

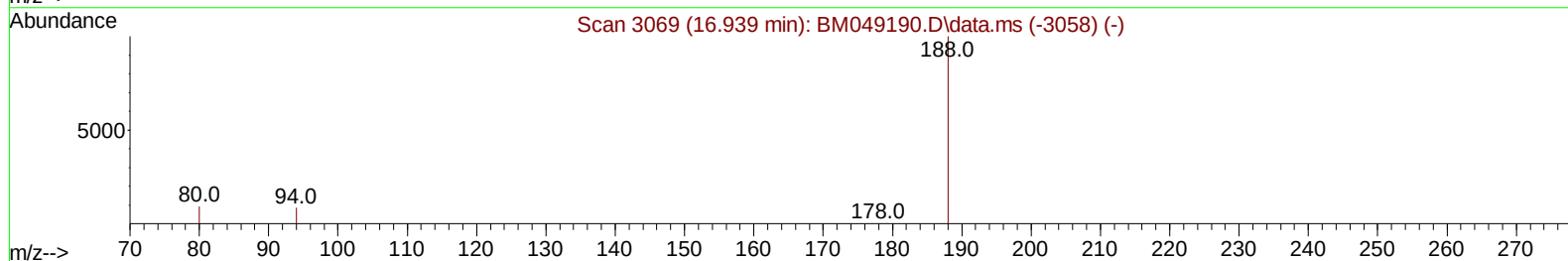
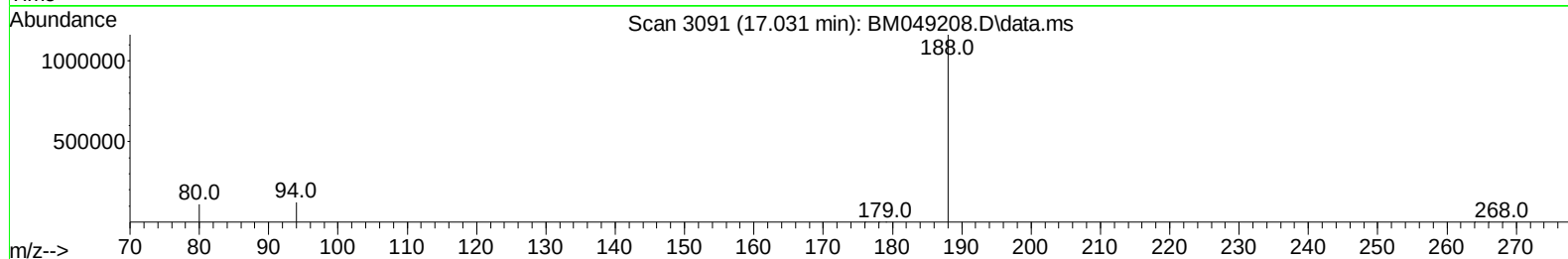
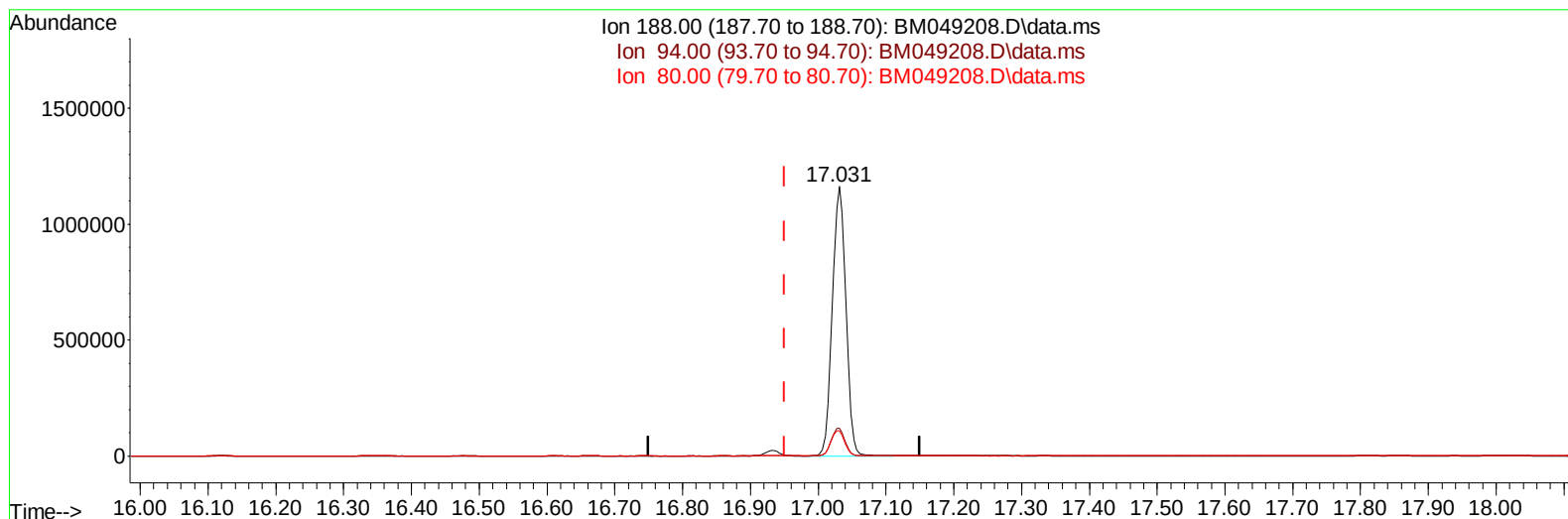
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049208.D
Acq On : 25 Dec 2024 06:10
Operator : RC/JU
Sample : P5333-06
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2909

Manual IntegrationsAPPROVED

Quant Time: Dec 25 06:57:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049208.D\data.ms

(13) Phenanthrene-d10 (I)

17.031min (+ 0.081) 0.40 ng/u1

response 1616807

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	9.80	10.38
80.00	10.70	9.42
0.00	0.00	0.00

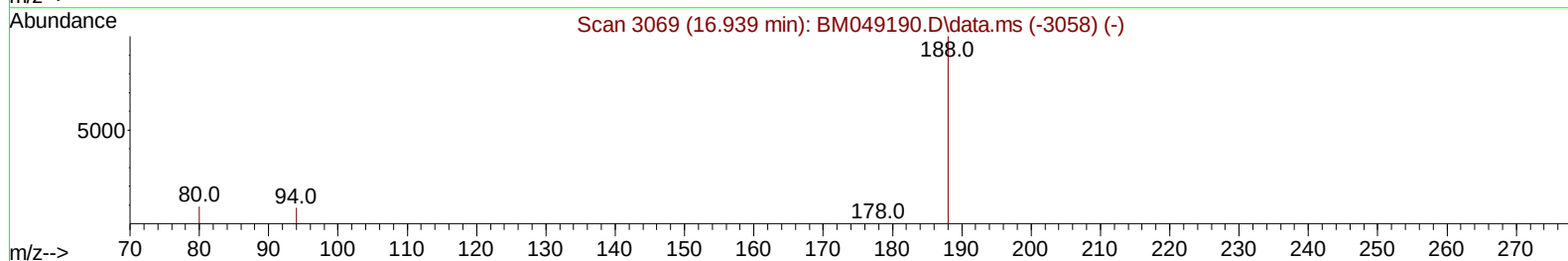
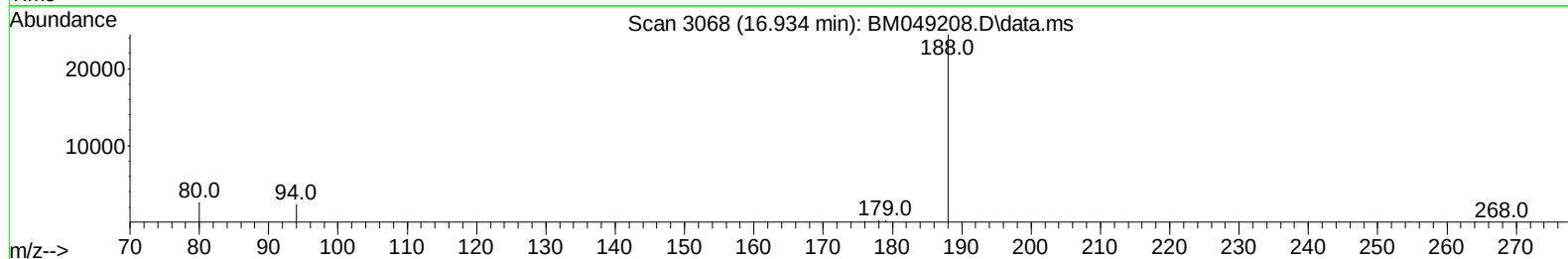
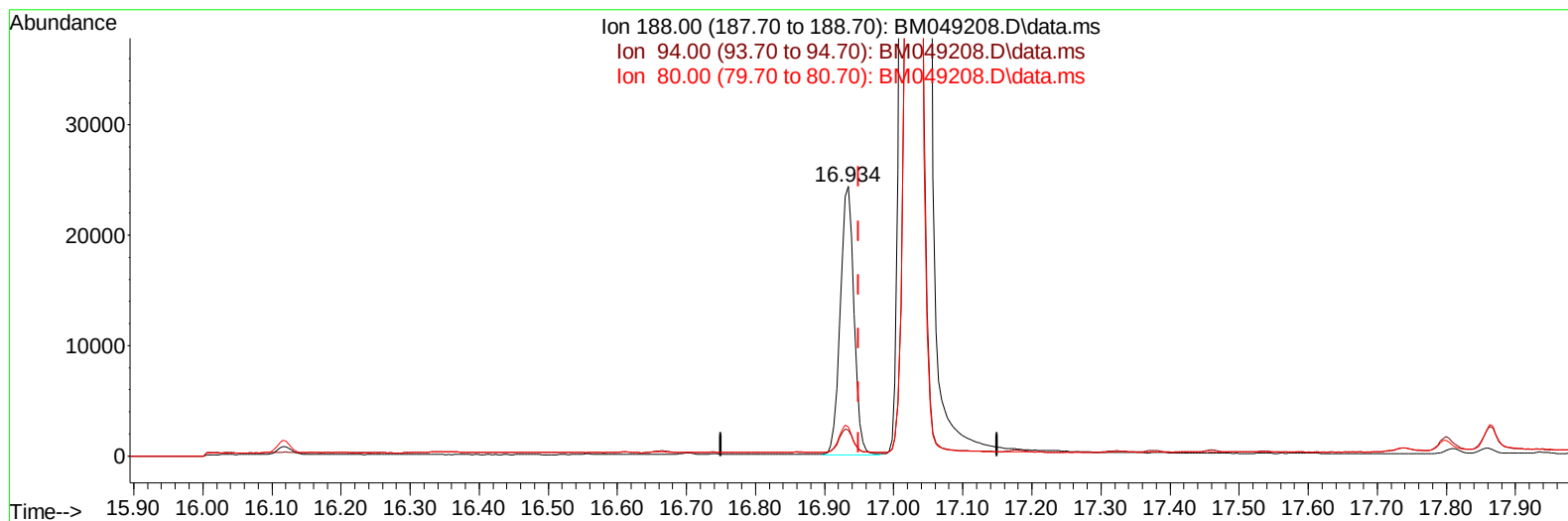
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049208.D
Acq On : 25 Dec 2024 06:10
Operator : RC/JU
Sample : P5333-06
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2909

Manual IntegrationsAPPROVED

Quant Time: Dec 25 06:57:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049208.D\data.ms

(13) Phenanthrene-d10 (I)

16.934min (-0.016) 0.40 ng/ul m

response 33392

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	9.80	9.58
80.00	10.70	10.66
0.00	0.00	0.00

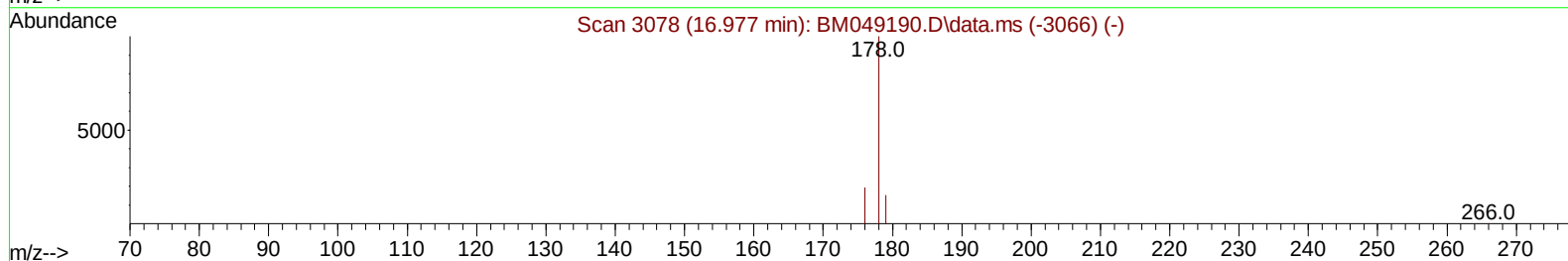
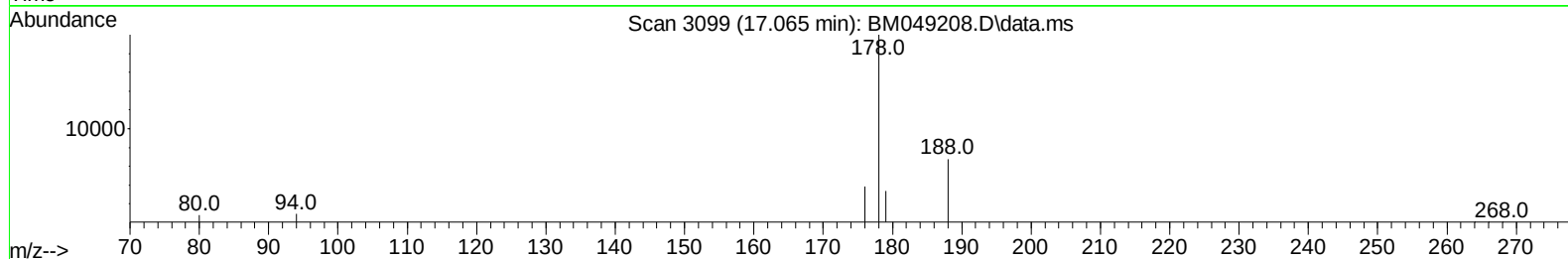
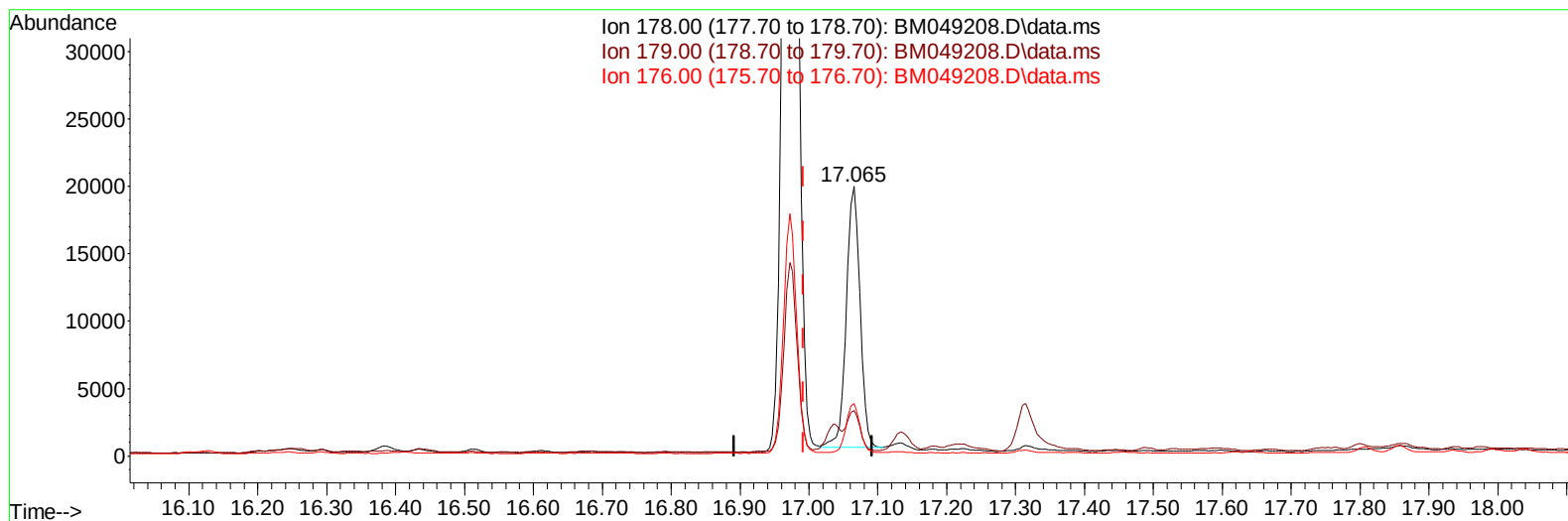
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049208.D
Acq On : 25 Dec 2024 06:10
Operator : RC/JU
Sample : P5333-06
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2909

Manual IntegrationsAPPROVED

Quant Time: Dec 25 06:57:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049208.D\data.ms

(15) Phenanthrene

17.065min (+ 0.073) 0.31 ng/u1

response 26887

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	16.88
176.00	20.20	19.38
0.00	0.00	0.00

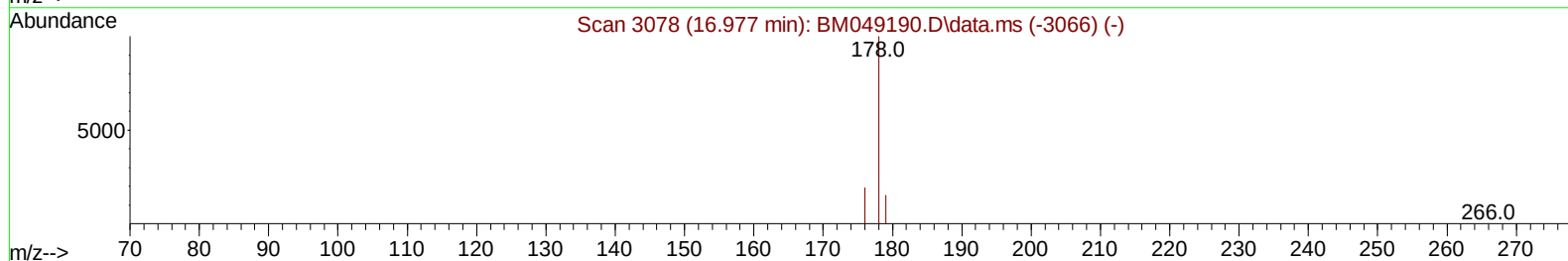
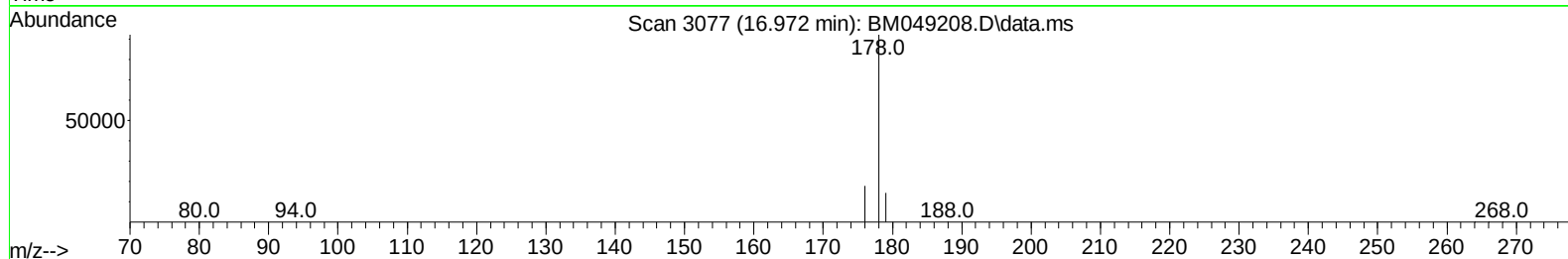
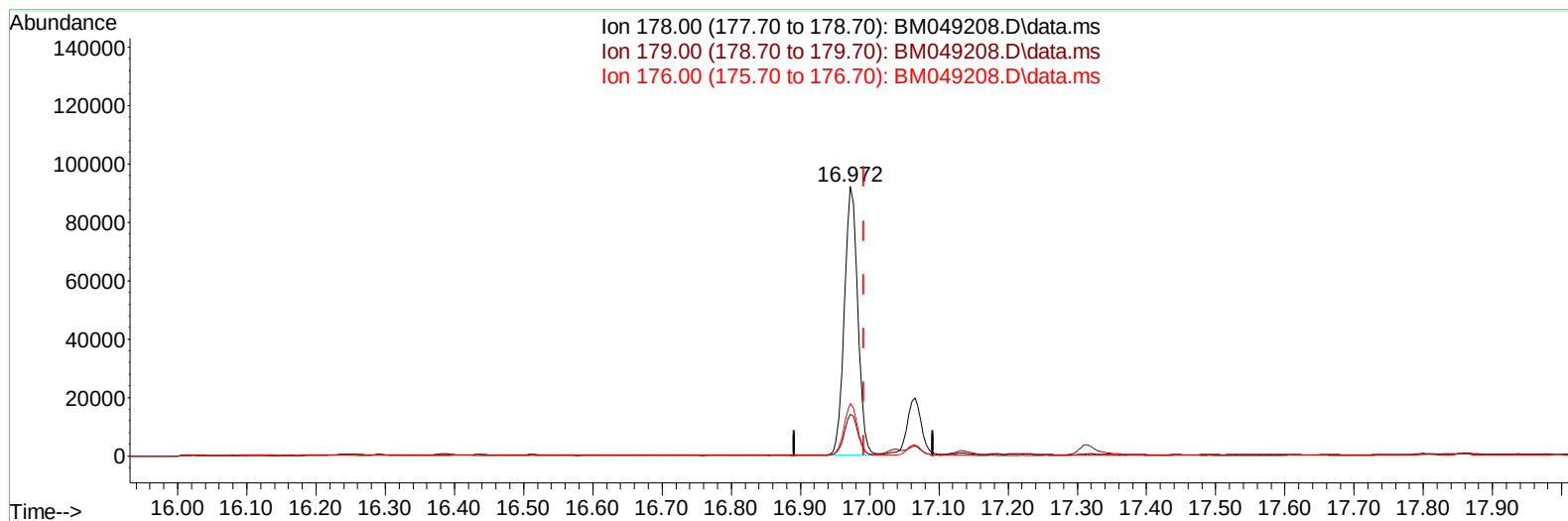
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049208.D
Acq On : 25 Dec 2024 06:10
Operator : RC/JU
Sample : P5333-06
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2909

Manual IntegrationsAPPROVED

Quant Time: Dec 25 06:57:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049208.D\data.ms

(15) Phenanthrene

16.972min (-0.020) 1.42 ng/ul m

response 123966

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.56
176.00	20.20	19.49
0.00	0.00	0.00

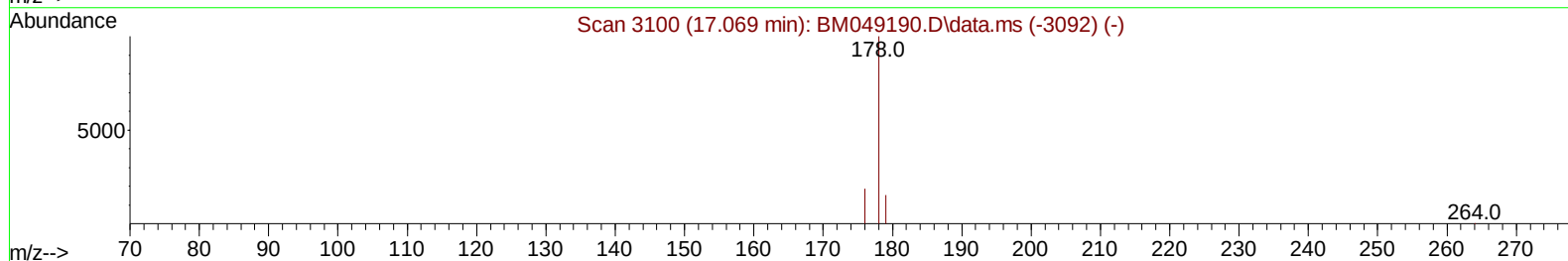
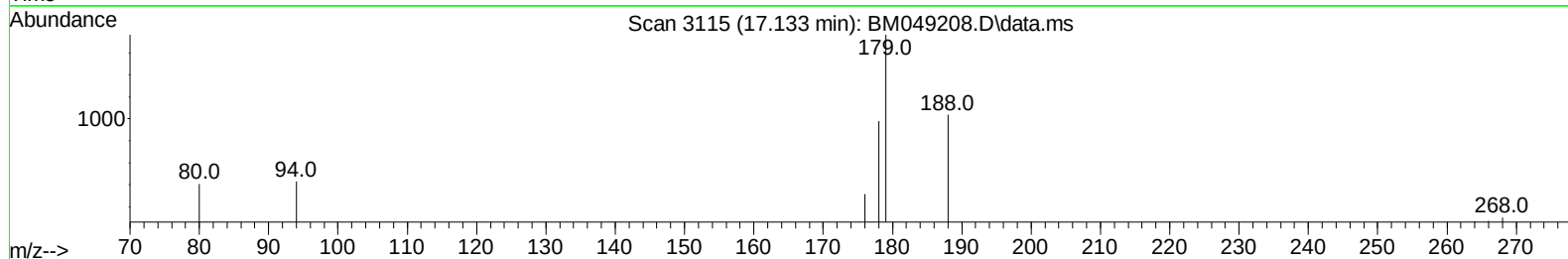
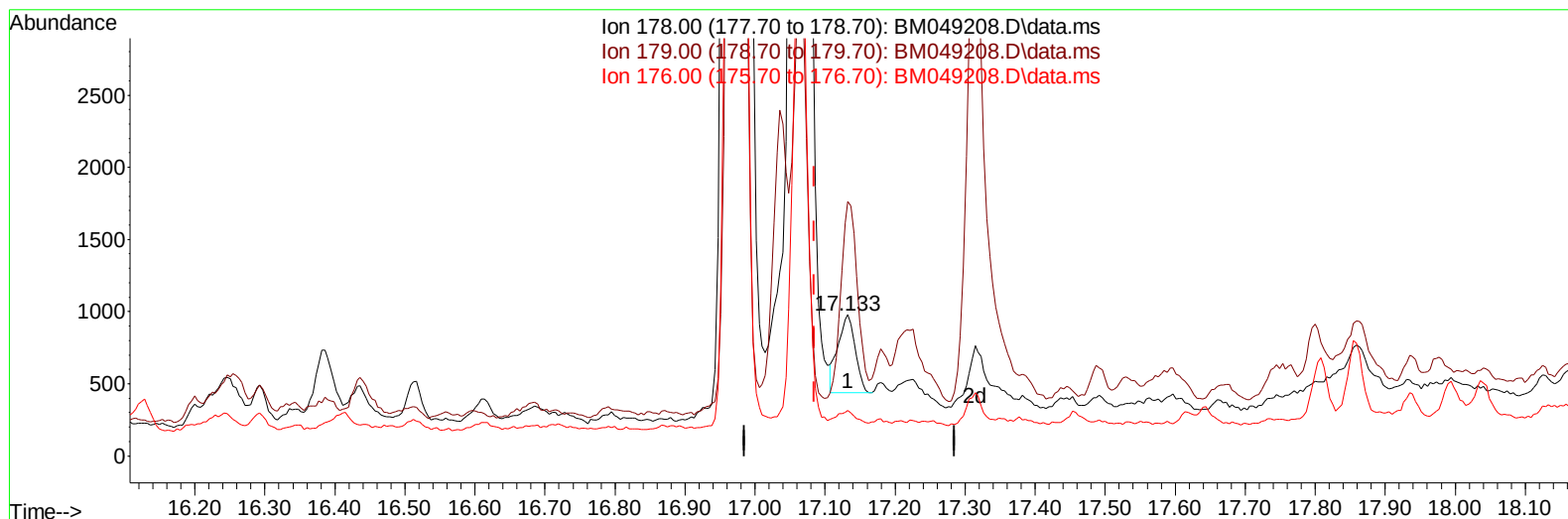
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049208.D
Acq On : 25 Dec 2024 06:10
Operator : RC/JU
Sample : P5333-06
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2909

Manual IntegrationsAPPROVED

Quant Time: Dec 25 06:57:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
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Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049208.D\data.ms

(16) Anthracene

17.133min (+ 0.048) 0.01 ng/u1

response 915

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.10	180.29#
176.00	19.10	31.97#
0.00	0.00	0.00

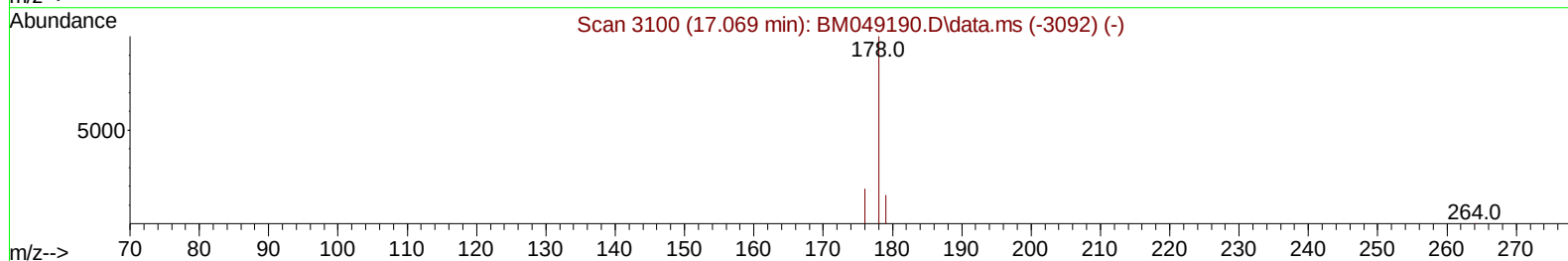
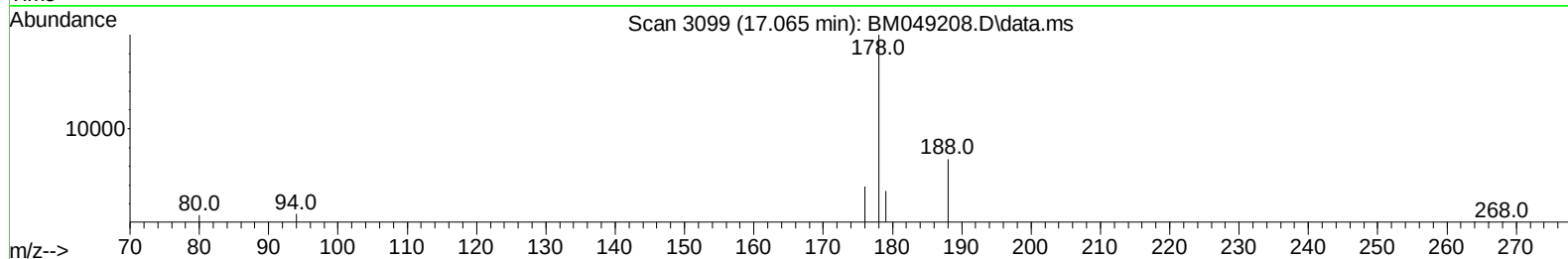
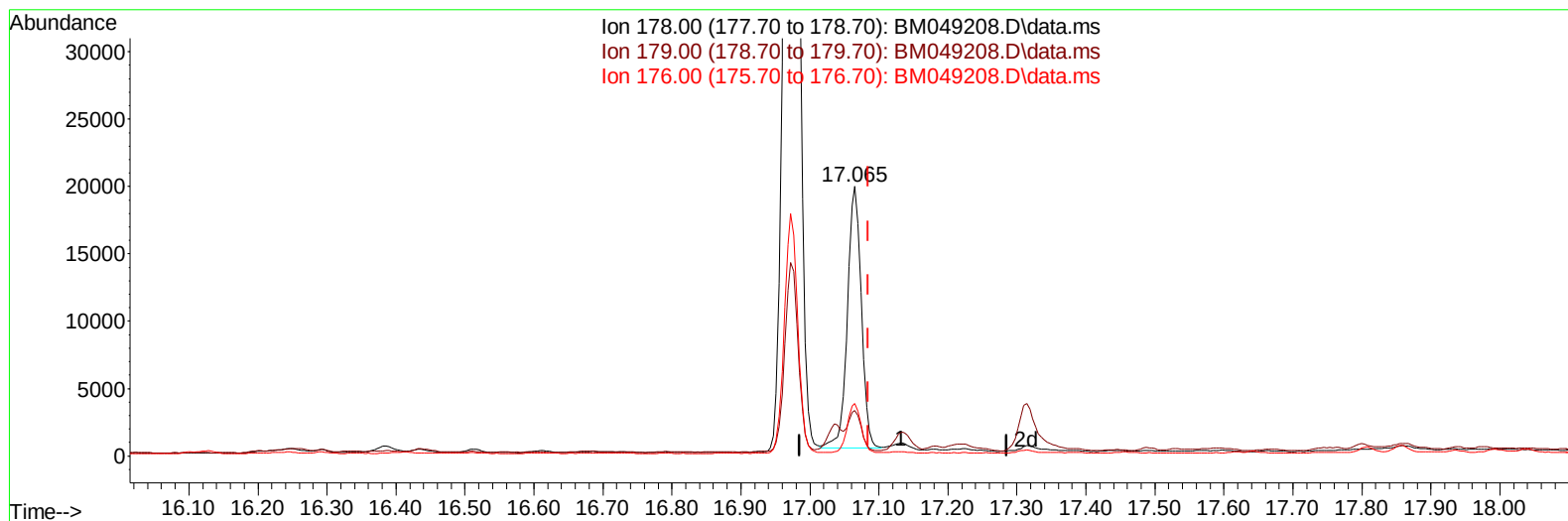
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049208.D
Acq On : 25 Dec 2024 06:10
Operator : RC/JU
Sample : P5333-06
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2909

Manual IntegrationsAPPROVED

Quant Time: Dec 25 06:57:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049208.D\data.ms

(16) Anthracene

17.065min (-0.020) 0.34 ng/ul m

response 26995

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.10	16.88
176.00	19.10	19.38
0.00	0.00	0.00

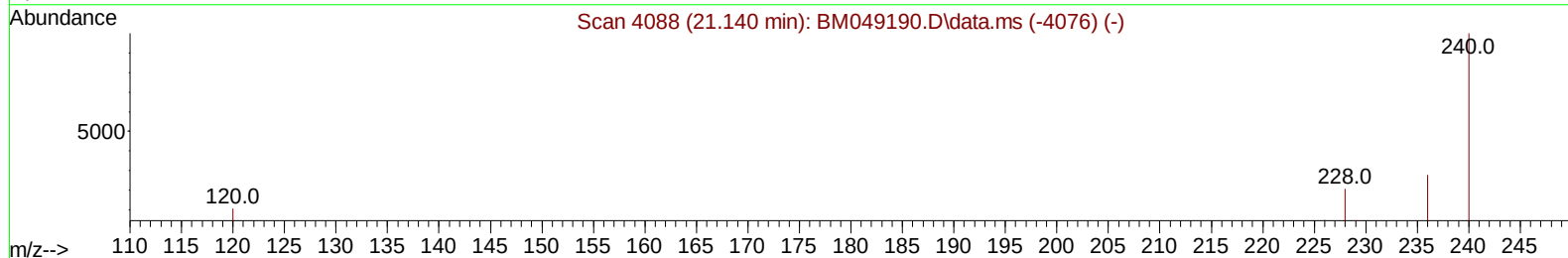
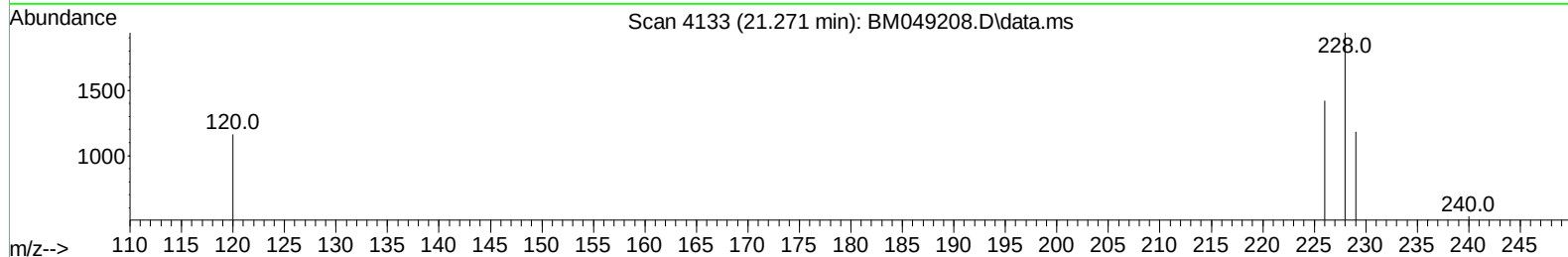
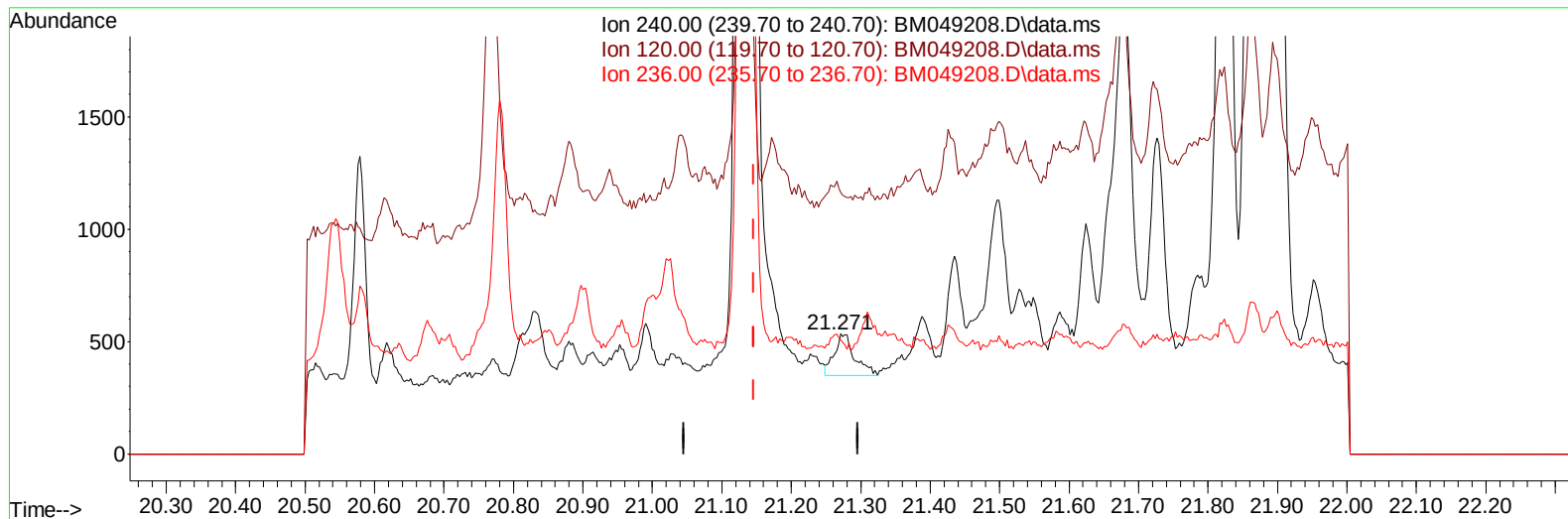
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049208.D
Acq On : 25 Dec 2024 06:10
Operator : RC/JU
Sample : P5333-06
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2909

Manual IntegrationsAPPROVED

Quant Time: Dec 25 06:57:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
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Reviewed By :Yogesh Patel 12/26/2024
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TIC: BM049208.D\data.ms

(17) Chrysene-d12

21.271min (+ 0.125) 0.40 ng/u1

response 375

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	14.50	217.38#
236.00	29.80	94.77#
0.00	0.00	0.00

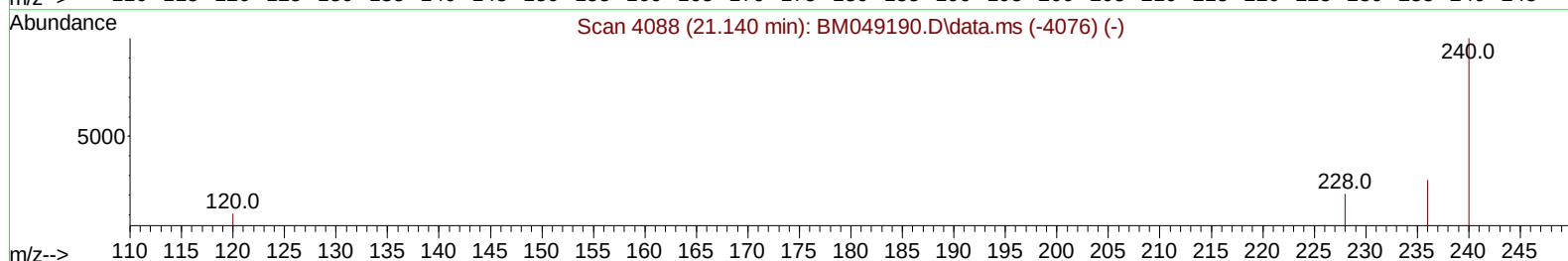
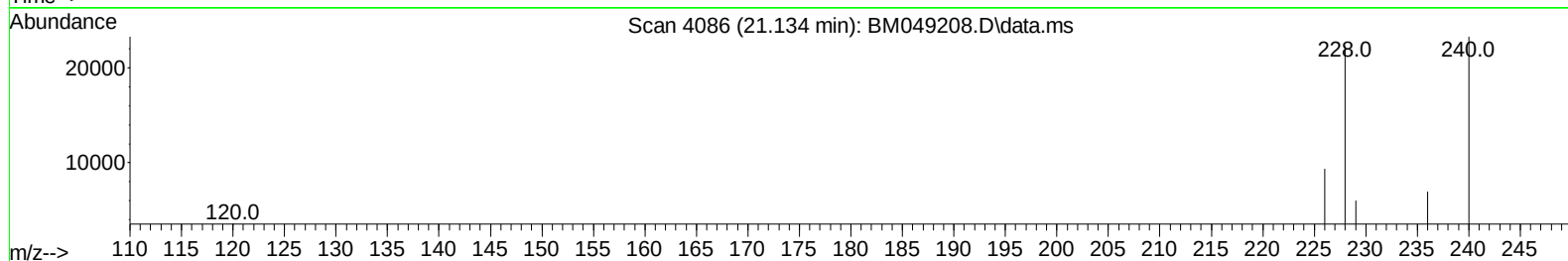
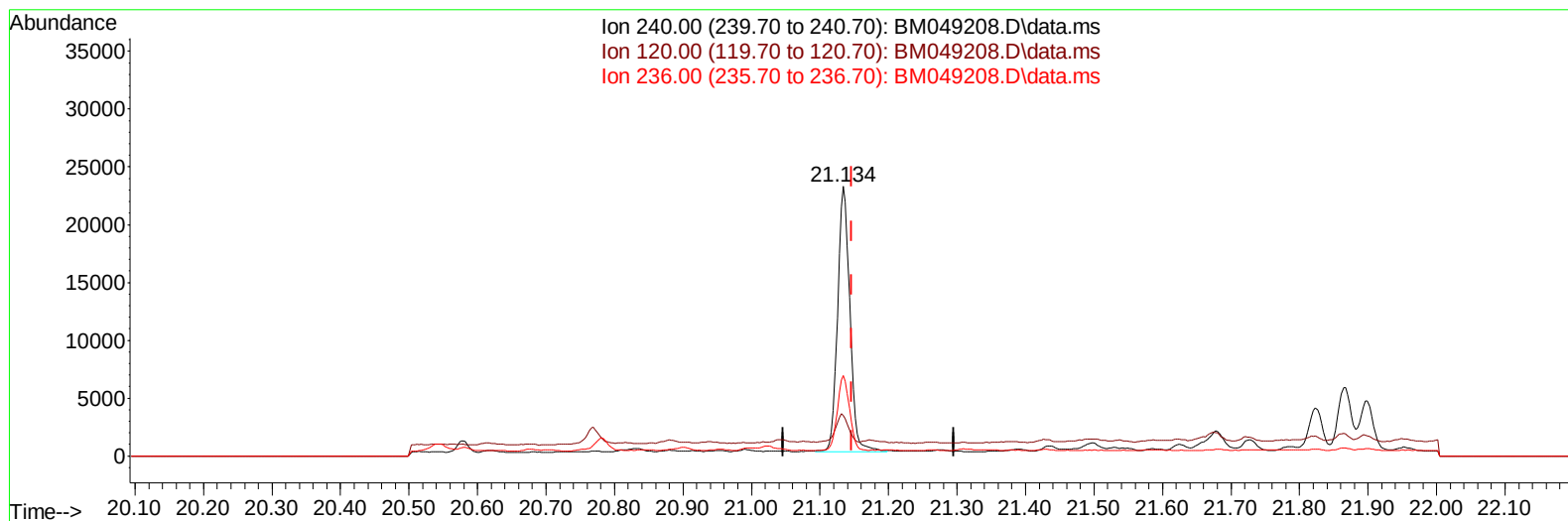
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049208.D
Acq On : 25 Dec 2024 06:10
Operator : RC/JU
Sample : P5333-06
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2909

Manual IntegrationsAPPROVED

Quant Time: Dec 25 06:57:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049208.D\data.ms

(17) Chrysene-d12

21.134min (-0.012) 0.40 ng/ul m

response 28586

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	14.50	15.07
236.00	29.80	29.87
0.00	0.00	0.00

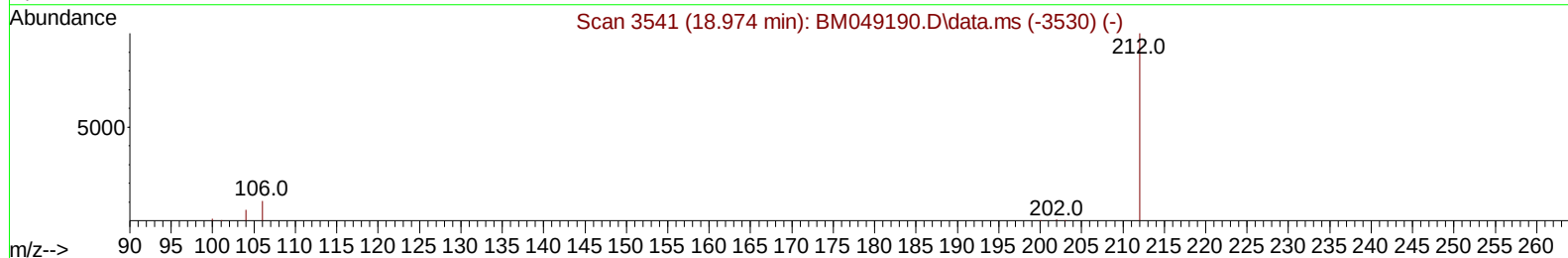
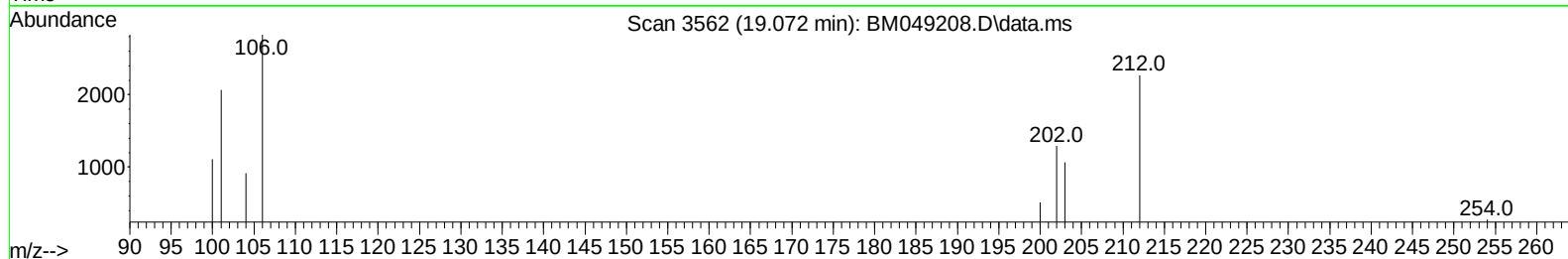
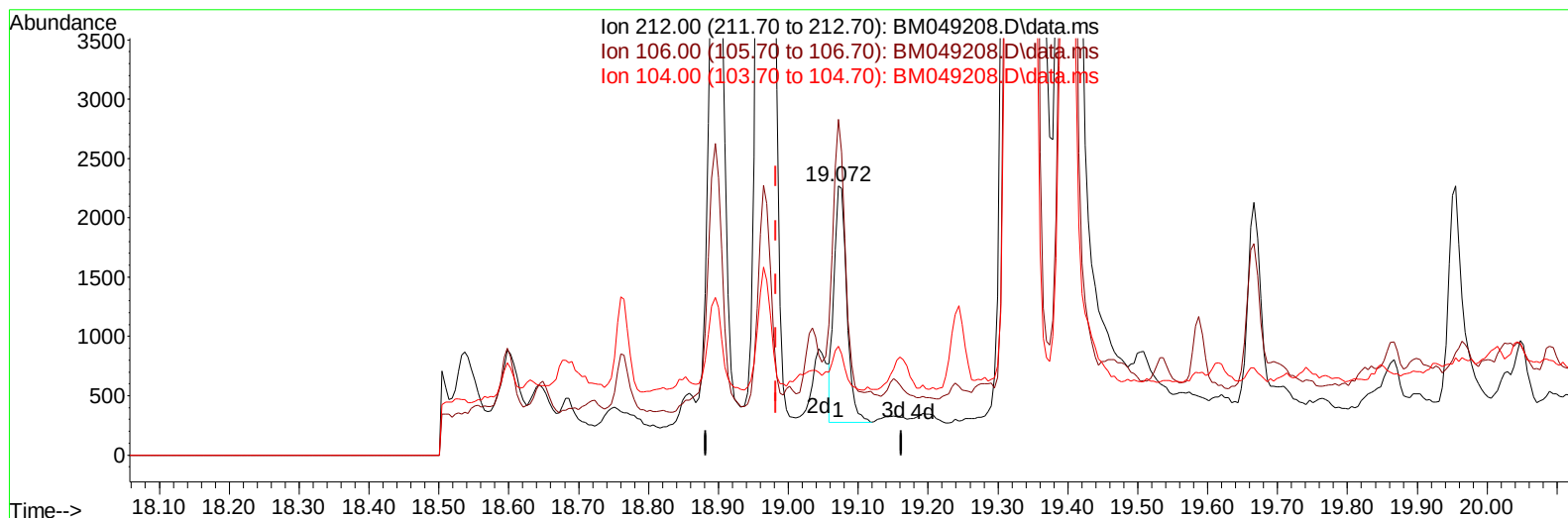
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049208.D
Acq On : 25 Dec 2024 06:10
Operator : RC/JU
Sample : P5333-06
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2909

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 25 06:57:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration



TIC: BM049208.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.072min (+ 0.090) 0.03 ng/u1

response 2541

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	11.60	121.29#
104.00	6.50	20.74#
0.00	0.00	0.00

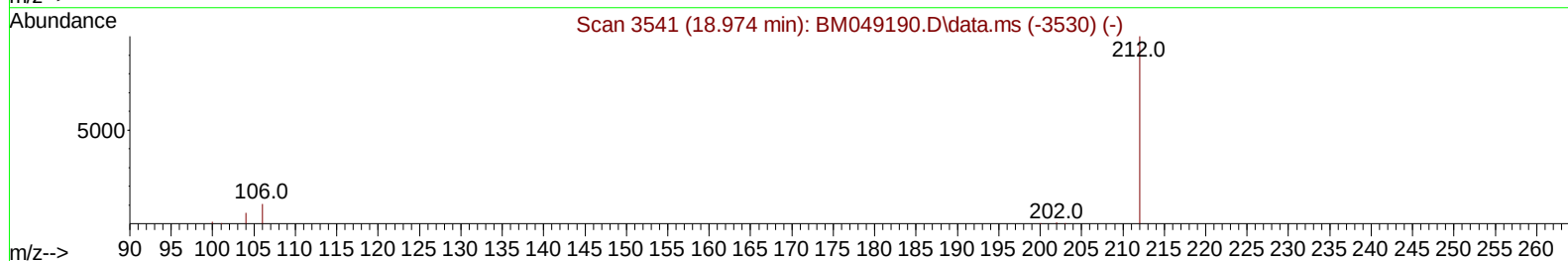
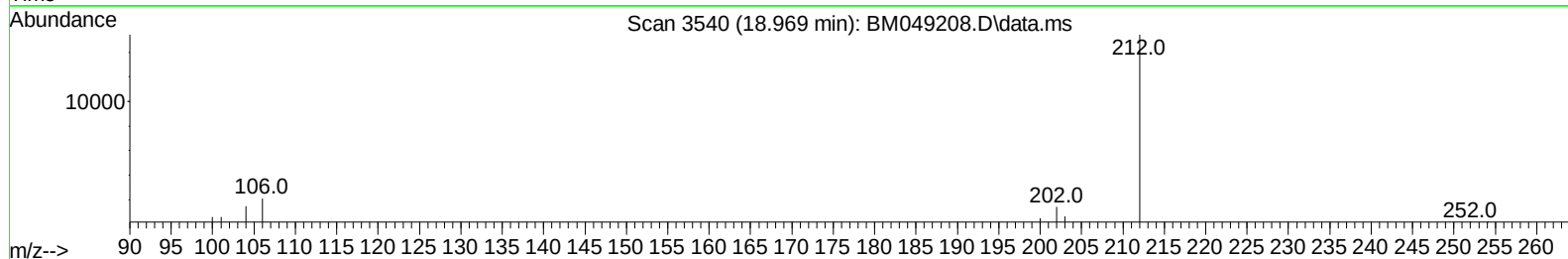
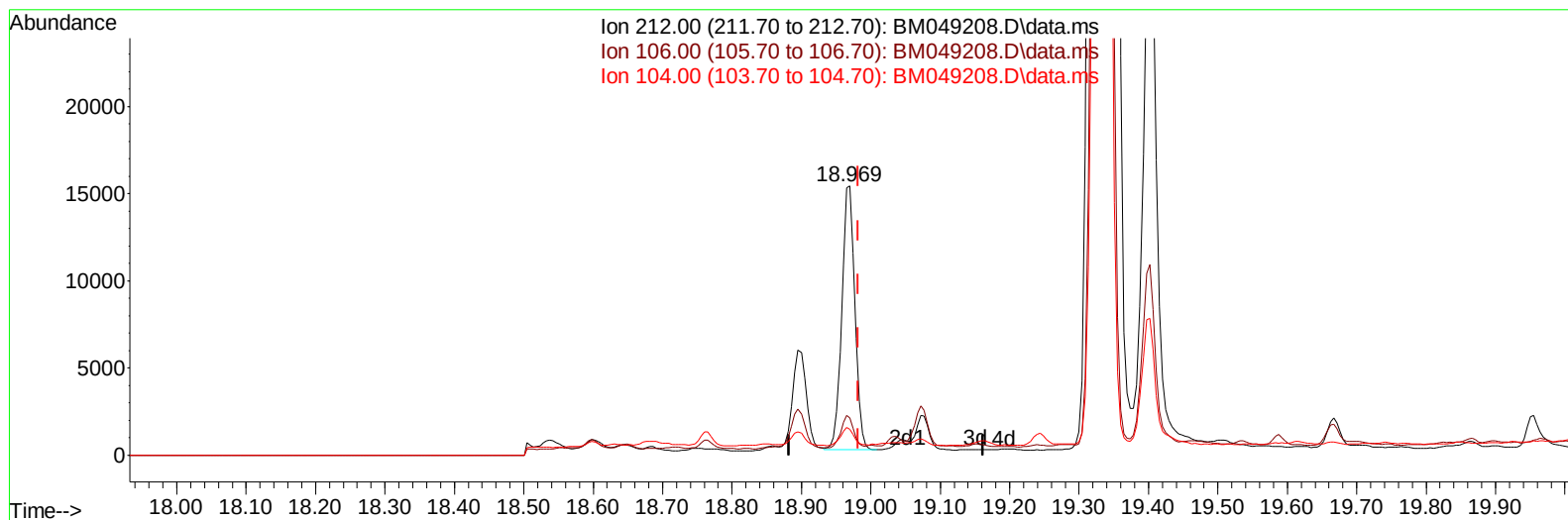
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049208.D
Acq On : 25 Dec 2024 06:10
Operator : RC/JU
Sample : P5333-06
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2909

Manual IntegrationsAPPROVED

Quant Time: Dec 25 06:57:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049208.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.969min (-0.013) 0.25 ng/ul m

response 19885

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	11.60	15.50#
104.00	6.50	2.65#
0.00	0.00	0.00

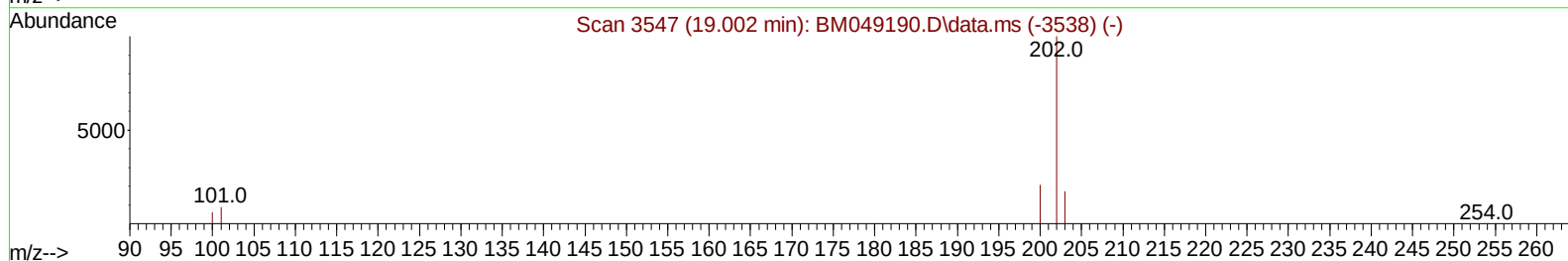
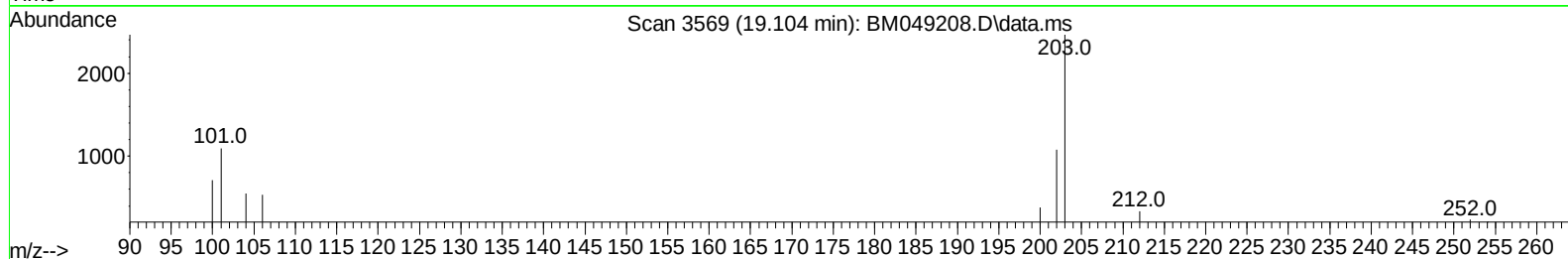
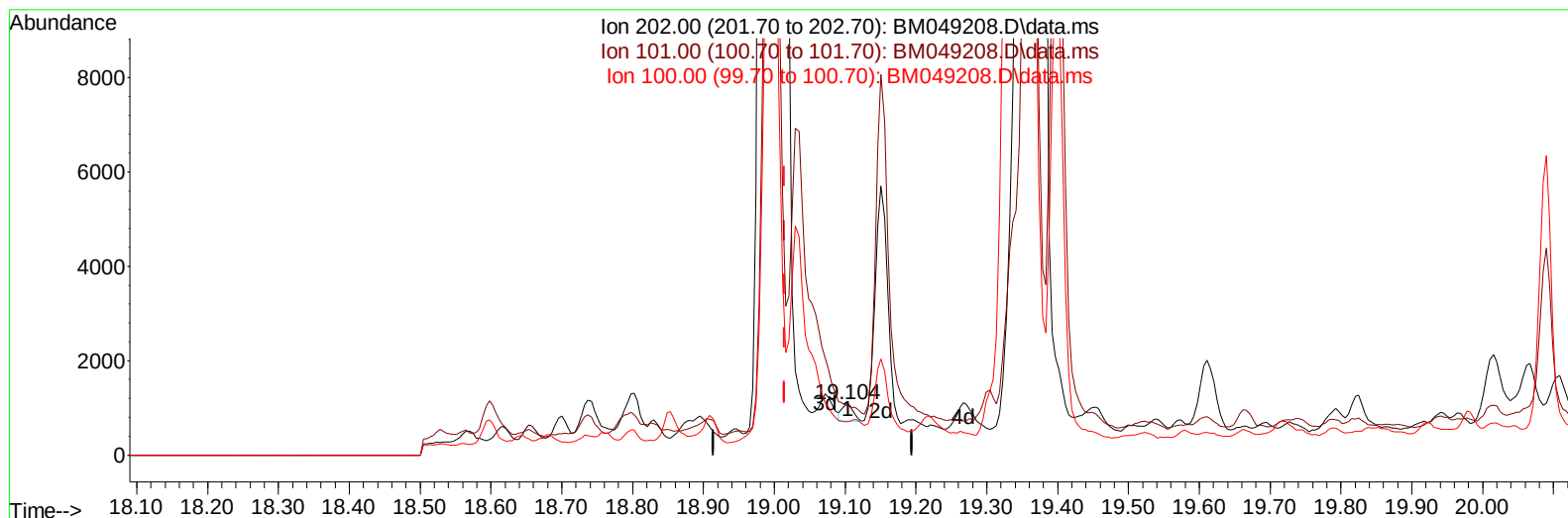
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049208.D
Acq On : 25 Dec 2024 06:10
Operator : RC/JU
Sample : P5333-06
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2909

Manual IntegrationsAPPROVED

Quant Time: Dec 25 06:57:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
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Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049208.D\data.ms

(19) Fluoranthene (C)

19.104min (+ 0.090) 0.00 ng/u1

response 385

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	9.50	101.95#
100.00	6.90	65.80#
0.00	0.00	0.00

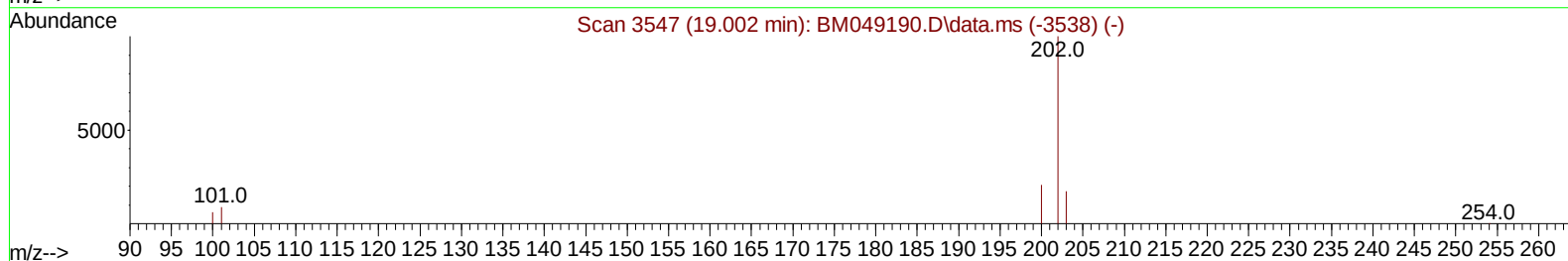
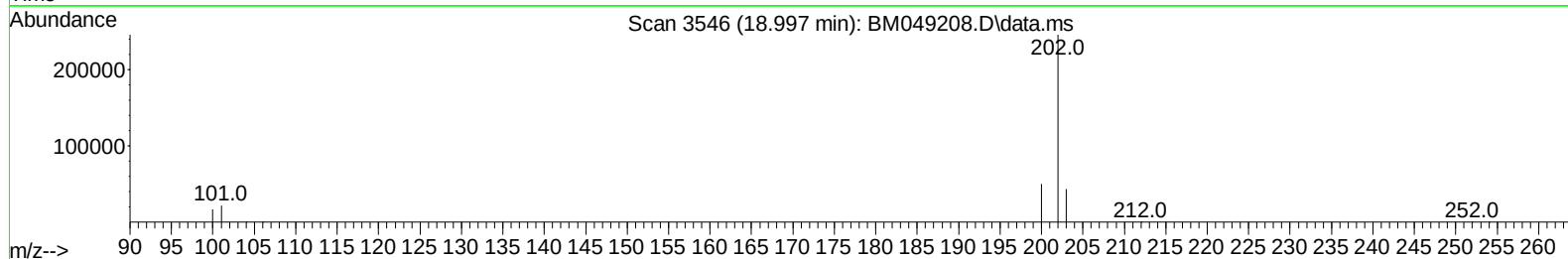
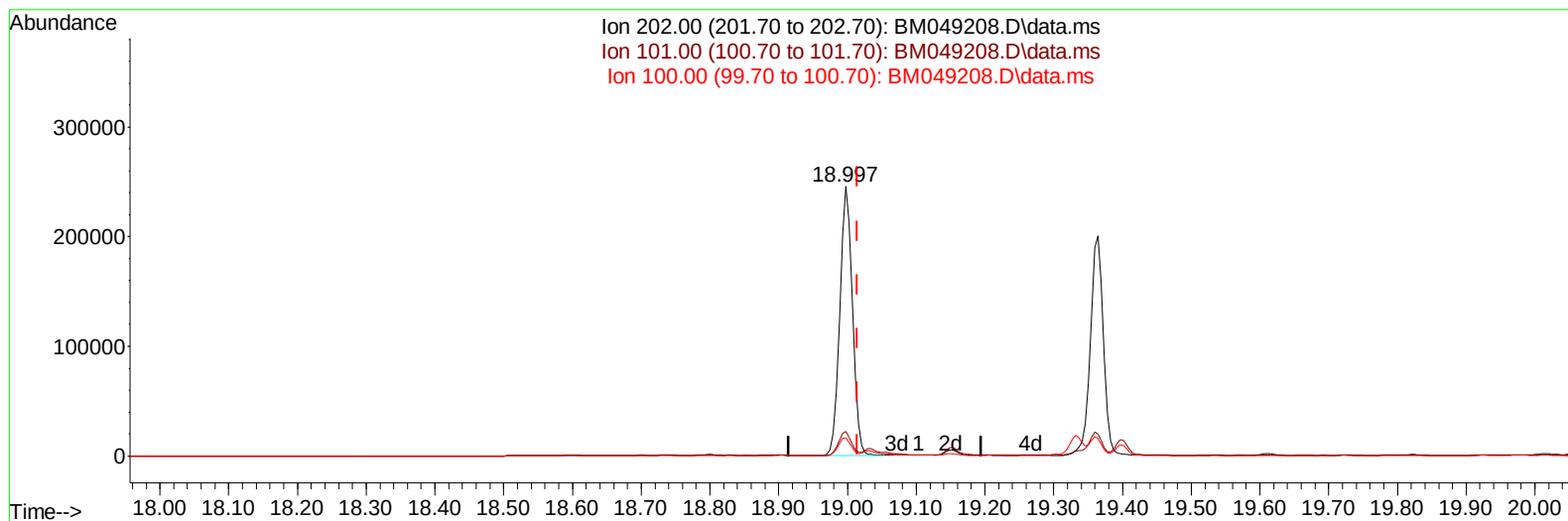
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049208.D
Acq On : 25 Dec 2024 06:10
Operator : RC/JU
Sample : P5333-06
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2909

Manual IntegrationsAPPROVED

Quant Time: Dec 25 06:57:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049208.D\data.ms

(19) Fluoranthene (C)

18.997min (-0.017) 3.05 ng/ul m

response 315118

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	9.50	8.99
100.00	6.90	6.76
0.00	0.00	0.00

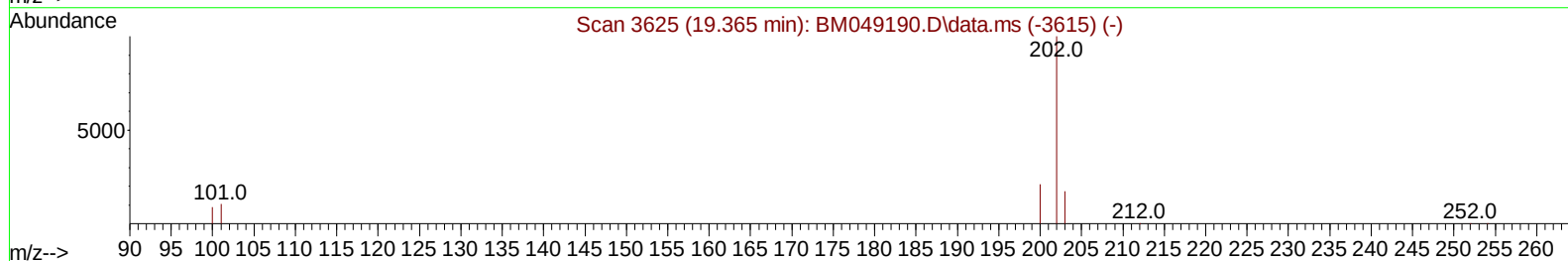
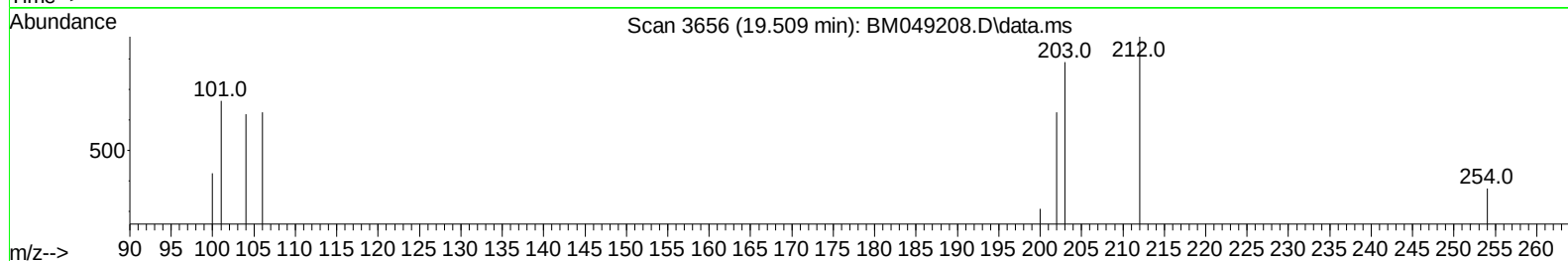
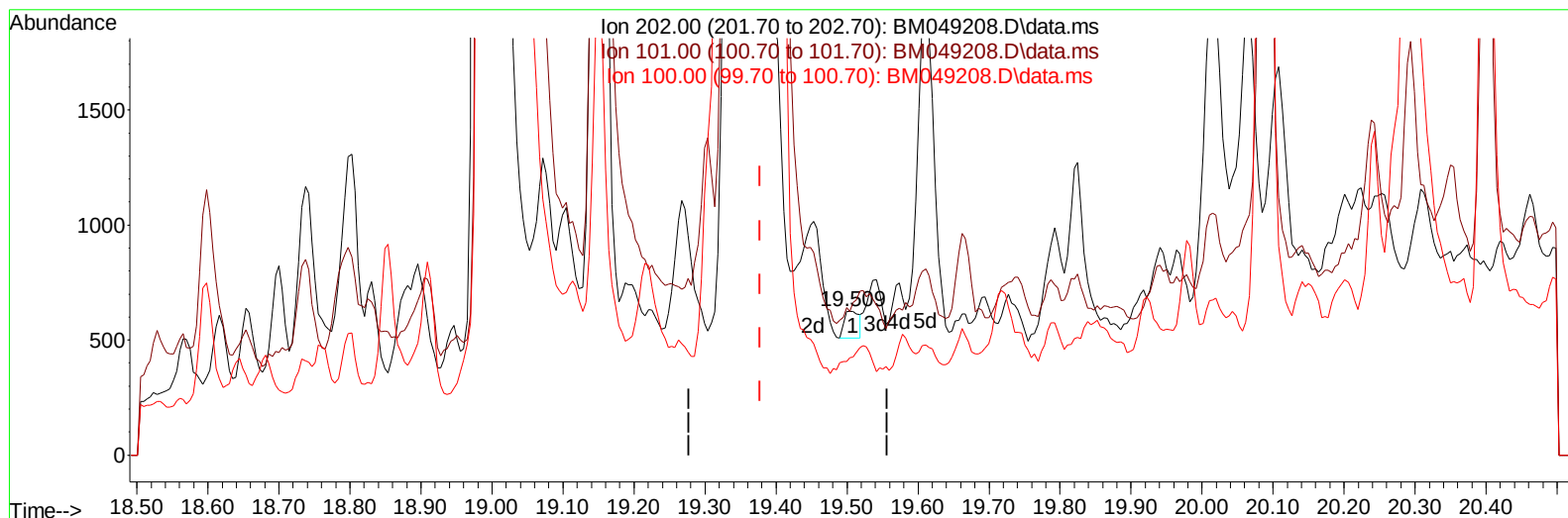
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049208.D
Acq On : 25 Dec 2024 06:10
Operator : RC/JU
Sample : P5333-06
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2909

Manual IntegrationsAPPROVED

Quant Time: Dec 25 06:57:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
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Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049208.D\data.ms

(20) Pyrene

19.509min (+ 0.131) 0.00 ng/u1

response 171

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.10	106.24#
100.00	8.60	68.00#
0.00	0.00	0.00

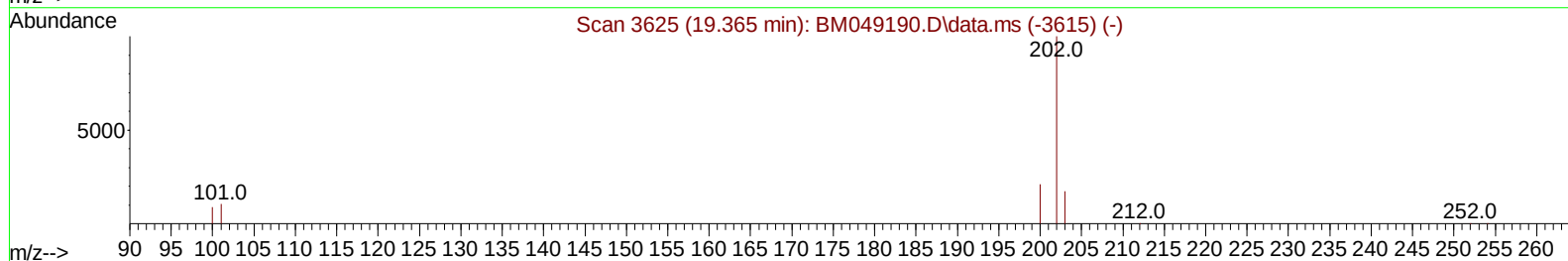
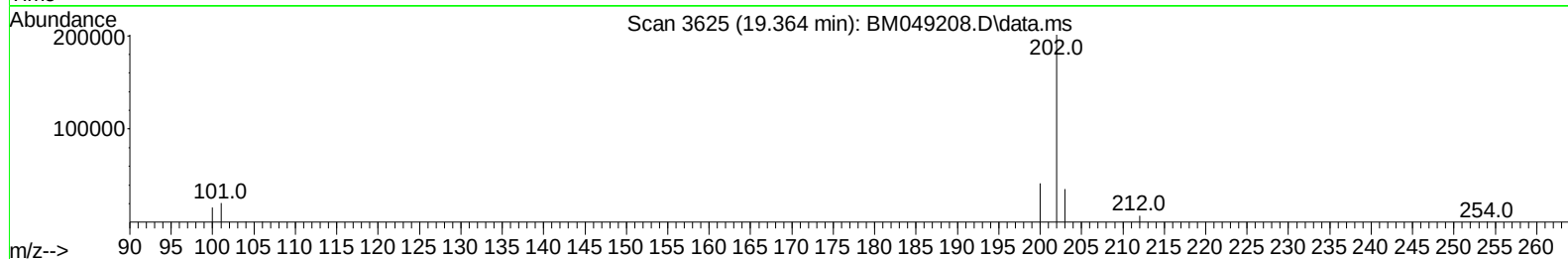
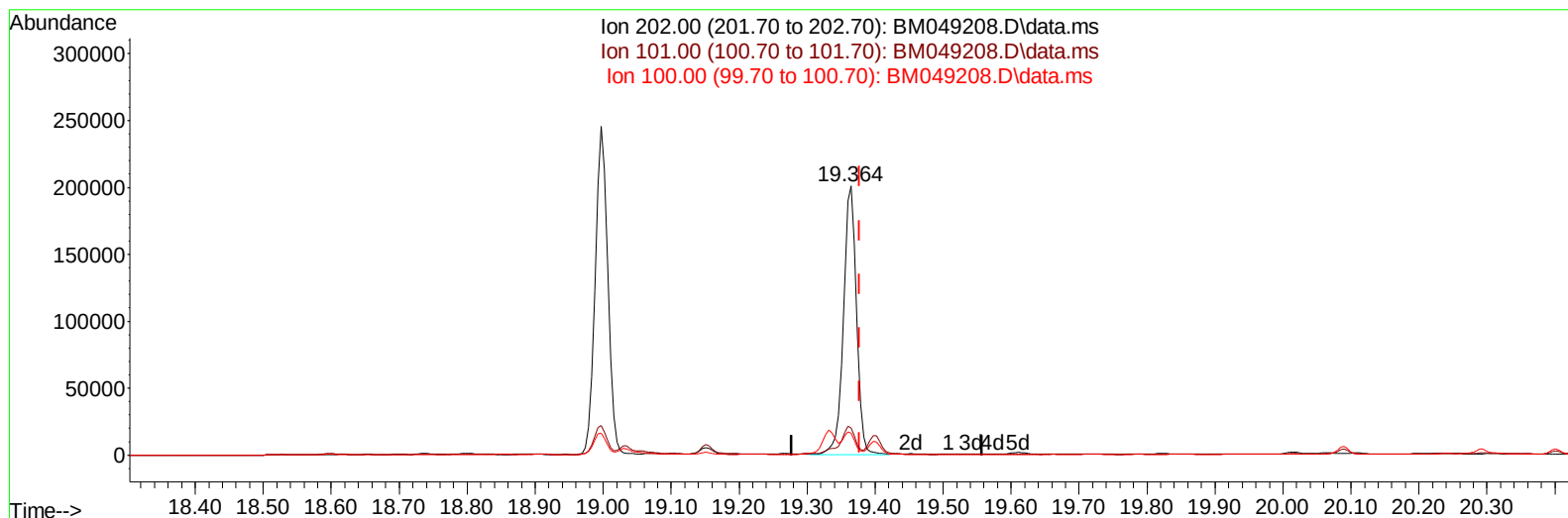
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049208.D
Acq On : 25 Dec 2024 06:10
Operator : RC/JU
Sample : P5333-06
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2909

Manual IntegrationsAPPROVED

Quant Time: Dec 25 06:57:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049208.D\data.ms

(20) Pyrene

19.364min (-0.013) 2.40 ng/ul m

response 264778

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.10	10.12
100.00	8.60	8.08
0.00	0.00	0.00

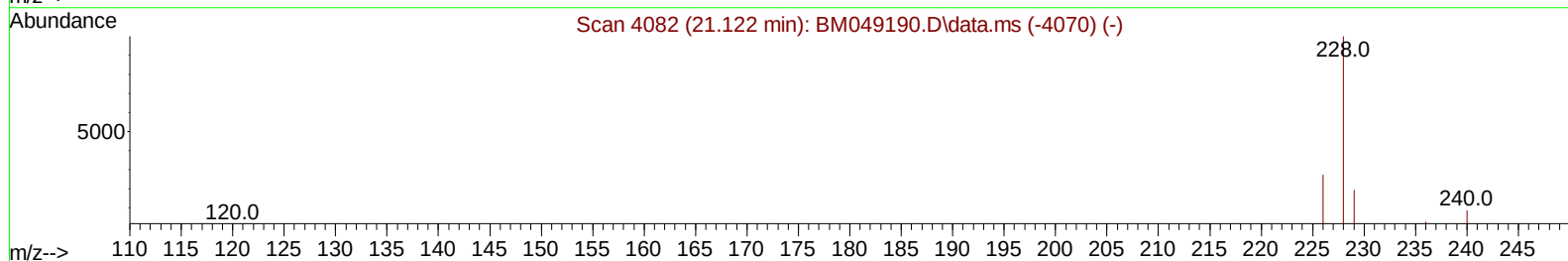
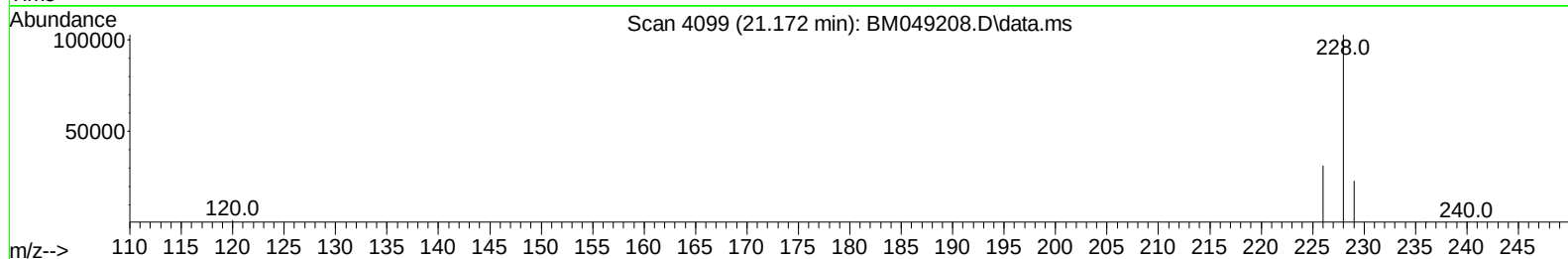
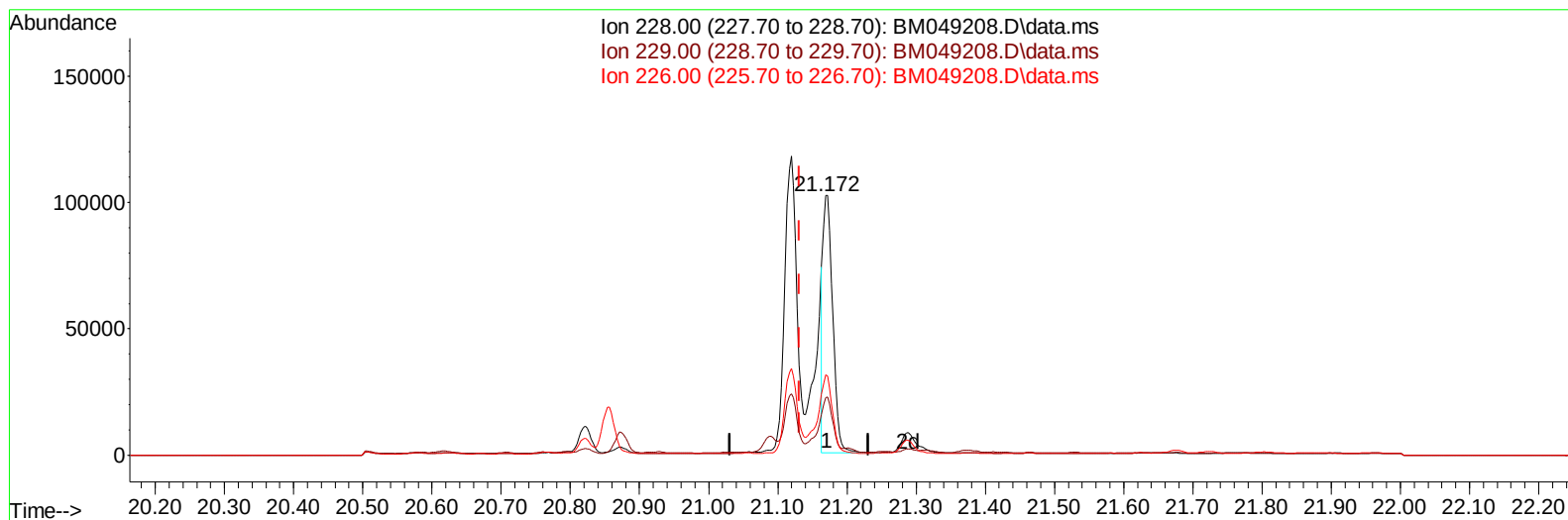
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049208.D
Acq On : 25 Dec 2024 06:10
Operator : RC/JU
Sample : P5333-06
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2909

Manual IntegrationsAPPROVED

Quant Time: Dec 25 06:57:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049208.D\data.ms

(21) Benzo(a)anthracene

21.172min (+ 0.040) 0.97 ng/u1

response 96889

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.90	22.29
226.00	28.30	30.55
0.00	0.00	0.00

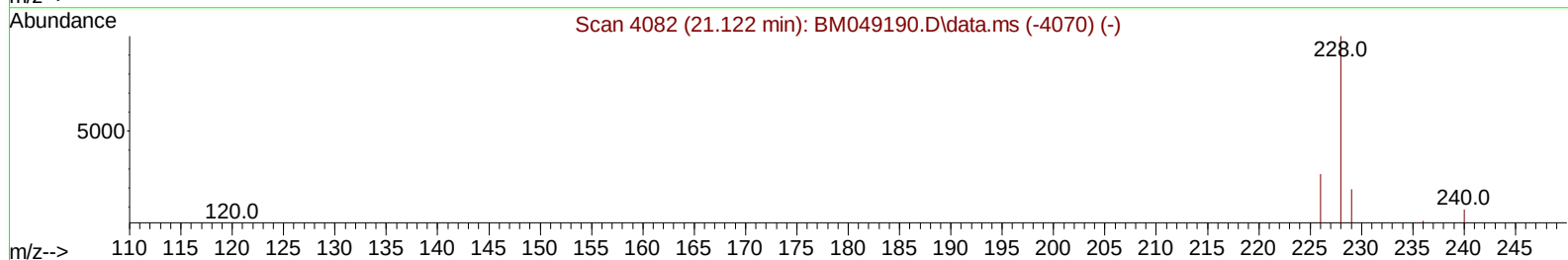
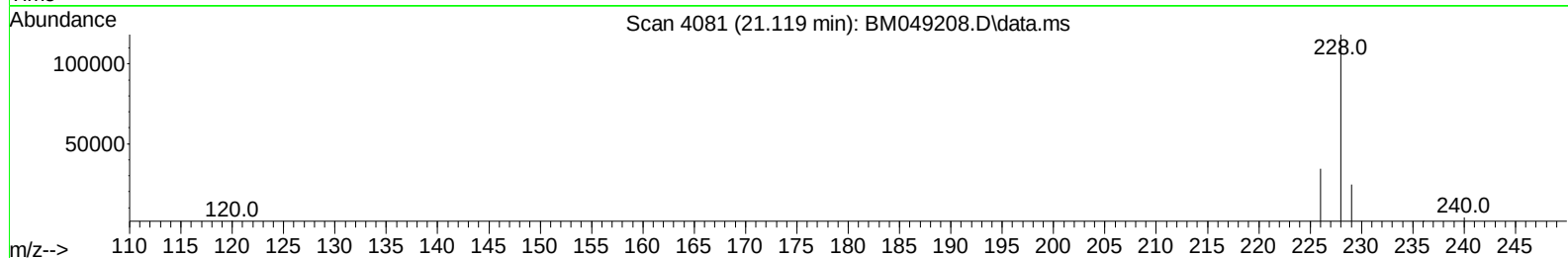
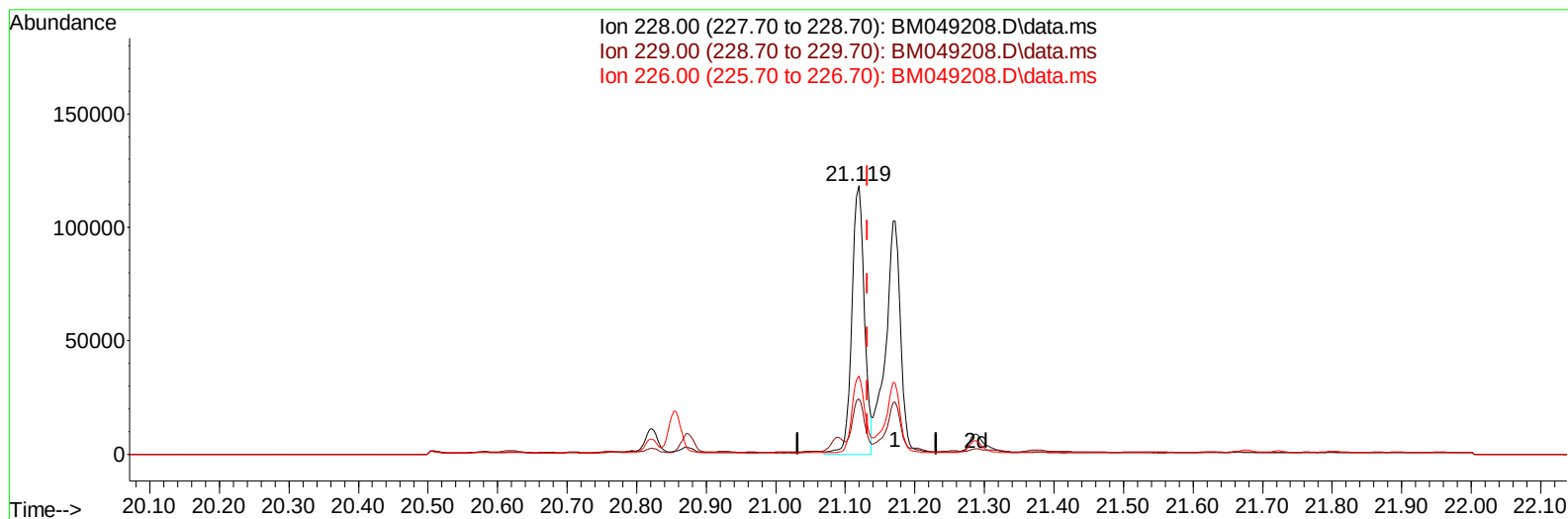
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049208.D
Acq On : 25 Dec 2024 06:10
Operator : RC/JU
Sample : P5333-06
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2909

Manual IntegrationsAPPROVED

Quant Time: Dec 25 06:57:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049208.D\data.ms

(21) Benzo(a)anthracene

21.119min (-0.012) 1.48 ng/ul m

response 147343

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.90	20.56
226.00	28.30	29.08
0.00	0.00	0.00

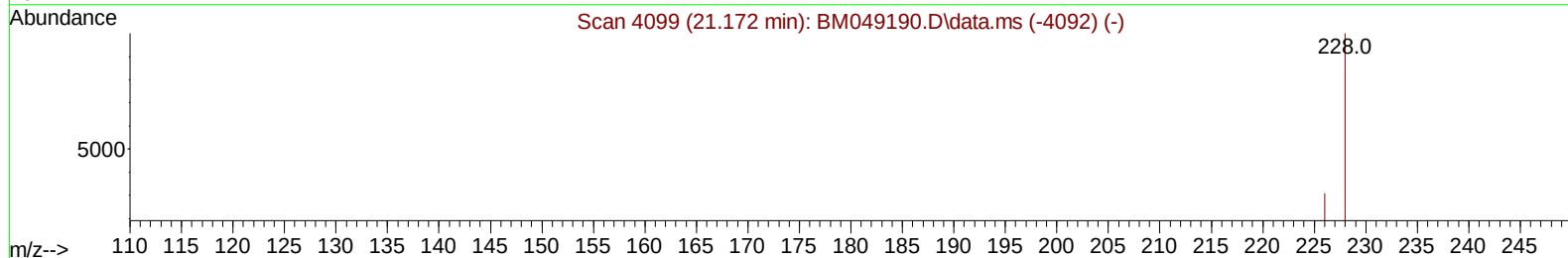
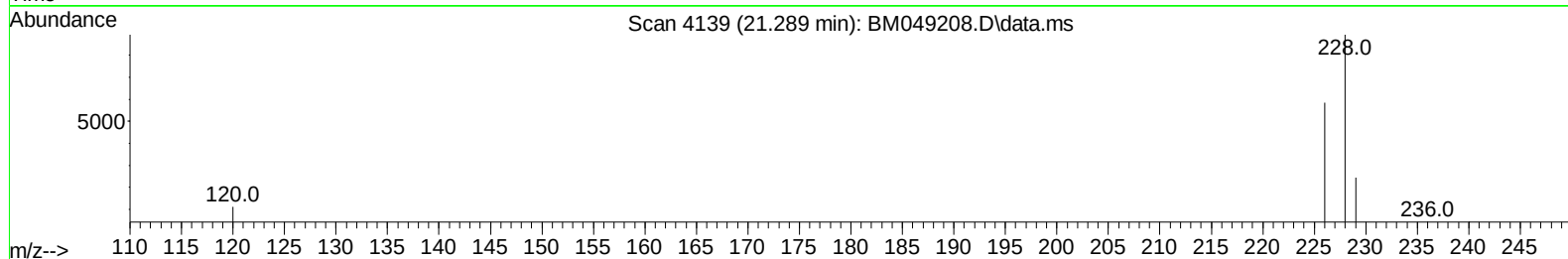
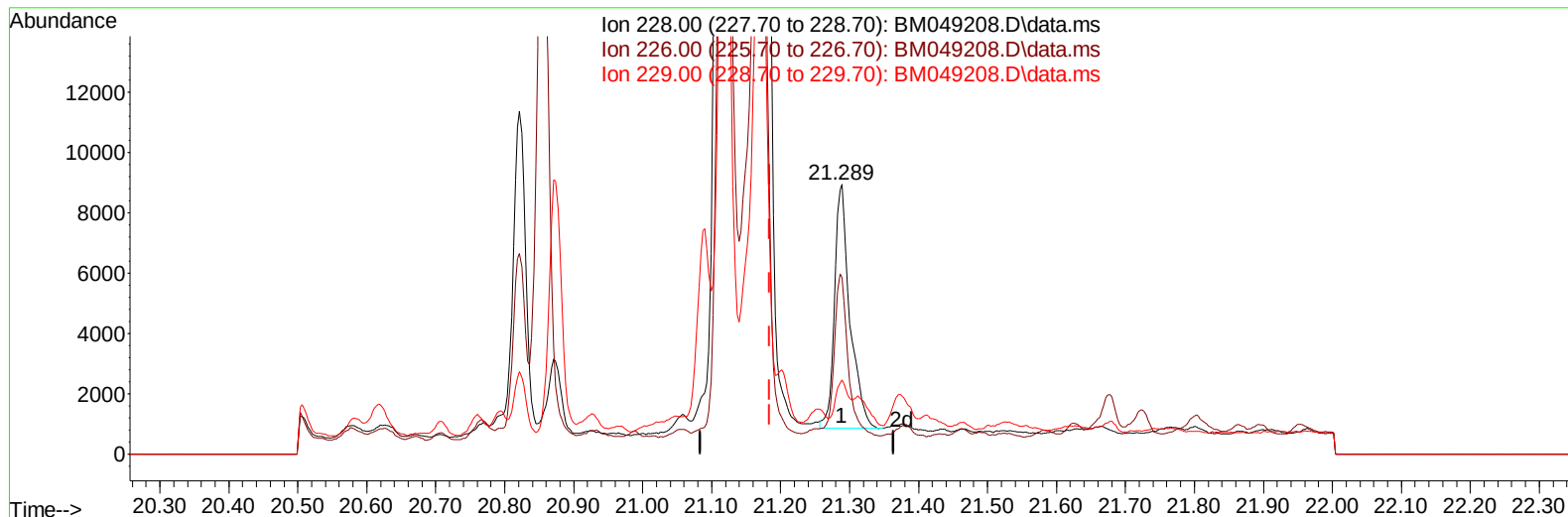
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049208.D
Acq On : 25 Dec 2024 06:10
Operator : RC/JU
Sample : P5333-06
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2909

Manual IntegrationsAPPROVED

Quant Time: Dec 25 06:57:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049208.D\data.ms

(22) Chrysene

21.289min (+ 0.105) 0.12 ng/u1

response 12439

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.10	65.51#
229.00	19.80	27.49#
0.00	0.00	0.00

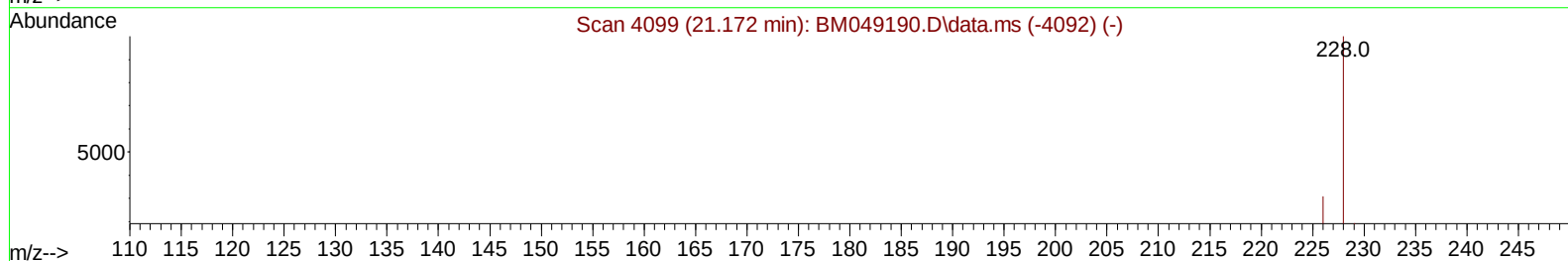
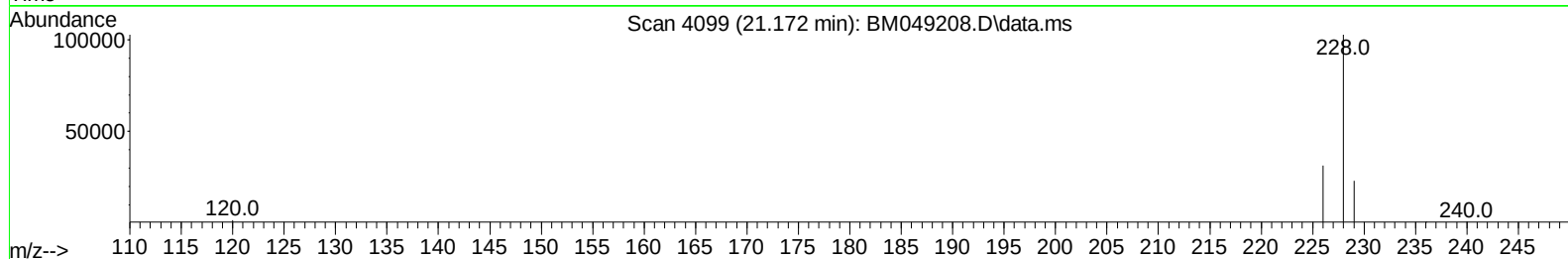
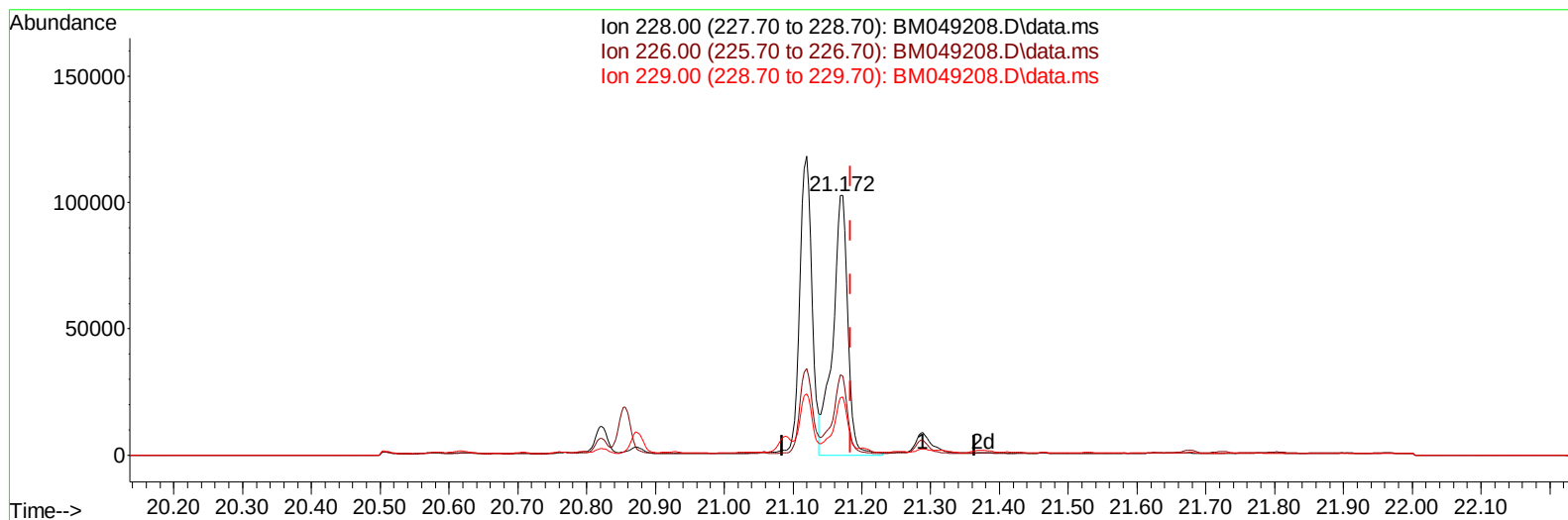
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049208.D
Acq On : 25 Dec 2024 06:10
Operator : RC/JU
Sample : P5333-06
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2909

Manual IntegrationsAPPROVED

Quant Time: Dec 25 06:57:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049208.D\data.ms

(22) Chrysene

21.172min (-0.012) 1.47 ng/ul m

response 157221

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.10	30.55
229.00	19.80	22.29
0.00	0.00	0.00

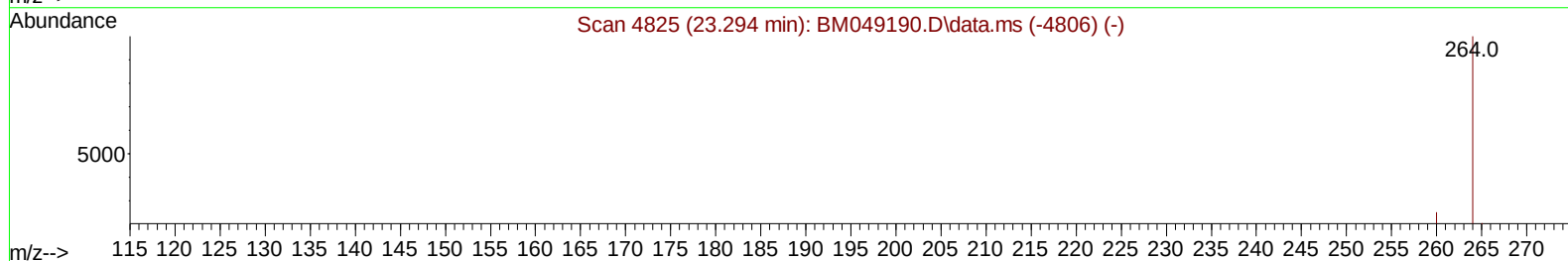
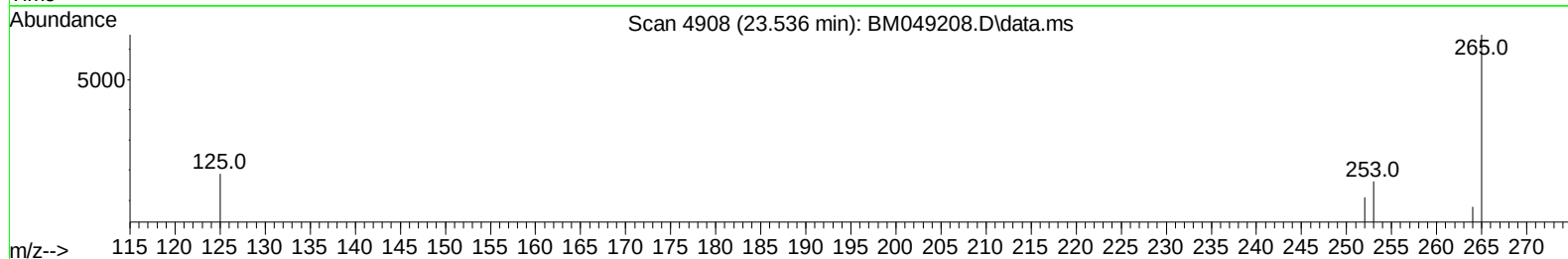
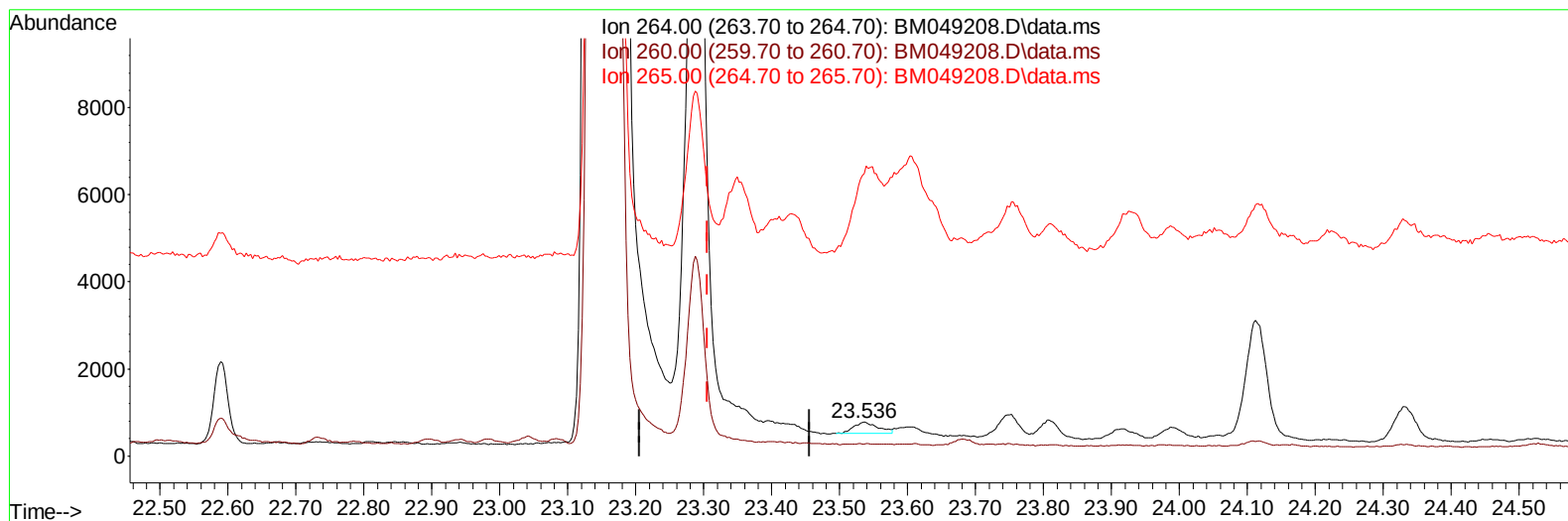
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049208.D
Acq On : 25 Dec 2024 06:10
Operator : RC/JU
Sample : P5333-06
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2909

Manual IntegrationsAPPROVED

Quant Time: Dec 25 06:57:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049208.D\data.ms

(23) Perylene-d12 (I)

23.536min (+ 0.230) 0.40 ng/u1

response 680

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.80	35.22#
265.00	78.30	834.58#
0.00	0.00	0.00

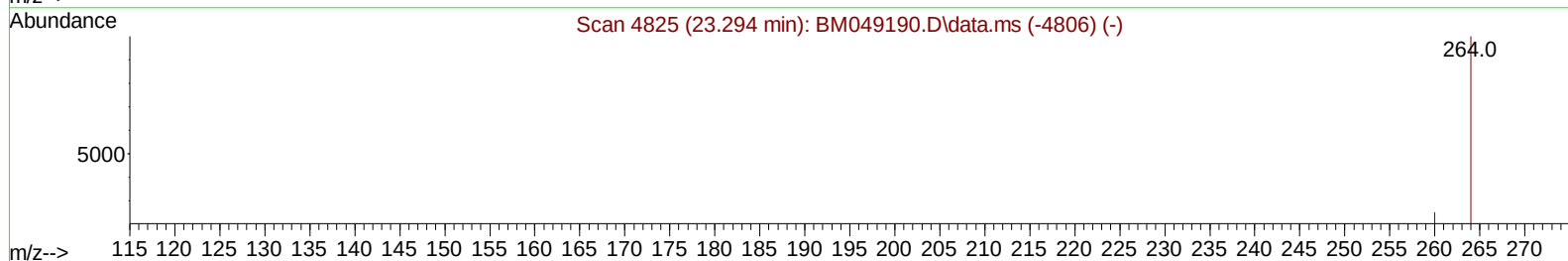
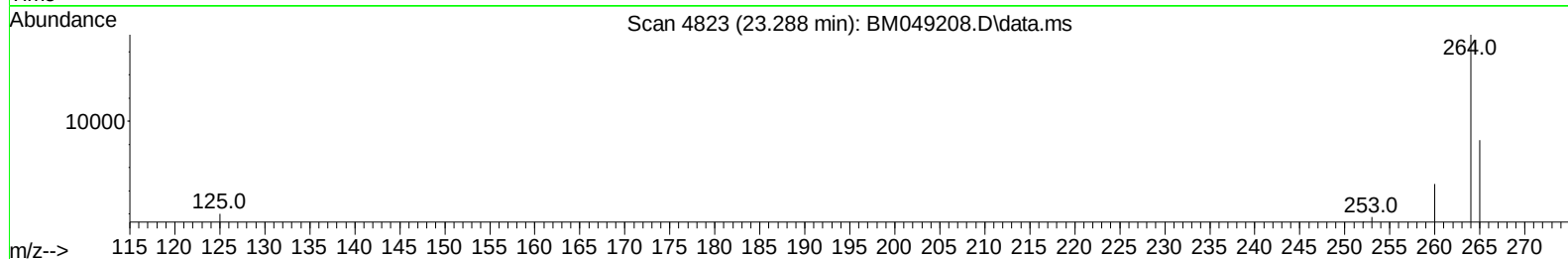
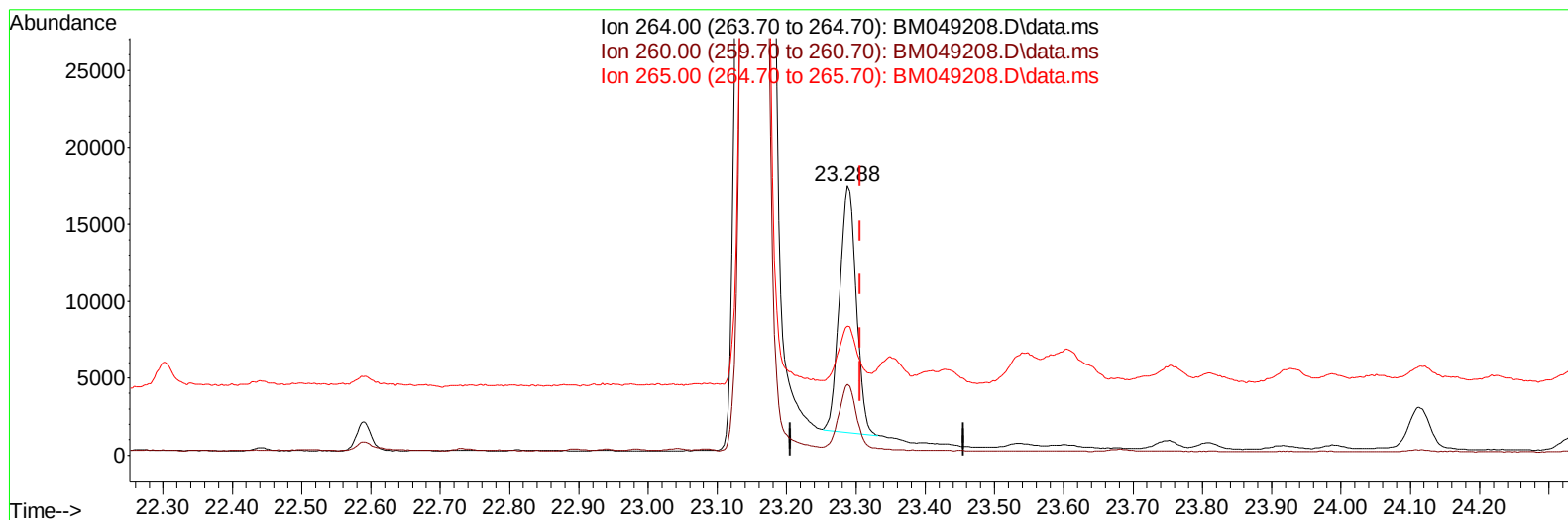
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049208.D
Acq On : 25 Dec 2024 06:10
Operator : RC/JU
Sample : P5333-06
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2909

Manual IntegrationsAPPROVED

Quant Time: Dec 25 06:57:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049208.D\data.ms

(23) Perylene-d12 (I)

23.288min (-0.018) 0.40 ng/ul m

response 26898

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.80	26.29
265.00	78.30	48.02#
0.00	0.00	0.00

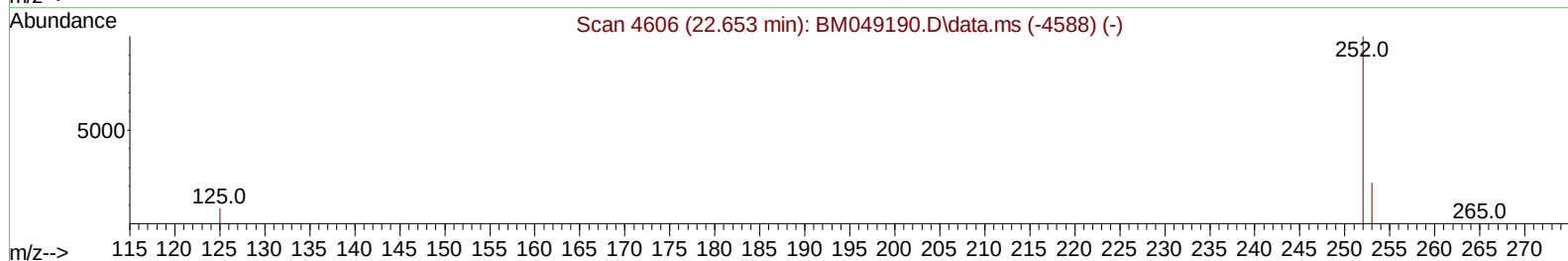
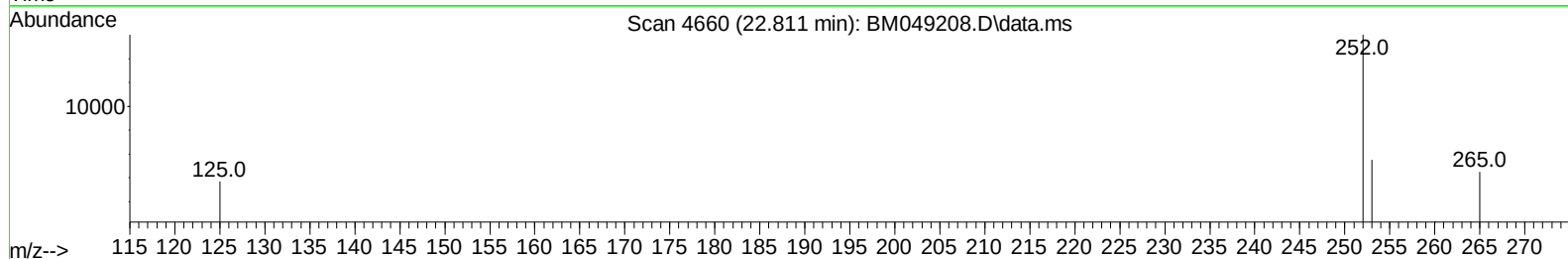
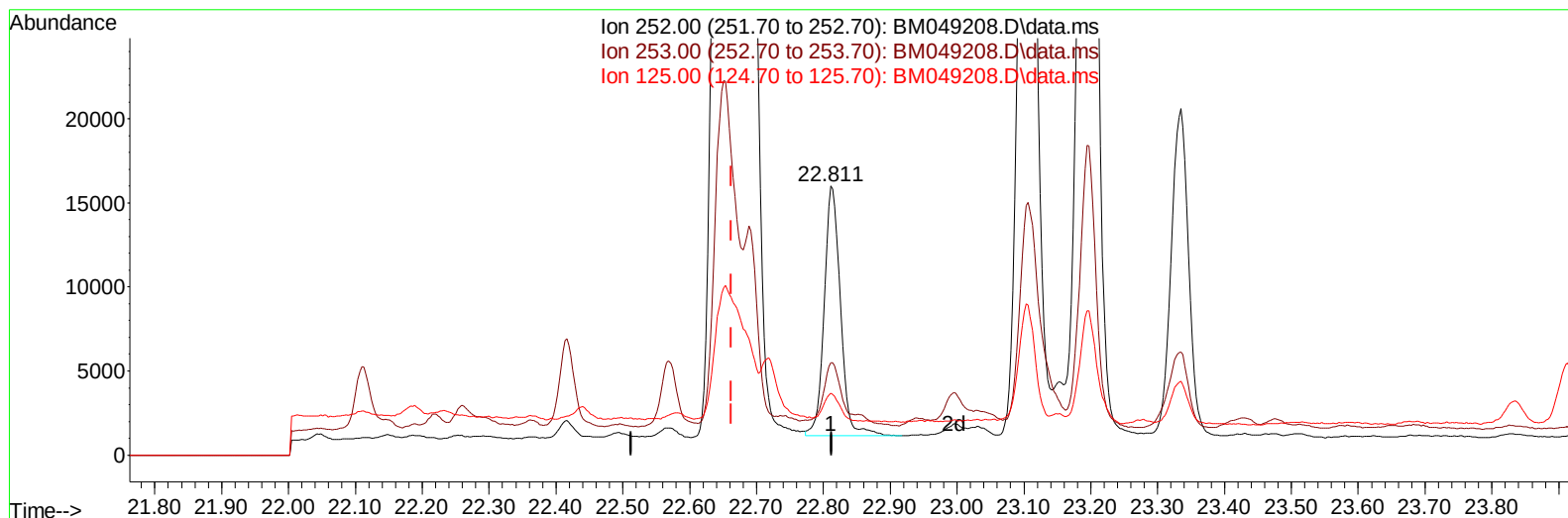
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049208.D
Acq On : 25 Dec 2024 06:10
Operator : RC/JU
Sample : P5333-06
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2909

Manual IntegrationsAPPROVED

Quant Time: Dec 25 06:57:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049208.D\data.ms

(24) Benzo(b)fluoranthene

22.811min (+ 0.149) 0.29 ng/u1

response 25140

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	34.39
125.00	15.40	22.99
0.00	0.00	0.00

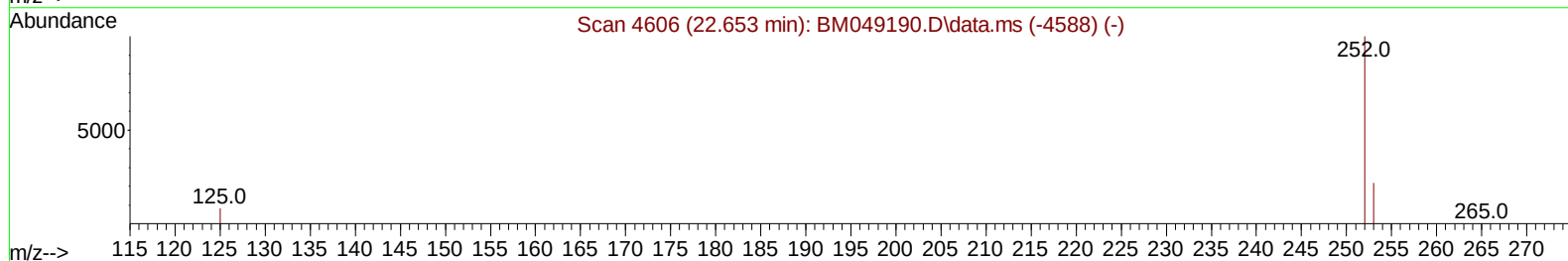
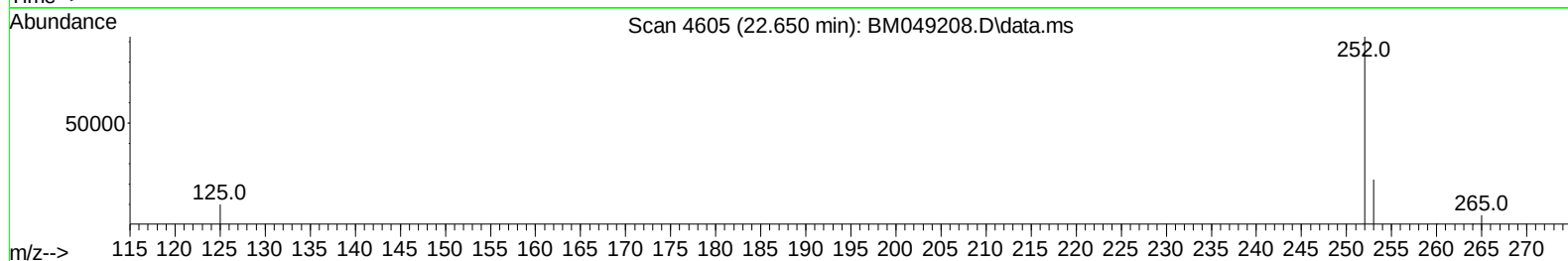
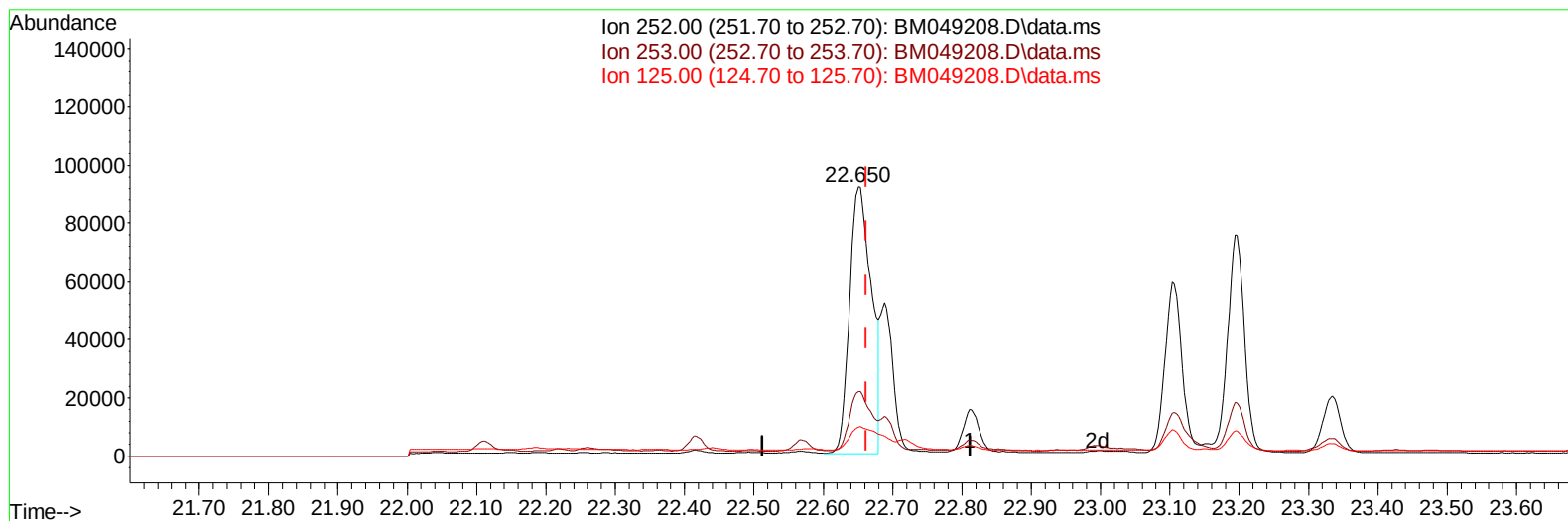
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
 Data File : BM049208.D
 Acq On : 25 Dec 2024 06:10
 Operator : RC/JU
 Sample : P5333-06
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2909

Manual IntegrationsAPPROVED

Quant Time: Dec 25 06:57:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 18 15:33:13 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/26/2024
 Supervised By :mohammad ahmed 12/26/2024



TIC: BM049208.D\data.ms

(24) Benzo(b)fluoranthene

22.650min (-0.012) 2.36 ng/ul m

response 202811

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	24.03
125.00	15.40	10.74
0.00	0.00	0.00

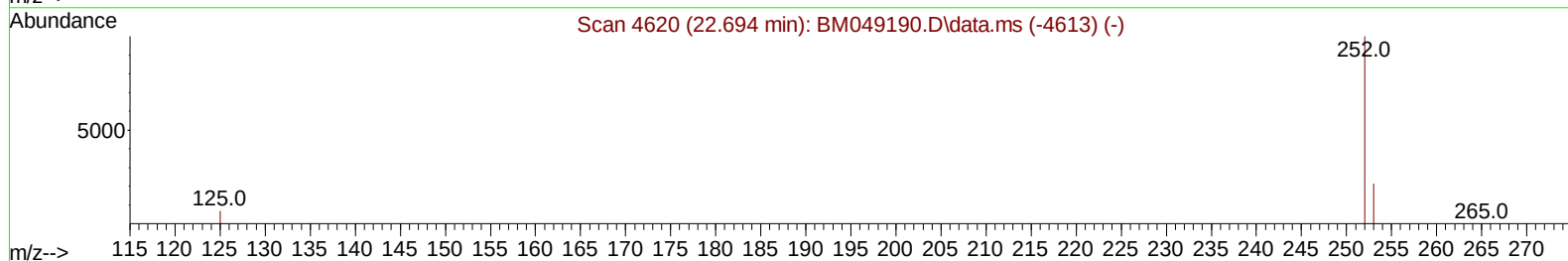
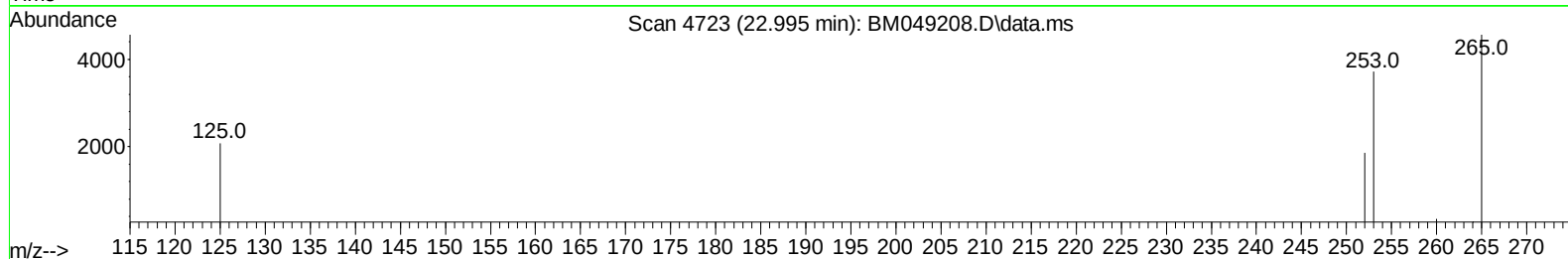
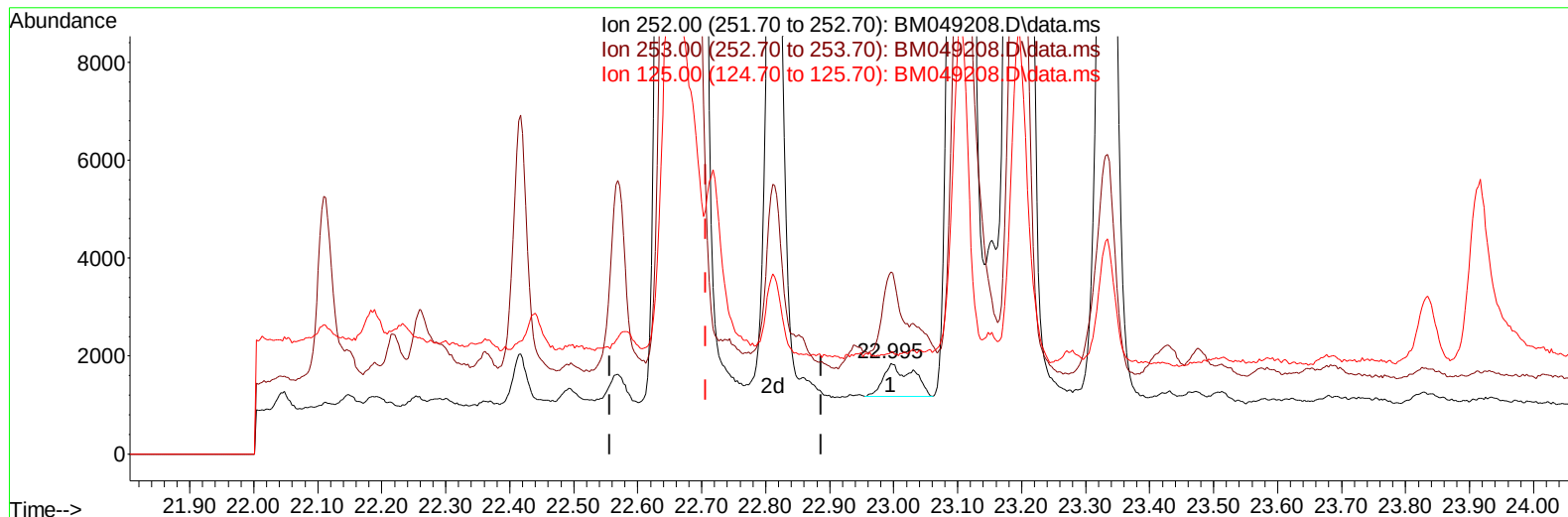
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049208.D
Acq On : 25 Dec 2024 06:10
Operator : RC/JU
Sample : P5333-06
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2909

Manual IntegrationsAPPROVED

Quant Time: Dec 25 06:57:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049208.D\data.ms

(25) Benzo(k)fluoranthene

22.995min (+ 0.289) 0.02 ng/u1

response 2107

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	200.54#
125.00	15.70	112.13#
0.00	0.00	0.00

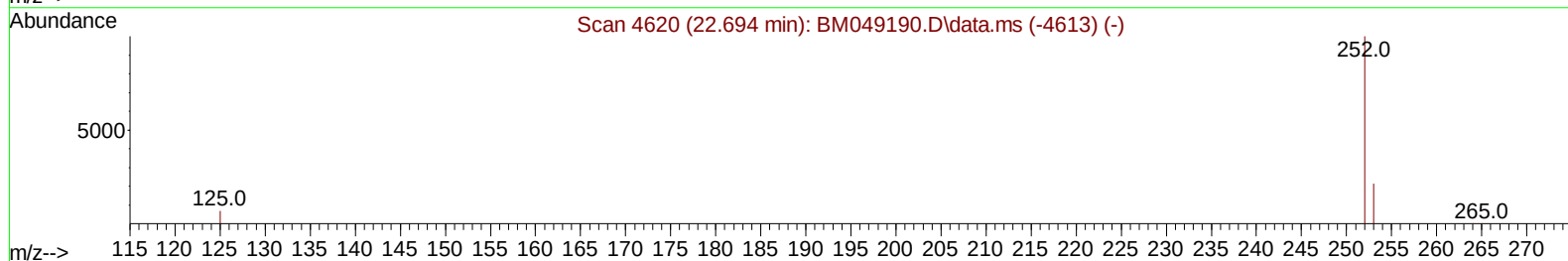
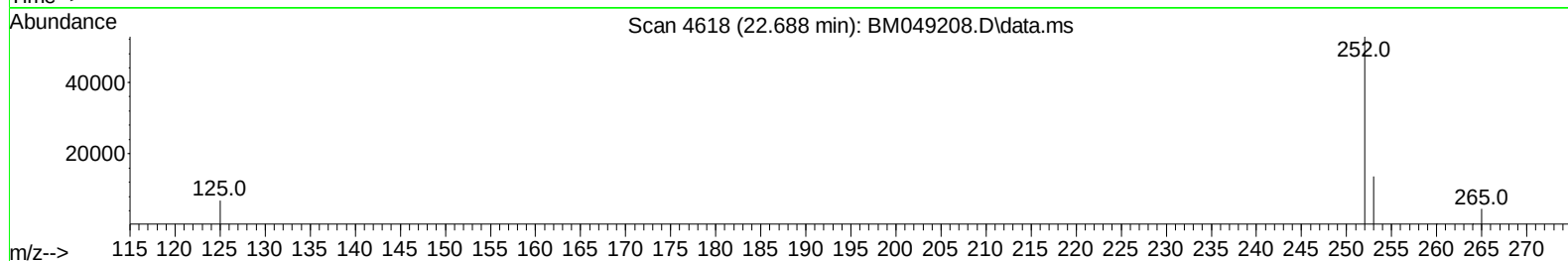
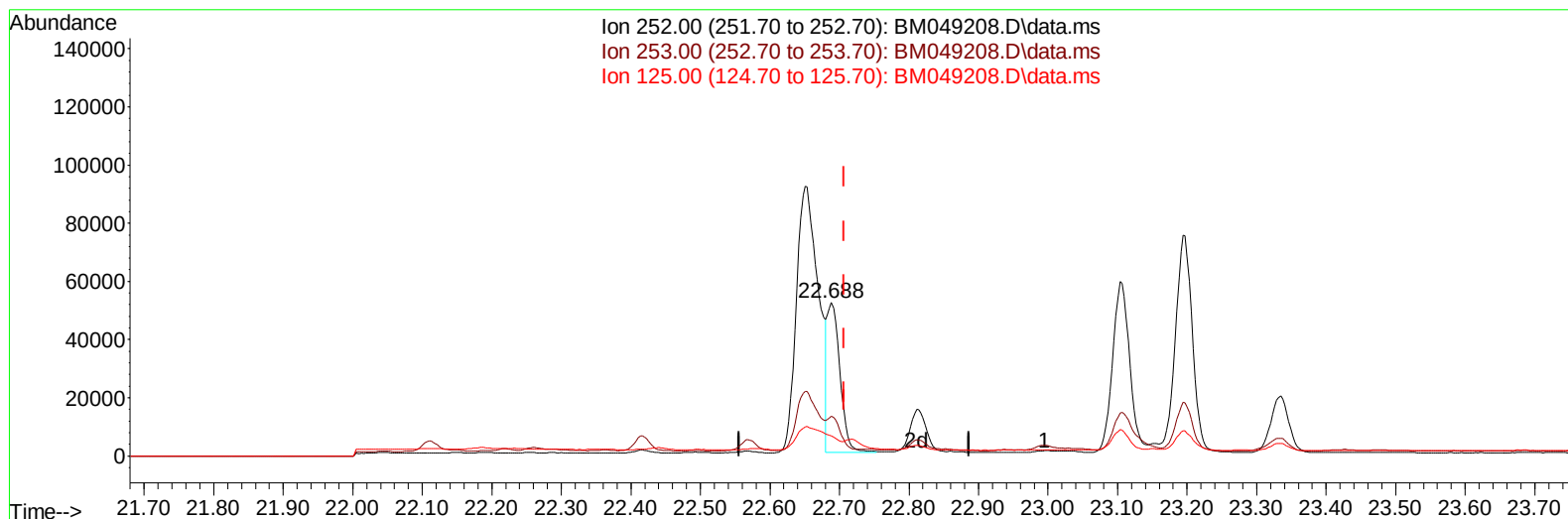
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049208.D
Acq On : 25 Dec 2024 06:10
Operator : RC/JU
Sample : P5333-06
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2909

Manual IntegrationsAPPROVED

Quant Time: Dec 25 06:57:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049208.D\data.ms

(25) Benzo(k)fluoranthene

22.688min (-0.018) 0.70 ng/u1 m

response 65854

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	25.85
125.00	15.70	13.11
0.00	0.00	0.00

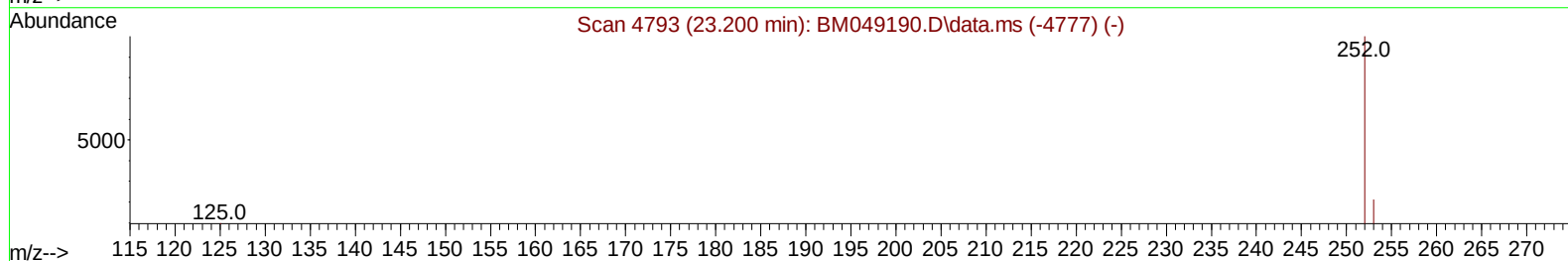
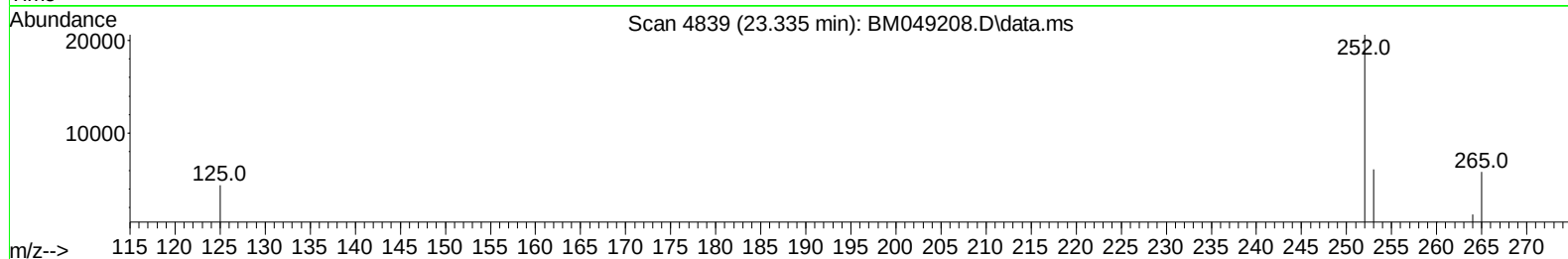
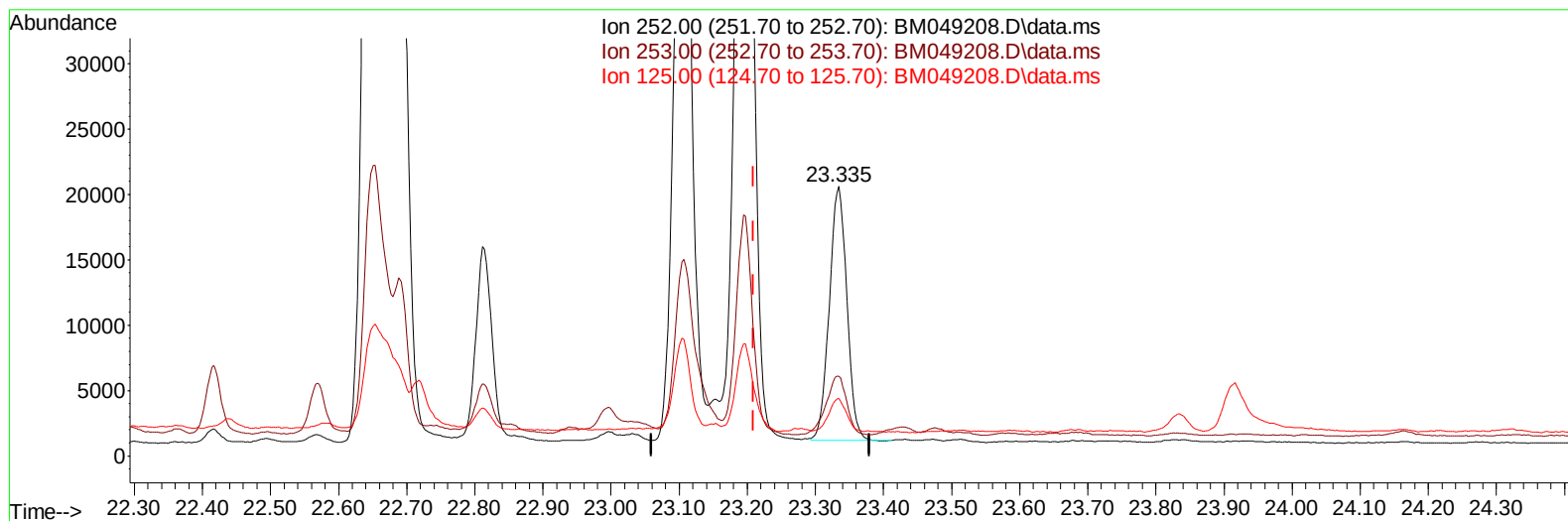
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049208.D
Acq On : 25 Dec 2024 06:10
Operator : RC/JU
Sample : P5333-06
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2909

Manual IntegrationsAPPROVED

Quant Time: Dec 25 06:57:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049208.D\data.ms

(26) Benzo(a)pyrene (C)

23.335min (+ 0.125) 0.42 ng/u1

response 34993

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	29.65
125.00	18.50	21.27
0.00	0.00	0.00

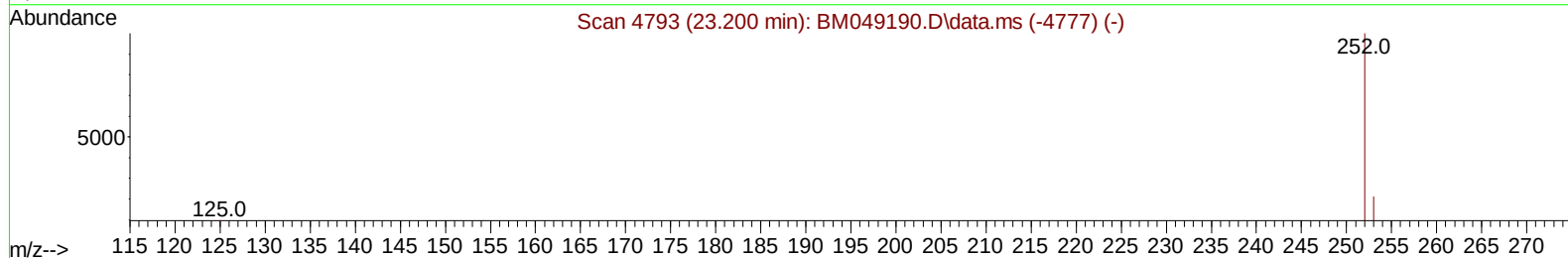
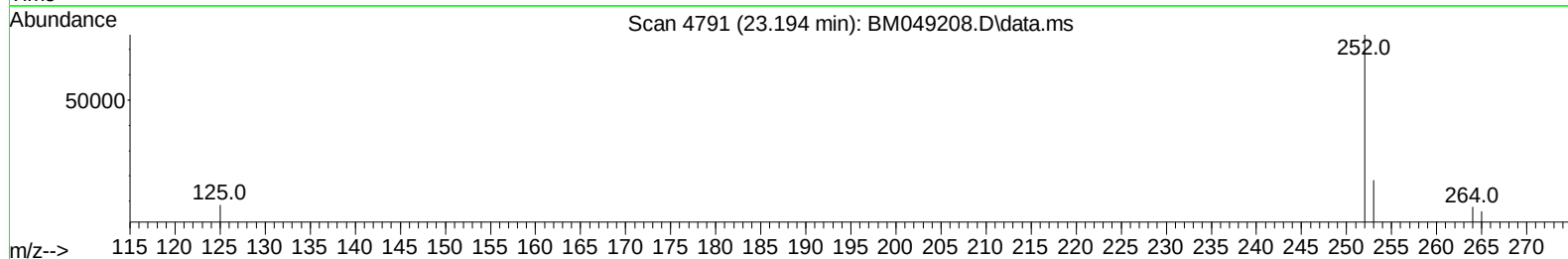
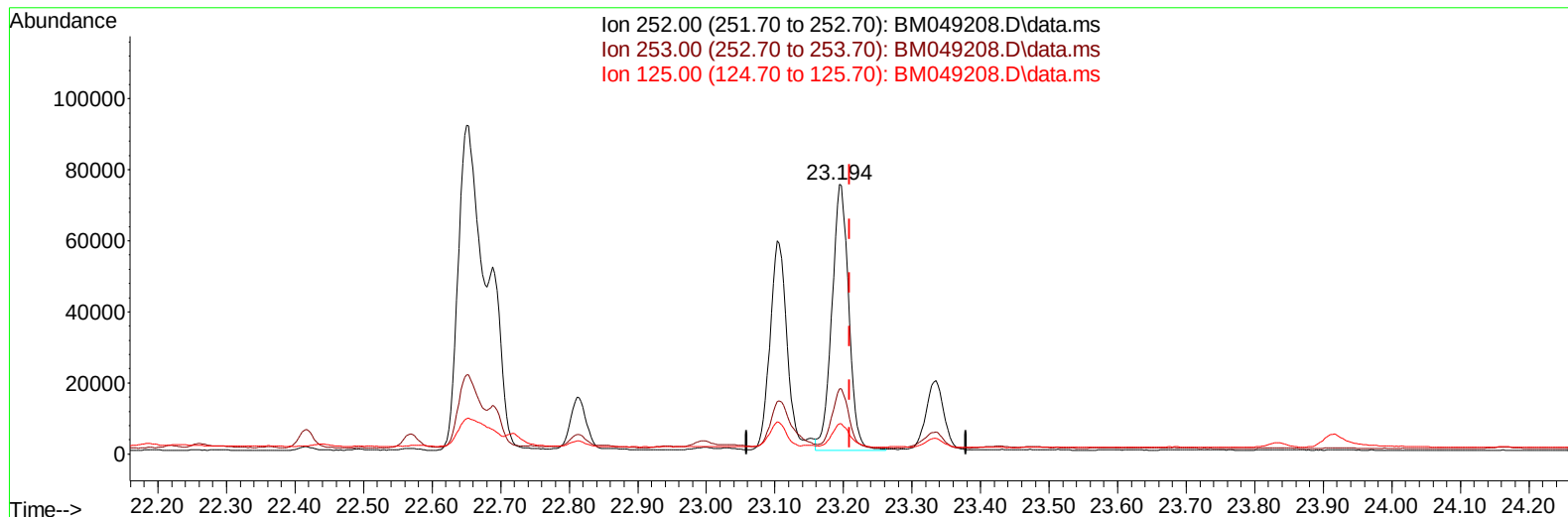
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049208.D
Acq On : 25 Dec 2024 06:10
Operator : RC/JU
Sample : P5333-06
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2909

Manual IntegrationsAPPROVED

Quant Time: Dec 25 06:57:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049208.D\data.ms

(26) Benzo(a)pyrene (C)

23.194min (-0.015) 1.55 ng/ul m

response 128065

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	24.30
125.00	18.50	11.32#
0.00	0.00	0.00

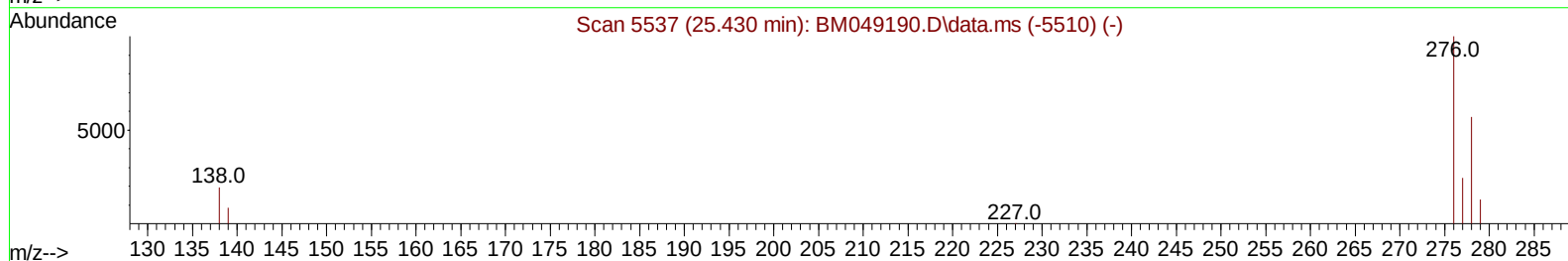
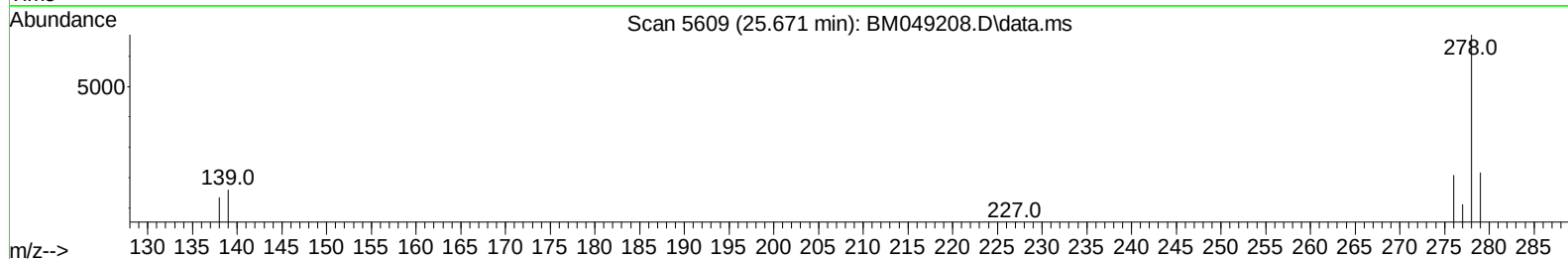
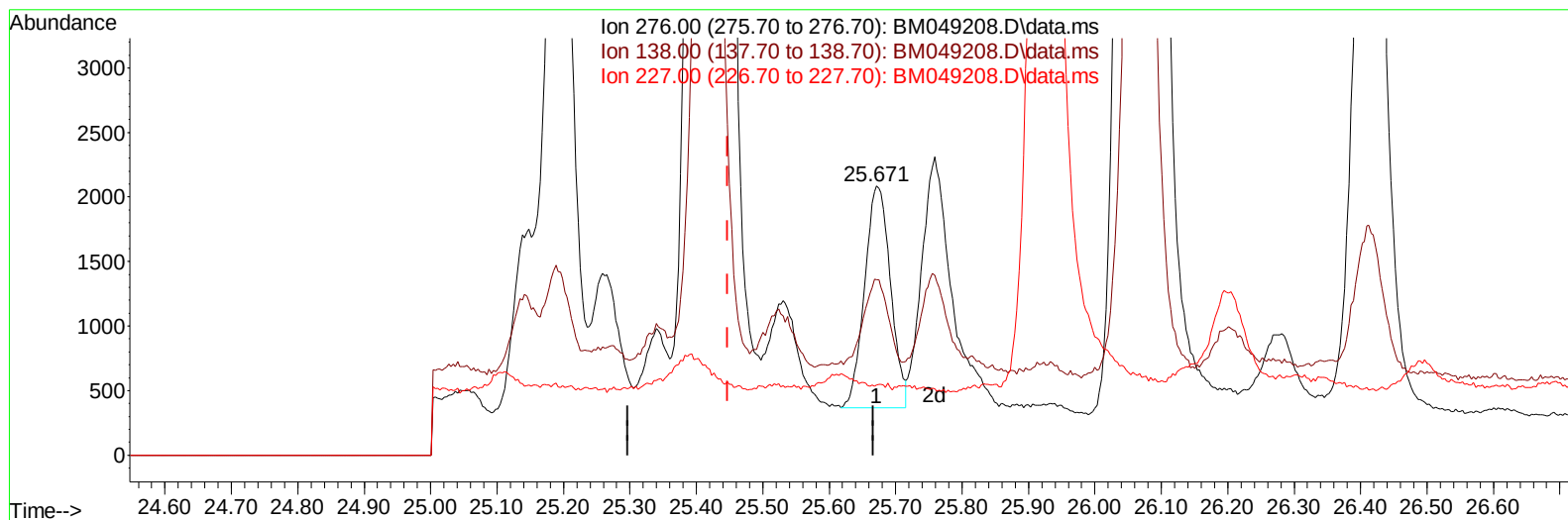
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049208.D
Acq On : 25 Dec 2024 06:10
Operator : RC/JU
Sample : P5333-06
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2909

Manual IntegrationsAPPROVED

Quant Time: Dec 25 06:57:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049208.D\data.ms

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

25.671min (+ 0.224) 0.04 ng/u1

response 4664

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.80	37.97#
227.00	0.20	0.00#
0.00	0.00	0.00

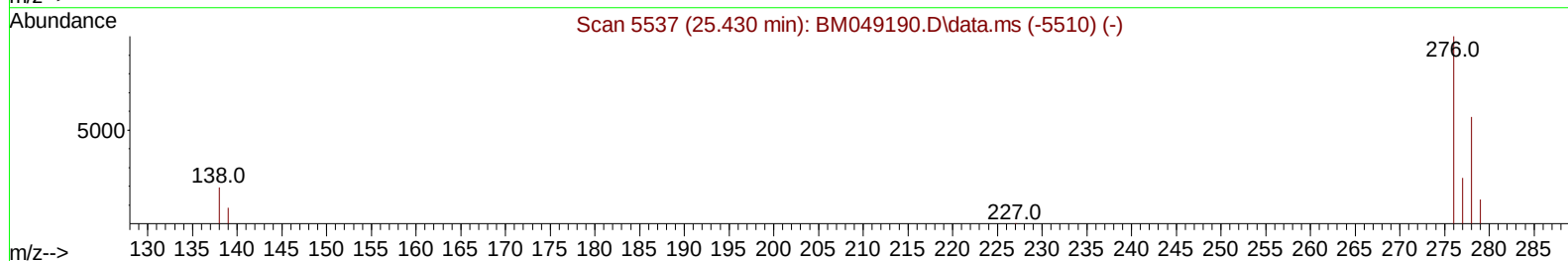
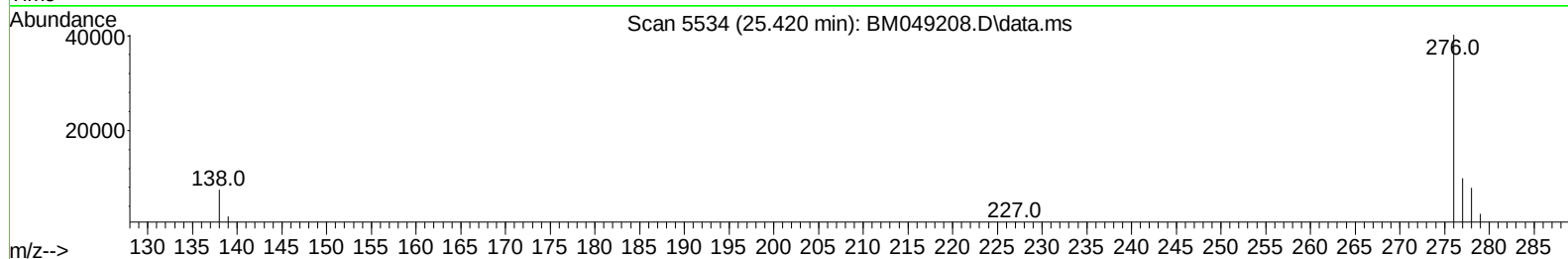
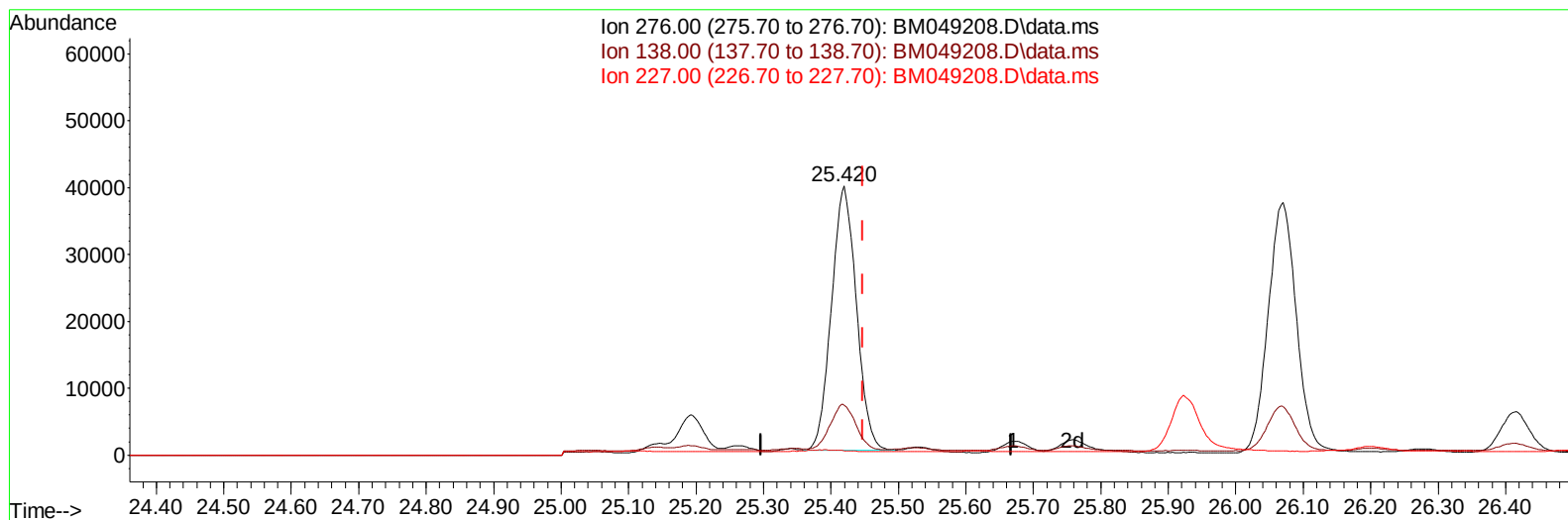
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049208.D
Acq On : 25 Dec 2024 06:10
Operator : RC/JU
Sample : P5333-06
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2909

Manual IntegrationsAPPROVED

Quant Time: Dec 25 06:57:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049208.D\data.ms

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

25.420min (-0.027) 0.87 ng/ul m

response 101287

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.80	1.75#
227.00	0.20	0.00#
0.00	0.00	0.00

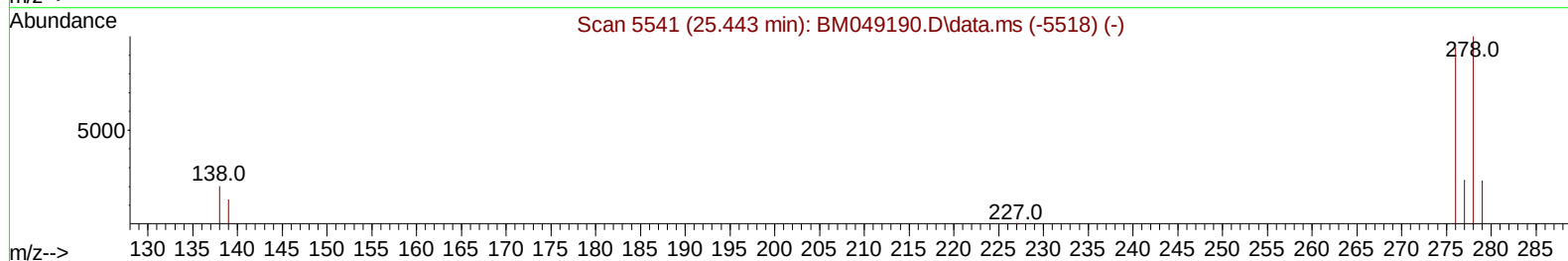
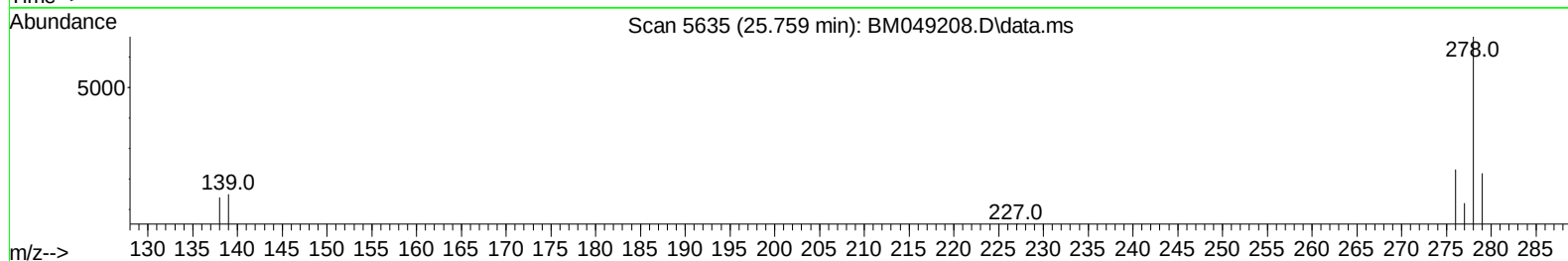
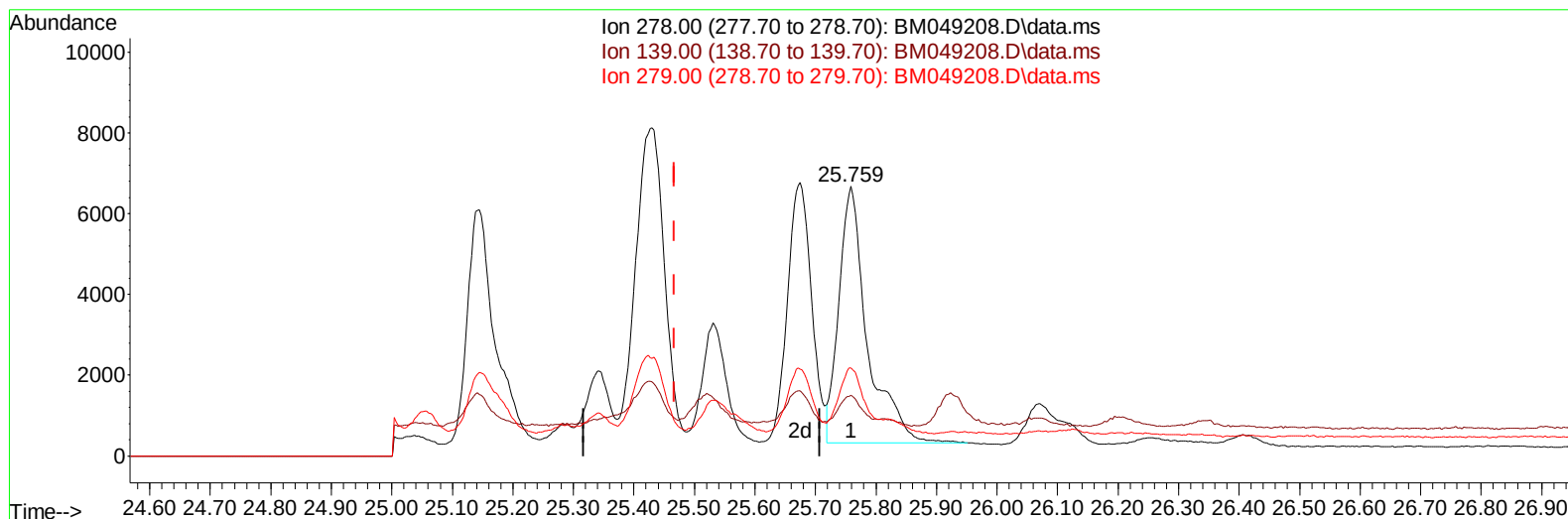
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049208.D
Acq On : 25 Dec 2024 06:10
Operator : RC/JU
Sample : P5333-06
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2909

Manual IntegrationsAPPROVED

Quant Time: Dec 25 06:57:32 2024
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TIC: BM049208.D\data.ms

(28) Dibenzo(a,h)anthracene

25.759min (+ 0.291) 0.23 ng/u1

response 20716

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	16.90	22.46#
279.00	26.90	32.59#
0.00	0.00	0.00

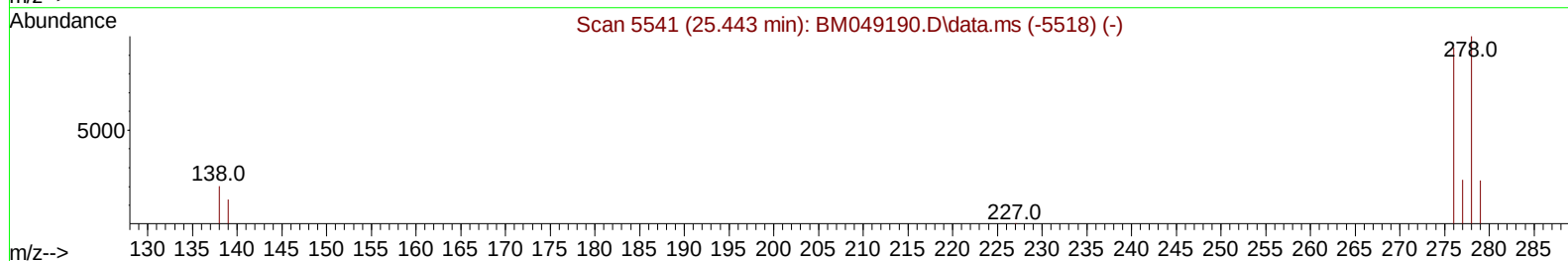
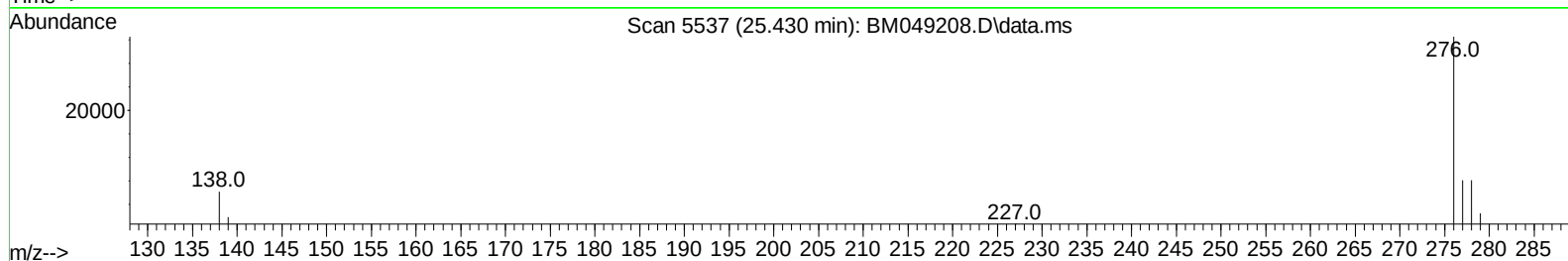
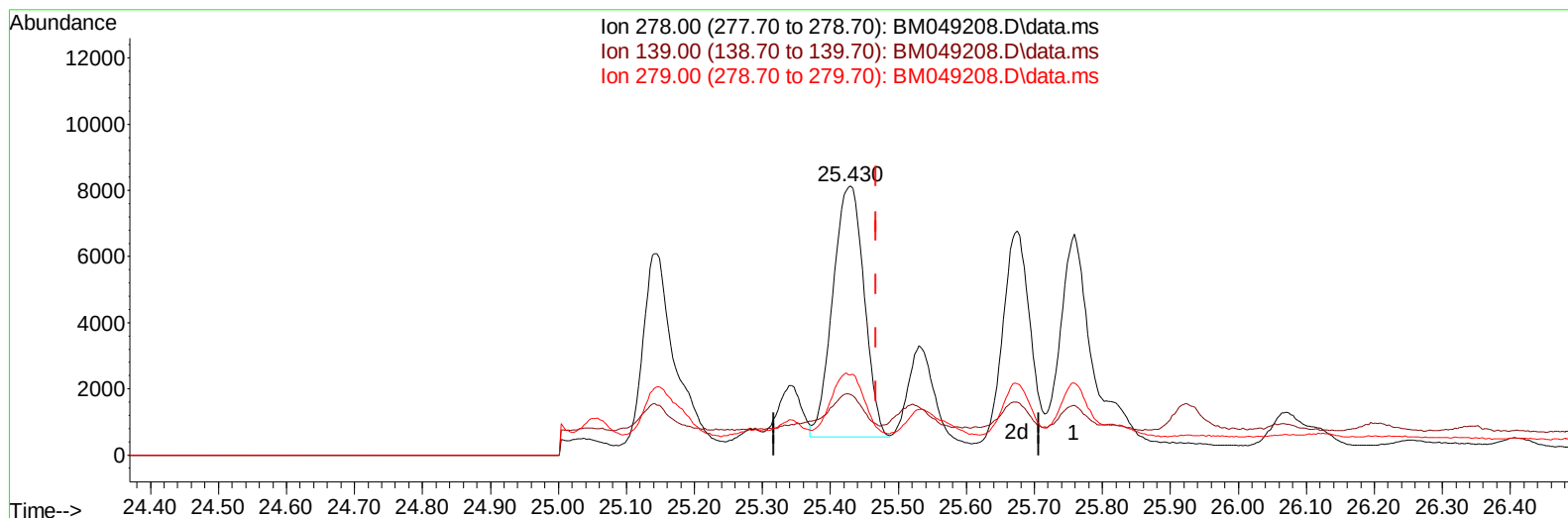
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049208.D
Acq On : 25 Dec 2024 06:10
Operator : RC/JU
Sample : P5333-06
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2909

Manual IntegrationsAPPROVED

Quant Time: Dec 25 06:57:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
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TIC: BM049208.D\data.ms

(28) Dibenzo(a,h)anthracene

25.430min (-0.037) 0.27 ng/ul m

response 24304

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	16.90	22.54#
279.00	26.90	29.81
0.00	0.00	0.00

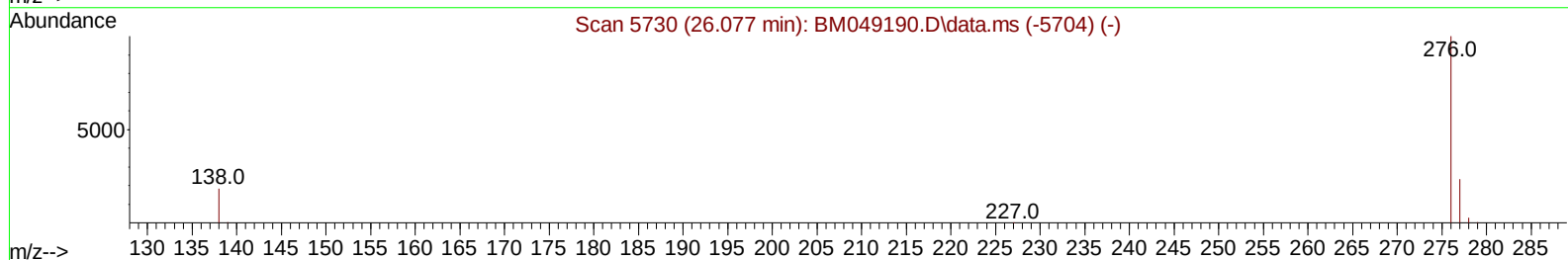
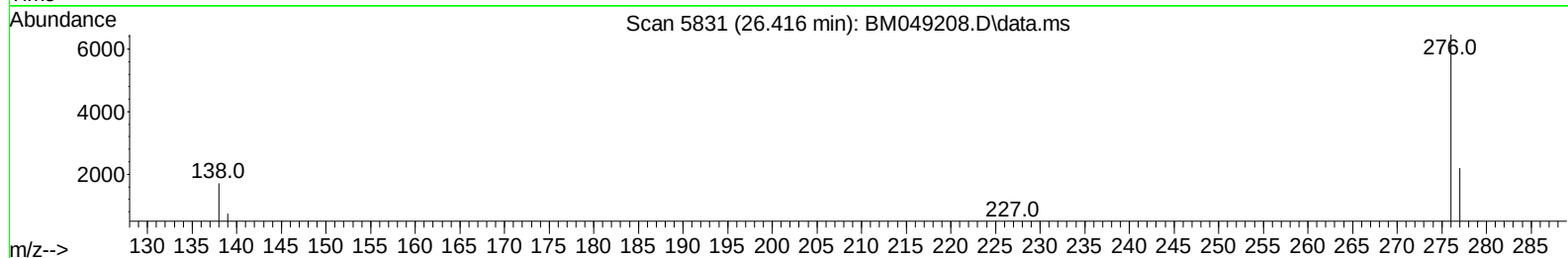
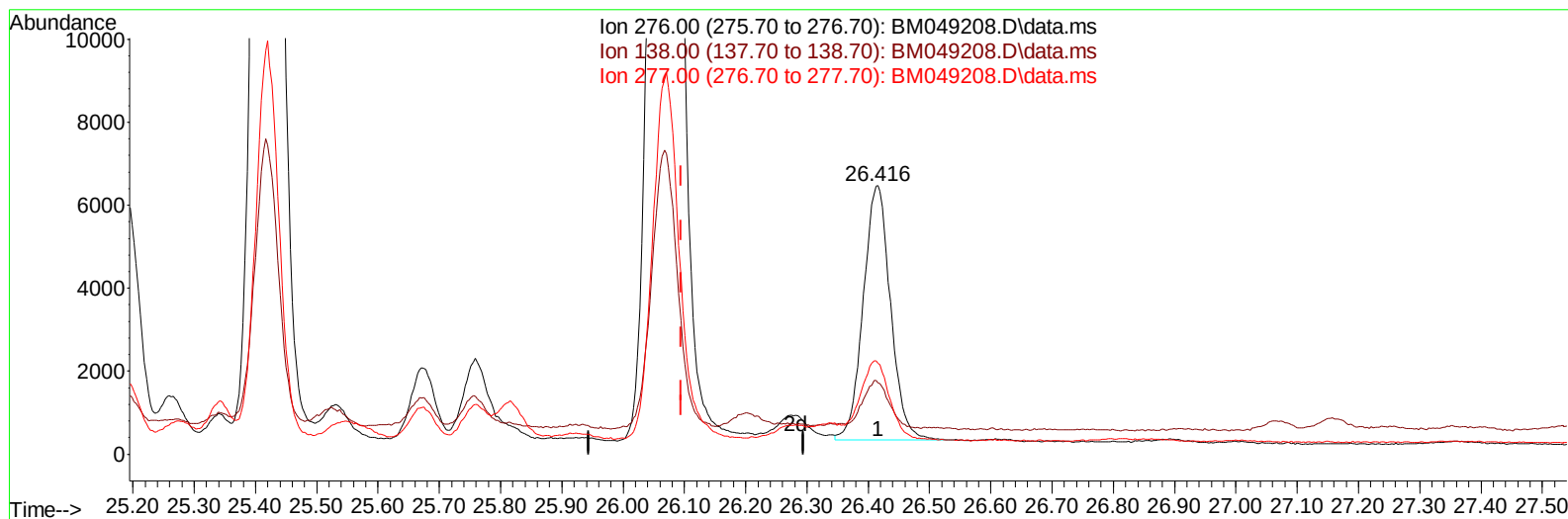
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049208.D
Acq On : 25 Dec 2024 06:10
Operator : RC/JU
Sample : P5333-06
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2909

Manual IntegrationsAPPROVED

Quant Time: Dec 25 06:57:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
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TIC: BM049208.D\data.ms

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

26.416min (+ 0.321) 0.20 ng/u1

response 19015

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.90	26.58#
277.00	24.90	33.83#
0.00	0.00	0.00

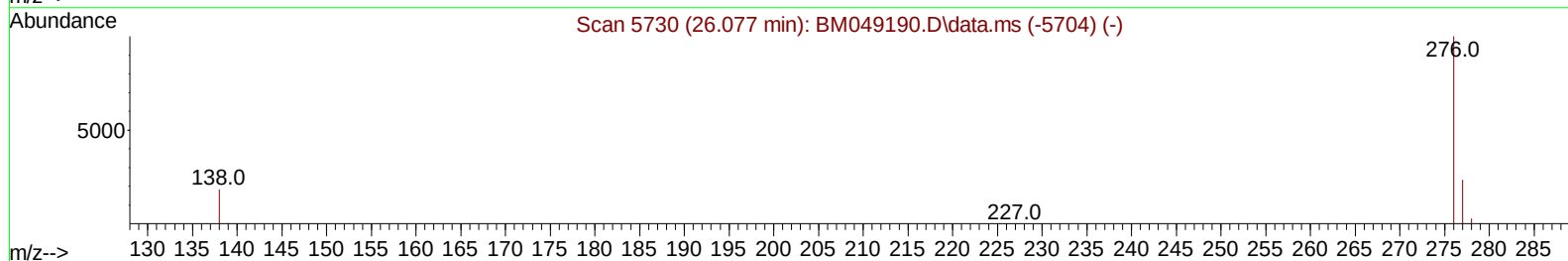
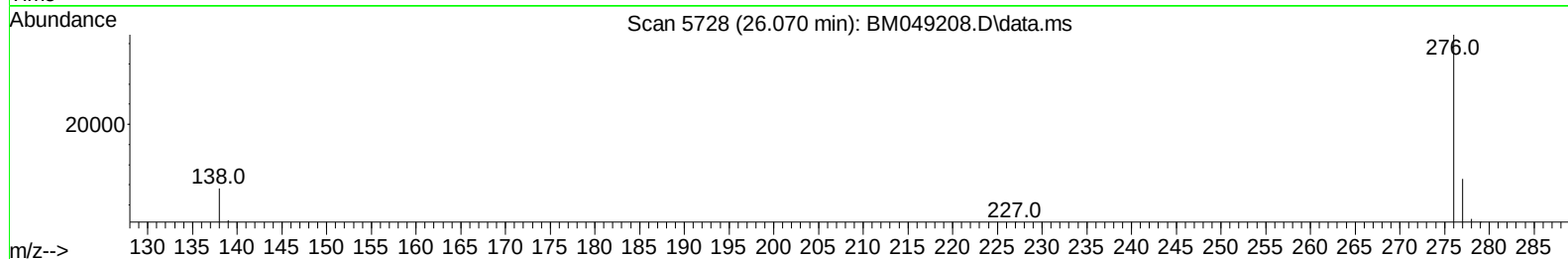
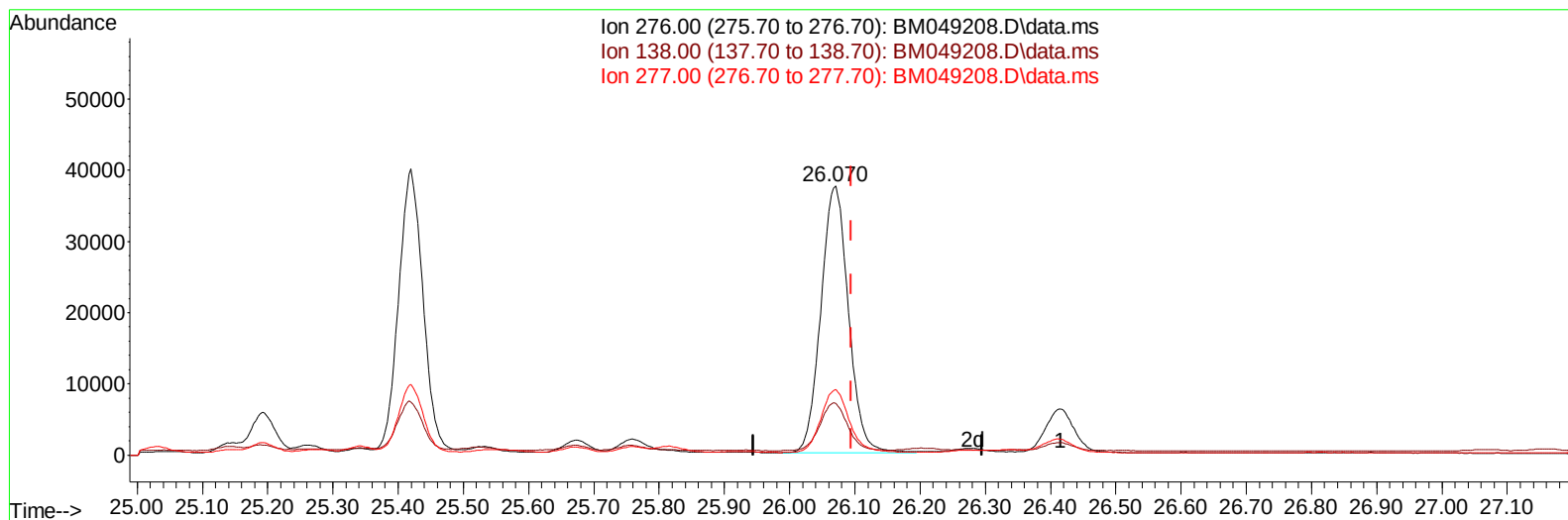
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049208.D
Acq On : 25 Dec 2024 06:10
Operator : RC/JU
Sample : P5333-06
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2909

Manual IntegrationsAPPROVED

Quant Time: Dec 25 06:57:32 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
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TIC: BM049208.D\data.ms

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

26.070min (-0.024) 1.18 ng/ul m

response 110520

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.90	19.16
277.00	24.90	24.33
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
 Data File : BM049208.D
 Acq On : 25 Dec 2024 06:10
 Operator : RC/JU
 Sample : P5333-06
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2909

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/26/2024
 Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 25 06:57:32 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 18 15:33:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.548	152	7840	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.304	136	25080	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.183	164	14357	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.934	188	33392m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.134	240	28586m	0.400	ng/ul	-0.01
23) Perylene-d12	23.288	264	26898m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	38263	4.232	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.904	152	9165	0.272	ng/ul	-0.02
18) Fluoranthene-d10	18.969	212	19885m	0.245	ng/ul	-0.01
Target Compounds						
						Qvalue
5) Naphthalene	10.359	128	17779	0.283	ng/ul	98
7) 2-Methylnaphthalene	11.981	142	7982	0.201	ng/ul	96
8) 1-Methylnaphthalene	12.201	142	6069	0.149	ng/ul	99
10) Acenaphthylene	13.901	152	9861	0.166	ng/ul#	87
11) Acenaphthene	14.248	153	3944	0.091	ng/ul	98
12) Fluorene	15.238	166	6158	0.126	ng/ul#	96
15) Phenanthrene	16.972	178	123966m	1.421	ng/ul	
16) Anthracene	17.065	178	26995m	0.337	ng/ul	
19) Fluoranthene	18.997	202	315118m	3.049	ng/ul	
20) Pyrene	19.364	202	264778m	2.402	ng/ul	
21) Benzo(a)anthracene	21.119	228	147343m	1.482	ng/ul	
22) Chrysene	21.172	228	157221m	1.473	ng/ul	
24) Benzo(b)fluoranthene	22.650	252	202811m	2.360	ng/ul	
25) Benzo(k)fluoranthene	22.688	252	65854m	0.698	ng/ul	
26) Benzo(a)pyrene	23.194	252	128065m	1.554	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.420	276	101287m	0.868	ng/ul	
28) Dibenzo(a,h)anthracene	25.430	278	24304m	0.268	ng/ul	
29) Benzo(g,h,i)perylene	26.070	276	110520m	1.178	ng/ul	

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

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Data File : BM049208.D
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Sample : P5333-06
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2909

Manual IntegrationsAPPROVED

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