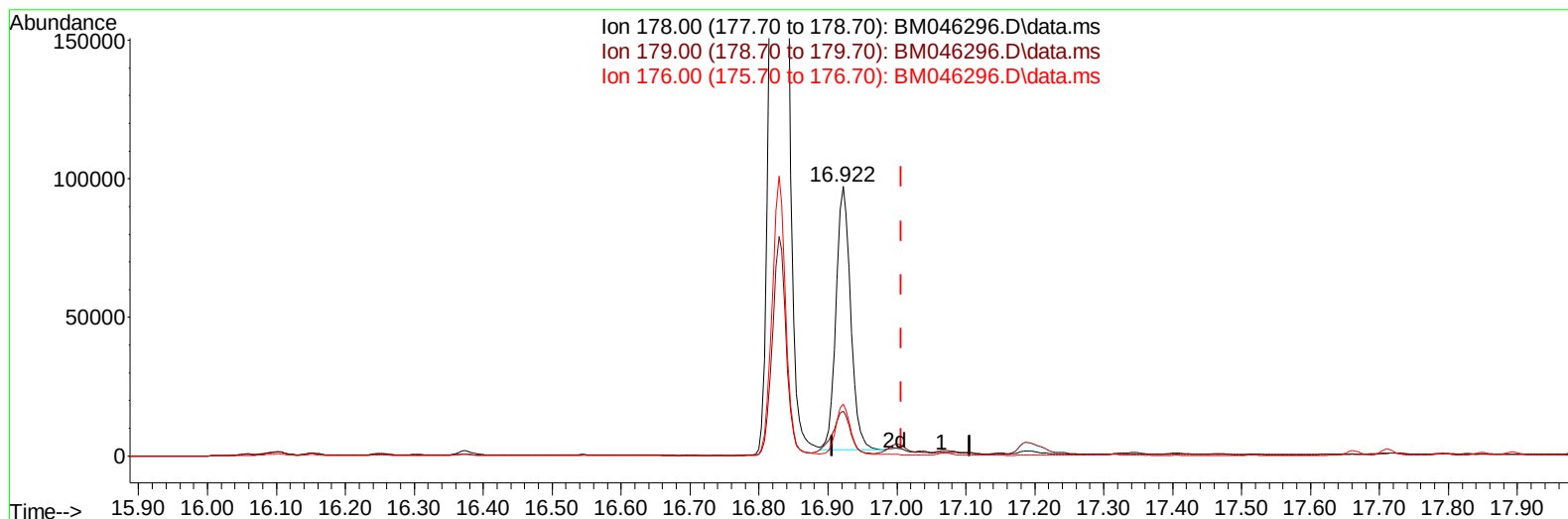
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046296.D
Acq On : 25 Jun 2024 17:53
Operator : MA/JU
Sample : P2844-16
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C78

Manual IntegrationsAPPROVED

Quant Time: Jun 25 23:28:13 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: BM046296.D\data.ms

(16) Anthracene

16.922min (-0.084) 6.88 ng/ul m

response 140506

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	16.65
176.00	21.20	19.13
0.00	0.00	0.00

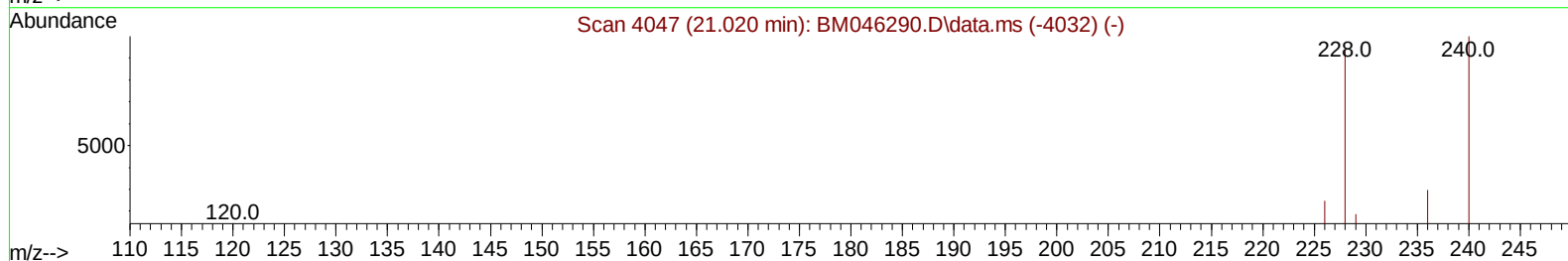
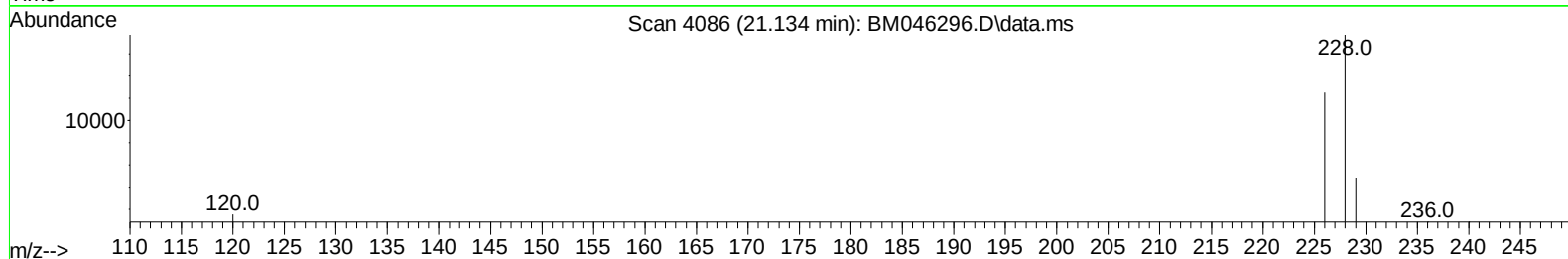
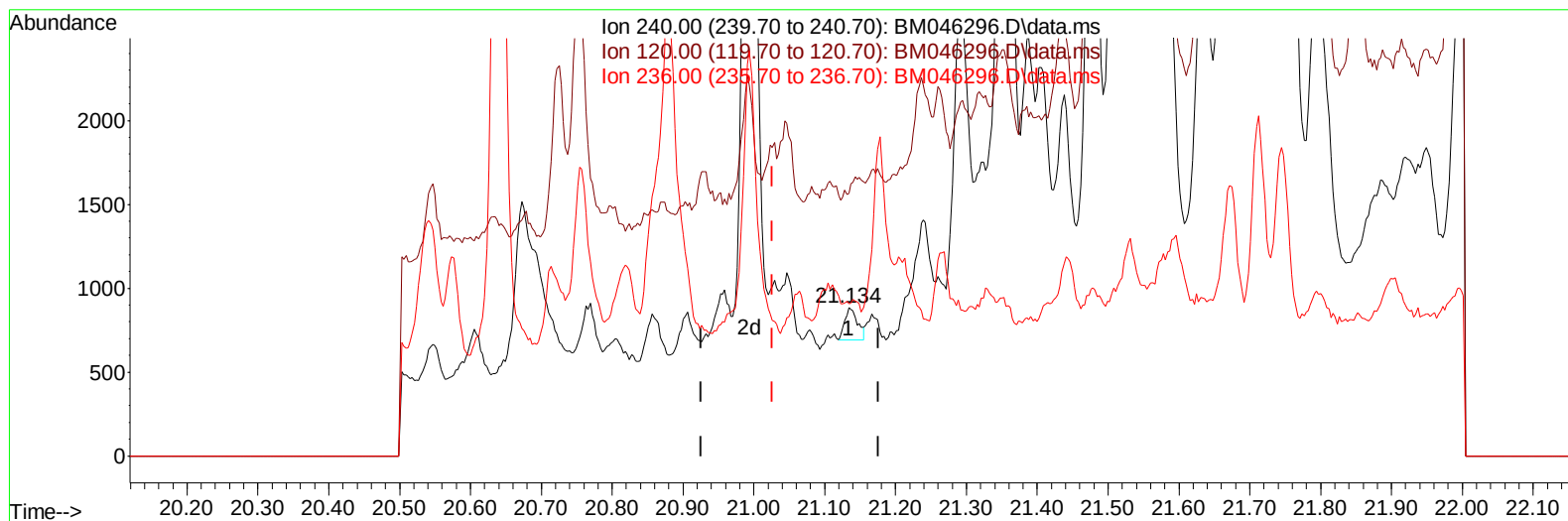
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046296.D
 Acq On : 25 Jun 2024 17:53
 Operator : MA/JU
 Sample : P2844-16
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C78

Manual IntegrationsAPPROVED

Quant Time: Jun 25 23:28:13 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: BM046296.D\data.ms

(17) Chrysene-d12

21.134min (+ 0.108) 0.40 ng/u1

response 243

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	177.38#
236.00	33.60	102.83#
0.00	0.00	0.00

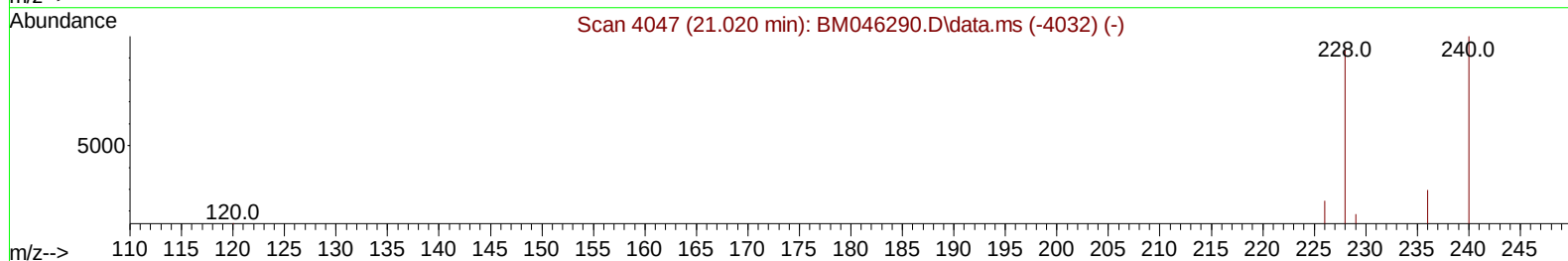
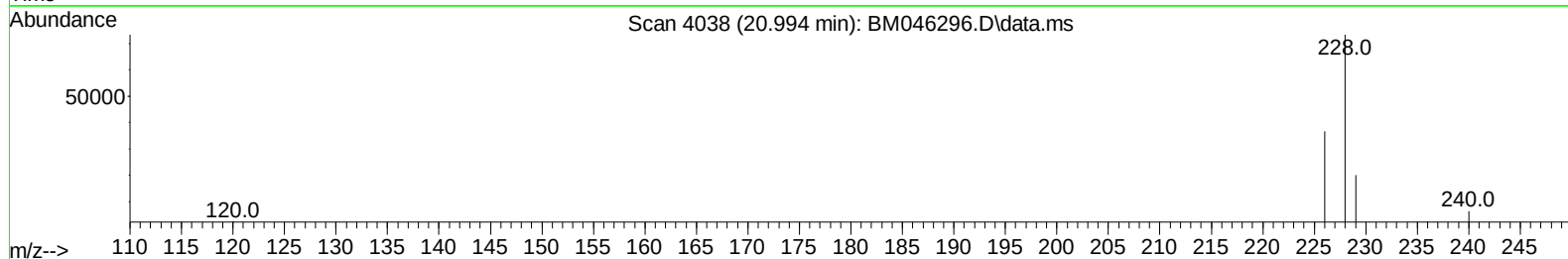
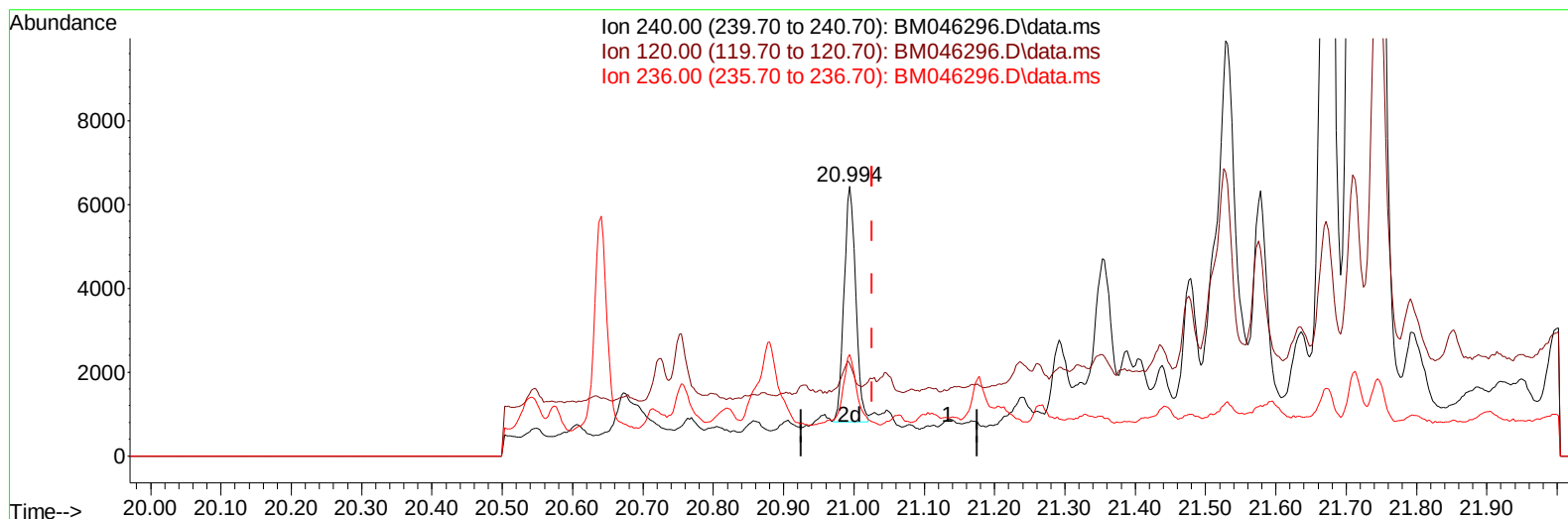
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046296.D
Acq On : 25 Jun 2024 17:53
Operator : MA/JU
Sample : P2844-16
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C78

Manual IntegrationsAPPROVED

Quant Time: Jun 25 23:28:13 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: BM046296.D\data.ms

(17) Chrysene-d12

20.994min (-0.032) 0.40 ng/ul m

response 6484

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	34.40#
236.00	33.60	37.60
0.00	0.00	0.00

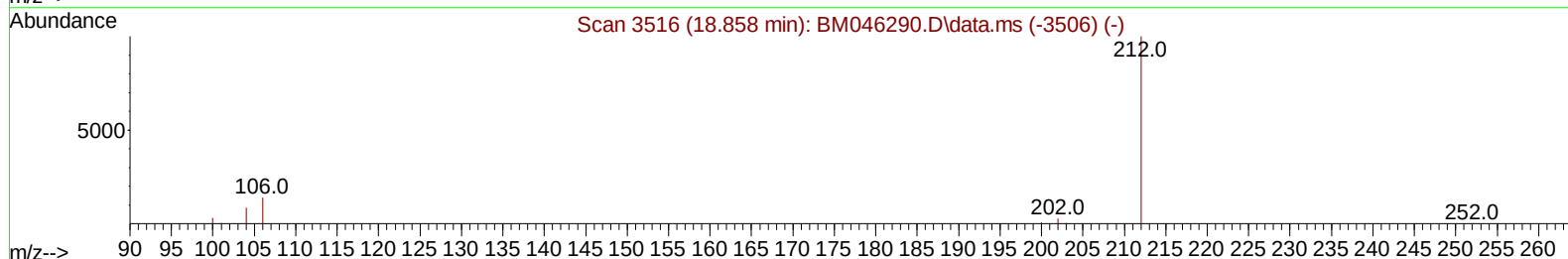
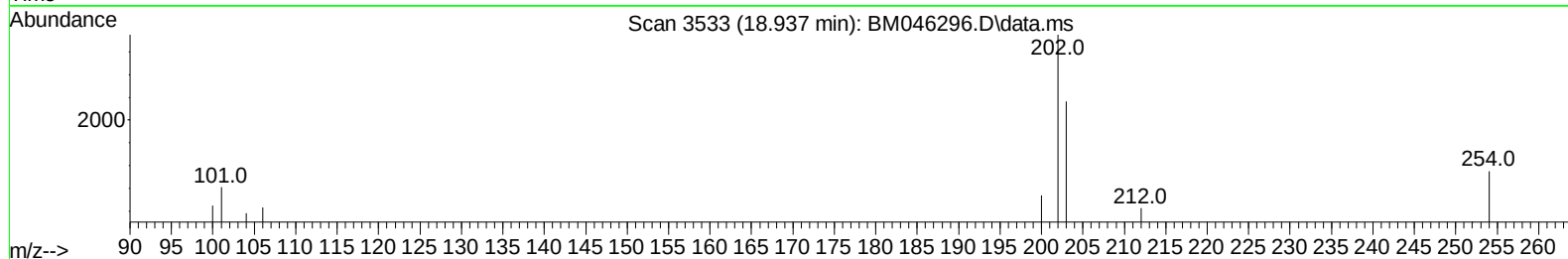
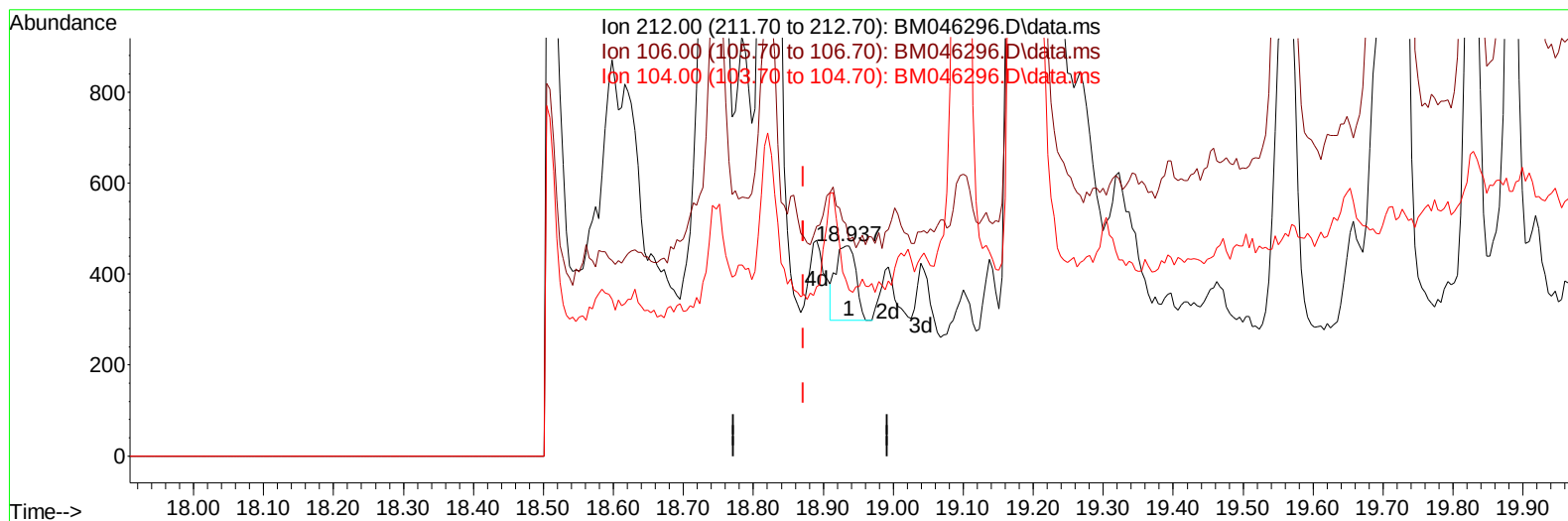
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046296.D
Acq On : 25 Jun 2024 17:53
Operator : MA/JU
Sample : P2844-16
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C78

Manual IntegrationsAPPROVED

Quant Time: Jun 25 23:28:13 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: BM046296.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.937min (+ 0.065) 0.02 ng/u1

response 328

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.70	4.27#
104.00	10.30	0.00#
0.00	0.00	0.00

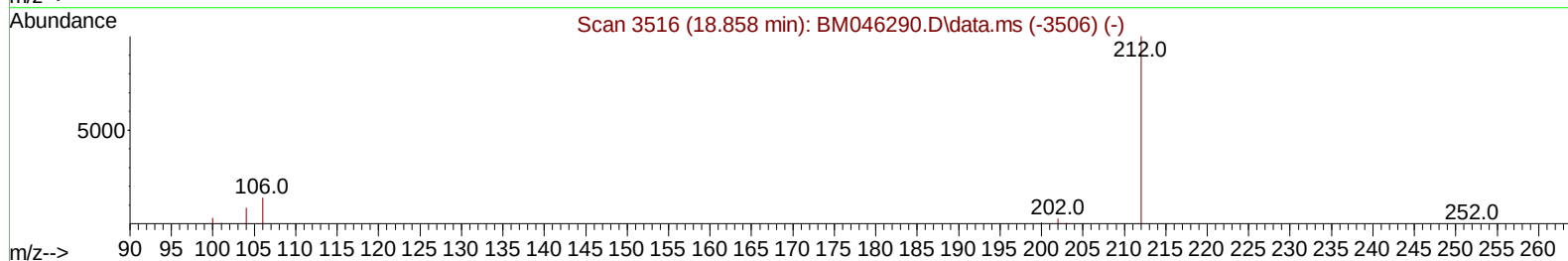
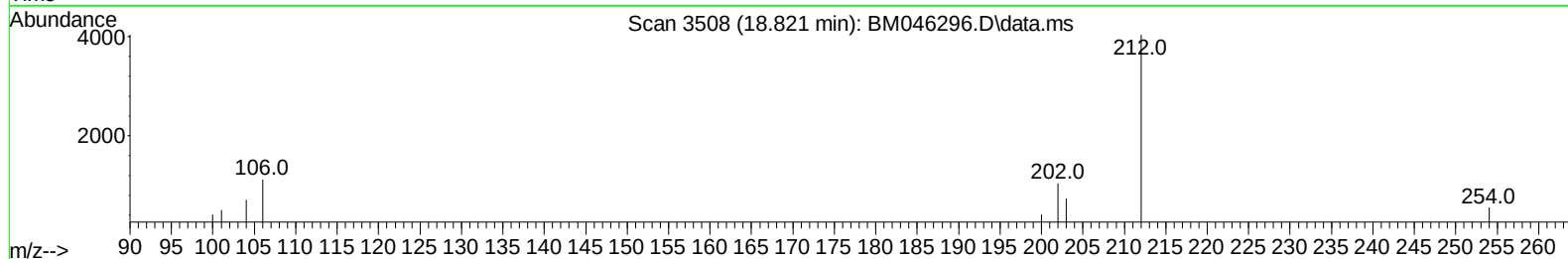
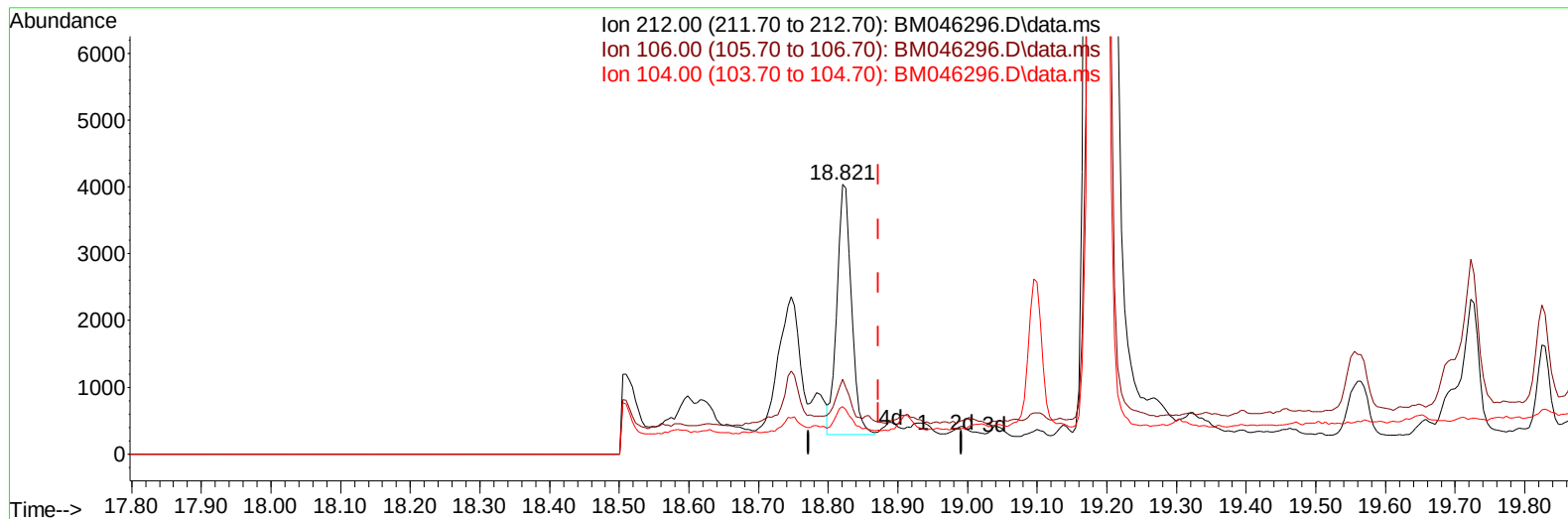
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046296.D
Acq On : 25 Jun 2024 17:53
Operator : MA/JU
Sample : P2844-16
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C78

Manual IntegrationsAPPROVED

Quant Time: Jun 25 23:28:13 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: BM046296.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.821min (-0.051) 0.28 ng/ul m

response 5395

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.70	0.26#
104.00	10.30	0.00#
0.00	0.00	0.00

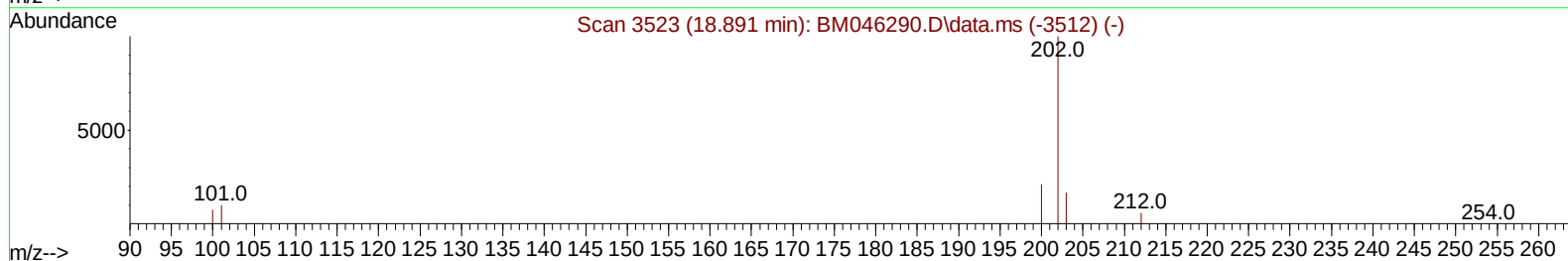
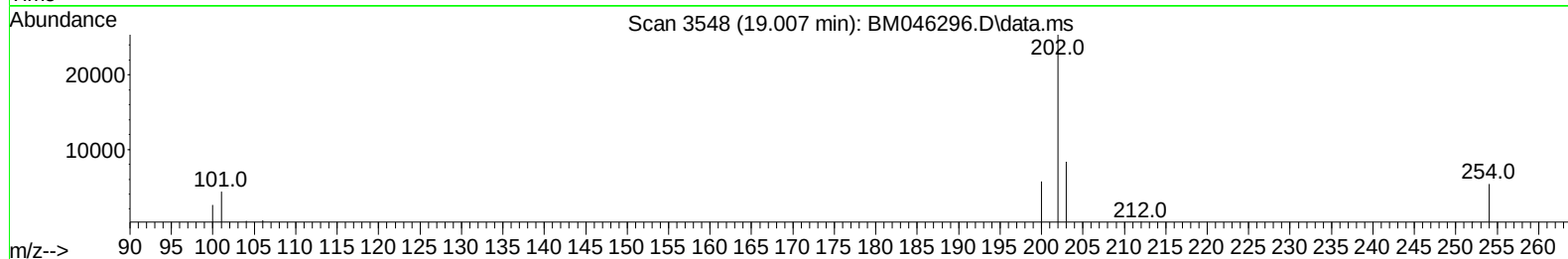
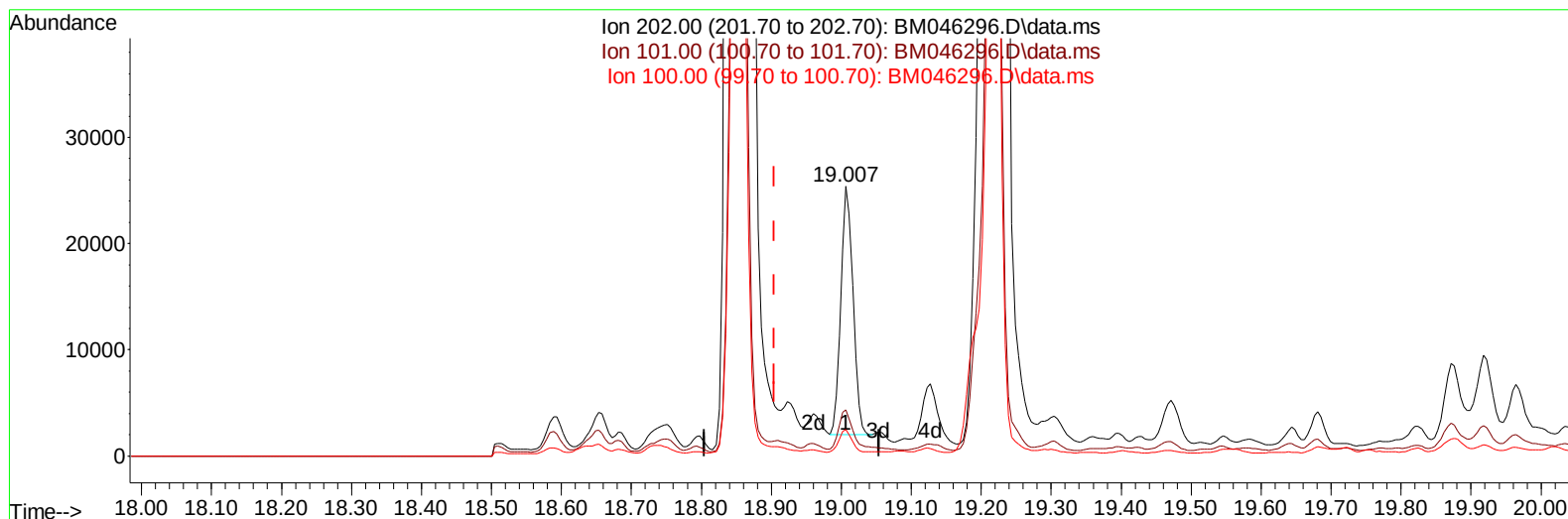
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046296.D
Acq On : 25 Jun 2024 17:53
Operator : MA/JU
Sample : P2844-16
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C78

Manual IntegrationsAPPROVED

Quant Time: Jun 25 23:28:13 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: BM046296.D\data.ms

(19) Fluoranthene (C)

19.007min (+ 0.102) 1.00 ng/u1

response 27953

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.00	17.15#
100.00	9.50	9.91
0.00	0.00	0.00

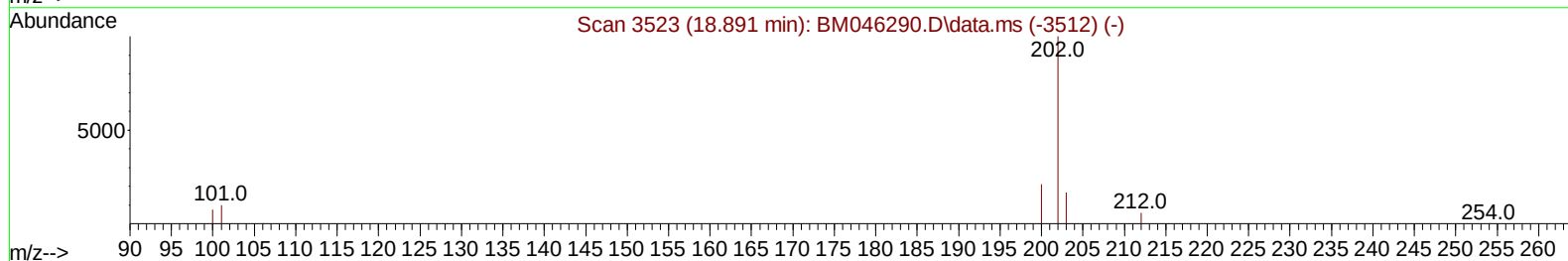
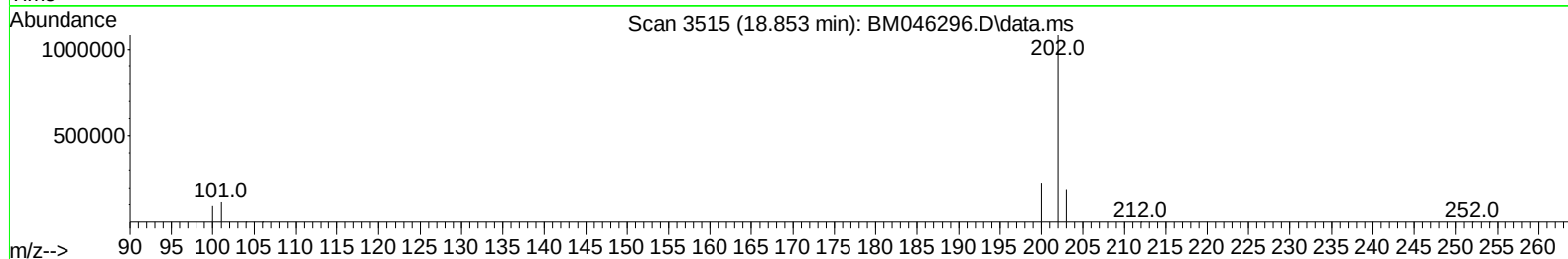
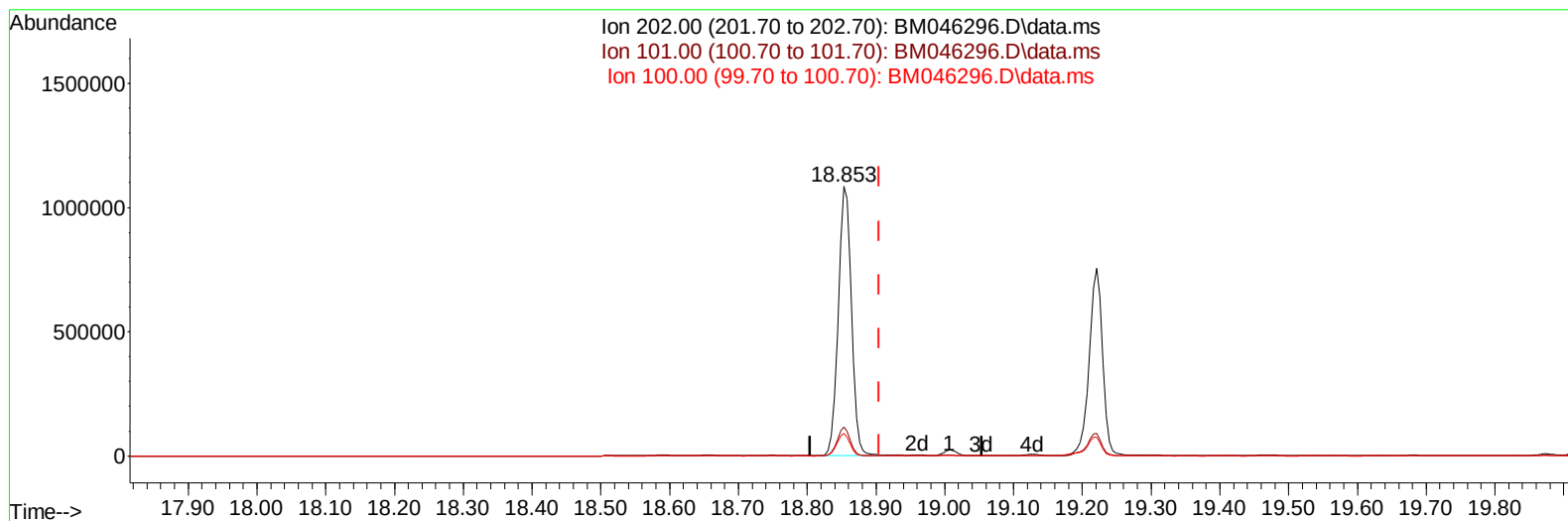
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046296.D
 Acq On : 25 Jun 2024 17:53
 Operator : MA/JU
 Sample : P2844-16
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C78

Manual IntegrationsAPPROVED

Quant Time: Jun 25 23:28:13 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: BM046296.D\data.ms

(19) Fluoranthene (C)

18.853min (-0.051) 51.71 ng/ul m

response 1451742

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.00	10.65
100.00	9.50	8.37
0.00	0.00	0.00

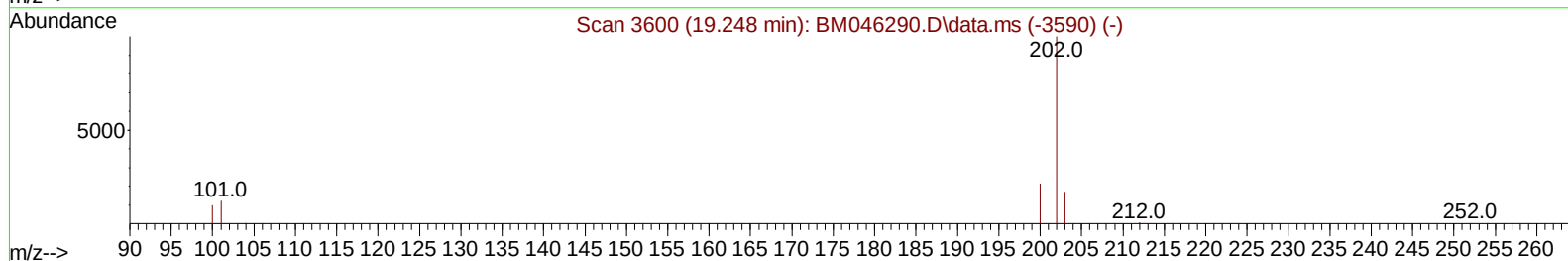
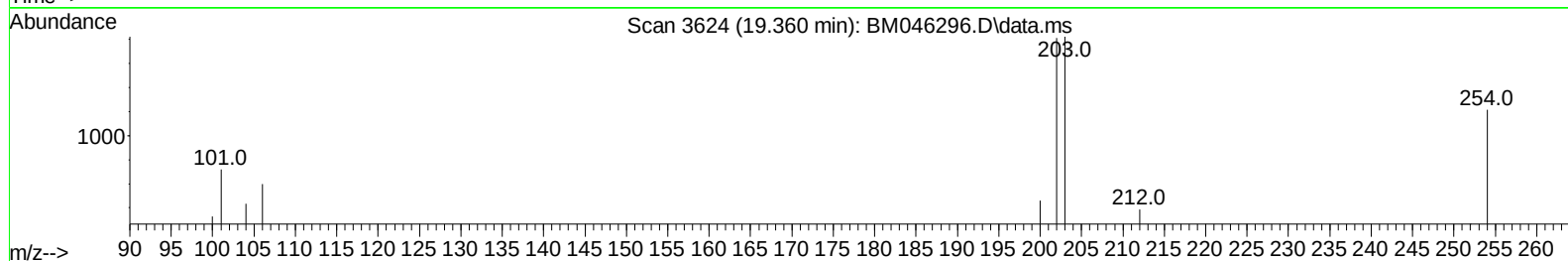
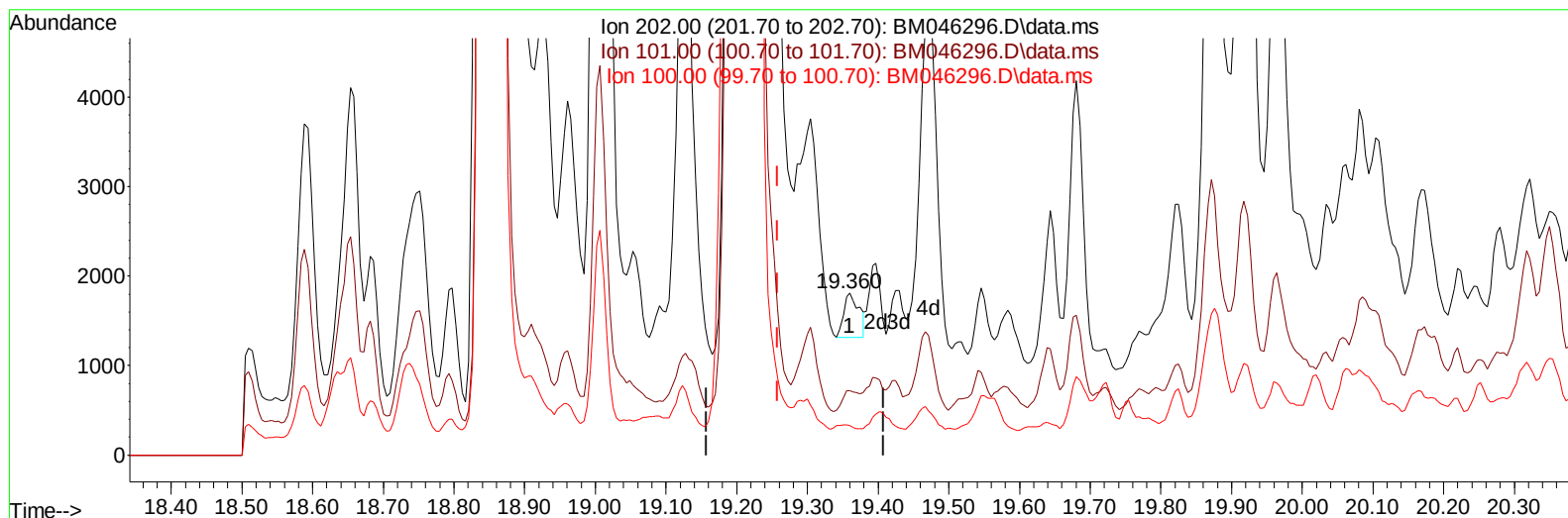
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046296.D
 Acq On : 25 Jun 2024 17:53
 Operator : MA/JU
 Sample : P2844-16
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C78

Manual IntegrationsAPPROVED

Quant Time: Jun 25 23:28:13 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: BM046296.D\data.ms

(20) Pyrene

19.360min (+ 0.102) 0.02 ng/u1

response 733

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.10	39.79#
100.00	12.20	18.16#
0.00	0.00	0.00

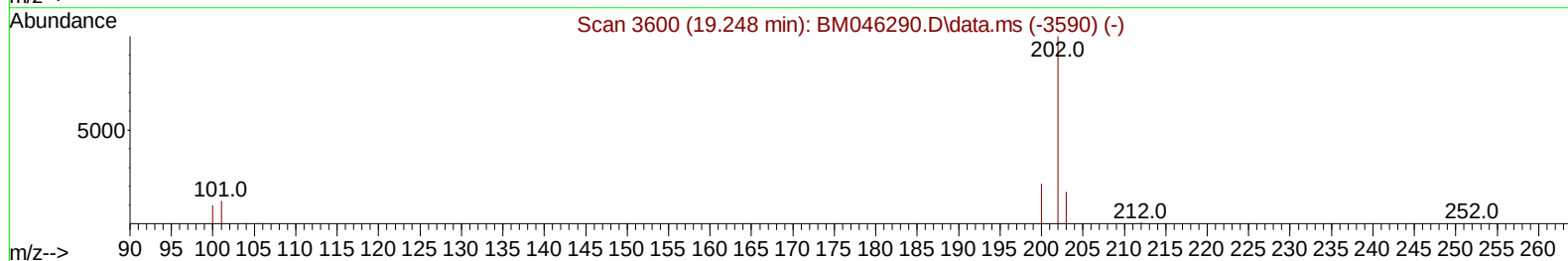
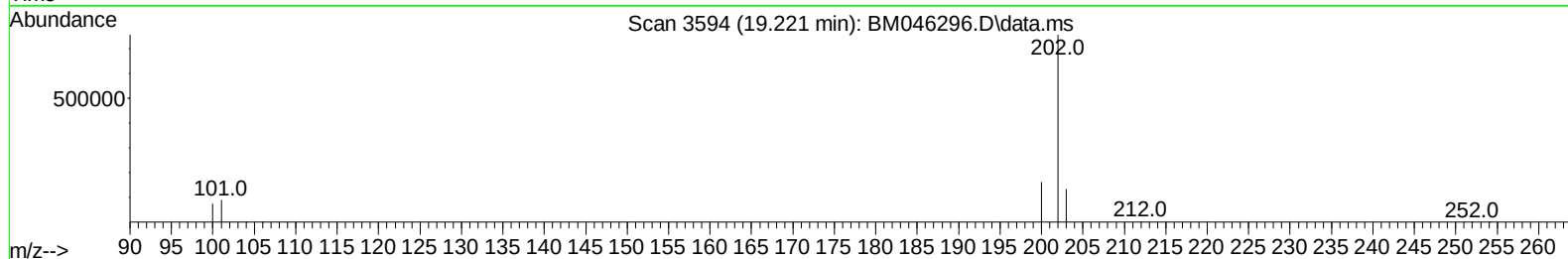
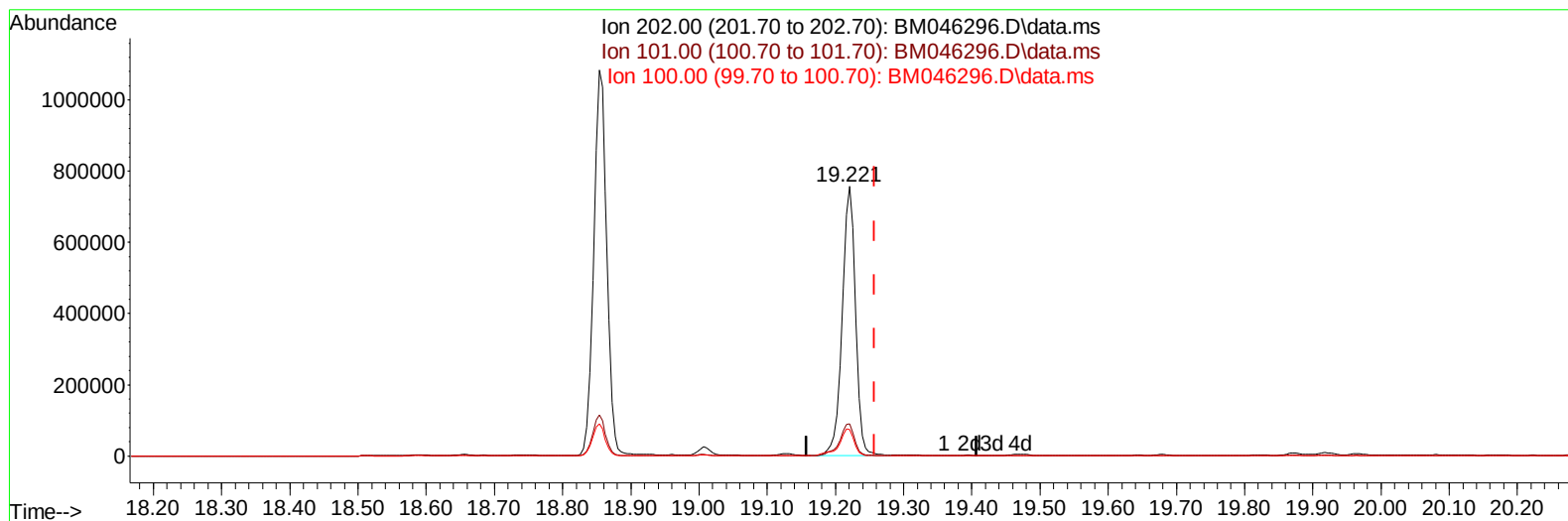
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046296.D
Acq On : 25 Jun 2024 17:53
Operator : MA/JU
Sample : P2844-16
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C78

Manual IntegrationsAPPROVED

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

Quant Time: Jun 25 23:28:13 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



TIC: BM046296.D\data.ms

(20) Pyrene

19.221min (-0.037) 33.74 ng/ul m

response 1024330

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.10	11.89
100.00	12.20	9.85
0.00	0.00	0.00

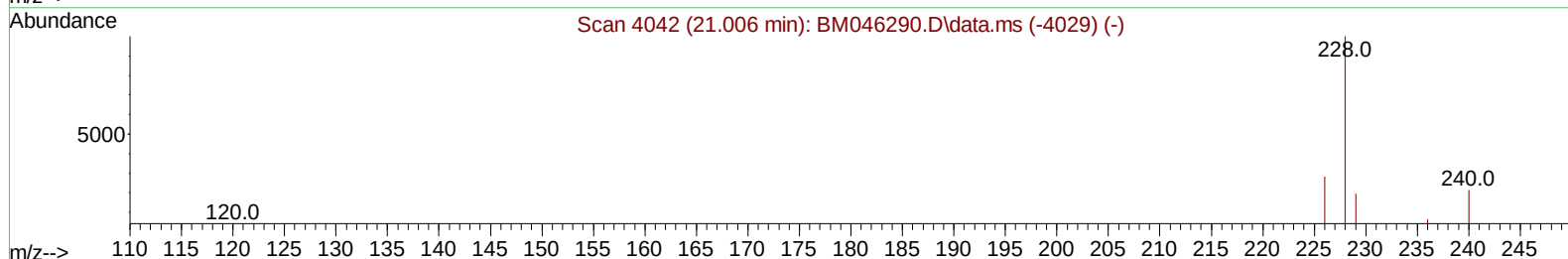
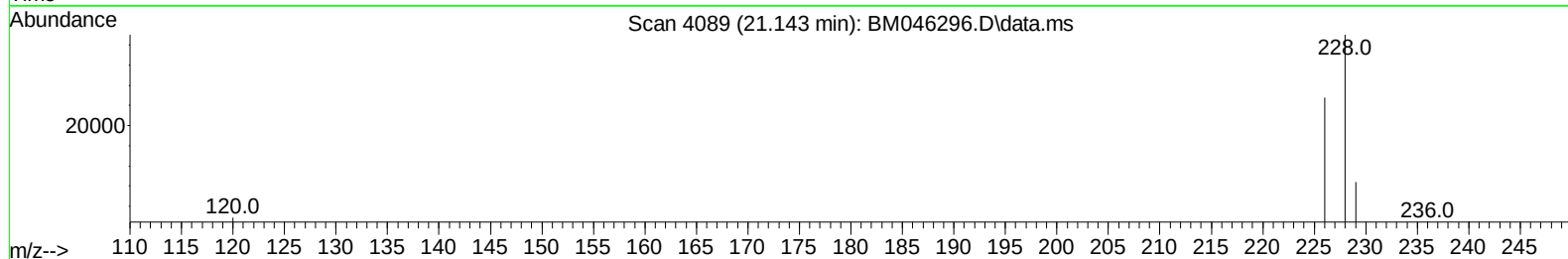
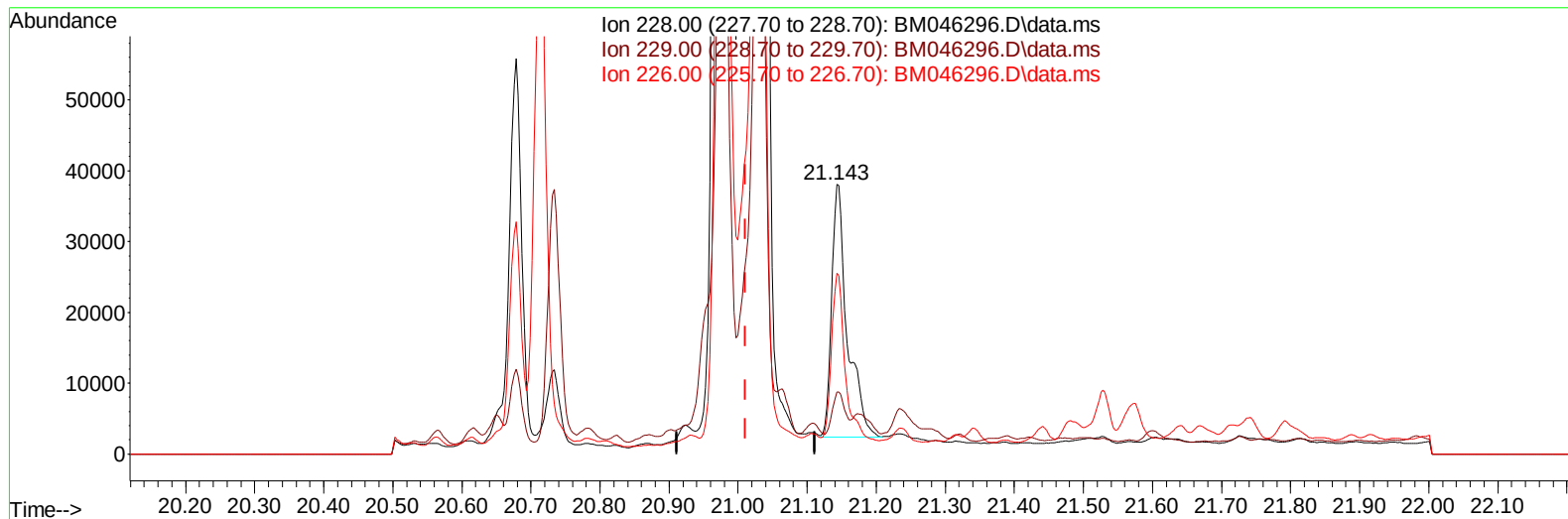
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046296.D
Acq On : 25 Jun 2024 17:53
Operator : MA/JU
Sample : P2844-16
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C78

Manual IntegrationsAPPROVED

Quant Time: Jun 25 23:28:13 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: BM046296.D\data.ms

(21) Benzo(a)anthracene

21.143min (+ 0.131) 2.24 ng/u1

response 56105

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.50	23.09
226.00	29.30	67.02#
0.00	0.00	0.00

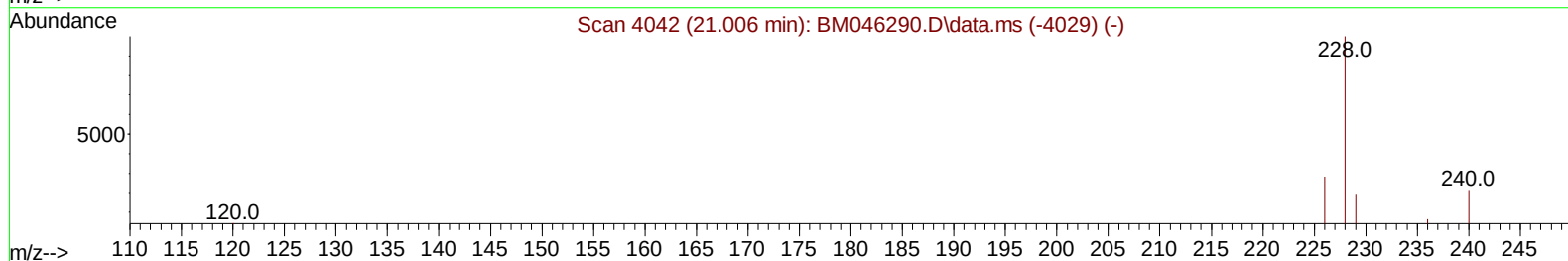
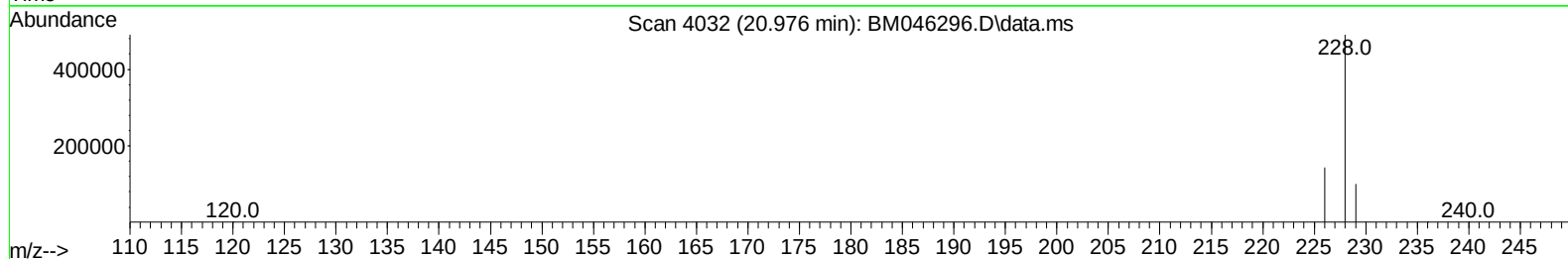
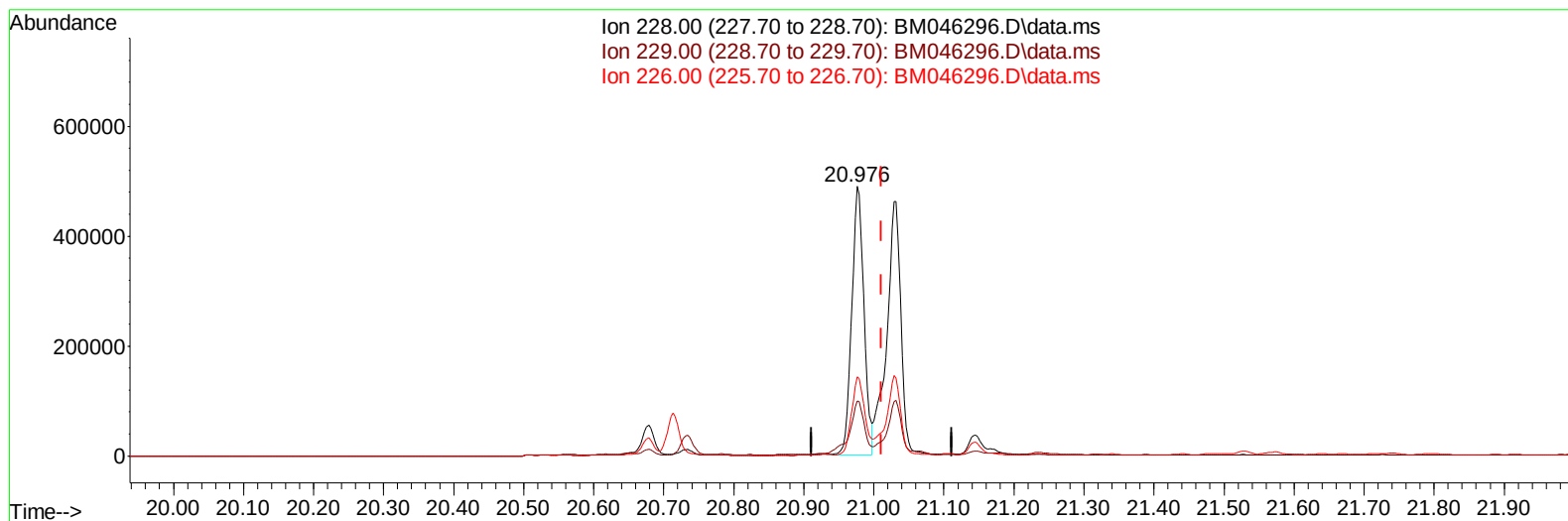
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046296.D
Acq On : 25 Jun 2024 17:53
Operator : MA/JU
Sample : P2844-16
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C78

Manual IntegrationsAPPROVED

Quant Time: Jun 25 23:28:13 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: BM046296.D\data.ms

(21) Benzo(a)anthracene

20.976min (-0.035) 23.61 ng/ul m

response 591254

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.50	20.50
226.00	29.30	29.37
0.00	0.00	0.00

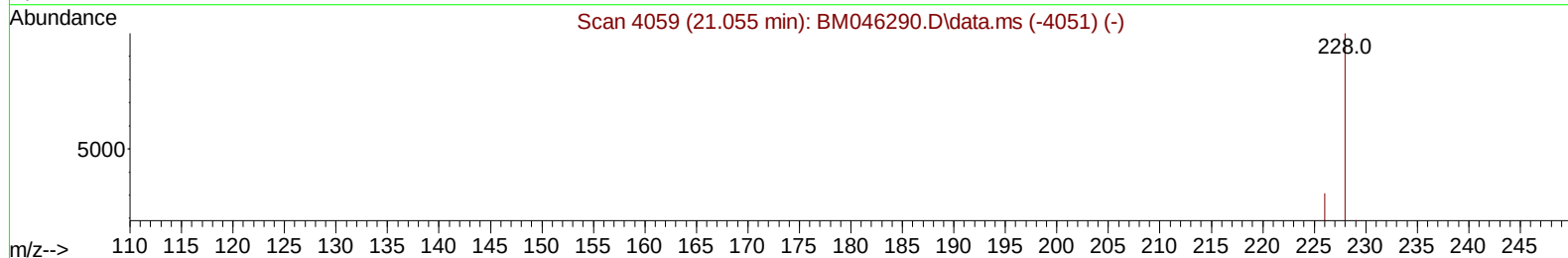
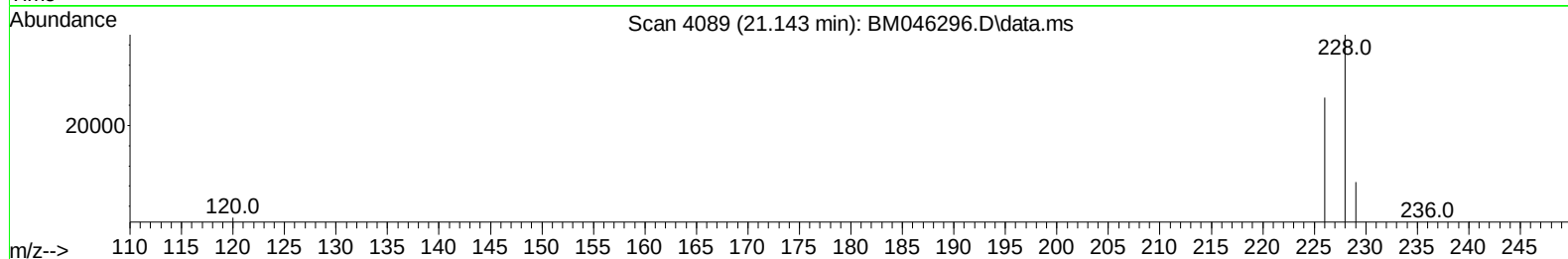
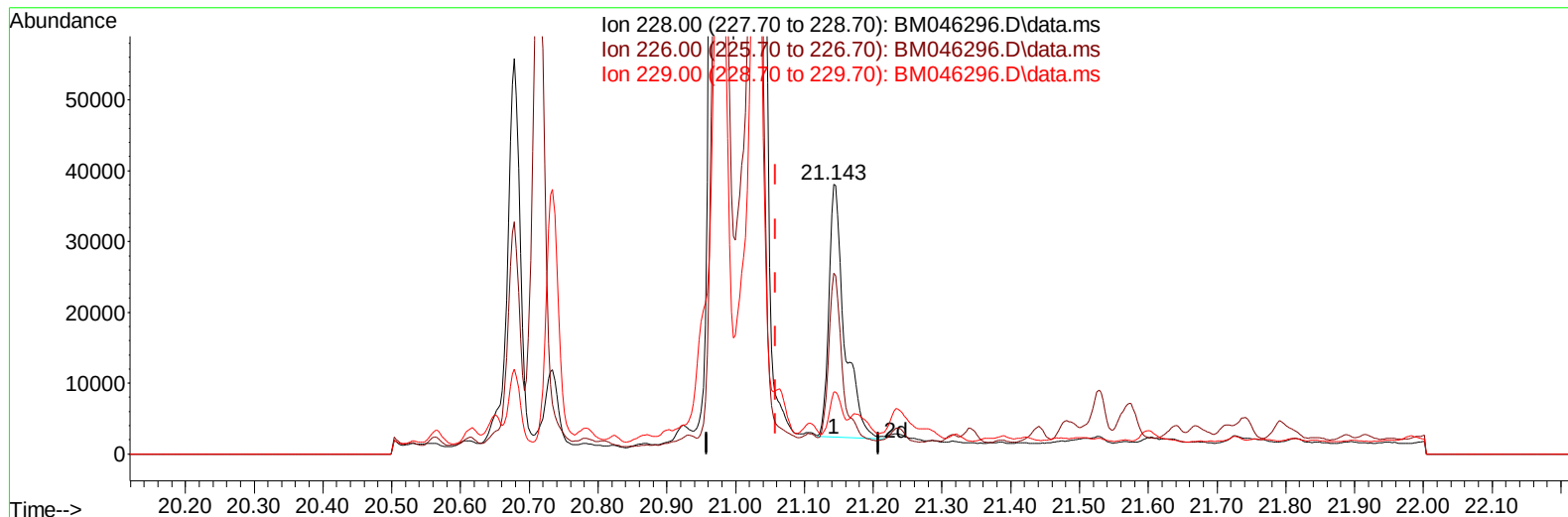
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046296.D
Acq On : 25 Jun 2024 17:53
Operator : MA/JU
Sample : P2844-16
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C78

Manual IntegrationsAPPROVED

Quant Time: Jun 25 23:28:13 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: BM046296.D\data.ms

(22) Chrysene

21.143min (+ 0.085) 1.78 ng/u1

response 56903

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	31.50	67.02#
229.00	20.40	23.09
0.00	0.00	0.00

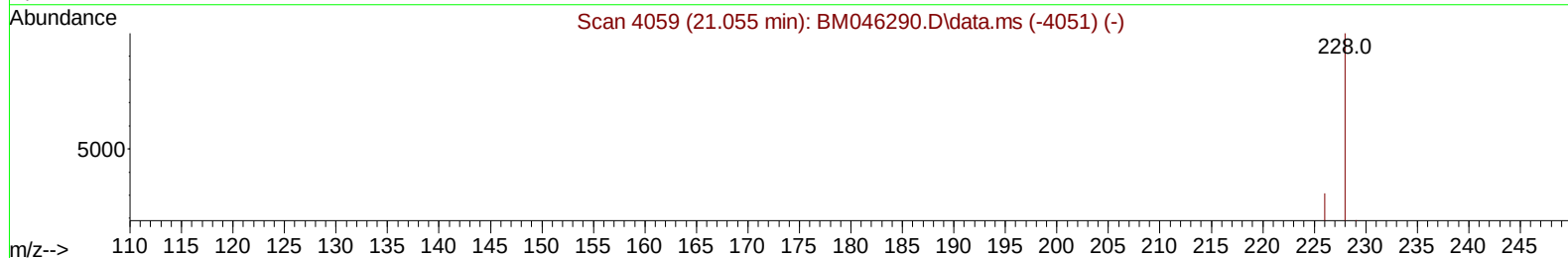
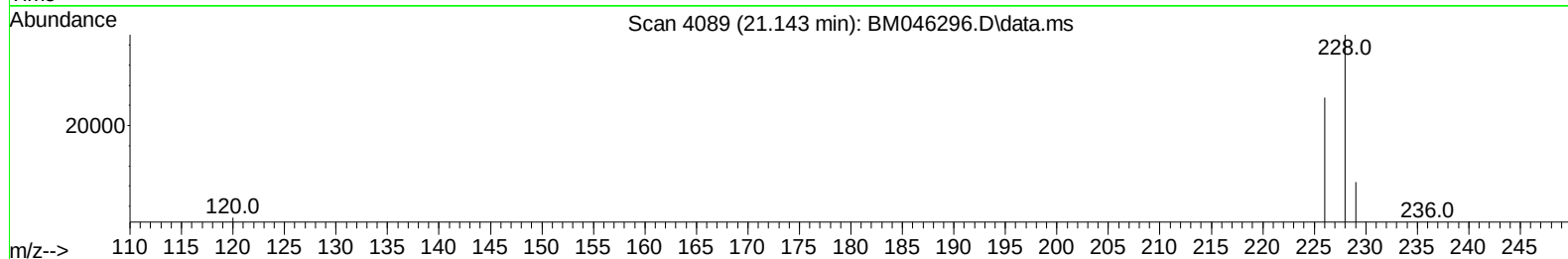
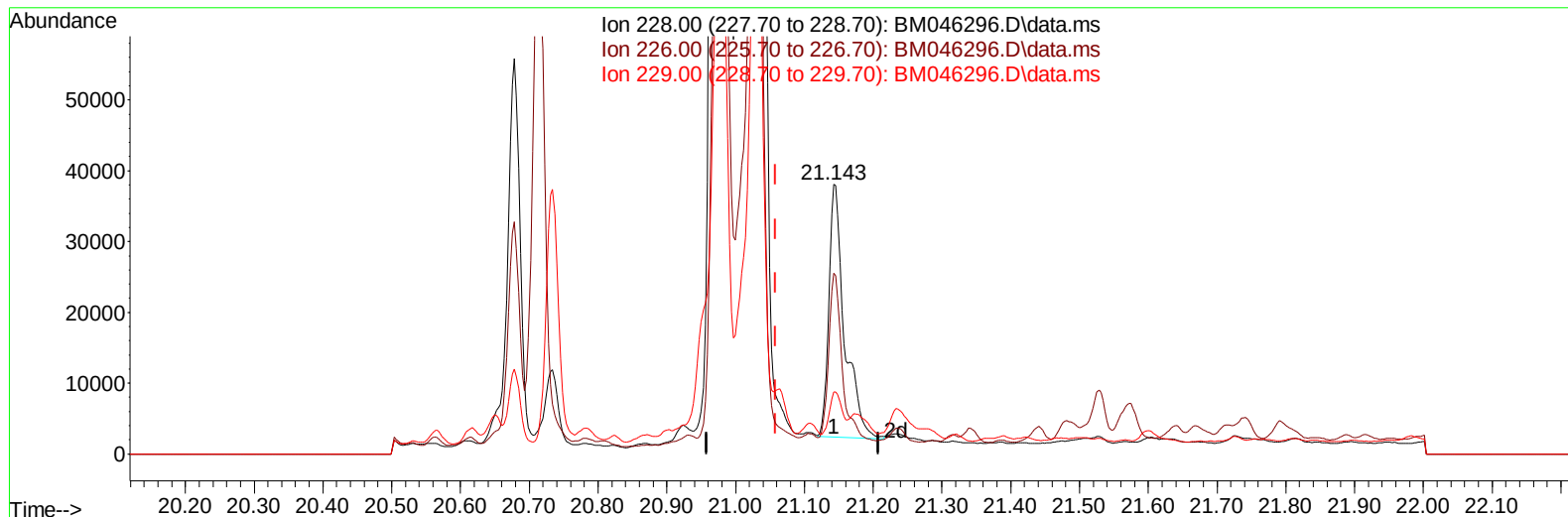
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046296.D
Acq On : 25 Jun 2024 17:53
Operator : MA/JU
Sample : P2844-16
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C78

Manual IntegrationsAPPROVED

Quant Time: Jun 25 23:28:13 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: BM046296.D\data.ms

(22) Chrysene

21.143min (+ 0.085) 1.78 ng/u1

response 56903

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	31.50	67.02#
229.00	20.40	23.09
0.00	0.00	0.00

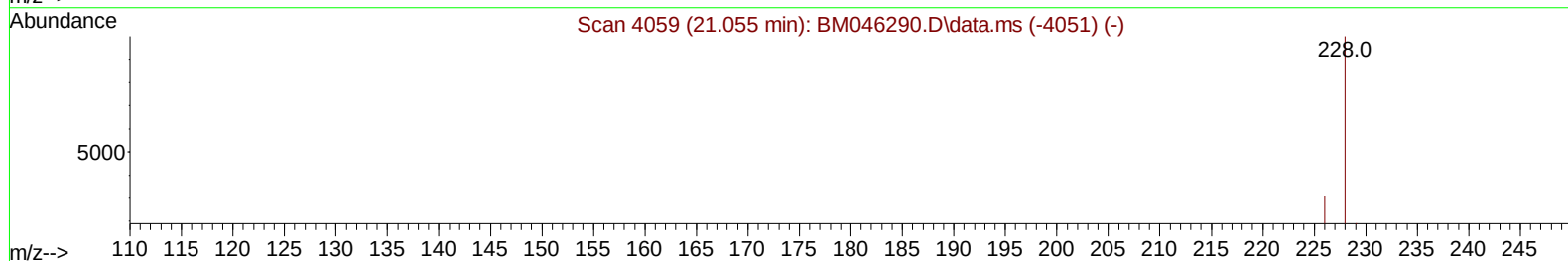
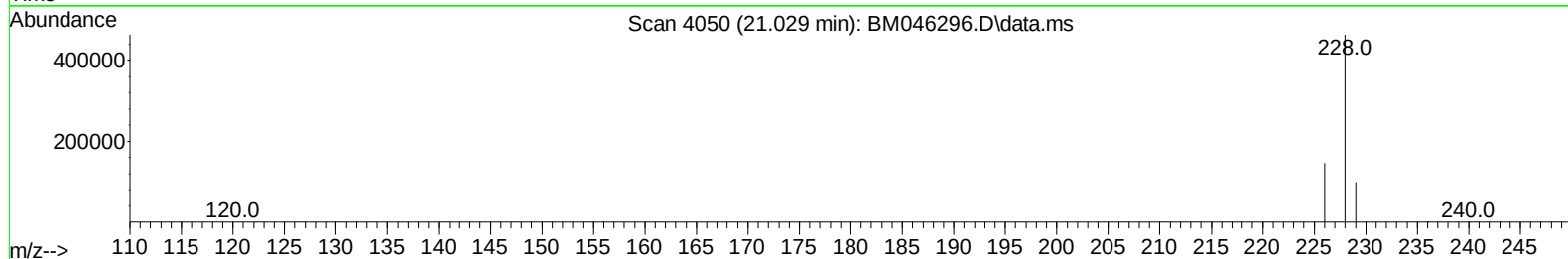
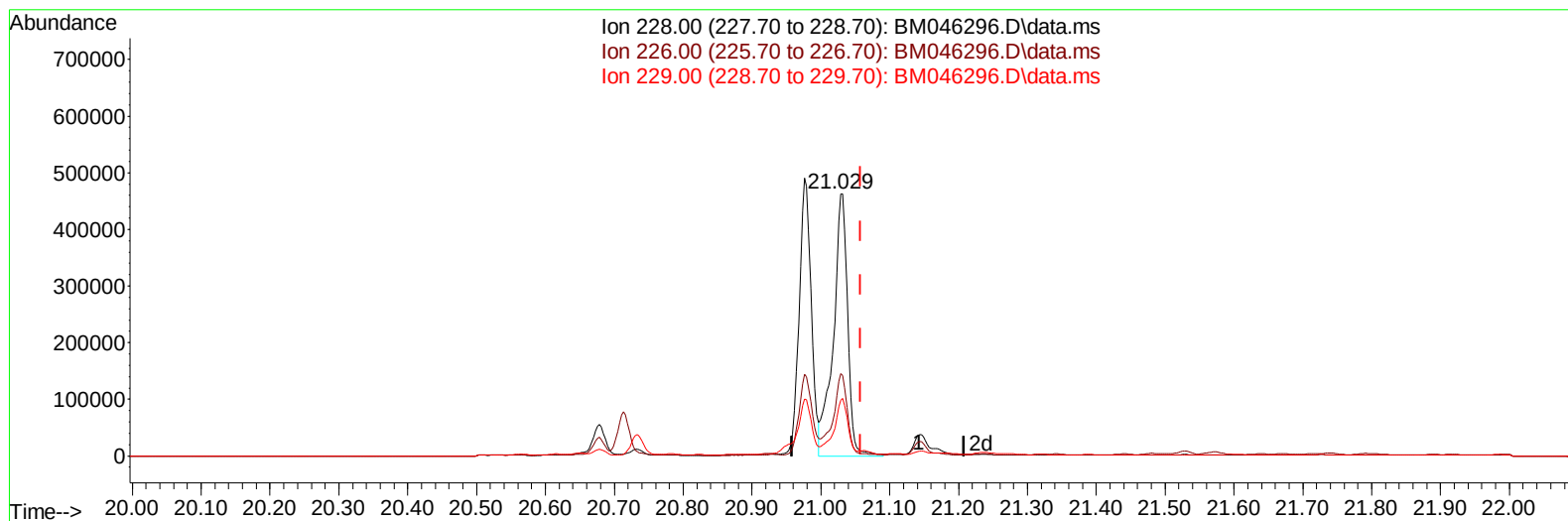
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046296.D
Acq On : 25 Jun 2024 17:53
Operator : MA/JU
Sample : P2844-16
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C78

Manual IntegrationsAPPROVED

Quant Time: Jun 25 23:28:13 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: BM046296.D\data.ms

(22) Chrysene

21.029min (-0.029) 21.05 ng/ul m

response 672775

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	31.50	31.50
229.00	20.40	21.34
0.00	0.00	0.00

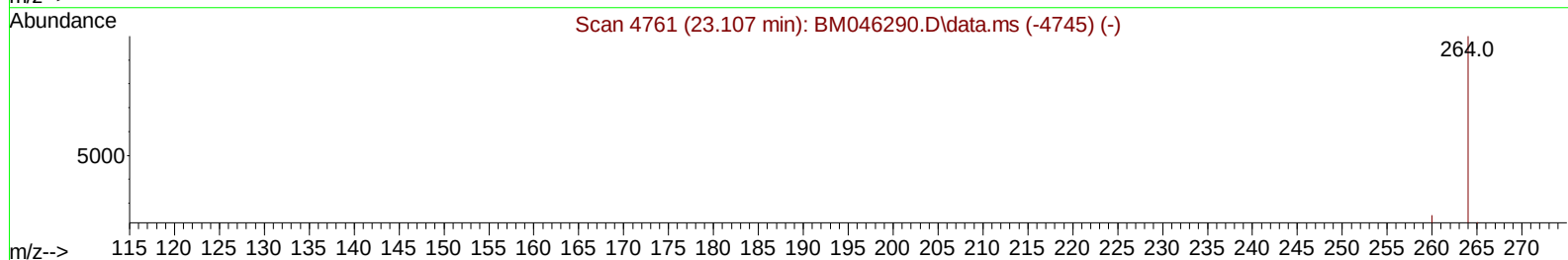
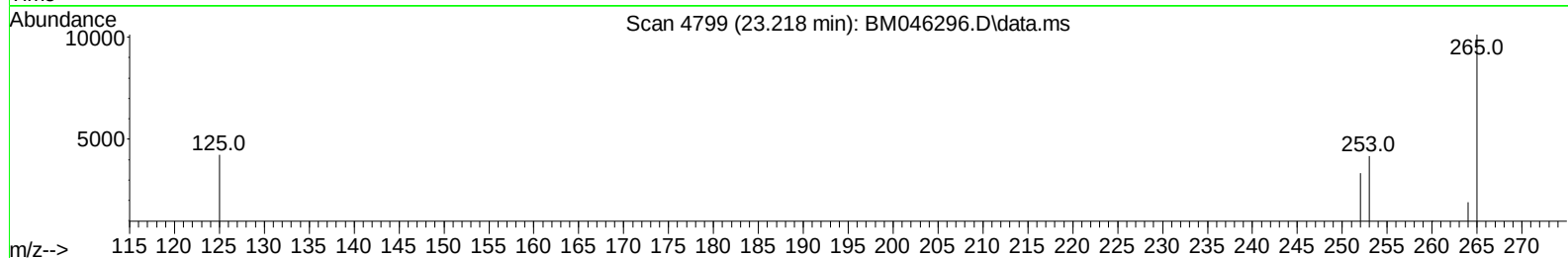
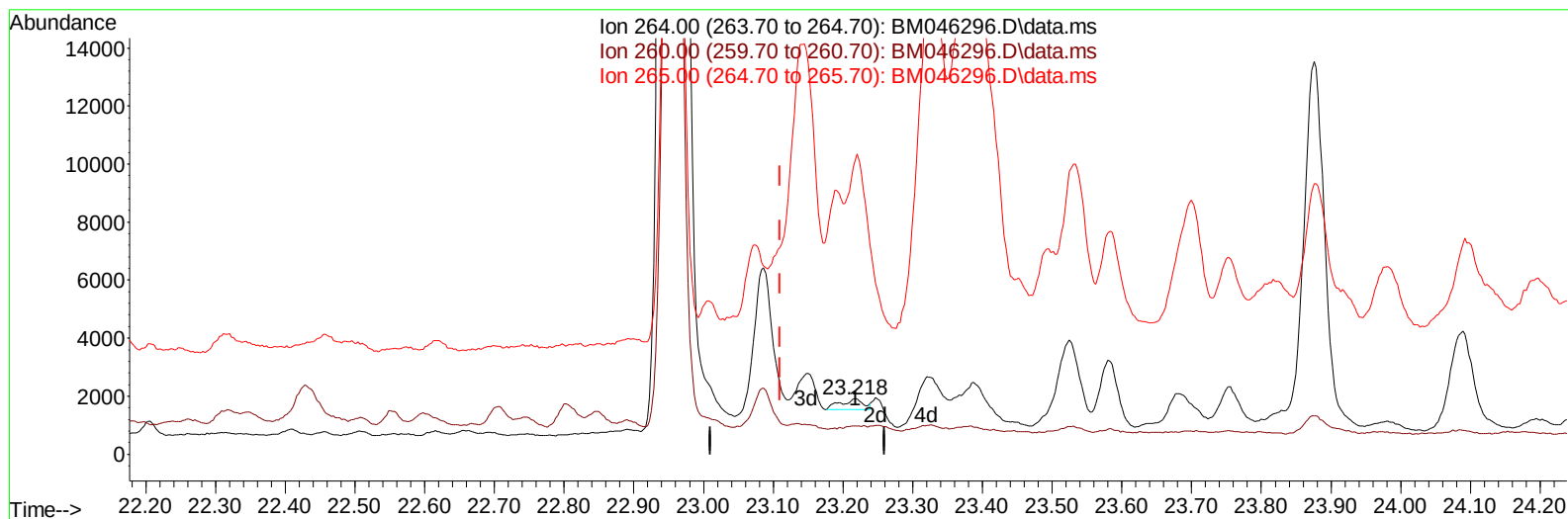
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046296.D
Acq On : 25 Jun 2024 17:53
Operator : MA/JU
Sample : P2844-16
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C78

Manual IntegrationsAPPROVED

Quant Time: Jun 25 23:28:13 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: BM046296.D\data.ms

(23) Perylene-d12 (I)

23.218min (+ 0.108) 0.40 ng/u1

response 846

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	51.52#
265.00	110.60	532.04#
0.00	0.00	0.00

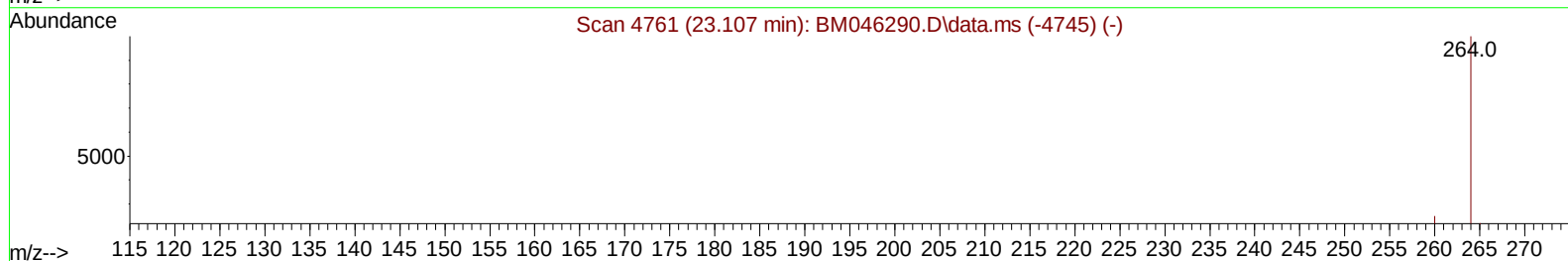
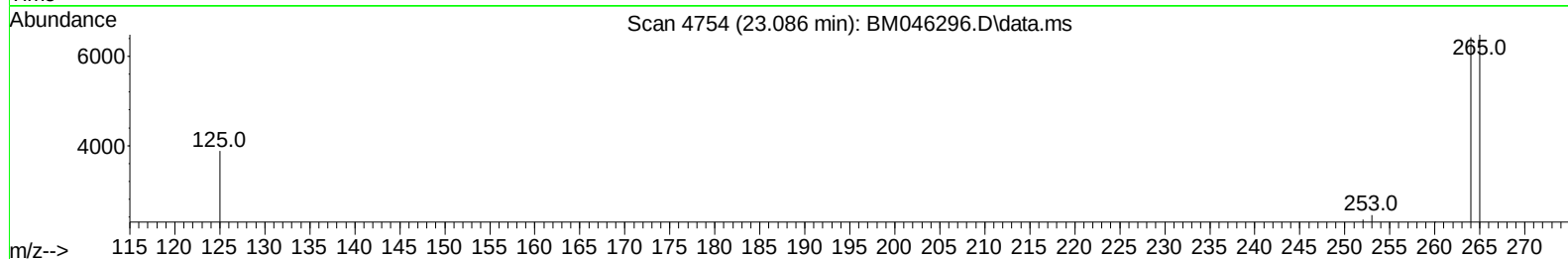
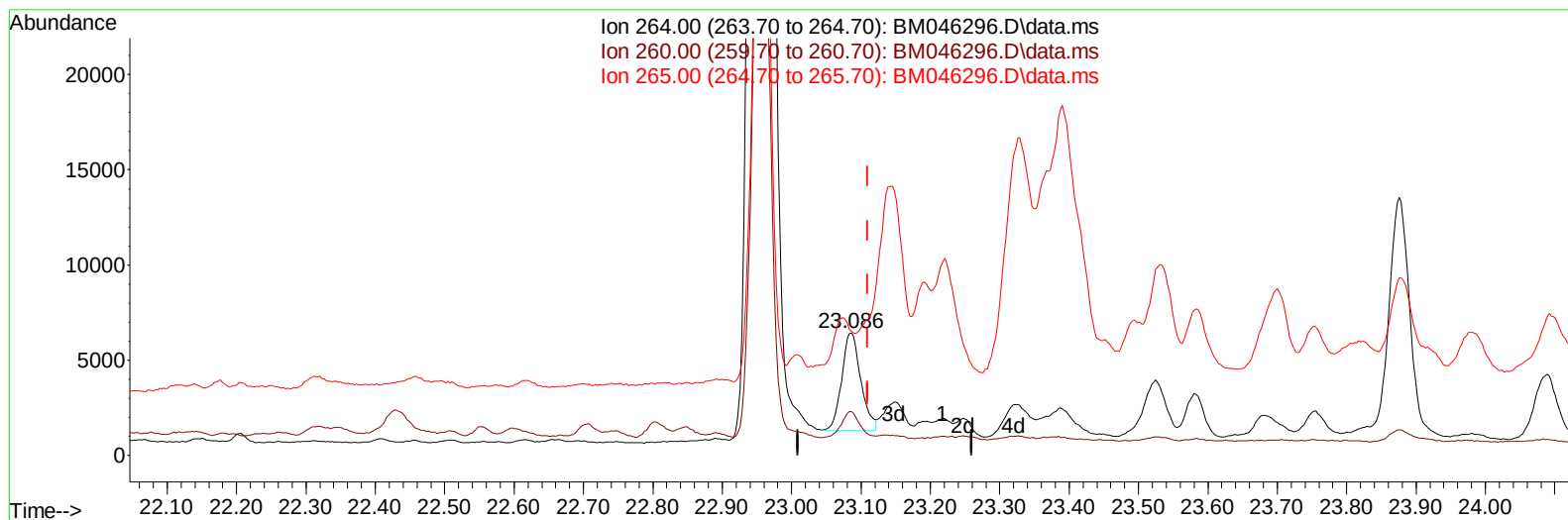
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046296.D
Acq On : 25 Jun 2024 17:53
Operator : MA/JU
Sample : P2844-16
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C78

Manual IntegrationsAPPROVED

Quant Time: Jun 25 23:28:13 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: BM046296.D\data.ms

(23) Perylene-d12 (I)

23.086min (-0.023) 0.40 ng/ul m

response 9889

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	35.67#
265.00	110.60	100.86
0.00	0.00	0.00

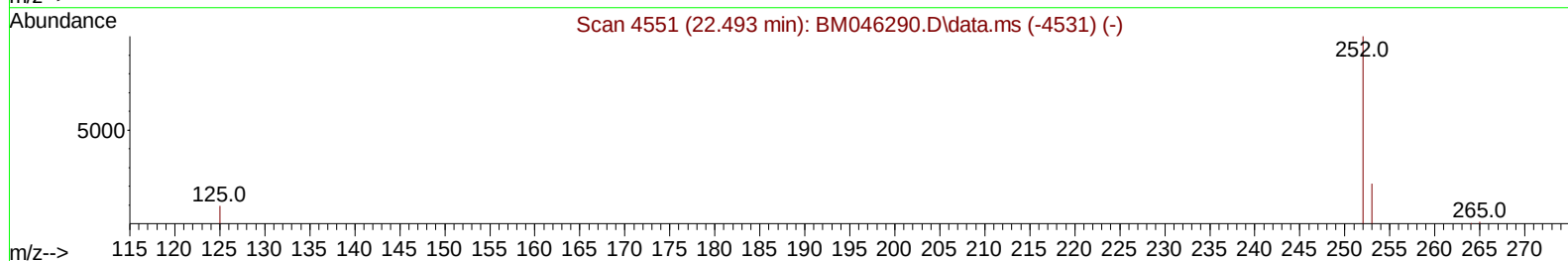
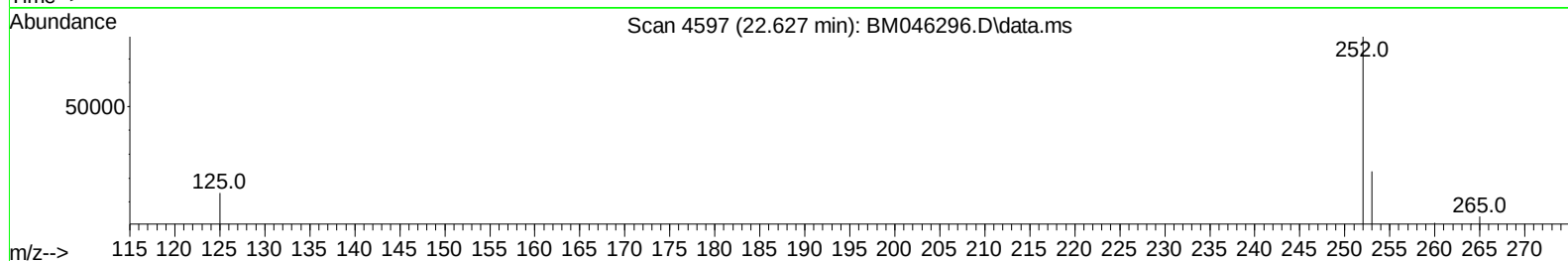
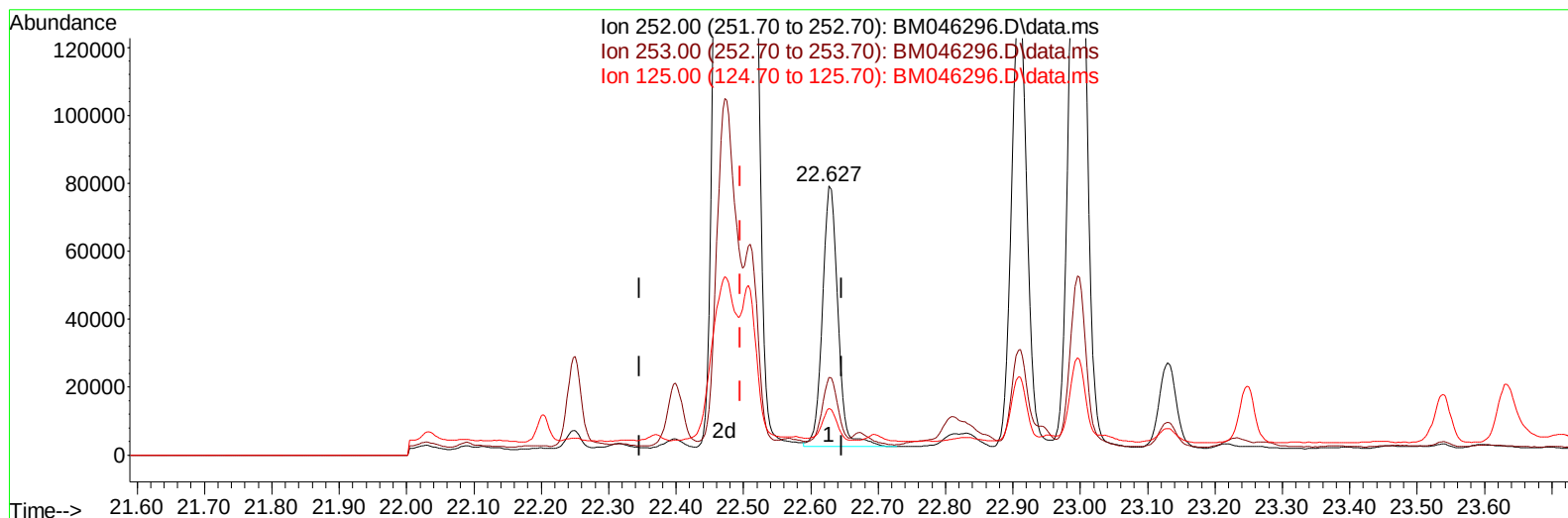
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046296.D
Acq On : 25 Jun 2024 17:53
Operator : MA/JU
Sample : P2844-16
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C78

Manual IntegrationsAPPROVED

Quant Time: Jun 25 23:28:13 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: BM046296.D\data.ms

(24) Benzo(b)fluoranthene

22.627min (+ 0.132) 3.46 ng/u1

response 123449

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	28.83
125.00	20.10	17.32
0.00	0.00	0.00

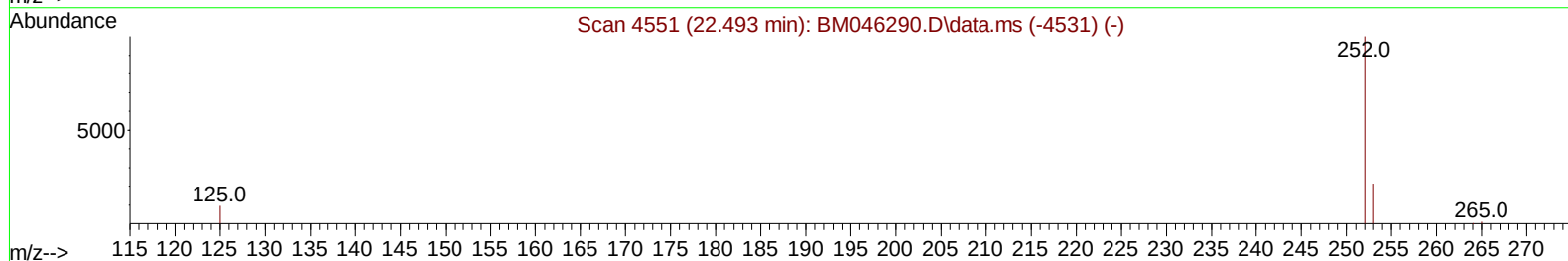
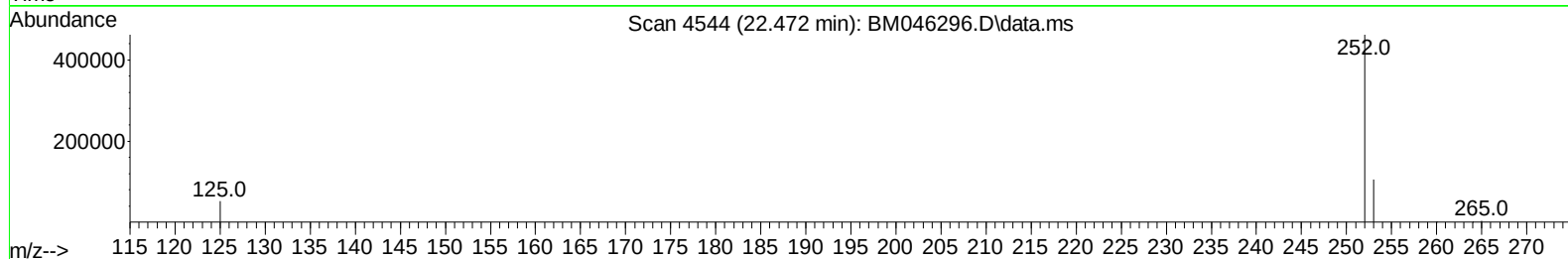
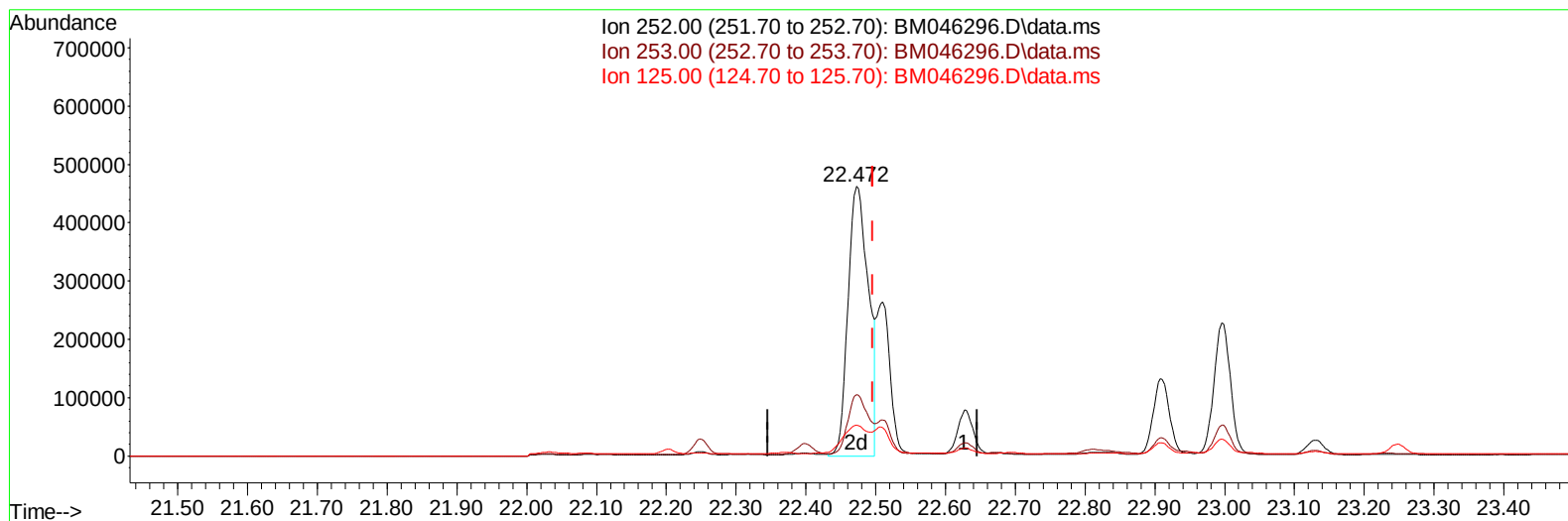
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046296.D
 Acq On : 25 Jun 2024 17:53
 Operator : MA/JU
 Sample : P2844-16
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C78

Manual IntegrationsAPPROVED

Quant Time: Jun 25 23:28:13 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: BM046296.D\data.ms

(24) Benzo(b)fluoranthene

22.472min (-0.023) 26.56 ng/ul m

response 946234

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	22.74
125.00	20.10	11.38
0.00	0.00	0.00

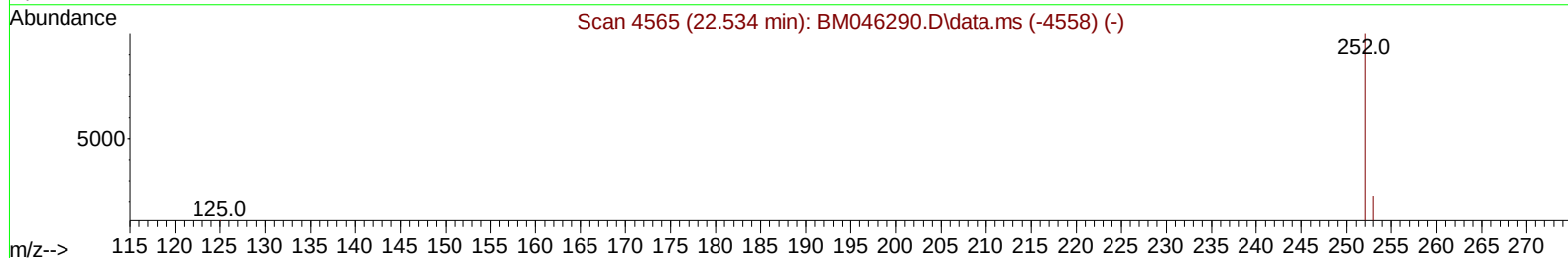
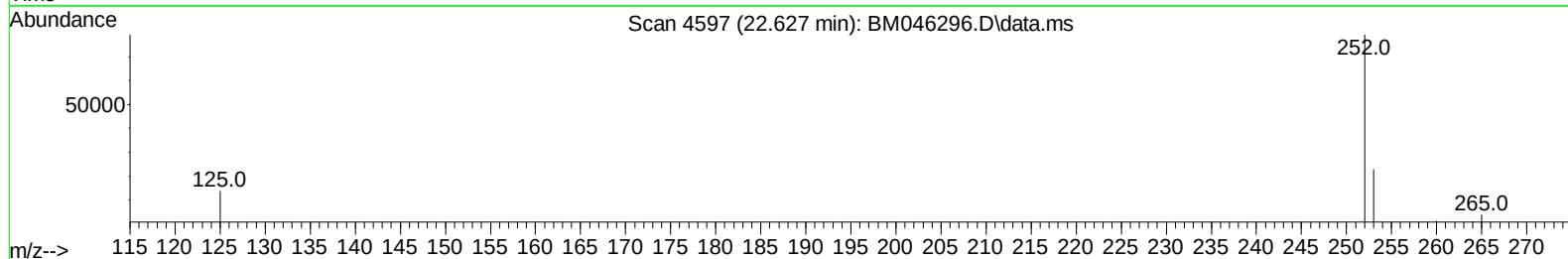
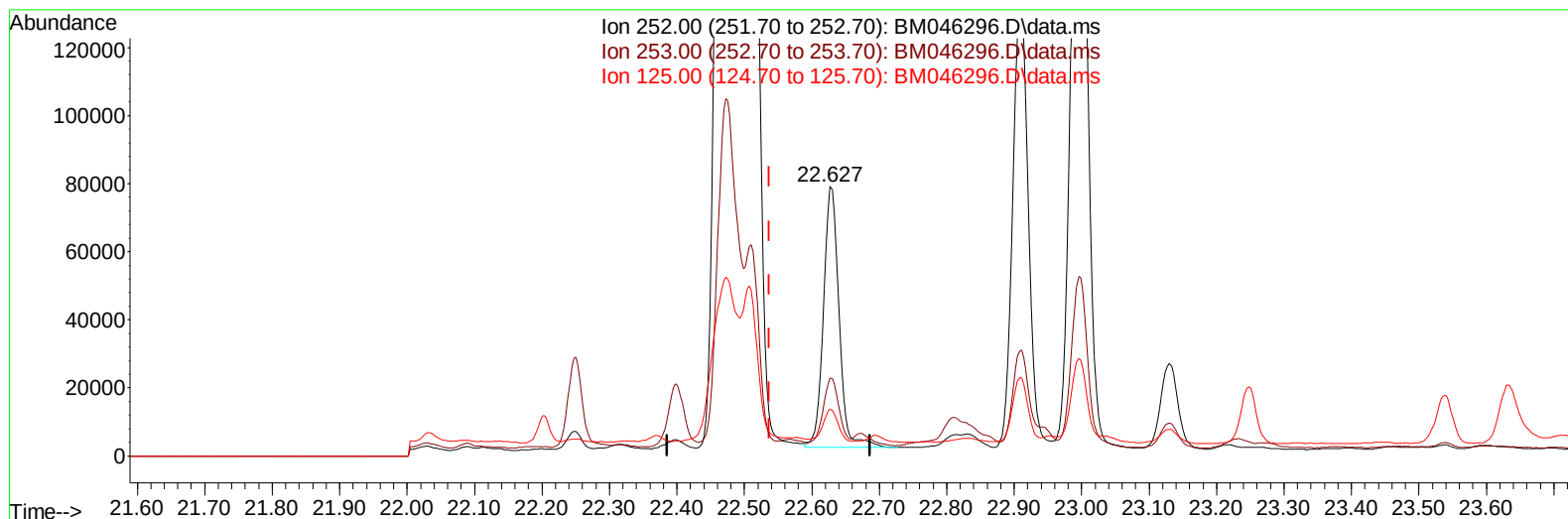
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046296.D
Acq On : 25 Jun 2024 17:53
Operator : MA/JU
Sample : P2844-16
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C78

Manual IntegrationsAPPROVED

Quant Time: Jun 25 23:28:13 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: BM046296.D\data.ms

(25) Benzo(k)fluoranthene

22.627min (+ 0.091) 2.91 ng/u1

response 123449

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	28.83
125.00	20.80	17.32
0.00	0.00	0.00

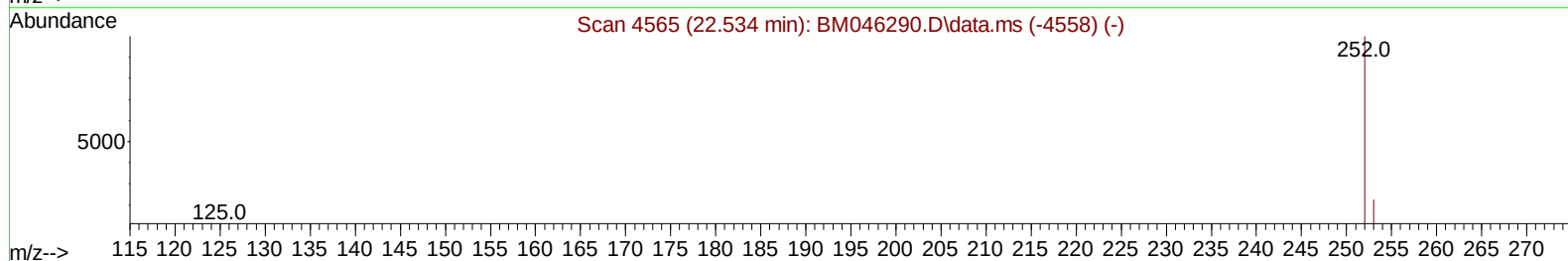
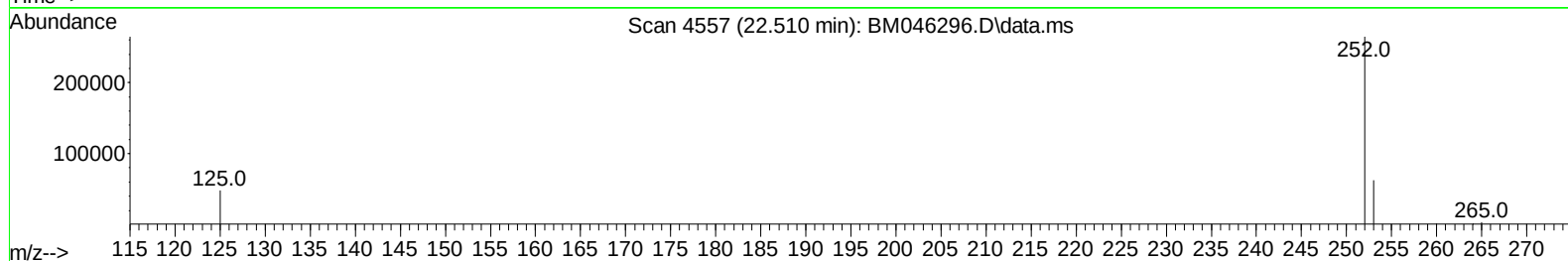
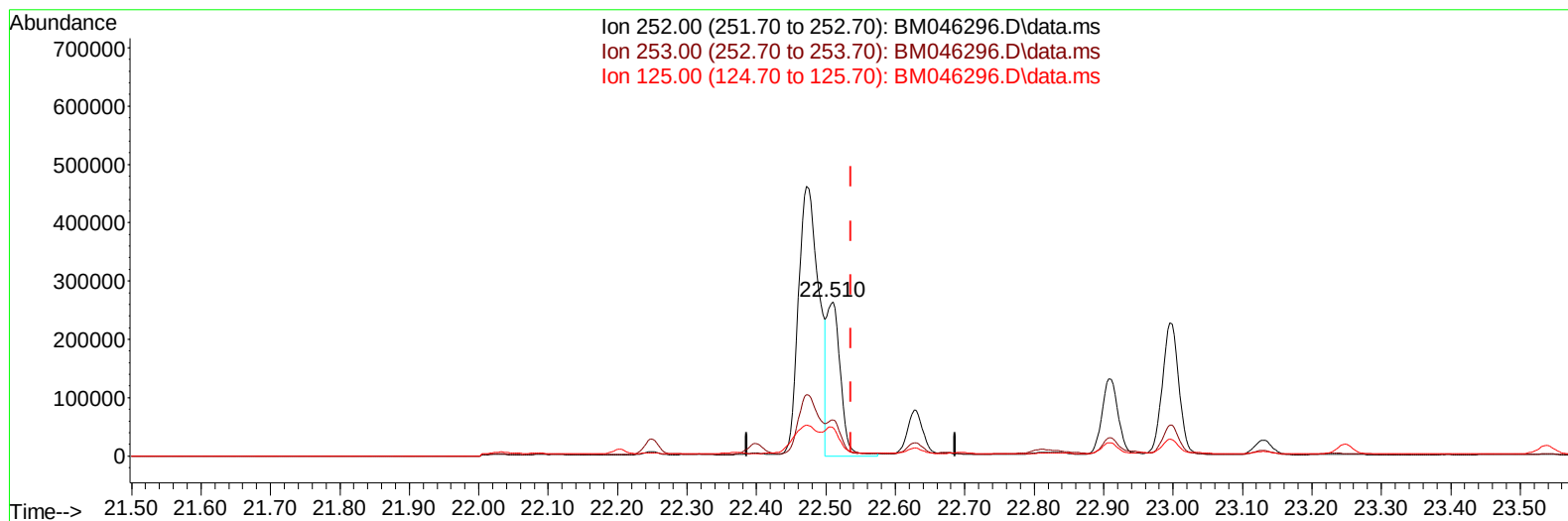
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046296.D
Acq On : 25 Jun 2024 17:53
Operator : MA/JU
Sample : P2844-16
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C78

Manual IntegrationsAPPROVED

Quant Time: Jun 25 23:28:13 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: BM046296.D\data.ms

(25) Benzo(k)fluoranthene

22.510min (-0.026) 8.55 ng/u l m

response 361991

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	23.49#
125.00	20.80	18.36
0.00	0.00	0.00

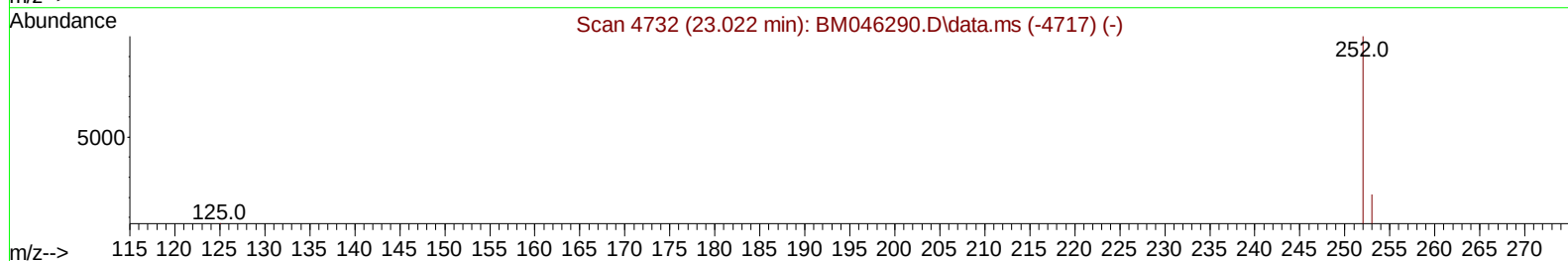
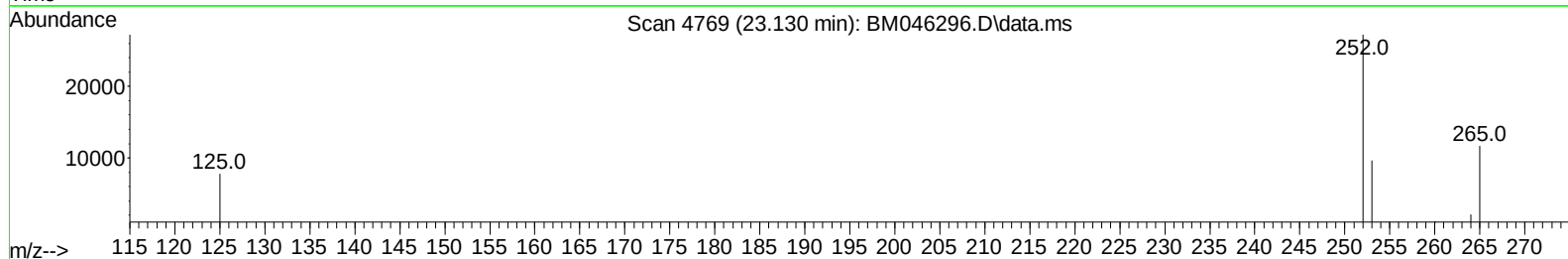
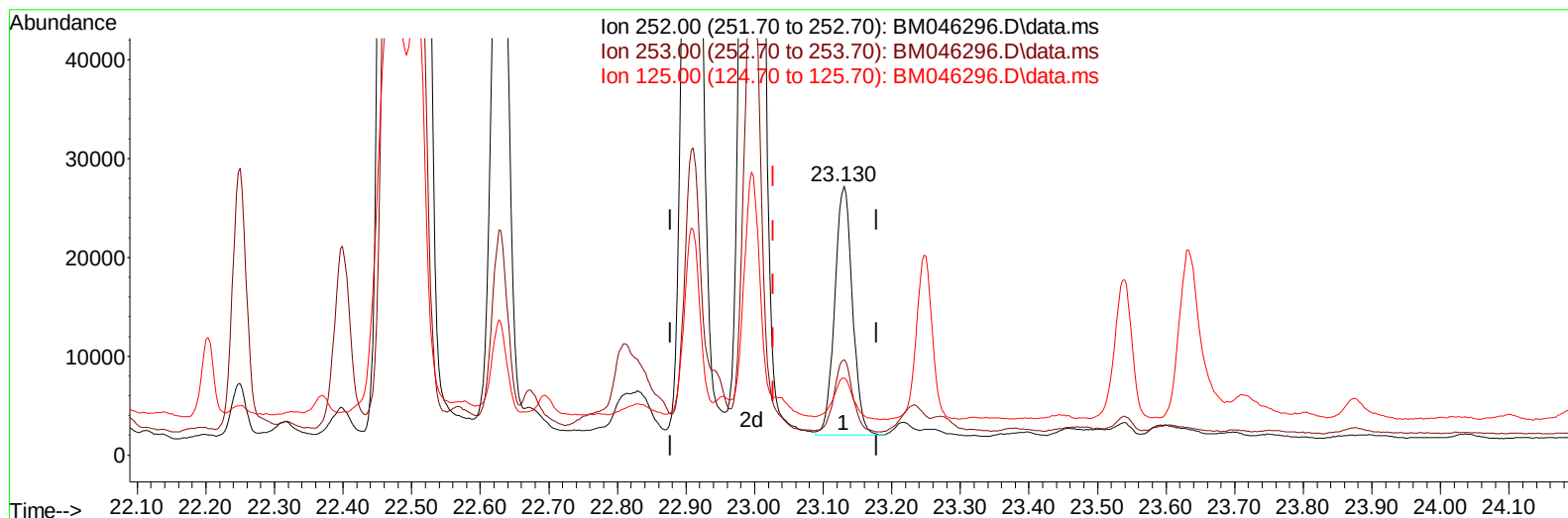
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046296.D
Acq On : 25 Jun 2024 17:53
Operator : MA/JU
Sample : P2844-16
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C78

Manual IntegrationsAPPROVED

Quant Time: Jun 25 23:28:13 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: BM046296.D\data.ms

(26) Benzo(a)pyrene (C)

23.130min (+ 0.102) 1.37 ng/u1

response 45199

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	40.10	35.50
125.00	26.50	28.62
0.00	0.00	0.00

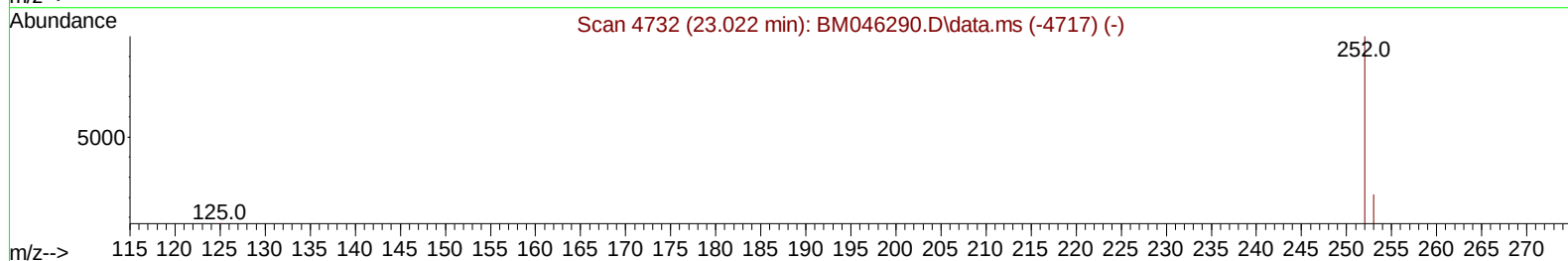
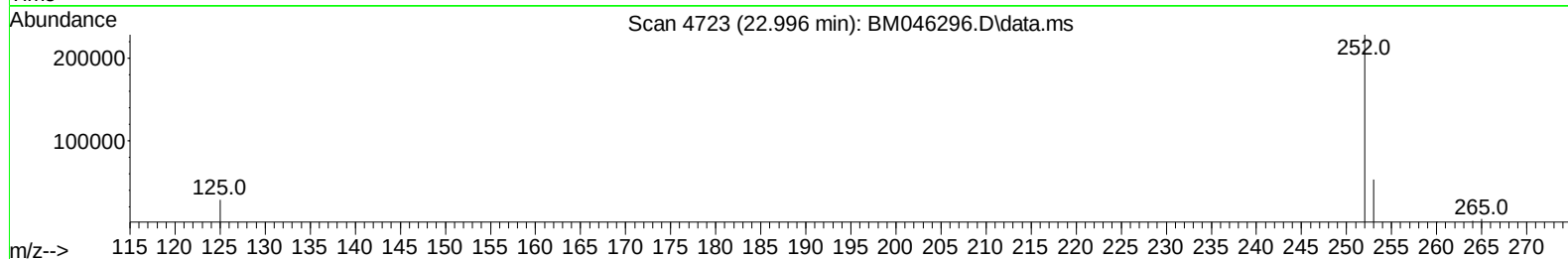
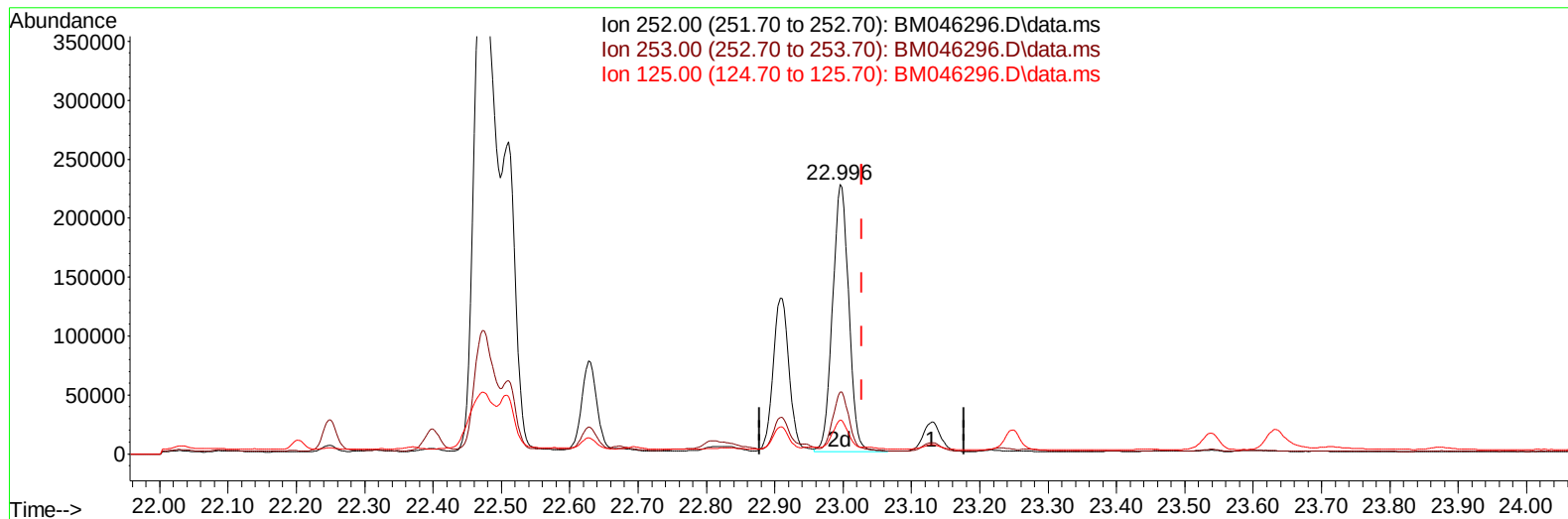
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046296.D
Acq On : 25 Jun 2024 17:53
Operator : MA/JU
Sample : P2844-16
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C78

Manual IntegrationsAPPROVED

Quant Time: Jun 25 23:28:13 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: BM046296.D\data.ms

(26) Benzo(a)pyrene (C)

22.996min (-0.032) 11.35 ng/ul m

response 374818

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	40.10	23.06#
125.00	26.50	12.55#
0.00	0.00	0.00

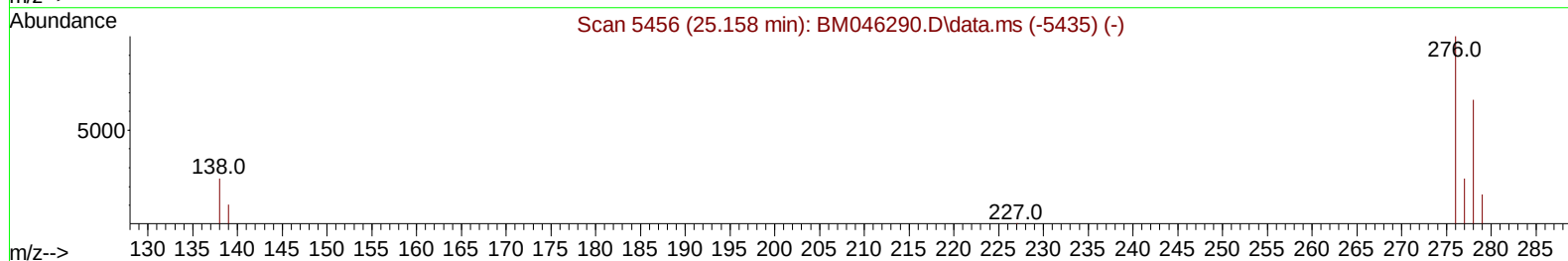
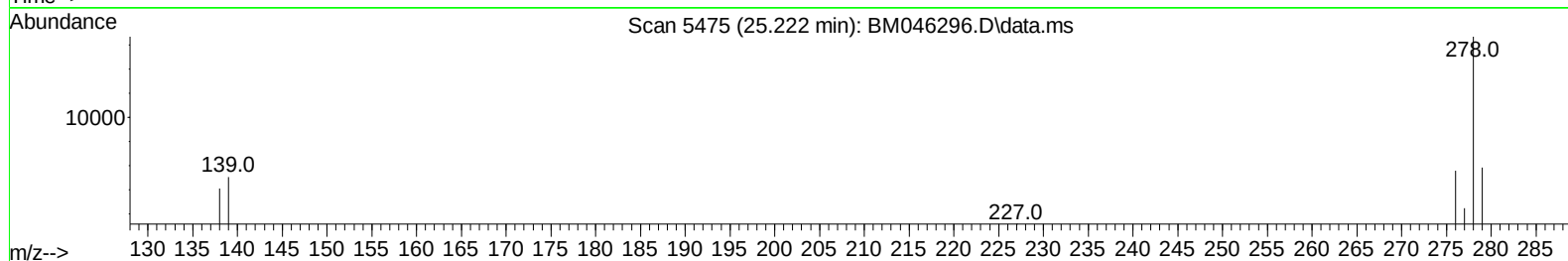
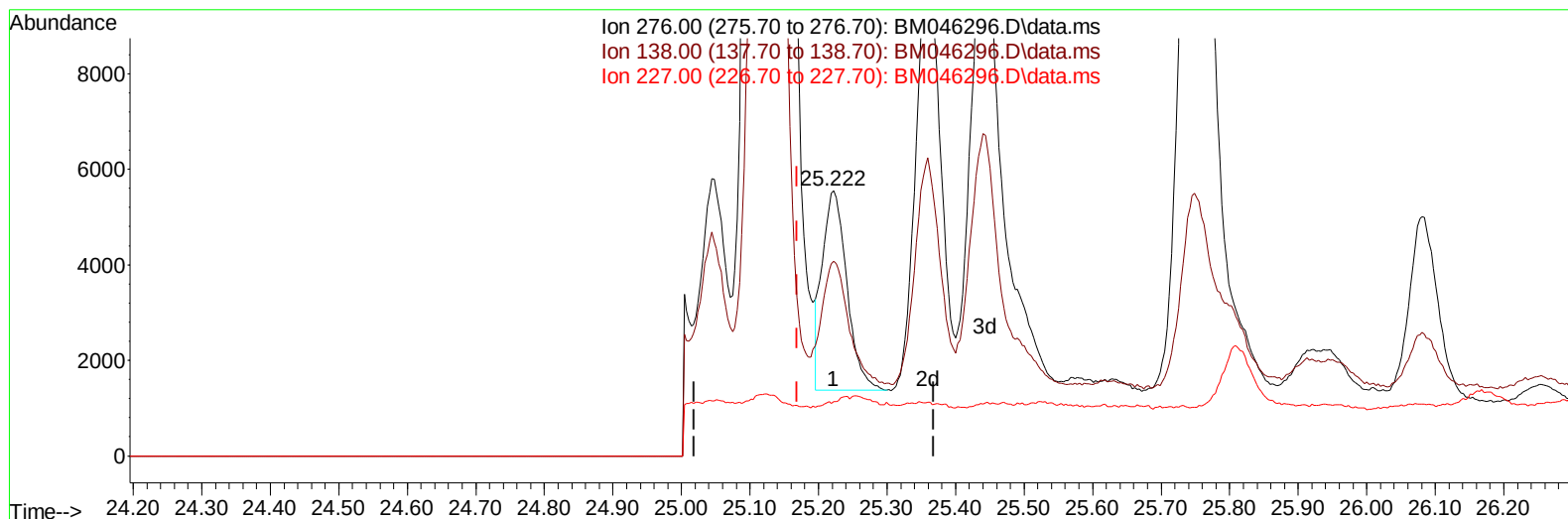
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046296.D
Acq On : 25 Jun 2024 17:53
Operator : MA/JU
Sample : P2844-16
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C78

Manual IntegrationsAPPROVED

Quant Time: Jun 25 23:28:13 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: BM046296.D\data.ms

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

25.222min (+ 0.054) 0.19 ng/u1

response 10445

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	68.62#
227.00	0.00	4.03#
0.00	0.00	0.00

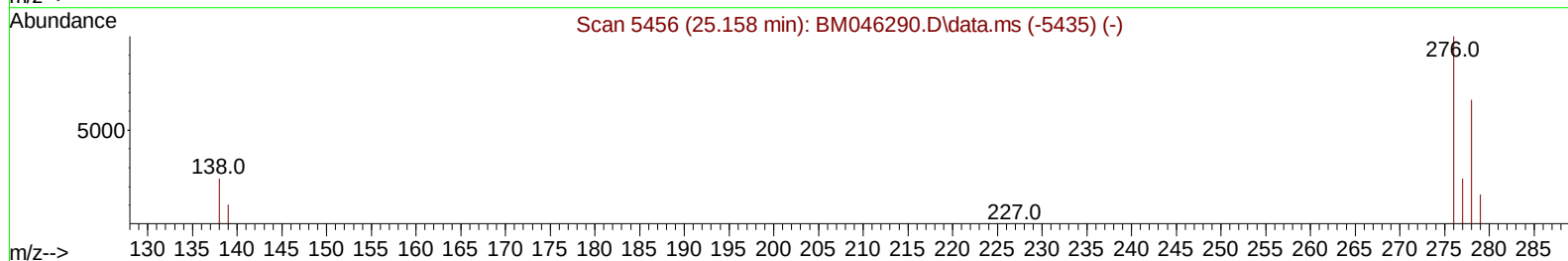
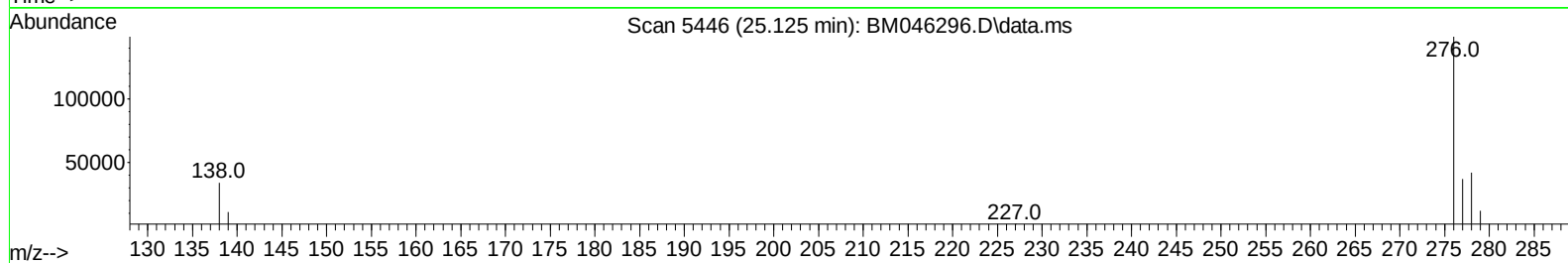
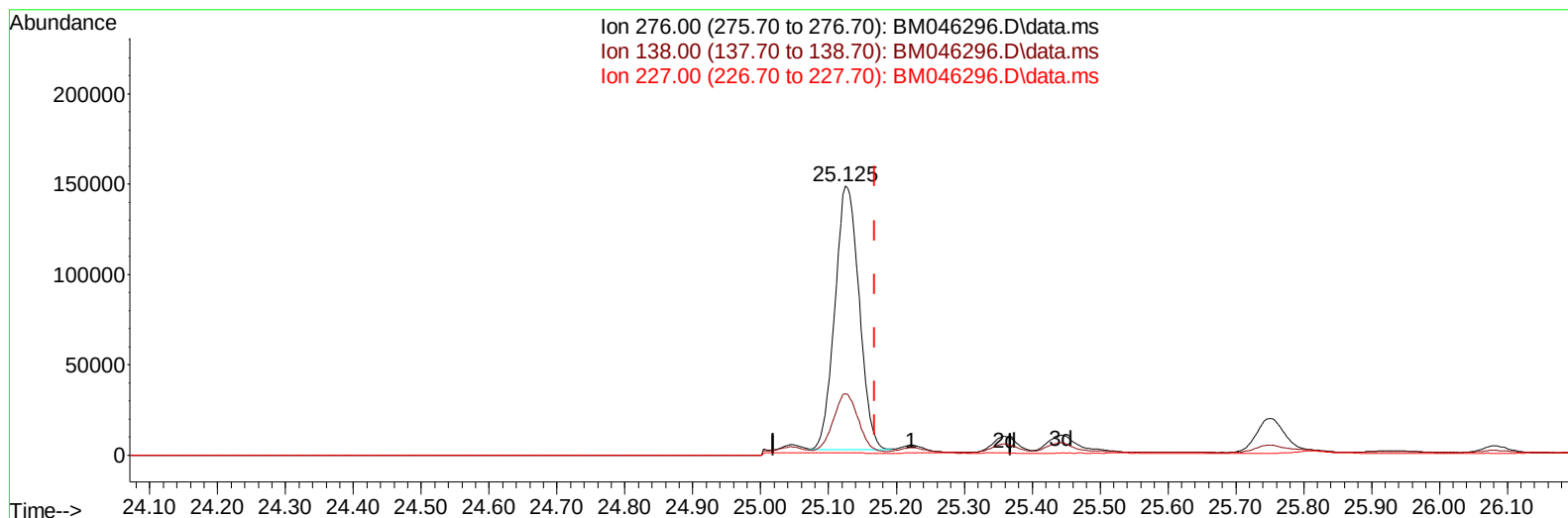
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046296.D
Acq On : 25 Jun 2024 17:53
Operator : MA/JU
Sample : P2844-16
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C78

Manual IntegrationsAPPROVED

Quant Time: Jun 25 23:28:13 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: BM046296.D\data.ms

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

25.125min (-0.044) 6.71 ng/ul m

response 362396

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	1.98#
227.00	0.00	0.12#
0.00	0.00	0.00

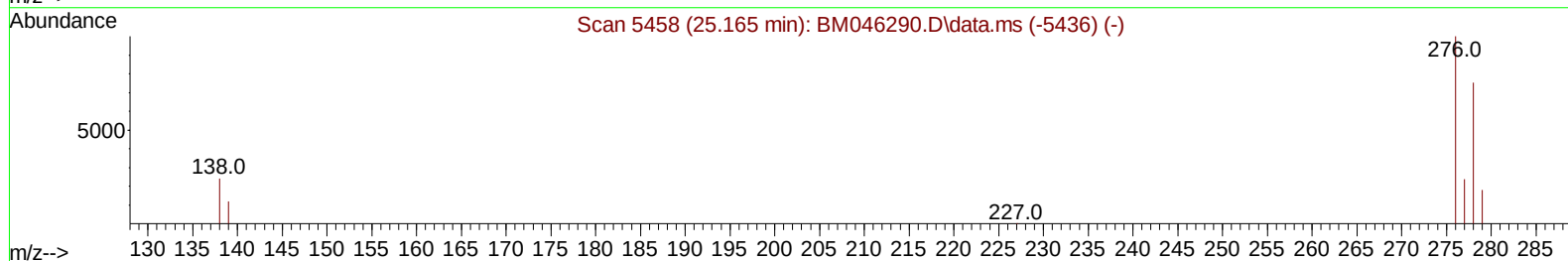
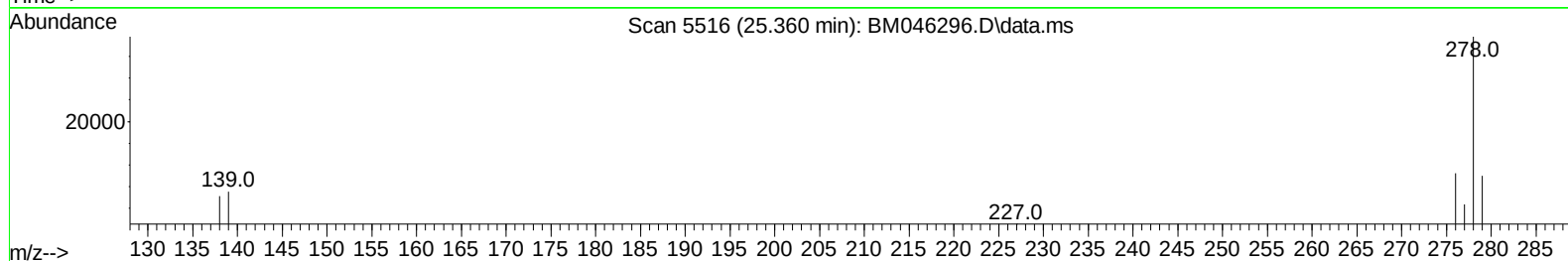
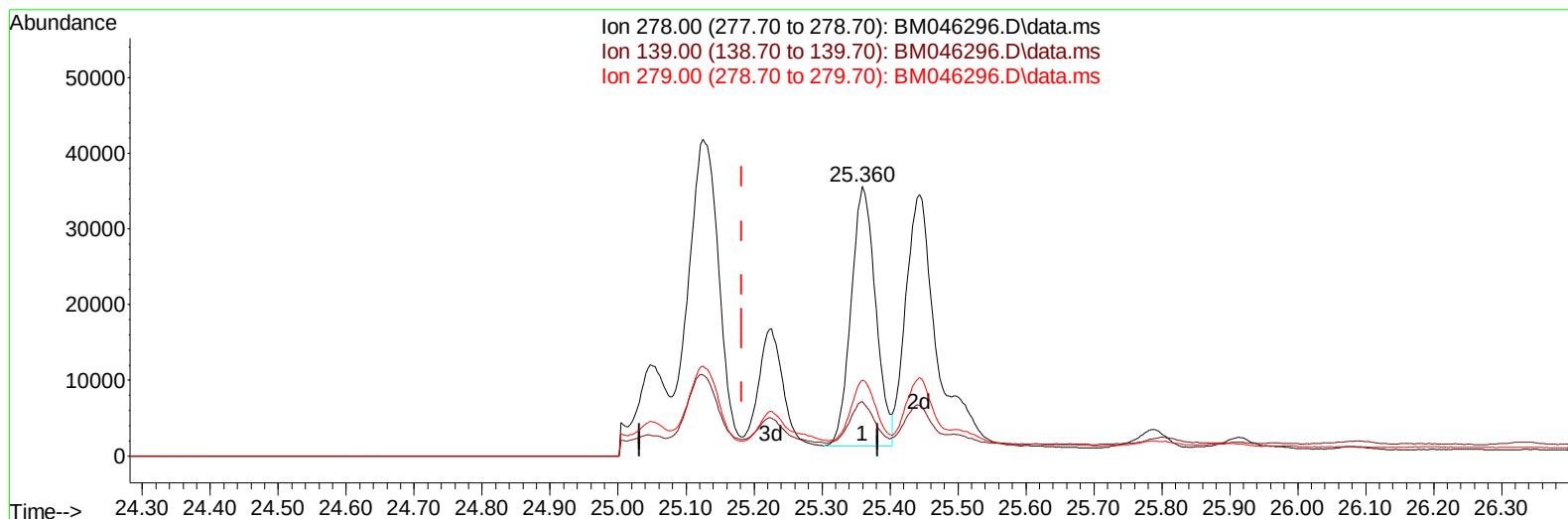
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046296.D
Acq On : 25 Jun 2024 17:53
Operator : MA/JU
Sample : P2844-16
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C78

Manual IntegrationsAPPROVED

Quant Time: Jun 25 23:28:13 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: BM046296.D\data.ms

(28) Dibenzo(a,h)anthracene

25.360min (+ 0.178) 2.15 ng/u1

response 86321

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	22.00	20.07
279.00	32.90	28.10
0.00	0.00	0.00

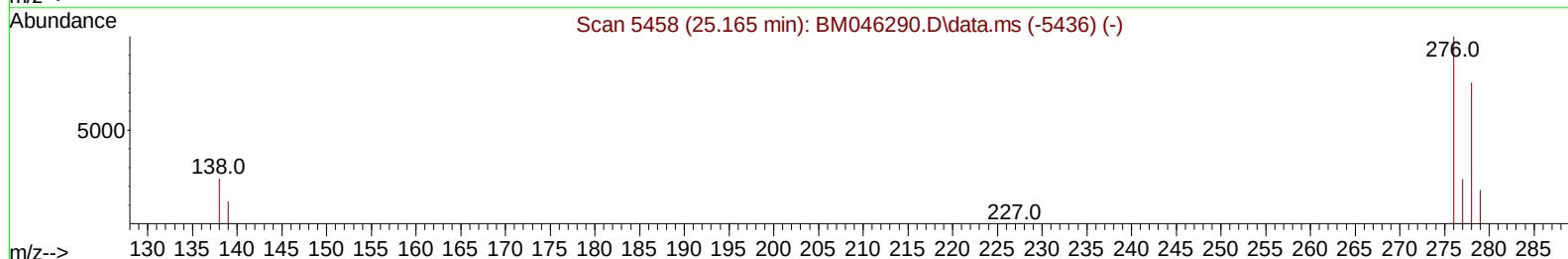
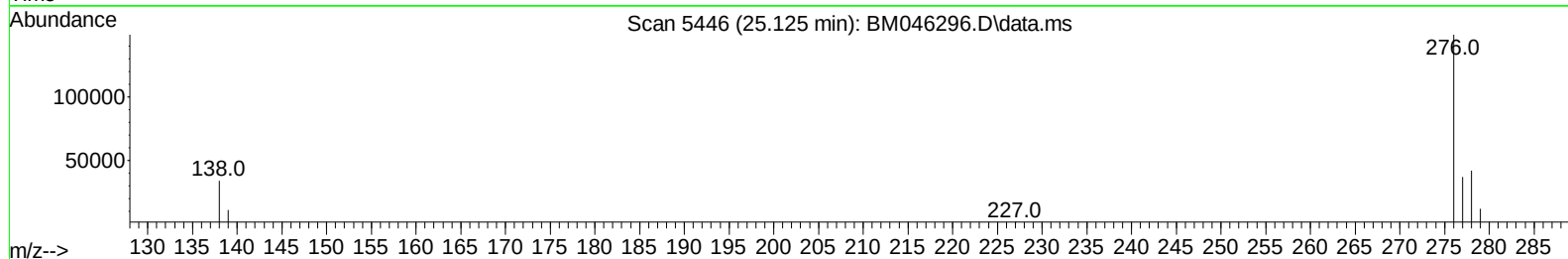
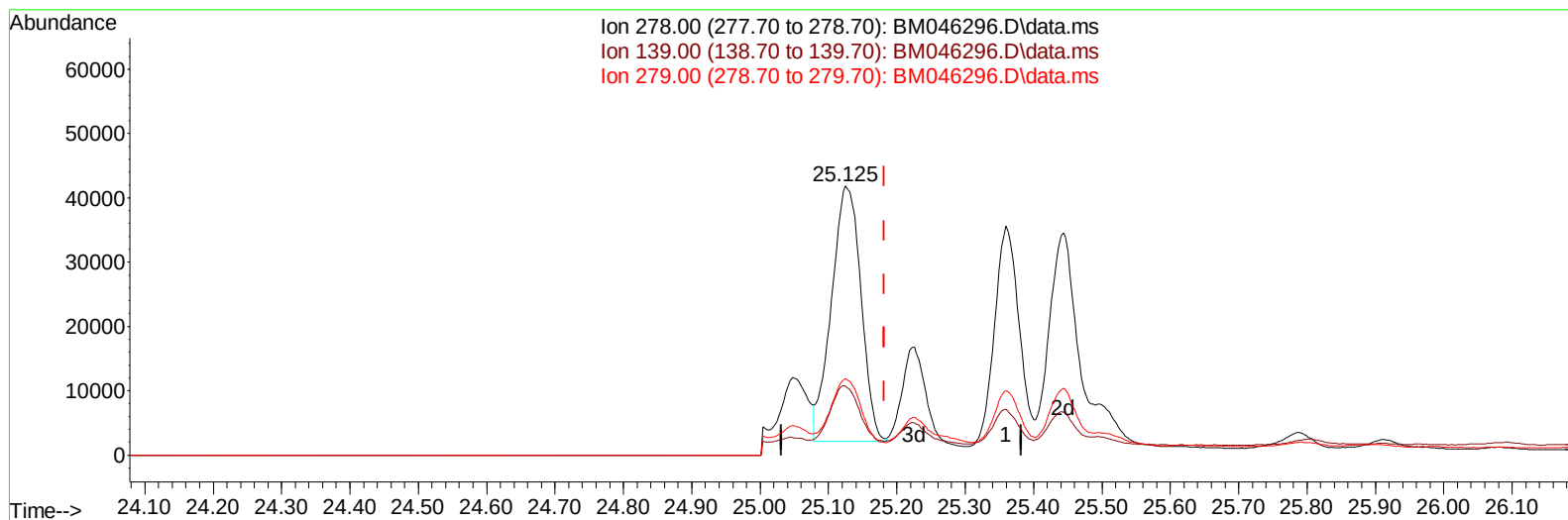
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046296.D
Acq On : 25 Jun 2024 17:53
Operator : MA/JU
Sample : P2844-16
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C78

Manual IntegrationsAPPROVED

Quant Time: Jun 25 23:28:13 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: BM046296.D\data.ms

(28) Dibenzo(a,h)anthracene

25.125min (-0.057) 2.96 ng/ul m

response 119259

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	22.00	25.55
279.00	32.90	28.50
0.00	0.00	0.00

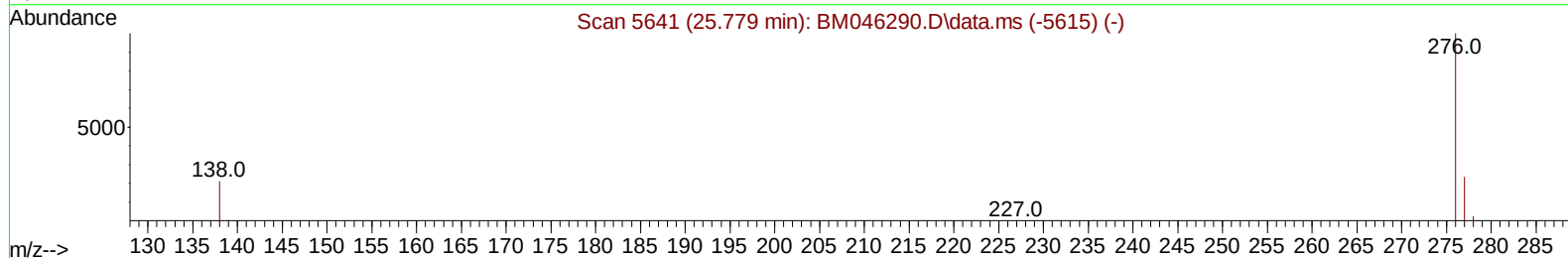
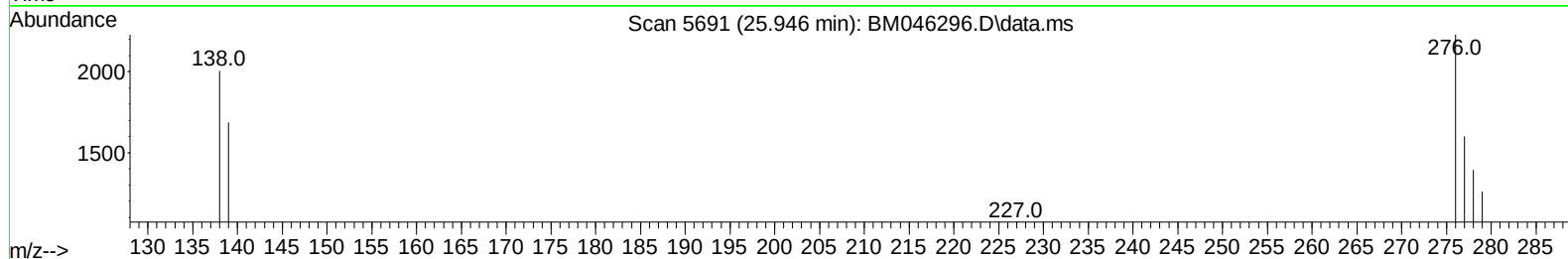
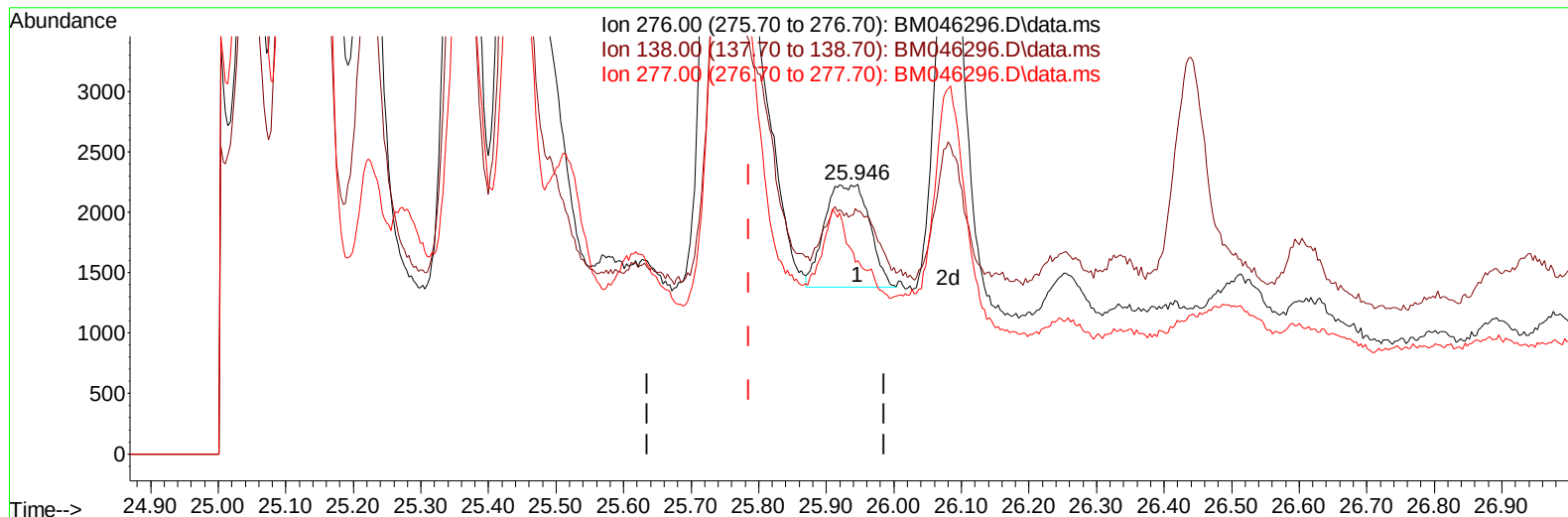
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046296.D
Acq On : 25 Jun 2024 17:53
Operator : MA/JU
Sample : P2844-16
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C78

Manual IntegrationsAPPROVED

Quant Time: Jun 25 23:28:13 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: BM046296.D\data.ms

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

25.946min (+ 0.161) 0.08 ng/u1

response 3917

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.10	90.00#
277.00	25.50	71.92#
0.00	0.00	0.00

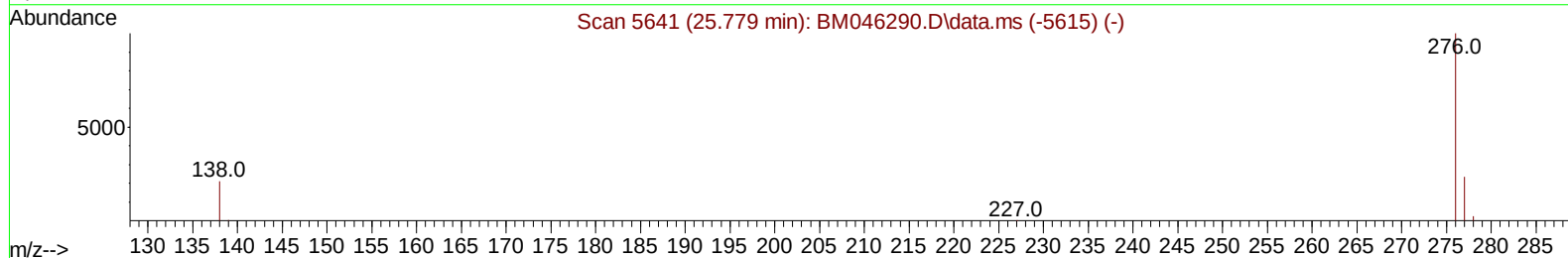
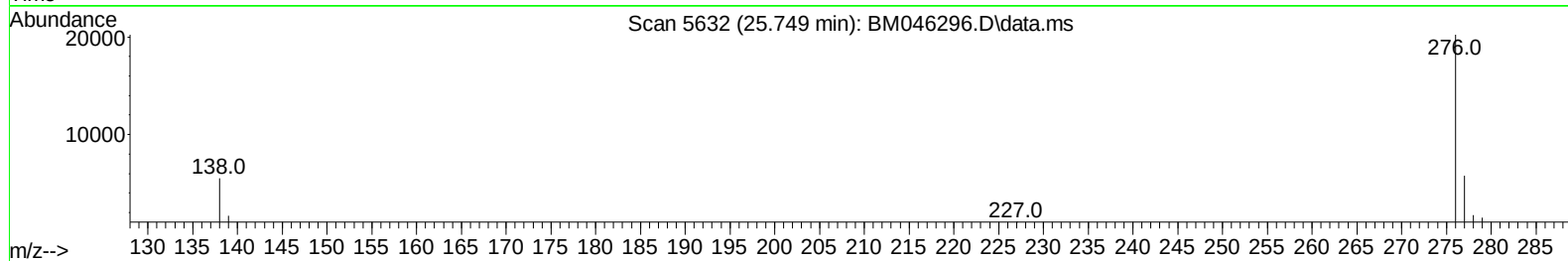
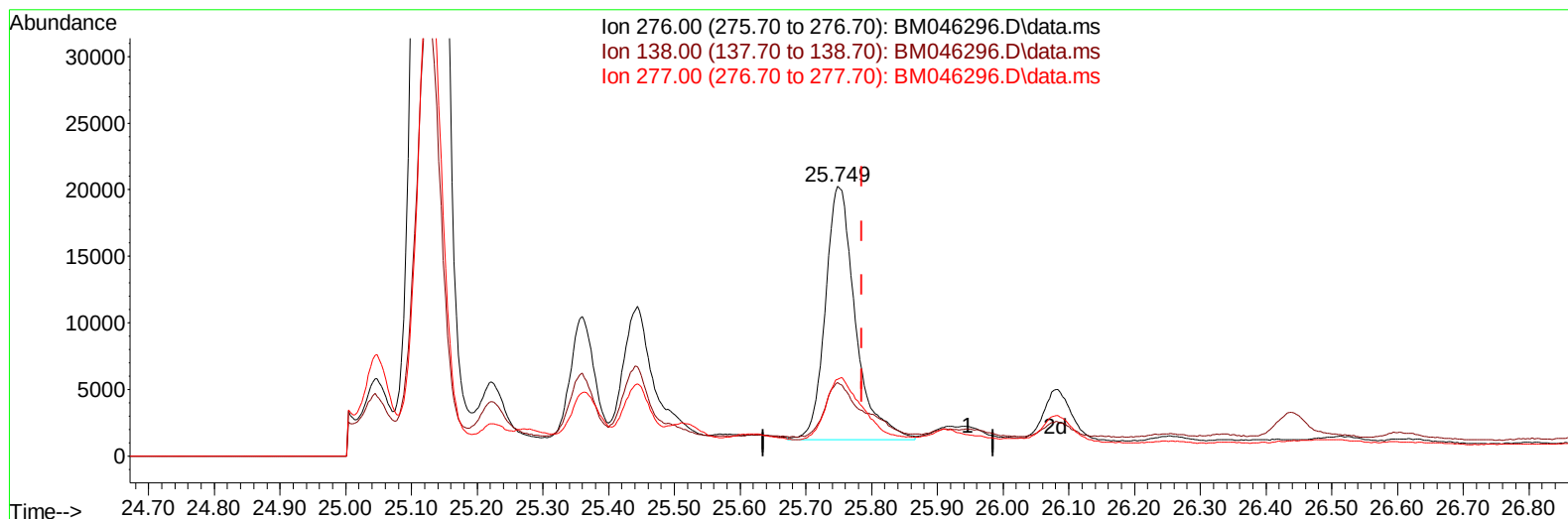
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046296.D
Acq On : 25 Jun 2024 17:53
Operator : MA/JU
Sample : P2844-16
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C78

Manual IntegrationsAPPROVED

Quant Time: Jun 25 23:28:13 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: BM046296.D\data.ms

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

25.749min (-0.037) 1.30 ng/ul m

response 60465

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.10	27.15
277.00	25.50	28.51
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046296.D
 Acq On : 25 Jun 2024 17:53
 Operator : MA/JU
 Sample : P2844-16
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C78

Manual IntegrationsAPPROVED

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

Quant Time: Jun 25 23:28:13 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.396	152	2617m	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.161	136	7898	0.400	ng/ul	-0.09
9) Acenaphthene-d10	14.039	164	4419	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.787	188	9763m	0.400	ng/ul	-0.07
17) Chrysene-d12	20.994	240	6484m	0.400	ng/ul	-0.03
23) Perylene-d12	23.086	264	9889m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.016	96	8813	2.455	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.767	152	2278	0.215	ng/ul	-0.10
18) Fluoranthene-d10	18.821	212	5395m	0.278	ng/ul	-0.05
Target Compounds						
						Qvalue
5) Naphthalene	10.211	128	18854	0.856	ng/ul	95
7) 2-Methylnaphthalene	11.844	142	7355	0.593	ng/ul	96
8) 1-Methylnaphthalene	12.058	142	5776	0.425	ng/ul	100
10) Acenaphthylene	13.757	152	50606	2.414	ng/ul	97
11) Acenaphthene	14.104	153	27360	1.808	ng/ul	98
12) Fluorene	15.099	166	34183	2.105	ng/ul	99
14) Pentachlorophenol	16.478	266	297	0.102	ng/ul	96
15) Phenanthrene	16.829	178	715029m	26.068	ng/ul	
16) Anthracene	16.922	178	140506m	6.878	ng/ul	
19) Fluoranthene	18.853	202	1451742m	51.710	ng/ul	
20) Pyrene	19.221	202	1024330m	33.738	ng/ul	
21) Benzo(a)anthracene	20.976	228	591254m	23.607	ng/ul	
22) Chrysene	21.029	228	672775m	21.049	ng/ul	
24) Benzo(b)fluoranthene	22.472	252	946234m	26.559	ng/ul	
25) Benzo(k)fluoranthene	22.510	252	361991m	8.546	ng/ul	
26) Benzo(a)pyrene	22.996	252	374818m	11.353	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.125	276	362396m	6.707	ng/ul	
28) Dibenzo(a,h)anthracene	25.125	278	119259m	2.965	ng/ul	
29) Benzo(g,h,i)perylene	25.749	276	60465m	1.305	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046296.D
Acq On : 25 Jun 2024 17:53
Operator : MA/JU
Sample : P2844-16
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C78

Manual IntegrationsAPPROVED

Quant Time: Jun 25 23:28:13 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

