

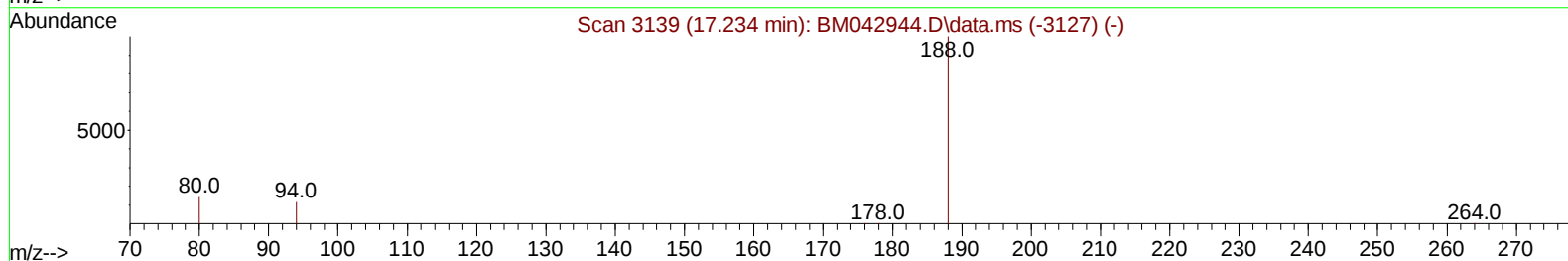
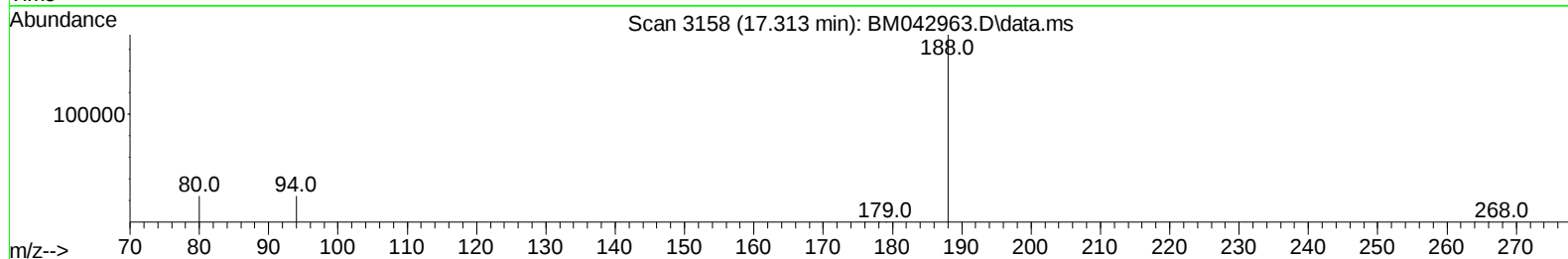
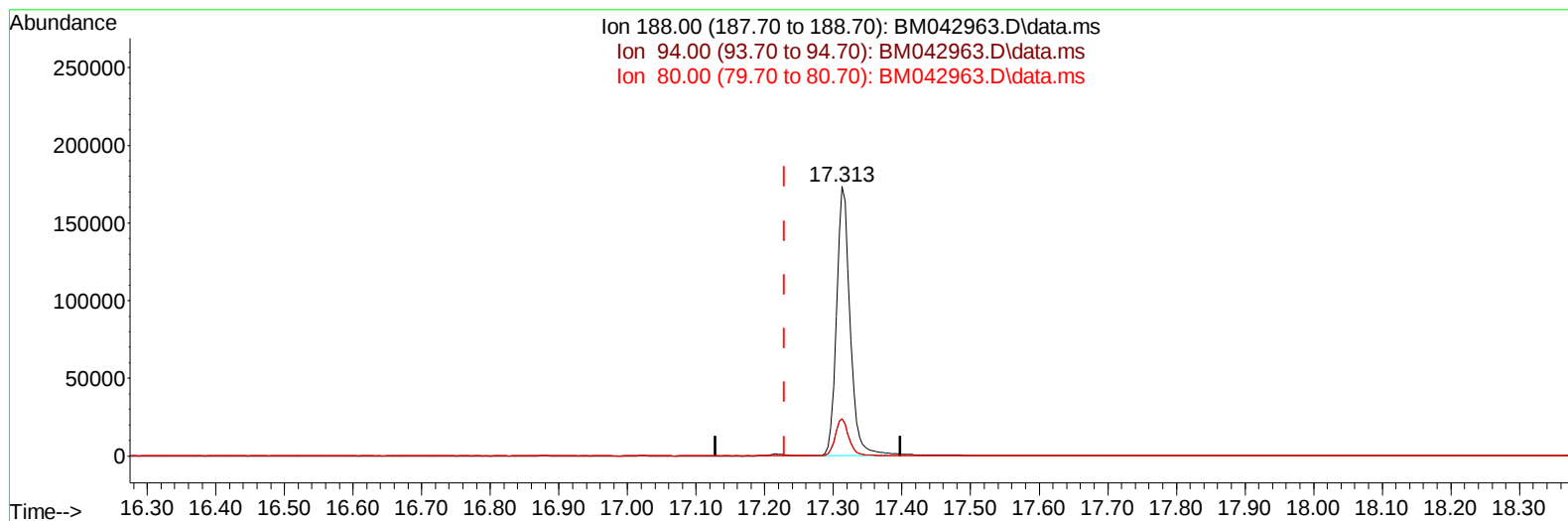
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112223\
 Data File : BM042963.D
 Acq On : 22 Nov 2023 21:45
 Operator : MA/JU
 Sample : 05268-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKD0

Manual IntegrationsAPPROVED

Quant Time: Nov 23 00:12:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 22 10:35:26 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/25/2023
 Supervised By :mohammad ahmed 11/25/2023



TIC: BM042963.D\data.ms

(13) Phenanthrene-d10 (I)

17.313min (+ 0.084) 0.40 ng/u1

response 238607

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	15.90	13.82
80.00	19.60	13.86#
0.00	0.00	0.00

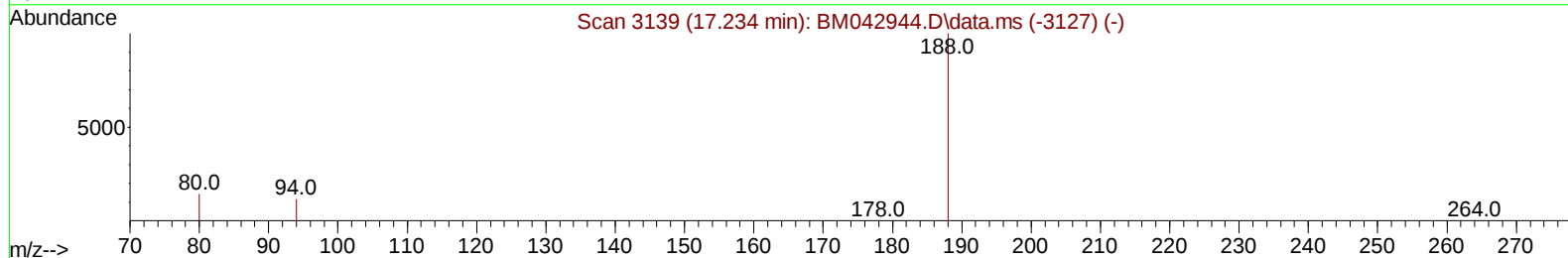
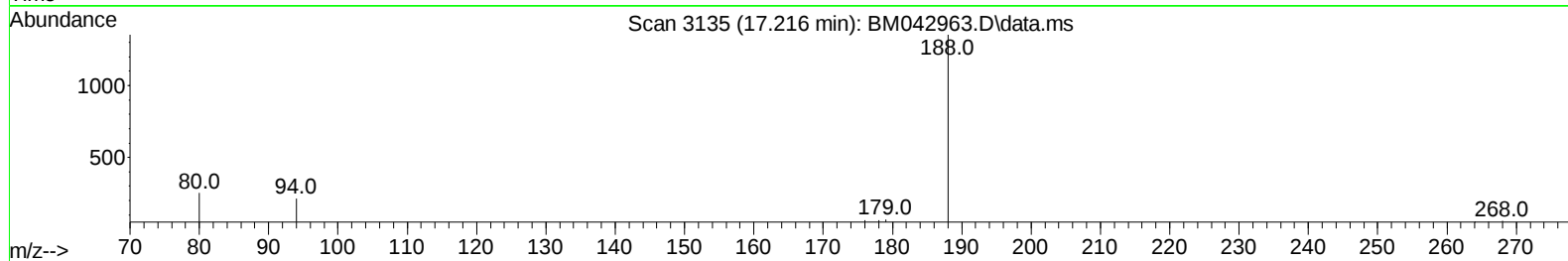
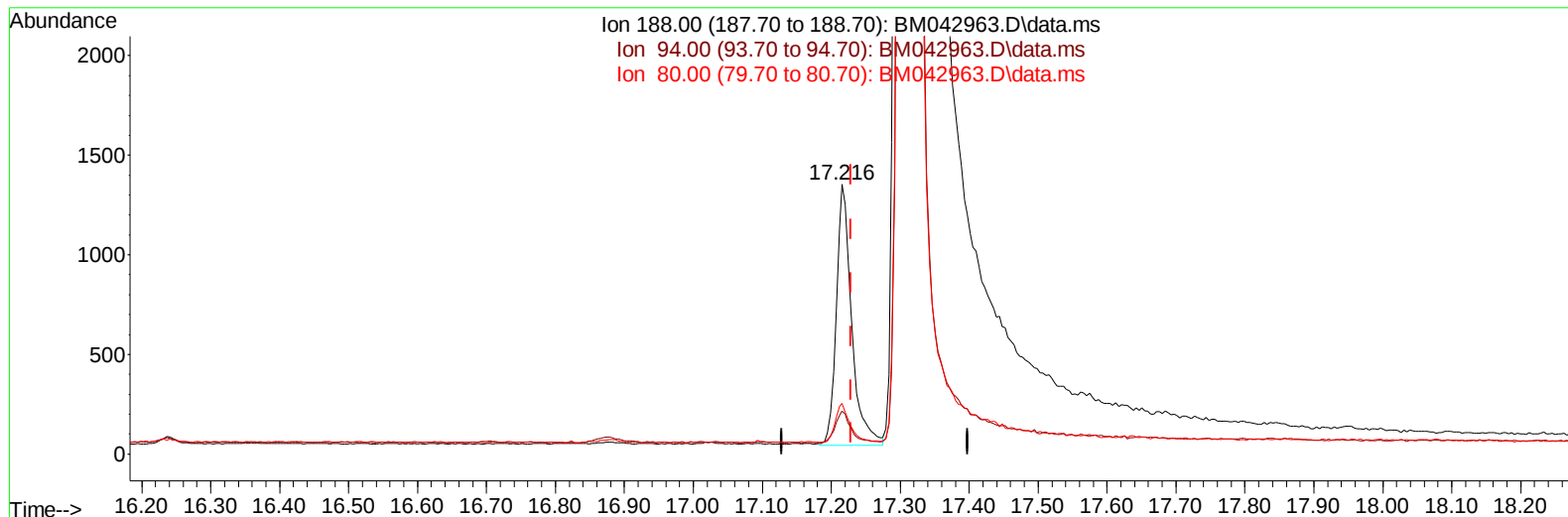
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112223\
Data File : BM042963.D
Acq On : 22 Nov 2023 21:45
Operator : MA/JU
Sample : 05268-08
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BM042963.D\data.ms

(13) Phenanthrene-d10 (I)

17.216min (-0.013) 0.40 ng/u1 m

response 2022

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	15.90	15.89
80.00	19.60	18.70
0.00	0.00	0.00

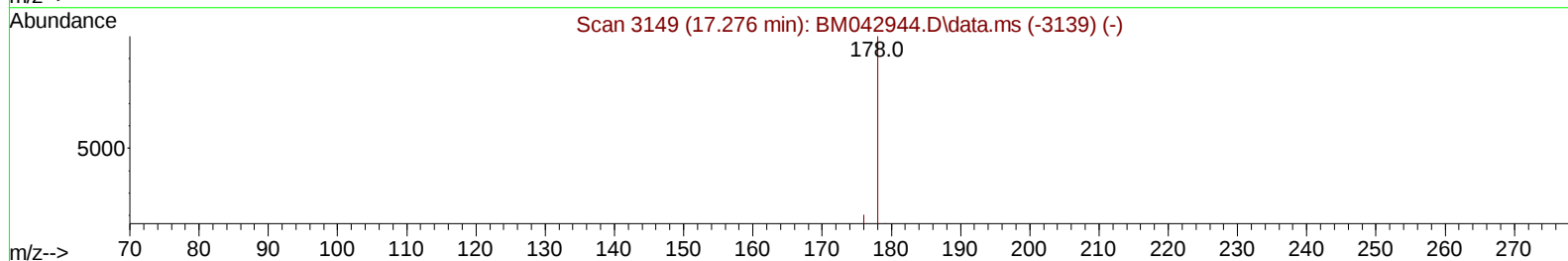
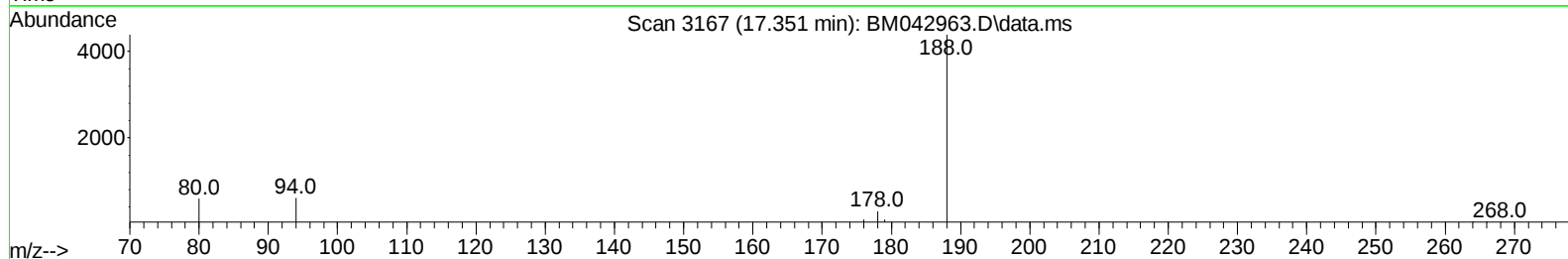
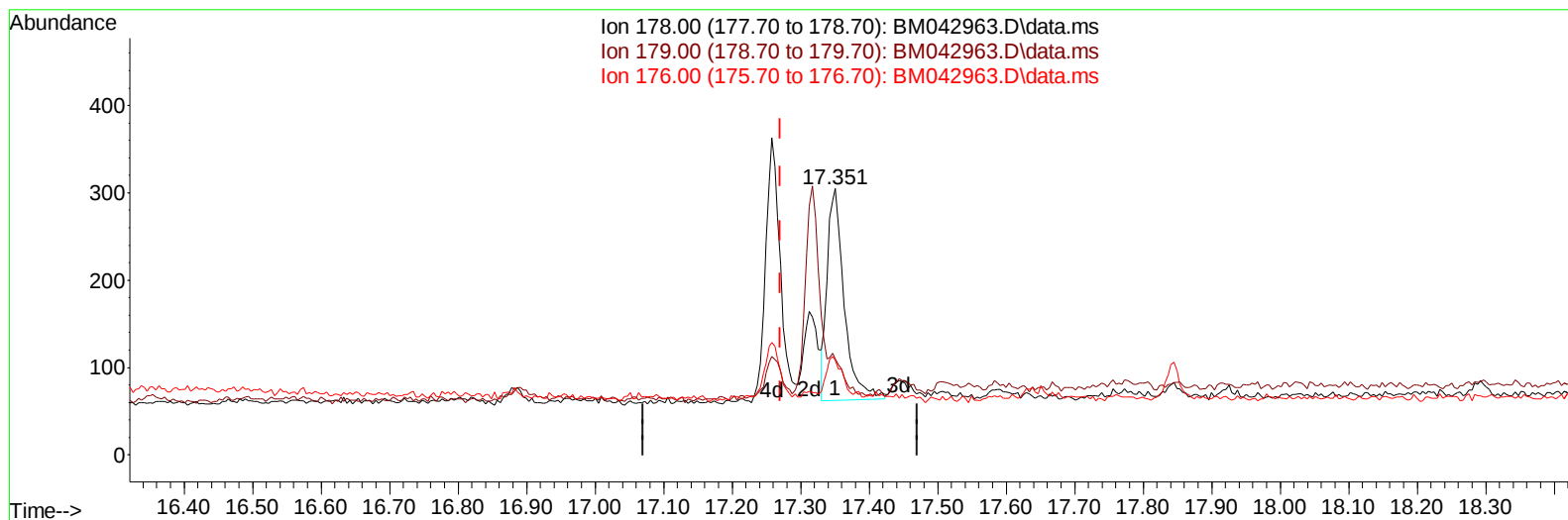
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112223\
 Data File : BM042963.D
 Acq On : 22 Nov 2023 21:45
 Operator : MA/JU
 Sample : 05268-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKD0

Manual IntegrationsAPPROVED

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TIC: BM042963.D\data.ms

(15) Phenanthrene

17.351min (+ 0.080) 0.06 ng/u1

response 418

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	36.07#
176.00	23.20	35.41#
0.00	0.00	0.00

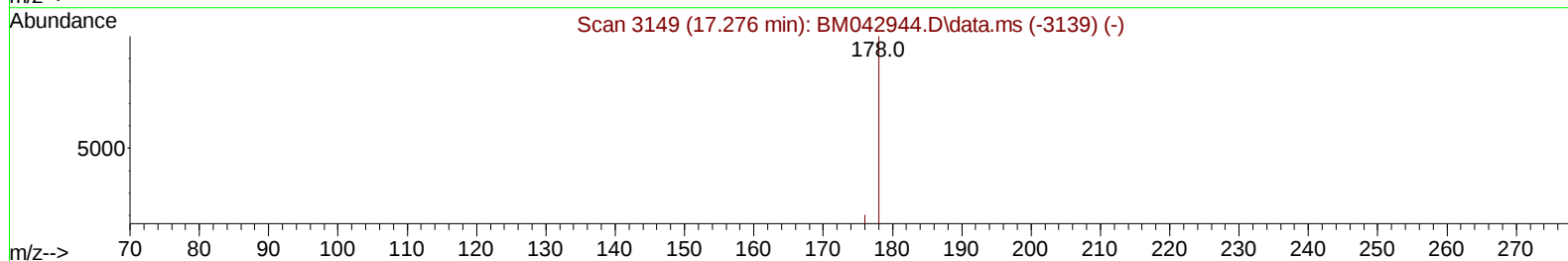
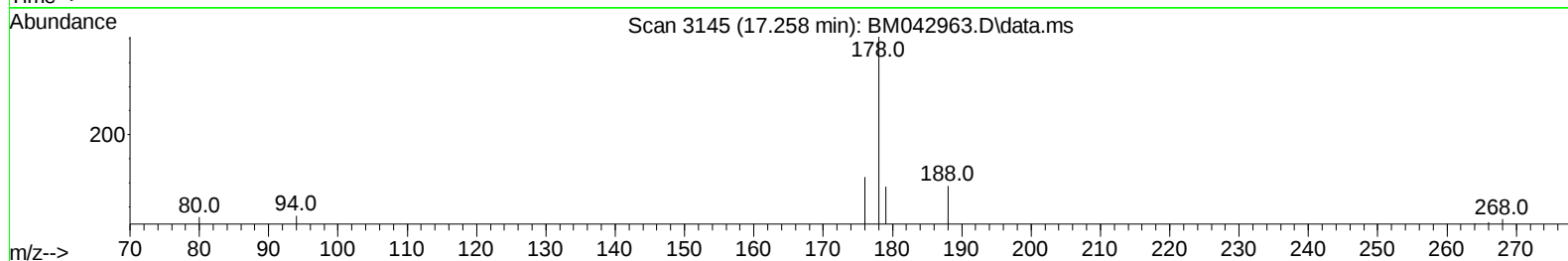
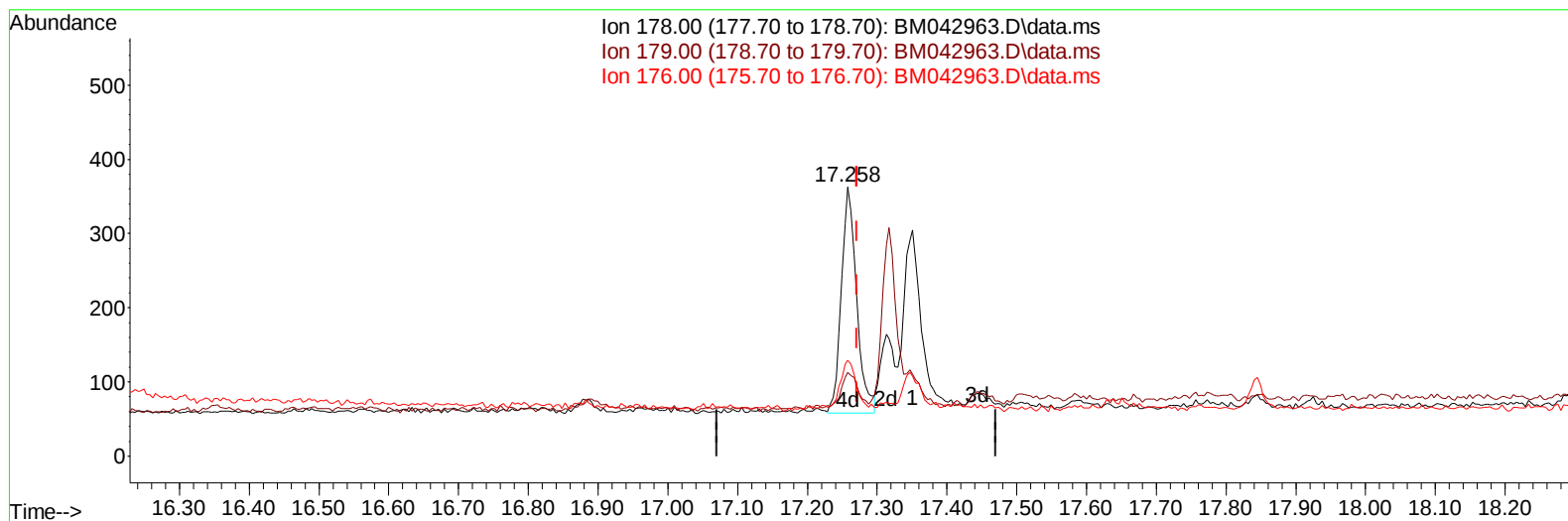
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112223\
 Data File : BM042963.D
 Acq On : 22 Nov 2023 21:45
 Operator : MA/JU
 Sample : 05268-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKD0

Manual IntegrationsAPPROVED

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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 22 10:35:26 2023
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 Supervised By :mohammad ahmed 11/25/2023



TIC: BM042963.D\data.ms

(15) Phenanthrene

17.258min (-0.013) 0.07 ng/ul m

response 464

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	31.13#
176.00	23.20	35.54#
0.00	0.00	0.00

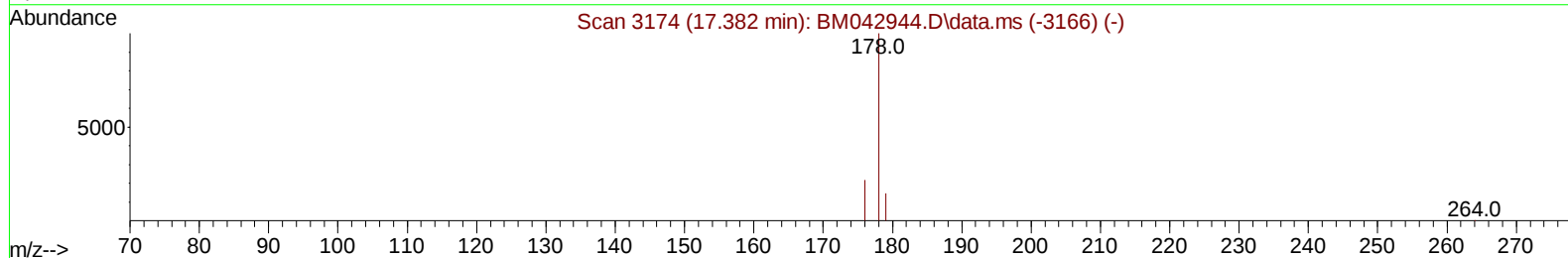
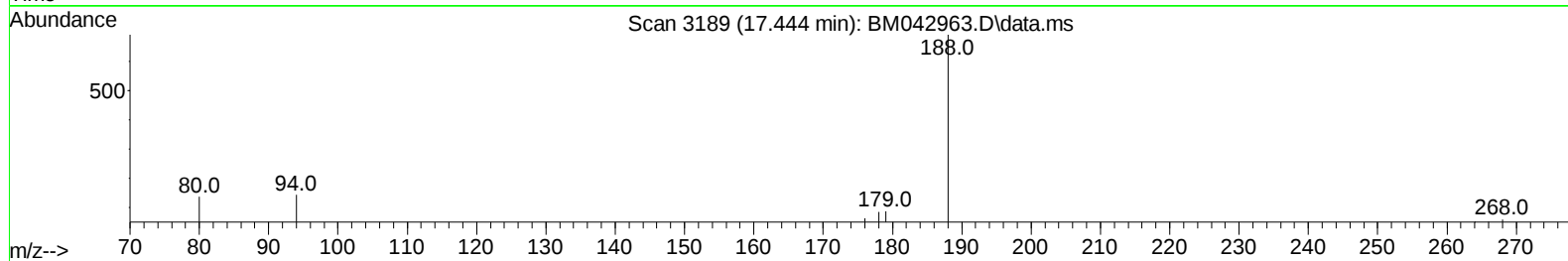
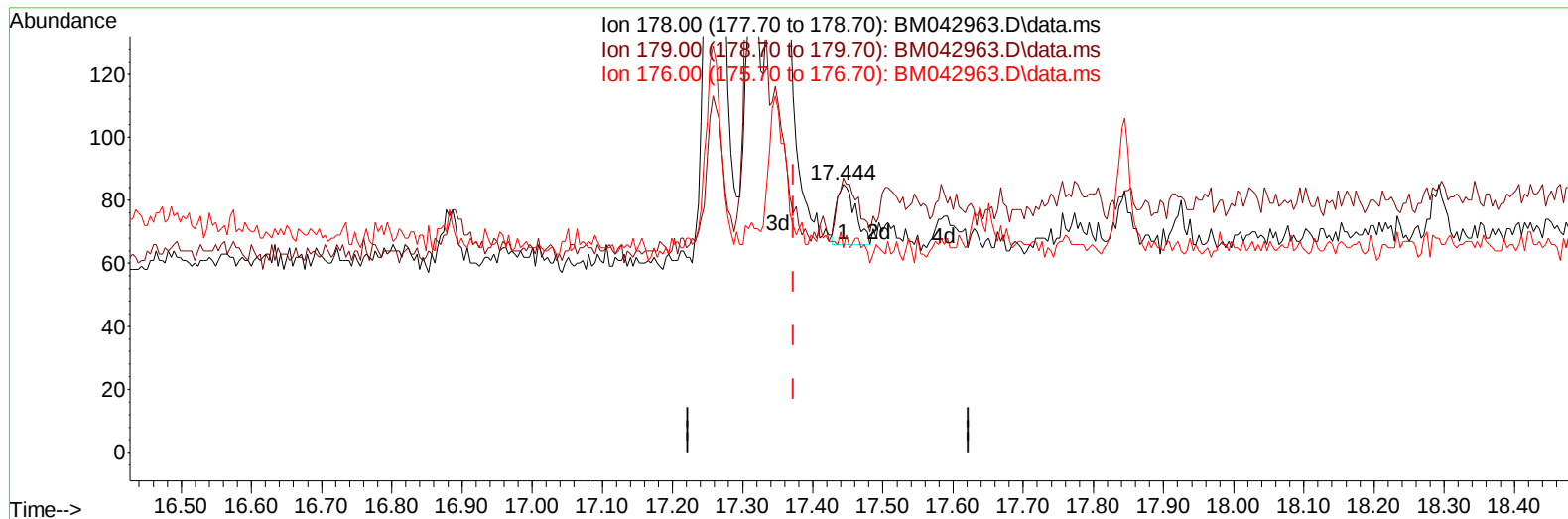
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112223\
 Data File : BM042963.D
 Acq On : 22 Nov 2023 21:45
 Operator : MA/JU
 Sample : 05268-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKD0

Manual IntegrationsAPPROVED

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TIC: BM042963.D\data.ms

(16) Anthracene

17.444min (+ 0.072) 0.00 ng/u1

response 35

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	20.70	102.35#
176.00	25.40	76.47#
0.00	0.00	0.00

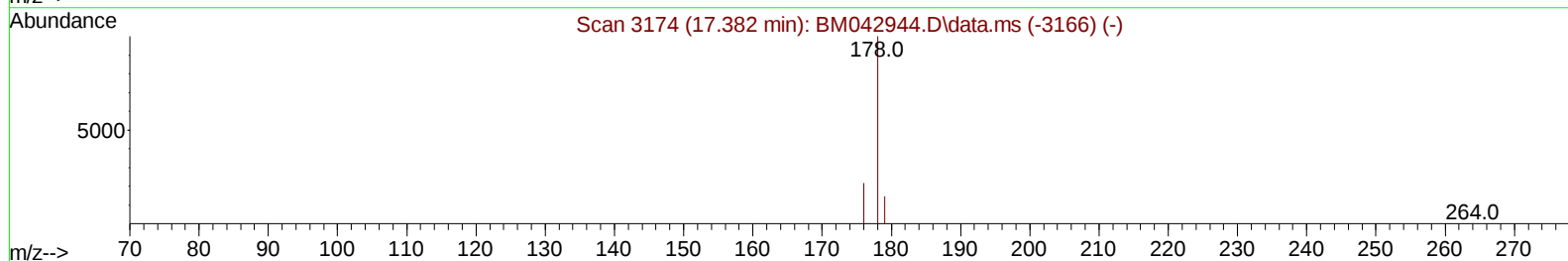
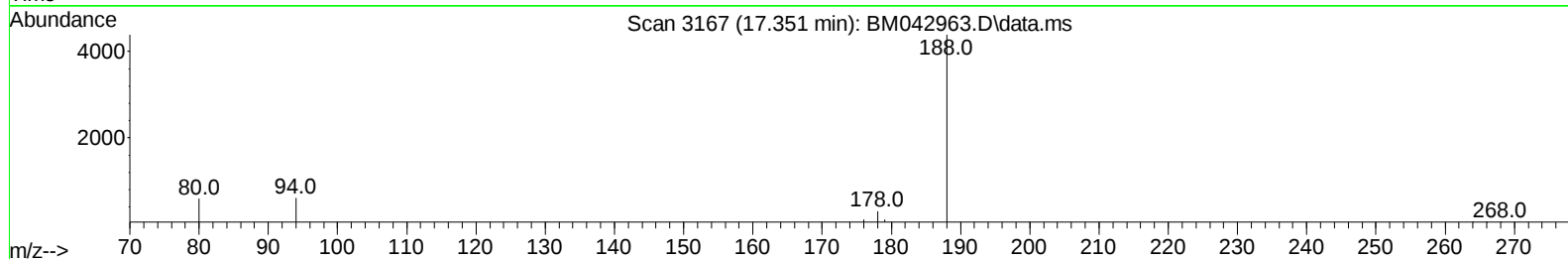
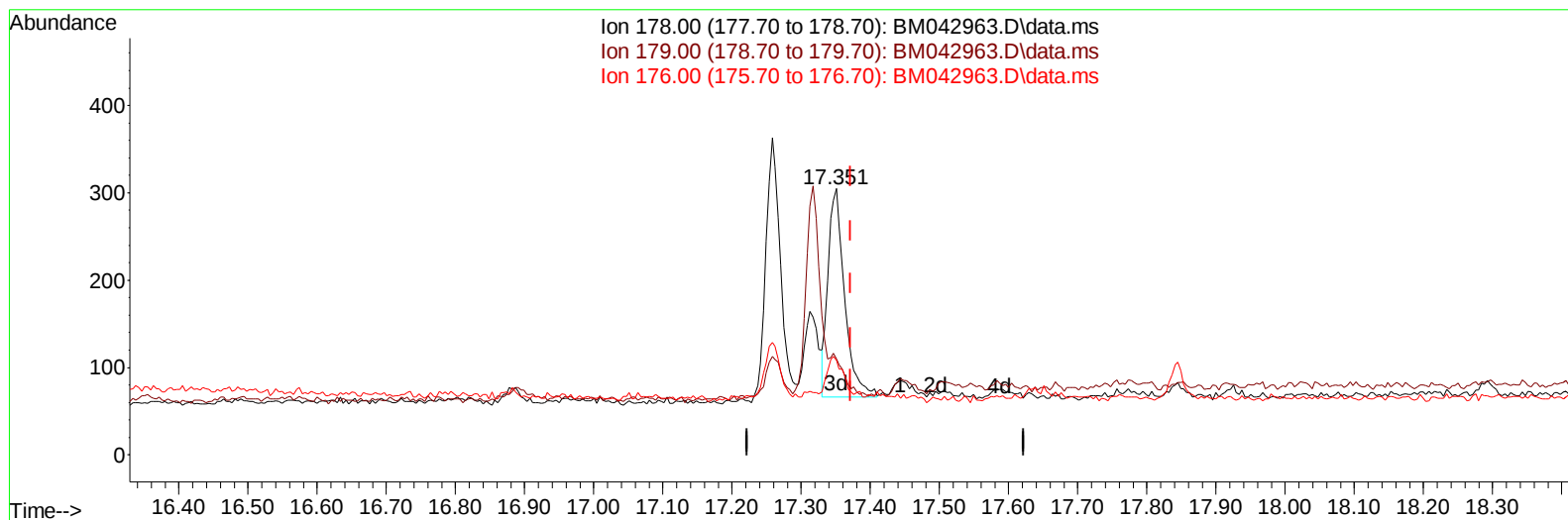
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112223\
 Data File : BM042963.D
 Acq On : 22 Nov 2023 21:45
 Operator : MA/JU
 Sample : 05268-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKD0

Manual IntegrationsAPPROVED

Quant Time: Nov 23 00:12:33 2023
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Reviewed By :Yogesh Patel 11/25/2023
 Supervised By :mohammad ahmed 11/25/2023



TIC: BM042963.D\data.ms

(16) Anthracene

17.351min (-0.021) 0.05 ng/ul m

response 399

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	20.70	36.07#
176.00	25.40	35.41#
0.00	0.00	0.00

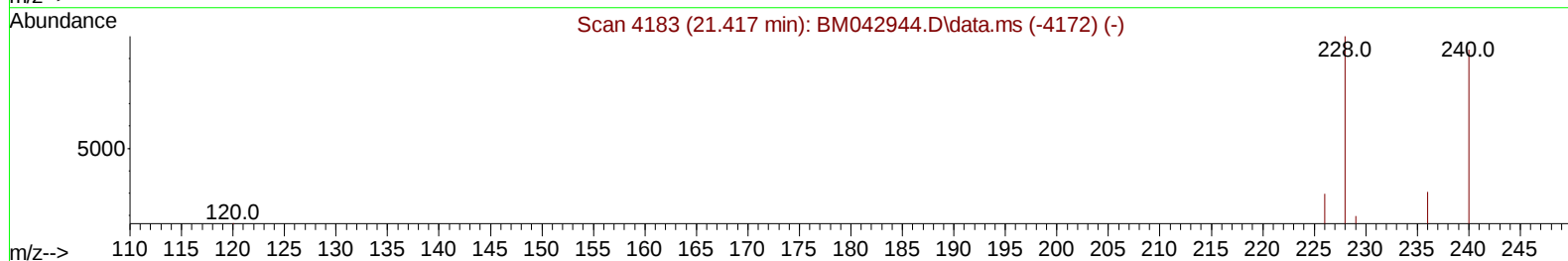
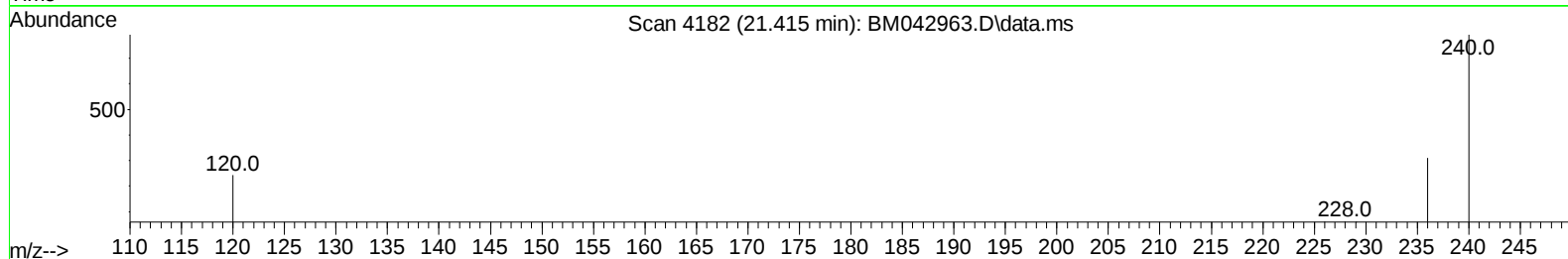
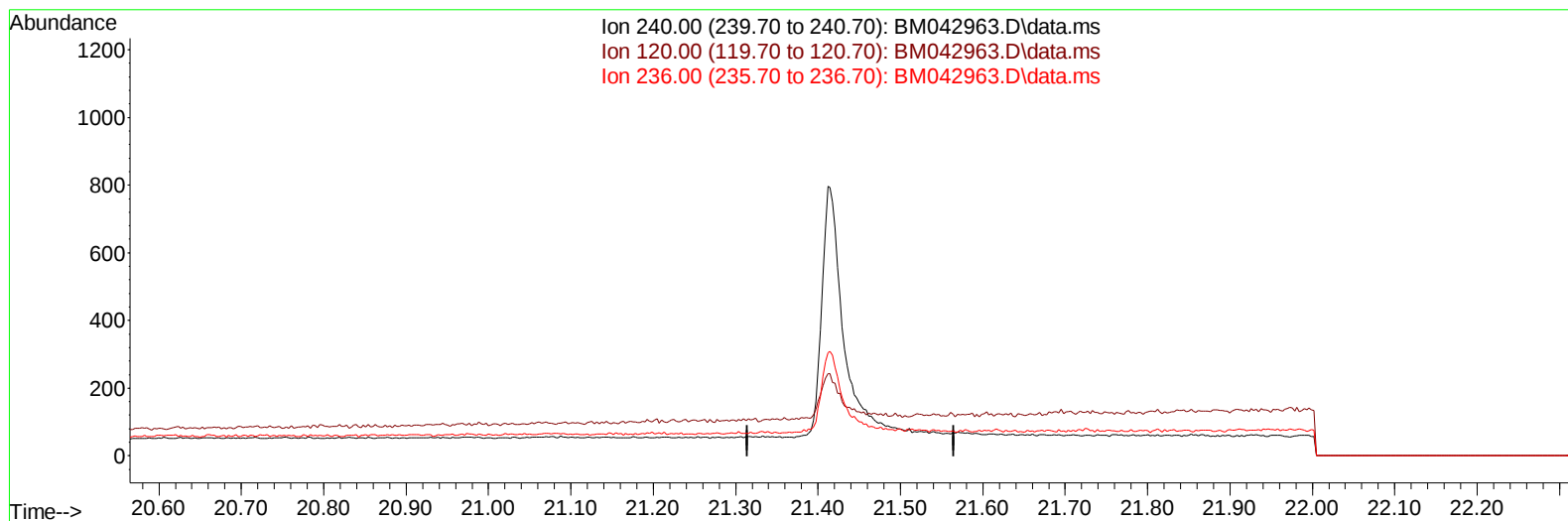
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112223\
Data File : BM042963.D
Acq On : 22 Nov 2023 21:45
Operator : MA/JU
Sample : 05268-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKD0

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TIC: BM042963.D\data.ms

(17) Chrysene-d12

21.415min (-21.415) 0.00 ng/u1

response 0

Ion	Exp%	Act%
240.00	100.00	0.00
120.00	35.50	0.00#
236.00	39.00	0.00#
0.00	0.00	0.00

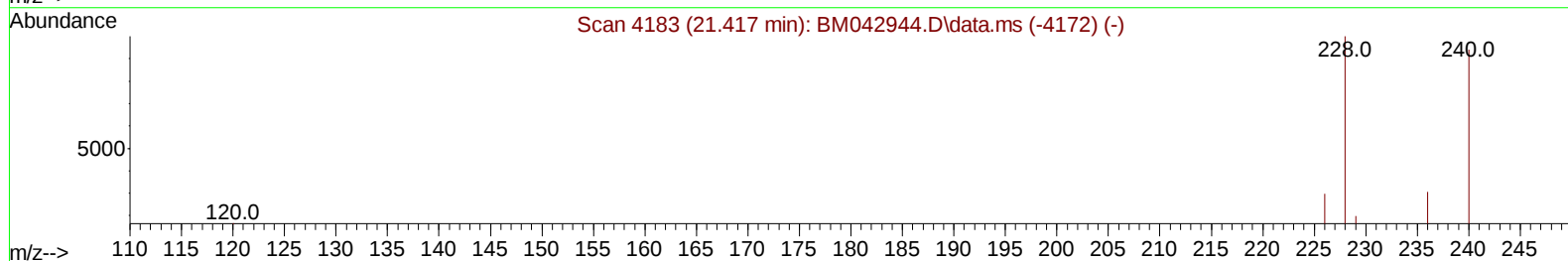
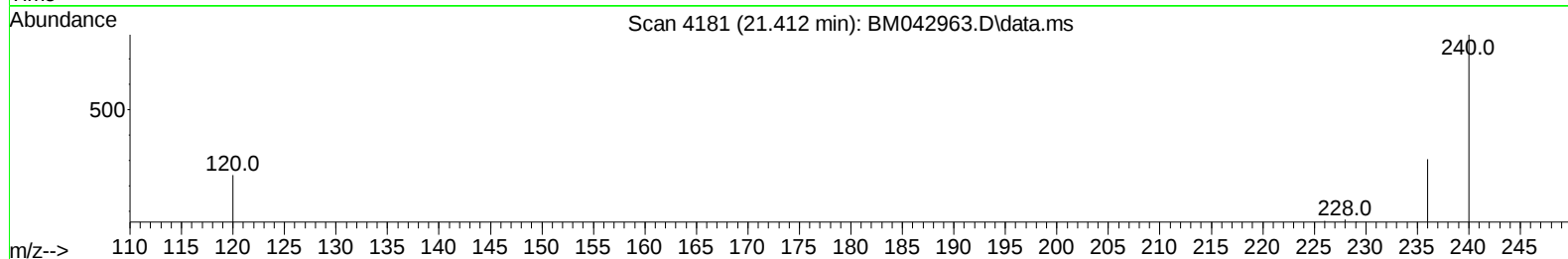
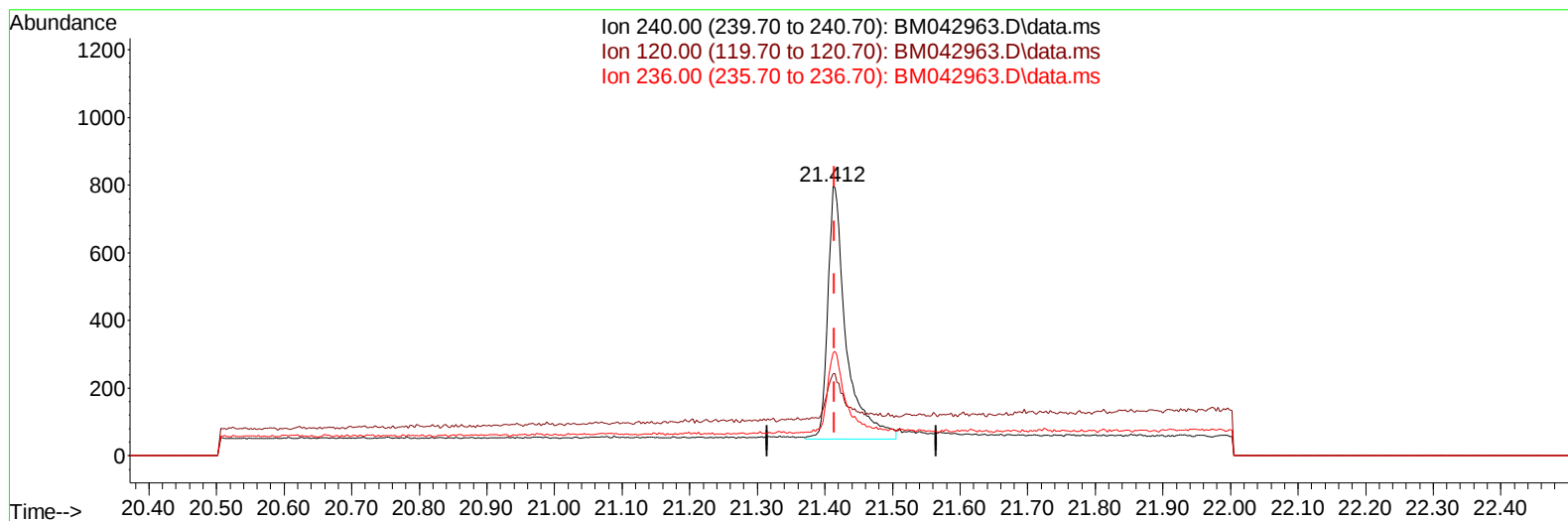
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112223\
Data File : BM042963.D
Acq On : 22 Nov 2023 21:45
Operator : MA/JU
Sample : 05268-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKD0

Manual IntegrationsAPPROVED

Quant Time: Nov 23 00:12:33 2023
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TIC: BM042963.D\data.ms

(17) Chrysene-d12

21.412min (-0.003) 0.40 ng/u1 m

response 1421

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	35.50	30.53
236.00	39.00	38.32
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112223\
 Data File : BM042963.D
 Acq On : 22 Nov 2023 21:45
 Operator : MA/JU
 Sample : 05268-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKD0

Manual IntegrationsAPPROVED

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.817	152		640	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.616	136		1544	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.464	164		874	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.216	188		2022m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.412	240		1421m	0.400	ng/ul	0.00
23) Perylene-d12	23.765	264		3994	0.400	ng/ul	# 0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.164	96		3519	3.499	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.238	152		711	0.365	ng/ul	0.00
18) Fluoranthene-d10	19.247	212		2132	0.460	ng/ul	0.00
Target Compounds							Qvalue
5) Naphthalene	10.666	128		3428	0.705	ng/ul#	92
7) 2-Methylnaphthalene	12.315	142		237	0.083	ng/ul	89
8) 1-Methylnaphthalene	12.524	142		192	0.064	ng/ul	96
11) Acenaphthene	14.524	153		649	0.159	ng/ul	96
12) Fluorene	15.518	166		303	0.069	ng/ul#	85
14) Pentachlorophenol	16.870	266		981	0.873	ng/ul	96
15) Phenanthrene	17.258	178		464m	0.065	ng/ul	
16) Anthracene	17.351	178		399m	0.054	ng/ul	

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

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