

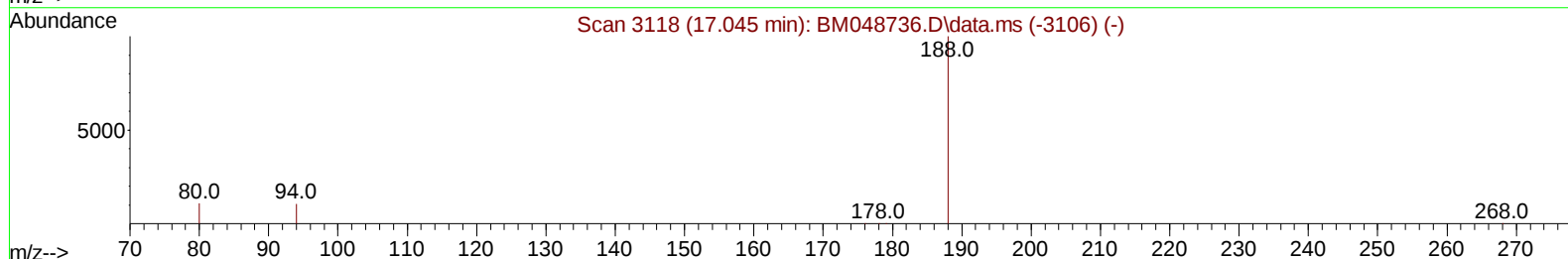
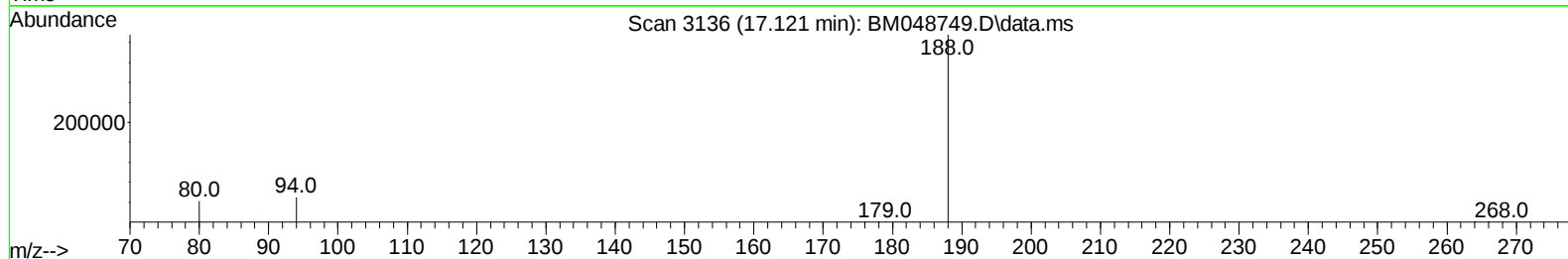
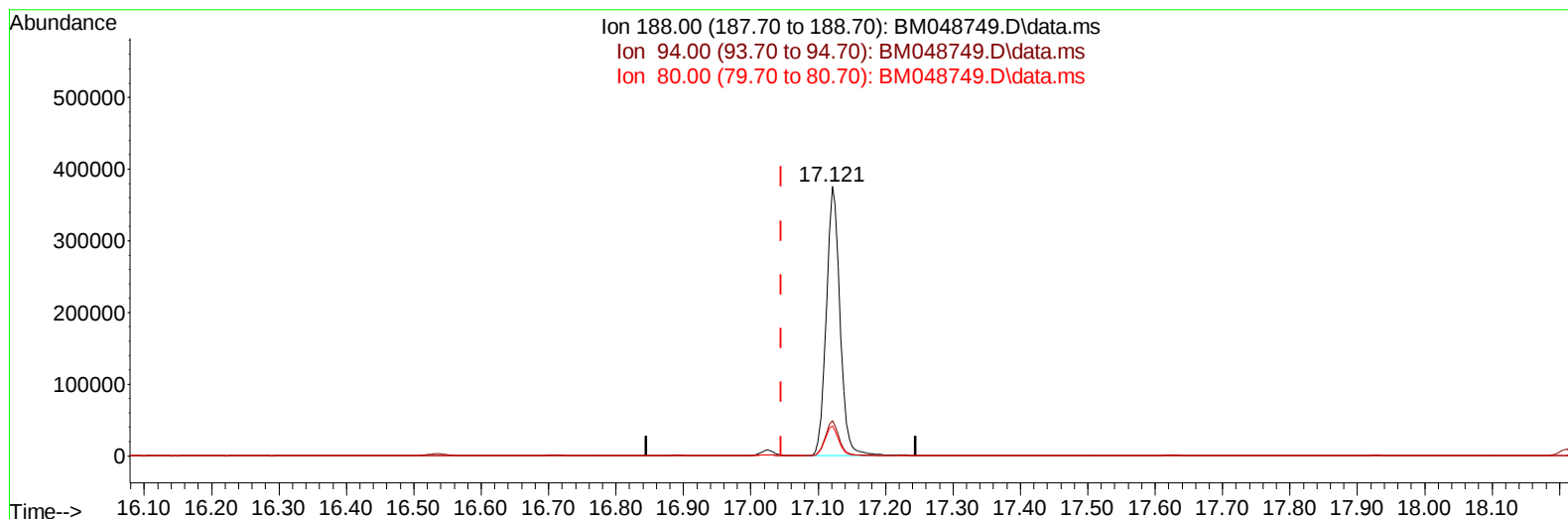
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111624\
Data File : BM048749.D
Acq On : 16 Nov 2024 19:29
Operator : RC/JU
Sample : P4803-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A0AS1

Manual IntegrationsAPPROVED

Quant Time: Nov 17 22:49:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 17 22:31:02 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



TIC: BM048749.D\data.ms

(13) Phenanthrene-d10 (I)

17.121min (+ 0.076) 0.40 ng/u1

response 530059

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.00	13.11
80.00	12.60	11.21
0.00	0.00	0.00

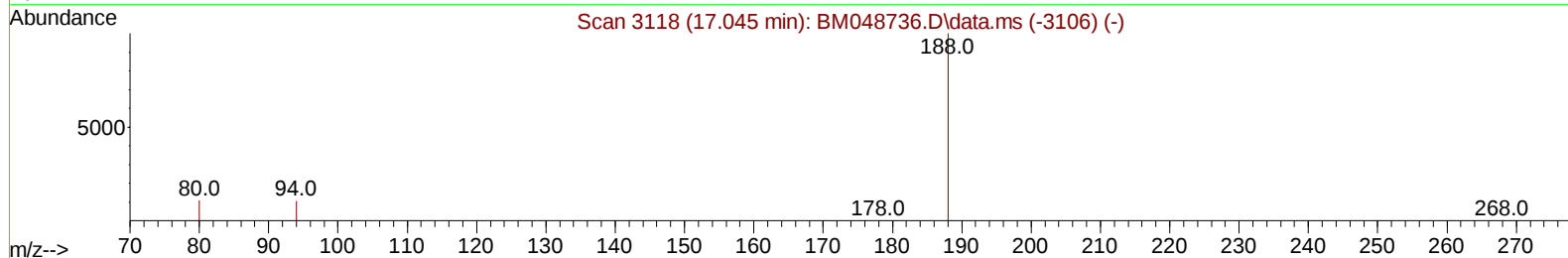
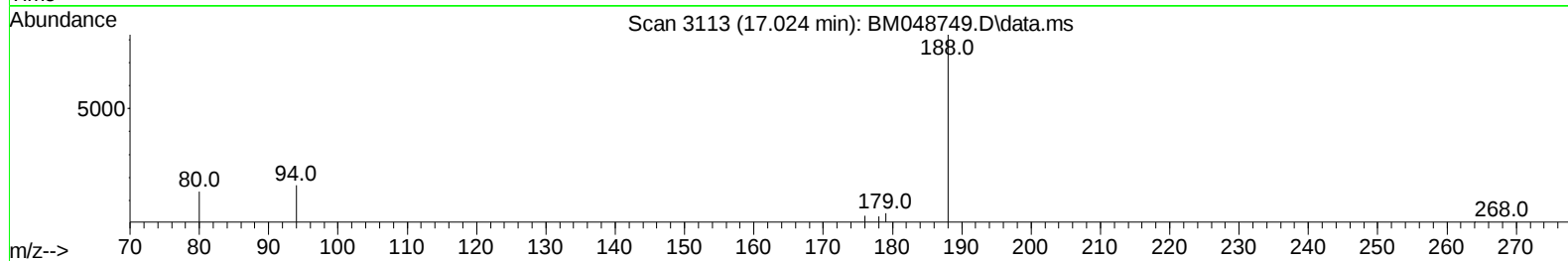
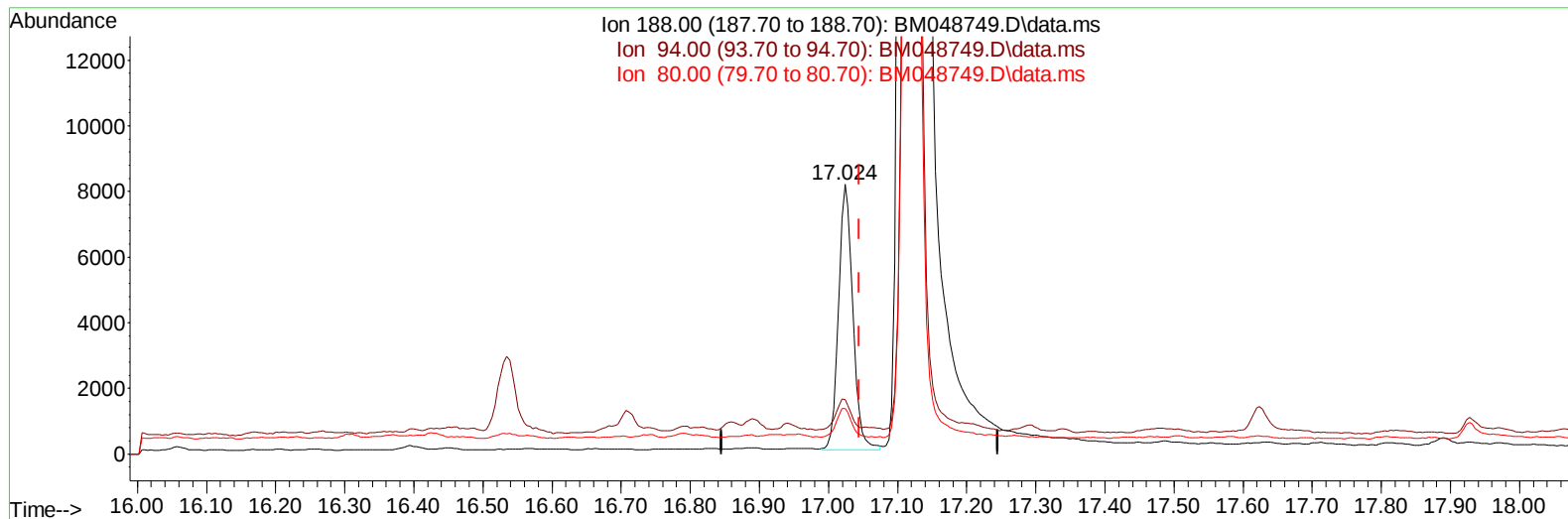
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111624\
Data File : BM048749.D
Acq On : 16 Nov 2024 19:29
Operator : RC/JU
Sample : P4803-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A0AS1

Manual IntegrationsAPPROVED

Quant Time: Nov 17 22:49:24 2024
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QLast Update : Sun Nov 17 22:31:02 2024
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Reviewed By :Yogesh Patel 11/19/2024
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TIC: BM048749.D\data.ms

(13) Phenanthrene-d10 (I)

17.024min (-0.021) 0.40 ng/ul m

response 11675

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.00	20.24#
80.00	12.60	16.99#
0.00	0.00	0.00

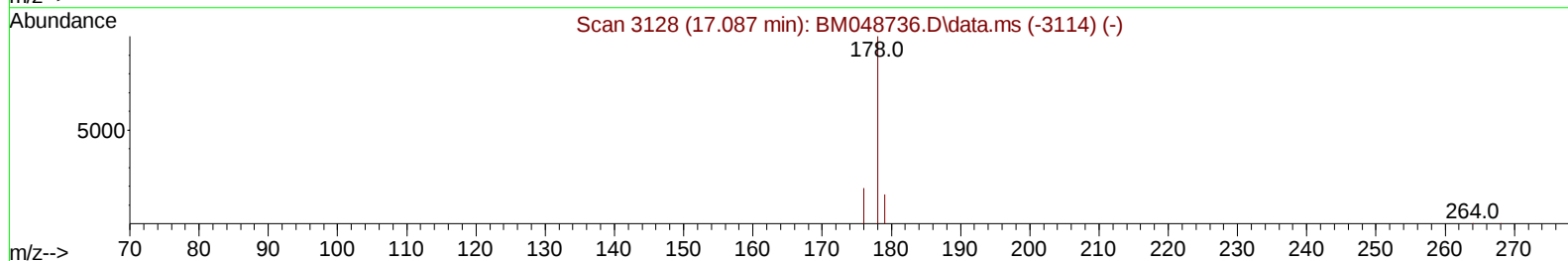
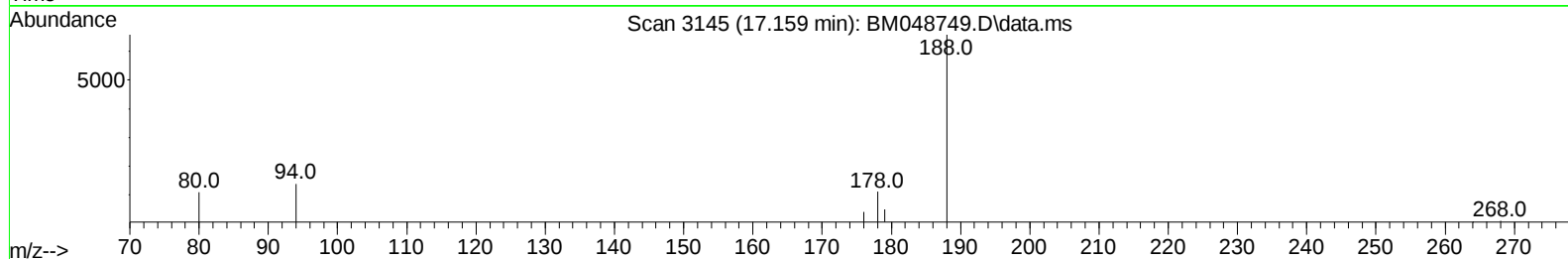
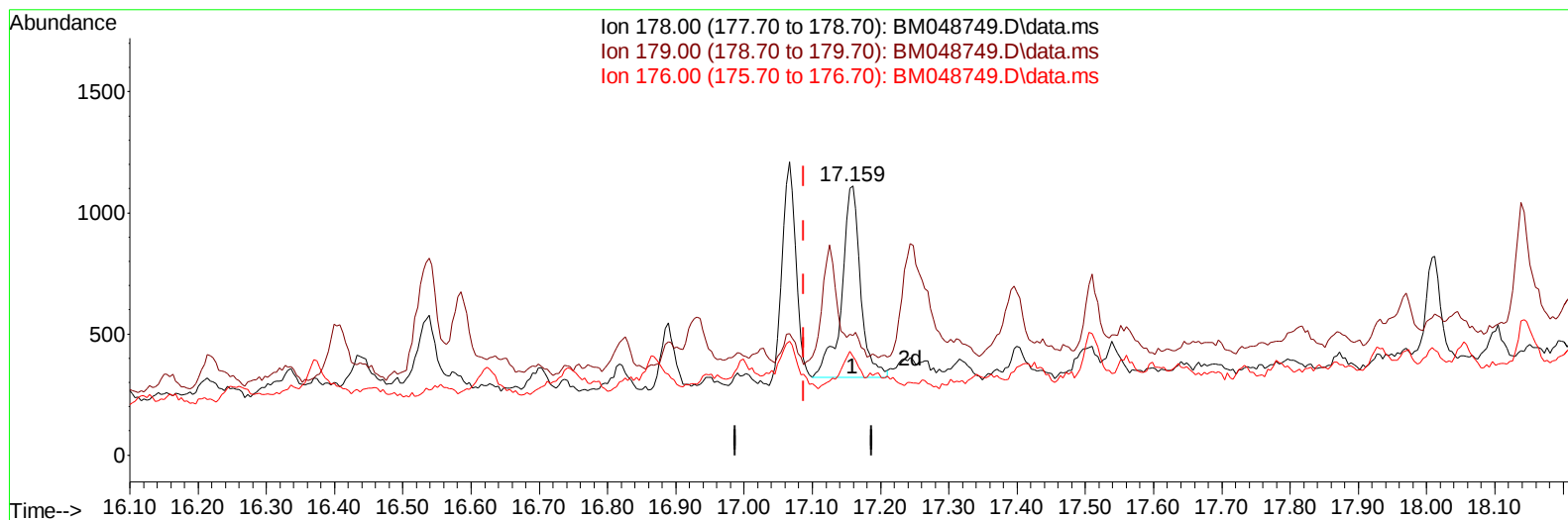
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111624\
 Data File : BM048749.D
 Acq On : 16 Nov 2024 19:29
 Operator : RC/JU
 Sample : P4803-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A0AS1

Manual IntegrationsAPPROVED

Quant Time: Nov 17 22:49:24 2024
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TIC: BM048749.D\data.ms

(15) Phenanthrene

17.159min (+ 0.072) 0.05 ng/u1

response 1521

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.70	44.41#
176.00	20.20	36.76#
0.00	0.00	0.00

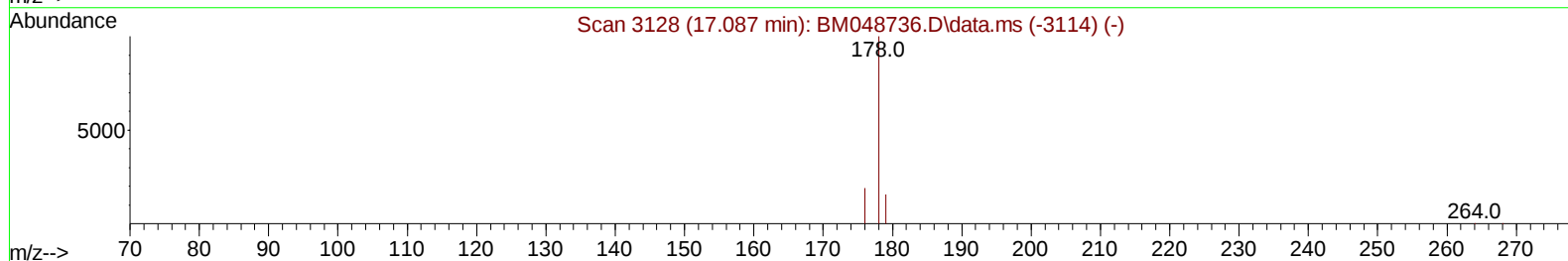
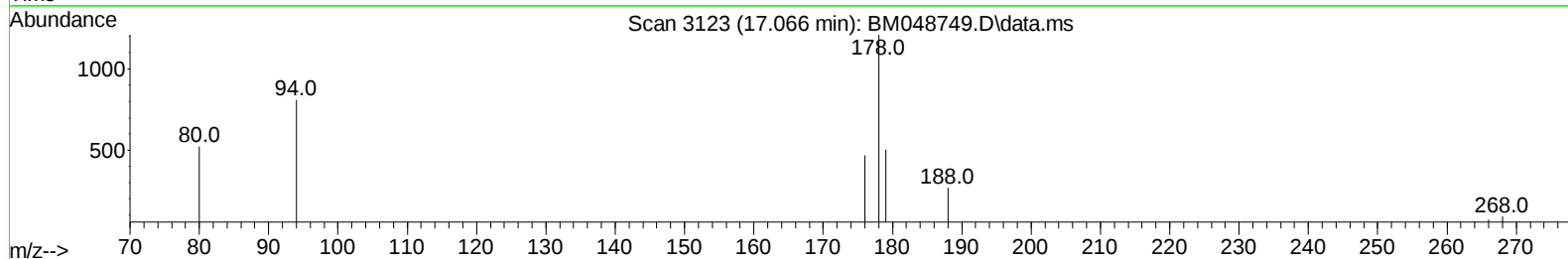
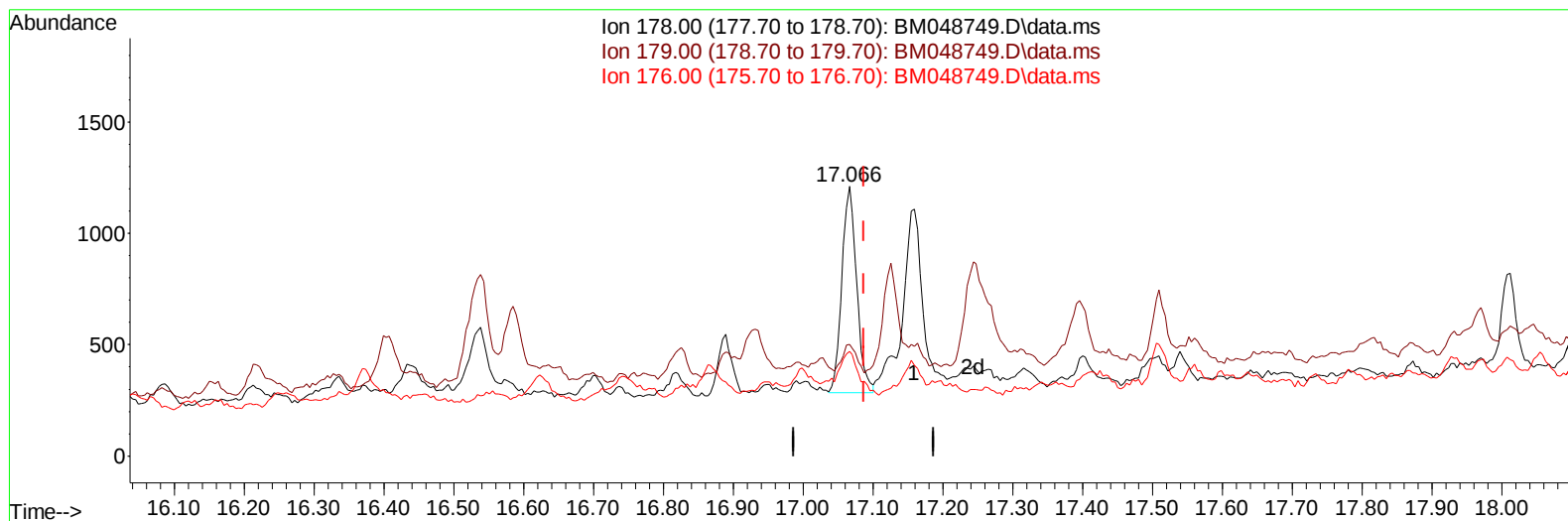
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111624\
Data File : BM048749.D
Acq On : 16 Nov 2024 19:29
Operator : RC/JU
Sample : P4803-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A0AS1

Manual IntegrationsAPPROVED

Quant Time: Nov 17 22:49:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM048749.D\data.ms

(15) Phenanthrene

17.066min (-0.021) 0.04 ng/ul m

response 1362

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.70	41.37#
176.00	20.20	38.73#
0.00	0.00	0.00

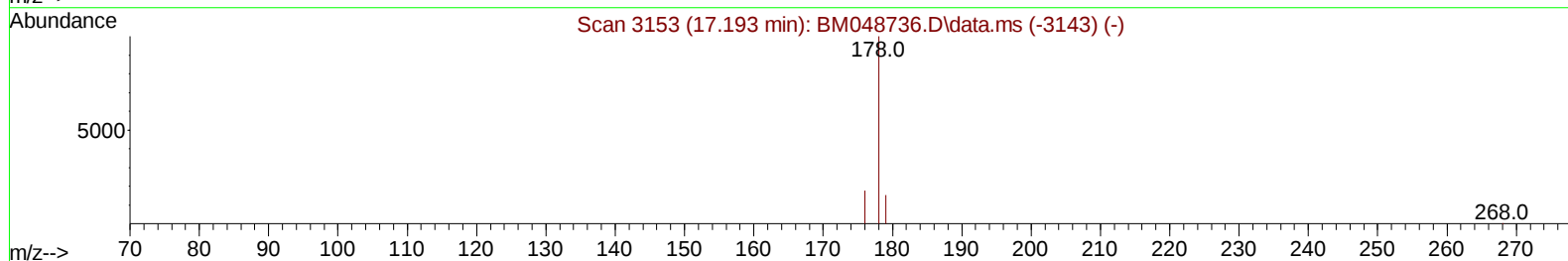
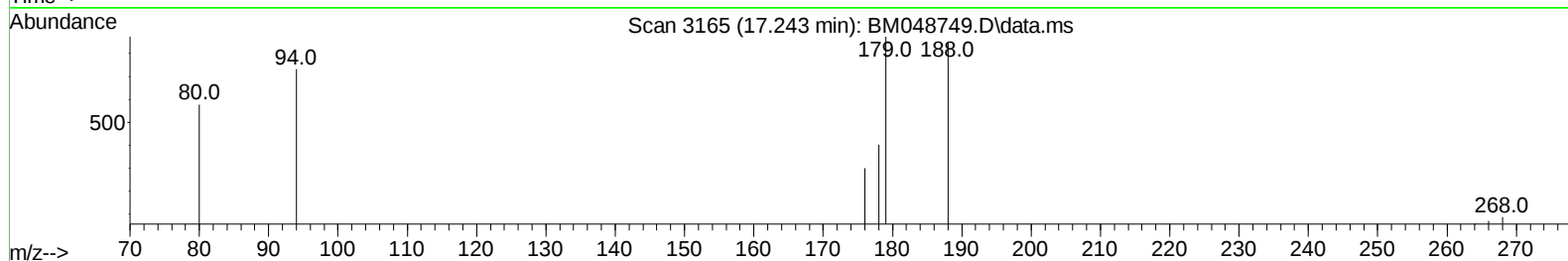
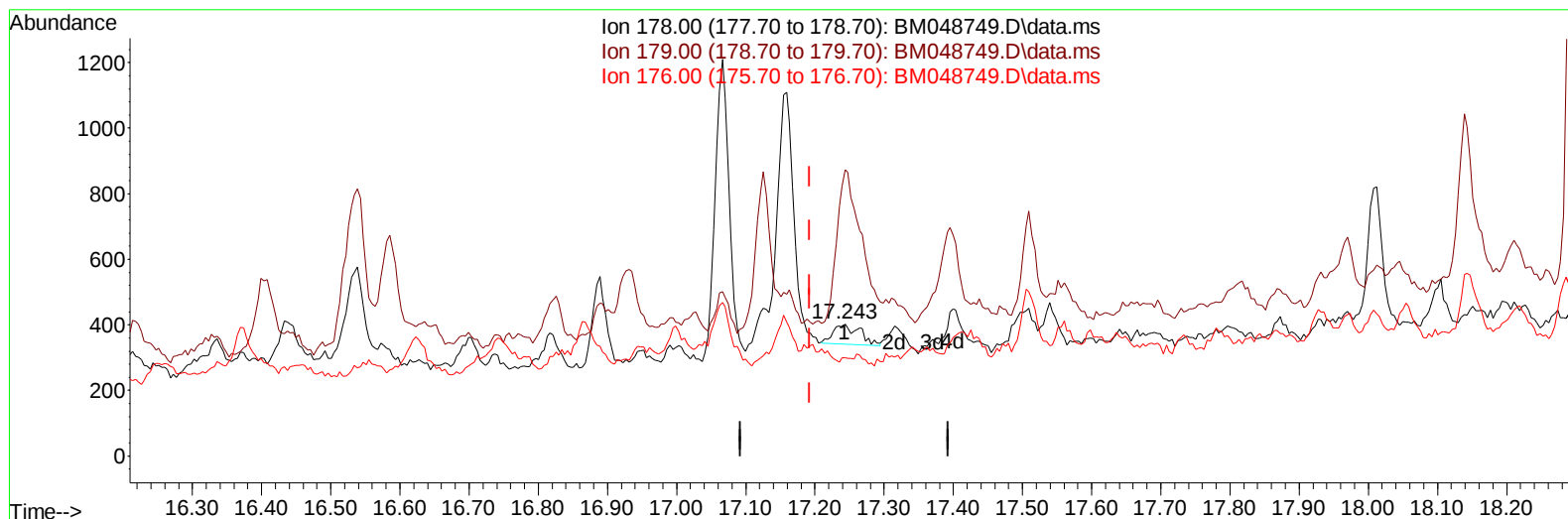
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111624\
Data File : BM048749.D
Acq On : 16 Nov 2024 19:29
Operator : RC/JU
Sample : P4803-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A0AS1

Manual IntegrationsAPPROVED

Quant Time: Nov 17 22:49:24 2024
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QLast Update : Sun Nov 17 22:31:02 2024
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TIC: BM048749.D\data.ms

(16) Anthracene

17.243min (+ 0.051) 0.01 ng/u1

response 156

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.10	216.63#
176.00	19.90	74.44#
0.00	0.00	0.00

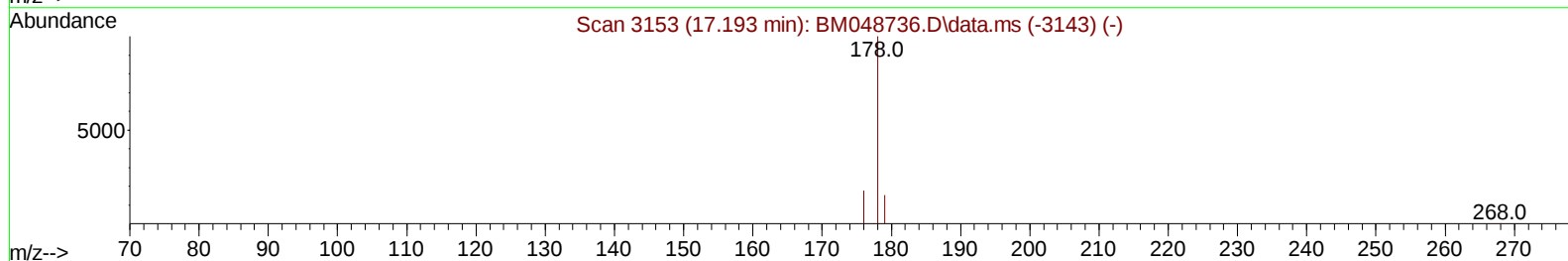
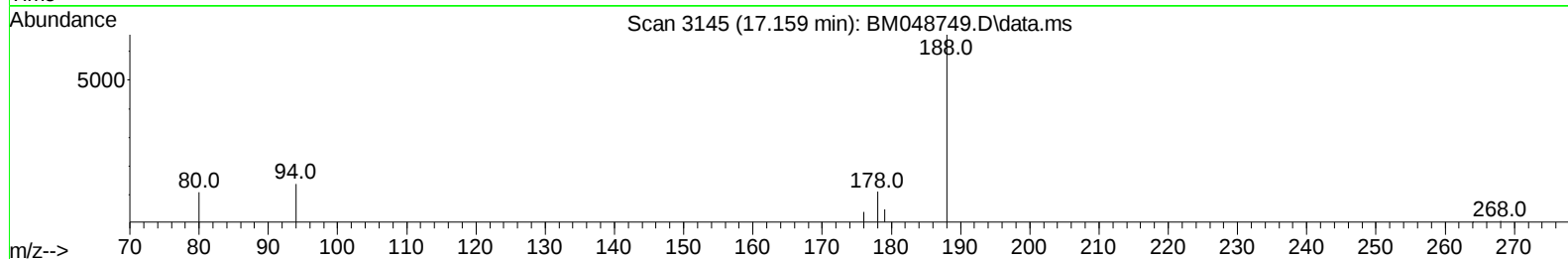
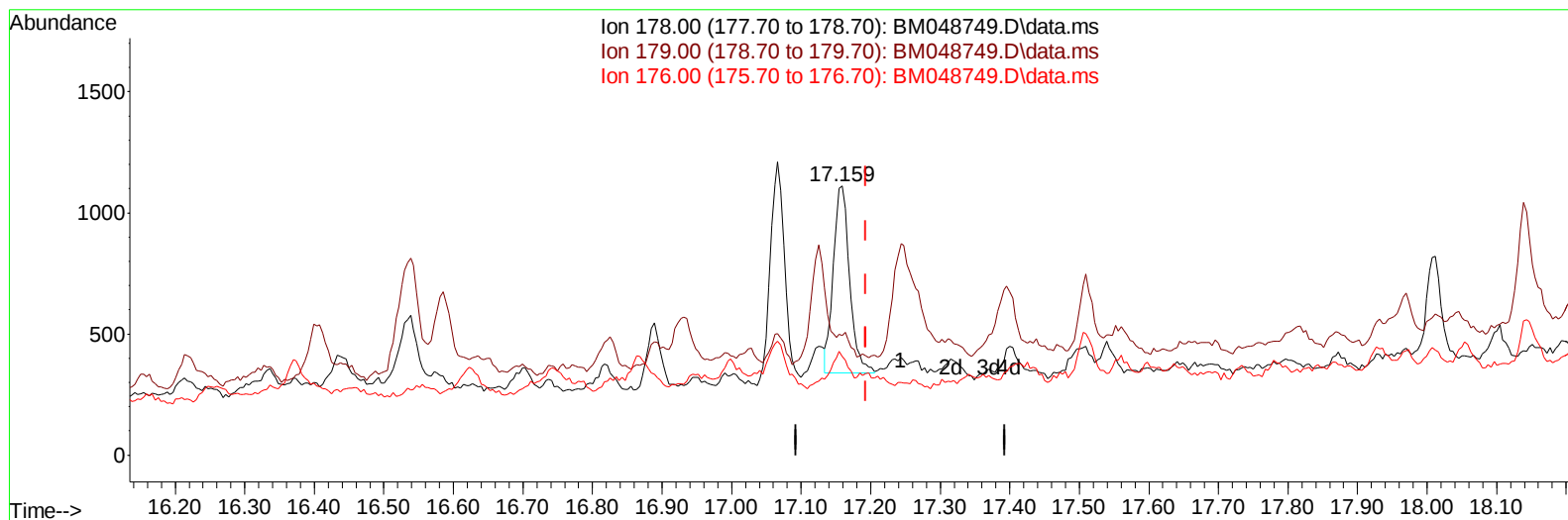
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111624\
Data File : BM048749.D
Acq On : 16 Nov 2024 19:29
Operator : RC/JU
Sample : P4803-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A0AS1

Manual IntegrationsAPPROVED

Quant Time: Nov 17 22:49:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 17 22:31:02 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



TIC: BM048749.D\data.ms

(16) Anthracene

17.159min (-0.034) 0.04 ng/u1 m

response 1258

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.10	44.41#
176.00	19.90	36.76#
0.00	0.00	0.00

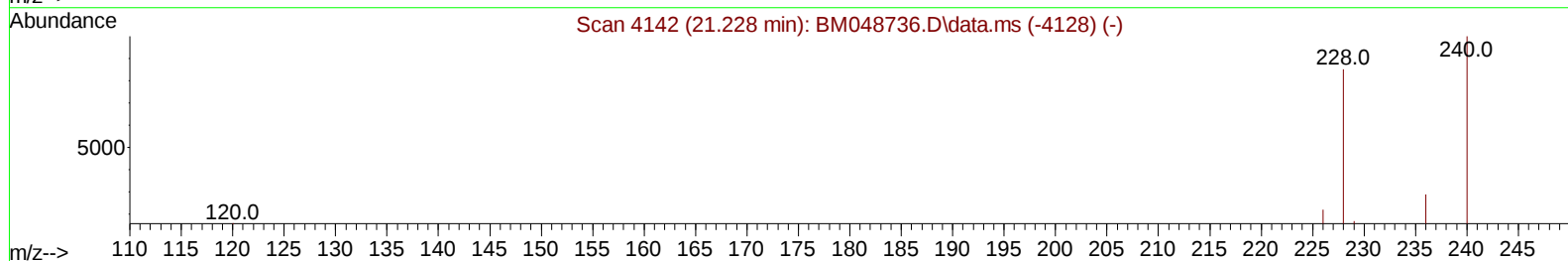
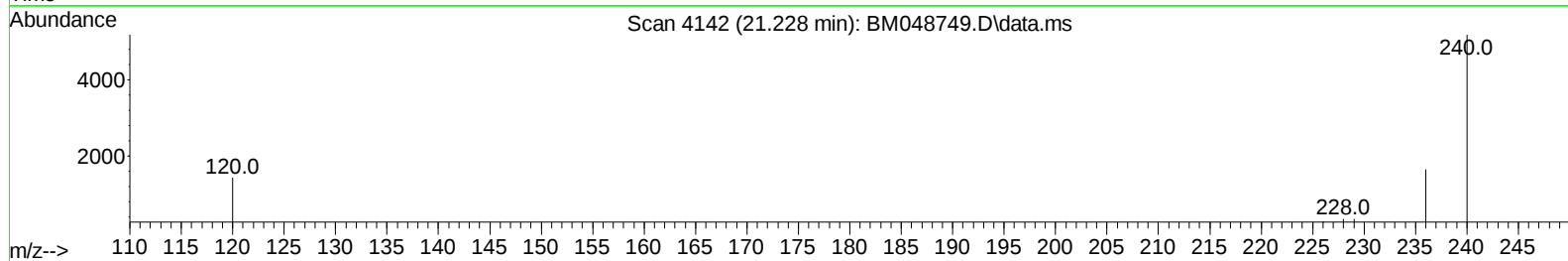
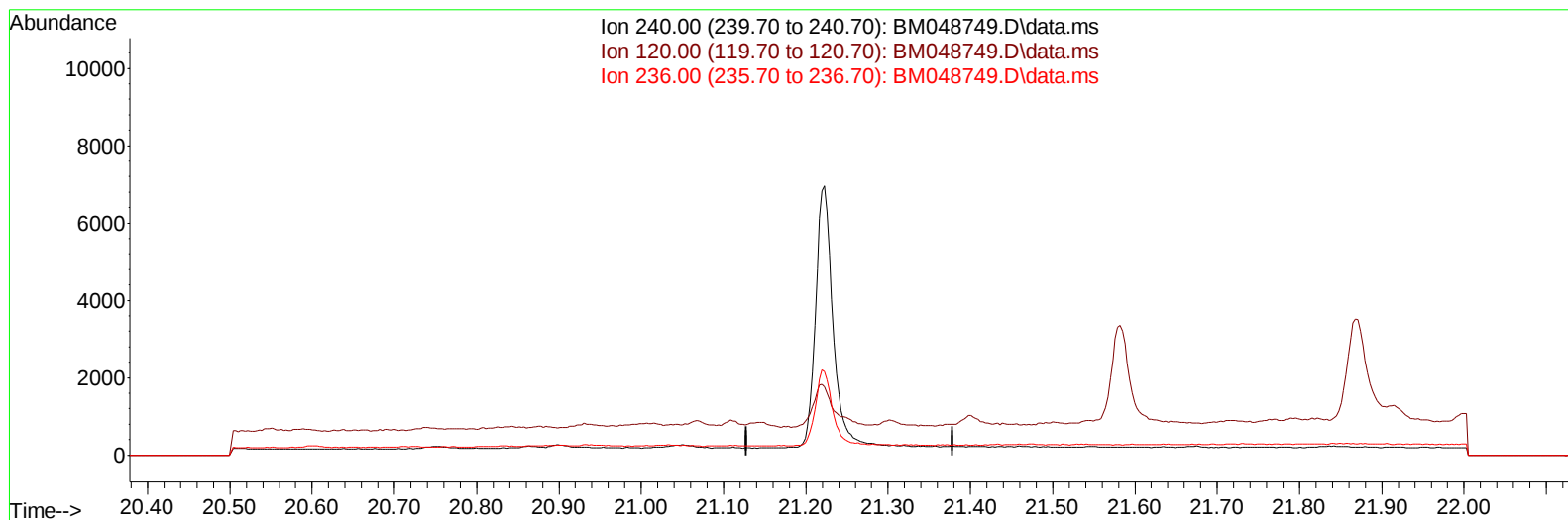
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111624\
Data File : BM048749.D
Acq On : 16 Nov 2024 19:29
Operator : RC/JU
Sample : P4803-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A0AS1

Manual IntegrationsAPPROVED

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Quant Time: Nov 17 22:49:24 2024
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TIC: BM048749.D\data.ms

(17) Chrysene-d12

21.228min (-21.228) 0.00 ng/u1

response 0

Ion	Exp%	Act%
240.00	100.00	0.00
120.00	20.50	0.00#
236.00	29.90	0.00#
0.00	0.00	0.00

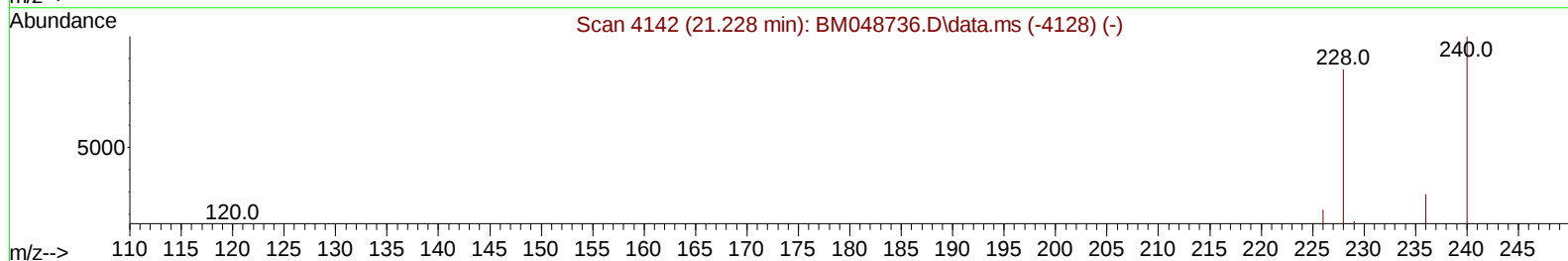
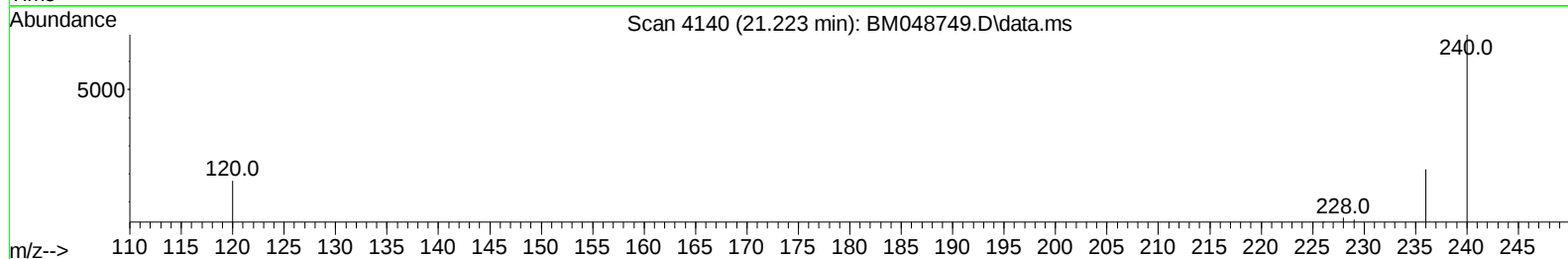
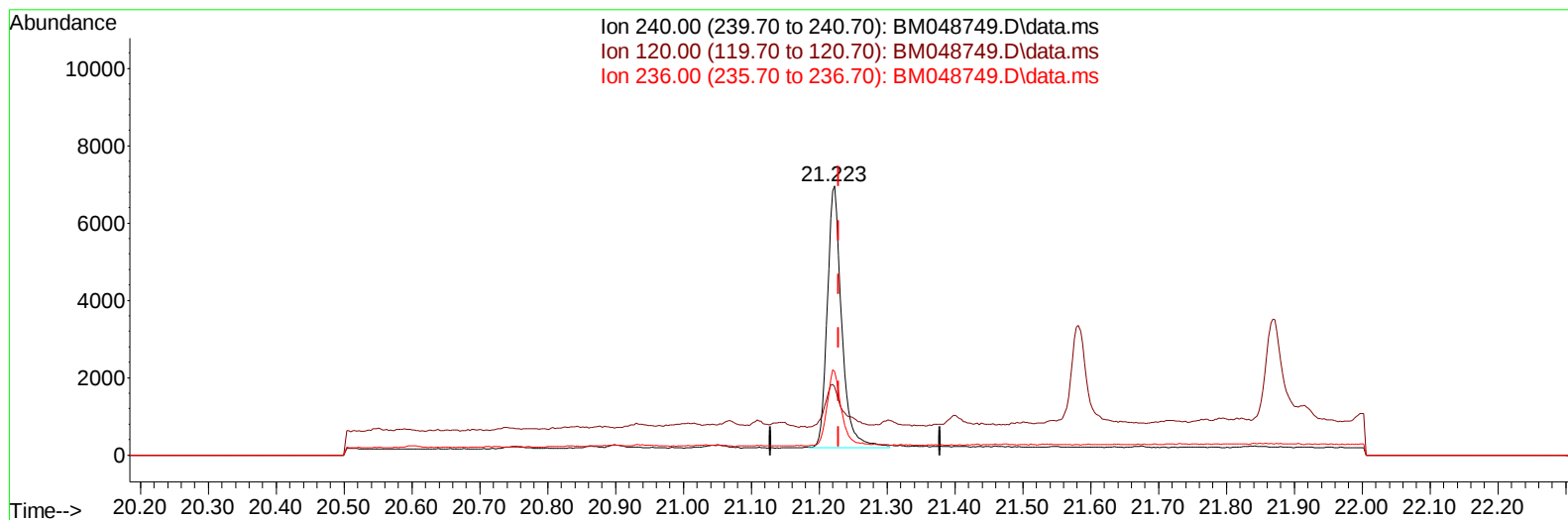
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111624\
Data File : BM048749.D
Acq On : 16 Nov 2024 19:29
Operator : RC/JU
Sample : P4803-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A0AS1

Manual IntegrationsAPPROVED

Quant Time: Nov 17 22:49:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
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QLast Update : Sun Nov 17 22:31:02 2024
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Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



TIC: BM048749.D\data.ms

(17) Chrysene-d12

21.223min (-0.006) 0.40 ng/u1 m

response 10011

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	20.50	25.27#
236.00	29.90	30.95
0.00	0.00	0.00

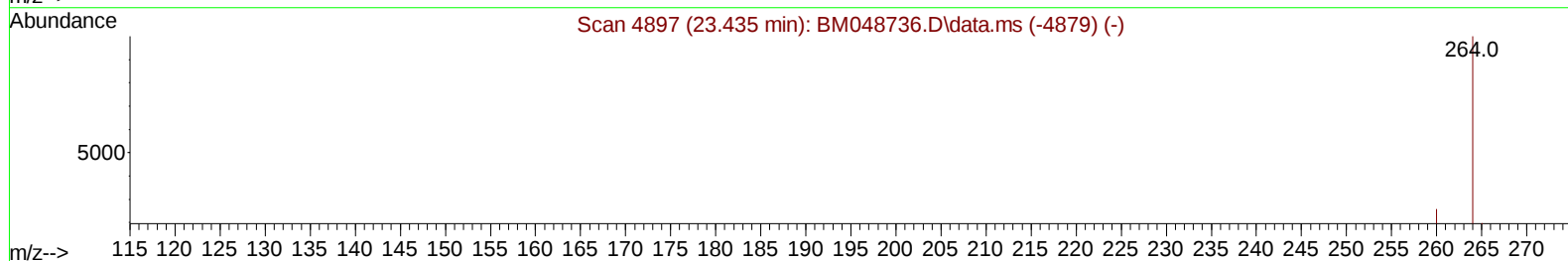
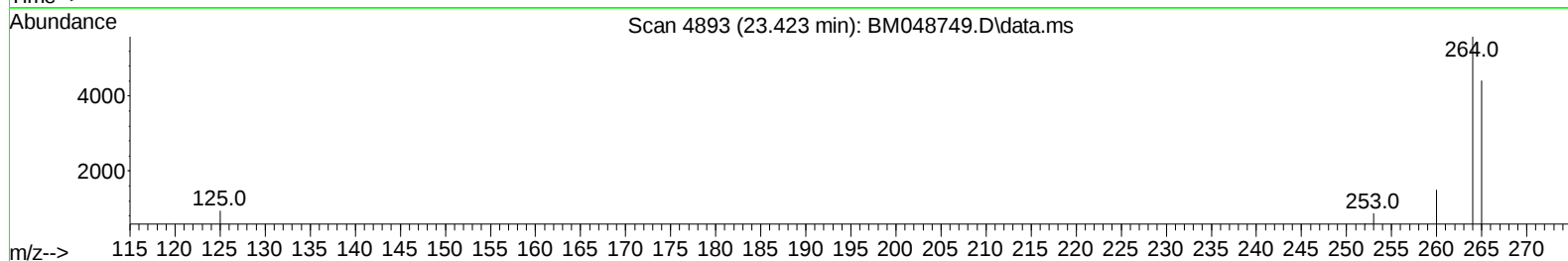
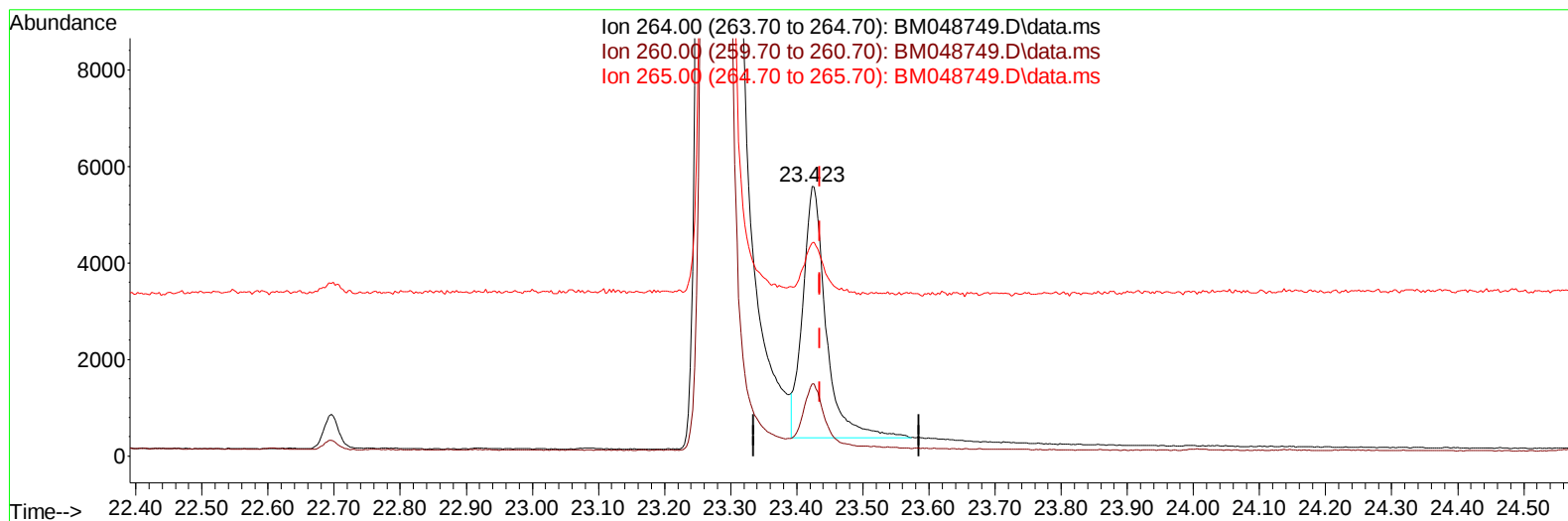
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111624\
Data File : BM048749.D
Acq On : 16 Nov 2024 19:29
Operator : RC/JU
Sample : P4803-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A0AS1

Manual IntegrationsAPPROVED

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TIC: BM048749.D\data.ms

(23) Perylene-d12 (I)

23.423min (-0.012) 0.40 ng/u1

response 12789

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.30	26.78
265.00	119.80	79.08#
0.00	0.00	0.00

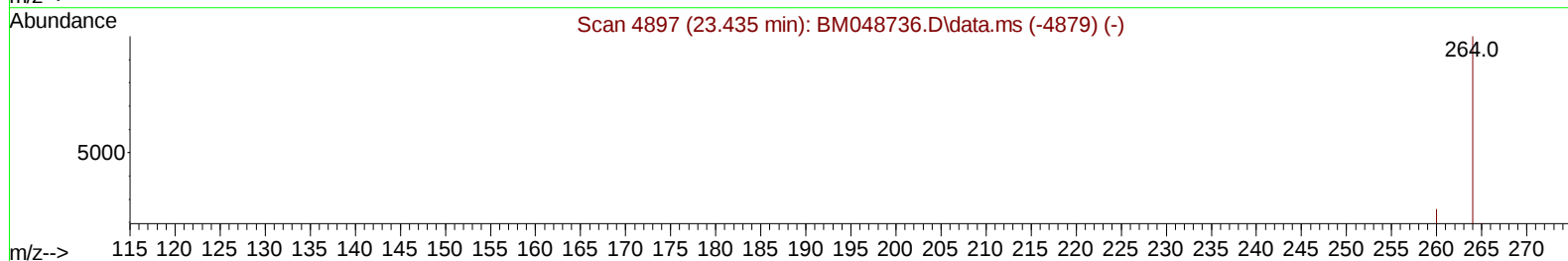
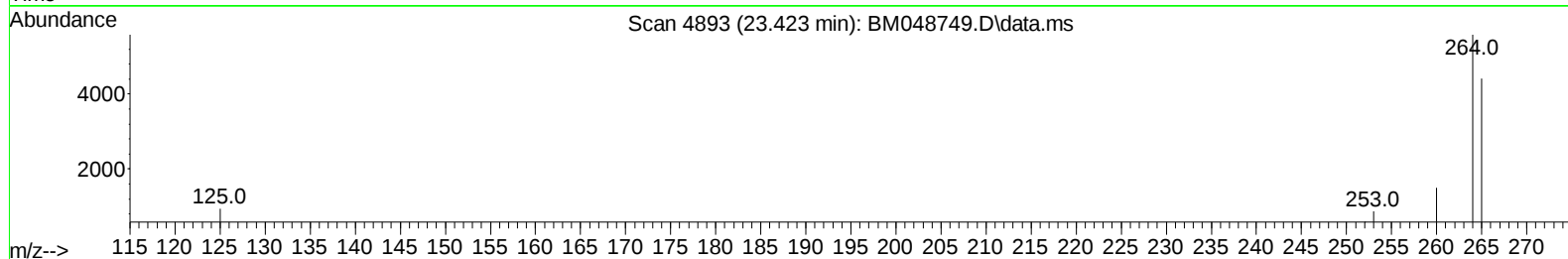
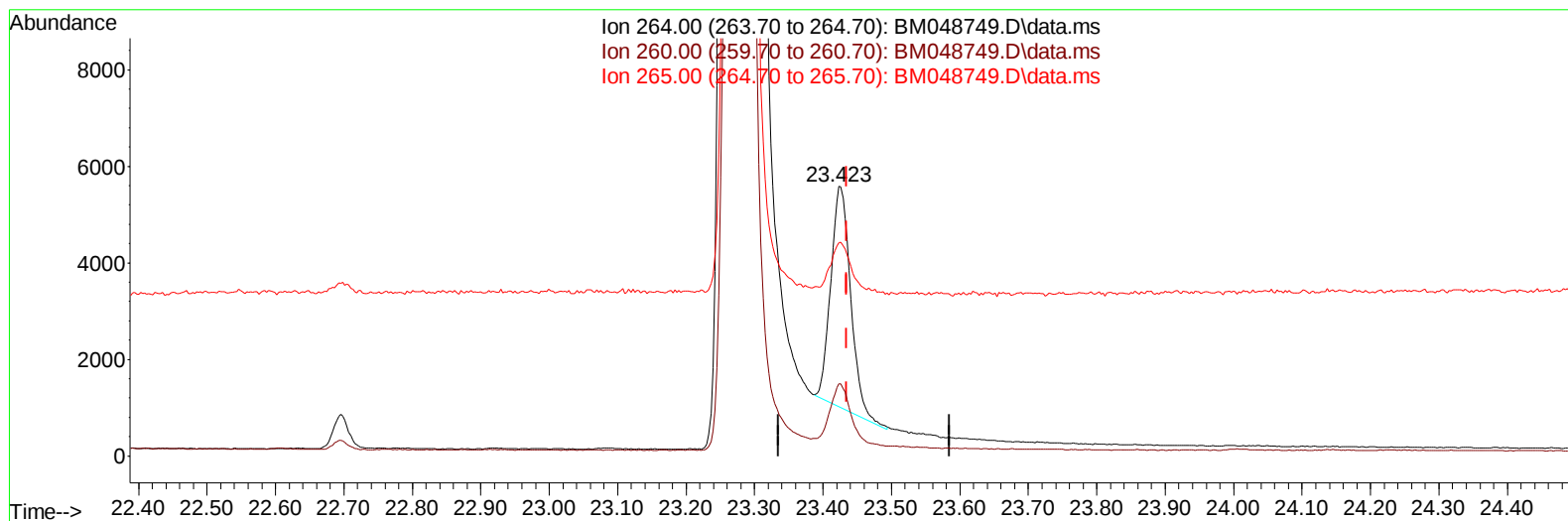
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111624\
Data File : BM048749.D
Acq On : 16 Nov 2024 19:29
Operator : RC/JU
Sample : P4803-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A0AS1

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TIC: BM048749.D\data.ms

(23) Perylene-d12 (I)

23.423min (-0.012) 0.40 ng/ul m

response 9188

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.30	26.78
265.00	119.80	79.08#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111624\
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 Sample : P4803-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A0AS1

Manual IntegrationsAPPROVED

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.629	152		3475	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.410	136		10530	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.276	164		5844	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.024	188		11675m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.223	240		10011m	0.400	ng/ul	0.00
23) Perylene-d12	23.423	264		9188m	0.400	ng/ul	-0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.089	96		16655	3.973	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.015	152		2511	0.184	ng/ul	-0.03
18) Fluoranthene-d10	19.059	212		6509	0.232	ng/ul	-0.01
Target Compounds							
						Qvalue	
5) Naphthalene	10.459	128		3577	0.136	ng/ul#	89
7) 2-Methylnaphthalene	12.092	142		1499	0.090	ng/ul#	79
8) 1-Methylnaphthalene	12.307	142		1910	0.112	ng/ul	100
11) Acenaphthene	14.336	153		453	0.026	ng/ul	88
12) Fluorene	15.331	166		639	0.033	ng/ul#	74
15) Phenanthrene	17.066	178		1362m	0.044	ng/ul	
16) Anthracene	17.159	178		1258m	0.044	ng/ul	
19) Fluoranthene	19.091	202		862	0.023	ng/ul#	1
21) Benzo(a)anthracene	21.208	228		752	0.023	ng/ul#	38
22) Chrysene	21.258	228		1302	0.033	ng/ul#	56
24) Benzo(b)fluoranthene	22.760	252		979	0.034	ng/ul#	1
25) Benzo(k)fluoranthene	22.806	252		928	0.028	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.662	276		891	0.023	ng/ul#	53
29) Benzo(g,h,i)perylene	26.353	276		686	0.021	ng/ul#	5

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

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
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A0AS1

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