

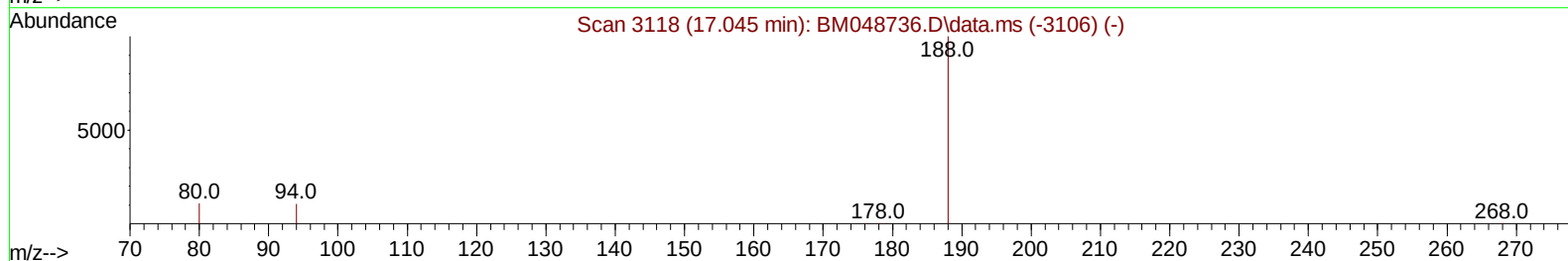
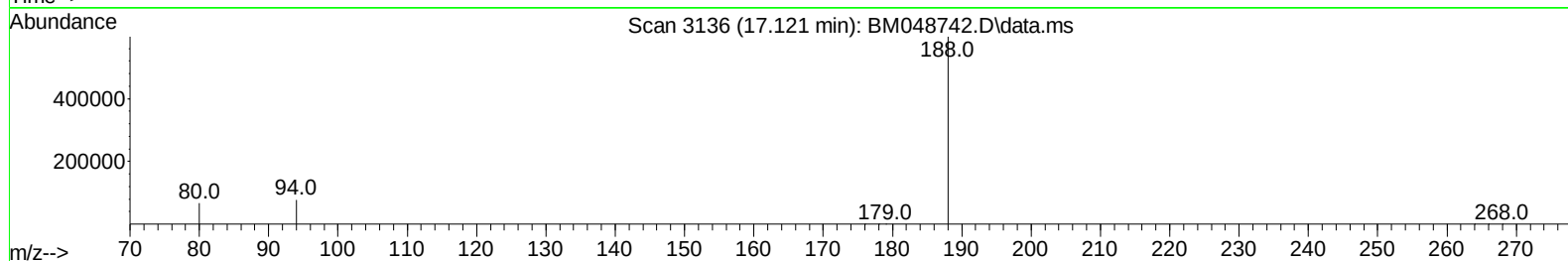
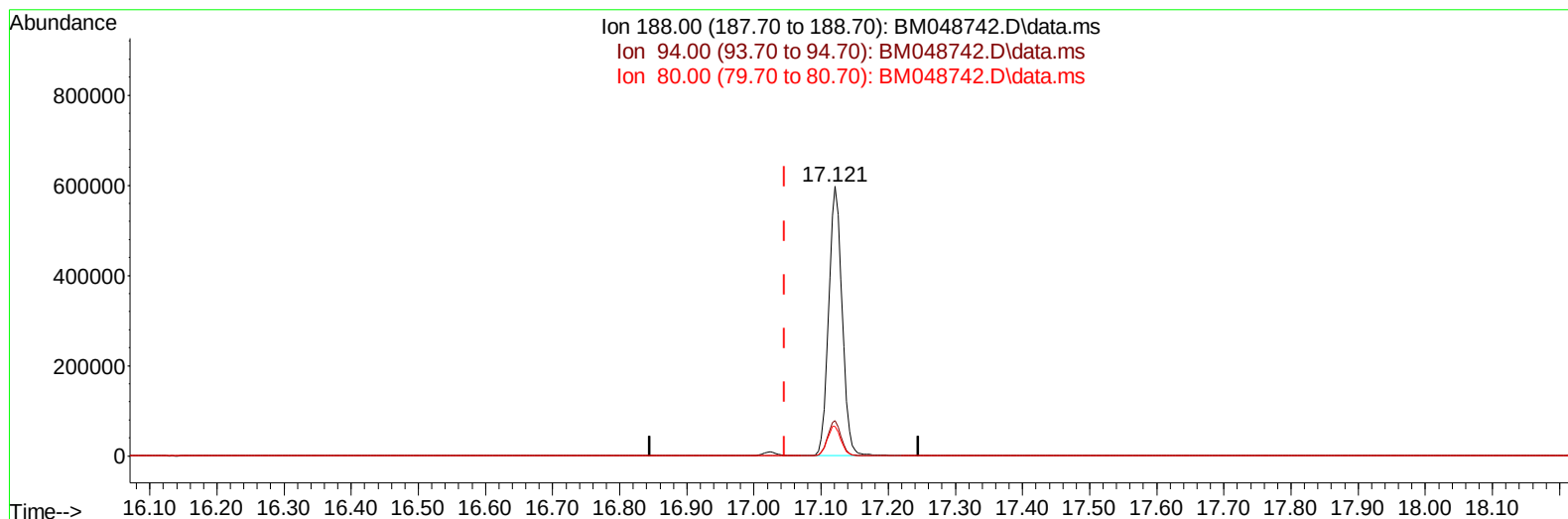
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111624\
Data File : BM048742.D
Acq On : 16 Nov 2024 15:15
Operator : RC/JU
Sample : P4803-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A0AP8

Manual IntegrationsAPPROVED

Quant Time: Nov 17 22:48:30 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: BM048742.D\data.ms

(13) Phenanthrene-d10 (I)

17.121min (+ 0.076) 0.40 ng/u1

response 841772

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.00	13.06
80.00	12.60	11.10
0.00	0.00	0.00

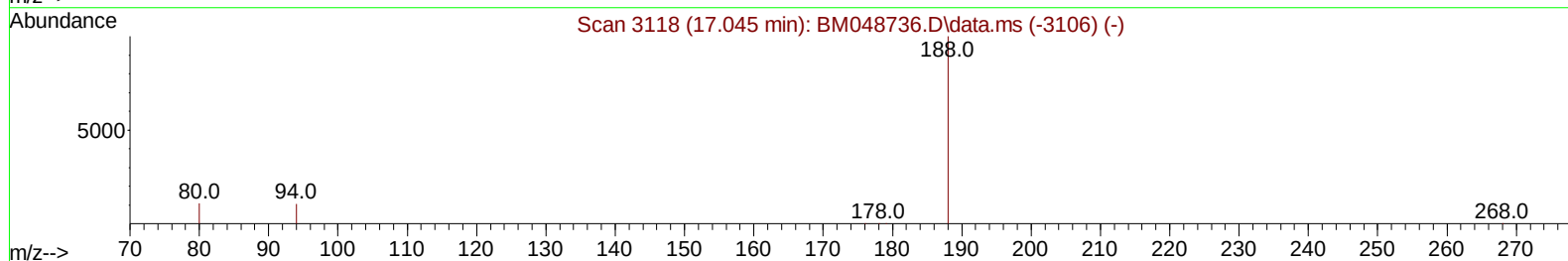
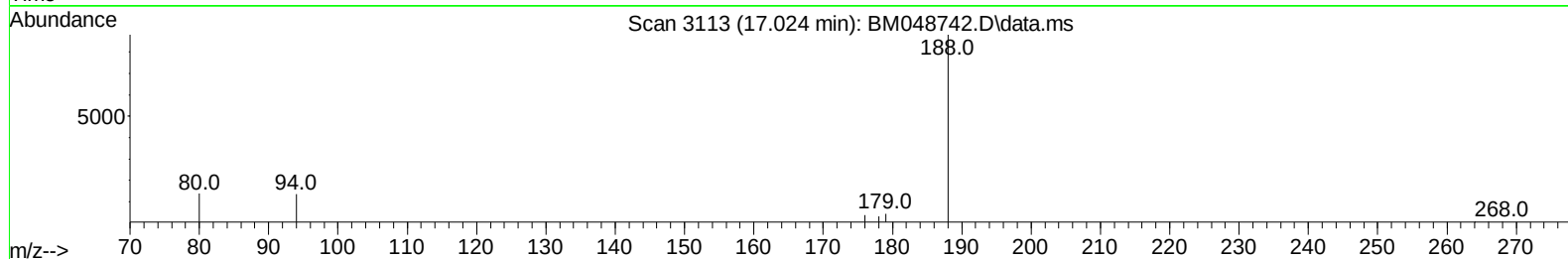
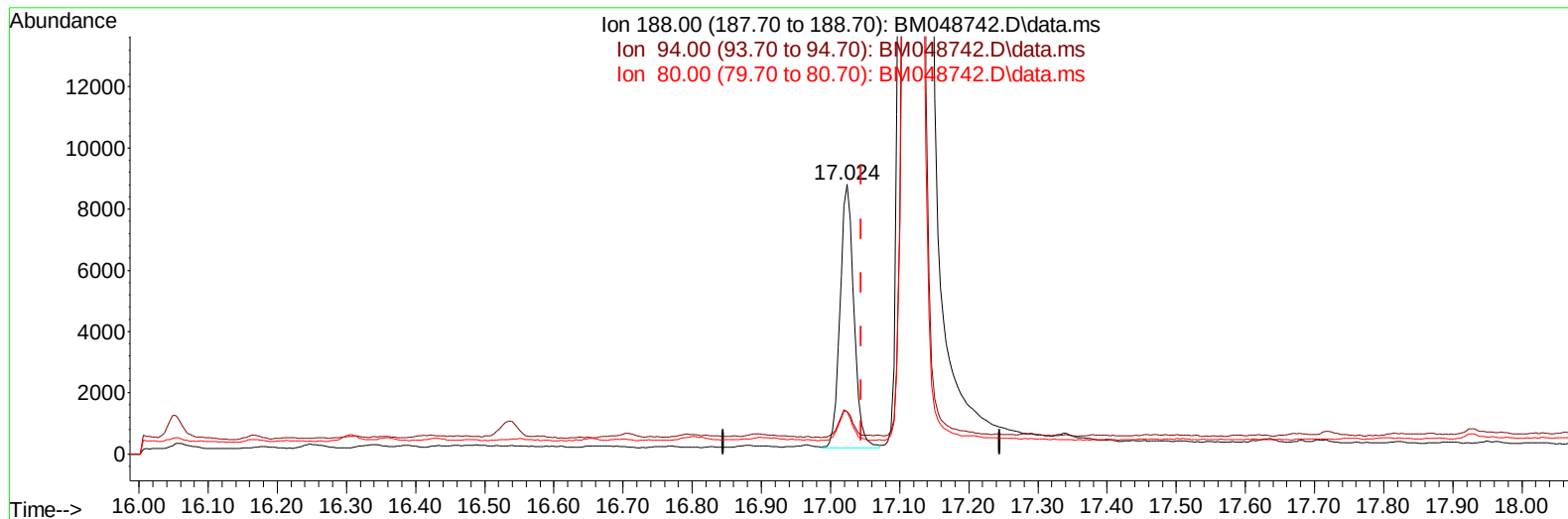
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111624\
Data File : BM048742.D
Acq On : 16 Nov 2024 15:15
Operator : RC/JU
Sample : P4803-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A0AP8

Manual IntegrationsAPPROVED

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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: BM048742.D\data.ms

(13) Phenanthrene-d10 (I)

17.024min (-0.021) 0.40 ng/ul m

response 11906

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.00	15.58#
80.00	12.60	15.67#
0.00	0.00	0.00

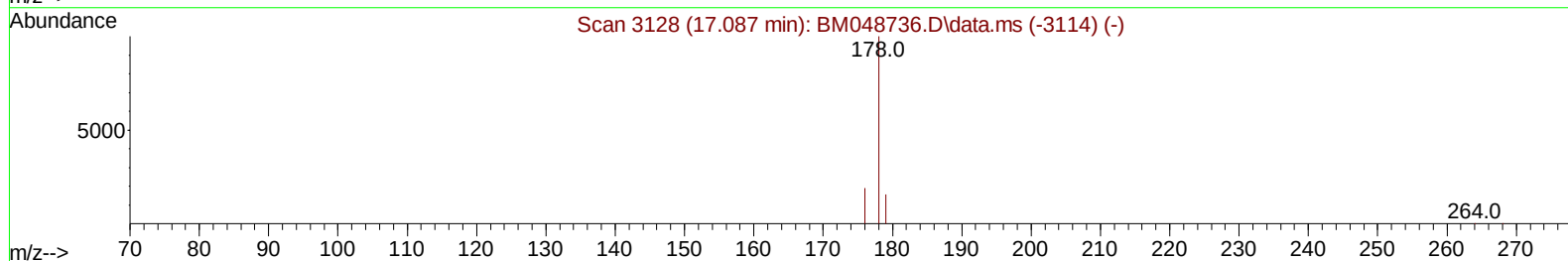
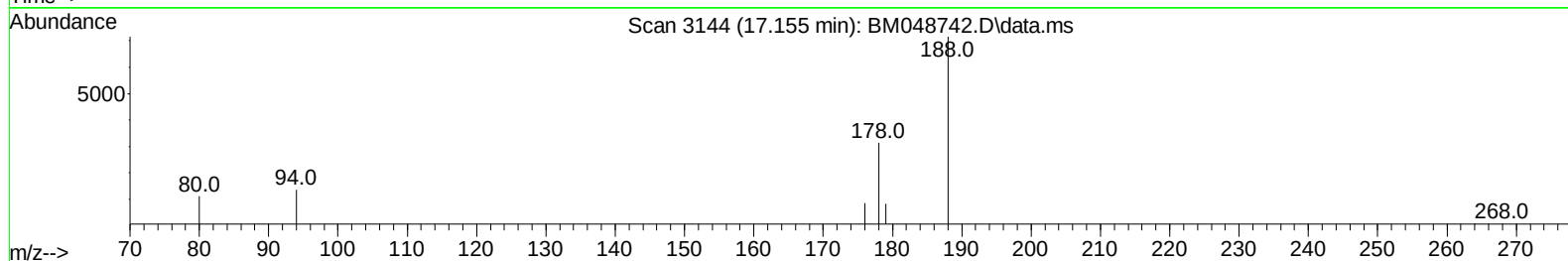
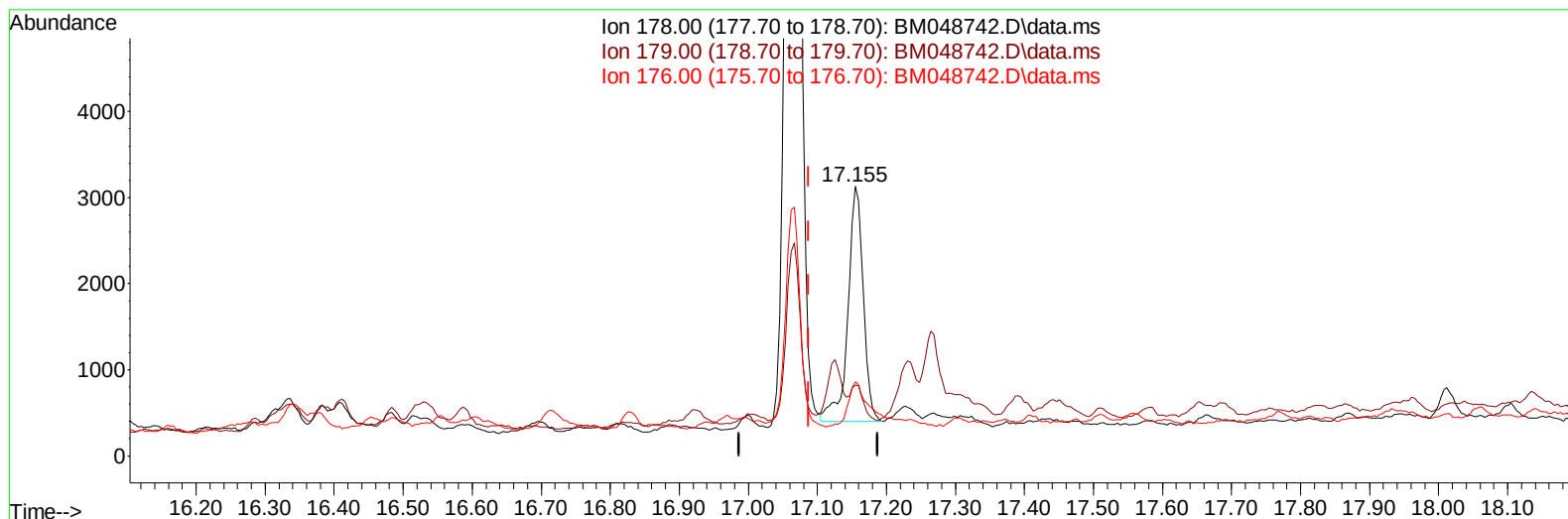
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111624\
Data File : BM048742.D
Acq On : 16 Nov 2024 15:15
Operator : RC/JU
Sample : P4803-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A0AP8

Manual IntegrationsAPPROVED

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TIC: BM048742.D\data.ms

(15) Phenanthrene

17.155min (+ 0.068) 0.13 ng/u1

response 4201

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.70	26.27#
176.00	20.20	27.55#
0.00	0.00	0.00

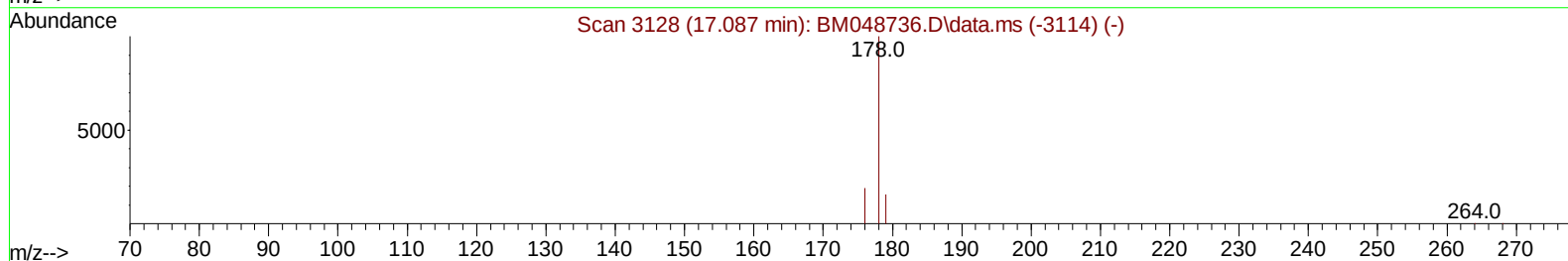
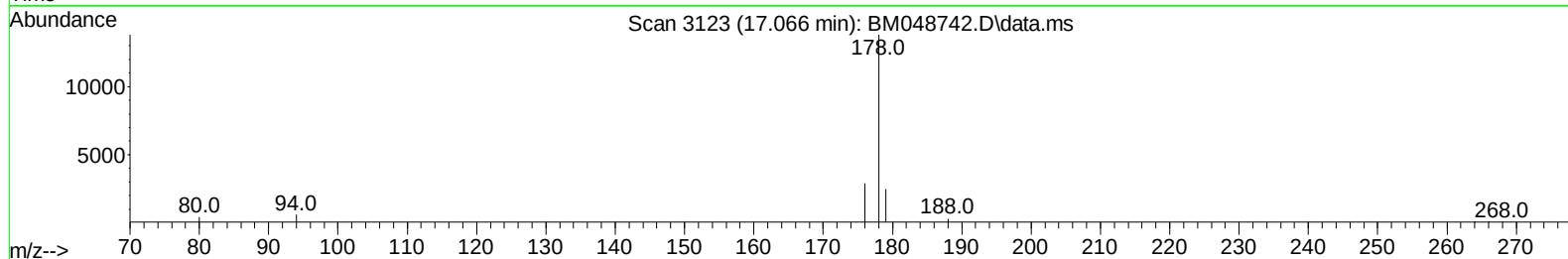
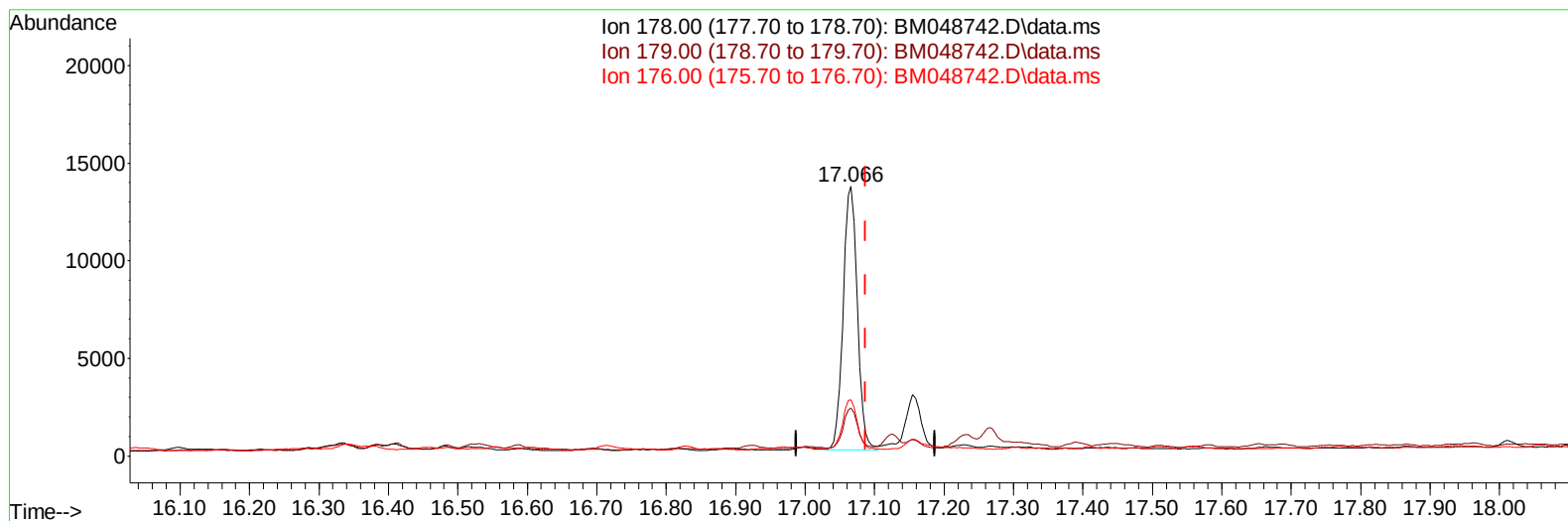
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111624\
Data File : BM048742.D
Acq On : 16 Nov 2024 15:15
Operator : RC/JU
Sample : P4803-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM048742.D\data.ms

(15) Phenanthrene

17.066min (-0.021) 0.61 ng/ul m

response 19213

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.70	17.92
176.00	20.20	20.91
0.00	0.00	0.00

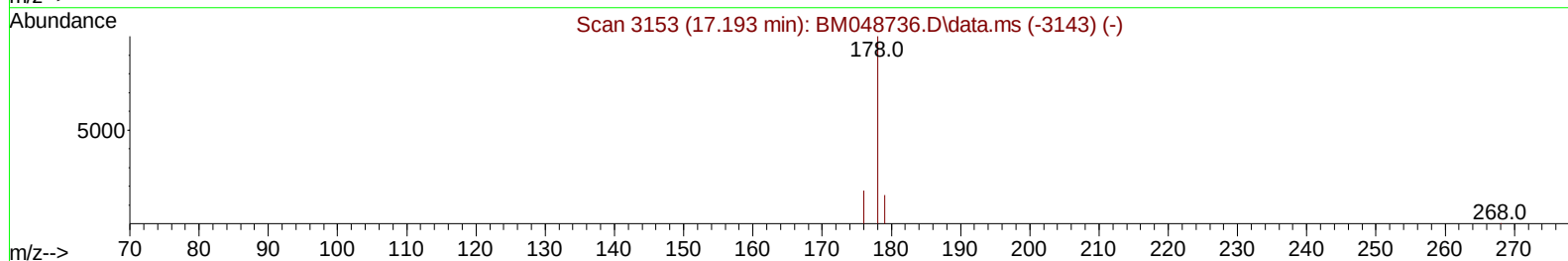
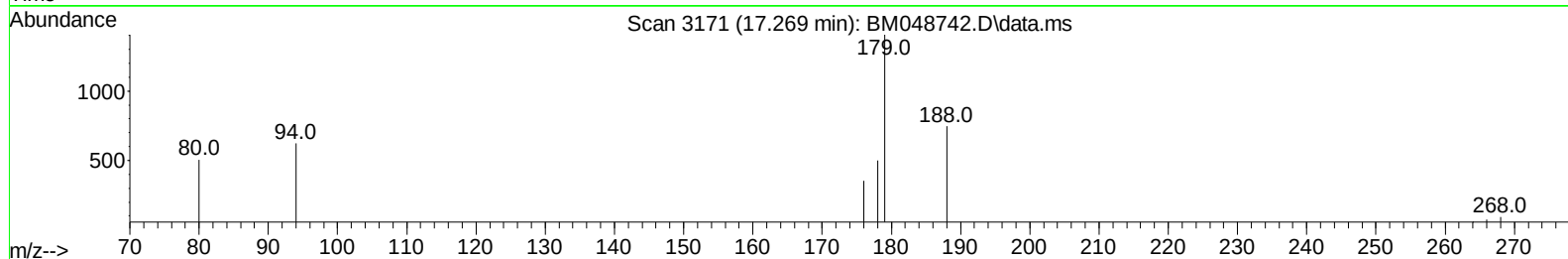
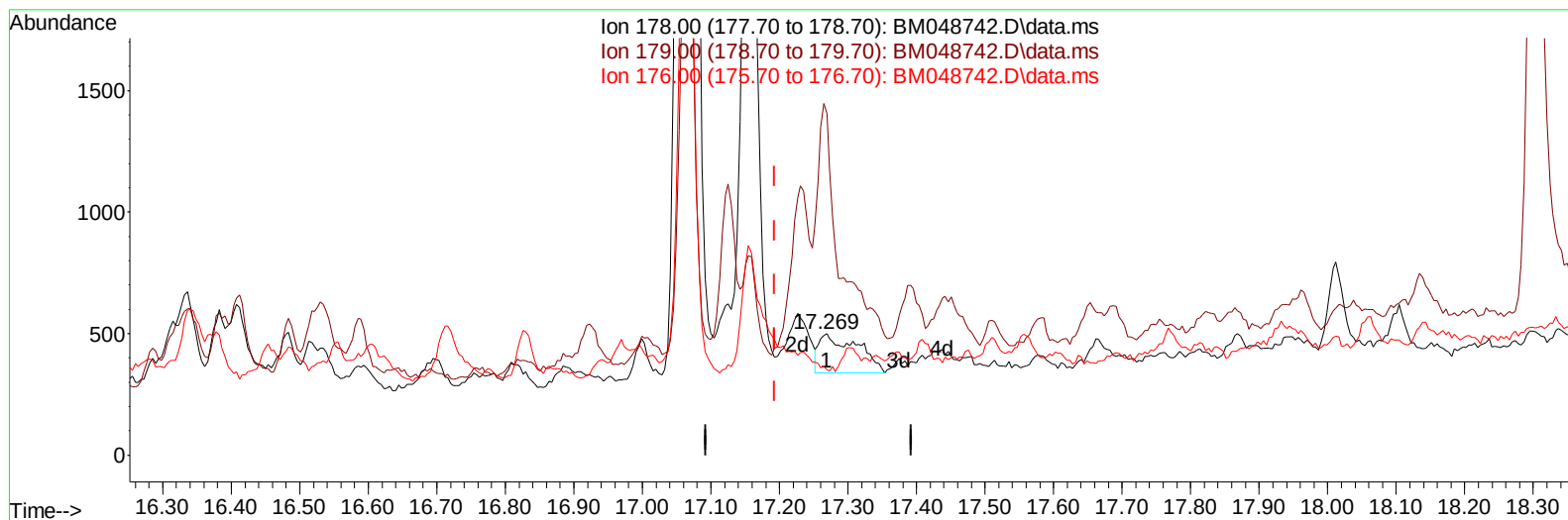
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111624\
Data File : BM048742.D
Acq On : 16 Nov 2024 15:15
Operator : RC/JU
Sample : P4803-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A0AP8

Manual IntegrationsAPPROVED

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TIC: BM048742.D\data.ms

(16) Anthracene

17.269min (+ 0.076) 0.02 ng/u1

response 618

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.10	281.20#
176.00	19.90	70.40#
0.00	0.00	0.00

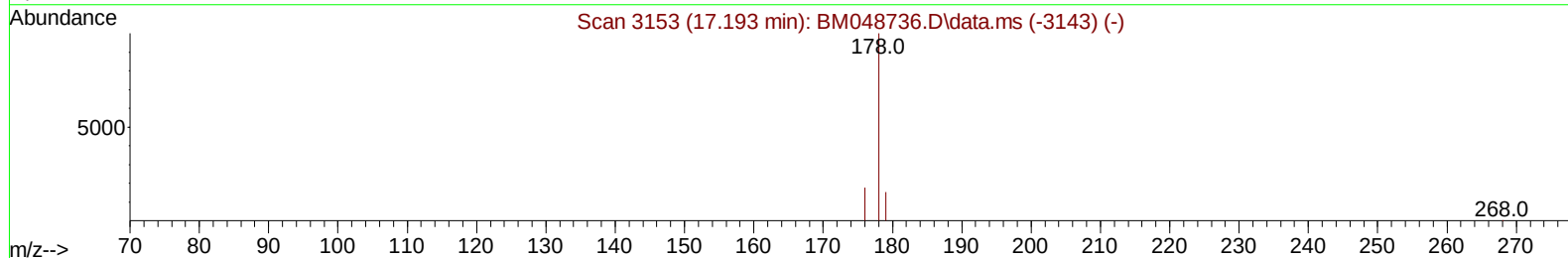
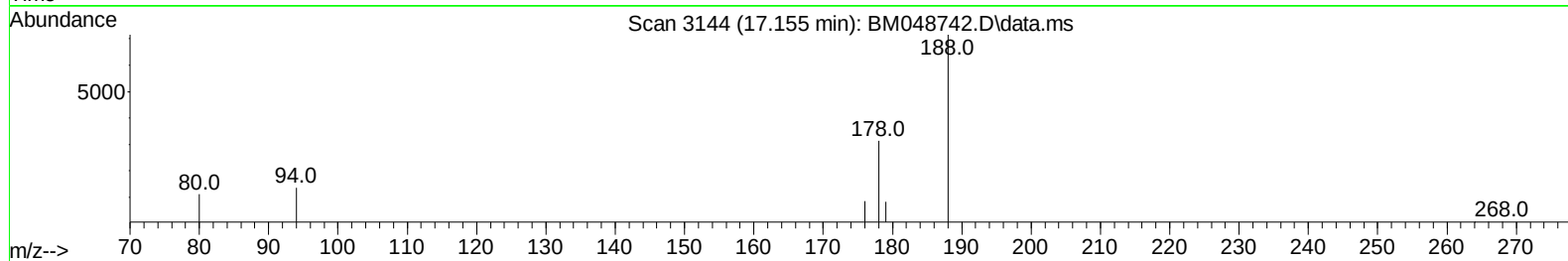
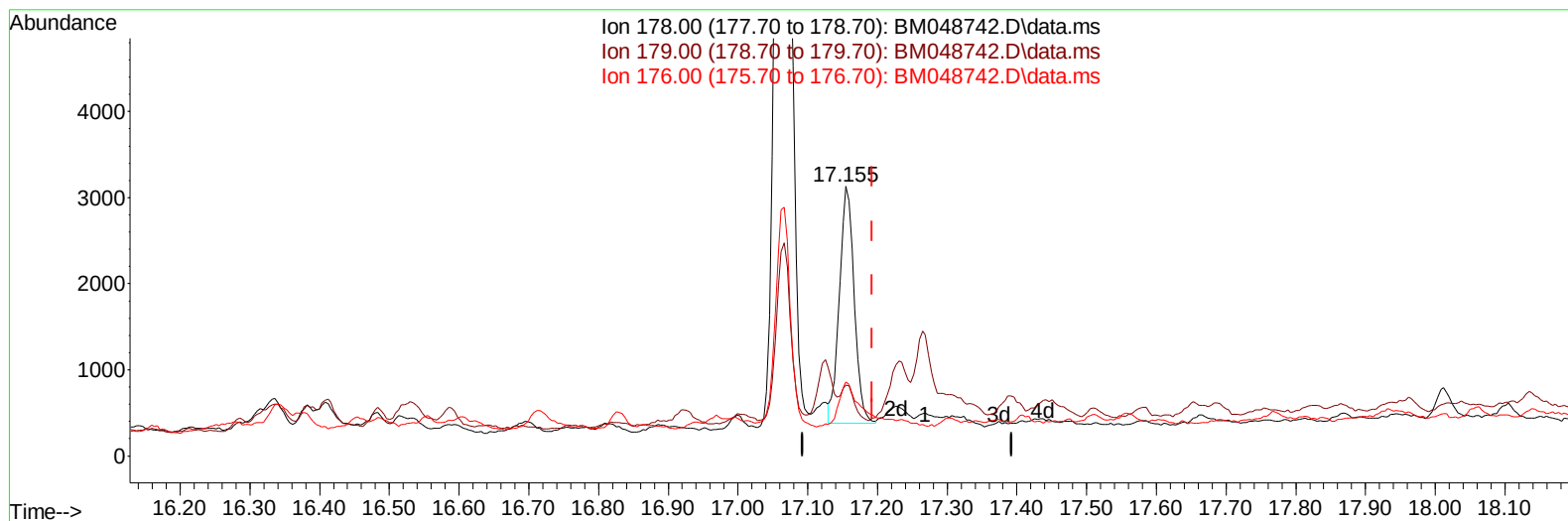
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111624\
Data File : BM048742.D
Acq On : 16 Nov 2024 15:15
Operator : RC/JU
Sample : P4803-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A0AP8

Manual IntegrationsAPPROVED

Quant Time: Nov 17 22:48:30 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: BM048742.D\data.ms

(16) Anthracene

17.155min (-0.038) 0.14 ng/ul m

response 4011

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.10	26.27#
176.00	19.90	27.55#
0.00	0.00	0.00

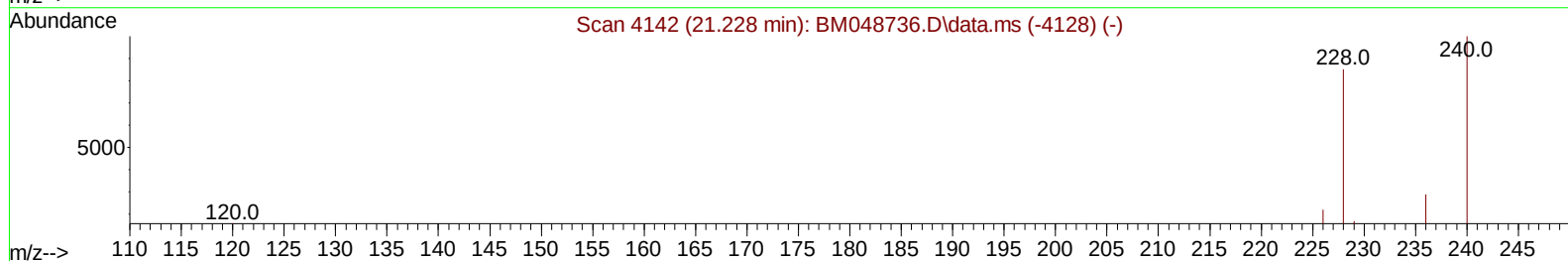
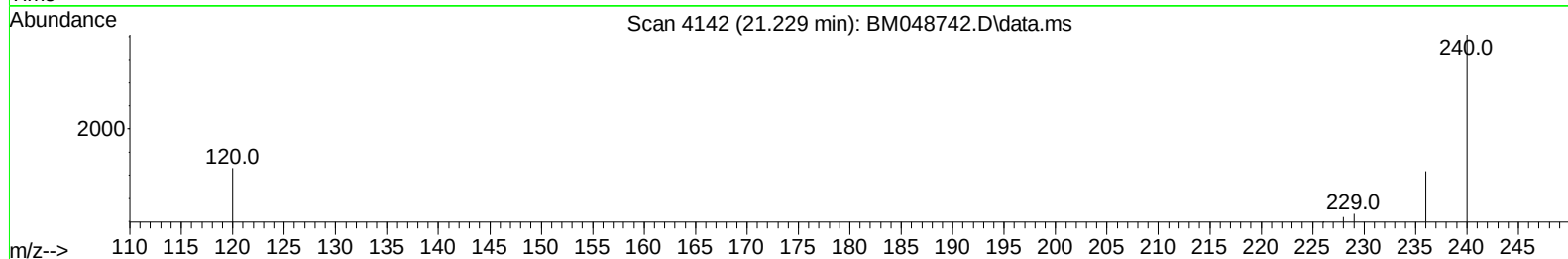
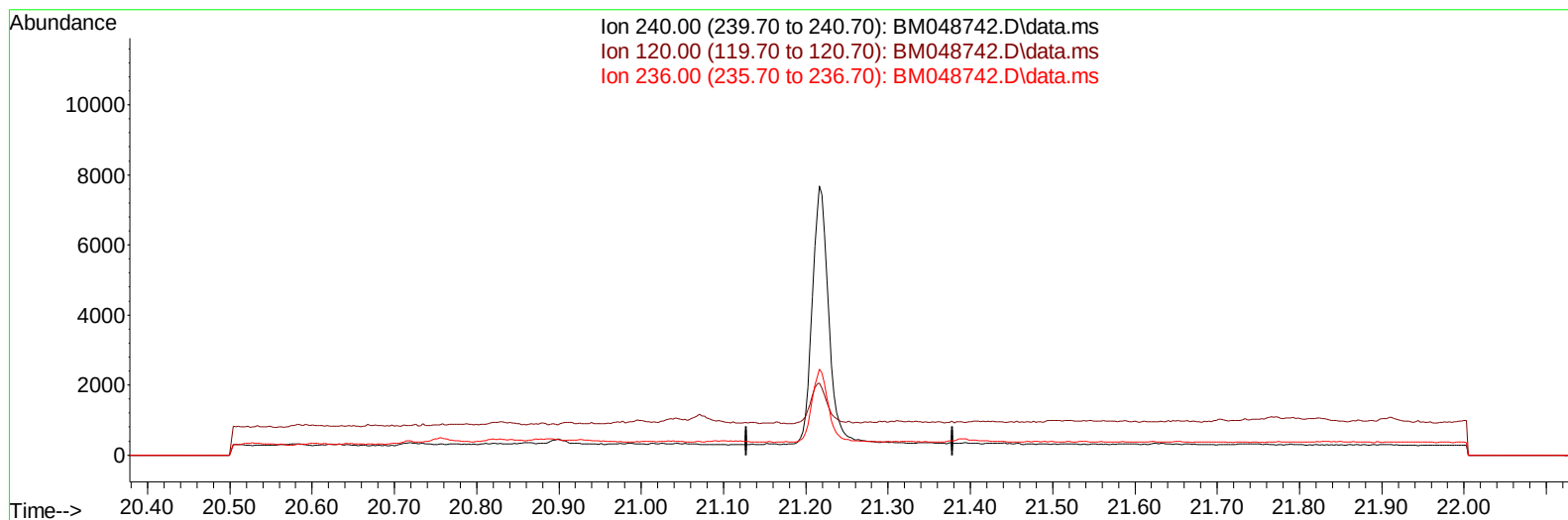
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111624\
Data File : BM048742.D
Acq On : 16 Nov 2024 15:15
Operator : RC/JU
Sample : P4803-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A0AP8

Manual IntegrationsAPPROVED

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TIC: BM048742.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

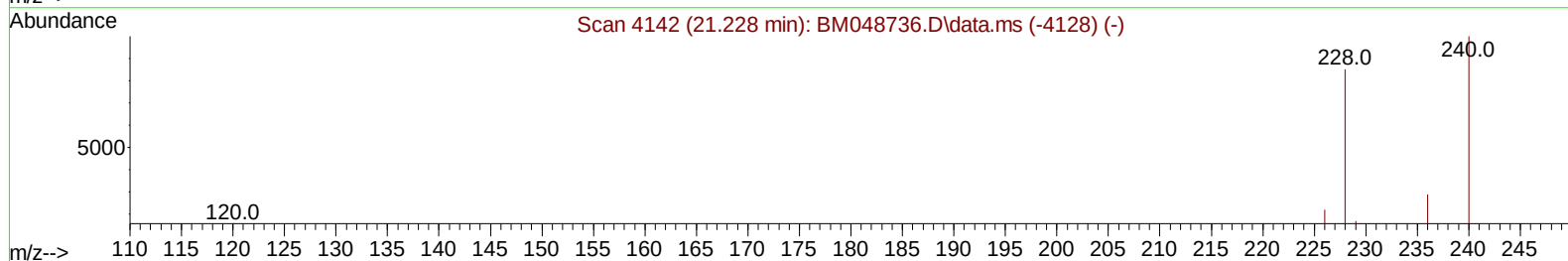
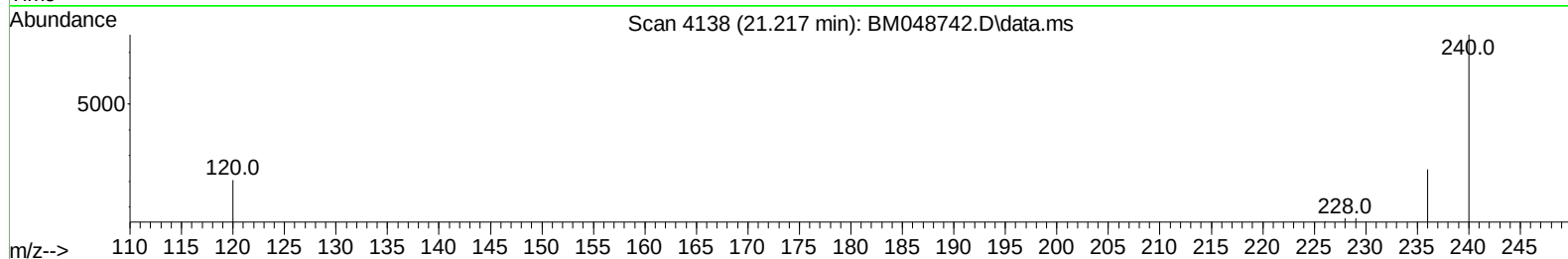
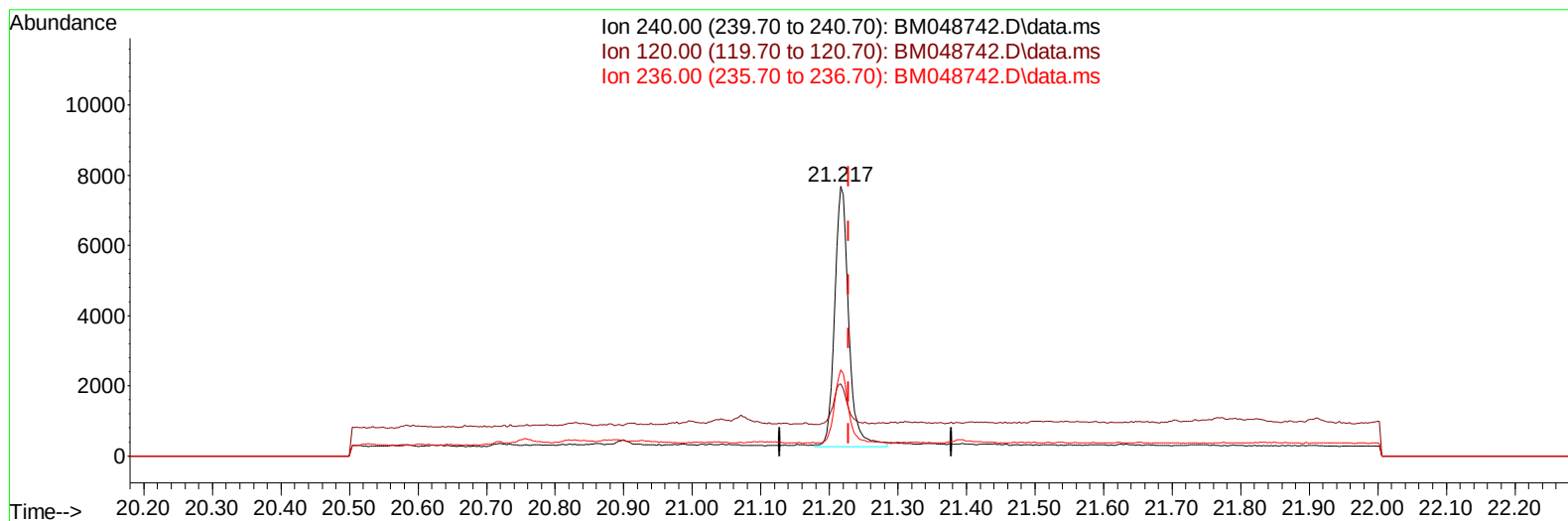
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111624\
Data File : BM048742.D
Acq On : 16 Nov 2024 15:15
Operator : RC/JU
Sample : P4803-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A0AP8

Manual IntegrationsAPPROVED

Quant Time: Nov 17 22:48:30 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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Reviewed By :Yogesh Patel 11/19/2024
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TIC: BM048742.D\data.ms

(17) Chrysene-d12

21.217min (-0.012) 0.40 ng/ul m

response 10601

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	20.50	26.69#
236.00	29.90	31.93
0.00	0.00	0.00

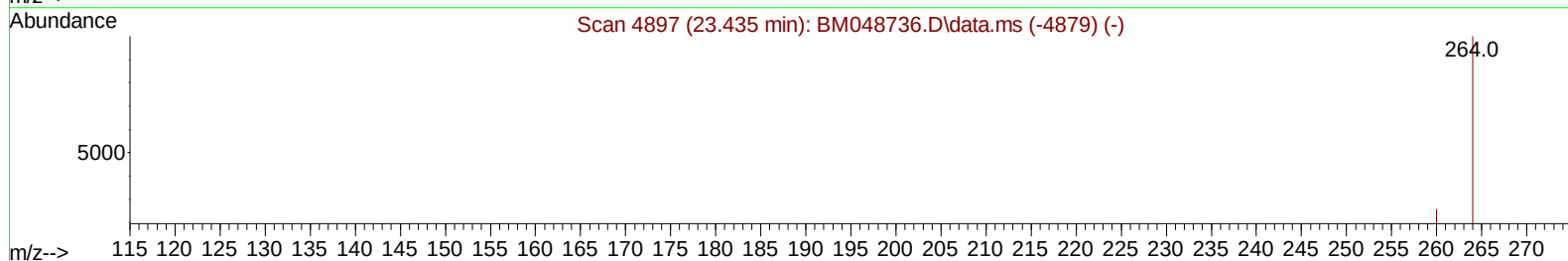
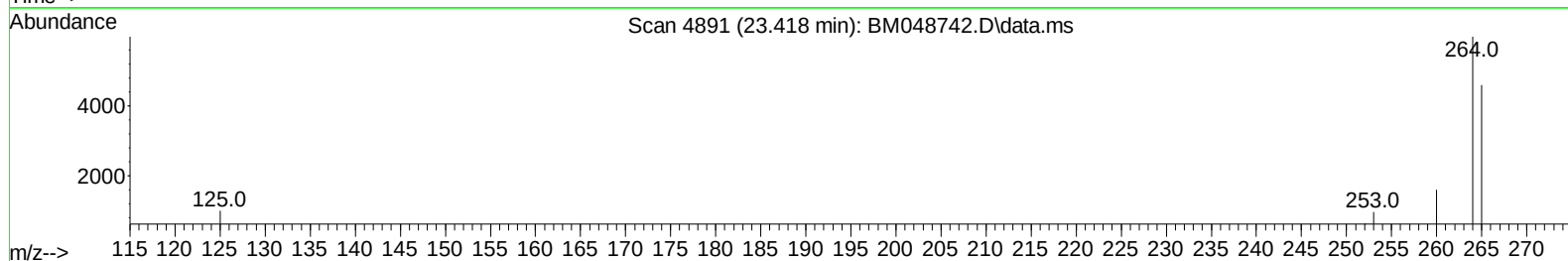
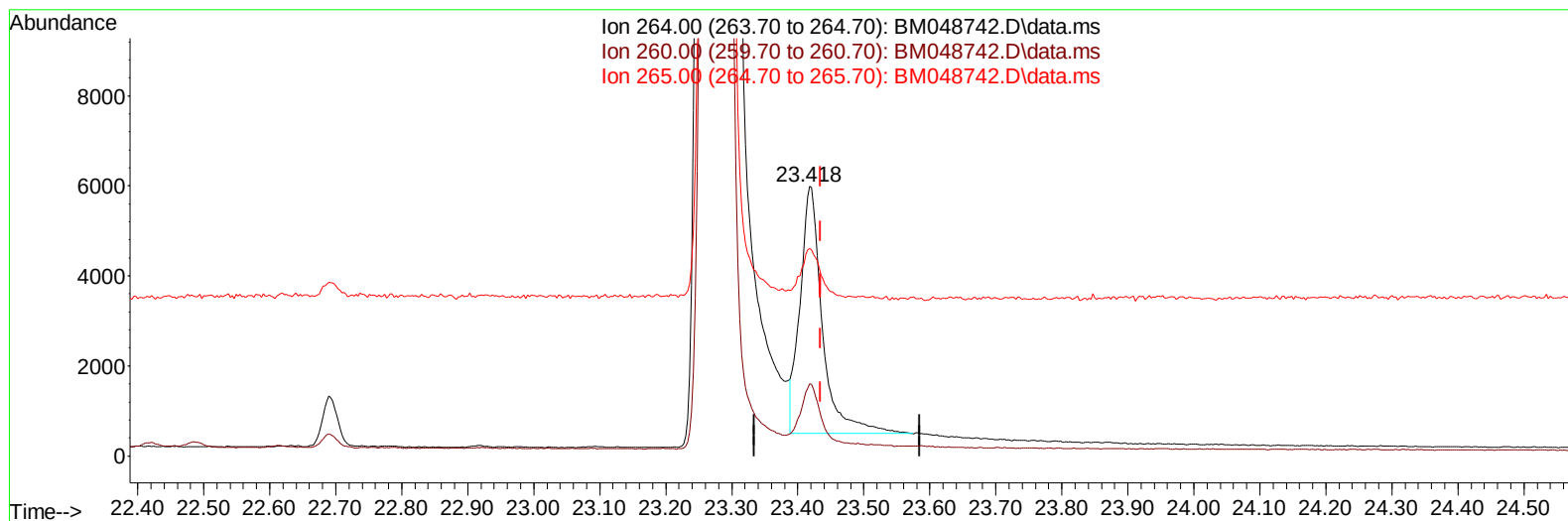
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111624\
Data File : BM048742.D
Acq On : 16 Nov 2024 15:15
Operator : RC/JU
Sample : P4803-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A0AP8

Manual IntegrationsAPPROVED

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TIC: BM048742.D\data.ms

(23) Perylene-d12 (I)

23.418min (-0.017) 0.40 ng/u1

response 12944

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.30	26.66
265.00	119.80	77.00#
0.00	0.00	0.00

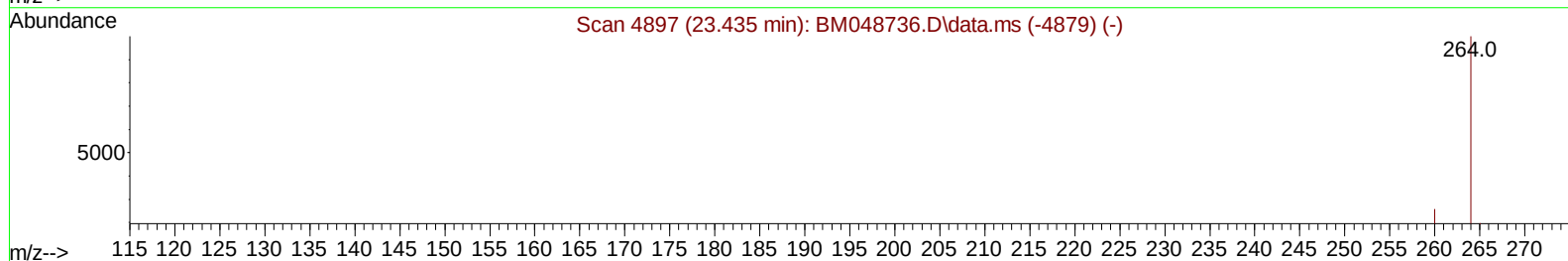
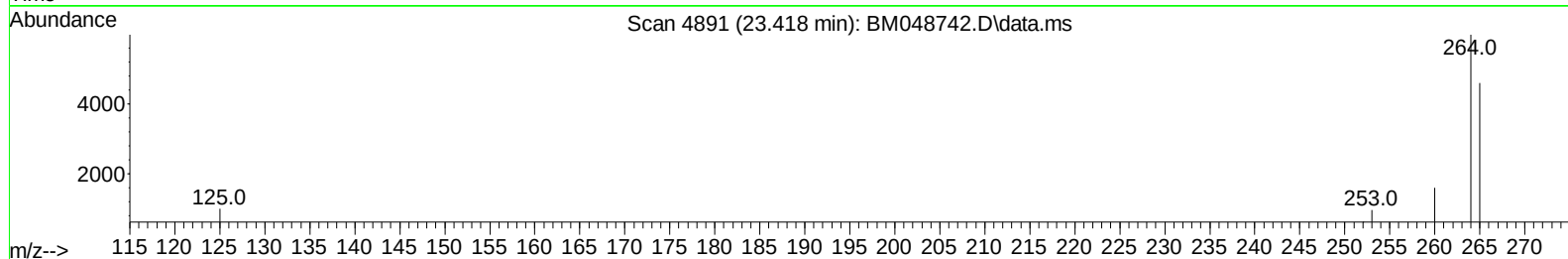
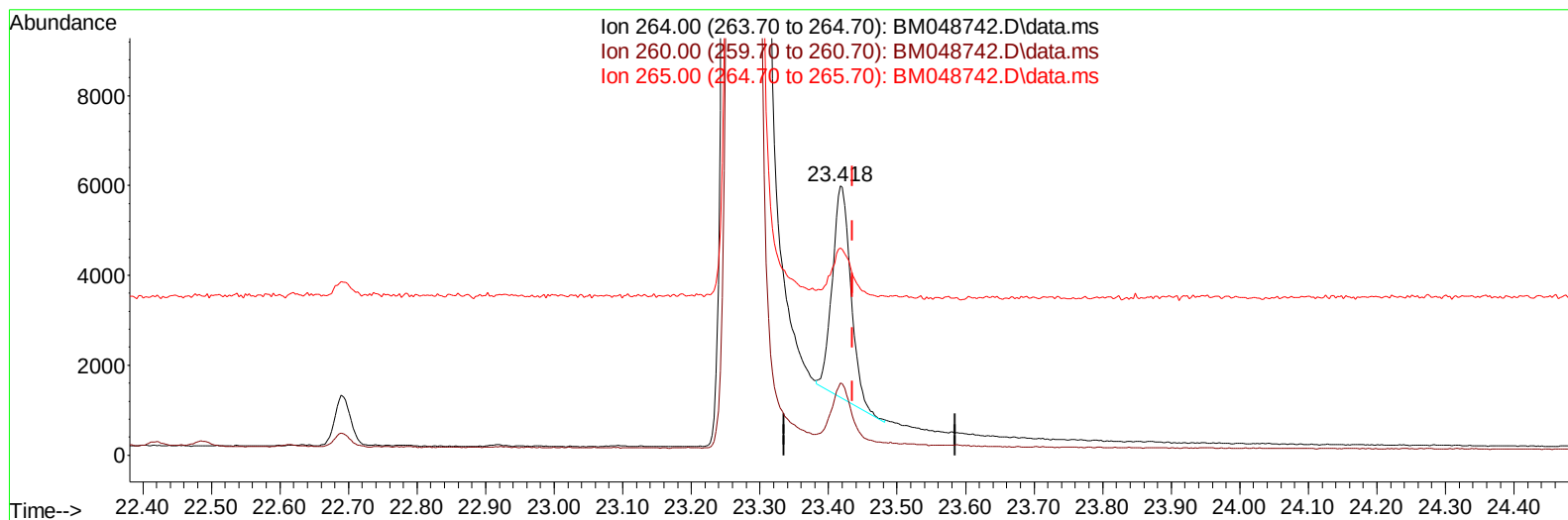
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111624\
Data File : BM048742.D
Acq On : 16 Nov 2024 15:15
Operator : RC/JU
Sample : P4803-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A0AP8

Manual IntegrationsAPPROVED

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TIC: BM048742.D\data.ms

(23) Perylene-d12 (I)

23.418min (-0.017) 0.40 ng/ul m

response 8811

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.30	26.66
265.00	119.80	77.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111624\
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 Operator : RC/JU
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Instrument :
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 A0AP8

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		3356	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.410	136		10142	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.276	164		5869	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.024	188		11906m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.217	240		10601m	0.400	ng/ul	-0.01
23) Perylene-d12	23.418	264		8811m	0.400	ng/ul	-0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.089	96		19583	4.837	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.010	152		4251	0.324	ng/ul	-0.04
18) Fluoranthene-d10	19.059	212		10795	0.363	ng/ul	-0.01
Target Compounds							
						Qvalue	
5) Naphthalene	10.459	128		3926	0.155	ng/ul#	82
7) 2-Methylnaphthalene	12.087	142		763	0.048	ng/ul	92
8) 1-Methylnaphthalene	12.301	142		35091	2.143	ng/ul	99
10) Acenaphthylene	13.994	152		1325	0.059	ng/ul#	35
11) Acenaphthene	14.341	153		14355	0.805	ng/ul	98
12) Fluorene	15.331	166		11246	0.581	ng/ul	99
15) Phenanthrene	17.066	178		19213m	0.614	ng/ul	
16) Anthracene	17.155	178		4011m	0.138	ng/ul	
19) Fluoranthene	19.087	202		3239	0.083	ng/ul#	71
20) Pyrene	19.449	202		2775	0.065	ng/ul#	73
22) Chrysene	21.255	228		1311	0.031	ng/ul#	47

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

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