

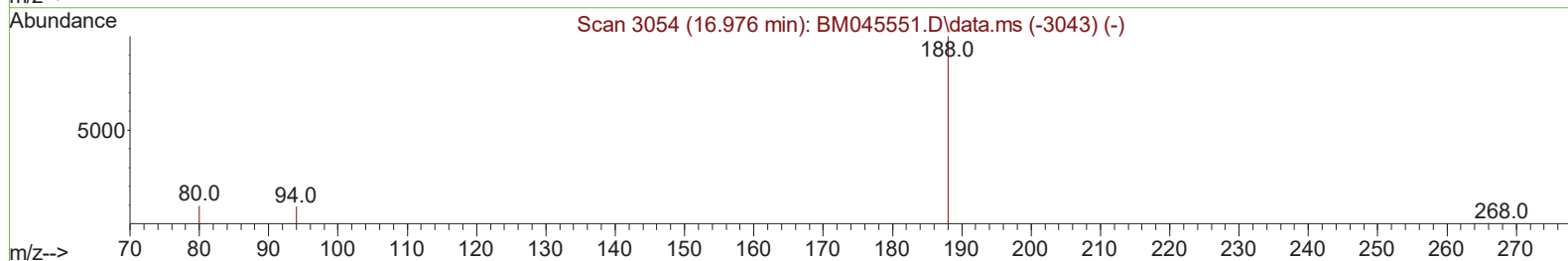
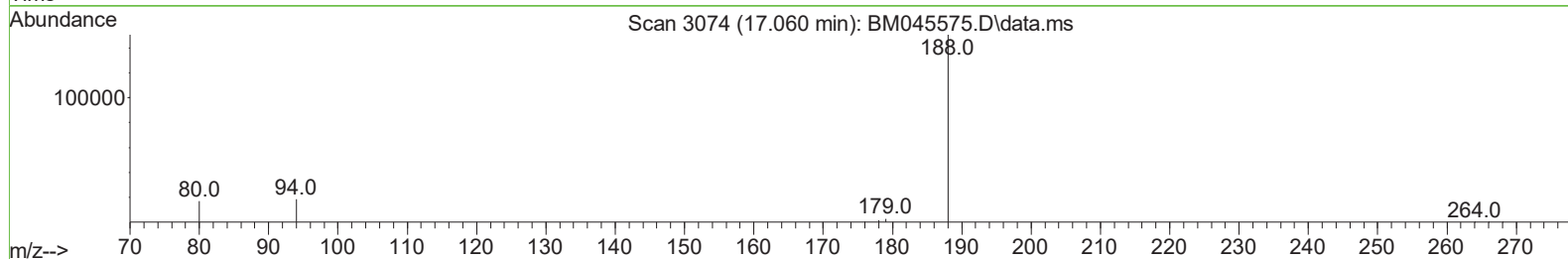
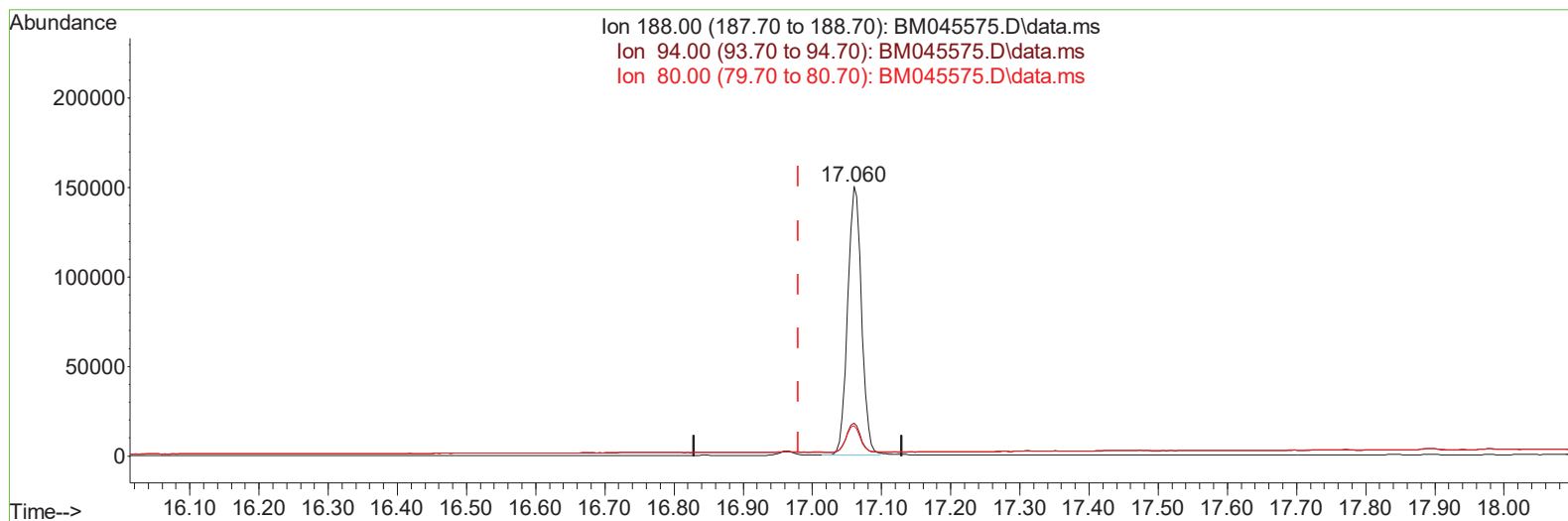
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045575.D
Acq On : 25 Apr 2024 22:47
Operator : MA/JU
Sample : P2037-24RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9RE

Manual IntegrationsAPPROVED

Quant Time: Apr 25 23:23:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BM045575.D\data.ms

(13) Phenanthrene-d10 (I)

17.060min (+ 0.080) 0.40 ng/u1

response 209532

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	12.18
80.00	14.80	11.20#
0.00	0.00	0.00

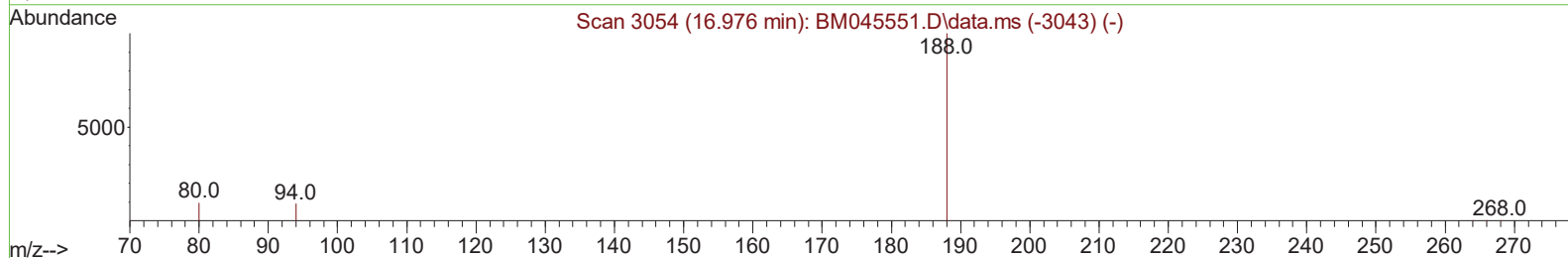
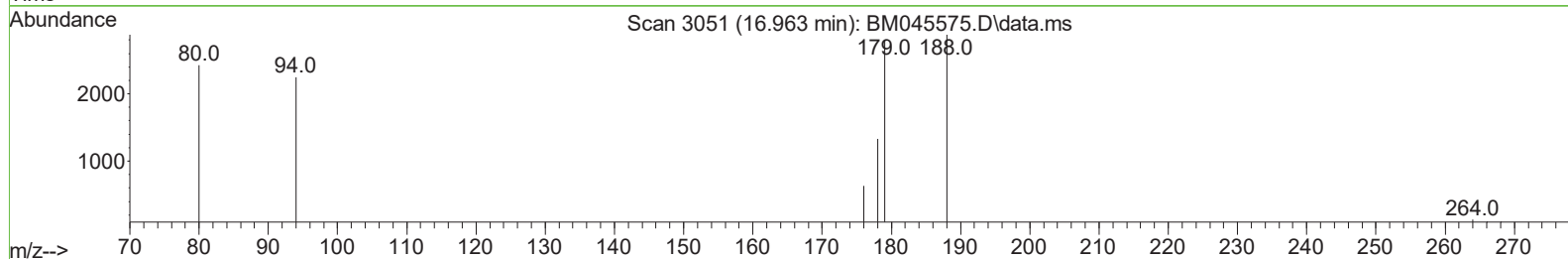
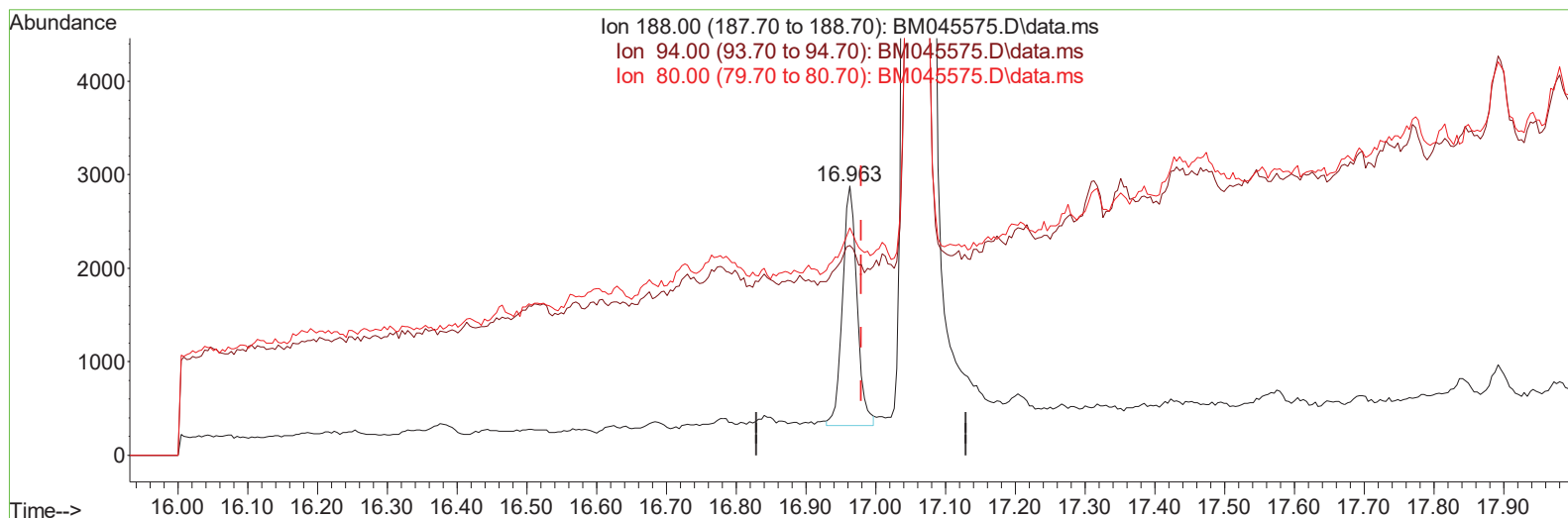
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045575.D
Acq On : 25 Apr 2024 22:47
Operator : MA/JU
Sample : P2037-24RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9RE

Manual IntegrationsAPPROVED

Quant Time: Apr 25 23:23:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BM045575.D\data.ms

(13) Phenanthrene-d10 (I)

16.963min (-0.017) 0.40 ng/u1 m

response 3710

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	77.98#
80.00	14.80	84.40#
0.00	0.00	0.00

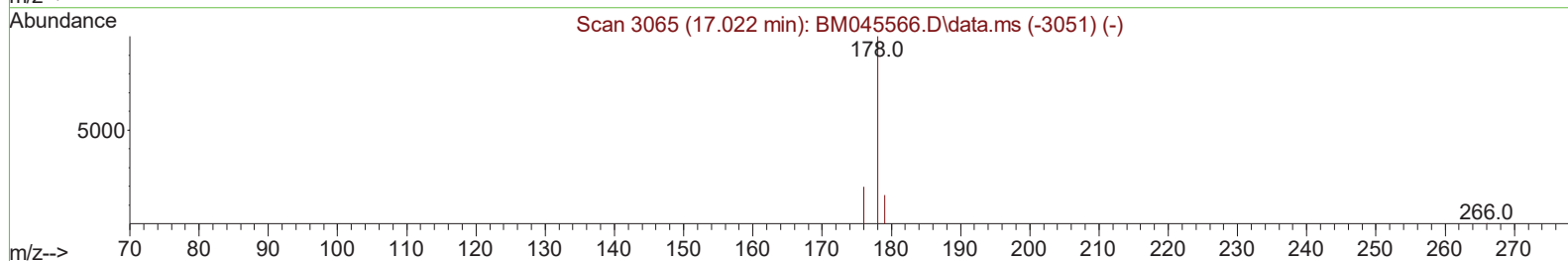
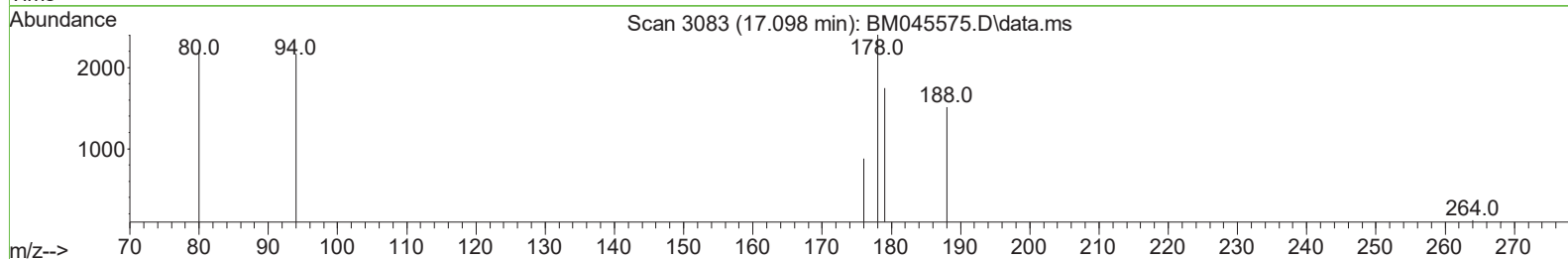
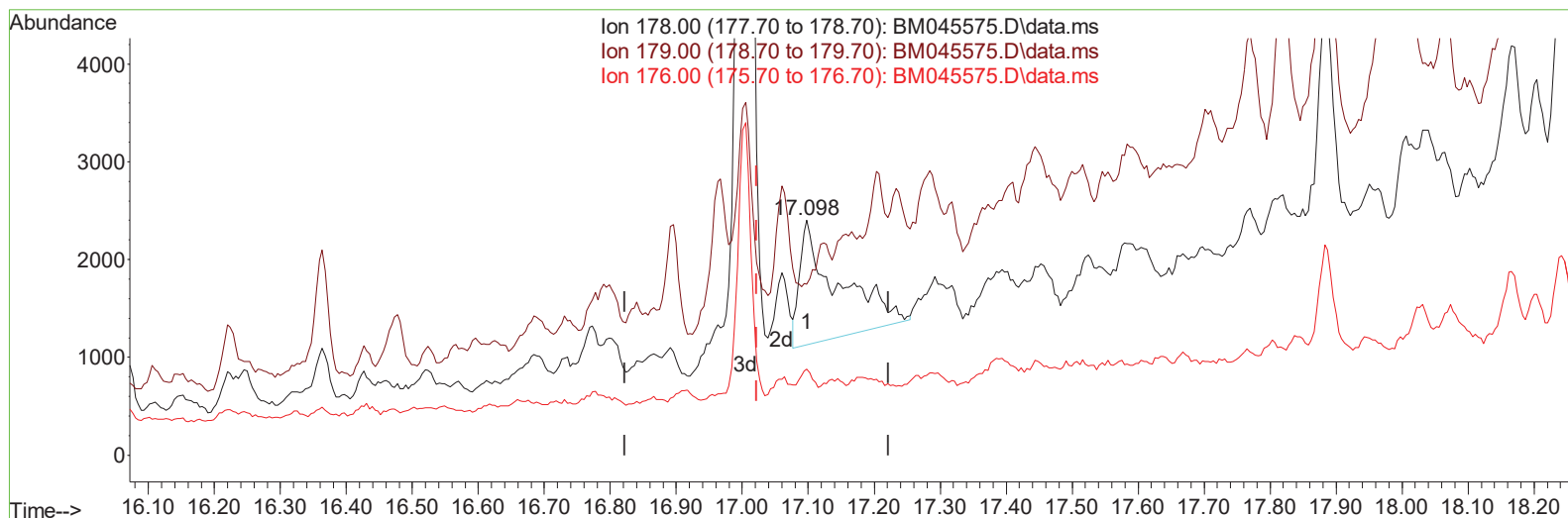
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045575.D
Acq On : 25 Apr 2024 22:47
Operator : MA/JU
Sample : P2037-24RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9RE

Manual IntegrationsAPPROVED

Quant Time: Apr 26 01:29:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BM045575.D\data.ms

(15) Phenanthrene

17.098min (+ 0.076) 0.47 ng/u1

response 5032

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	19.30	72.80#
176.00	23.70	36.69#
0.00	0.00	0.00

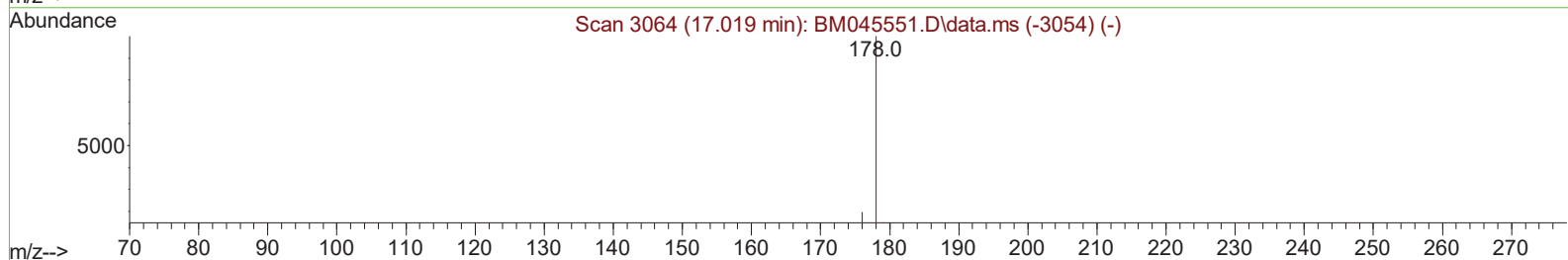
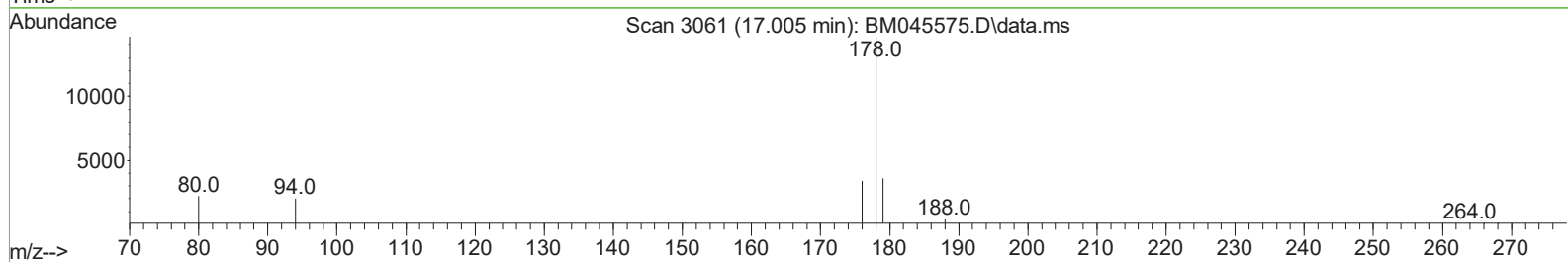
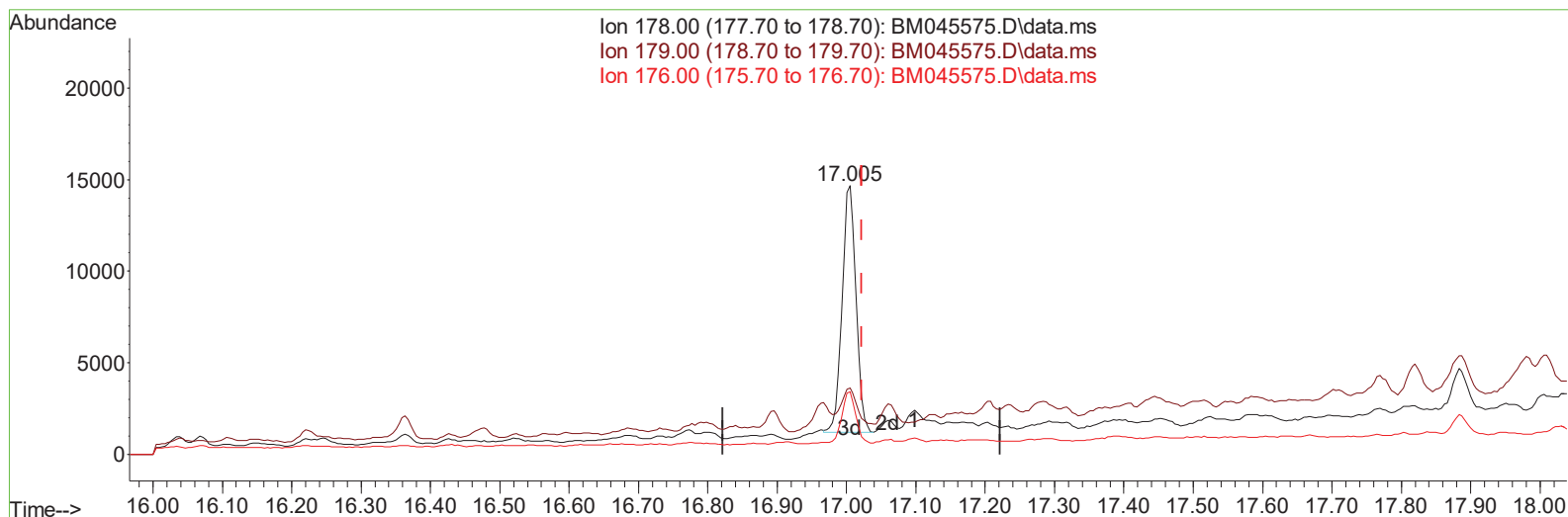
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045575.D
Acq On : 25 Apr 2024 22:47
Operator : MA/JU
Sample : P2037-24RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9RE

Manual IntegrationsAPPROVED

Quant Time: Apr 25 23:23:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BM045575.D\data.ms

(15) Phenanthrene

17.005min (-0.017) 1.74 ng/ul m

response 18816

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	19.30	24.62#
176.00	23.70	23.18
0.00	0.00	0.00

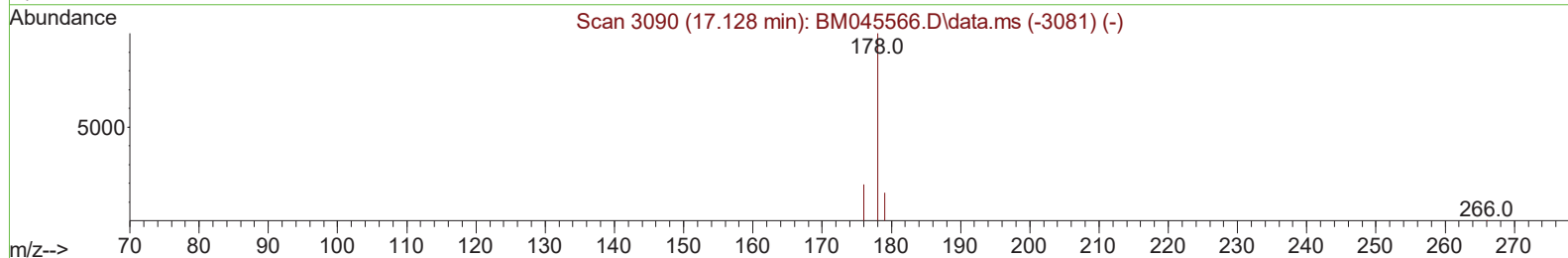
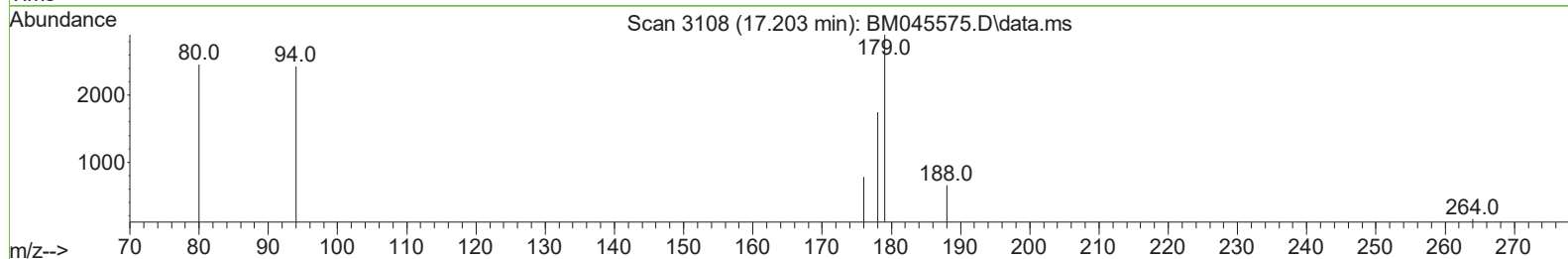
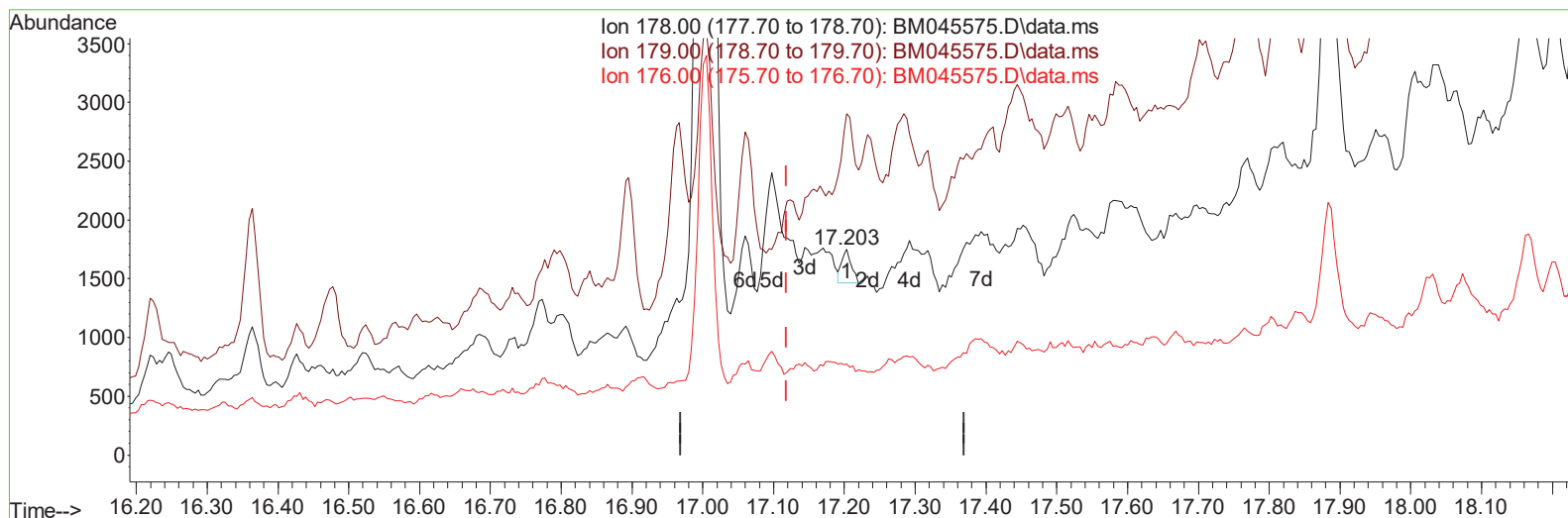
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045575.D
Acq On : 25 Apr 2024 22:47
Operator : MA/JU
Sample : P2037-24RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9RE

Manual IntegrationsAPPROVED

Quant Time: Apr 26 01:29:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
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Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BM045575.D\data.ms

(16) Anthracene

17.203min (+ 0.085) 0.03 ng/u1

response 262

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	22.20	166.08#
176.00	23.40	44.39#
0.00	0.00	0.00

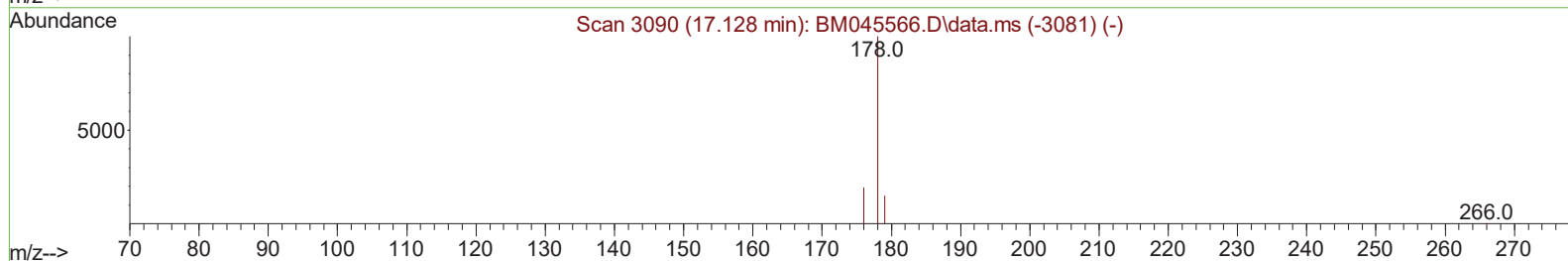
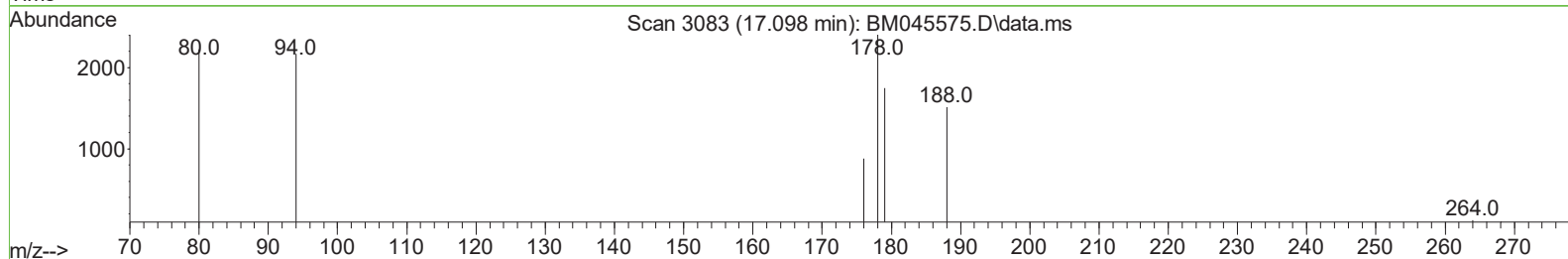
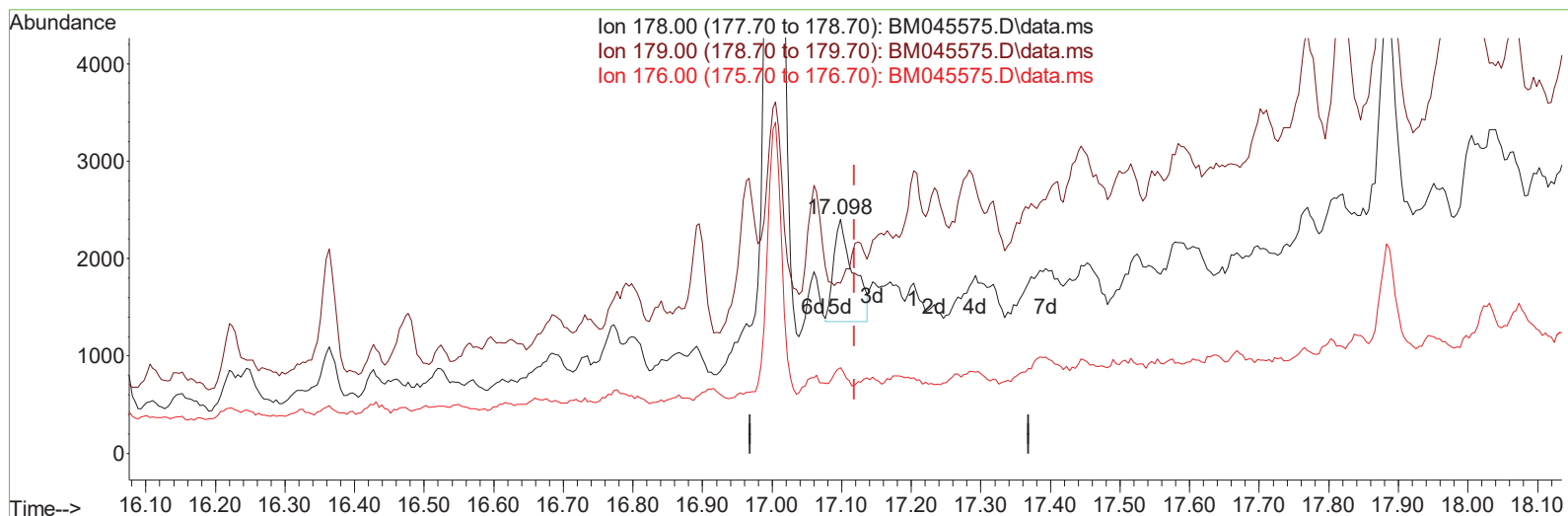
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045575.D
Acq On : 25 Apr 2024 22:47
Operator : MA/JU
Sample : P2037-24RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9RE

Manual IntegrationsAPPROVED

Quant Time: Apr 25 23:23:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BM045575.D\data.ms

(16) Anthracene

17.098min (-0.021) 0.20 ng/ul m

response 2042

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	22.20	72.80#
176.00	23.40	36.69#
0.00	0.00	0.00

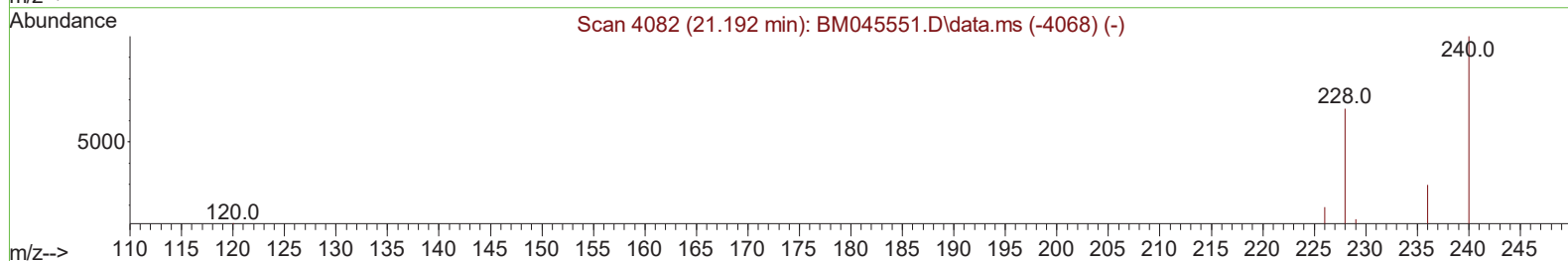
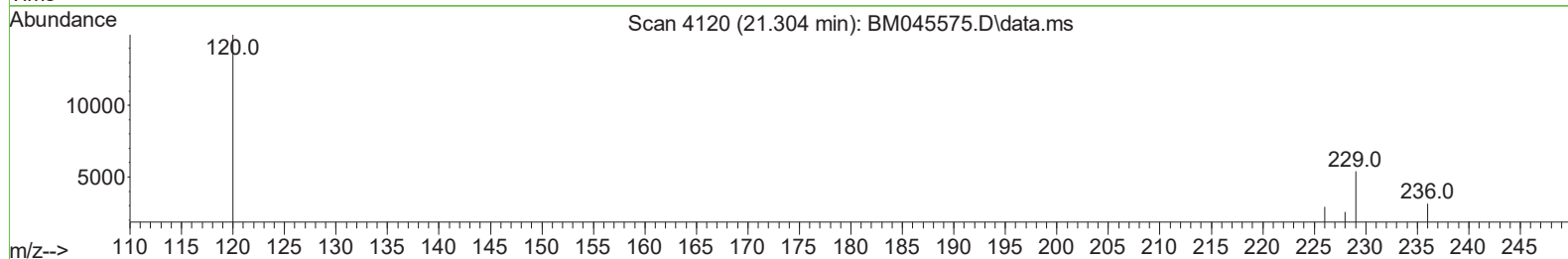
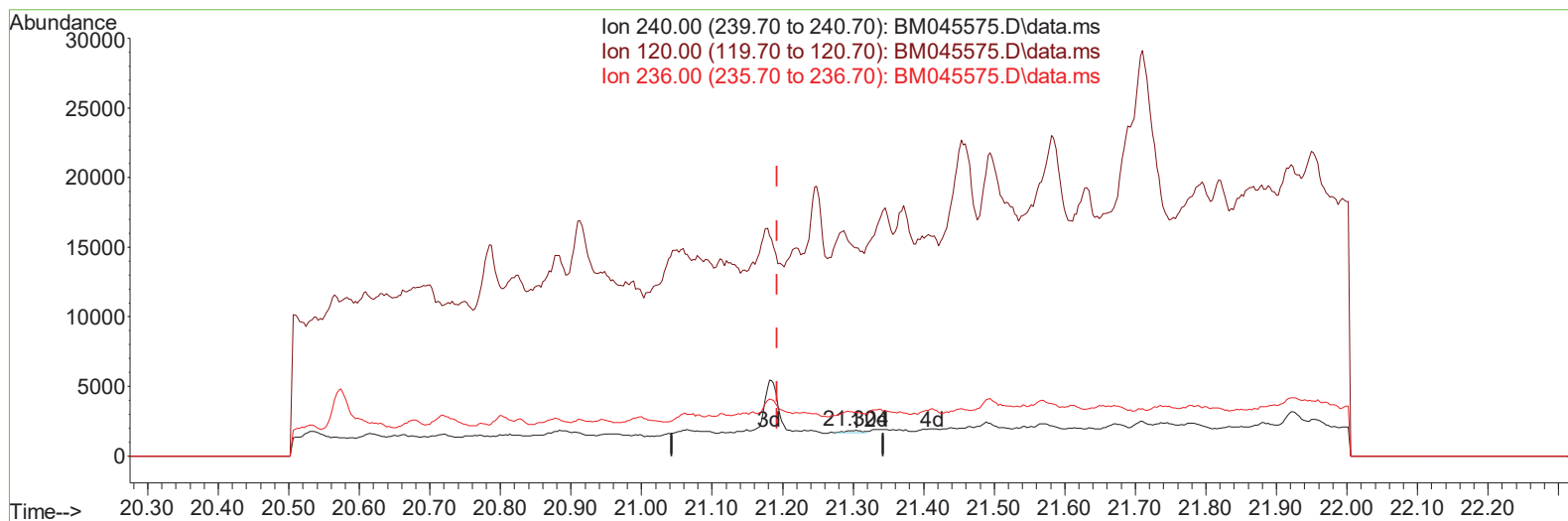
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045575.D
Acq On : 25 Apr 2024 22:47
Operator : MA/JU
Sample : P2037-24RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9RE

Manual IntegrationsAPPROVED

Quant Time: Apr 25 23:23:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
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Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BM045575.D\data.ms

(17) Chrysene-d12

21.304min (+ 0.111) 0.40 ng/u1

response	232	
Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.40	806.75#
236.00	35.90	170.02#
0.00	0.00	0.00

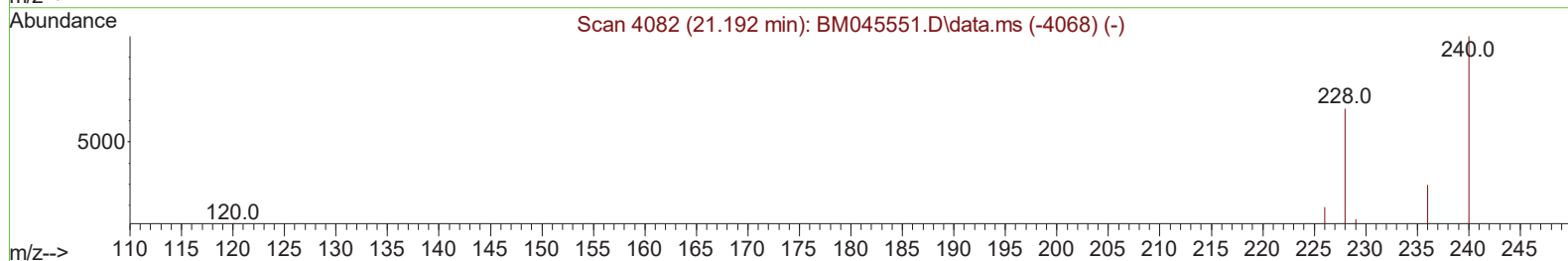
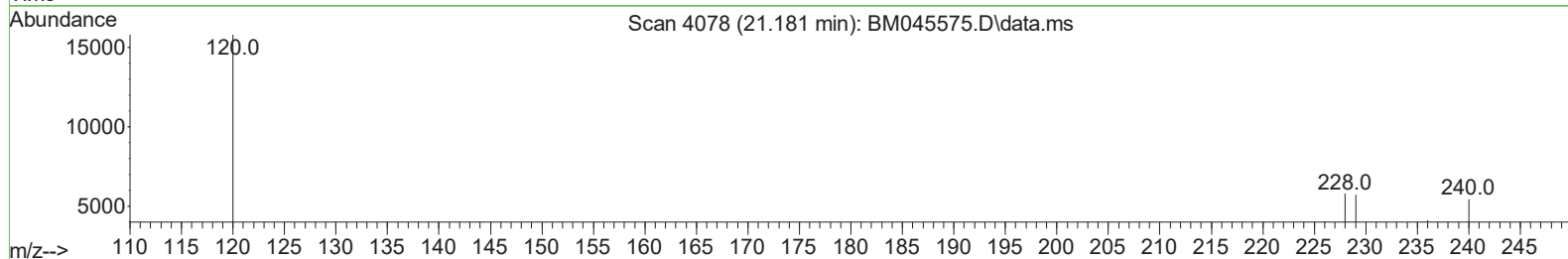
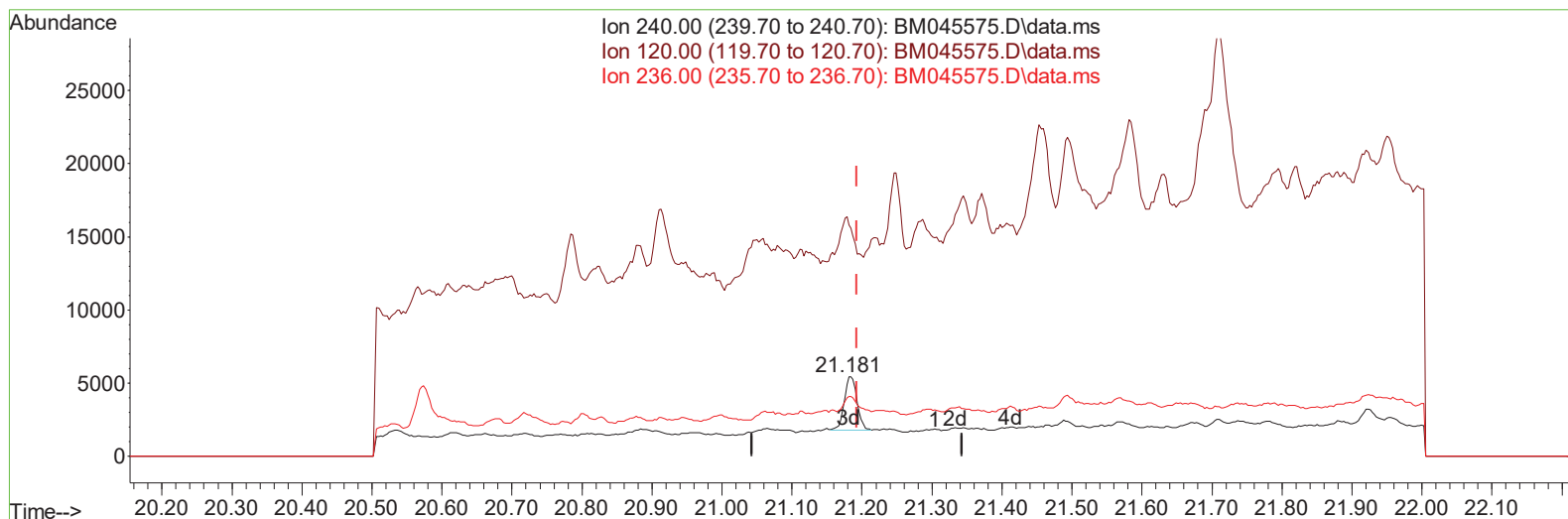
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045575.D
Acq On : 25 Apr 2024 22:47
Operator : MA/JU
Sample : P2037-24RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9RE

Manual IntegrationsAPPROVED

Quant Time: Apr 25 23:23:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BM045575.D\data.ms

(17) Chrysene-d12

21.181min (-0.012) 0.40 ng/u1 m

response 4633

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.40	290.99#
236.00	35.90	75.09#
0.00	0.00	0.00

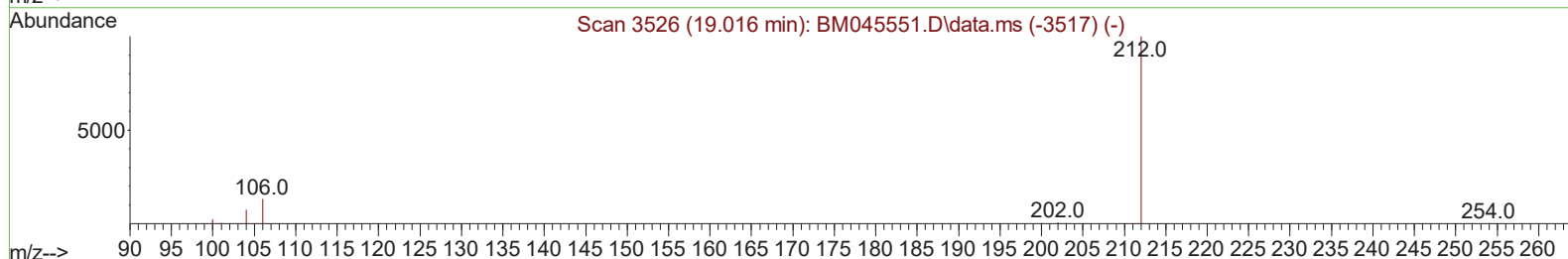
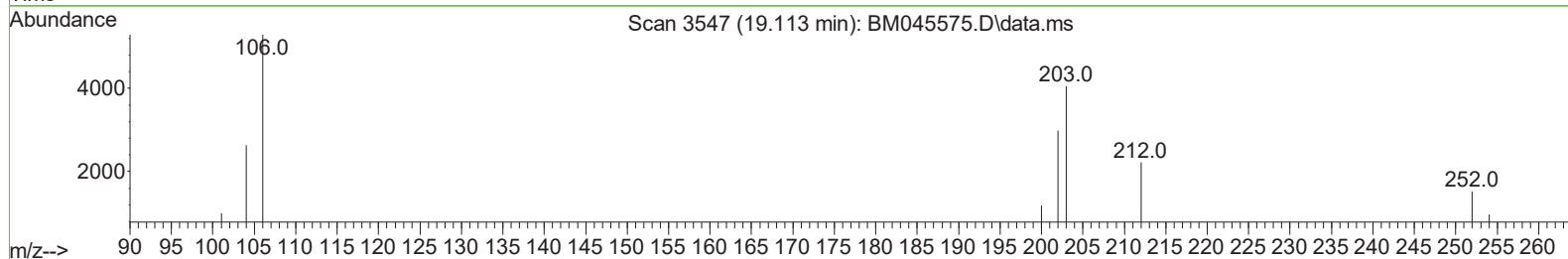
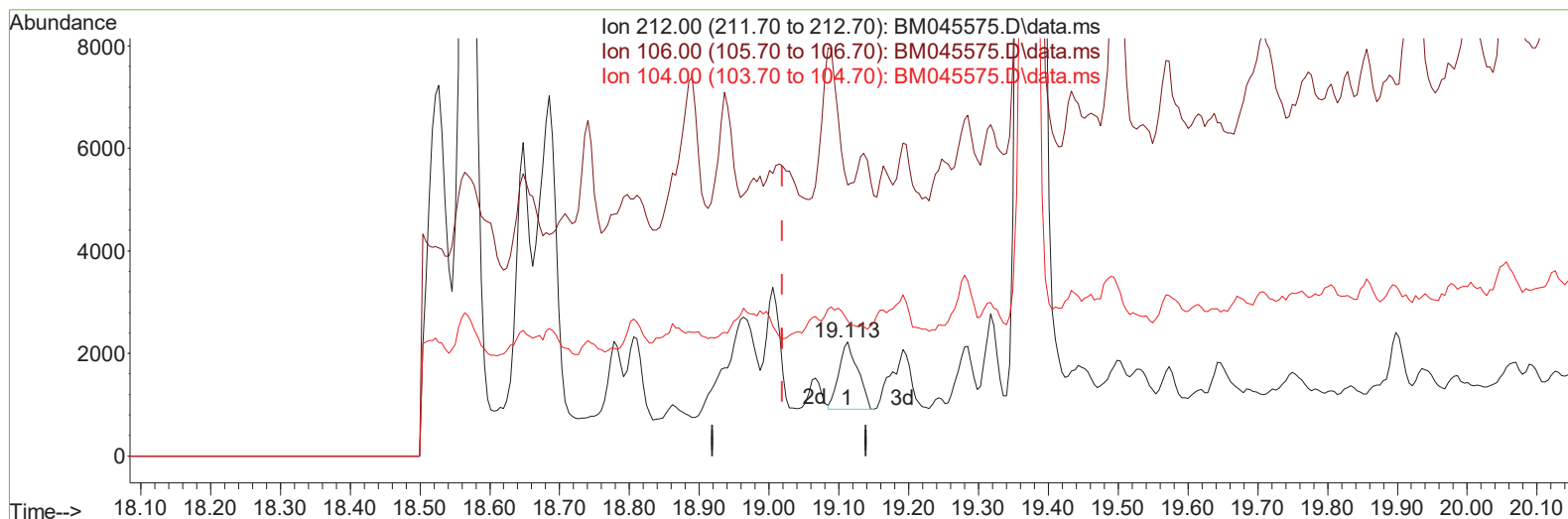
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045575.D
Acq On : 25 Apr 2024 22:47
Operator : MA/JU
Sample : P2037-24RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9RE

Manual IntegrationsAPPROVED

Quant Time: Apr 25 23:23:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
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TIC: BM045575.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.113min (+ 0.093) 0.17 ng/u1

response 2468

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	12.70	0.00#
104.00	8.70	0.00#
0.00	0.00	0.00

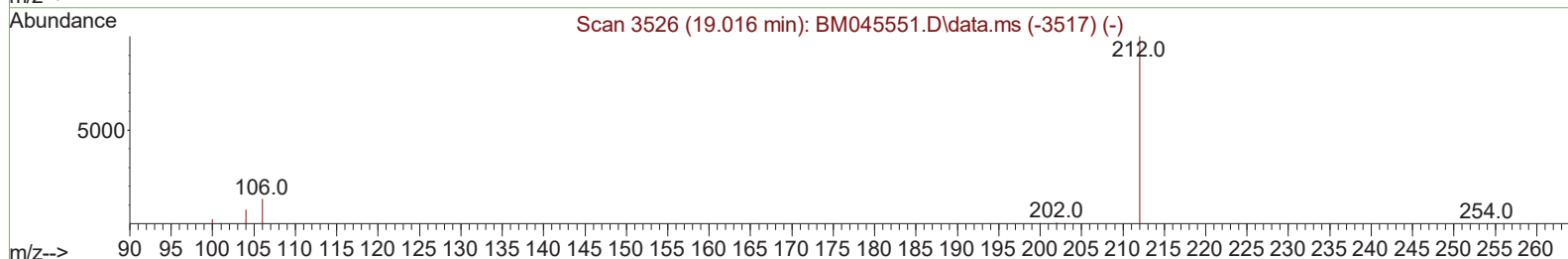
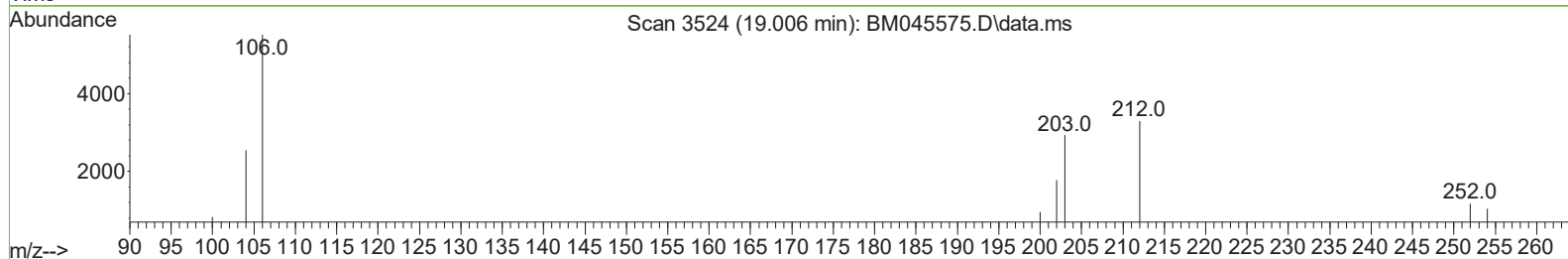
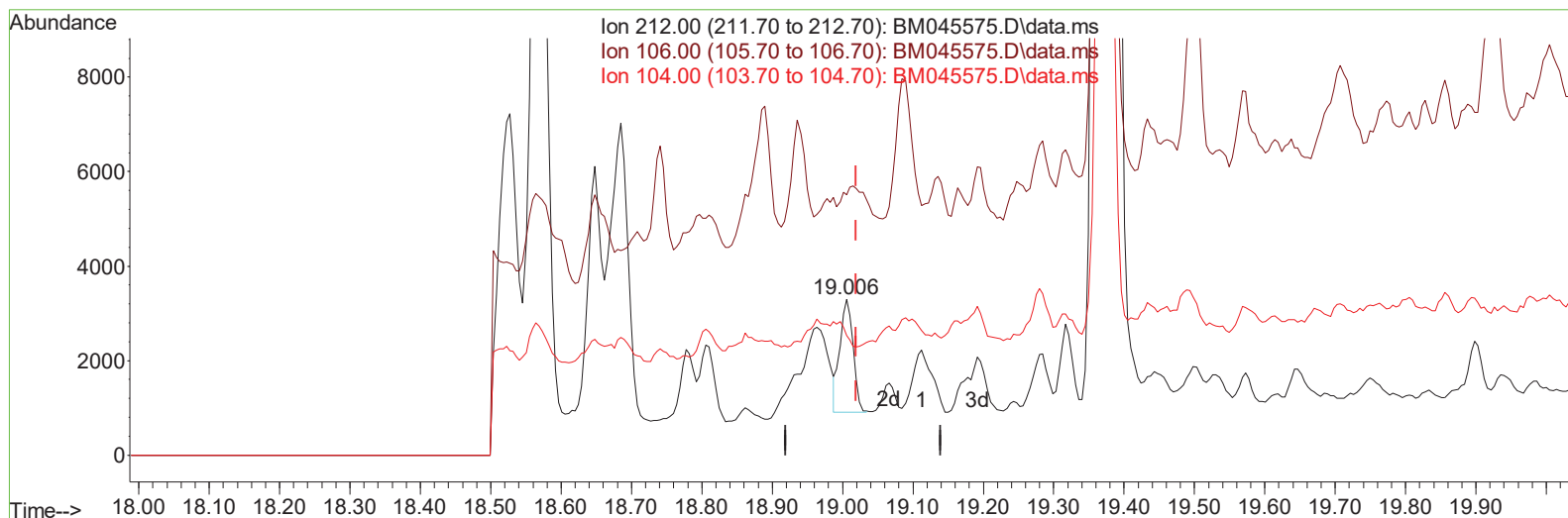
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045575.D
Acq On : 25 Apr 2024 22:47
Operator : MA/JU
Sample : P2037-24RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9RE

Manual IntegrationsAPPROVED

Quant Time: Apr 25 23:23:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
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Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BM045575.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.006min (-0.014) 0.22 ng/u1 m

response 3157

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	12.70	0.00#
104.00	8.70	0.00#
0.00	0.00	0.00

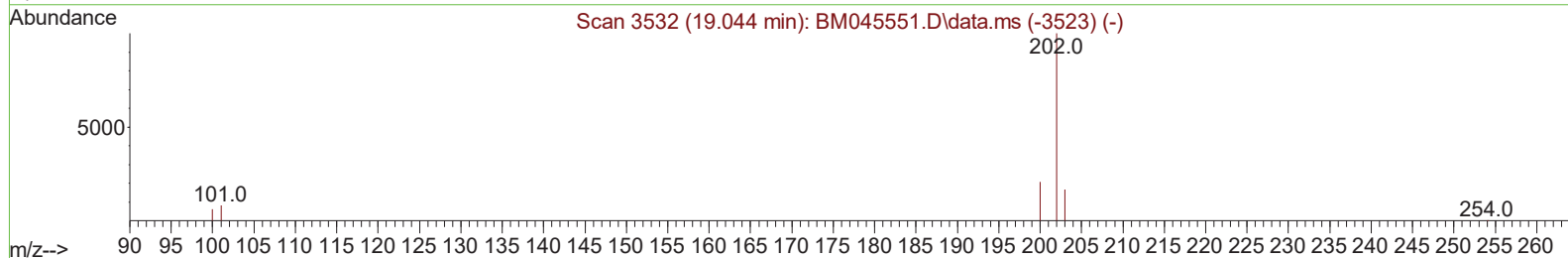
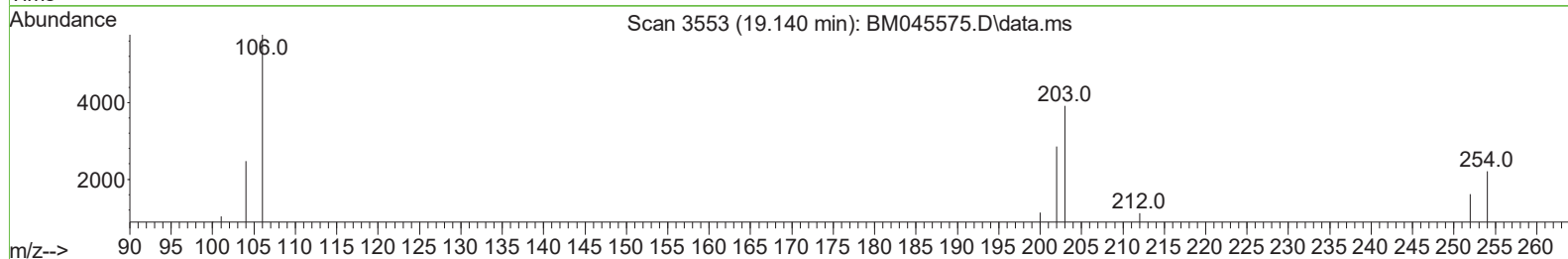
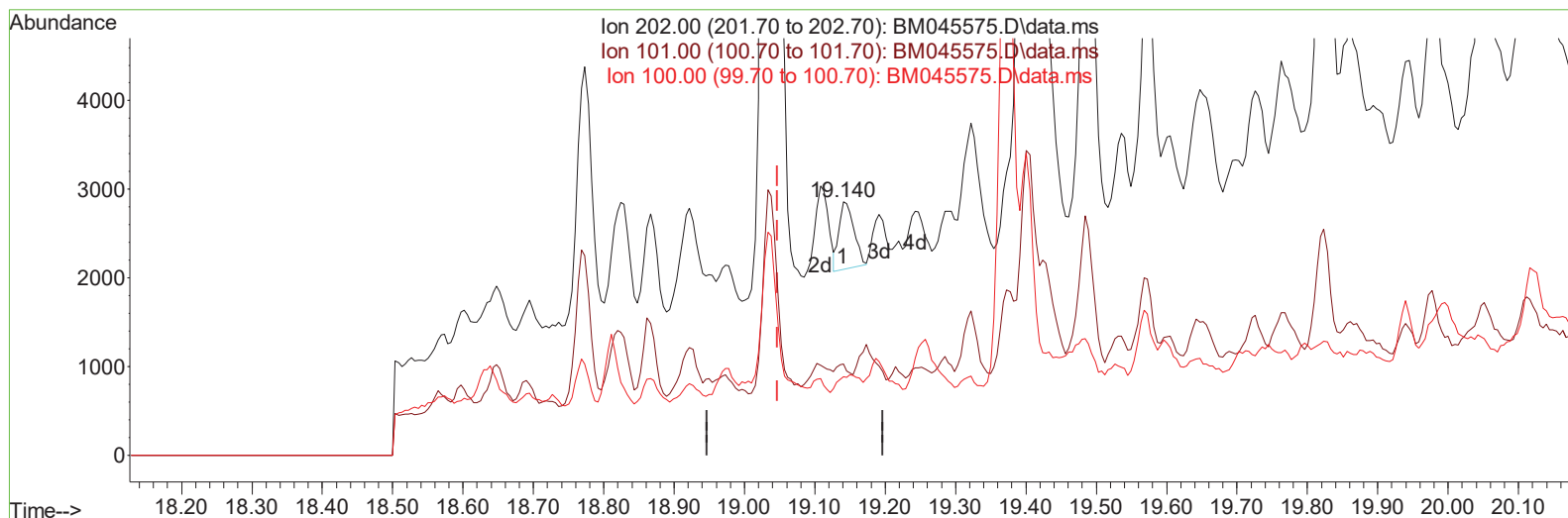
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045575.D
Acq On : 25 Apr 2024 22:47
Operator : MA/JU
Sample : P2037-24RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9RE

Manual IntegrationsAPPROVED

Quant Time: Apr 25 23:23:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
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Supervised By :mohammad ahmed 04/27/2024



TIC: BM045575.D\data.ms

(19) Fluoranthene (C)

19.140min (+ 0.093) 0.05 ng/u1

response 1124

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.00	35.90#
100.00	11.40	30.90#
0.00	0.00	0.00

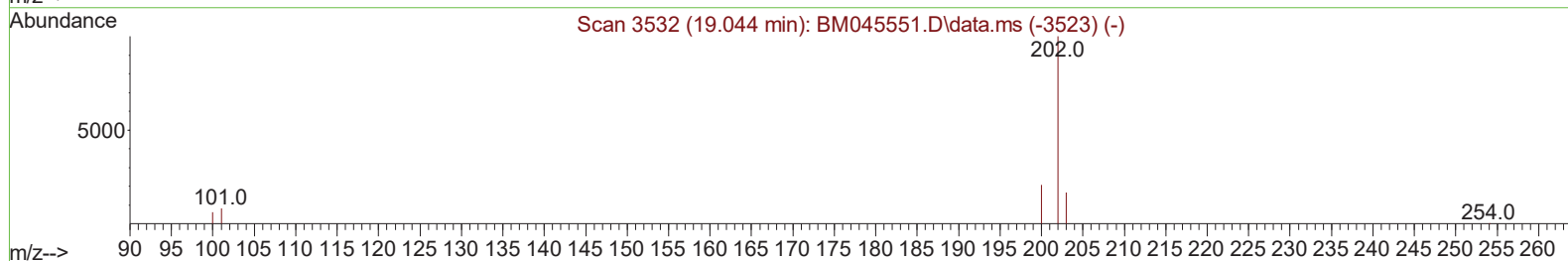
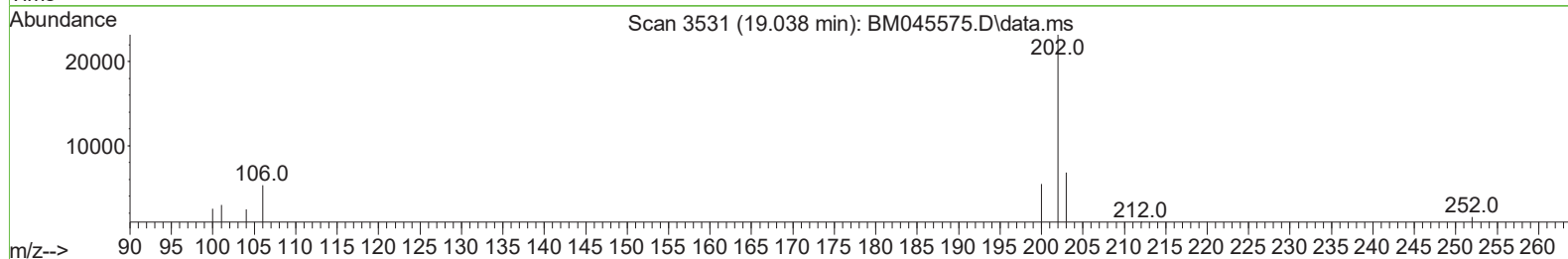
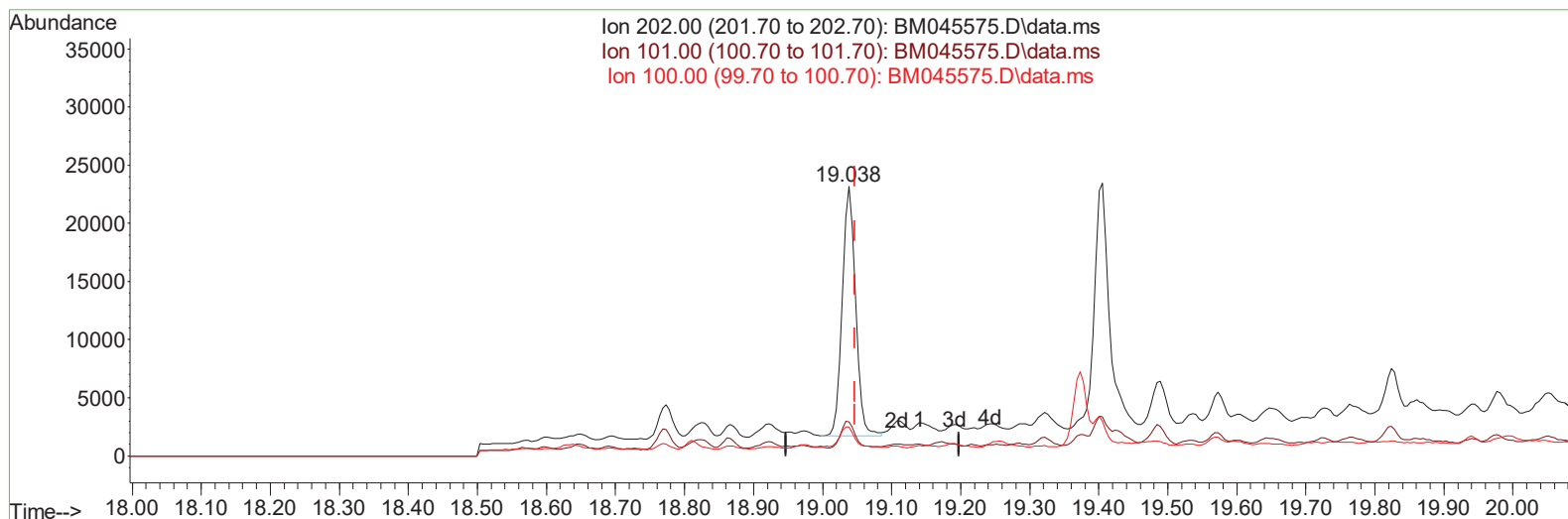
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045575.D
Acq On : 25 Apr 2024 22:47
Operator : MA/JU
Sample : P2037-24RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9RE

Manual IntegrationsAPPROVED

Quant Time: Apr 25 23:23:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
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Reviewed By :Yogesh Patel 04/26/2024
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TIC: BM045575.D\data.ms

(19) Fluoranthene (C)

19.038min (-0.009) 1.36 ng/u1 m

response 29183

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.00	12.62
100.00	11.40	10.68
0.00	0.00	0.00

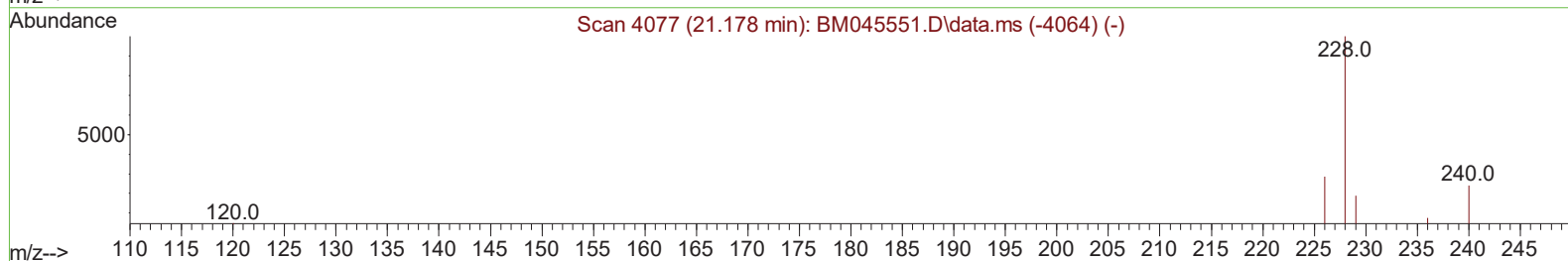
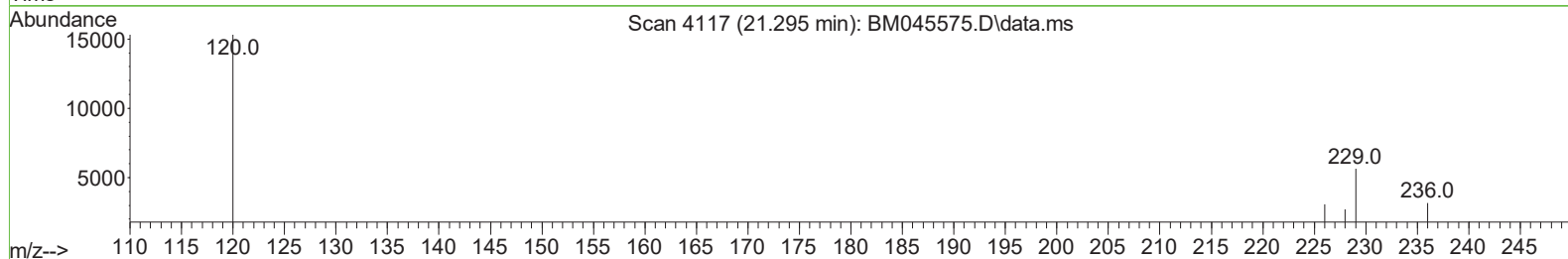
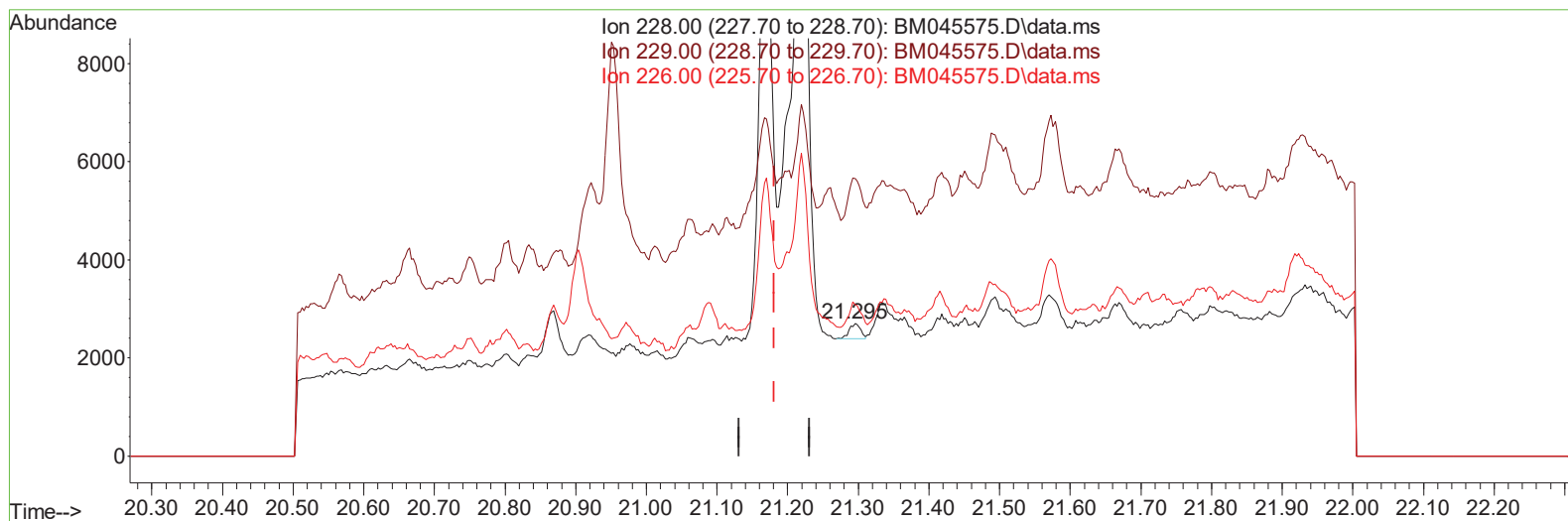
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045575.D
Acq On : 25 Apr 2024 22:47
Operator : MA/JU
Sample : P2037-24RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9RE

Manual IntegrationsAPPROVED

Quant Time: Apr 25 23:23:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
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Supervised By :mohammad ahmed 04/27/2024



TIC: BM045575.D\data.ms

(21) Benzo(a)anthracene

21.295min (+ 0.114) 0.02 ng/u1

response 367

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	24.30	209.25#
226.00	32.90	113.65#
0.00	0.00	0.00

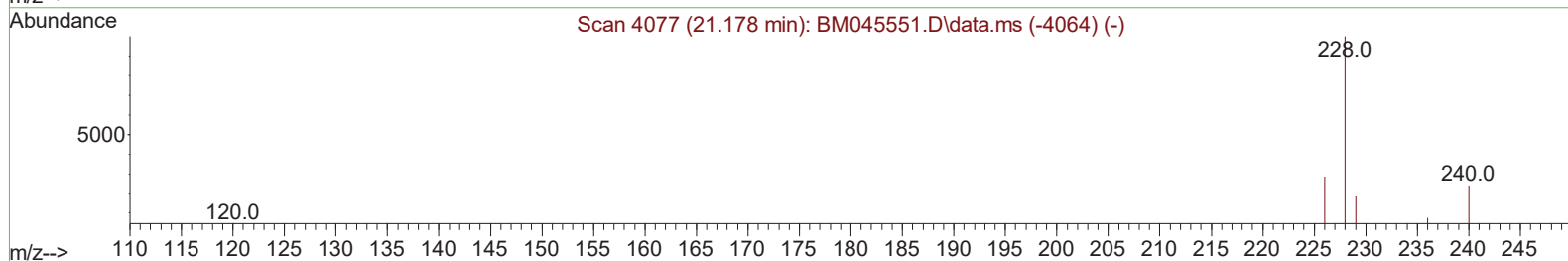
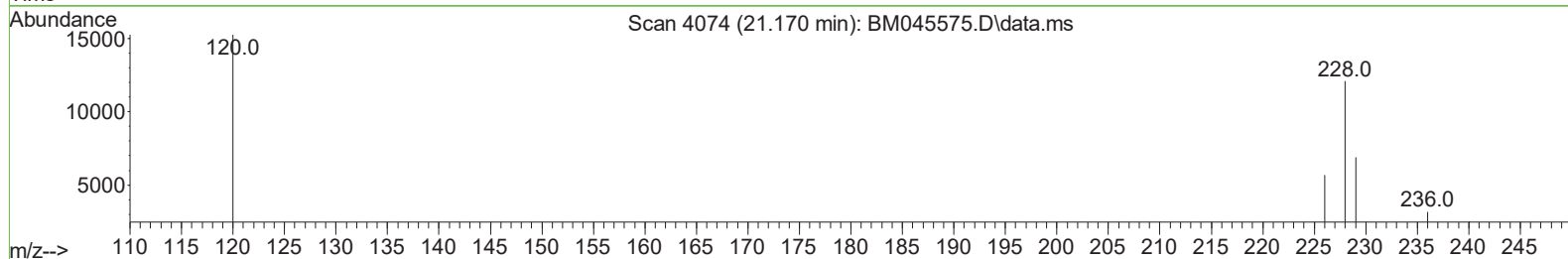
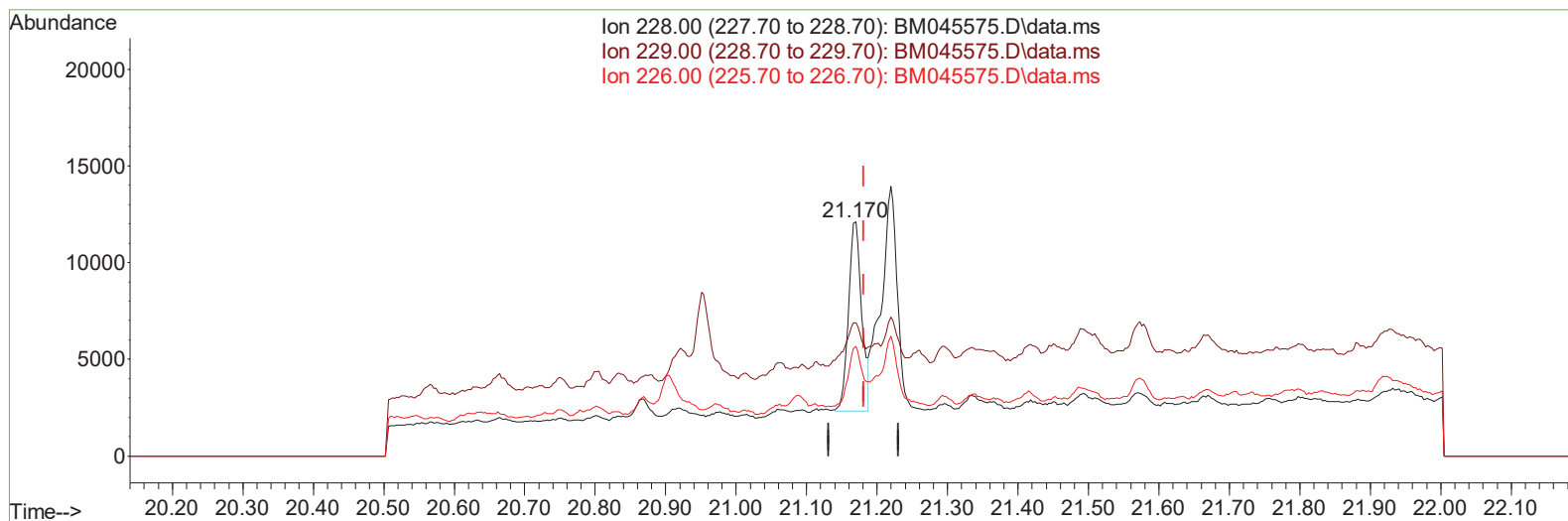
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045575.D
Acq On : 25 Apr 2024 22:47
Operator : MA/JU
Sample : P2037-24RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9RE

Manual IntegrationsAPPROVED

Quant Time: Apr 25 23:23:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BM045575.D\data.ms

(21) Benzo(a)anthracene

21.170min (-0.012) 0.86 ng/u1 m

response 12754

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	24.30	56.79#
226.00	32.90	46.83#
0.00	0.00	0.00

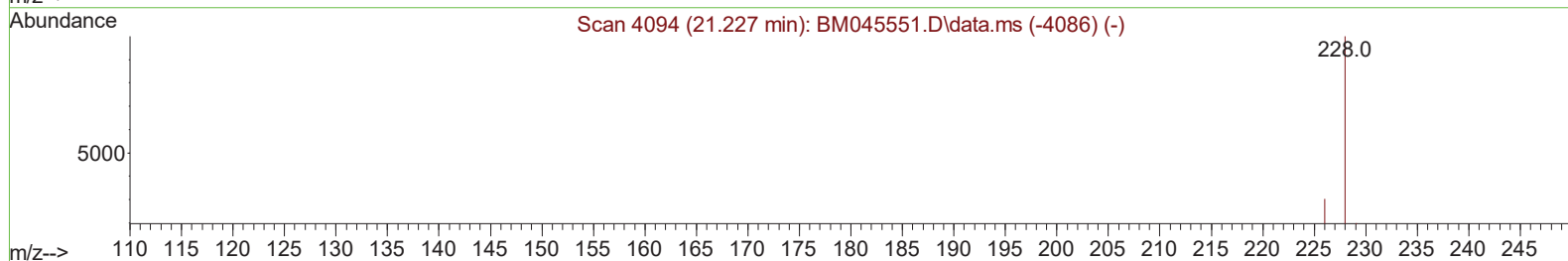
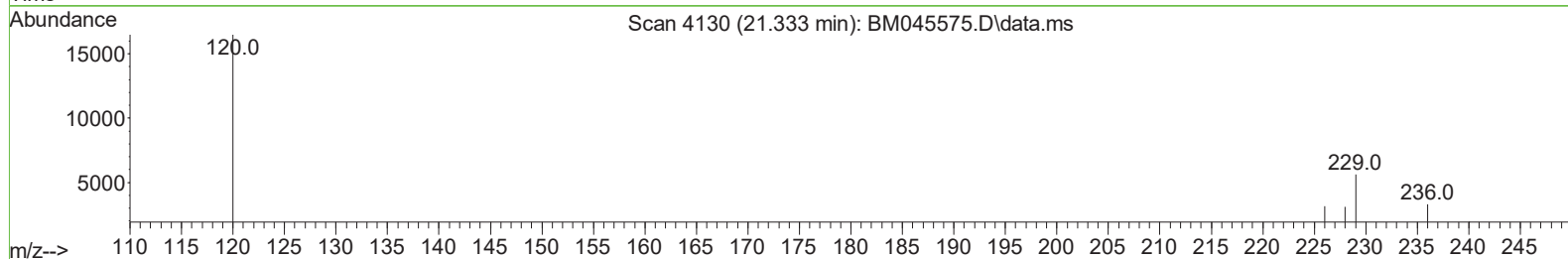
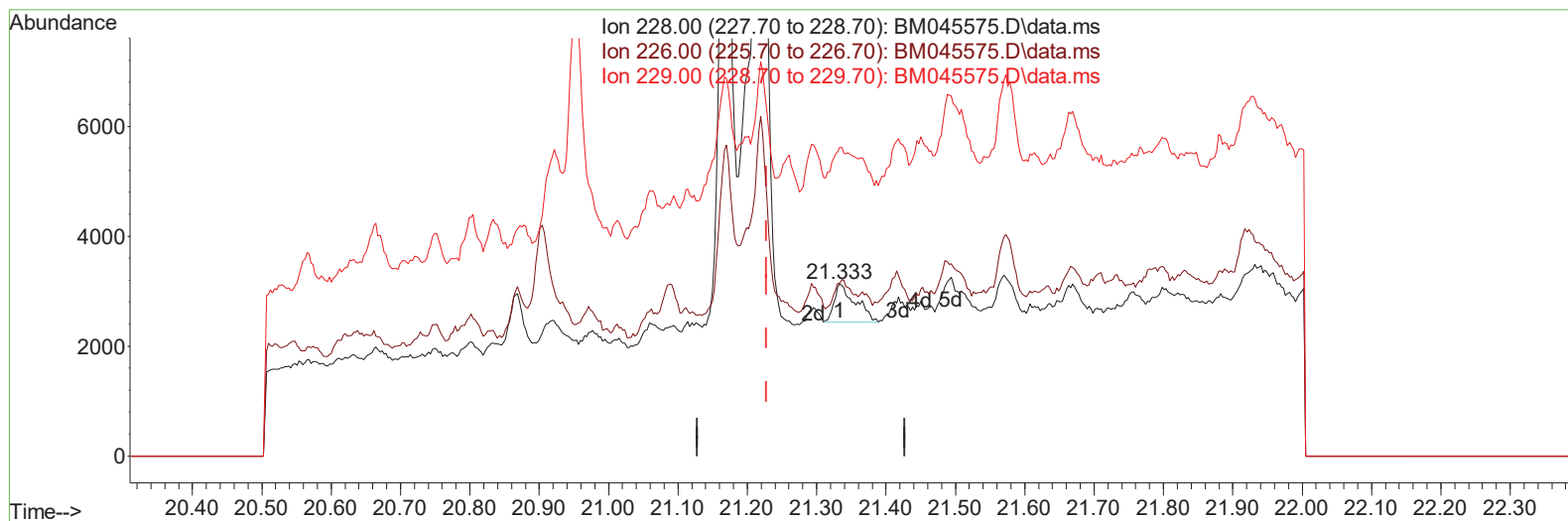
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045575.D
Acq On : 25 Apr 2024 22:47
Operator : MA/JU
Sample : P2037-24RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9RE

Manual IntegrationsAPPROVED

Quant Time: Apr 25 23:23:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BM045575.D\data.ms

(22) Chrysene

21.333min (+ 0.105) 0.07 ng/u1

response 1500

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	32.90	100.19#
229.00	22.30	179.39#
0.00	0.00	0.00

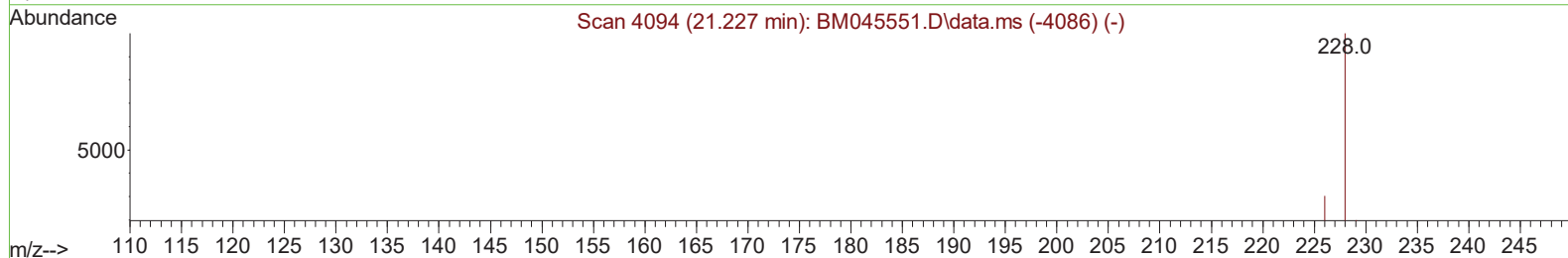
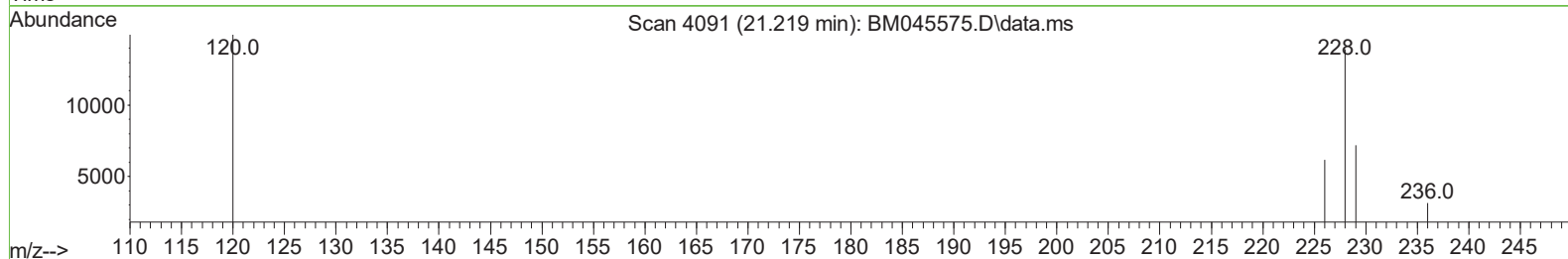
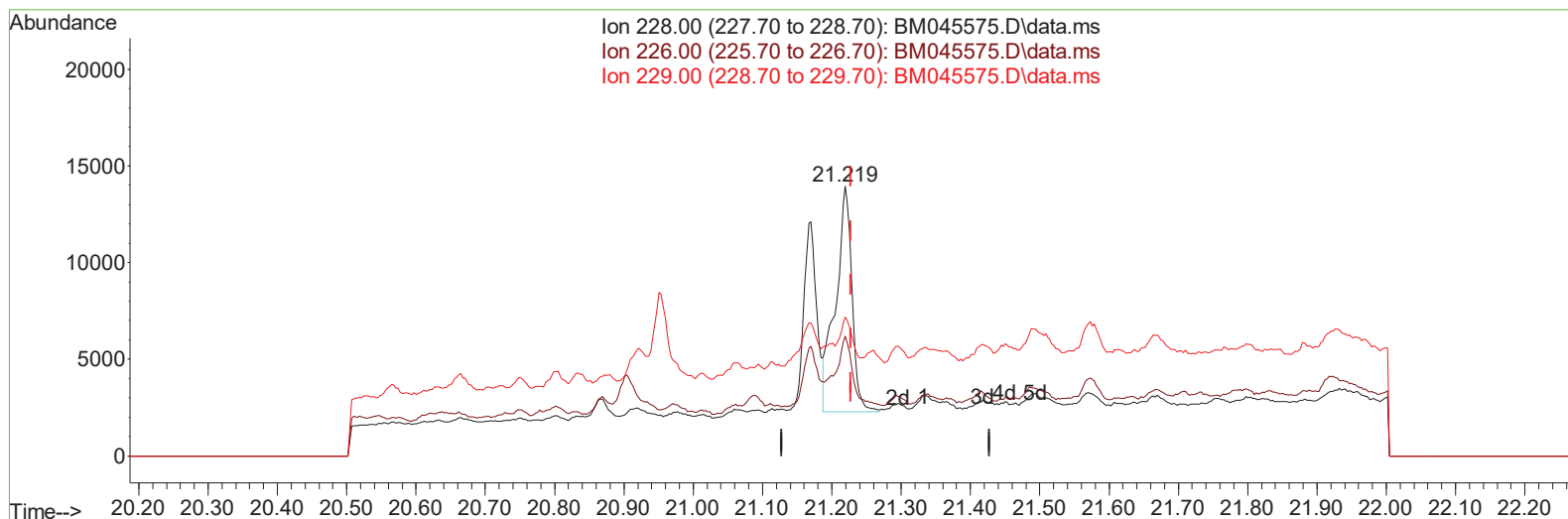
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045575.D
Acq On : 25 Apr 2024 22:47
Operator : MA/JU
Sample : P2037-24RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9RE

Manual IntegrationsAPPROVED

Quant Time: Apr 25 23:23:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BM045575.D\data.ms

(22) Chrysene

21.219min (-0.009) 0.84 ng/ul m

response 19211

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	32.90	44.34#
229.00	22.30	51.51#
0.00	0.00	0.00

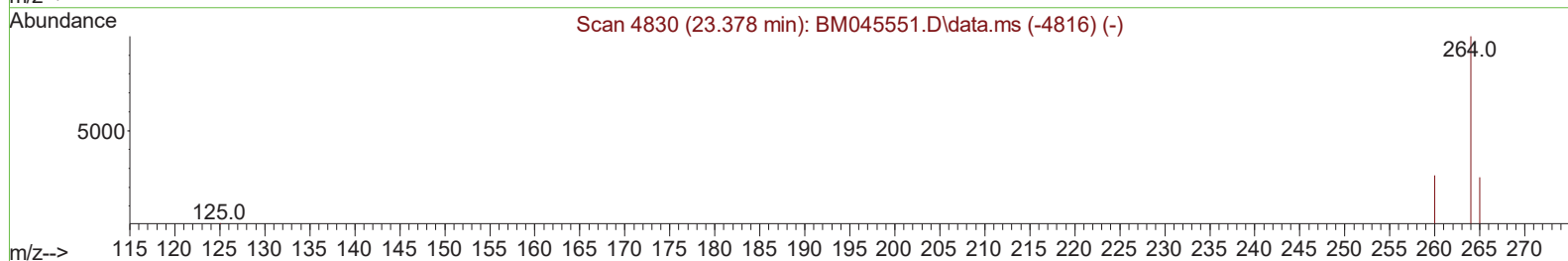
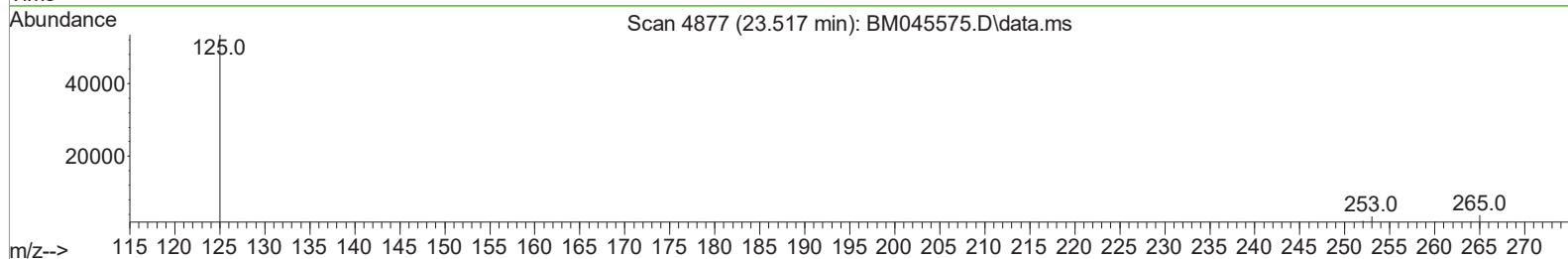
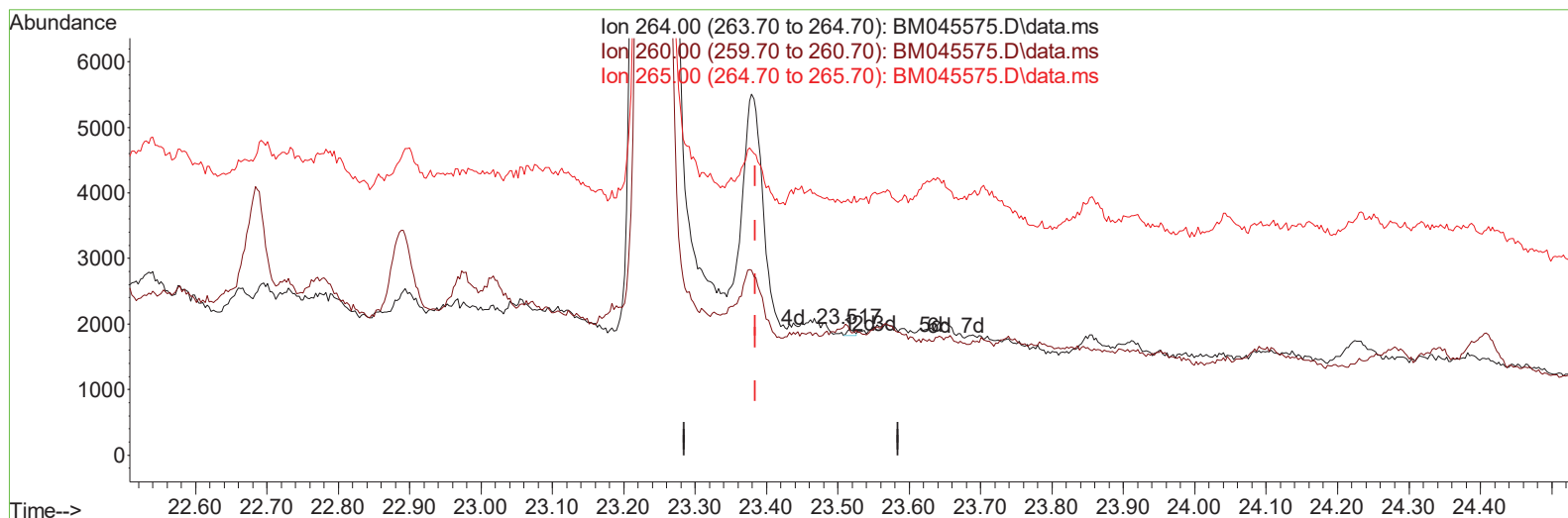
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045575.D
Acq On : 25 Apr 2024 22:47
Operator : MA/JU
Sample : P2037-24RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9RE

Manual IntegrationsAPPROVED

Quant Time: Apr 25 23:23:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BM045575.D\data.ms

(23) Perylene-d12 (I)

23.517min (+ 0.132) 0.40 ng/u1

response 62

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	98.75#
265.00	86.70	200.78#
0.00	0.00	0.00

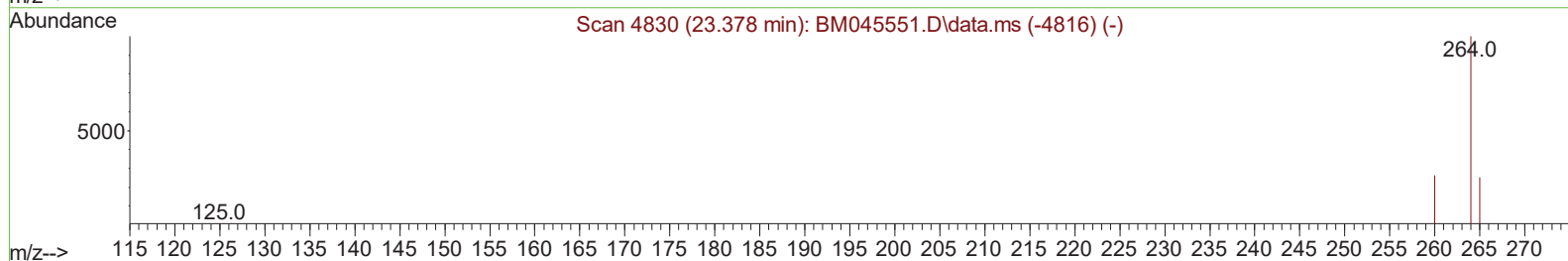
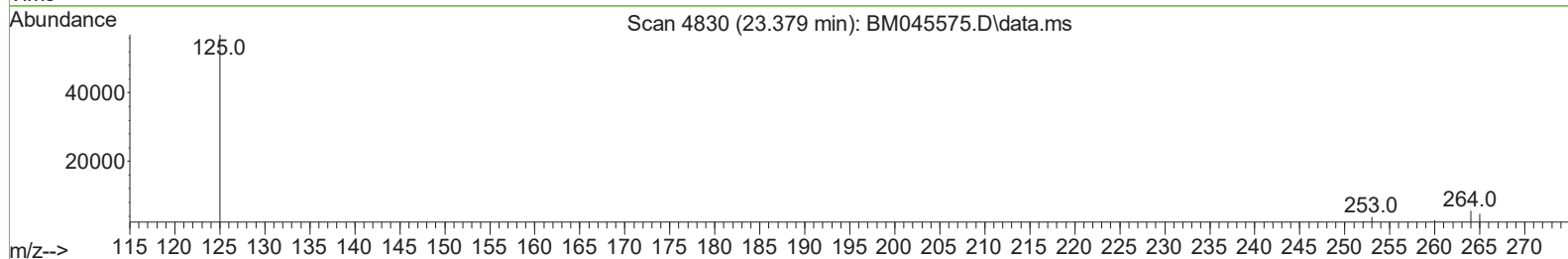
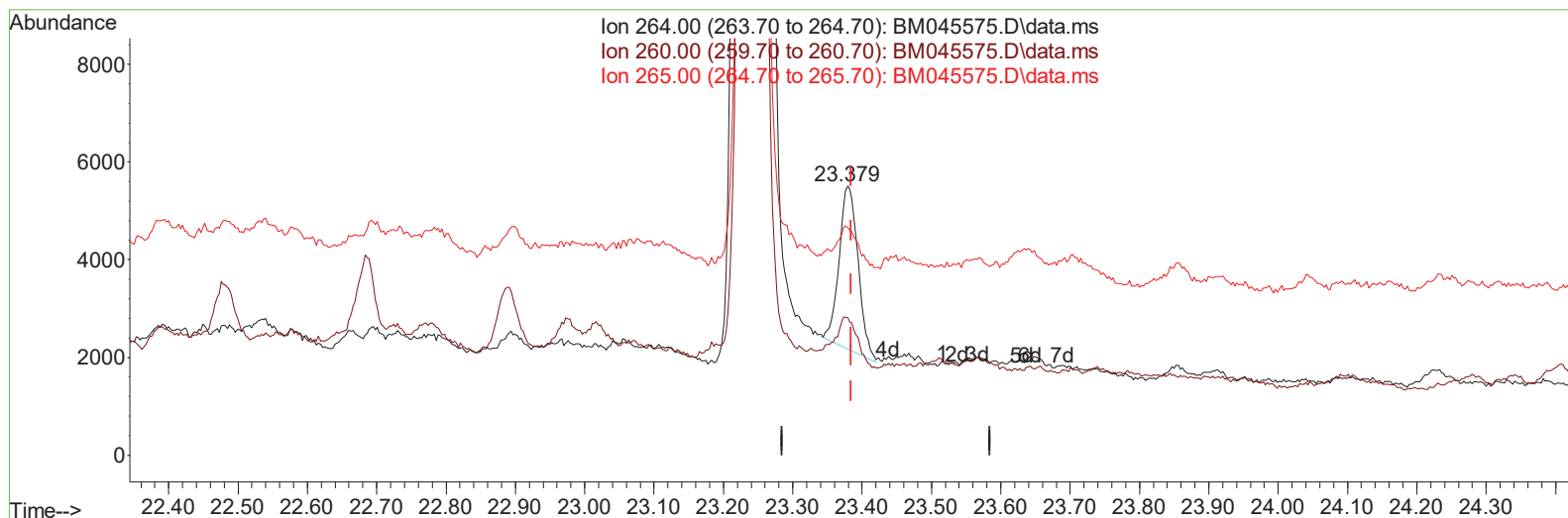
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045575.D
Acq On : 25 Apr 2024 22:47
Operator : MA/JU
Sample : P2037-24RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9RE

Manual IntegrationsAPPROVED

Quant Time: Apr 25 23:23:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BM045575.D\data.ms

(23) Perylene-d12 (I)

23.379min (-0.006) 0.40 ng/ul m

response 6281

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	51.17#
265.00	86.70	84.49
0.00	0.00	0.00

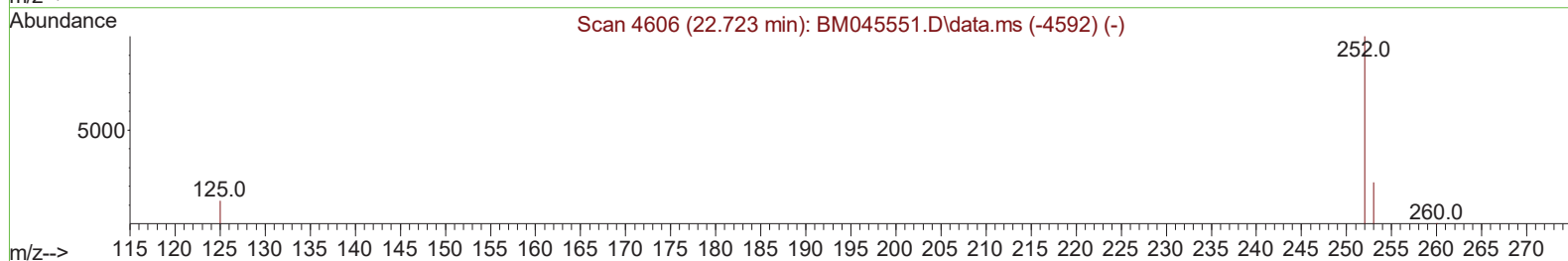
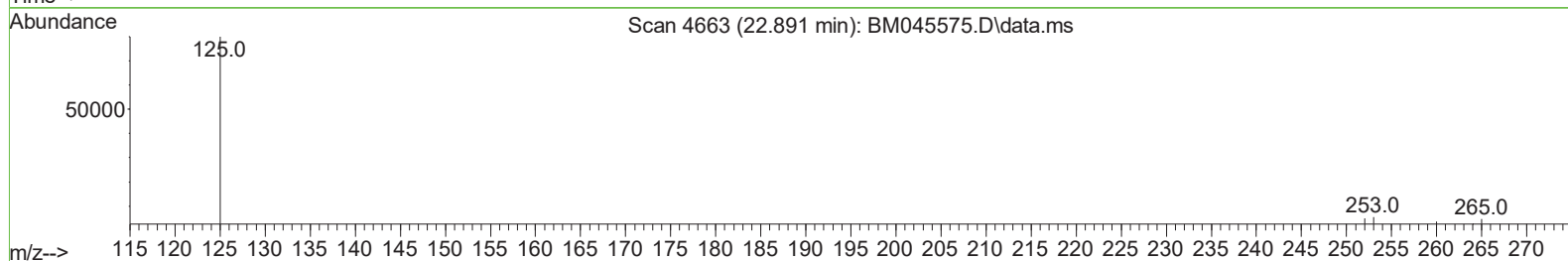
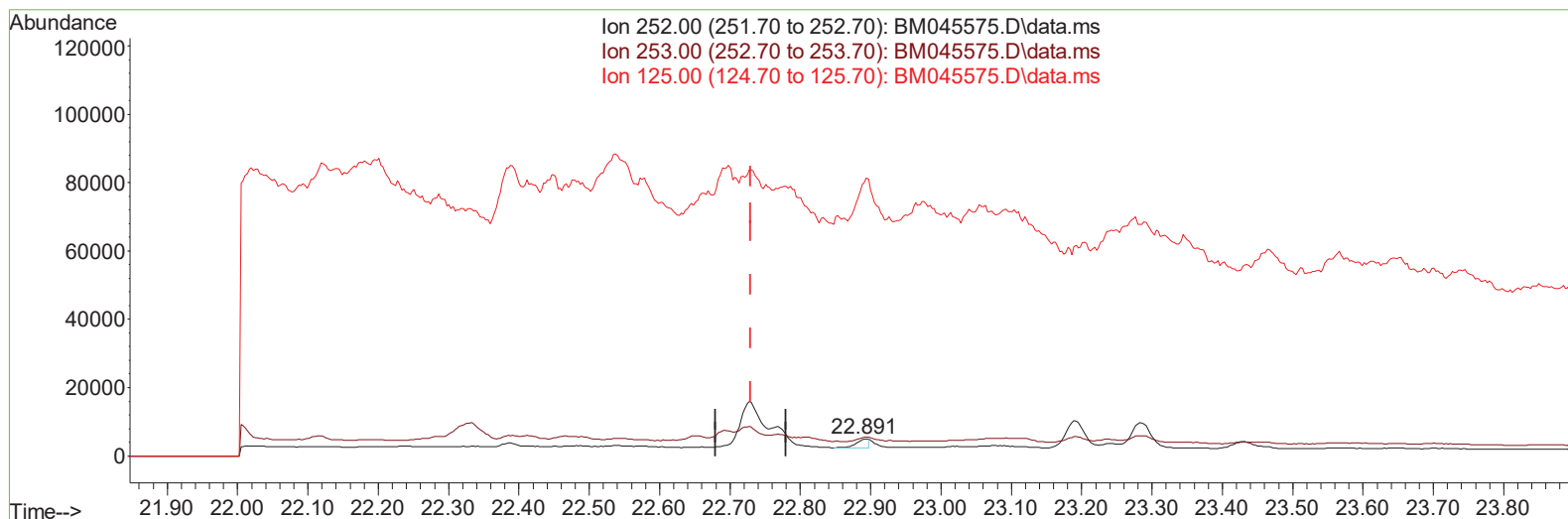
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045575.D
Acq On : 25 Apr 2024 22:47
Operator : MA/JU
Sample : P2037-24RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9RE

Manual IntegrationsAPPROVED

Quant Time: Apr 25 23:23:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
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Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BM045575.D\data.ms

(24) Benzo(b)fluoranthene

22.891min (+ 0.161) 0.14 ng/u1

response 3023

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	111.21#
125.00	18.40	1614.51#
0.00	0.00	0.00

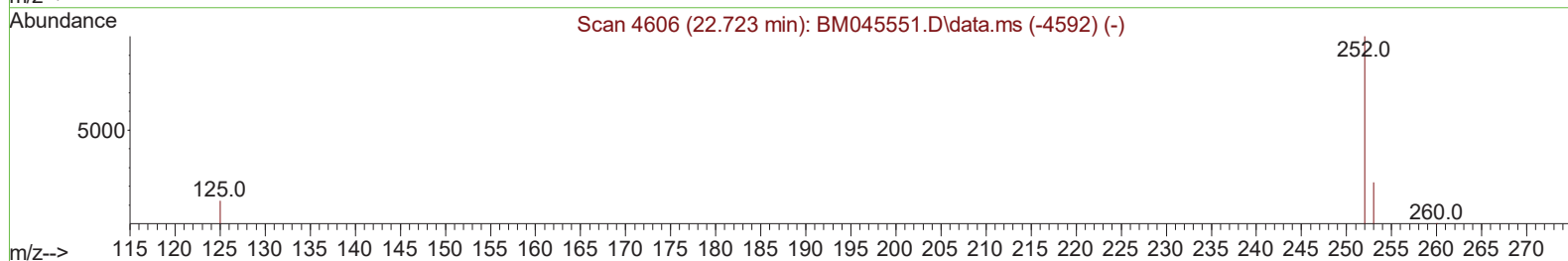
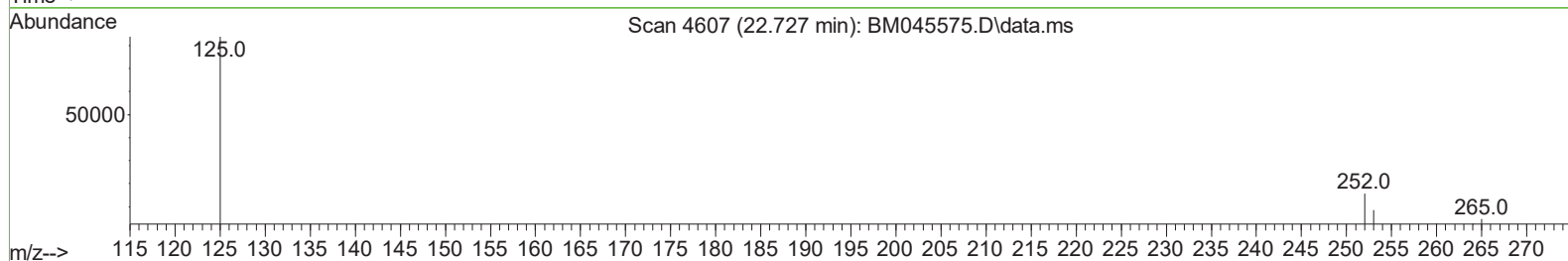
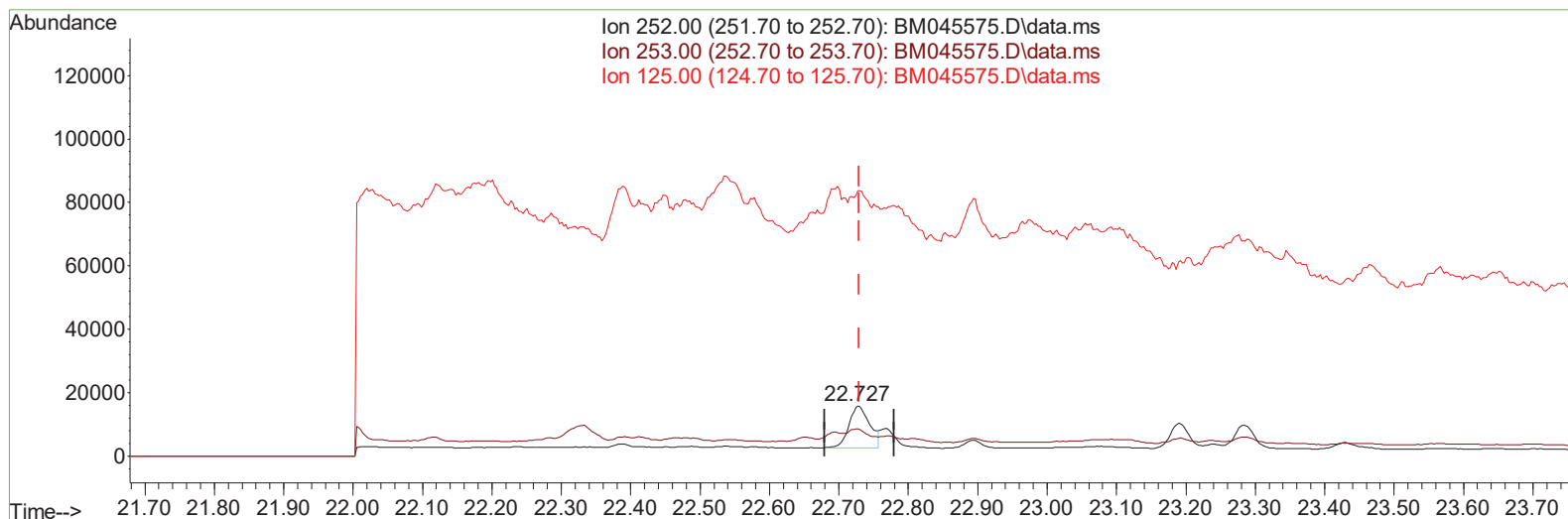
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045575.D
Acq On : 25 Apr 2024 22:47
Operator : MA/JU
Sample : P2037-24RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9RE

Manual IntegrationsAPPROVED

Quant Time: Apr 25 23:23:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BM045575.D\data.ms

(24) Benzo(b)fluoranthene

22.727min (-0.003) 1.33 ng/u1 m

response 28186

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	54.34
125.00	18.40	528.64#
0.00	0.00	0.00

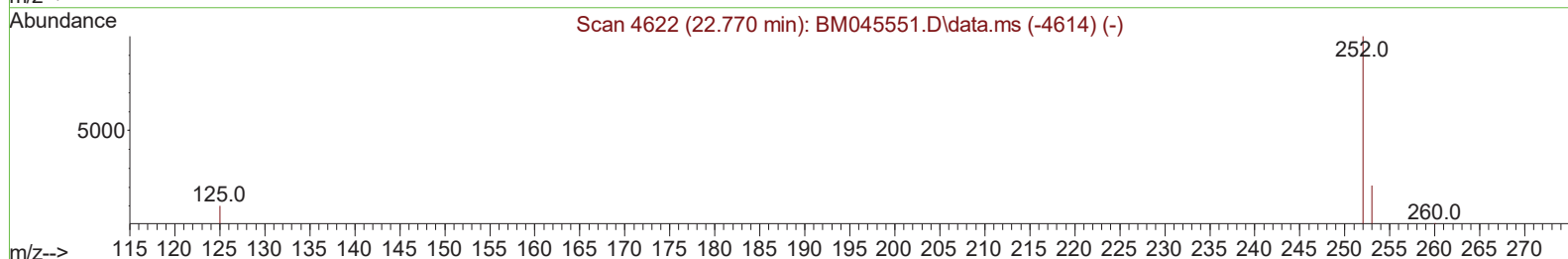
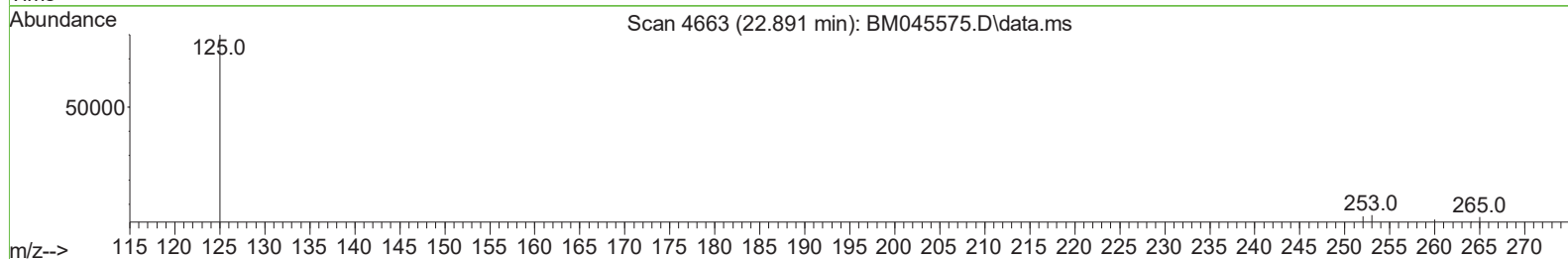
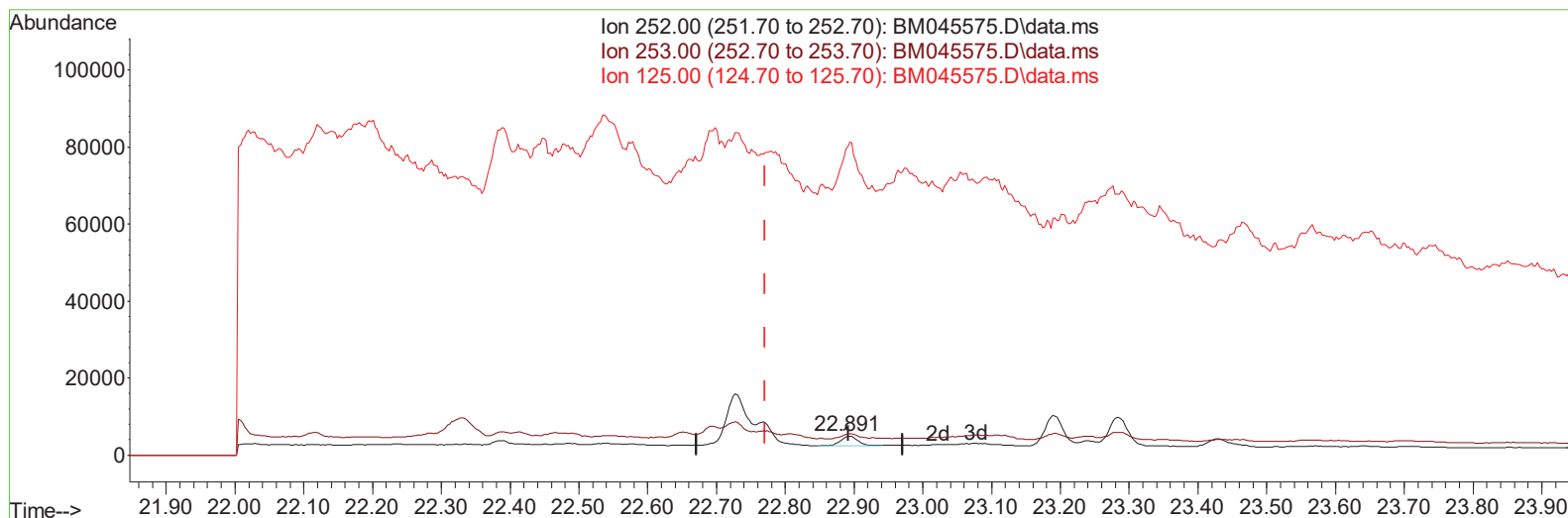
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045575.D
Acq On : 25 Apr 2024 22:47
Operator : MA/JU
Sample : P2037-24RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9RE

Manual IntegrationsAPPROVED

Quant Time: Apr 25 23:23:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BM045575.D\data.ms

(25) Benzo(k)fluoranthene

22.891min (+ 0.120) 0.17 ng/u1

response 4589

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	111.21#
125.00	18.50	1614.51#
0.00	0.00	0.00

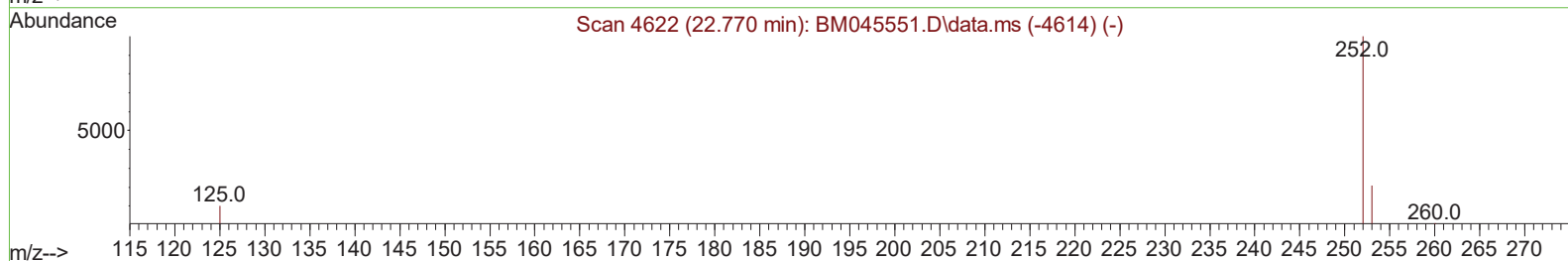
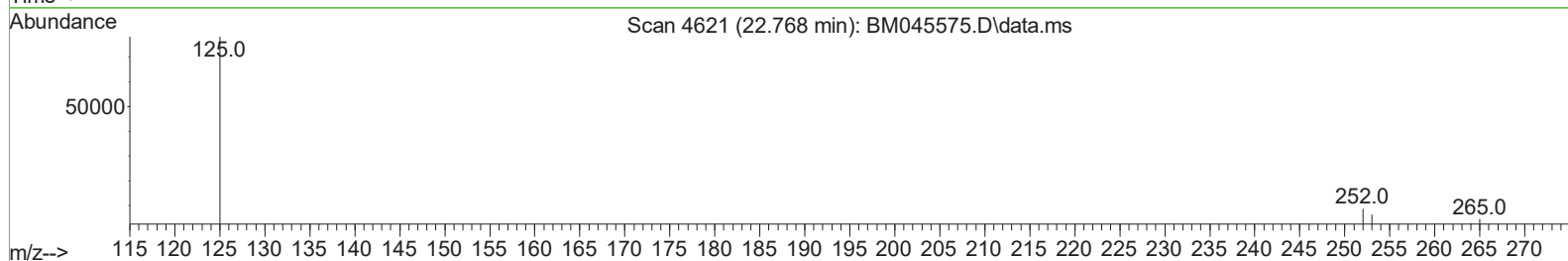
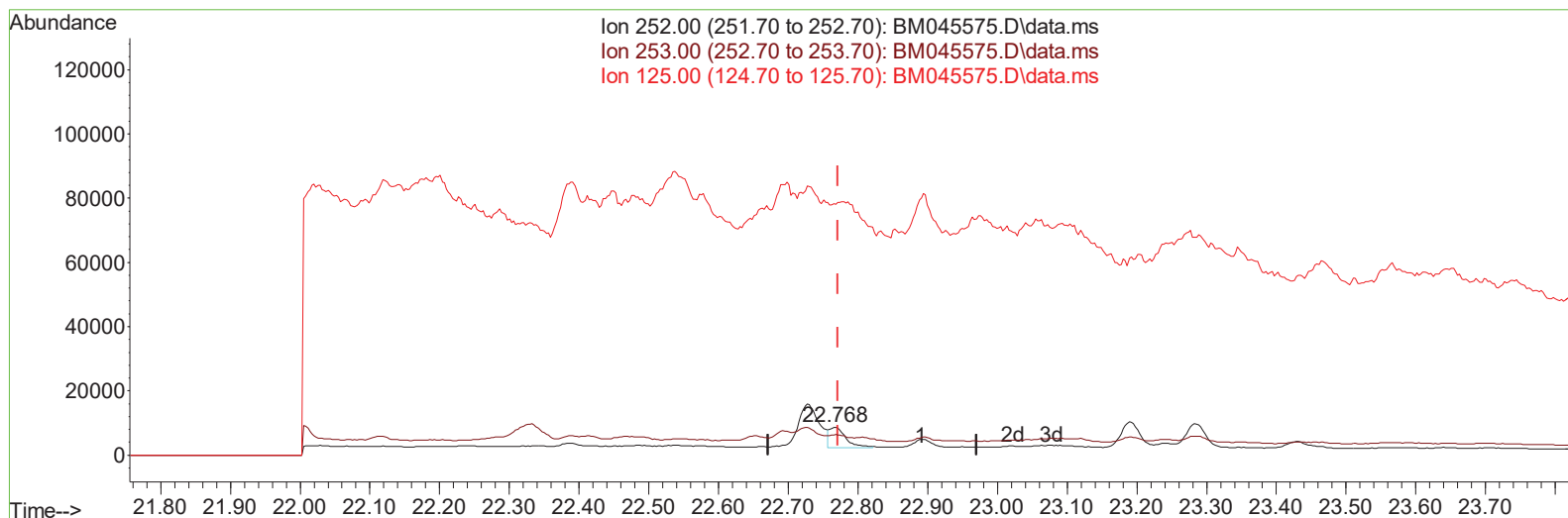
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045575.D
Acq On : 25 Apr 2024 22:47
Operator : MA/JU
Sample : P2037-24RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9RE

Manual IntegrationsAPPROVED

Quant Time: Apr 25 23:23:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
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Supervised By :mohammad ahmed 04/27/2024



TIC: BM045575.D\data.ms

(25) Benzo(k)fluoranthene

22.768min (-0.003) 0.39 ng/u1 m

response 10515

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	74.10#
125.00	18.50	902.66#
0.00	0.00	0.00

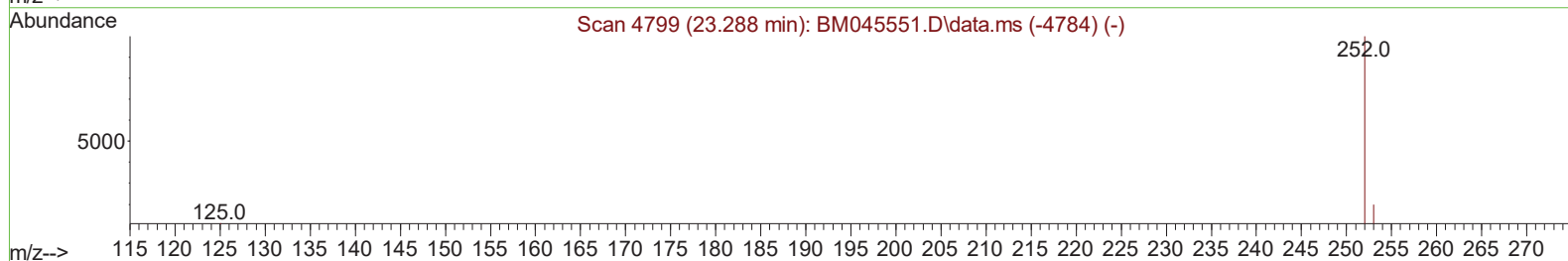
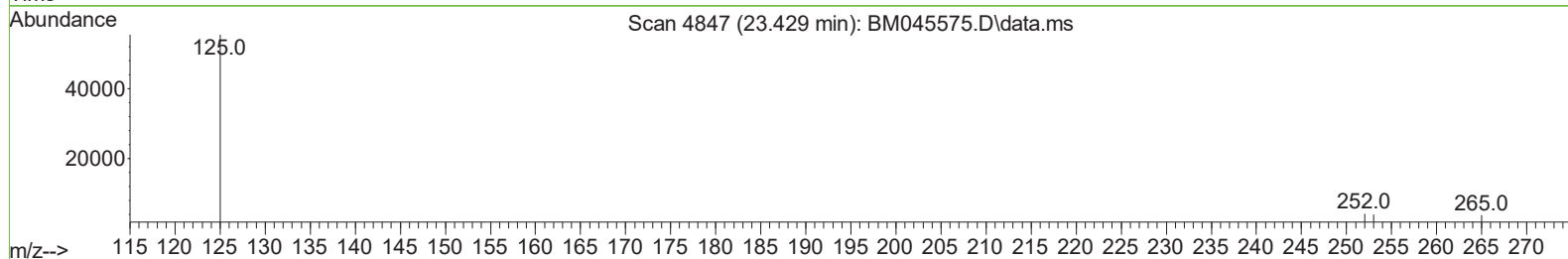
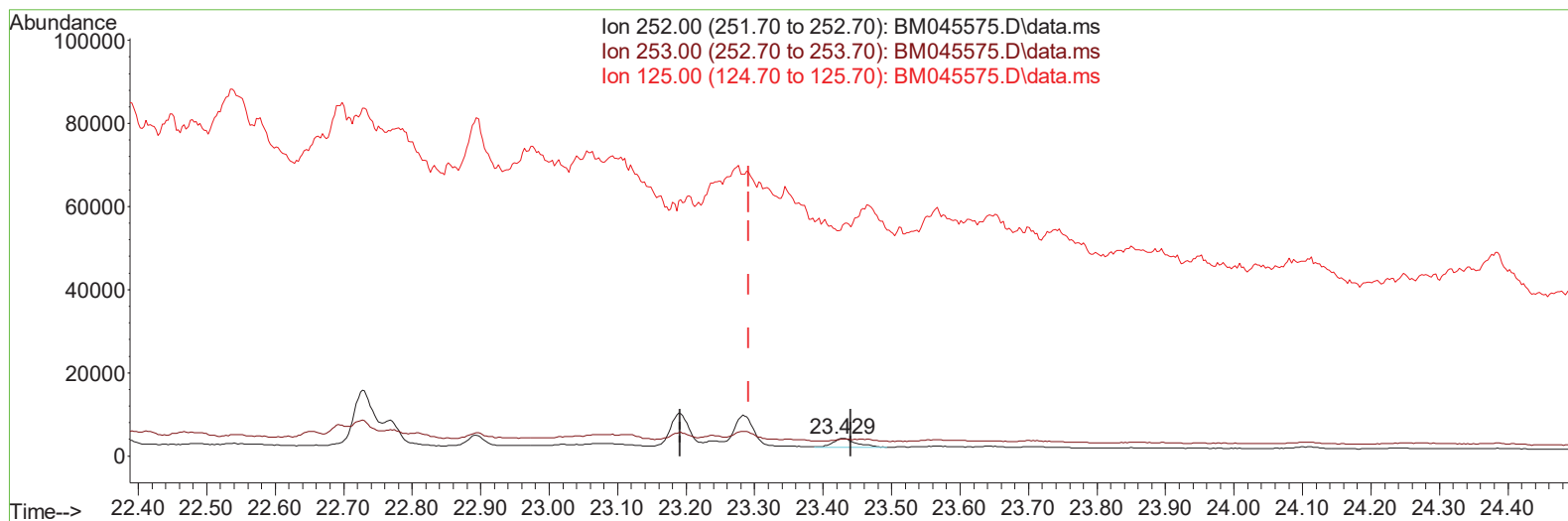
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045575.D
Acq On : 25 Apr 2024 22:47
Operator : MA/JU
Sample : P2037-24RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9RE

Manual IntegrationsAPPROVED

Quant Time: Apr 25 23:23:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
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Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BM045575.D\data.ms

(26) Benzo(a)pyrene (C)

23.429min (+ 0.137) 0.24 ng/u1

response 5233

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	39.50	94.30#
125.00	24.40	1307.28#
0.00	0.00	0.00

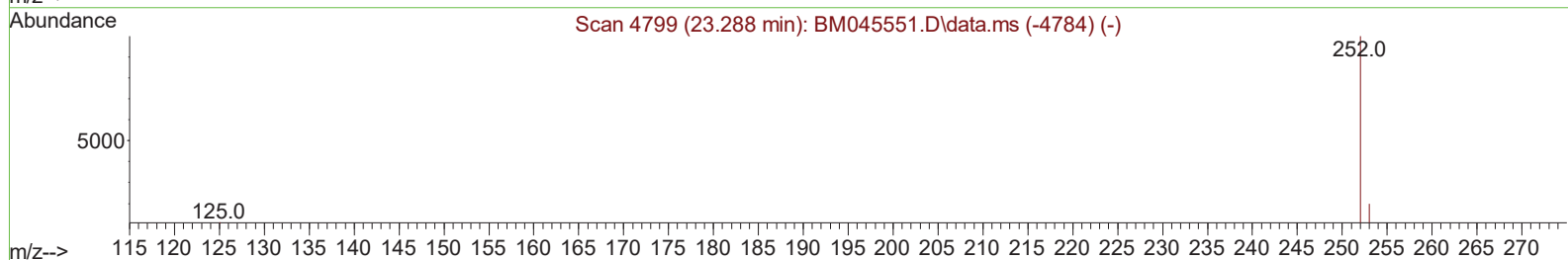
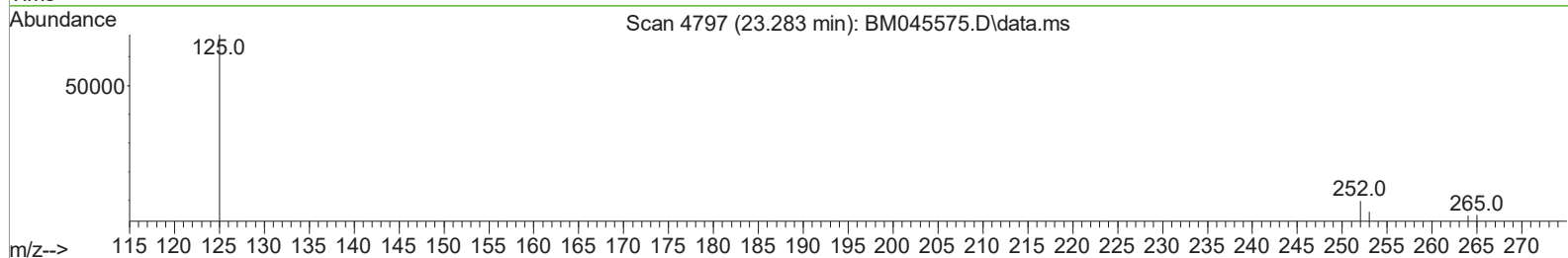
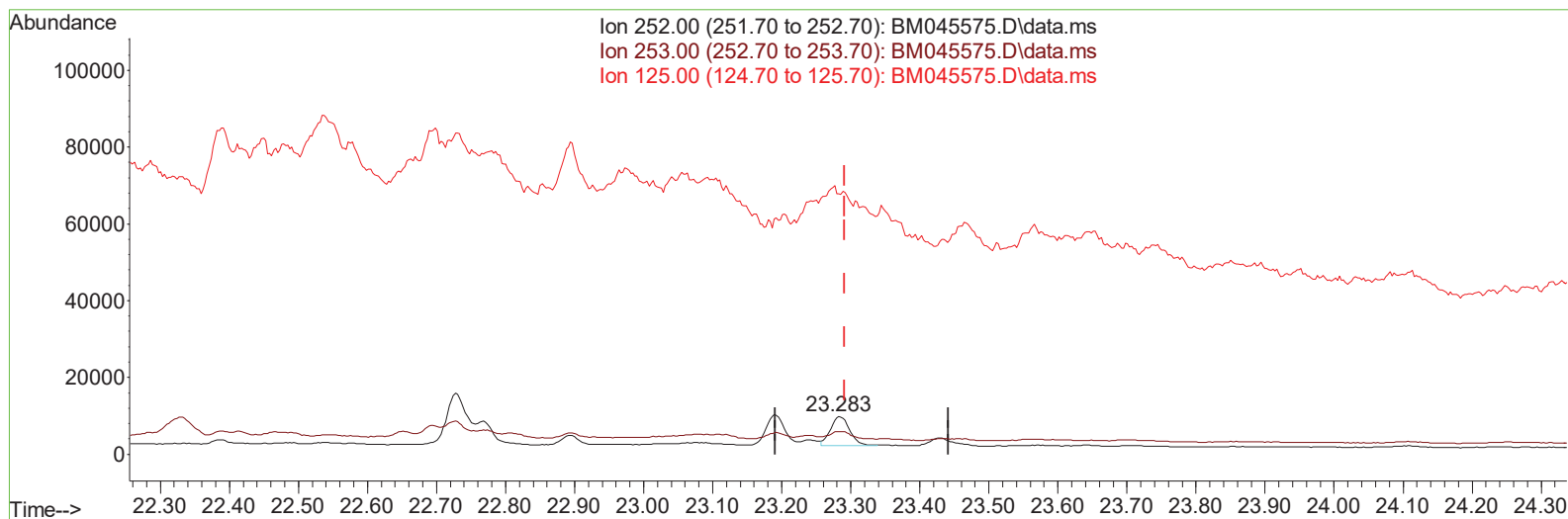
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045575.D
Acq On : 25 Apr 2024 22:47
Operator : MA/JU
Sample : P2037-24RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9RE

Manual IntegrationsAPPROVED

Quant Time: Apr 25 23:23:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
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Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BM045575.D\data.ms

(26) Benzo(a)pyrene (C)

23.283min (-0.009) 0.67 ng/u1 m

response 14717

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	39.50	60.34#
125.00	24.40	688.99#
0.00	0.00	0.00

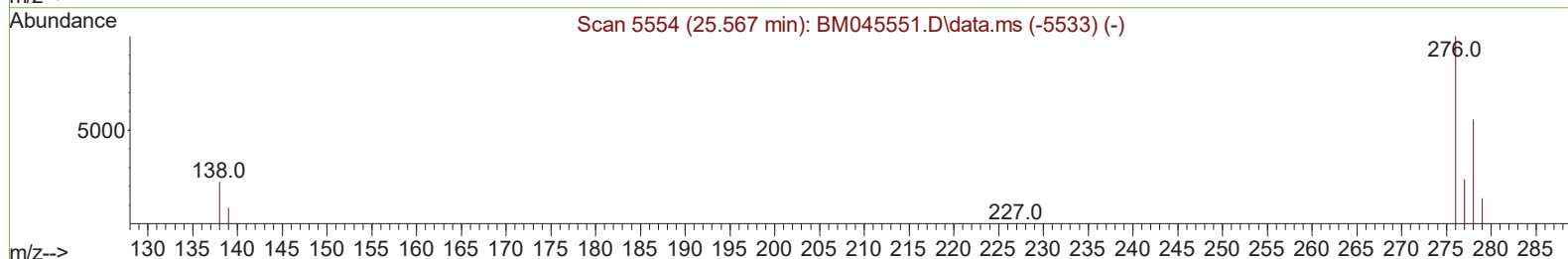
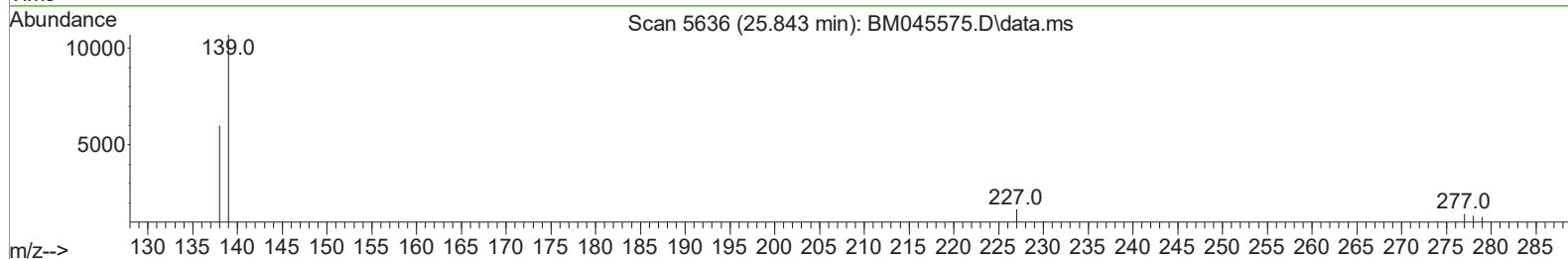
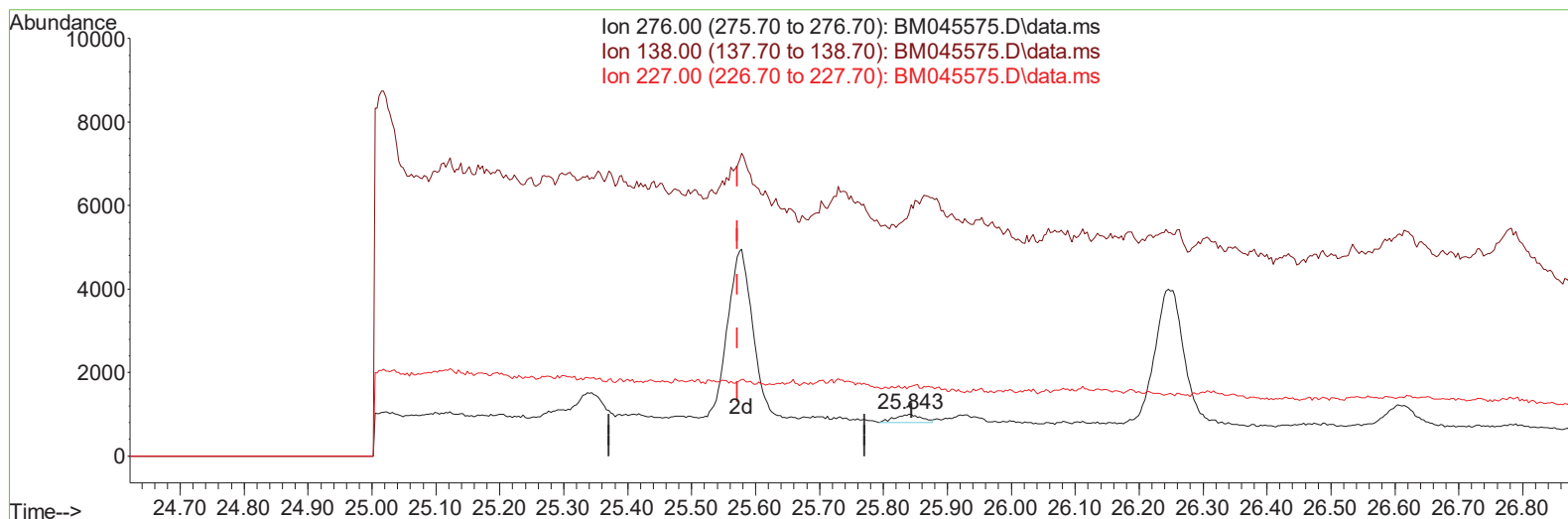
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045575.D
Acq On : 25 Apr 2024 22:47
Operator : MA/JU
Sample : P2037-24RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9RE

Manual IntegrationsAPPROVED

Quant Time: Apr 25 23:23:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
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Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BM045575.D\data.ms

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

25.843min (+ 0.272) 0.02 ng/u1

response 532

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	0.00#
227.00	0.20	24.25#
0.00	0.00	0.00

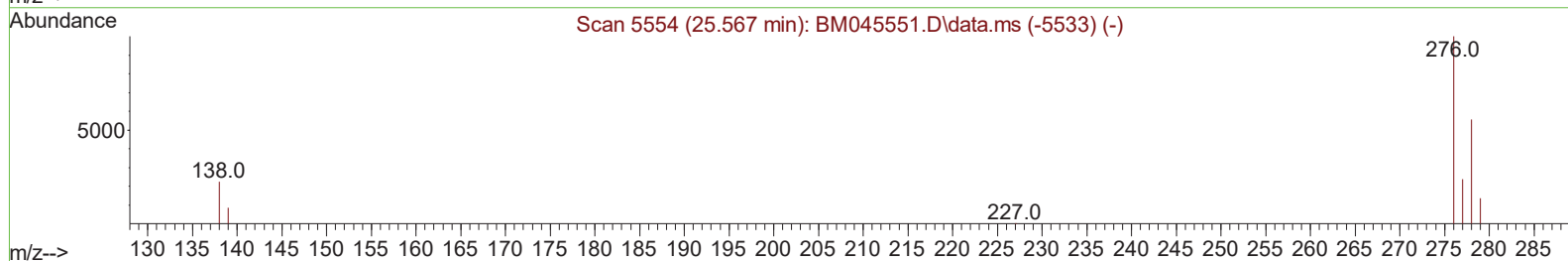
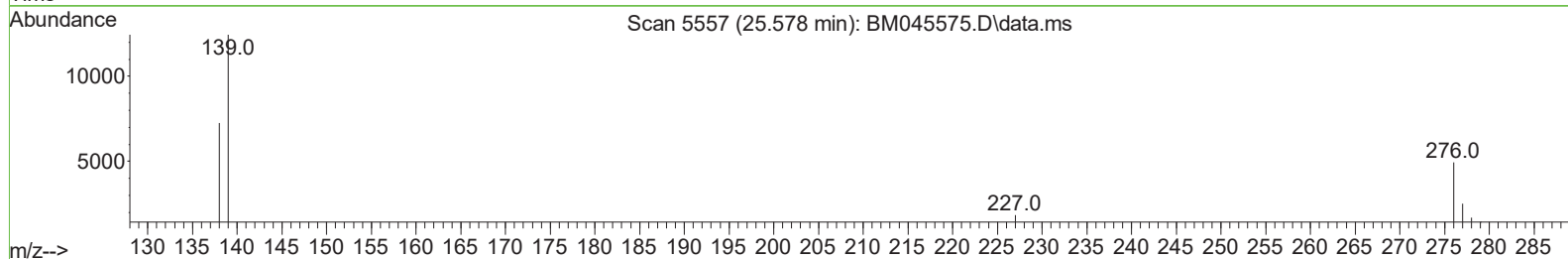
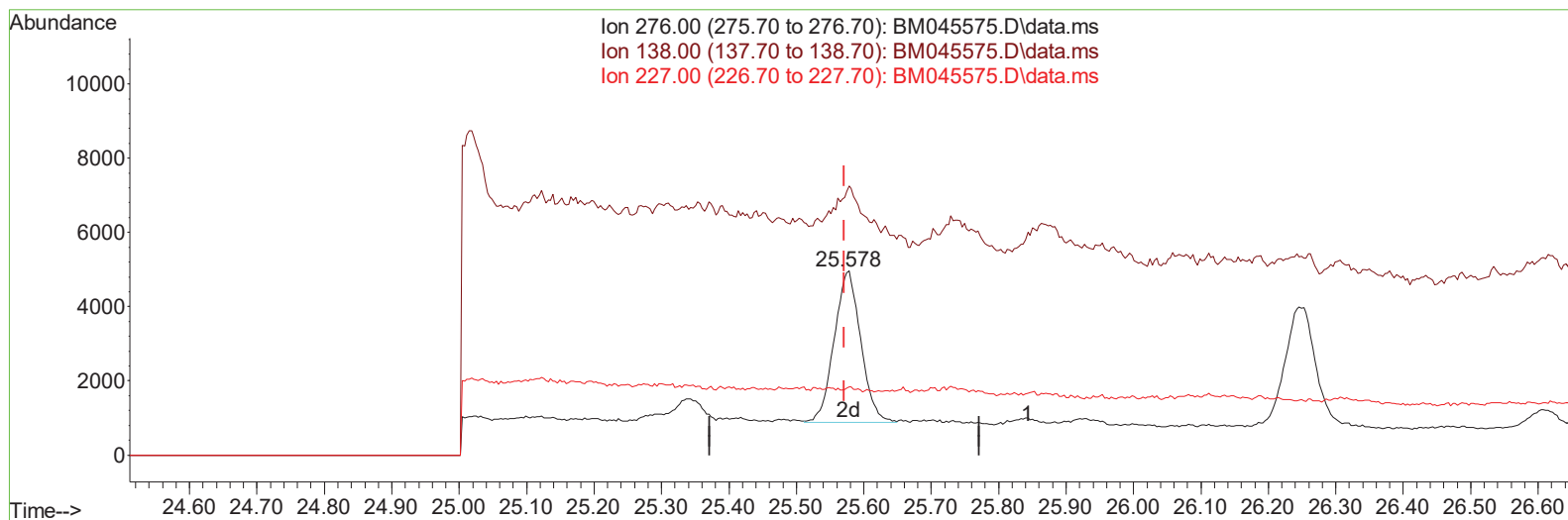
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045575.D
Acq On : 25 Apr 2024 22:47
Operator : MA/JU
Sample : P2037-24RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9RE

Manual IntegrationsAPPROVED

Quant Time: Apr 25 23:23:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
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Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BM045575.D\data.ms

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

25.578min (+ 0.007) 0.35 ng/ul m

response 11169

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	0.00#
227.00	0.20	1.15#
0.00	0.00	0.00

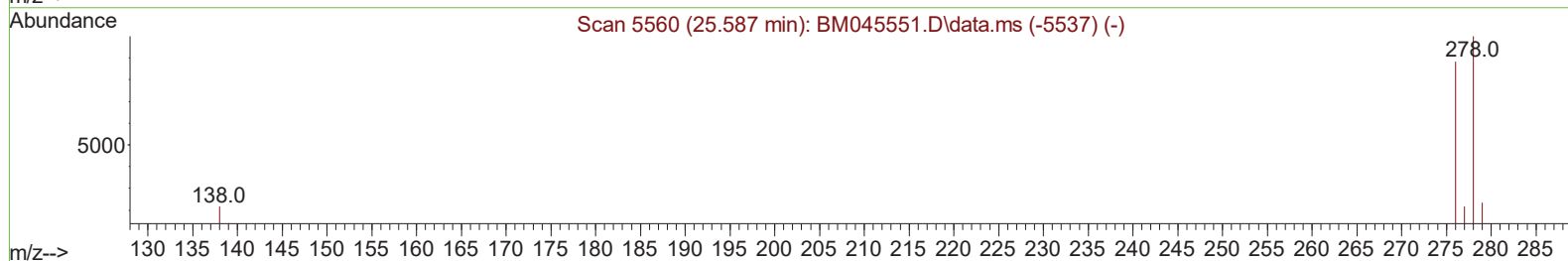
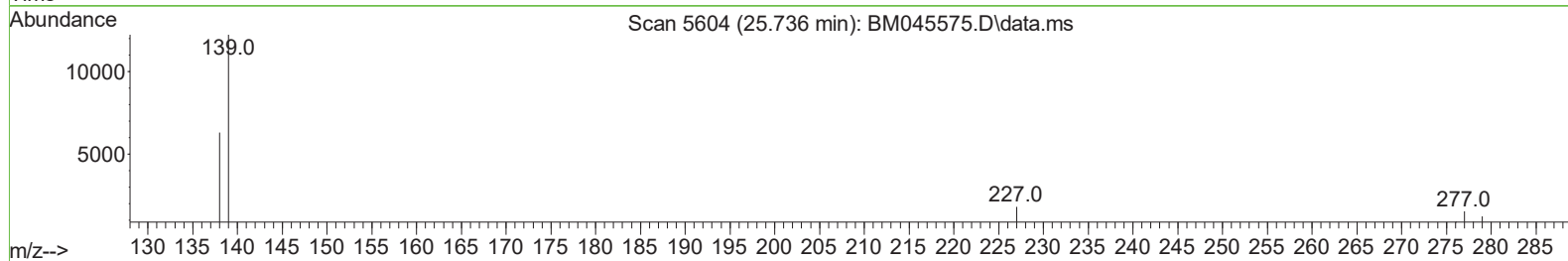
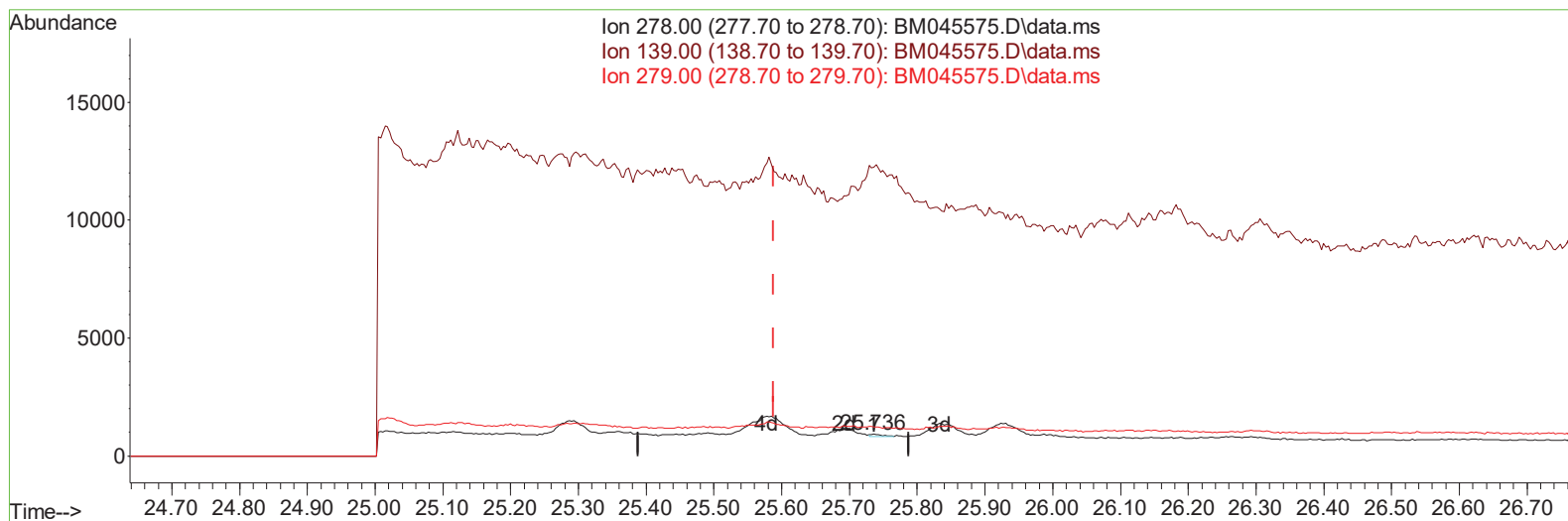
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045575.D
Acq On : 25 Apr 2024 22:47
Operator : MA/JU
Sample : P2037-24RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9RE

Manual IntegrationsAPPROVED

Quant Time: Apr 25 23:23:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BM045575.D\data.ms

(28) Dibenzo(a,h)anthracene

25.736min (+ 0.148) 0.00 ng/u1

response 84

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	23.80	1320.28#
279.00	36.80	133.66#
0.00	0.00	0.00

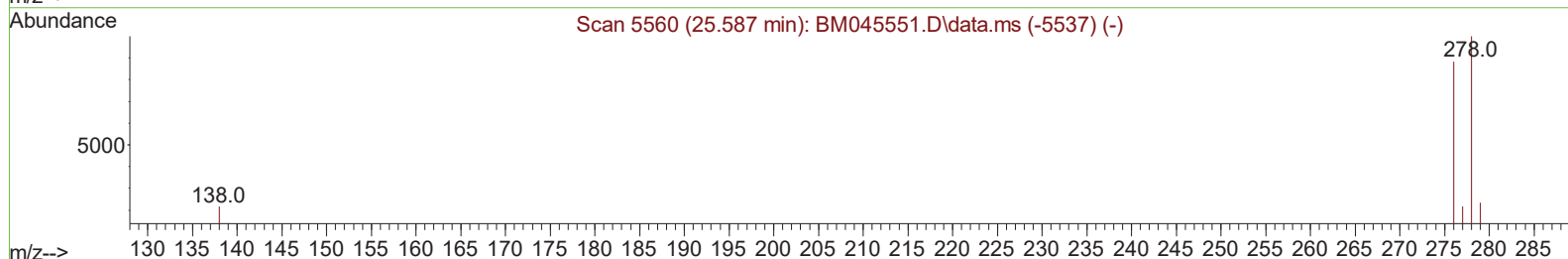
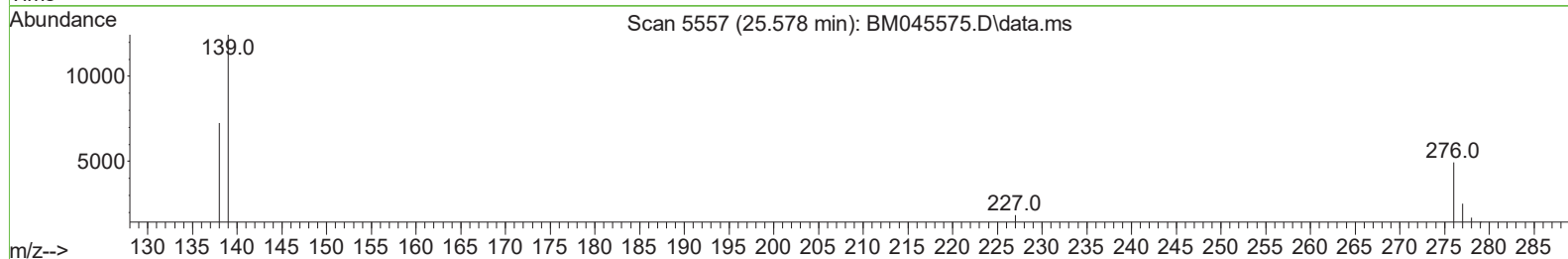
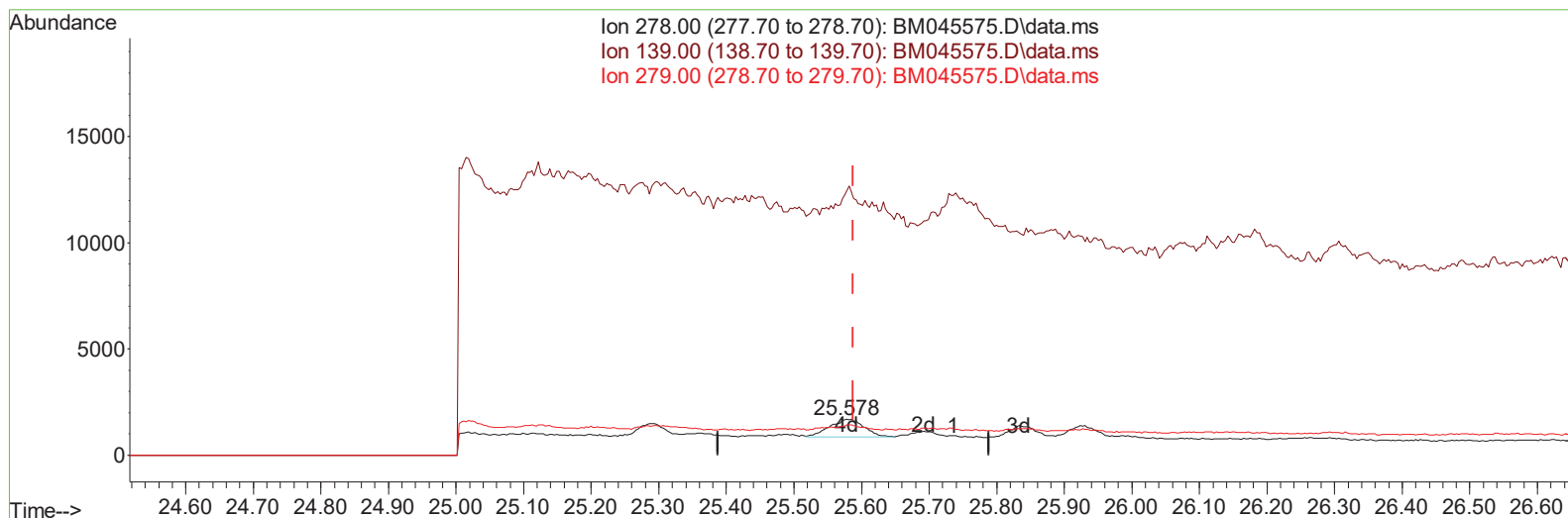
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045575.D
Acq On : 25 Apr 2024 22:47
Operator : MA/JU
Sample : P2037-24RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX9RE

Manual IntegrationsAPPROVED

Quant Time: Apr 25 23:23:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BM045575.D\data.ms

(28) Dibenzo(a,h)anthracene

25.578min (-0.010) 0.12 ng/ul m

response 3002

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	23.80	738.66#
279.00	36.80	85.21#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
 Data File : BM045575.D
 Acq On : 25 Apr 2024 22:47
 Operator : MA/JU
 Sample : P2037-24RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CX9RE

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 25 23:23:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:17:39 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.547	152	1170	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.314	136	3102	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.196	164	1676	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.963	188	3710m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.181	240	4633m	0.400	ng/ul	-0.01
23) Perylene-d12	23.379	264	6281m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	5624	3.586	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.914	152	1119	0.274	ng/ul	-0.02
18) Fluoranthene-d10	19.006	212	3157m	0.216	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.363	128	7083	0.850	ng/ul#	89
7) 2-Methylnaphthalene	11.991	142	1456	0.306	ng/ul	93
8) 1-Methylnaphthalene	12.211	142	1192	0.223	ng/ul	93
10) Acenaphthylene	13.913	152	1646	0.199	ng/ul#	29
11) Acenaphthene	14.260	153	823	0.134	ng/ul#	85
12) Fluorene	15.260	166	811	0.124	ng/ul#	44
15) Phenanthrene	17.005	178	18816m	1.741	ng/ul	
16) Anthracene	17.098	178	2042m	0.202	ng/ul	
19) Fluoranthene	19.038	202	29183m	1.365	ng/ul	
20) Pyrene	19.405	202	33218	1.512	ng/ul	99
21) Benzo(a)anthracene	21.170	228	12754m	0.861	ng/ul	
22) Chrysene	21.219	228	19211m	0.844	ng/ul	
24) Benzo(b)fluoranthene	22.727	252	28186m	1.334	ng/ul	
25) Benzo(k)fluoranthene	22.768	252	10515m	0.394	ng/ul	
26) Benzo(a)pyrene	23.283	252	14717m	0.672	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.578	276	11169m	0.351	ng/ul	
29) Benzo(g,h,i)perylene	26.246	276	10677	0.373	ng/ul#	1

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

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