

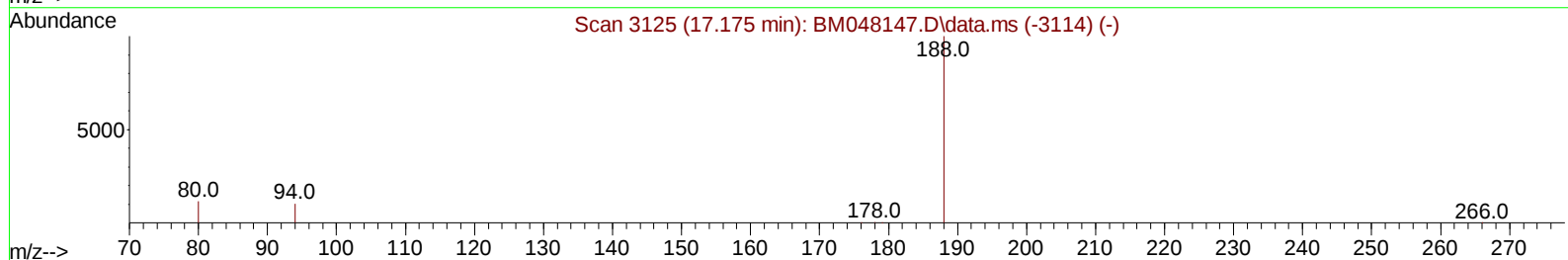
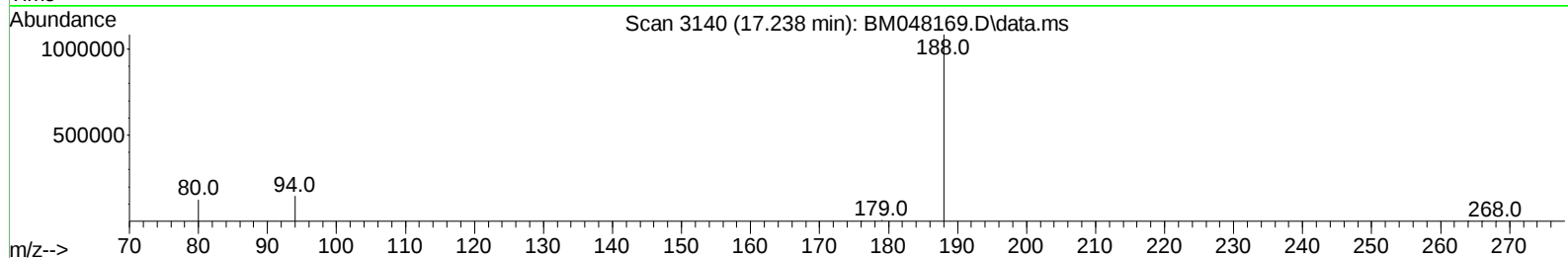
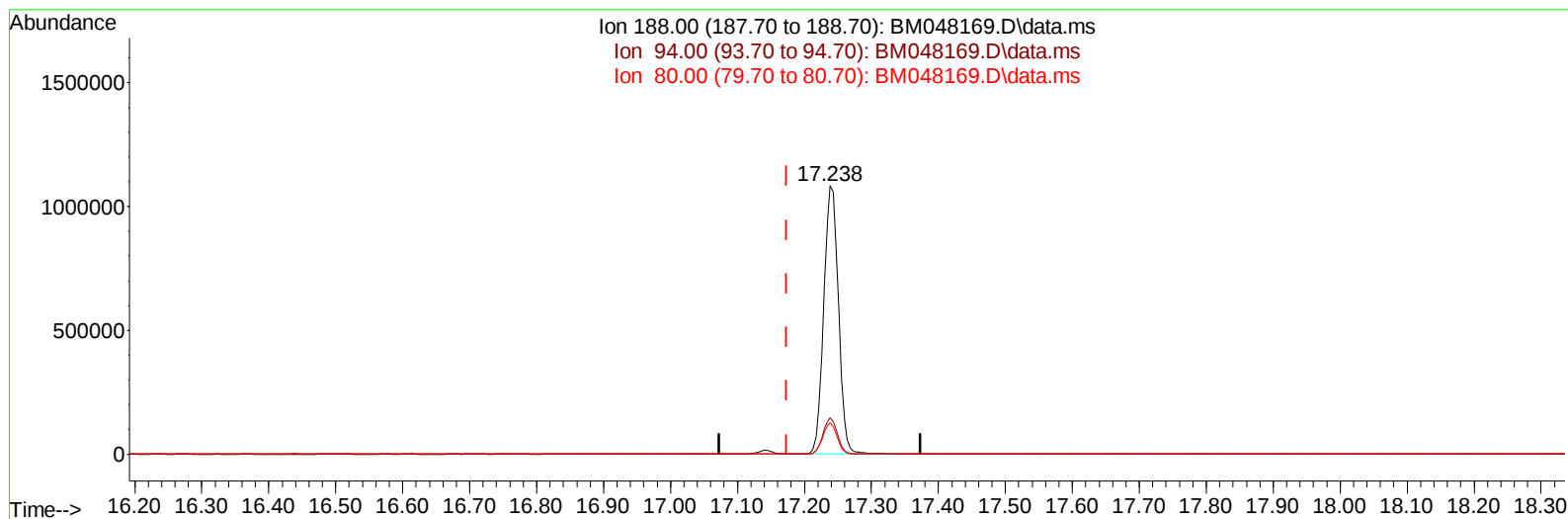
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048169.D
Acq On : 22 Oct 2024 00:15
Operator : RC/JU
Sample : P4380-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H2

Manual IntegrationsAPPROVED

Quant Time: Oct 22 00:45:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:11:55 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



TIC: BM048169.D\data.ms

(13) Phenanthrene-d10 (I)

17.238min (+ 0.065) 0.40 ng/u1

response 1644409

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.80	13.49
80.00	12.40	11.60
0.00	0.00	0.00

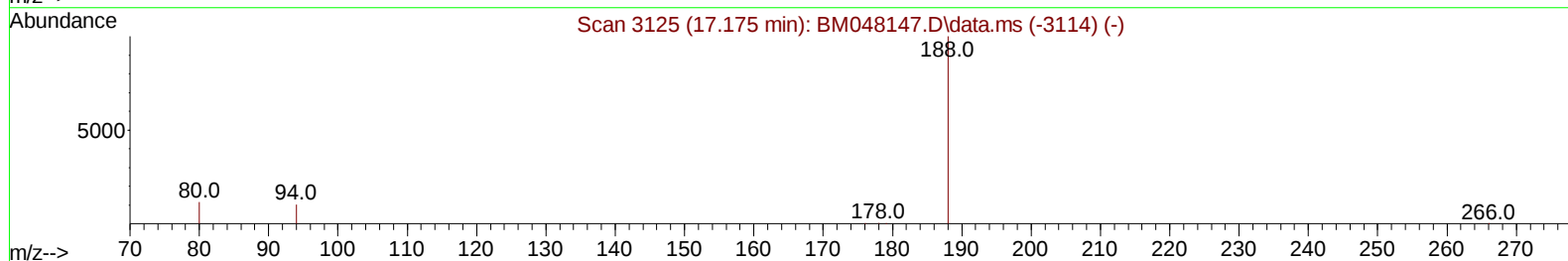
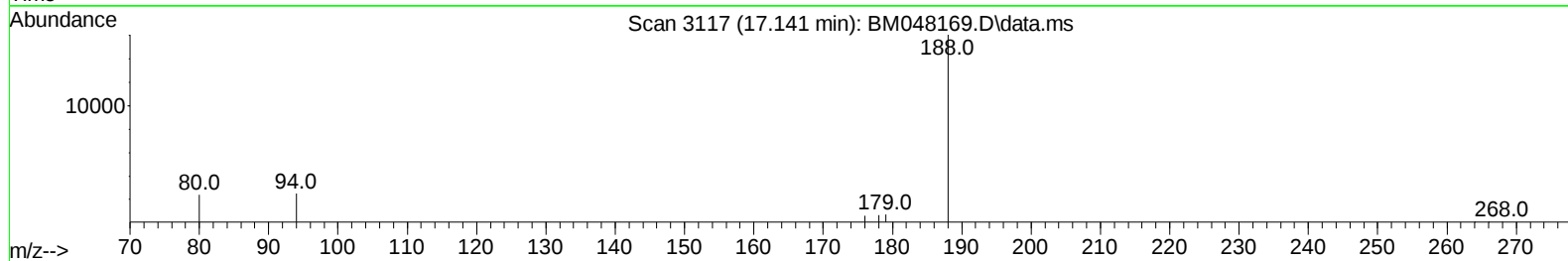
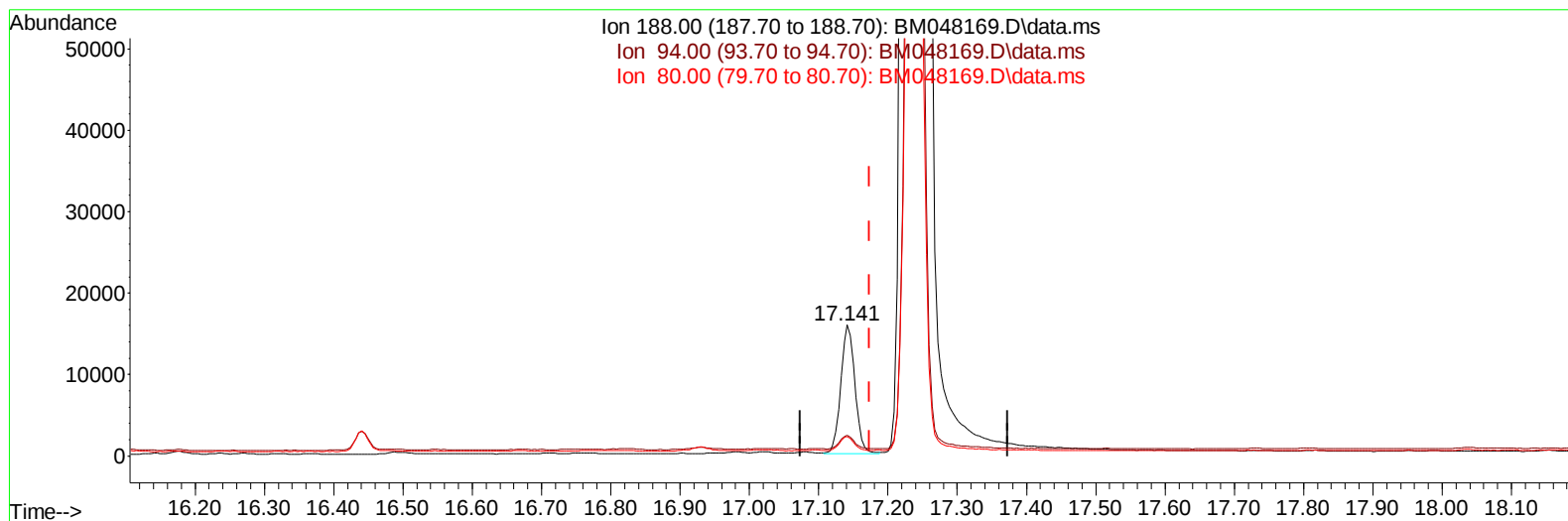
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048169.D
Acq On : 22 Oct 2024 00:15
Operator : RC/JU
Sample : P4380-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H2

Manual IntegrationsAPPROVED

Quant Time: Oct 22 00:45:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:11:55 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



TIC: BM048169.D\data.ms

(13) Phenanthrene-d10 (I)

17.141min (-0.033) 0.40 ng/ul m

response 22487

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.80	15.79#
80.00	12.40	15.00#
0.00	0.00	0.00

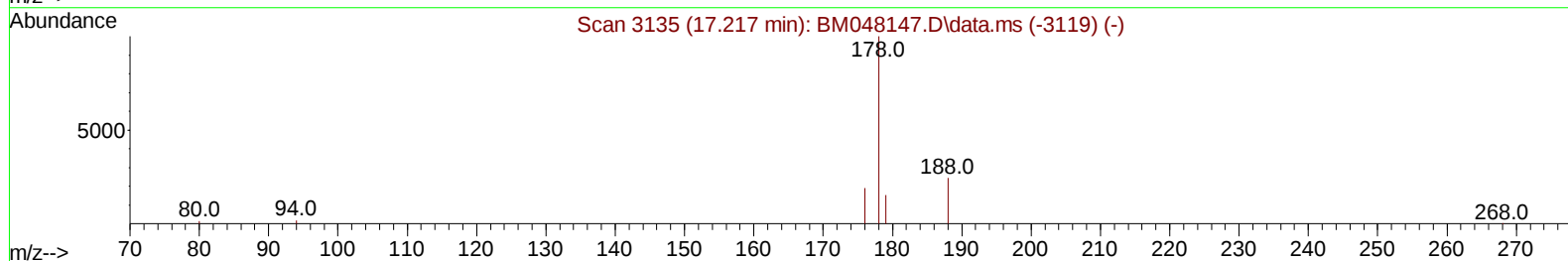
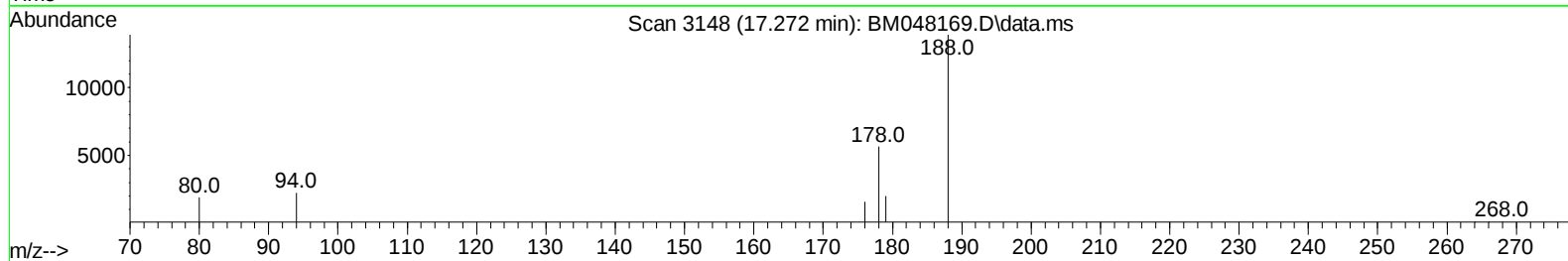
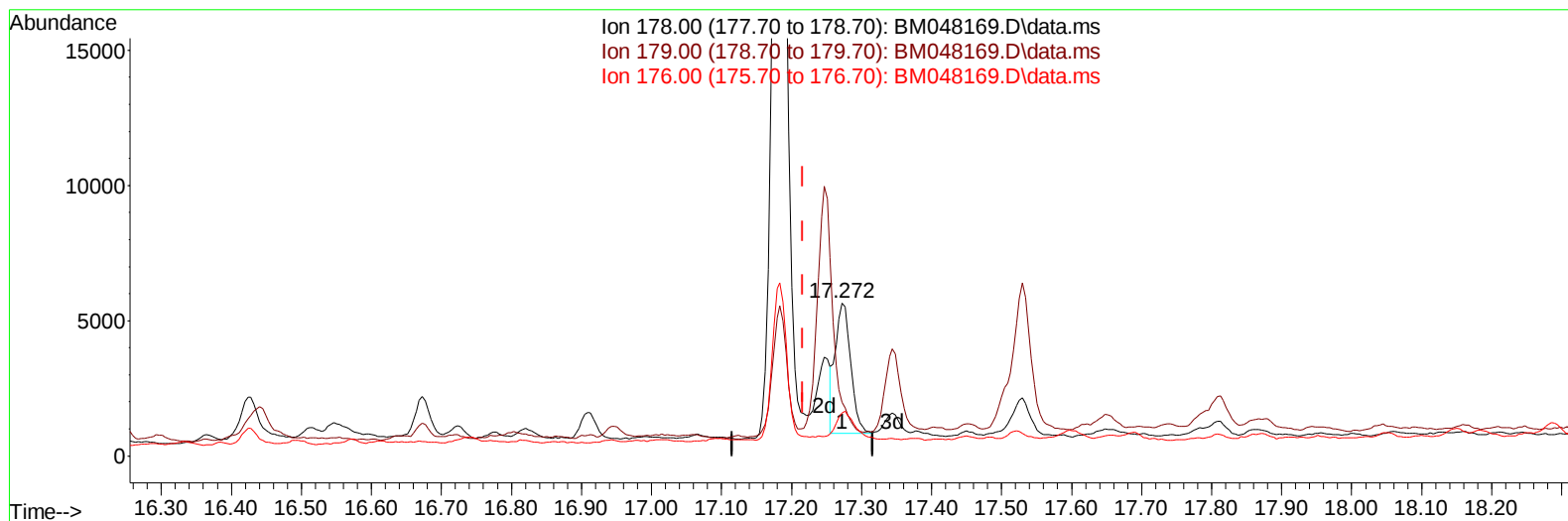
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048169.D
Acq On : 22 Oct 2024 00:15
Operator : RC/JU
Sample : P4380-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H2

Manual IntegrationsAPPROVED

Quant Time: Oct 22 00:45:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:11:55 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



TIC: BM048169.D\data.ms

(15) Phenanthrene

17.272min (+ 0.056) 0.13 ng/u1

response 7263

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.50	35.29#
176.00	20.00	28.16#
0.00	0.00	0.00

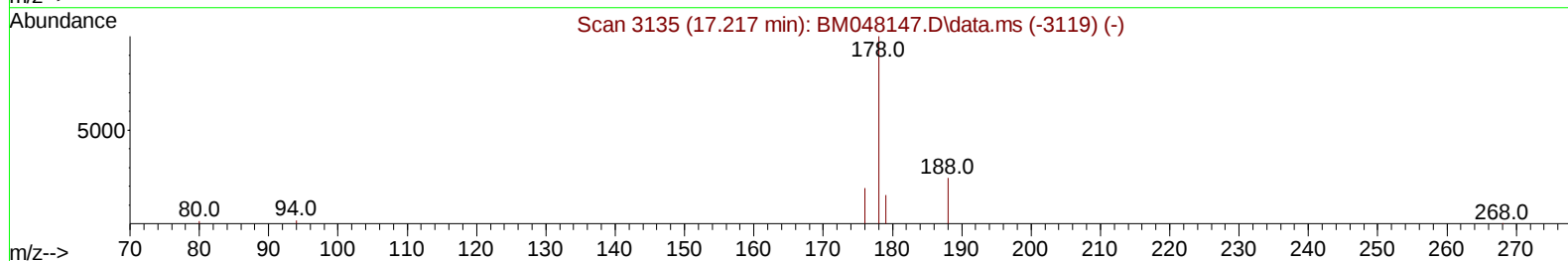
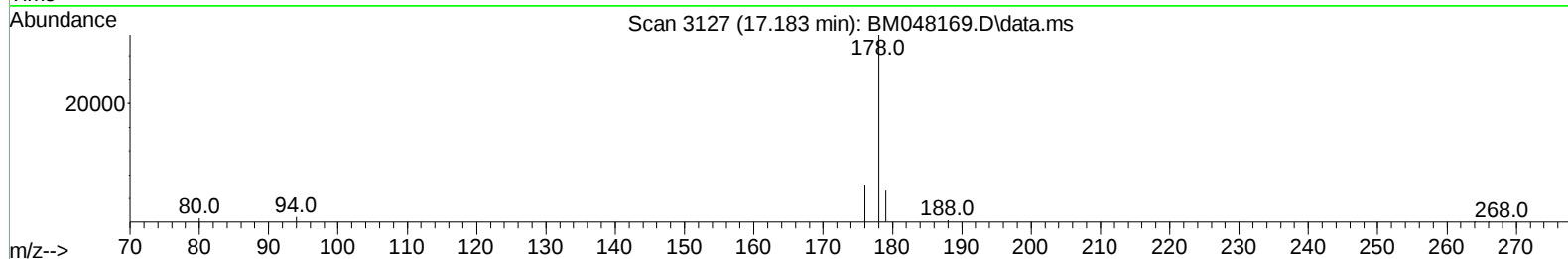
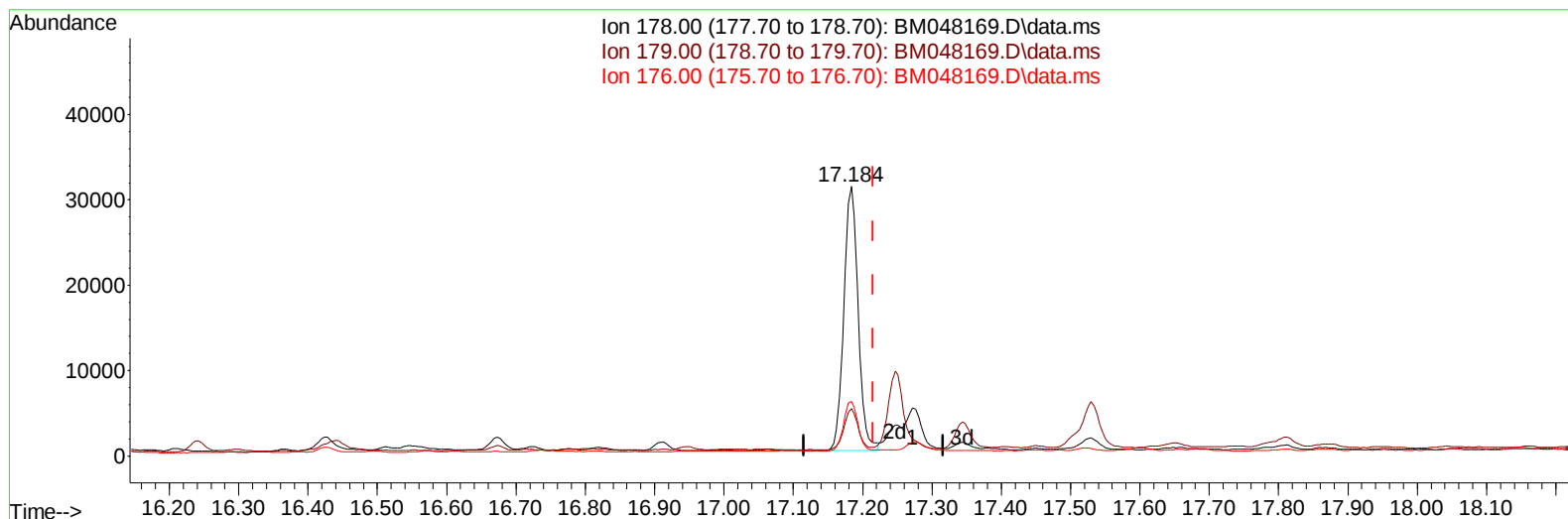
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048169.D
Acq On : 22 Oct 2024 00:15
Operator : RC/JU
Sample : P4380-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H2

Manual IntegrationsAPPROVED

Quant Time: Oct 22 00:45:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:11:55 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



TIC: BM048169.D\data.ms

(15) Phenanthrene

17.183min (-0.033) 0.78 ng/u1 m

response 44234

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.50	17.58
176.00	20.00	20.29
0.00	0.00	0.00

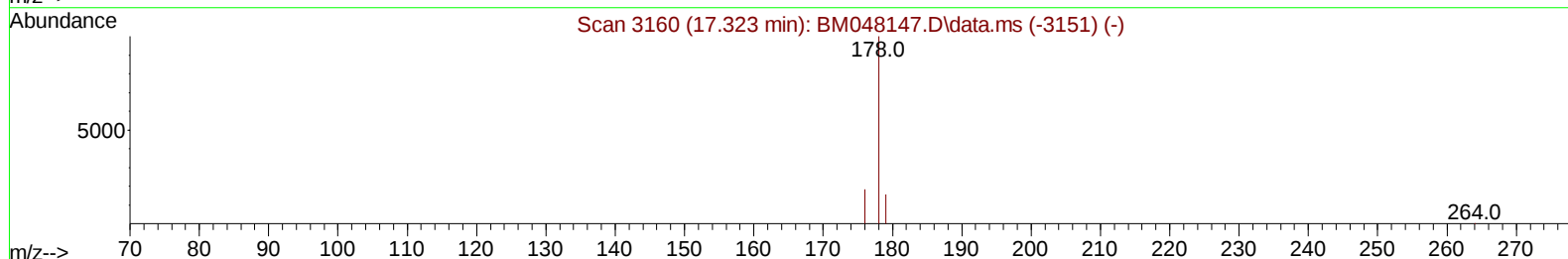
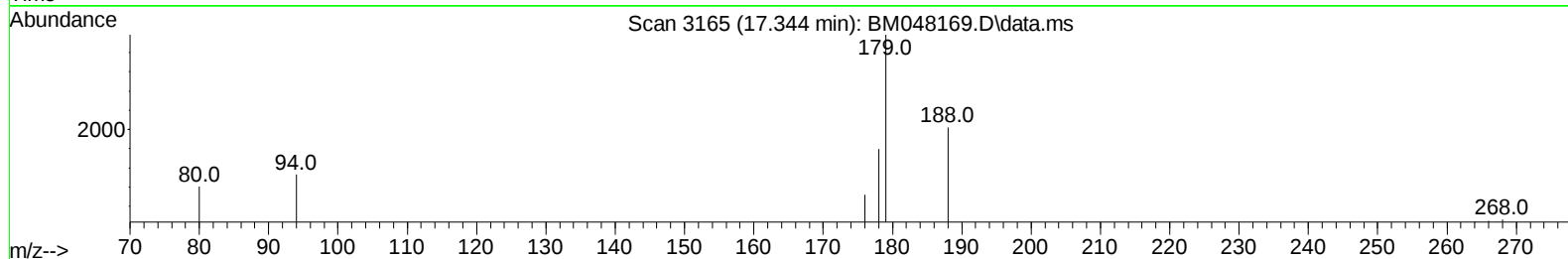
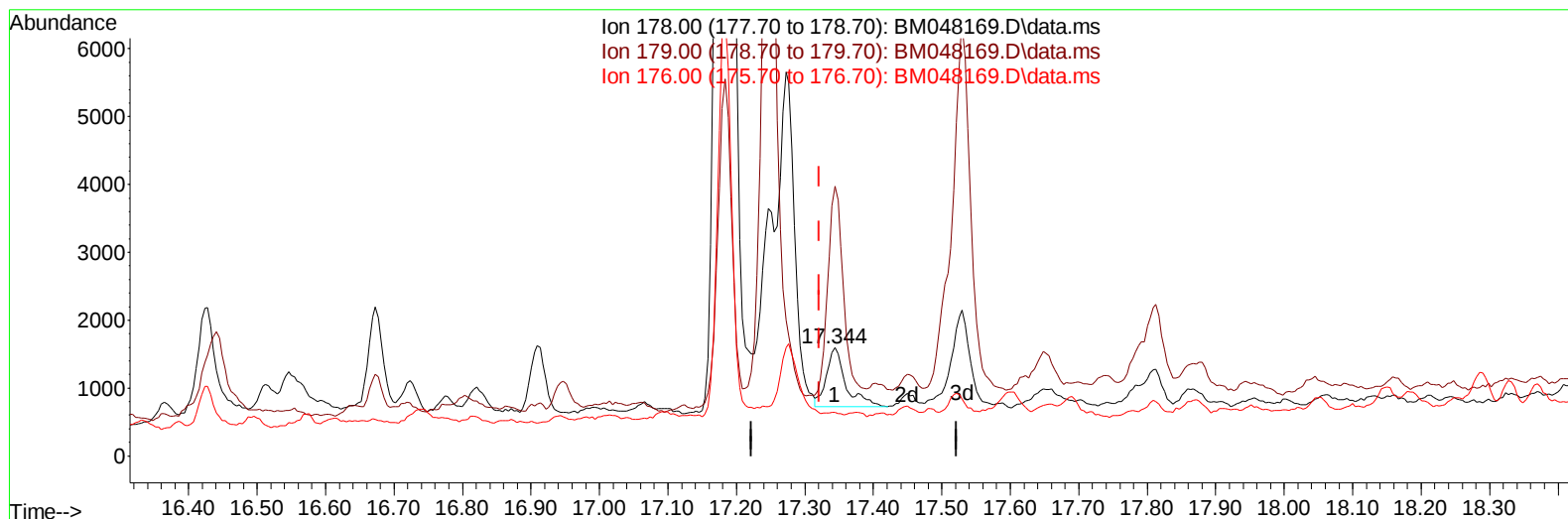
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048169.D
Acq On : 22 Oct 2024 00:15
Operator : RC/JU
Sample : P4380-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H2

Manual IntegrationsAPPROVED

Quant Time: Oct 22 00:45:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:11:55 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



TIC: BM048169.D\data.ms

(16) Anthracene

17.344min (+ 0.022) 0.03 ng/u1

response 1724

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.10	248.90#
176.00	20.00	40.31#
0.00	0.00	0.00

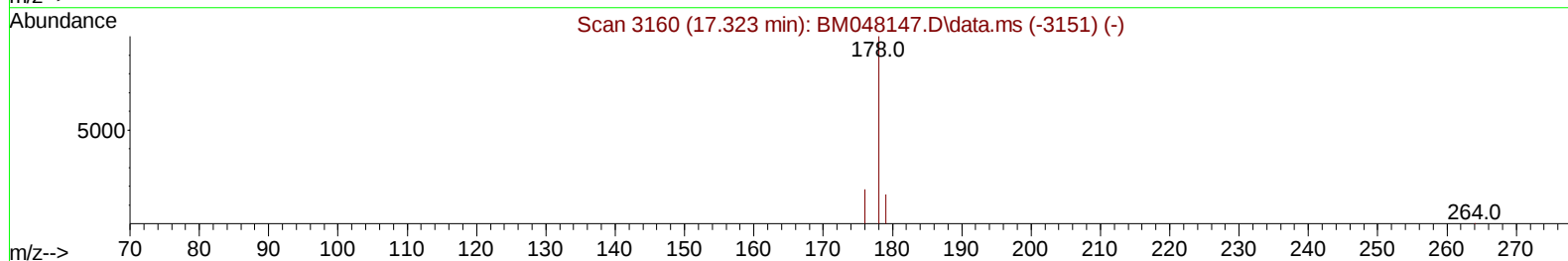
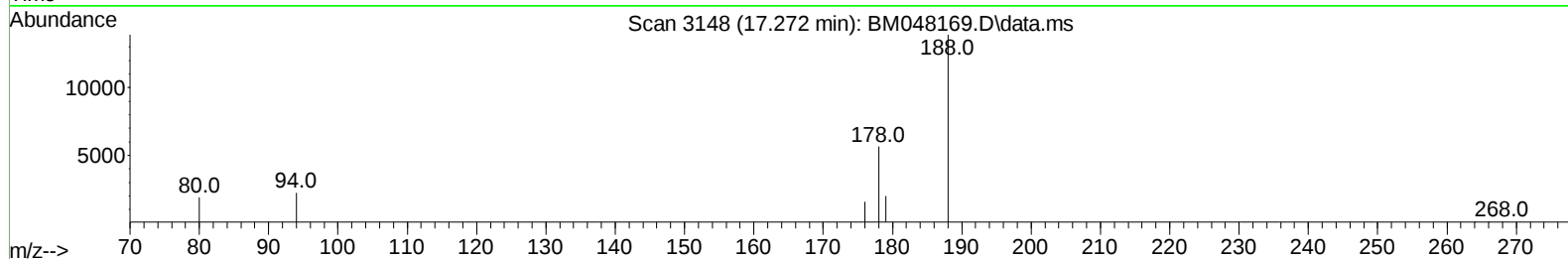
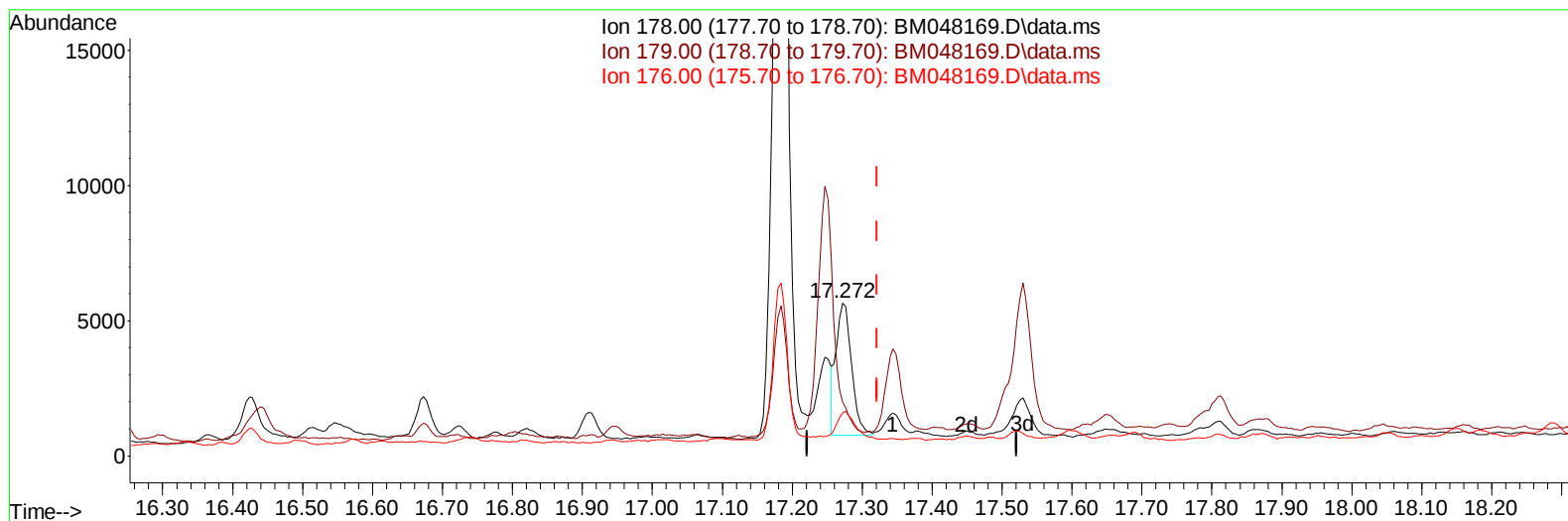
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048169.D
Acq On : 22 Oct 2024 00:15
Operator : RC/JU
Sample : P4380-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H2

Manual IntegrationsAPPROVED

Quant Time: Oct 22 00:45:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:11:55 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



TIC: BM048169.D\data.ms

(16) Anthracene

17.272min (-0.049) 0.14 ng/ul m

response 7544

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.10	35.29#
176.00	20.00	28.16#
0.00	0.00	0.00

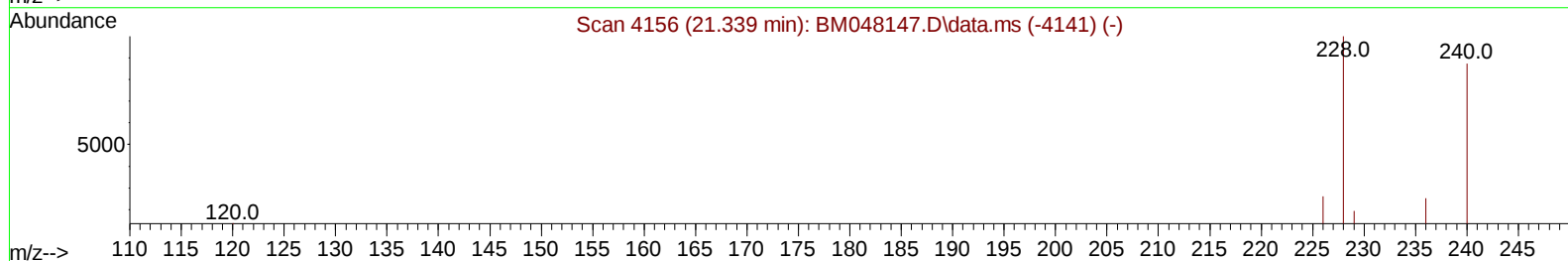
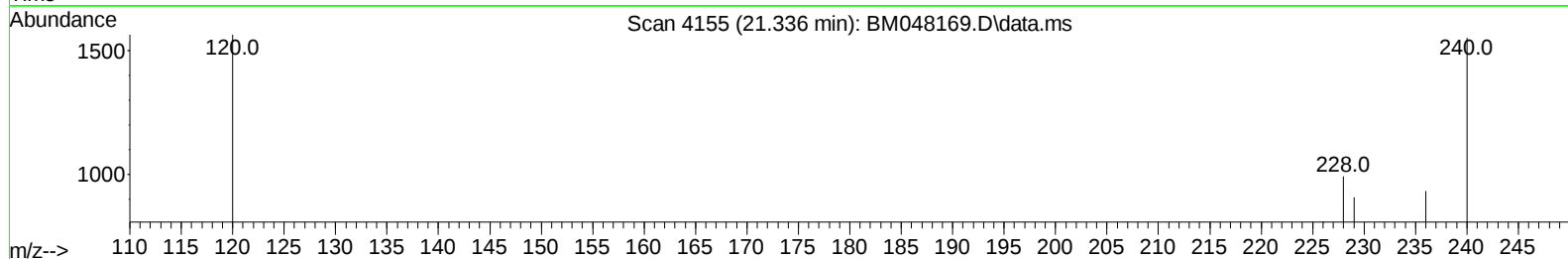
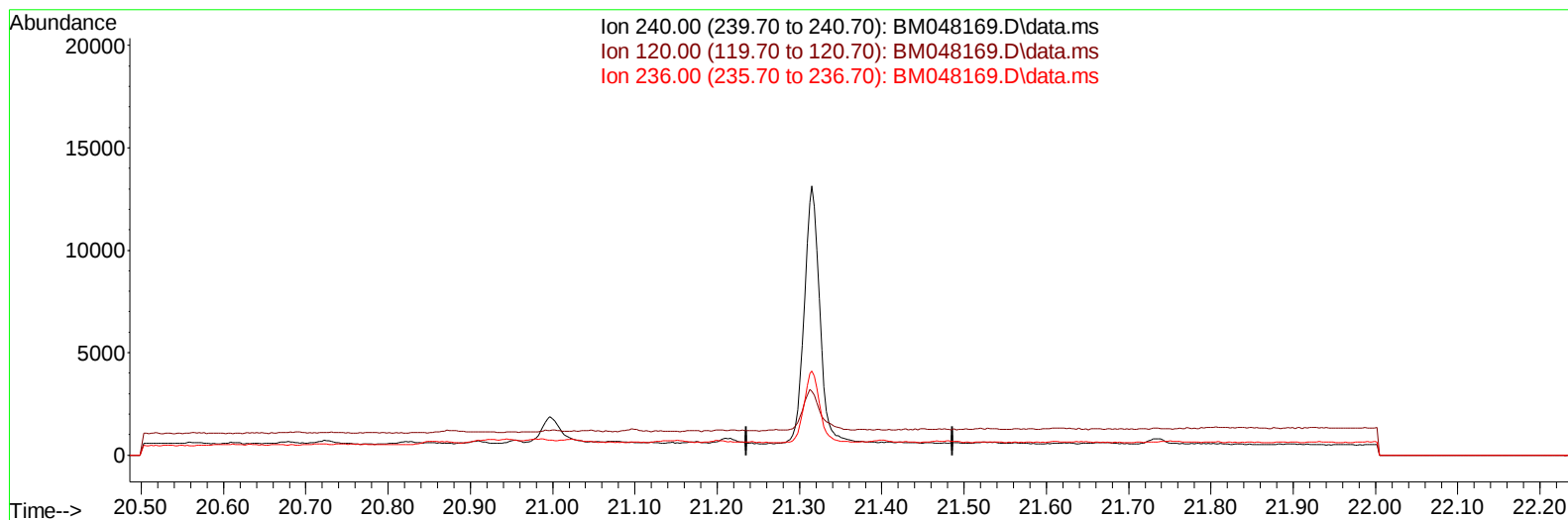
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048169.D
Acq On : 22 Oct 2024 00:15
Operator : RC/JU
Sample : P4380-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H2

Manual IntegrationsAPPROVED

Quant Time: Oct 22 00:45:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:11:55 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



TIC: BM048169.D\data.ms

(17) Chrysene-d12

21.336min (-21.336) 0.00 ng/u1

response 0

Ion	Exp%	Act%
240.00	100.00	0.00
120.00	22.80	0.00#
236.00	30.60	0.00#
0.00	0.00	0.00

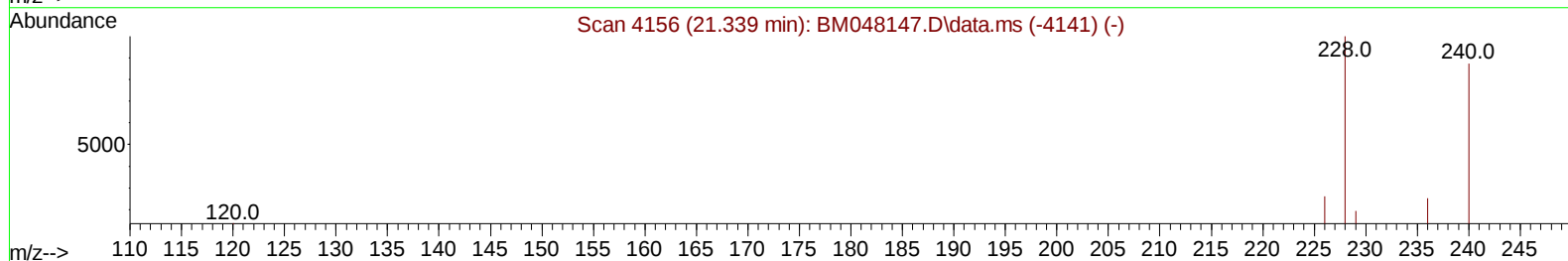
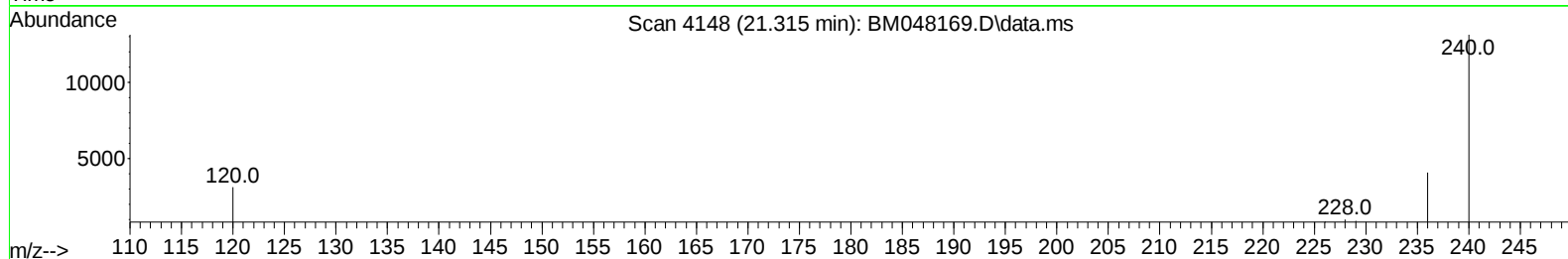
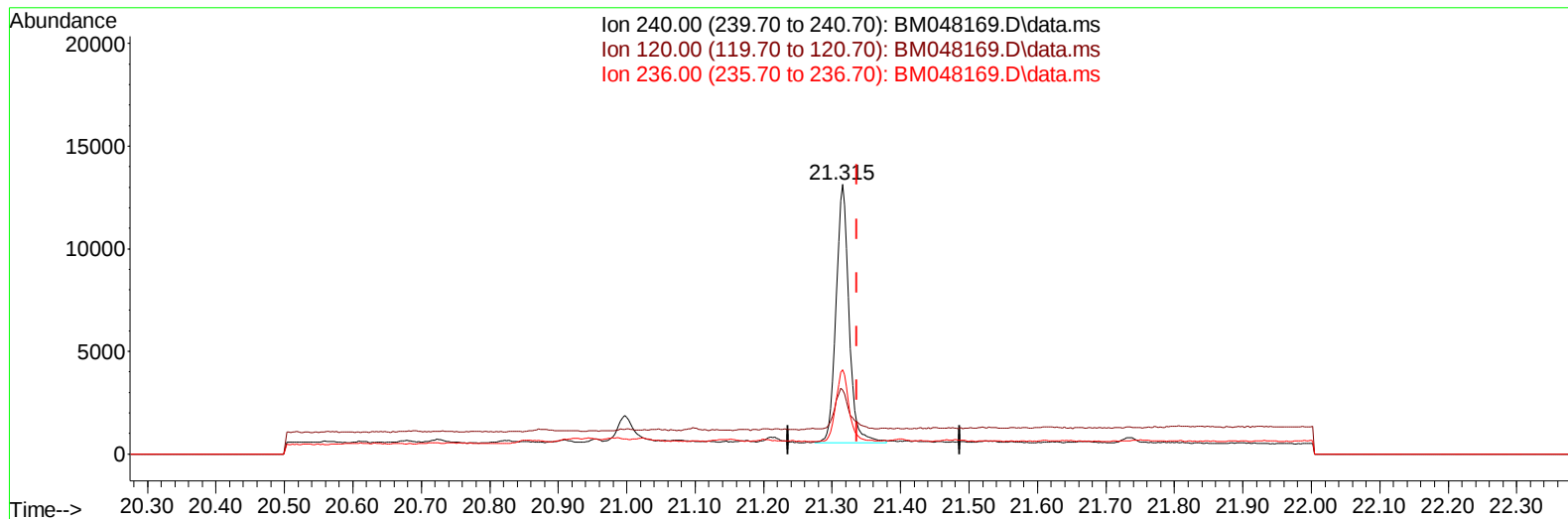
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048169.D
Acq On : 22 Oct 2024 00:15
Operator : RC/JU
Sample : P4380-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H2

Manual IntegrationsAPPROVED

Quant Time: Oct 22 00:45:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:11:55 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



TIC: BM048169.D\data.ms

(17) Chrysene-d12

21.315min (-0.021) 0.40 ng/ul m

response 16574

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	22.80	23.76
236.00	30.60	31.22
0.00	0.00	0.00

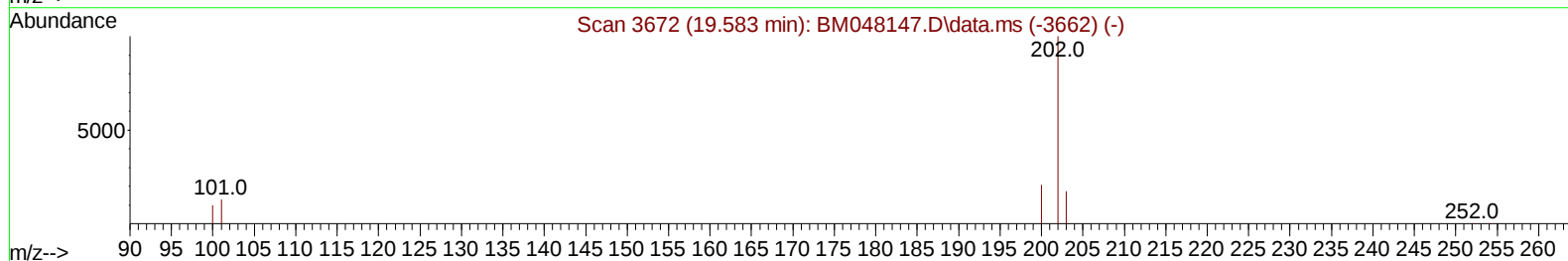
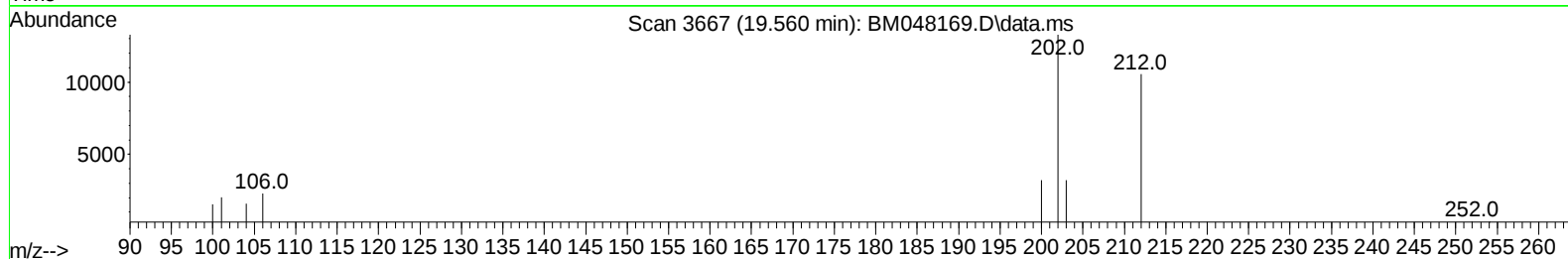
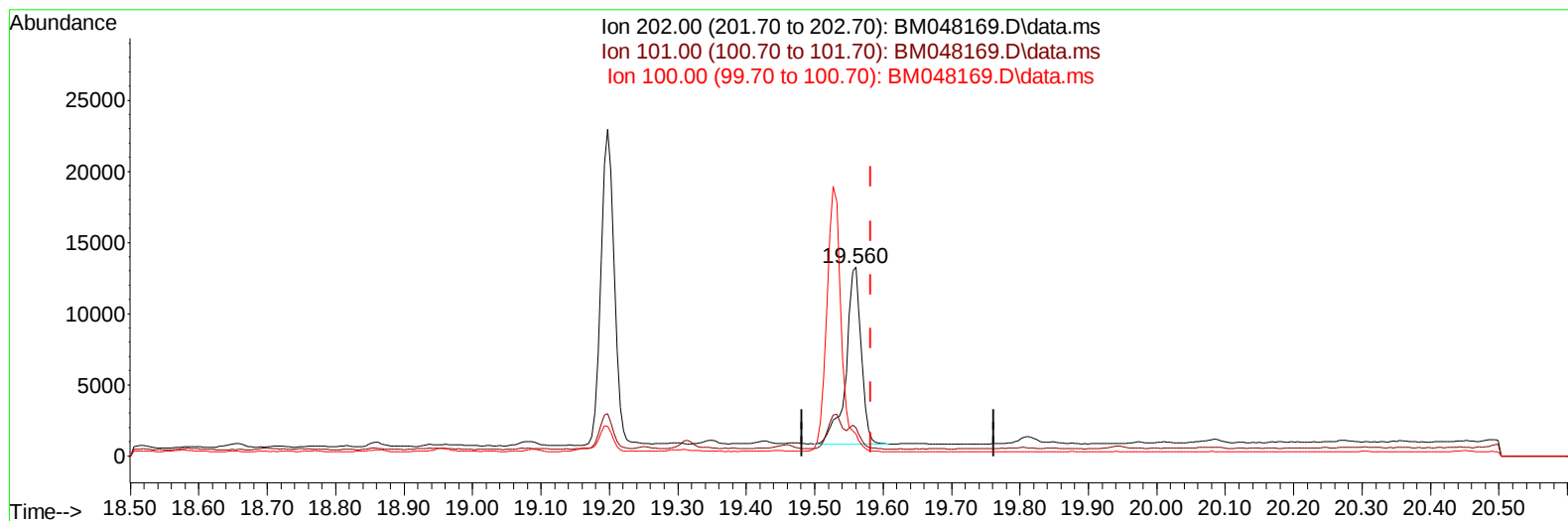
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048169.D
Acq On : 22 Oct 2024 00:15
Operator : RC/JU
Sample : P4380-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H2

Manual IntegrationsAPPROVED

Quant Time: Oct 22 00:45:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
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QLast Update : Mon Oct 21 23:11:55 2024
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TIC: BM048169.D\data.ms

(20) Pyrene

19.560min (-0.022) 0.27 ng/u1

response 19073

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.30	15.16
100.00	10.10	11.66
0.00	0.00	0.00

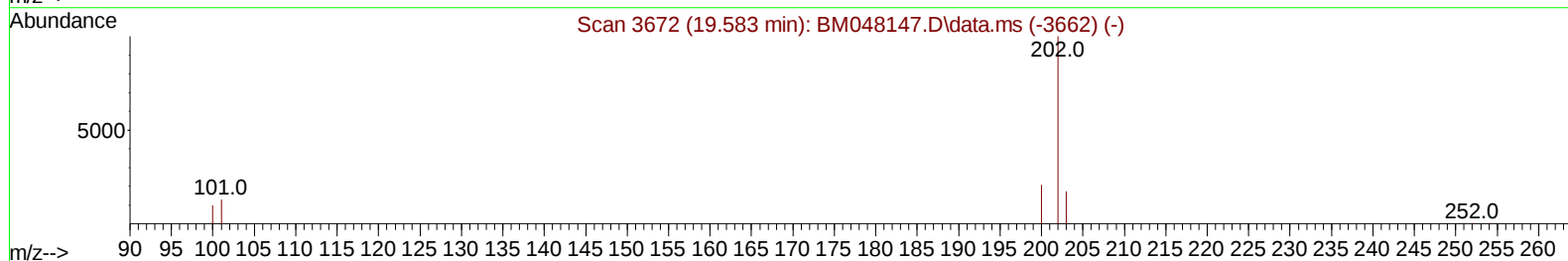
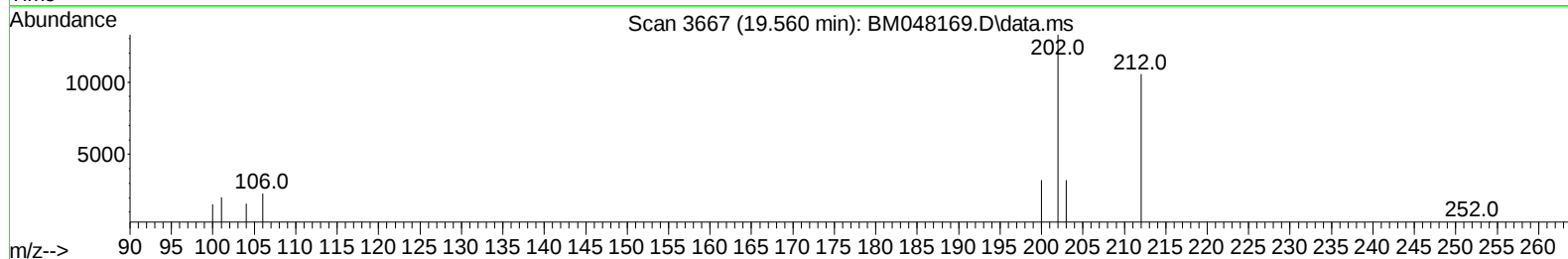
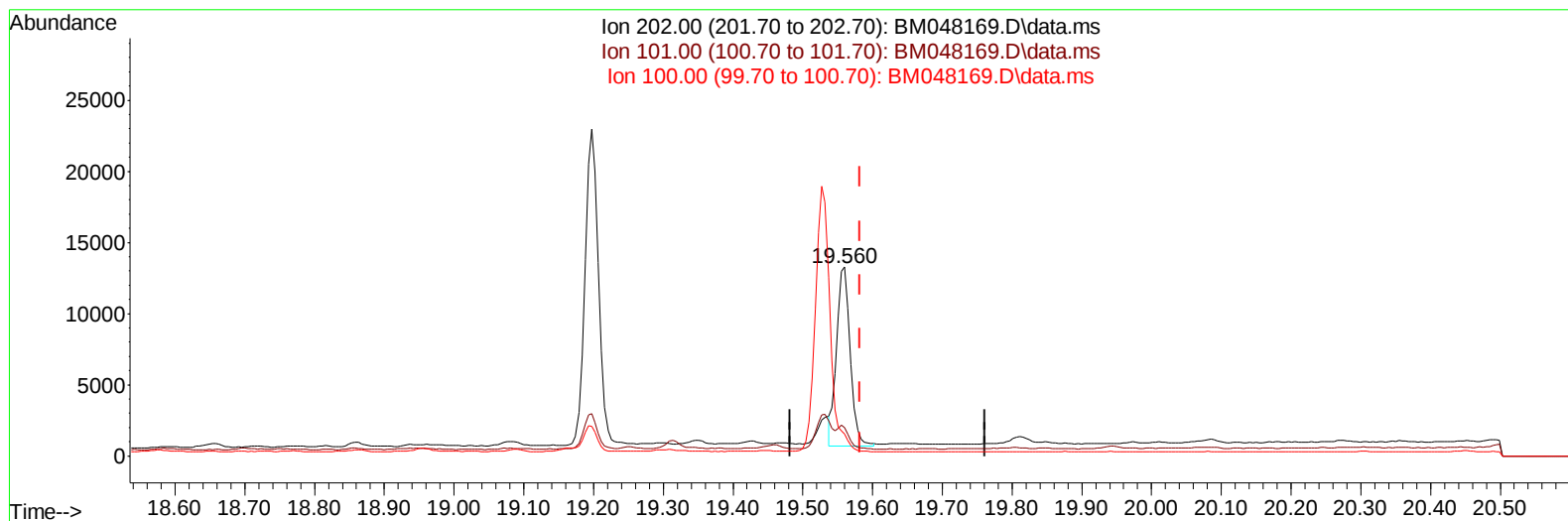
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048169.D
Acq On : 22 Oct 2024 00:15
Operator : RC/JU
Sample : P4380-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H2

Manual IntegrationsAPPROVED

Quant Time: Oct 22 00:45:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:11:55 2024
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TIC: BM048169.D\data.ms

(20) Pyrene

19.560min (-0.022) 0.25 ng/ul m

response 17334

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.30	15.16
100.00	10.10	11.66
0.00	0.00	0.00

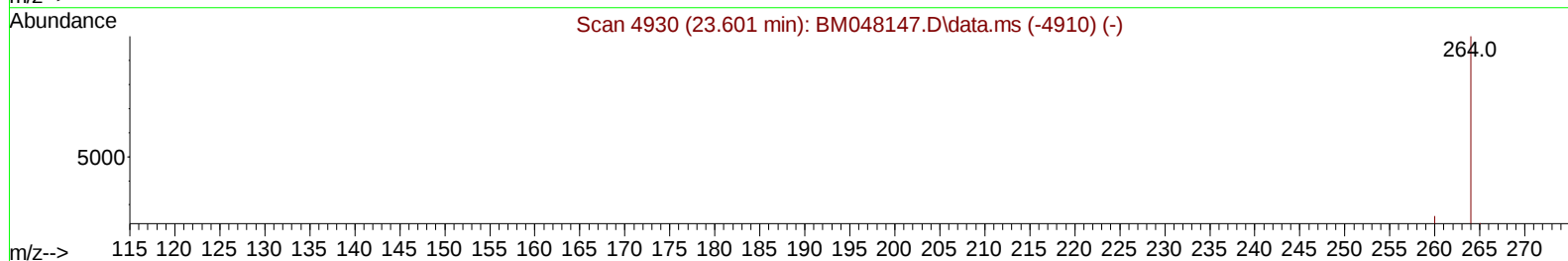
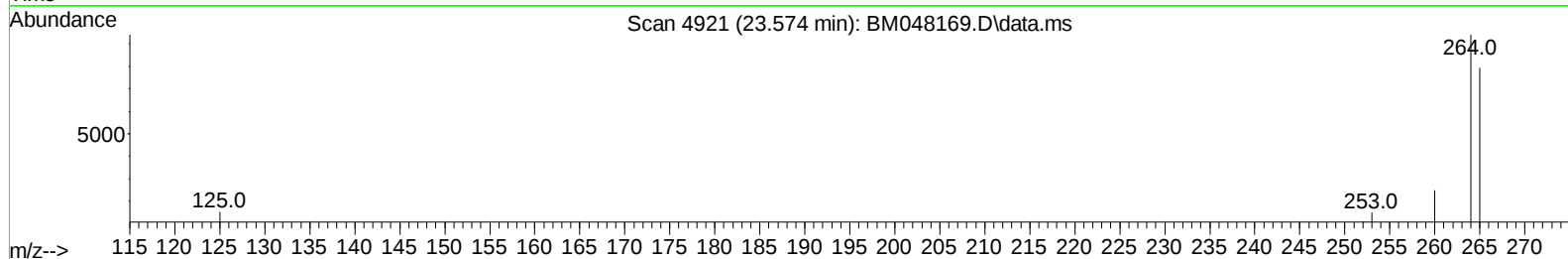
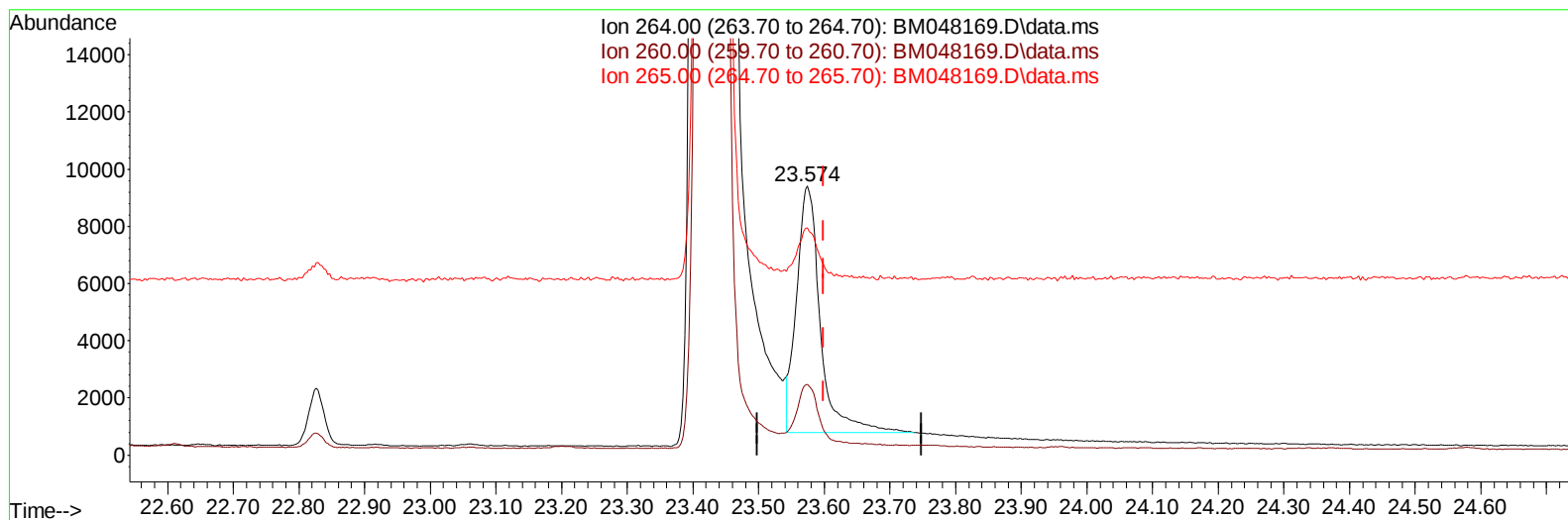
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048169.D
Acq On : 22 Oct 2024 00:15
Operator : RC/JU
Sample : P4380-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H2

Manual IntegrationsAPPROVED

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QLast Update : Mon Oct 21 23:11:55 2024
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TIC: BM048169.D\data.ms

(23) Perylene-d12 (I)

23.574min (-0.024) 0.40 ng/u1

response 21362

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	26.38
265.00	128.10	84.48#
0.00	0.00	0.00

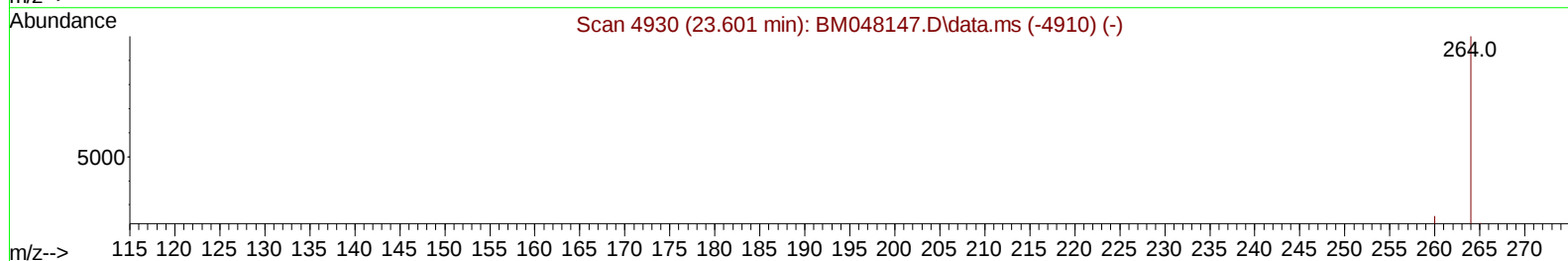
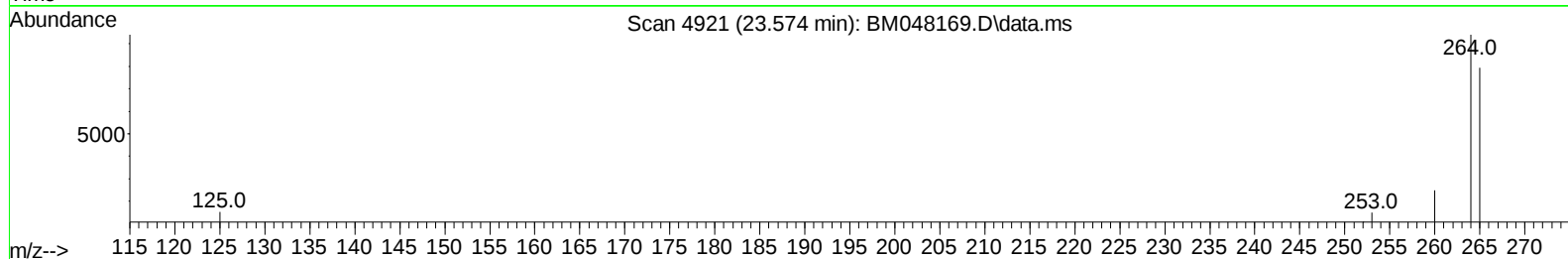
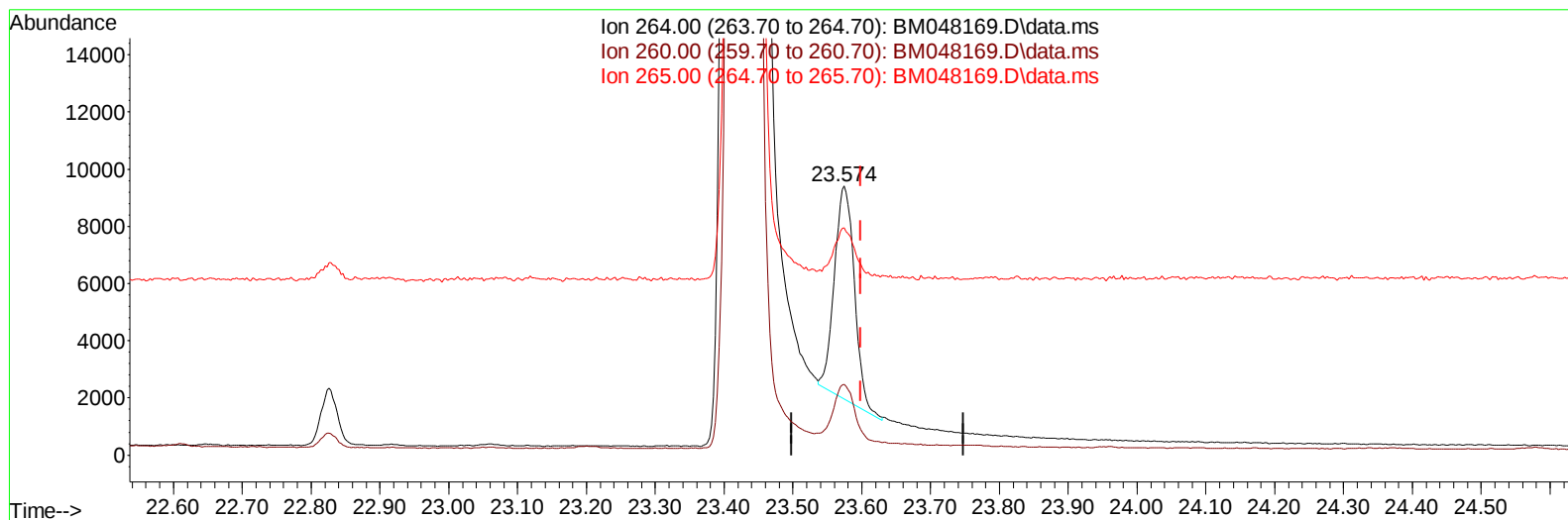
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048169.D
Acq On : 22 Oct 2024 00:15
Operator : RC/JU
Sample : P4380-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H2

Manual IntegrationsAPPROVED

Quant Time: Oct 22 00:45:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:11:55 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



TIC: BM048169.D\data.ms

(23) Perylene-d12 (I)

23.574min (-0.024) 0.40 ng/ul m

response 14903

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	26.38
265.00	128.10	84.48#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
 Data File : BM048169.D
 Acq On : 22 Oct 2024 00:15
 Operator : RC/JU
 Sample : P4380-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E27H2

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/22/2024
 Supervised By :mohammad ahmed 10/23/2024

Quant Time: Oct 22 00:45:52 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 23:11:55 2024
 Response via : Initial Calibration

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.771	152		6225	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.552	136		18972	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.400	164		13408	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.141	188		22487m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.315	240		16574m	0.400	ng/ul	-0.02
23) Perylene-d12	23.574	264		14903m	0.400	ng/ul	-0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.235	96		34351	4.059	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.152	152		10856	0.411	ng/ul	-0.05
18) Fluoranthene-d10	19.165	212		24119	0.500	ng/ul	-0.03
Target Compounds							Qvalue
5) Naphthalene	10.607	128		28492	0.553	ng/ul	98
7) 2-Methylnaphthalene	12.223	142		2786	0.094	ng/ul	98
8) 1-Methylnaphthalene	12.443	142		10836	0.319	ng/ul	96
10) Acenaphthylene	14.123	152		8380	0.135	ng/ul#	91
11) Acenaphthene	14.465	153		15027	0.339	ng/ul	99
12) Fluorene	15.451	166		8848	0.187	ng/ul#	97
15) Phenanthrene	17.183	178		44234m	0.778	ng/ul	
16) Anthracene	17.272	178		7544m	0.140	ng/ul	
19) Fluoranthene	19.197	202		30559	0.470	ng/ul	98
20) Pyrene	19.560	202		17334m	0.248	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048169.D
Acq On : 22 Oct 2024 00:15
Operator : RC/JU
Sample : P4380-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H2

Manual IntegrationsAPPROVED

Quant Time: Oct 22 00:45:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:11:55 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

