

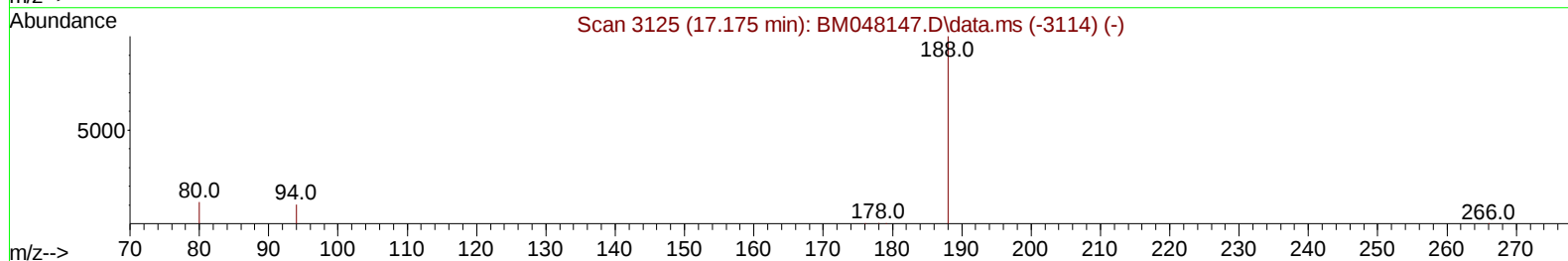
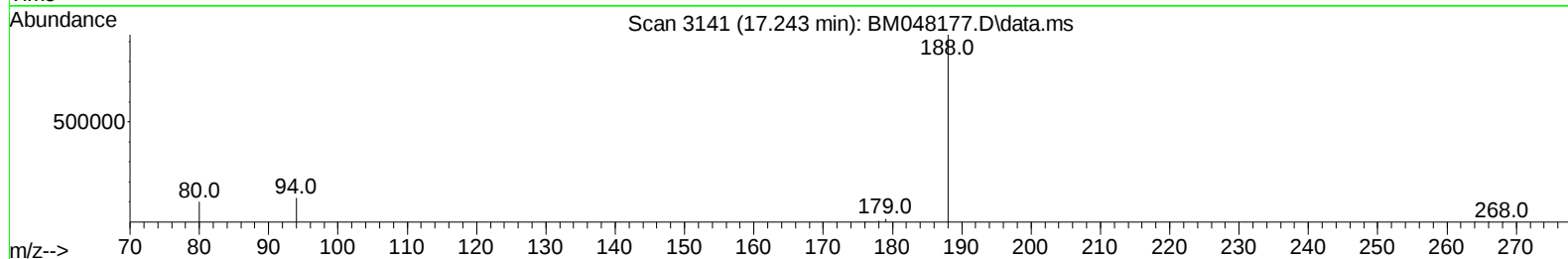
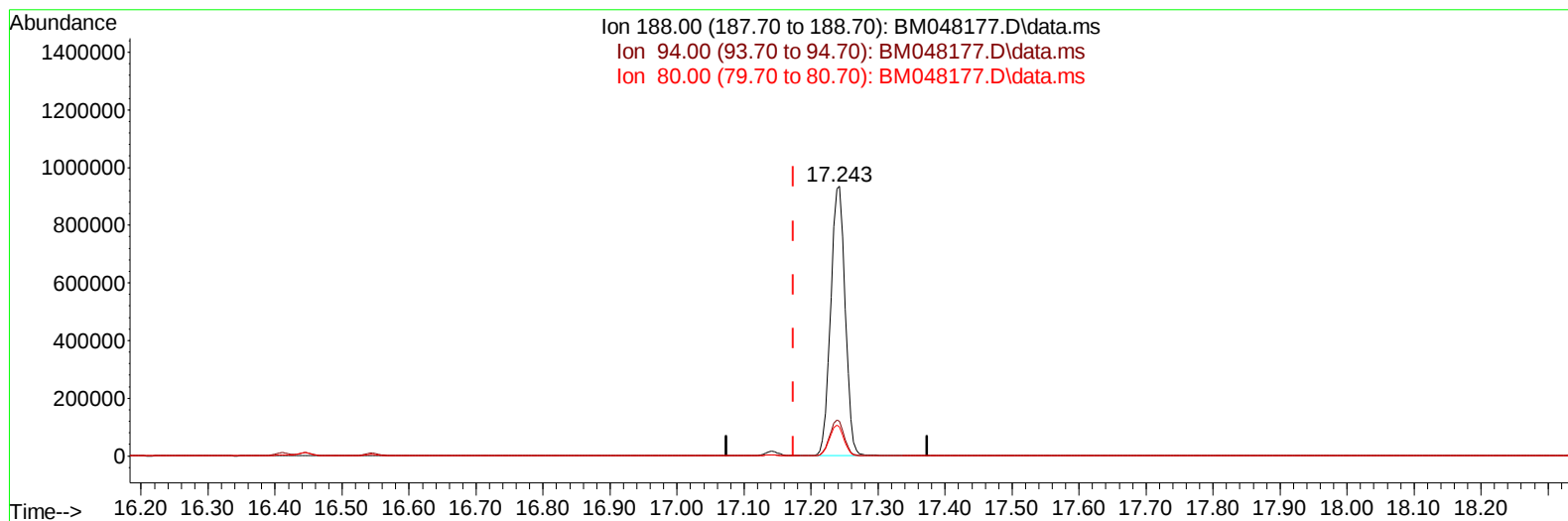
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048177.D
Acq On : 22 Oct 2024 05:05
Operator : RC/JU
Sample : P4380-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H7

Manual IntegrationsAPPROVED

Quant Time: Oct 22 05:37:57 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: BM048177.D\data.ms

(13) Phenanthrene-d10 (I)

17.243min (+ 0.069) 0.40 ng/u1

response 1401842

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.80	12.80
80.00	12.40	10.70
0.00	0.00	0.00

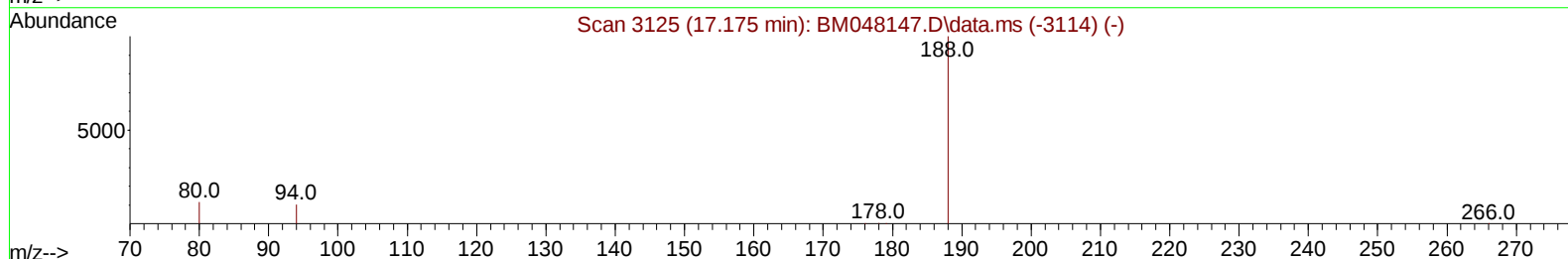
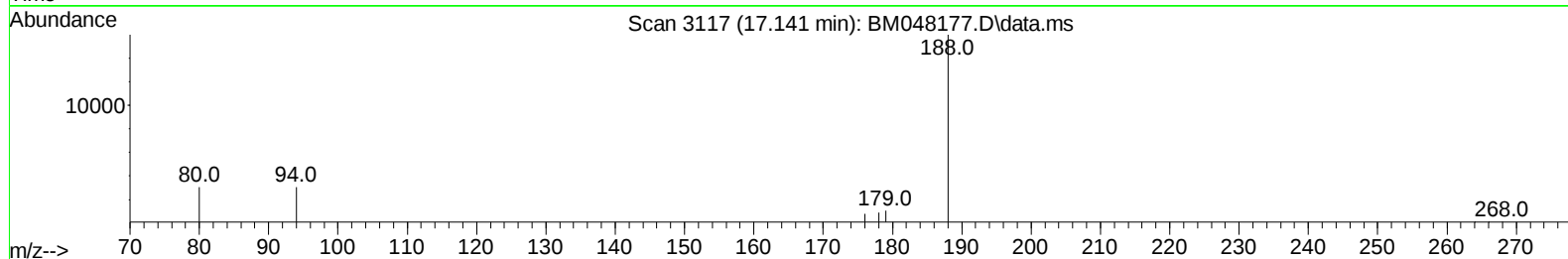
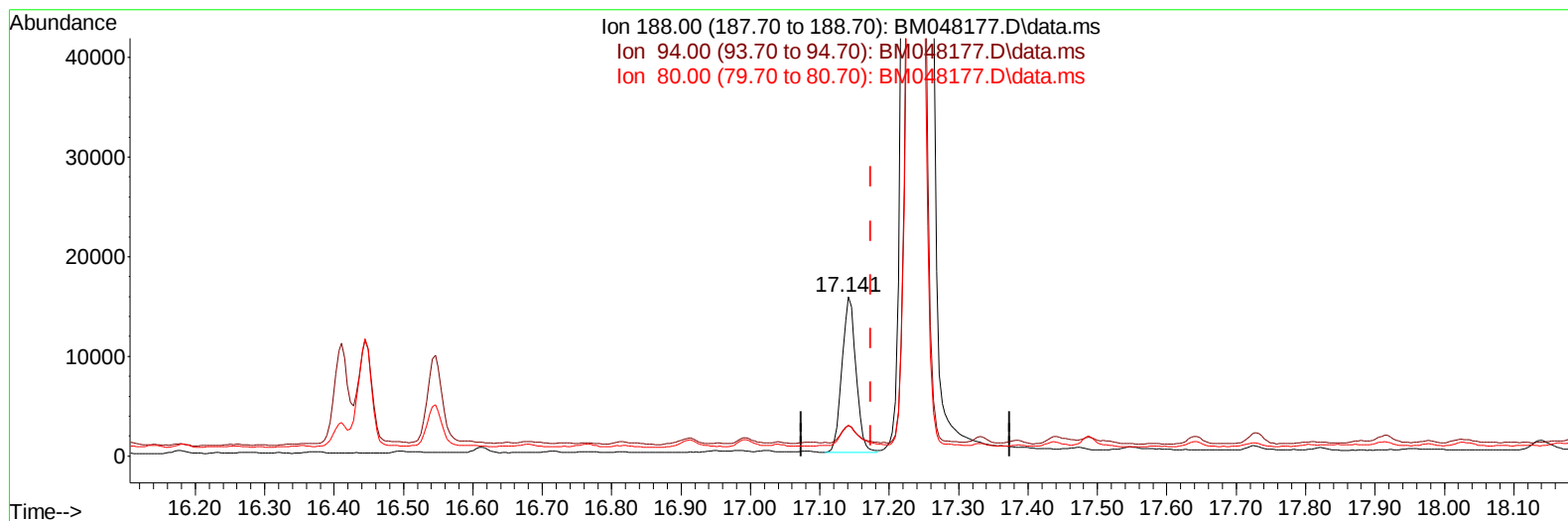
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048177.D
Acq On : 22 Oct 2024 05:05
Operator : RC/JU
Sample : P4380-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H7

Manual IntegrationsAPPROVED

Quant Time: Oct 22 05:37:57 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: BM048177.D\data.ms

(13) Phenanthrene-d10 (I)

17.141min (-0.033) 0.40 ng/ul m

response 22015

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.80	19.12#
80.00	12.40	19.18#
0.00	0.00	0.00

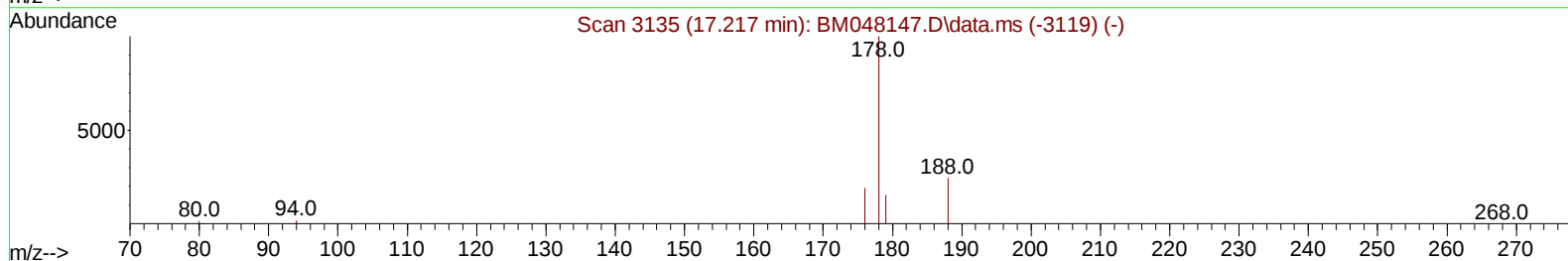
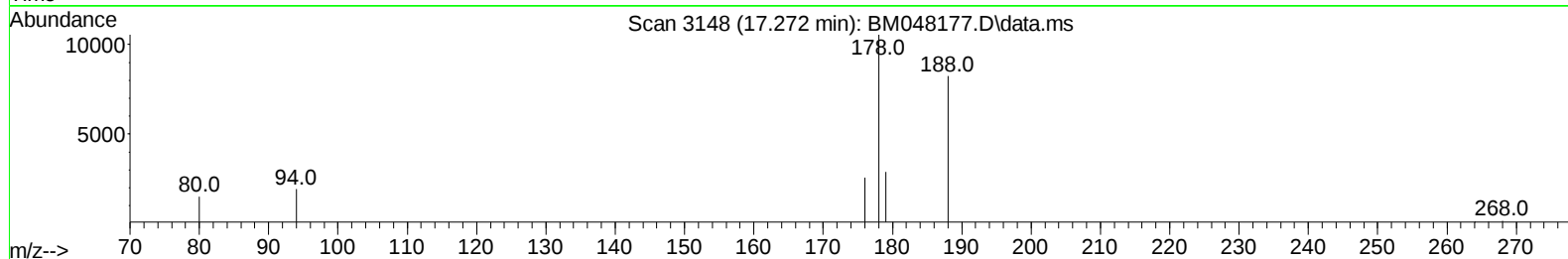
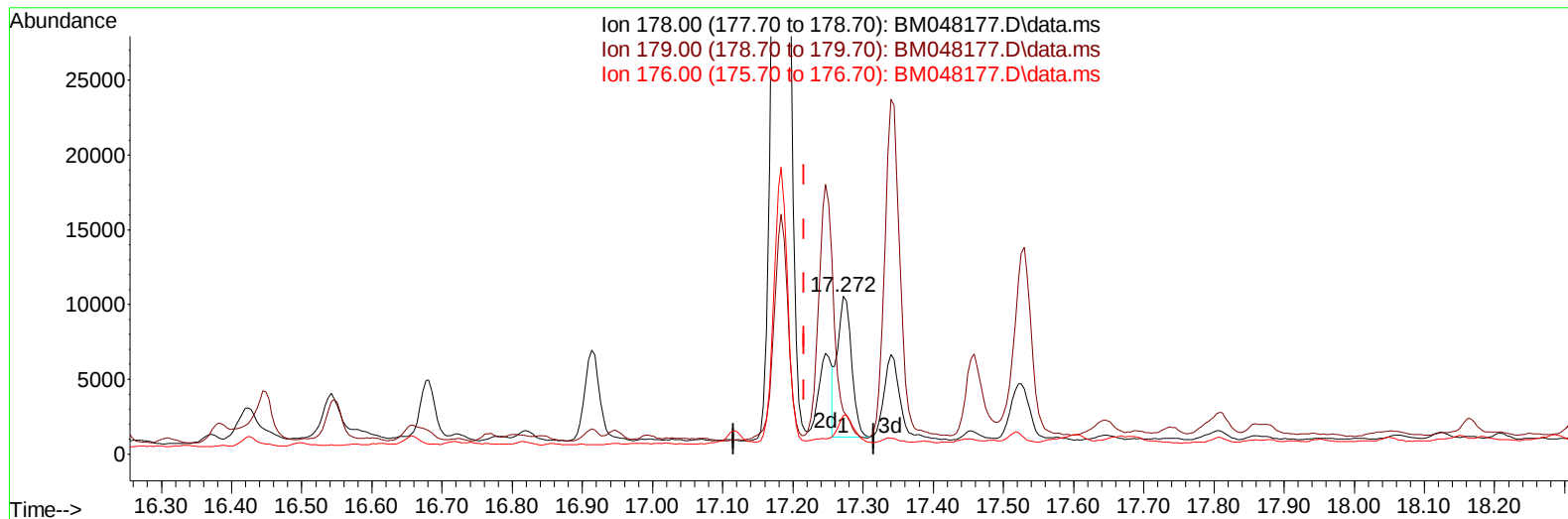
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
 Data File : BM048177.D
 Acq On : 22 Oct 2024 05:05
 Operator : RC/JU
 Sample : P4380-06
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E27H7

Manual IntegrationsAPPROVED

Quant Time: Oct 22 05:37:57 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: BM048177.D\data.ms

(15) Phenanthrene

17.272min (+ 0.056) 0.24 ng/u1

response 13372

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.50	27.44#
176.00	20.00	24.28#
0.00	0.00	0.00

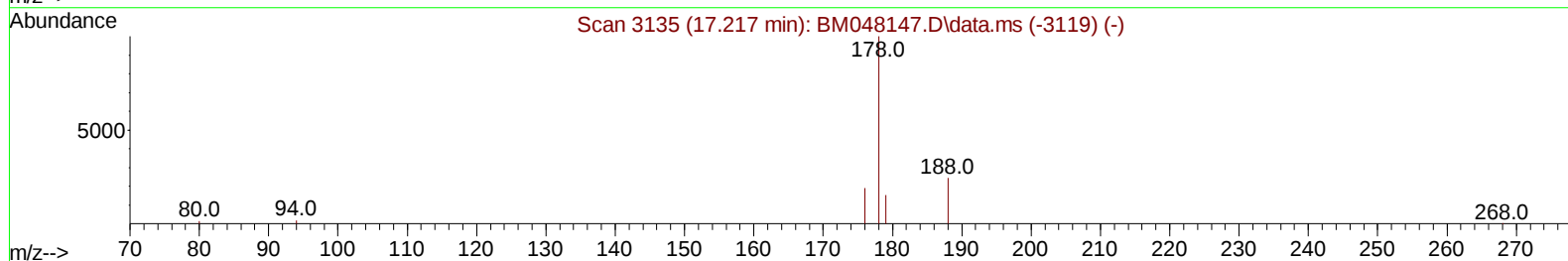
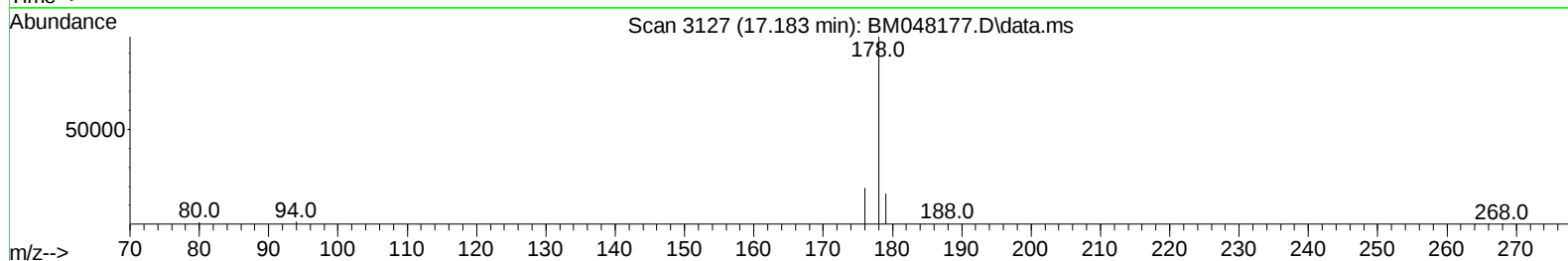
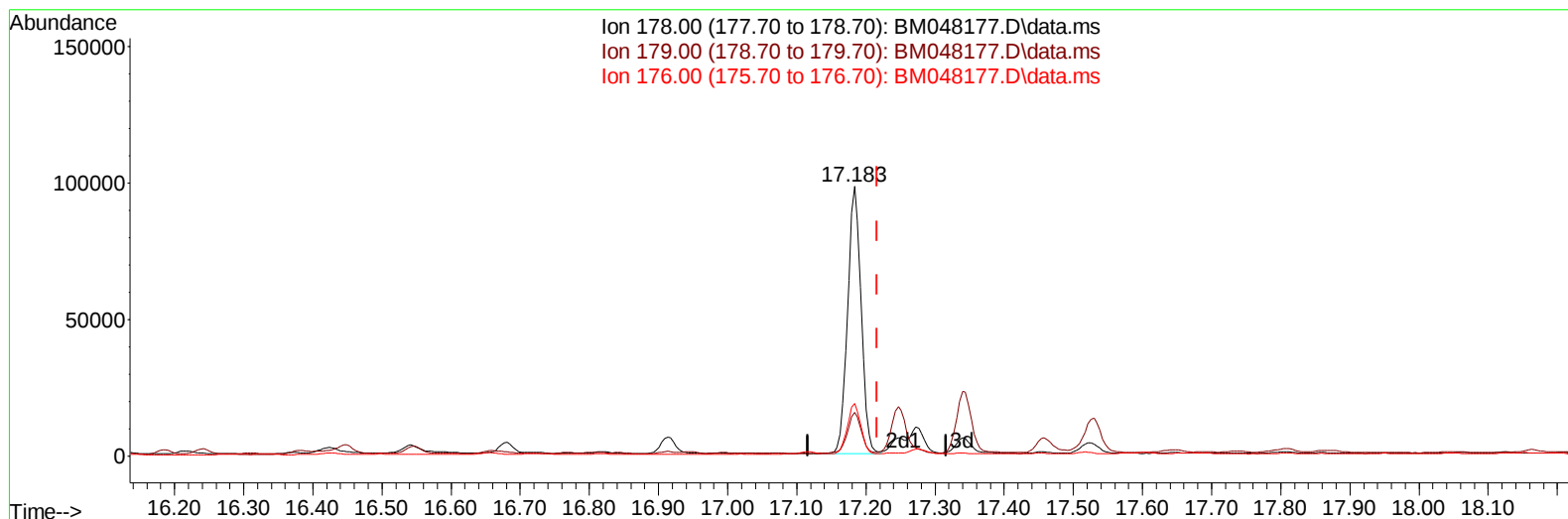
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048177.D
Acq On : 22 Oct 2024 05:05
Operator : RC/JU
Sample : P4380-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H7

Manual IntegrationsAPPROVED

Quant Time: Oct 22 05:37:57 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: BM048177.D\data.ms

(15) Phenanthrene

17.183min (-0.033) 2.40 ng/u1 m

response 133407

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.50	16.23
176.00	20.00	19.43
0.00	0.00	0.00

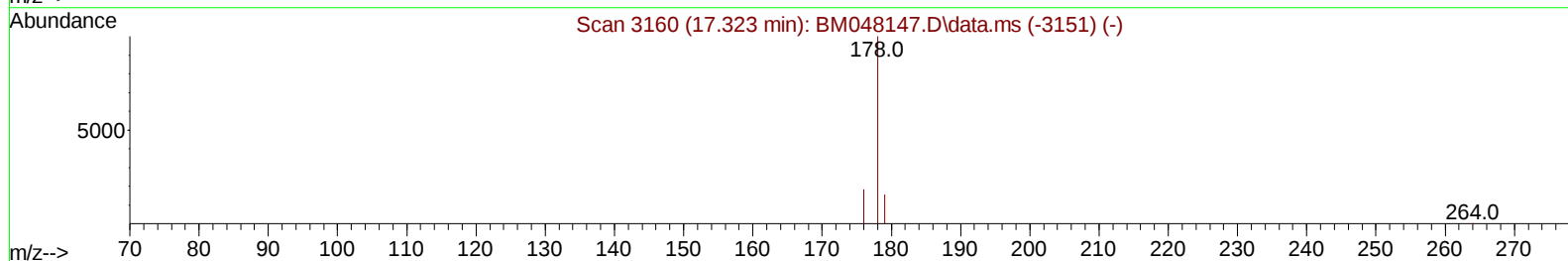
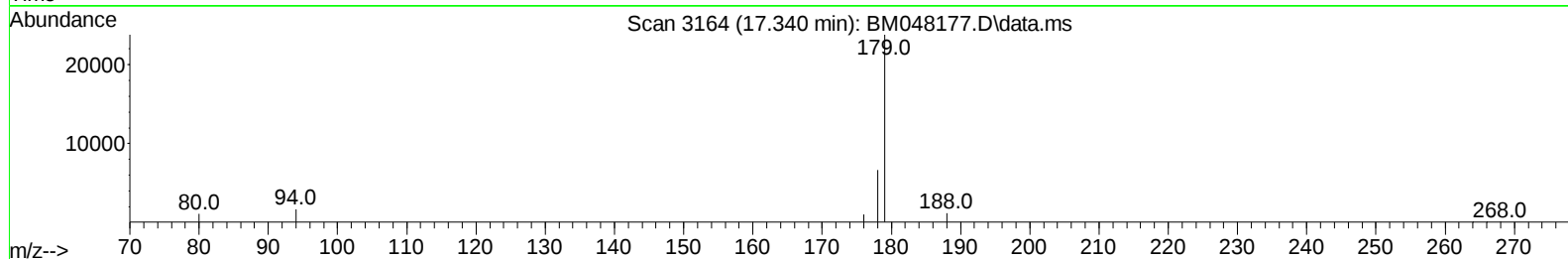
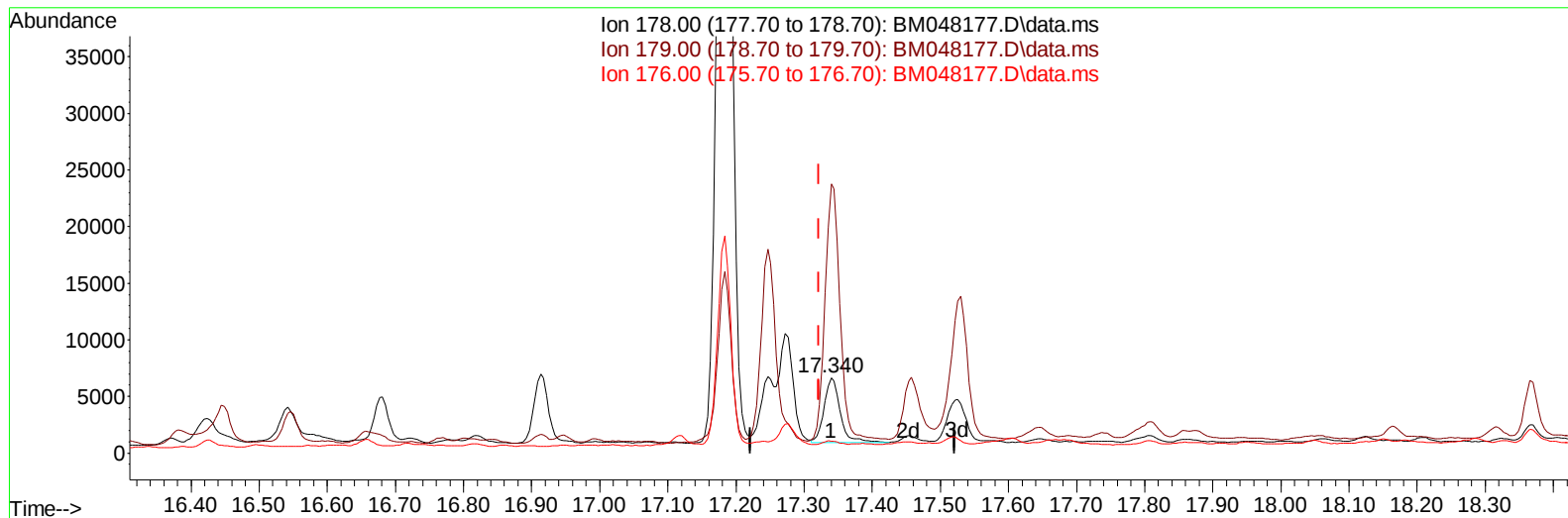
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048177.D
Acq On : 22 Oct 2024 05:05
Operator : RC/JU
Sample : P4380-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H7

Manual IntegrationsAPPROVED

Quant Time: Oct 22 05:37:57 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: BM048177.D\data.ms

(16) Anthracene

17.340min (+ 0.018) 0.18 ng/u1

response 9269

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.10	356.21#
176.00	20.00	15.84#
0.00	0.00	0.00

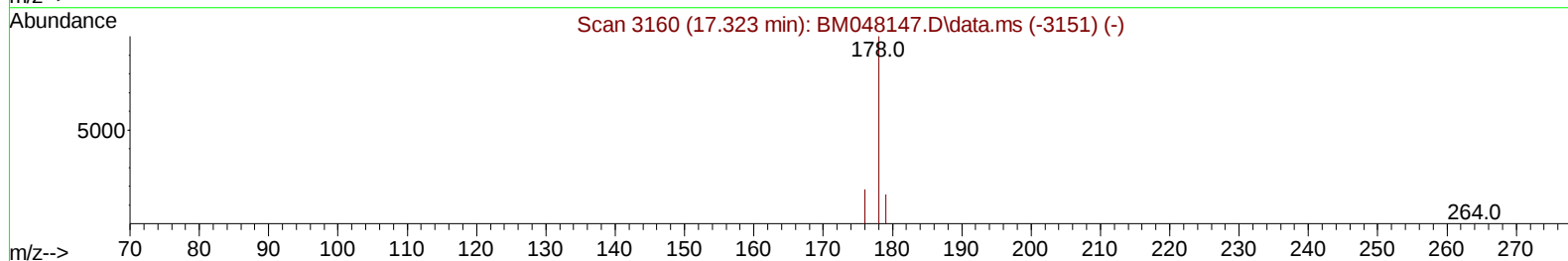
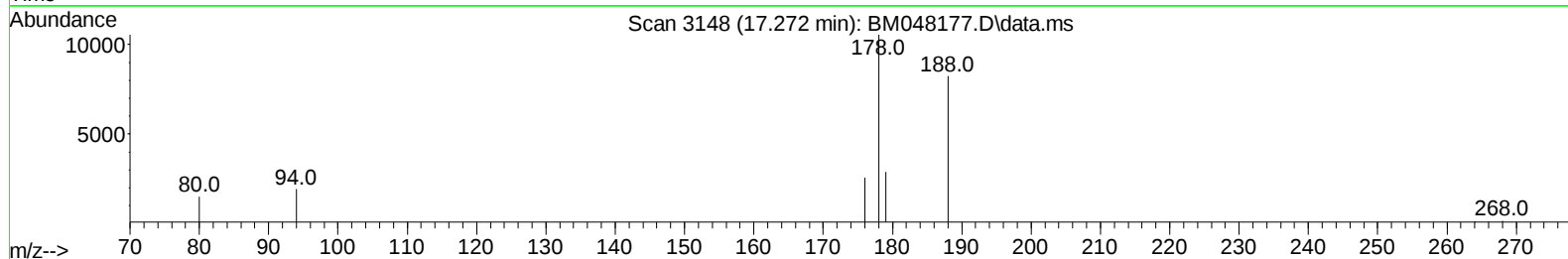
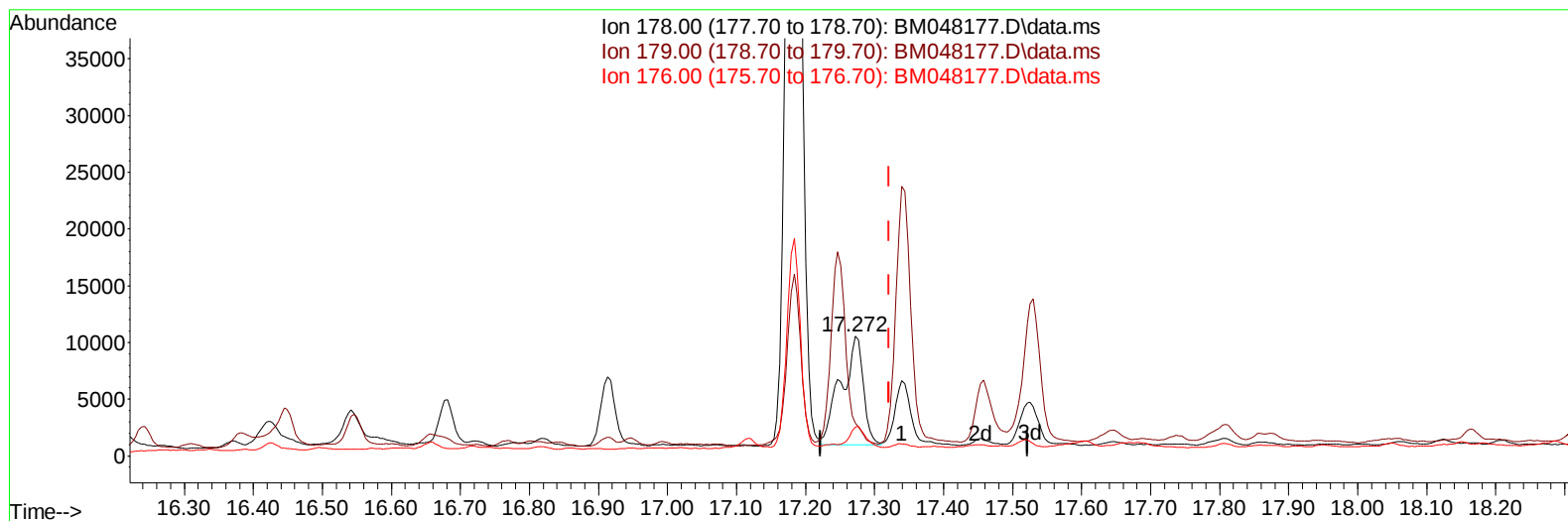
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048177.D
Acq On : 22 Oct 2024 05:05
Operator : RC/JU
Sample : P4380-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H7

Manual IntegrationsAPPROVED

Quant Time: Oct 22 05:37:57 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: BM048177.D\data.ms

(16) Anthracene

17.272min (-0.050) 0.41 ng/ul m

response 21407

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.10	27.44#
176.00	20.00	24.28#
0.00	0.00	0.00

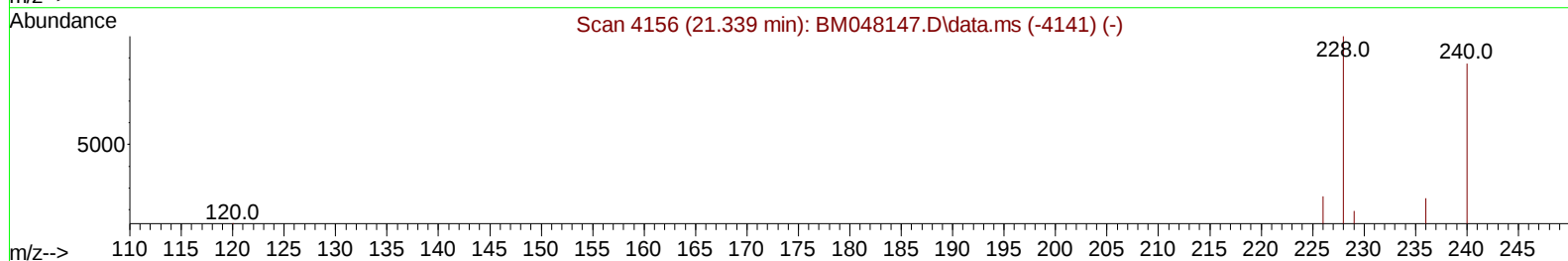
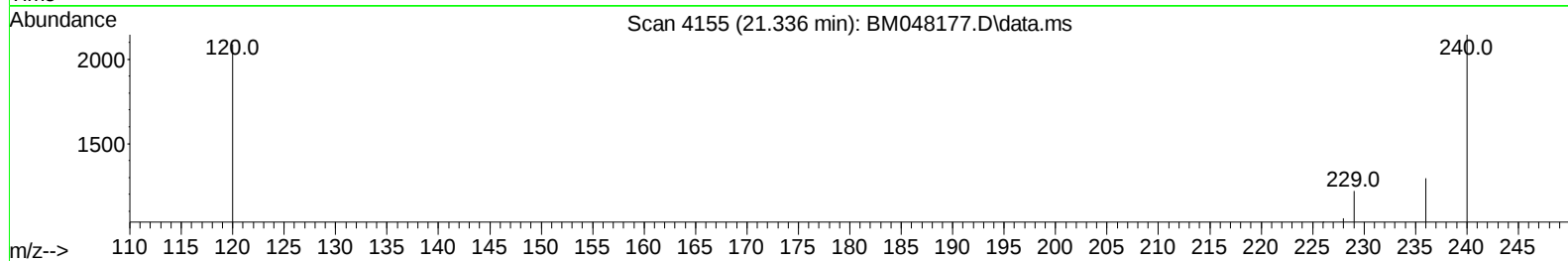
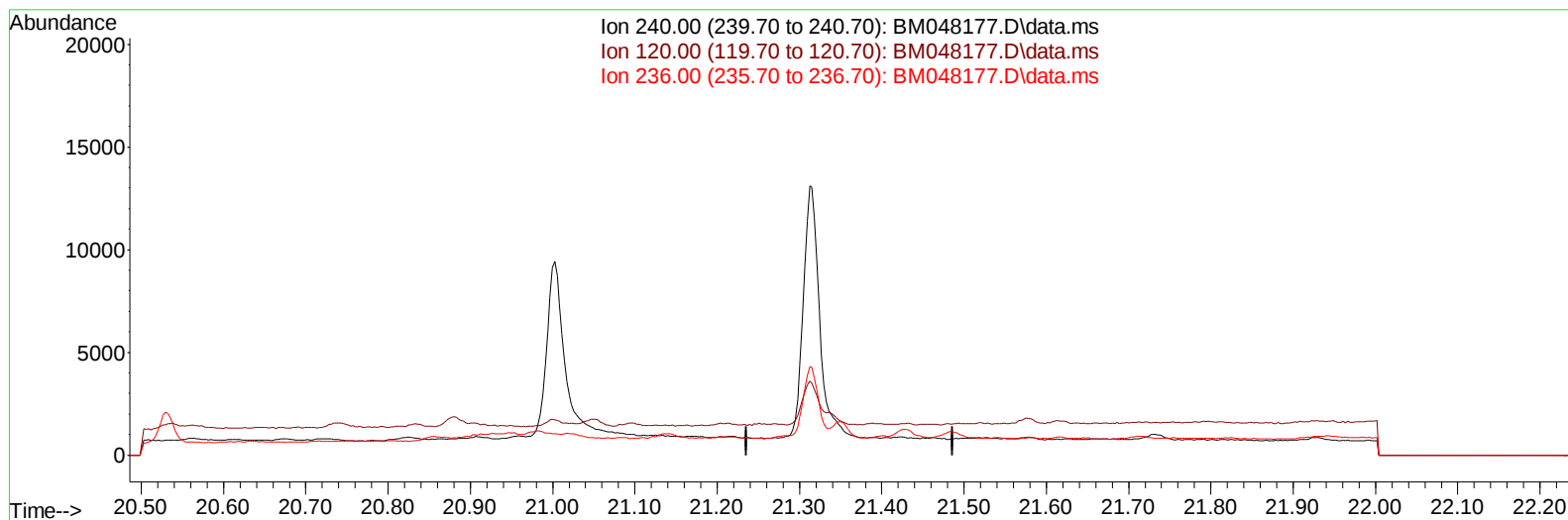
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048177.D
Acq On : 22 Oct 2024 05:05
Operator : RC/JU
Sample : P4380-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H7

Manual IntegrationsAPPROVED

Quant Time: Oct 22 05:37:57 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: BM048177.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

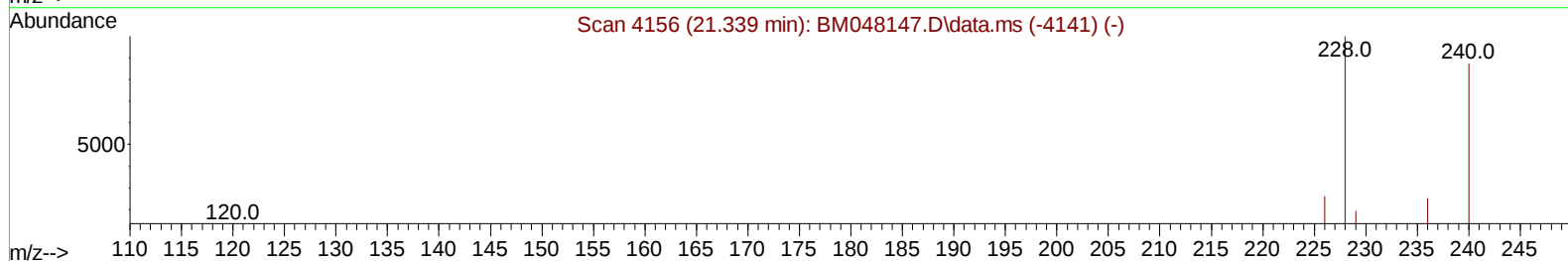
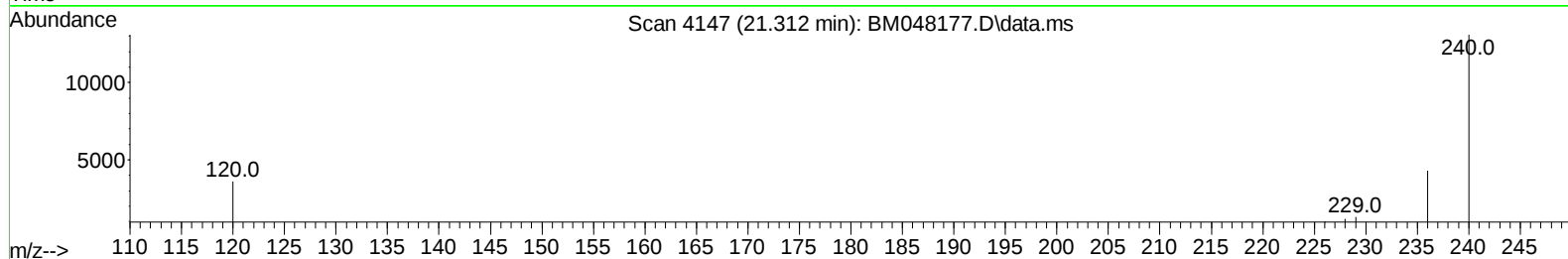
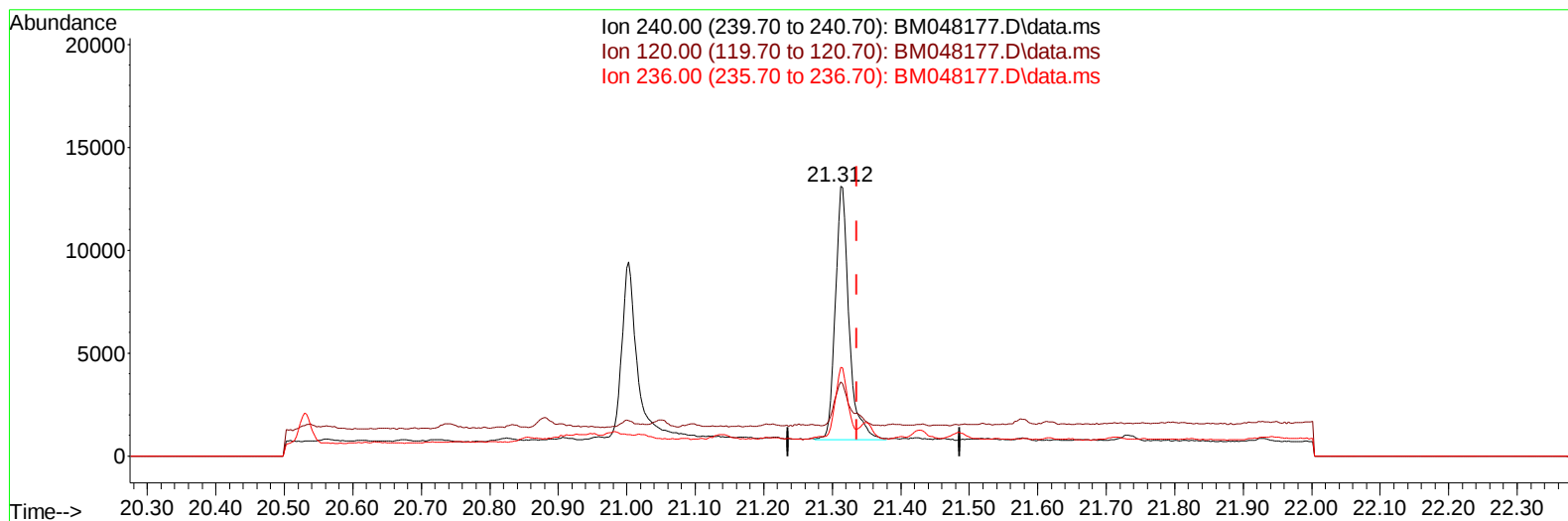
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048177.D
Acq On : 22 Oct 2024 05:05
Operator : RC/JU
Sample : P4380-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H7

Manual IntegrationsAPPROVED

Quant Time: Oct 22 05:37:57 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: BM048177.D\data.ms

(17) Chrysene-d12

21.312min (-0.024) 0.40 ng/u1 m

response 17188

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	22.80	27.58#
236.00	30.60	32.90
0.00	0.00	0.00

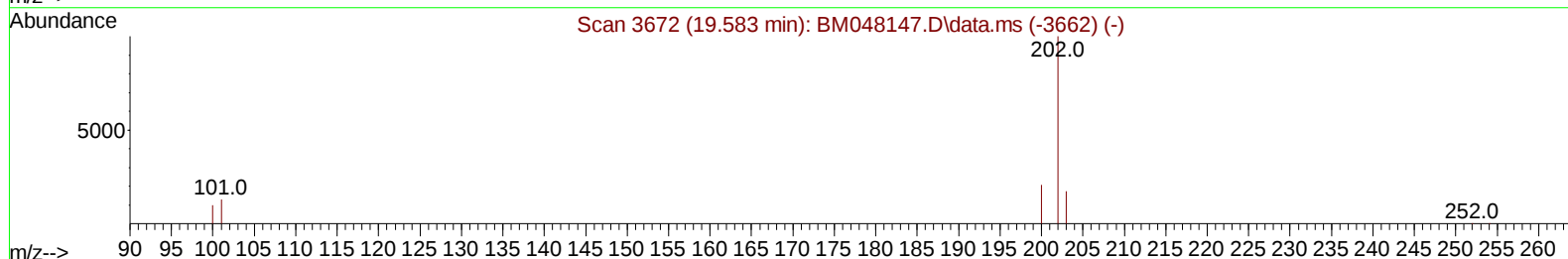
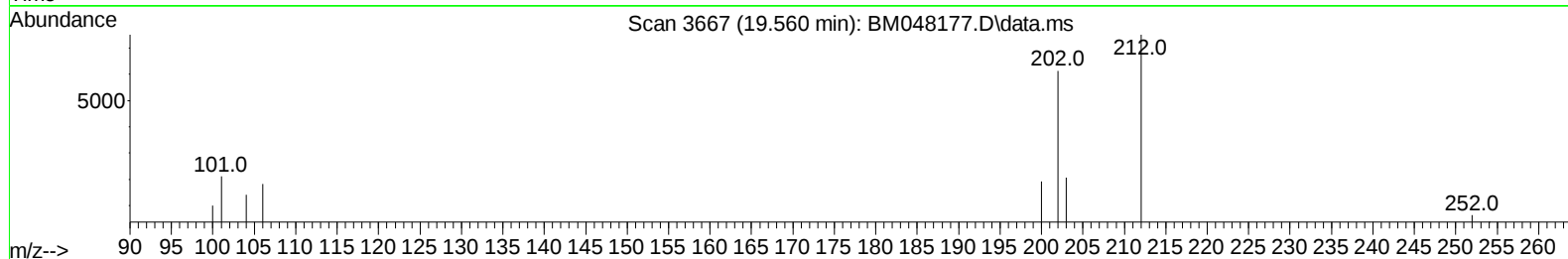
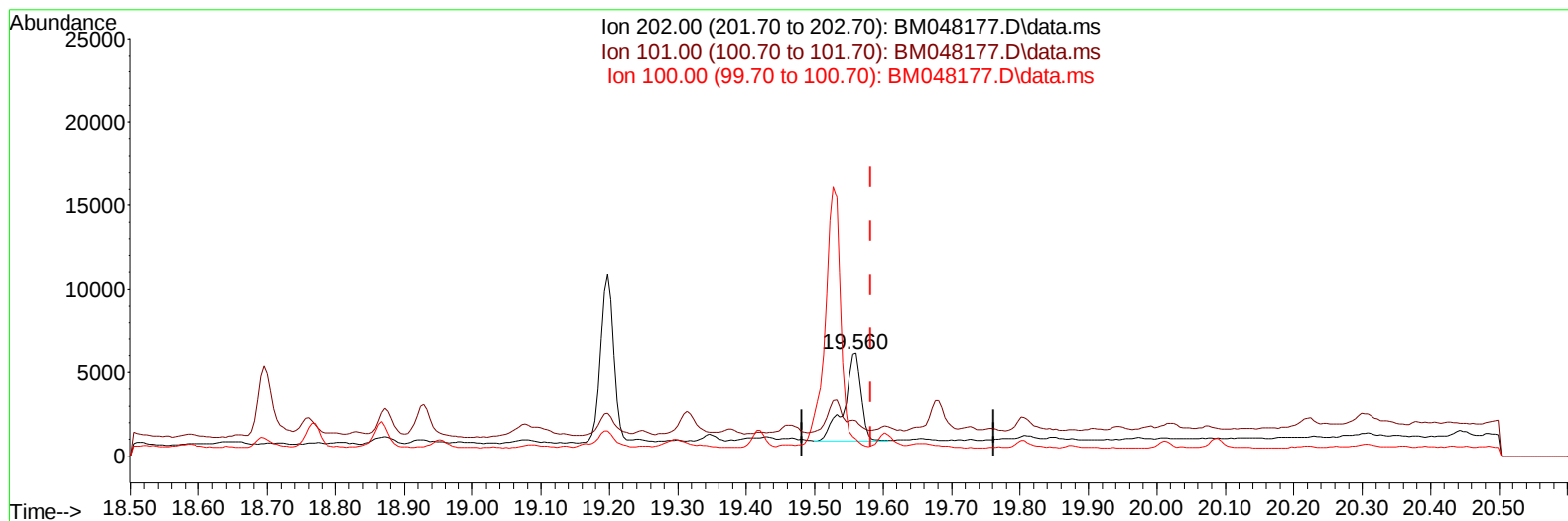
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048177.D
Acq On : 22 Oct 2024 05:05
Operator : RC/JU
Sample : P4380-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H7

Manual IntegrationsAPPROVED

Quant Time: Oct 22 05:37:57 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: BM048177.D\data.ms

(20) Pyrene

19.560min (-0.022) 0.12 ng/u1

response 9062

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.30	34.55#
100.00	10.10	16.22#
0.00	0.00	0.00

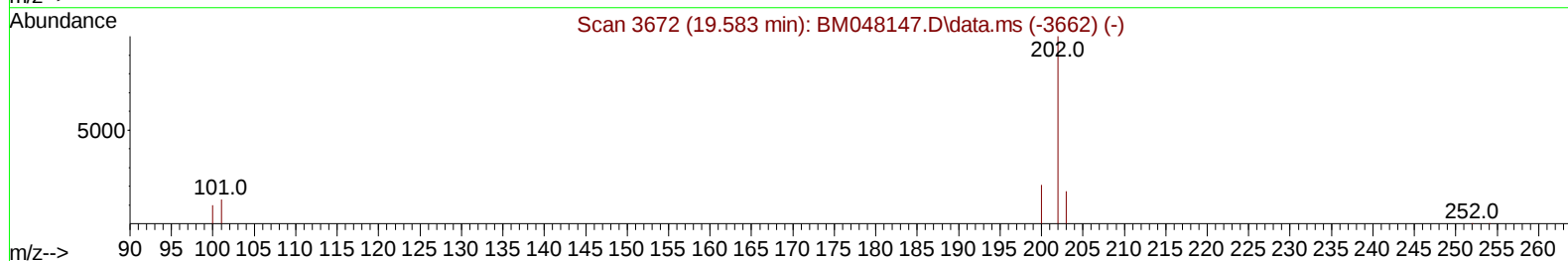
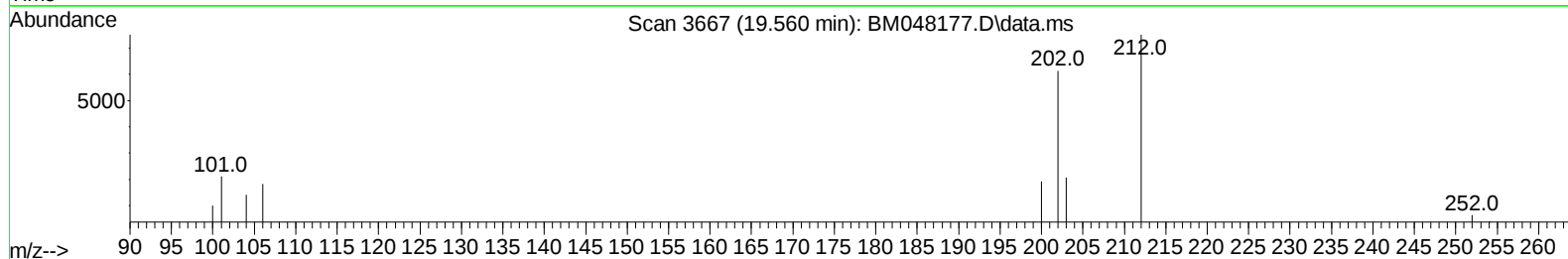
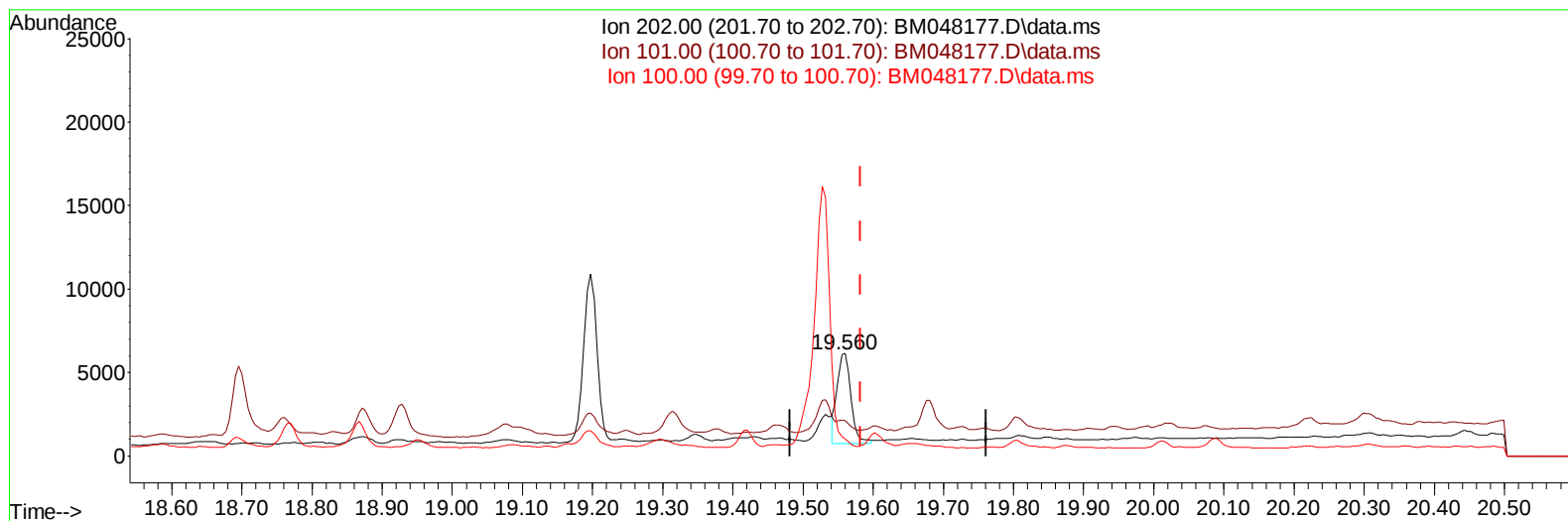
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048177.D
Acq On : 22 Oct 2024 05:05
Operator : RC/JU
Sample : P4380-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H7

Manual IntegrationsAPPROVED

Quant Time: Oct 22 05:37:57 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: BM048177.D\data.ms

(20) Pyrene

19.560min (-0.022) 0.10 ng/ul m

response 7314

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.30	34.55#
100.00	10.10	16.22#
0.00	0.00	0.00

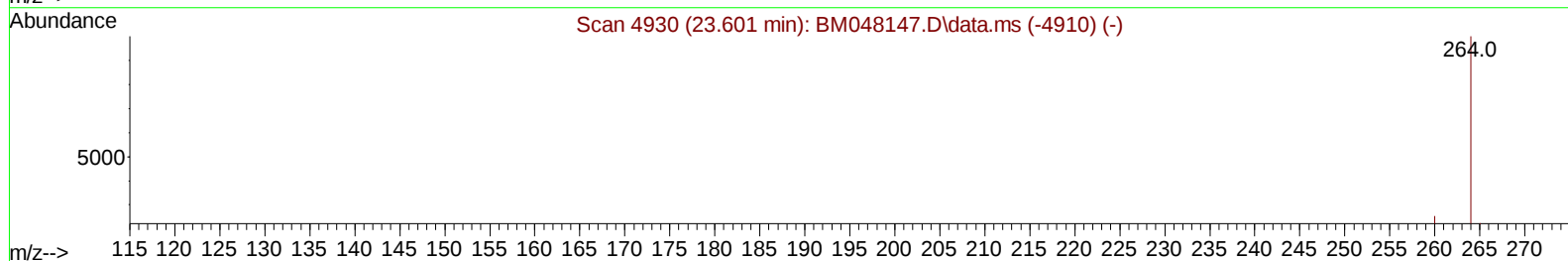
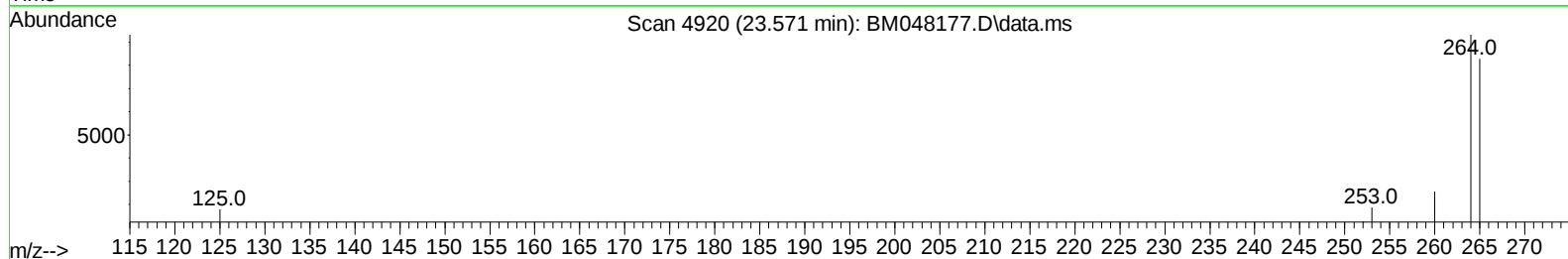
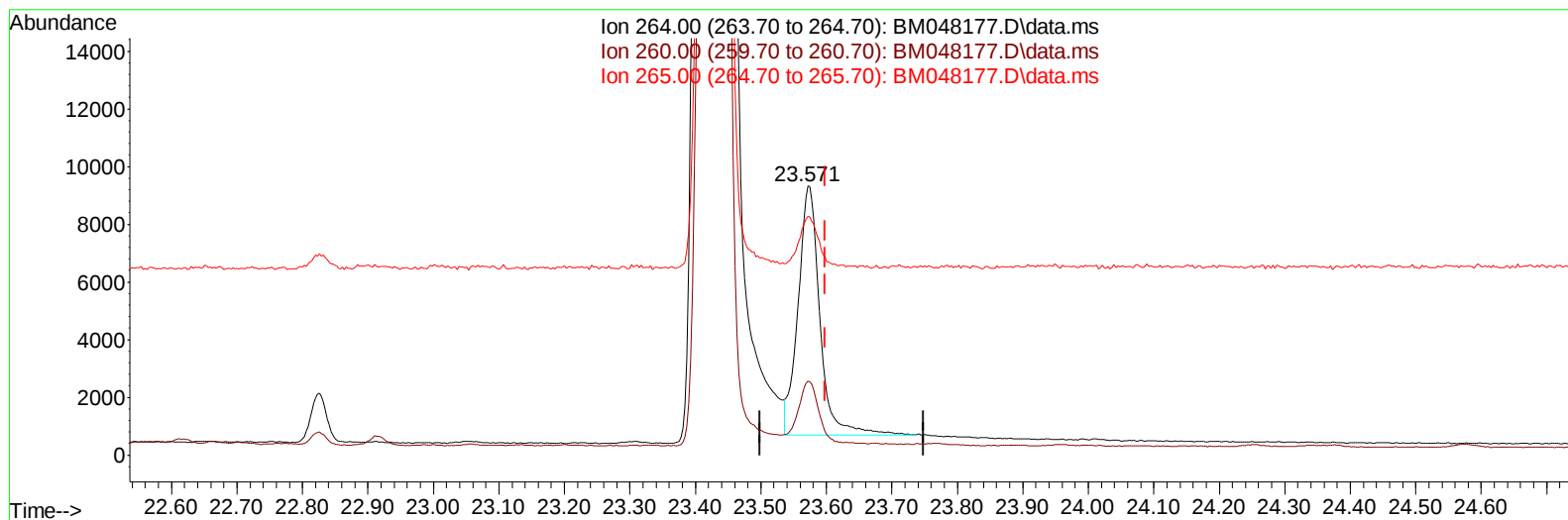
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048177.D
Acq On : 22 Oct 2024 05:05
Operator : RC/JU
Sample : P4380-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H7

Manual IntegrationsAPPROVED

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

Quant Time: Oct 22 05:37:57 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



TIC: BM048177.D\data.ms

(23) Perylene-d12 (I)

23.571min (-0.027) 0.40 ng/u1

response 19864

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	27.50
265.00	128.10	88.70#
0.00	0.00	0.00

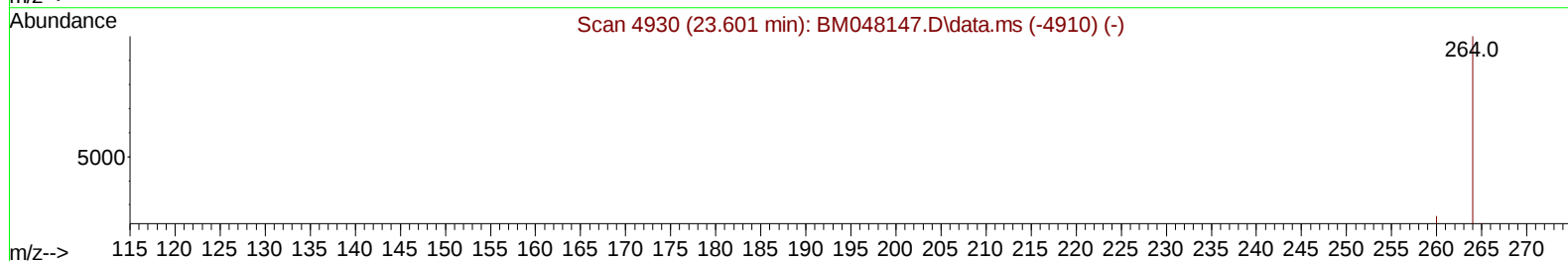
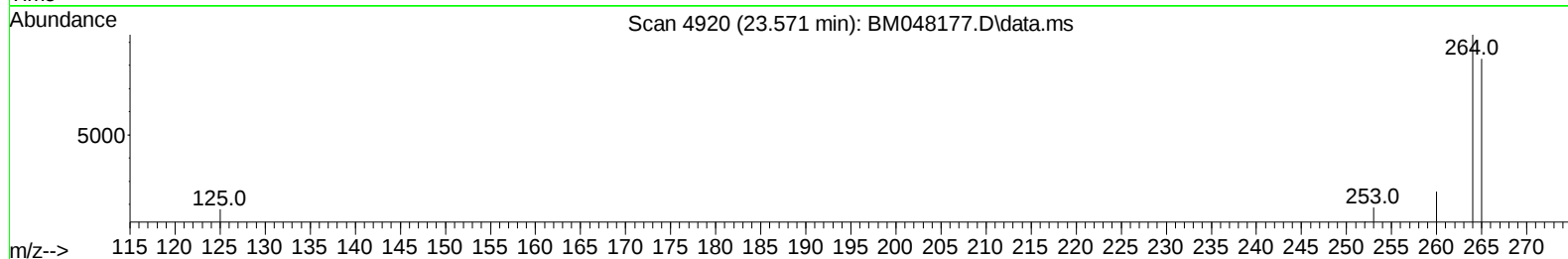
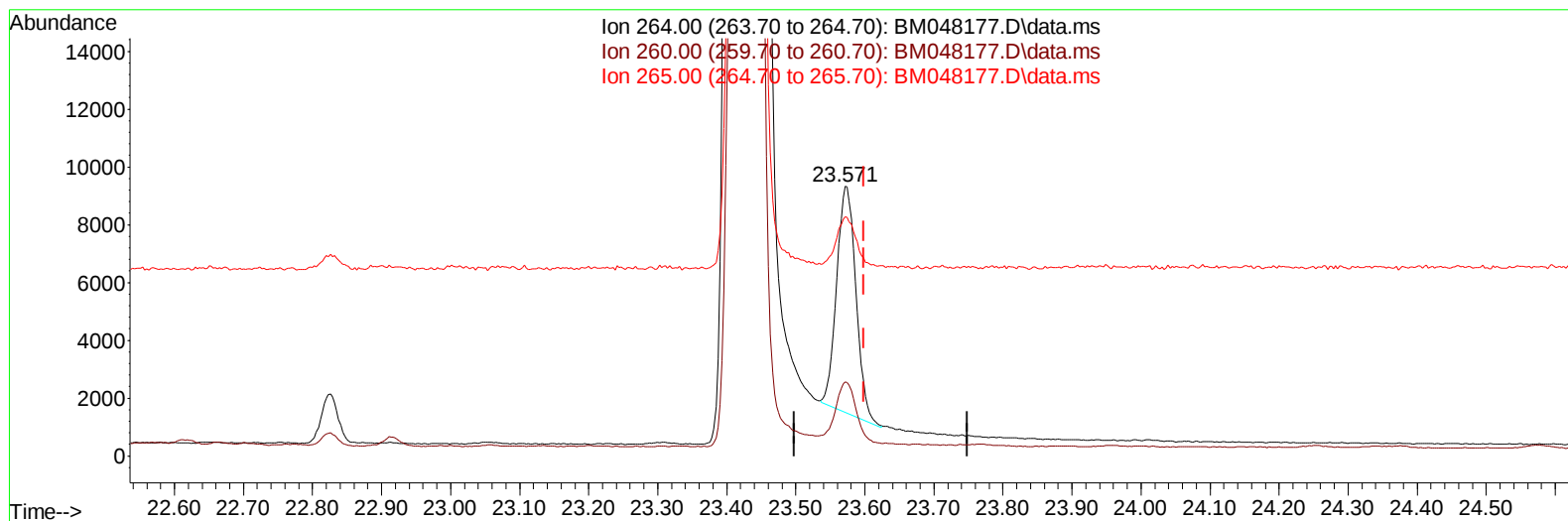
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048177.D
Acq On : 22 Oct 2024 05:05
Operator : RC/JU
Sample : P4380-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H7

Manual IntegrationsAPPROVED

Quant Time: Oct 22 05:37:57 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: BM048177.D\data.ms

(23) Perylene-d12 (I)

23.571min (-0.027) 0.40 ng/ul m

response 15133

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	27.50
265.00	128.10	88.70#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
 Data File : BM048177.D
 Acq On : 22 Oct 2024 05:05
 Operator : RC/JU
 Sample : P4380-06
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E27H7

Manual IntegrationsAPPROVED

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

Quant Time: Oct 22 05:37:57 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

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.767	152		6225	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.552	136		19500	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.400	164		12678	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.141	188		22015m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.312	240		17188m	0.400	ng/ul	-0.02
23) Perylene-d12	23.571	264		15133m	0.400	ng/ul	-0.03
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.235	96		32481	3.838	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.146	152		8879	0.327	ng/ul	-0.05
18) Fluoranthene-d10	19.165	212		20985	0.420	ng/ul	-0.03
Target Compounds							Qvalue
5) Naphthalene	10.607	128		6510301	122.846	ng/ul	97
7) 2-Methylnaphthalene	12.218	142		163916	5.406	ng/ul	97
8) 1-Methylnaphthalene	12.438	142		120641	3.457	ng/ul	95
10) Acenaphthylene	14.123	152		100718	1.720	ng/ul	98
11) Acenaphthene	14.460	153		50251	1.201	ng/ul	98
12) Fluorene	15.450	166		90187	2.011	ng/ul	98
15) Phenanthrene	17.183	178		133407m	2.398	ng/ul	
16) Anthracene	17.272	178		21407m	0.407	ng/ul	
19) Fluoranthene	19.197	202		13861	0.205	ng/ul#	76
20) Pyrene	19.560	202		7314m	0.101	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048177.D
Acq On : 22 Oct 2024 05:05
Operator : RC/JU
Sample : P4380-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H7

Manual IntegrationsAPPROVED

Quant Time: Oct 22 05:37:57 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

