

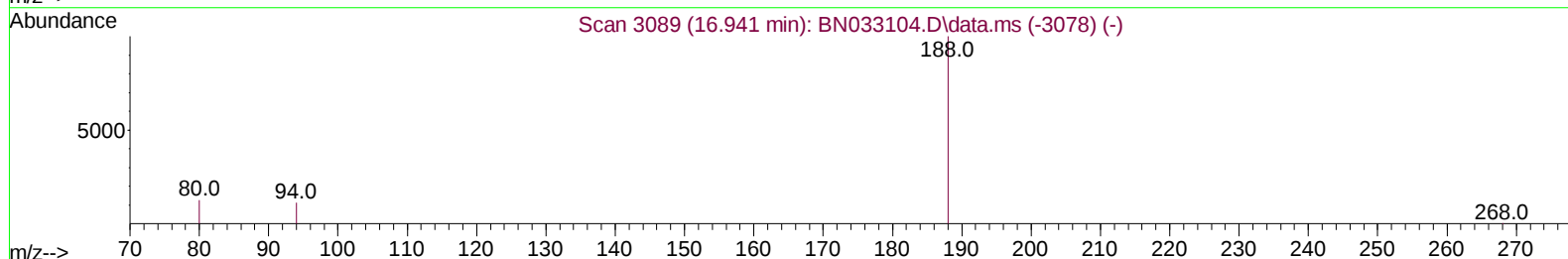
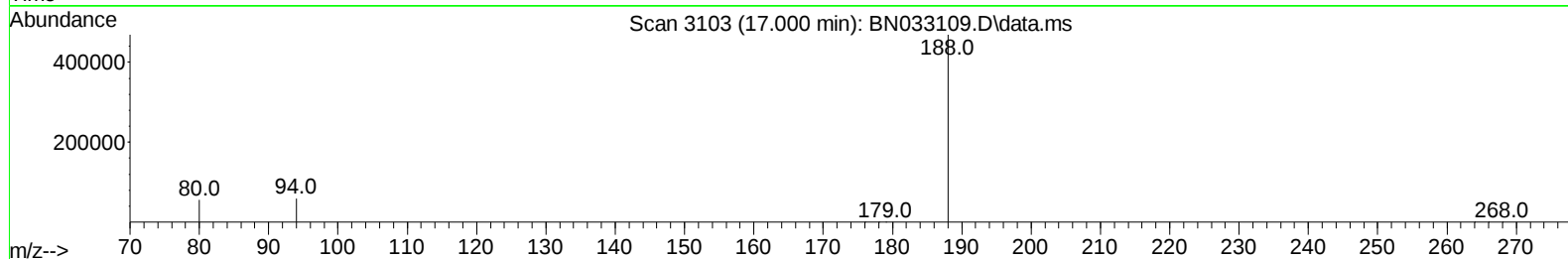
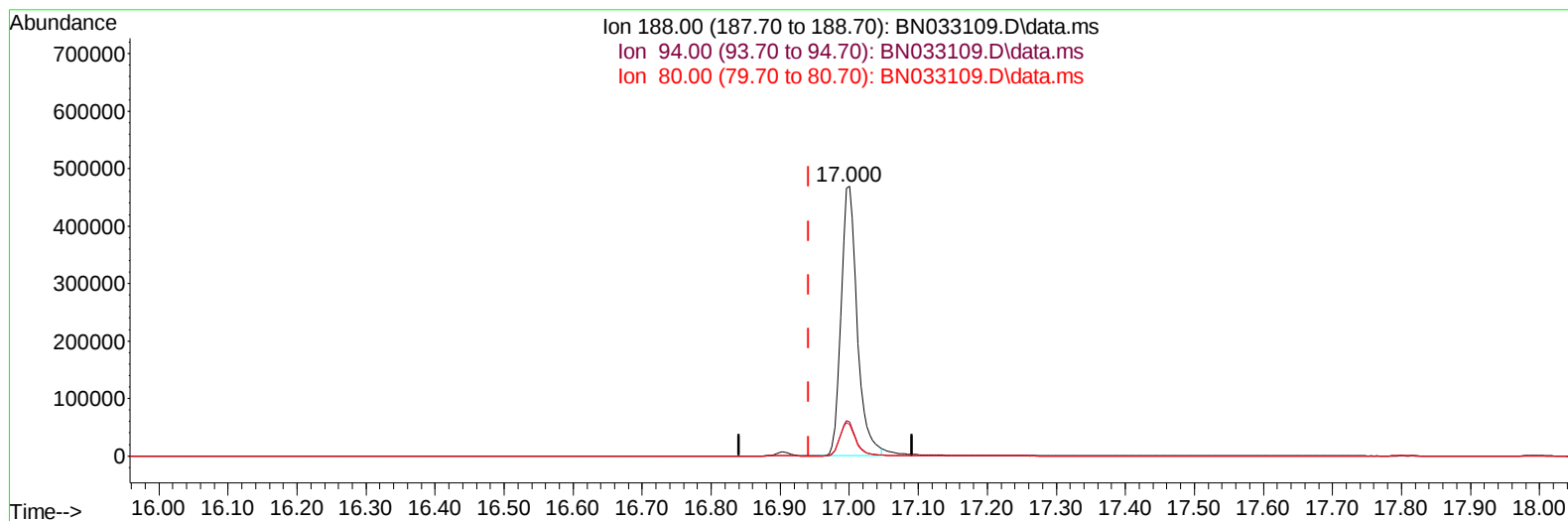
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033109.D
Acq On : 30 Jul 2024 16:51
Operator : MA/JU
Sample : P3336-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E32

Manual IntegrationsAPPROVED

Quant Time: Jul 30 18:44:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033109.D\data.ms

(13) Phenanthrene-d10 (I)

17.000min (+ 0.059) 0.40 ng/u1

response 764707

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	12.57
80.00	13.10	11.76
0.00	0.00	0.00

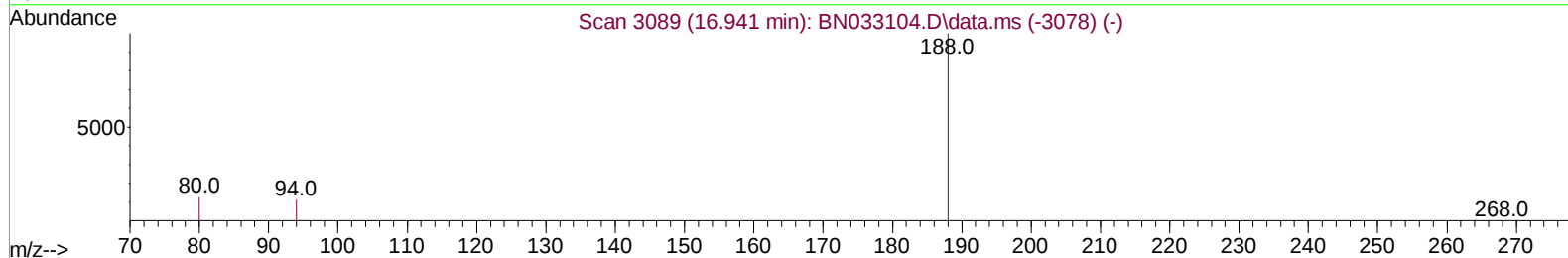
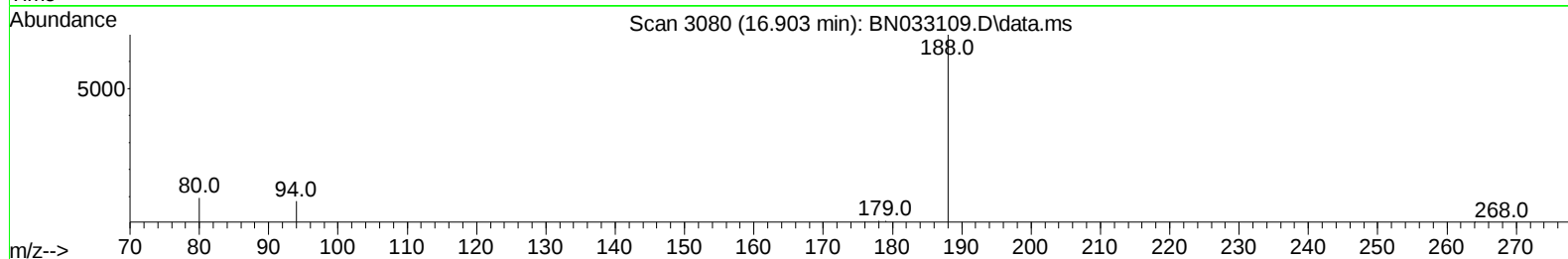
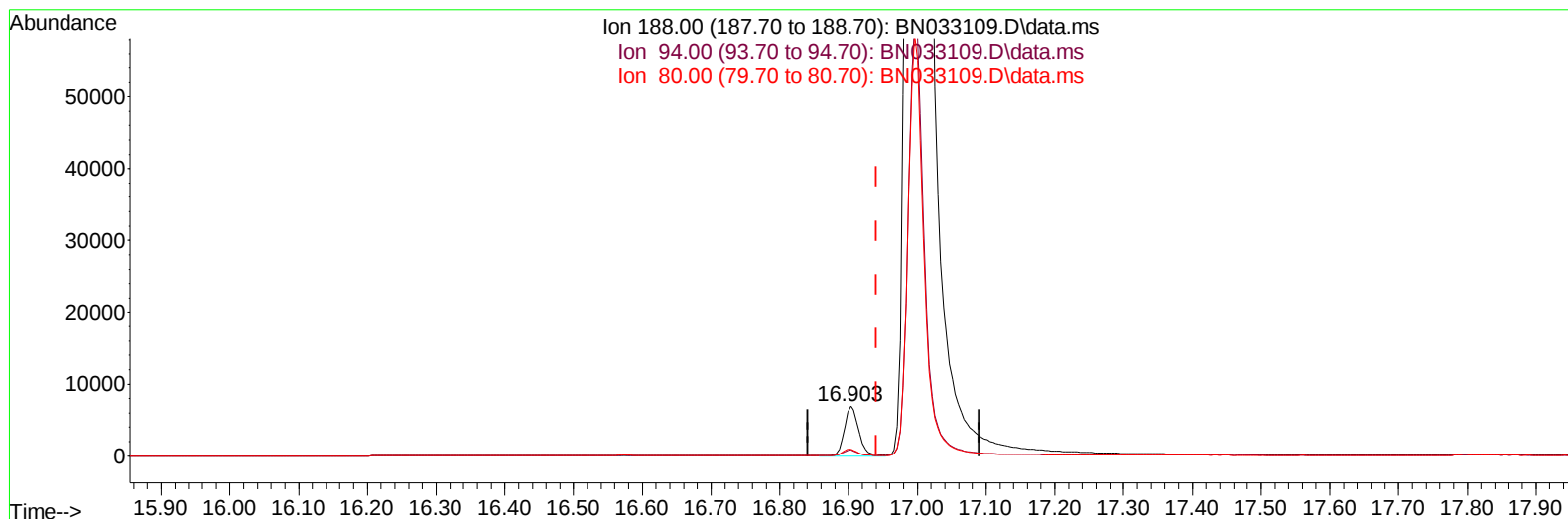
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033109.D
Acq On : 30 Jul 2024 16:51
Operator : MA/JU
Sample : P3336-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E32

Manual IntegrationsAPPROVED

Quant Time: Jul 30 18:44:24 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
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Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033109.D\data.ms

(13) Phenanthrene-d10 (I)

16.903min (-0.038) 0.40 ng/u1 m

response 10070

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	11.91
80.00	13.10	13.56
0.00	0.00	0.00

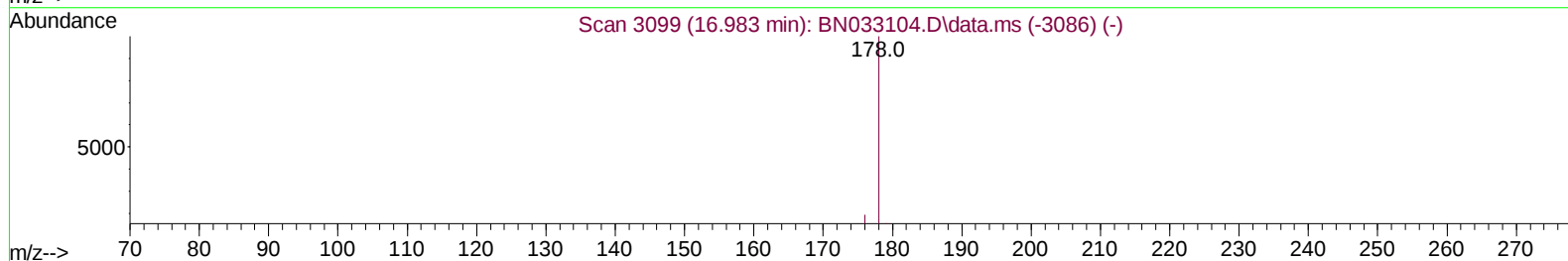
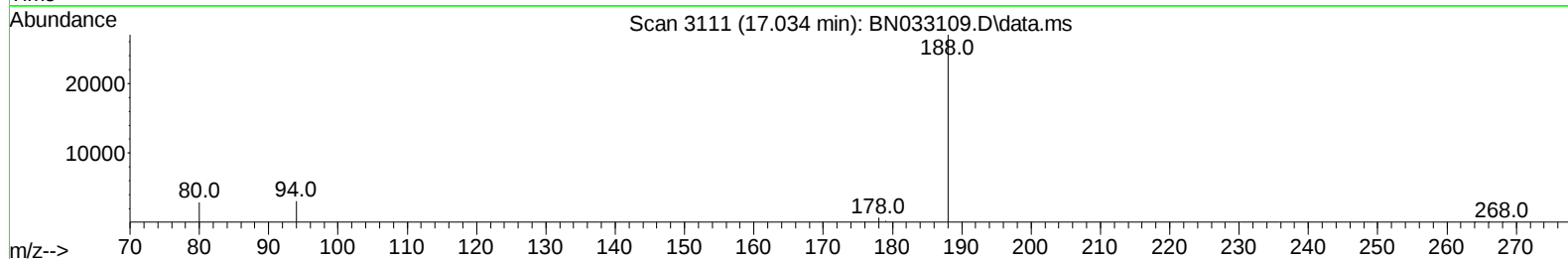
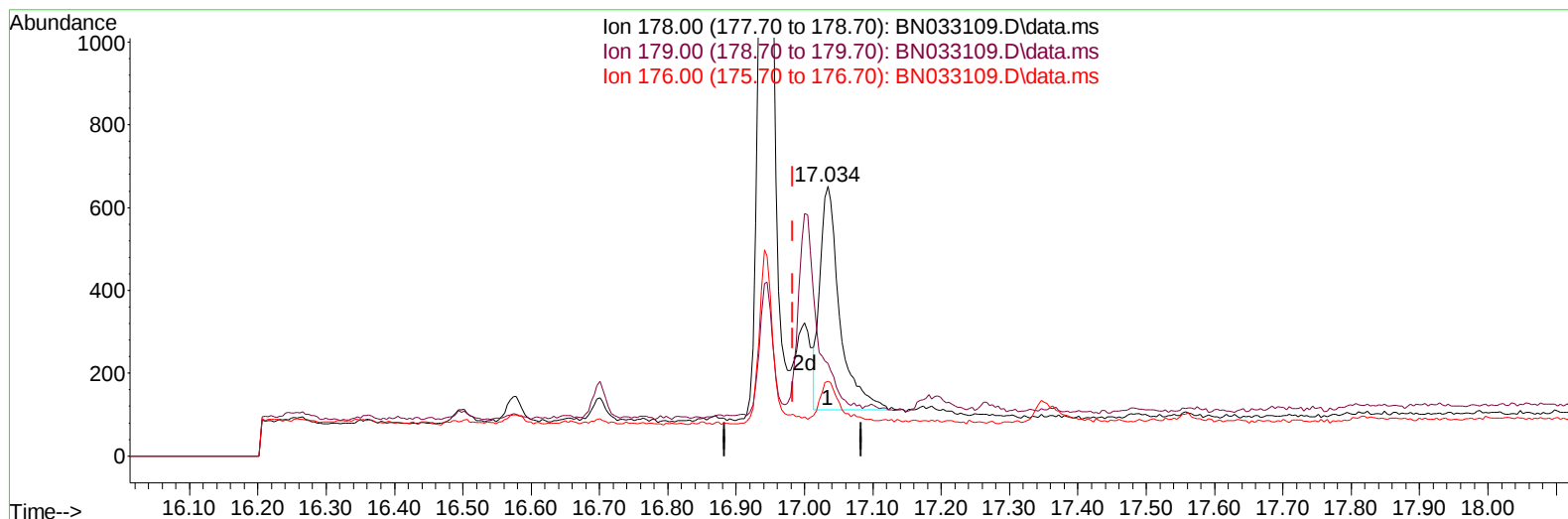
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033109.D
Acq On : 30 Jul 2024 16:51
Operator : MA/JU
Sample : P3336-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E32

Manual IntegrationsAPPROVED

Quant Time: Jul 30 18:44:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033109.D\data.ms

(15) Phenanthrene

17.034min (+ 0.051) 0.04 ng/u1

response 1087

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.10	34.41#
176.00	19.90	27.80#
0.00	0.00	0.00

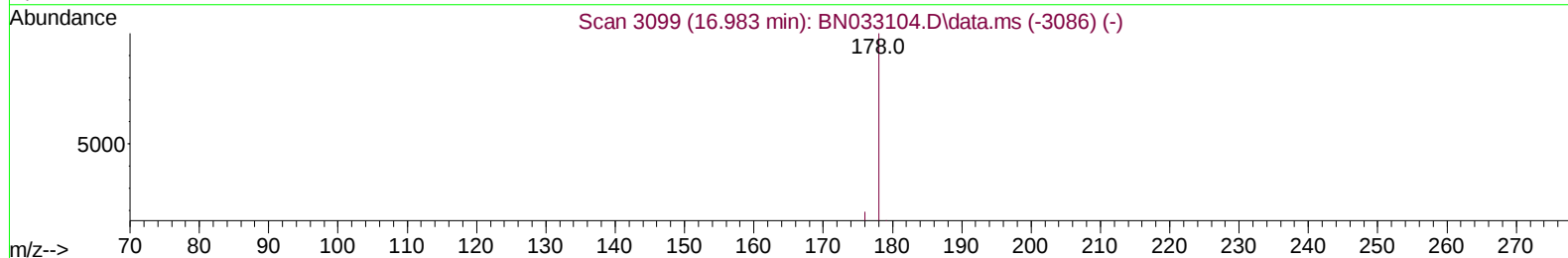
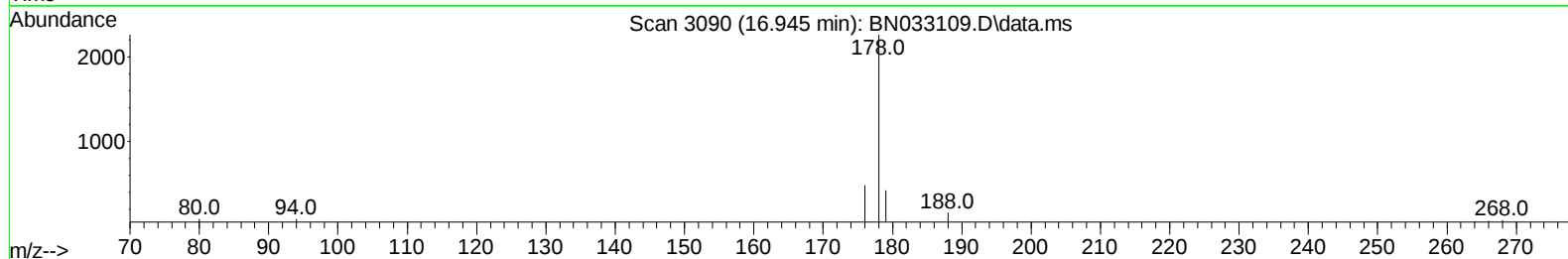
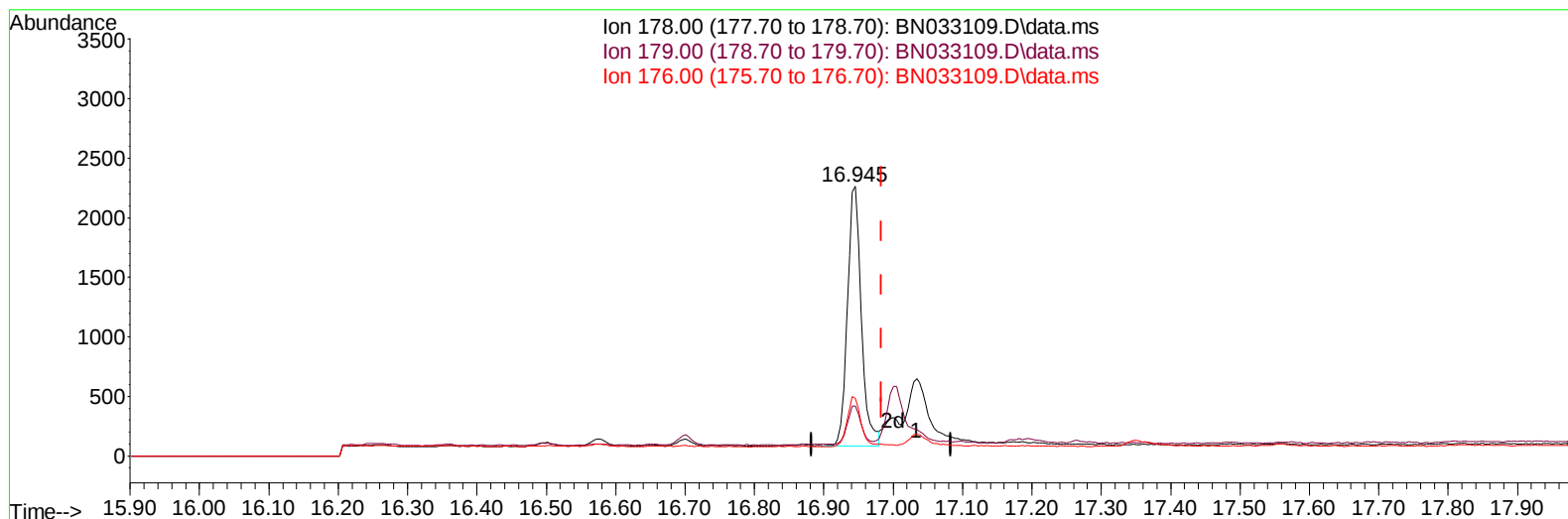
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033109.D
Acq On : 30 Jul 2024 16:51
Operator : MA/JU
Sample : P3336-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E32

Manual IntegrationsAPPROVED

Quant Time: Jul 30 18:44:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033109.D\data.ms

(15) Phenanthrene

16.945min (-0.038) 0.11 ng/u1 m

response 3033

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.10	18.57
176.00	19.90	21.35
0.00	0.00	0.00

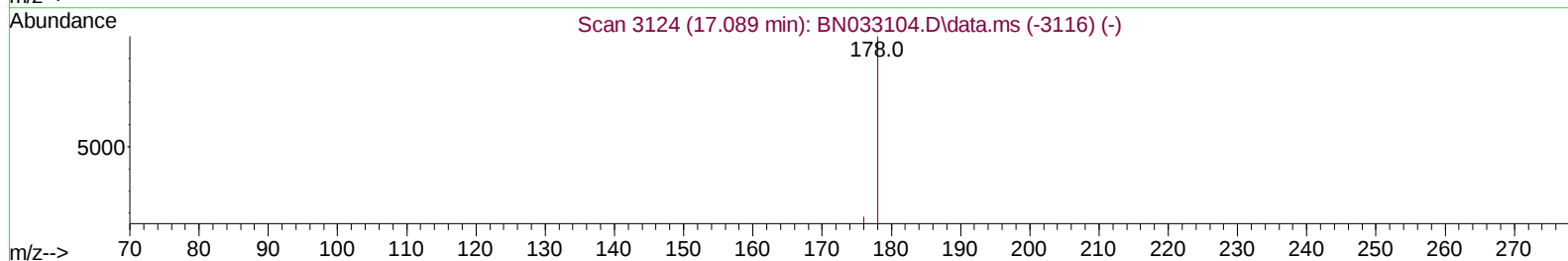
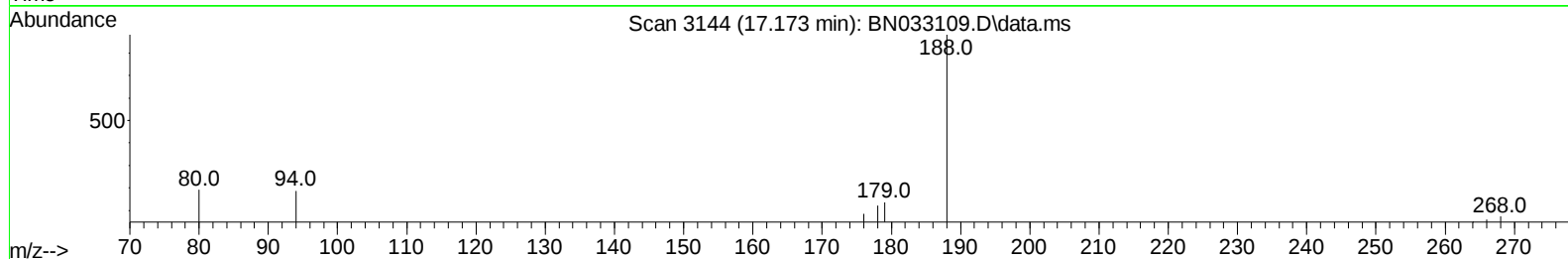
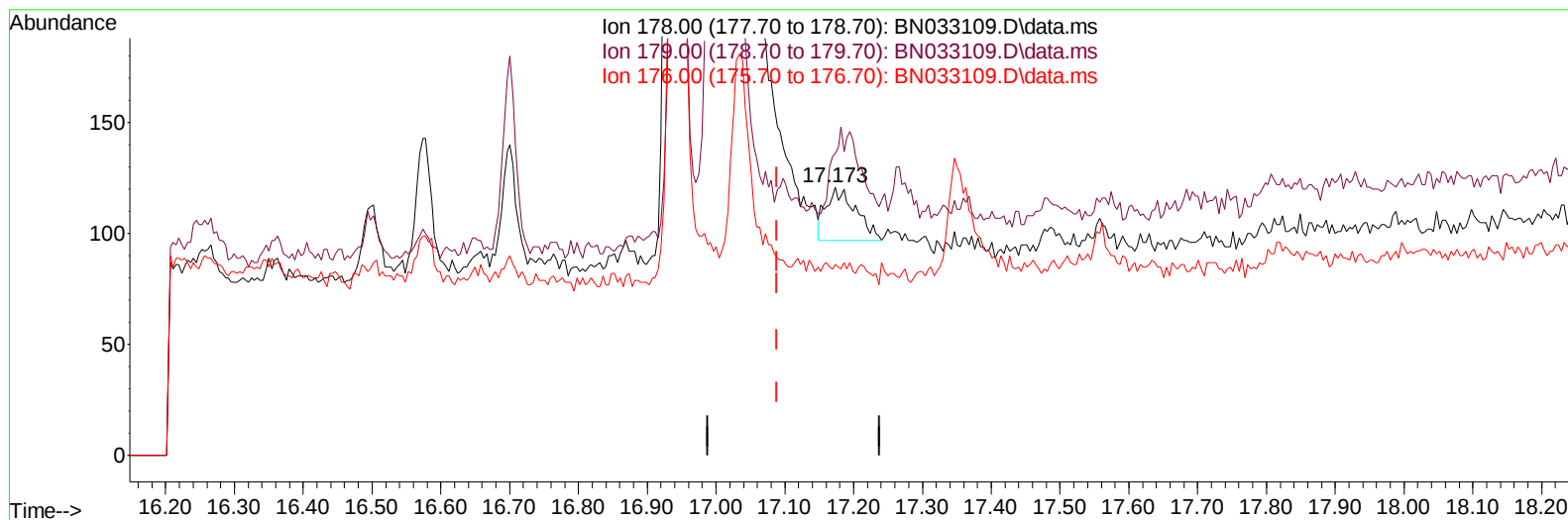
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033109.D
Acq On : 30 Jul 2024 16:51
Operator : MA/JU
Sample : P3336-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E32

Manual IntegrationsAPPROVED

Quant Time: Jul 30 18:44:24 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
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TIC: BN033109.D\data.ms

(16) Anthracene

17.173min (+ 0.085) 0.00 ng/u1

response 71

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.90	112.40#
176.00	19.80	71.07#
0.00	0.00	0.00

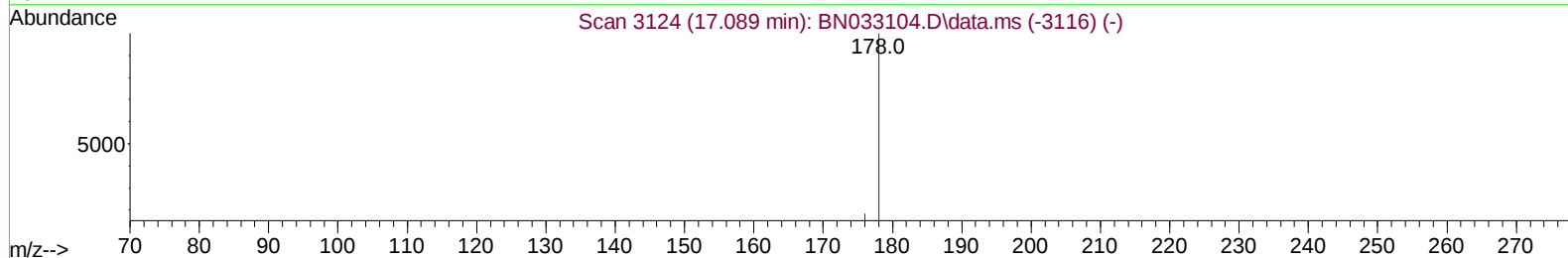
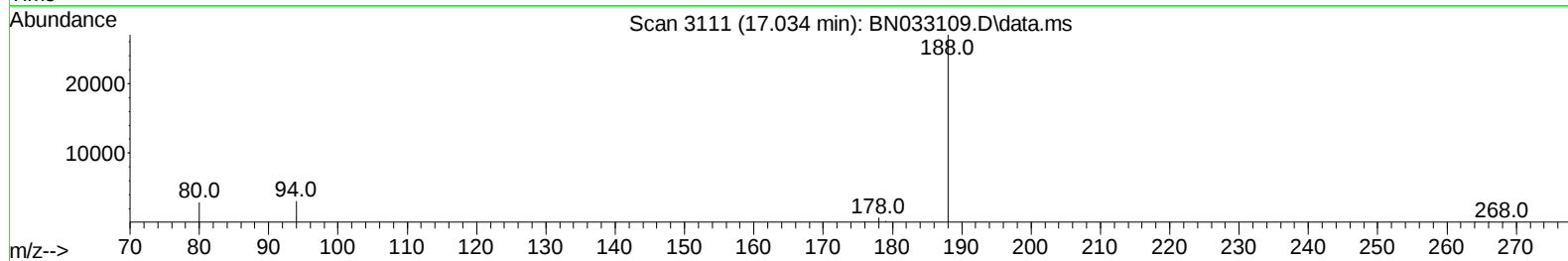
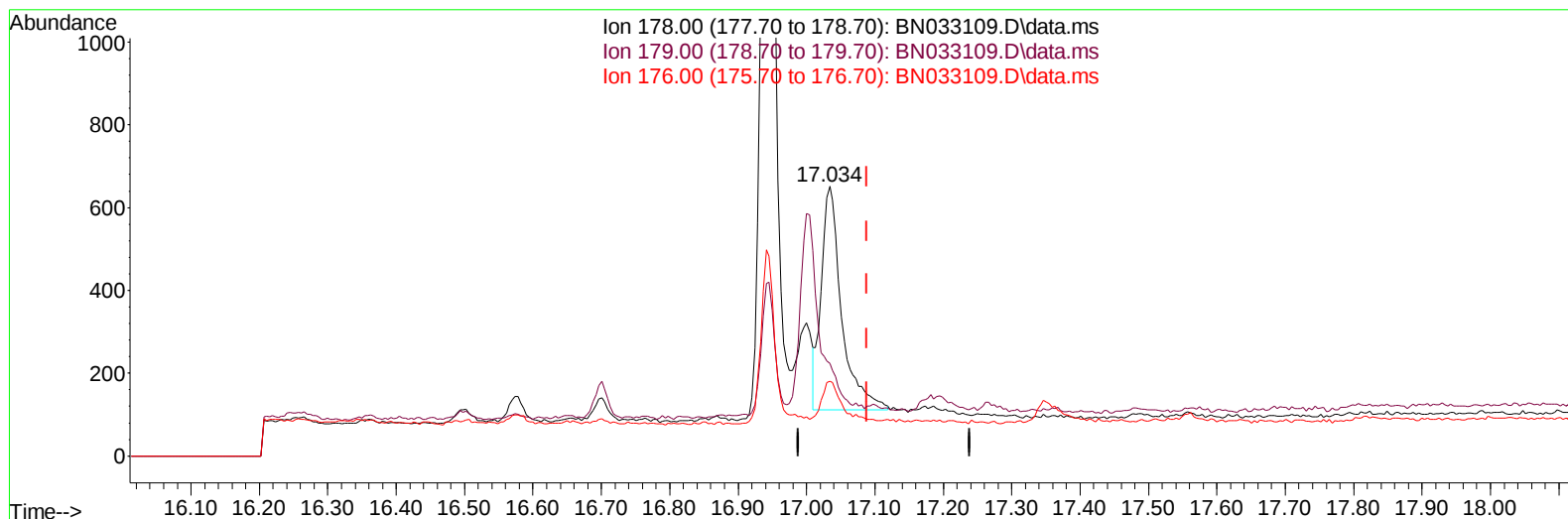
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033109.D
Acq On : 30 Jul 2024 16:51
Operator : MA/JU
Sample : P3336-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E32

Manual IntegrationsAPPROVED

Quant Time: Jul 30 18:44:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033109.D\data.ms

(16) Anthracene

17.034min (-0.055) 0.05 ng/u1 m

response 1132

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.90	34.41#
176.00	19.80	27.80#
0.00	0.00	0.00

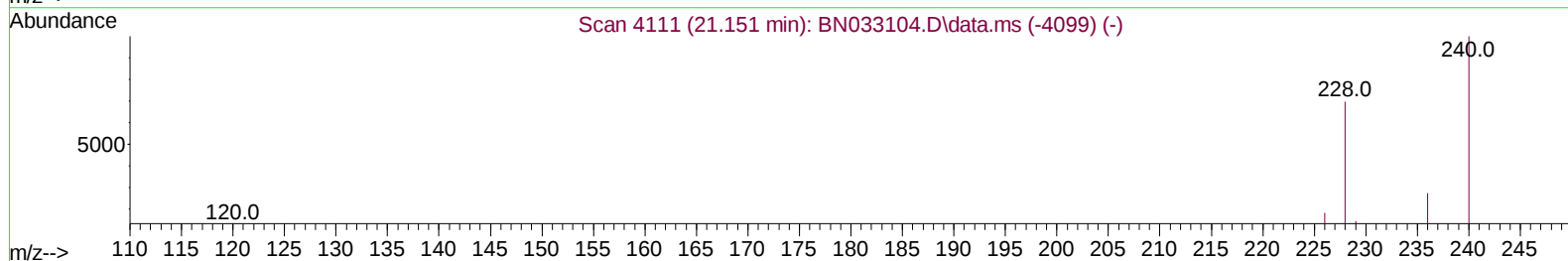
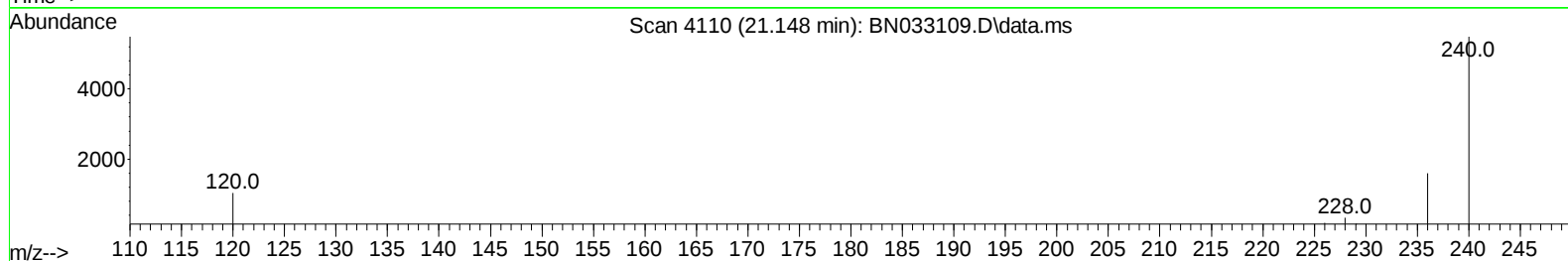
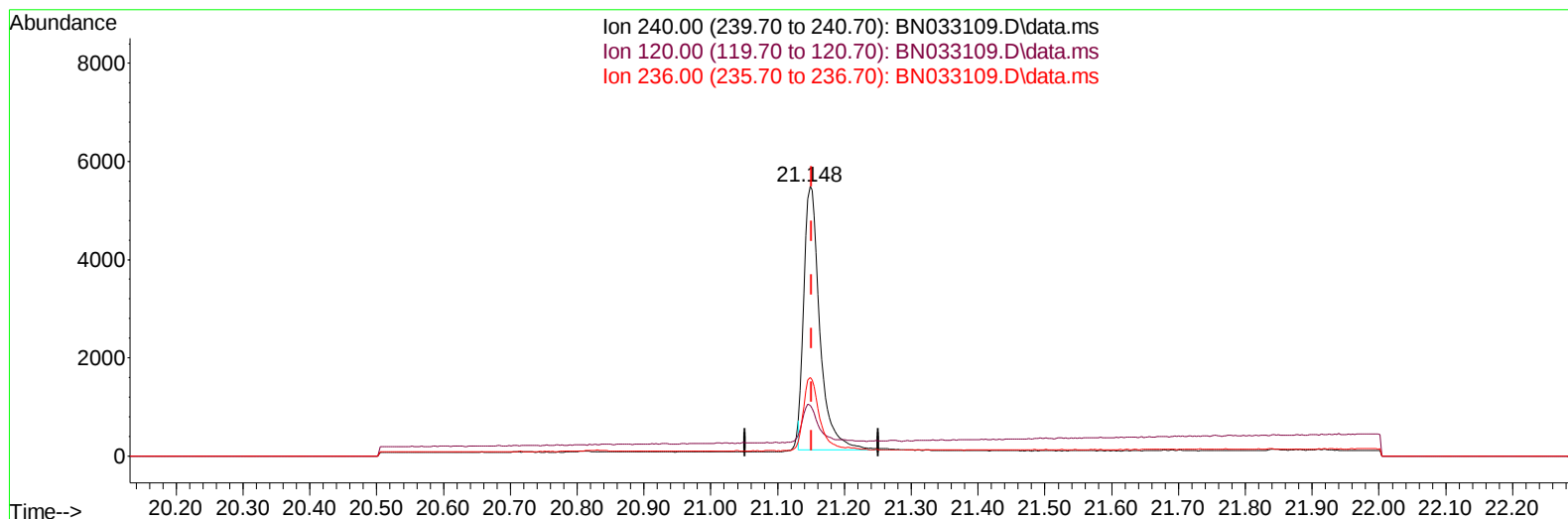
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033109.D
Acq On : 30 Jul 2024 16:51
Operator : MA/JU
Sample : P3336-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E32

Manual IntegrationsAPPROVED

Quant Time: Jul 30 18:44:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
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Reviewed By :Yogesh Patel 07/31/2024
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TIC: BN033109.D\data.ms

(17) Chrysene-d12

21.148min (-0.003) 0.40 ng/u1

response 8924

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	21.40	18.80
236.00	29.50	29.16
0.00	0.00	0.00

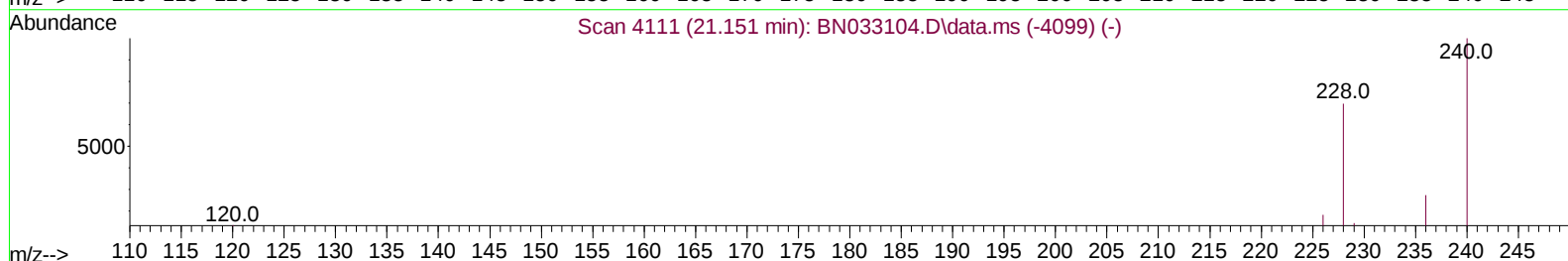
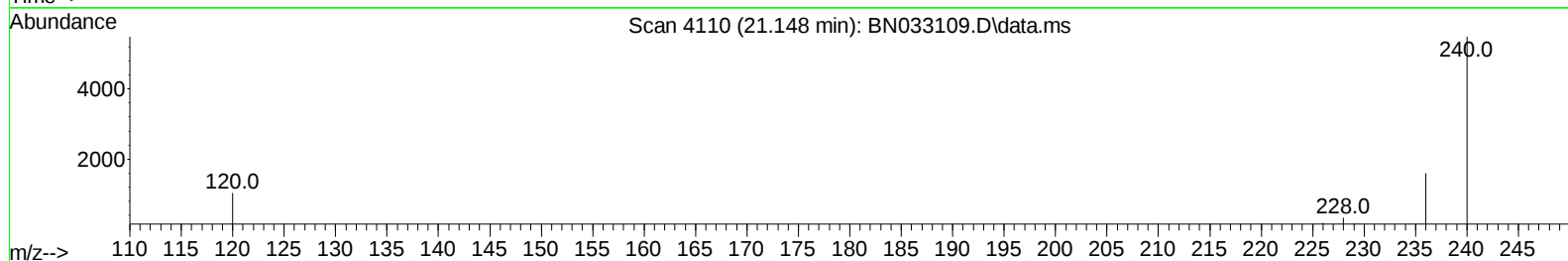
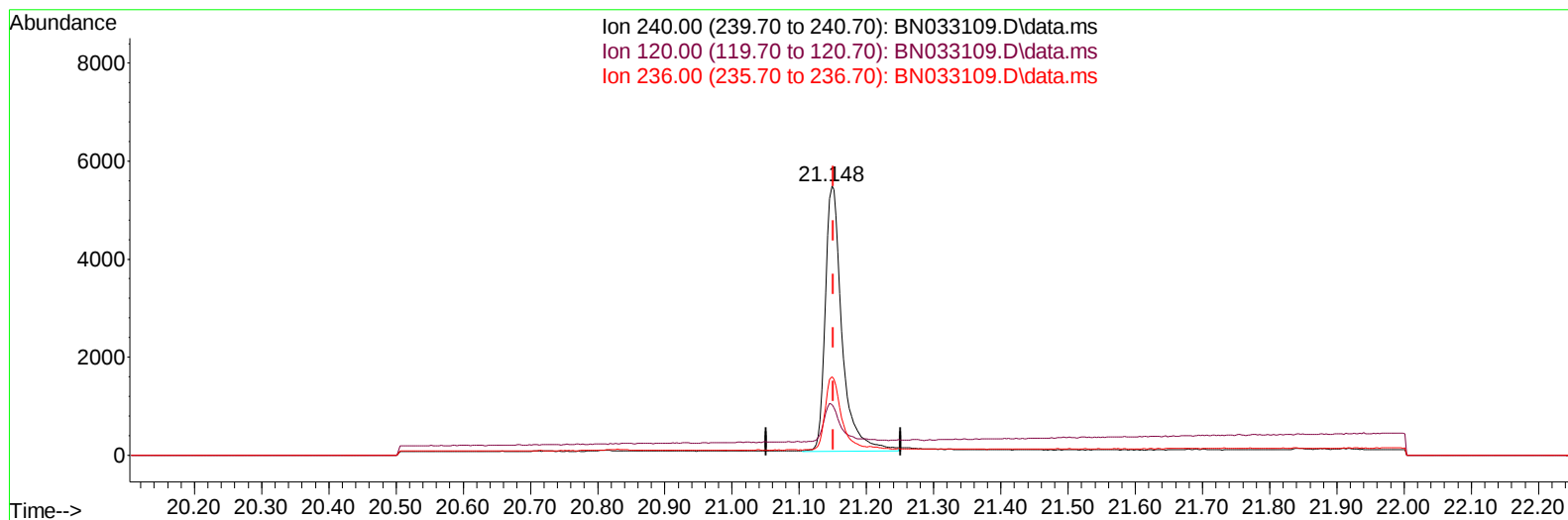
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033109.D
Acq On : 30 Jul 2024 16:51
Operator : MA/JU
Sample : P3336-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E32

Manual IntegrationsAPPROVED

Quant Time: Jul 30 18:44:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033109.D\data.ms

(17) Chrysene-d12

21.148min (-0.003) 0.40 ng/ul m

response 9335

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	21.40	18.80
236.00	29.50	29.16
0.00	0.00	0.00

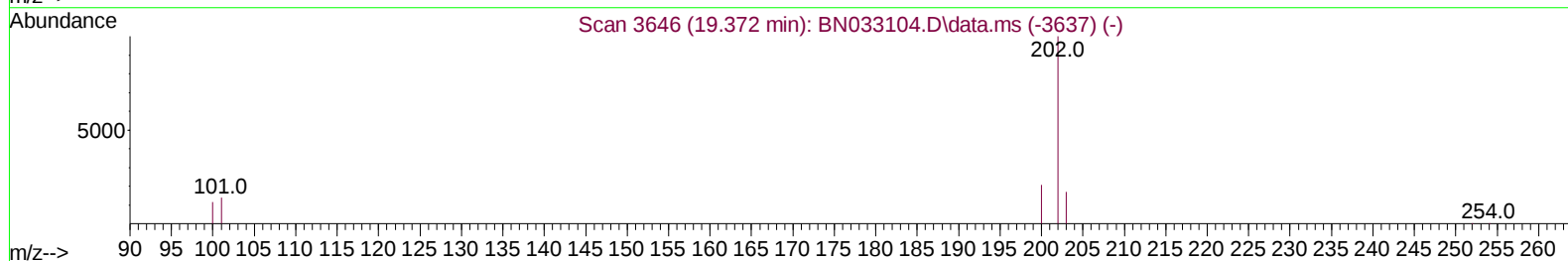
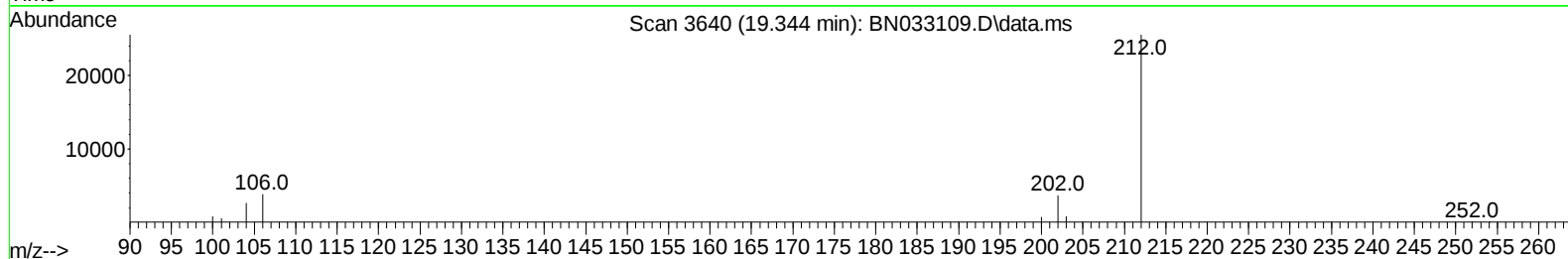
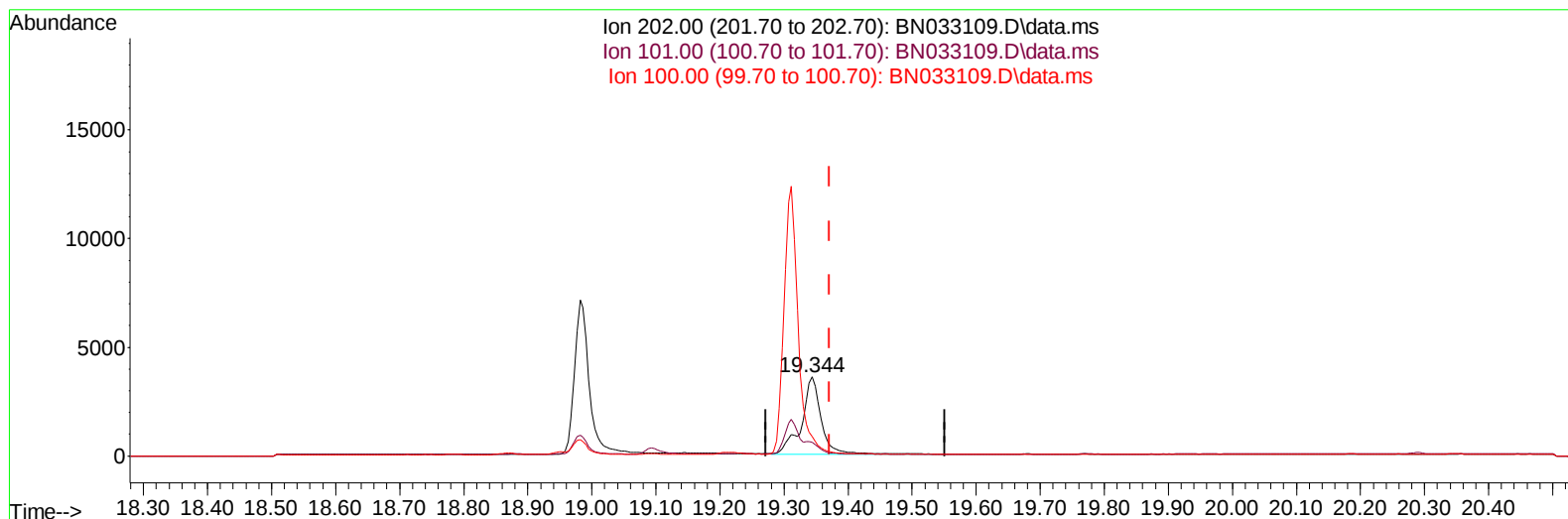
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033109.D
Acq On : 30 Jul 2024 16:51
Operator : MA/JU
Sample : P3336-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E32

Manual IntegrationsAPPROVED

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TIC: BN033109.D\data.ms

(20) Pyrene

19.344min (-0.028) 0.23 ng/u1

response 7417

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	15.70	16.94
100.00	12.40	24.08#
0.00	0.00	0.00

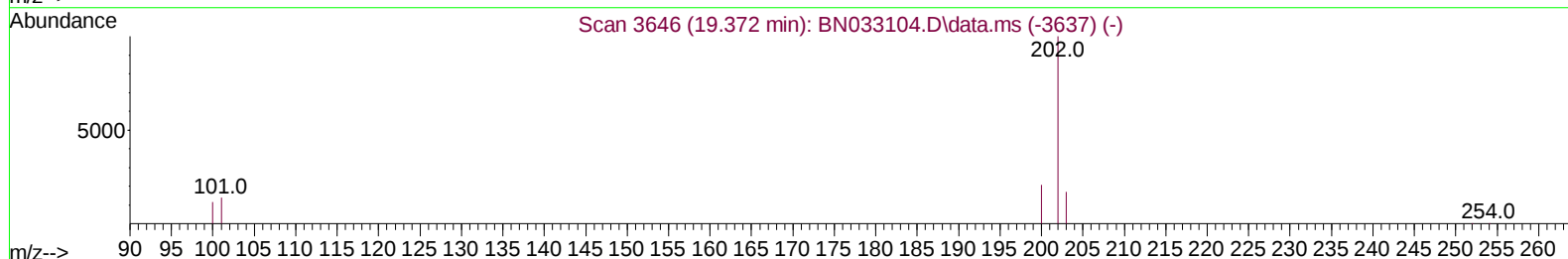
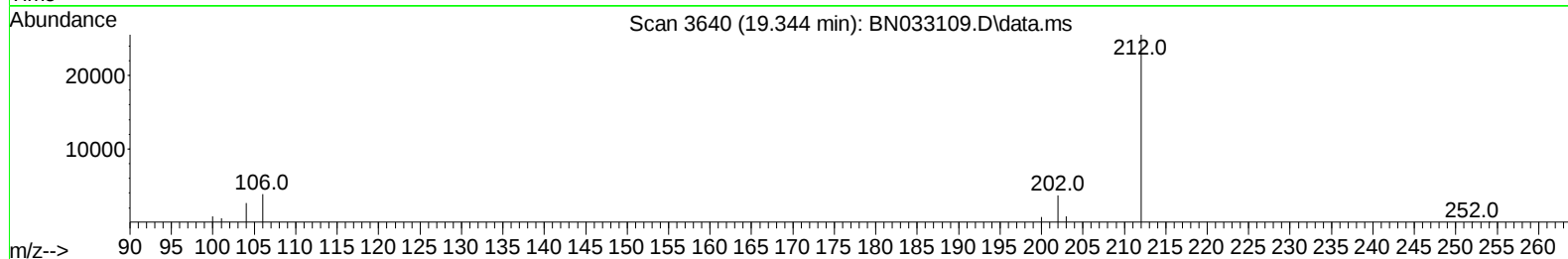
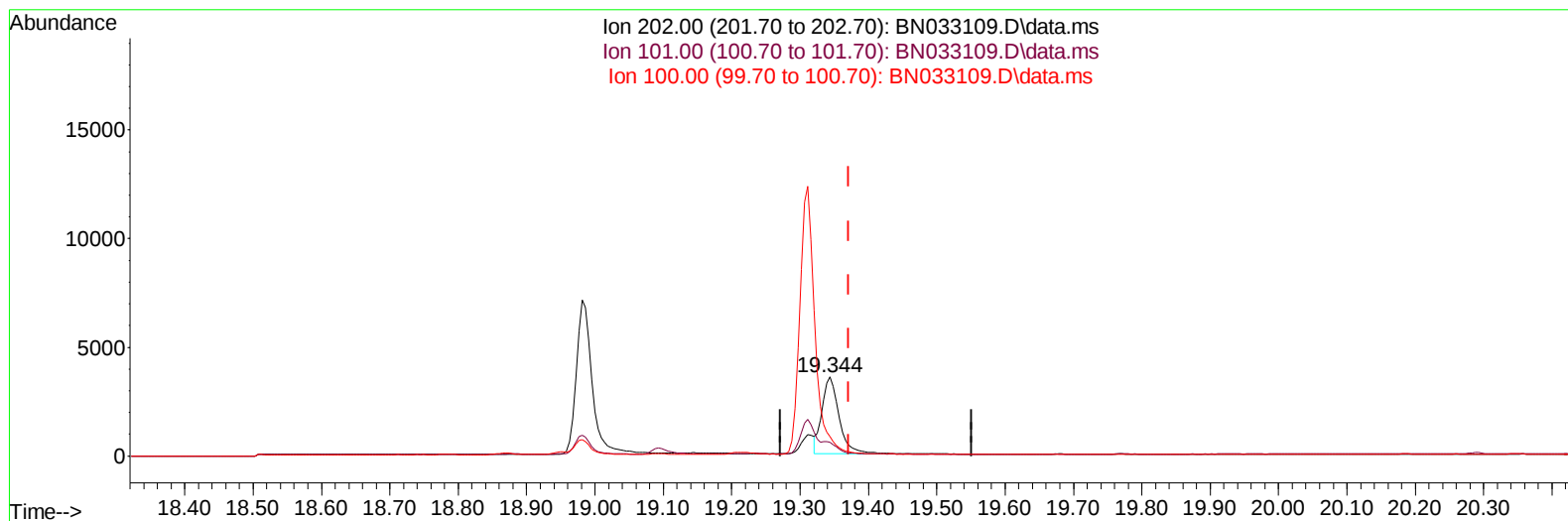
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033109.D
Acq On : 30 Jul 2024 16:51
Operator : MA/JU
Sample : P3336-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E32

Manual IntegrationsAPPROVED

Quant Time: Jul 30 18:44:24 2024
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TIC: BN033109.D\data.ms

(20) Pyrene

19.344min (-0.028) 0.19 ng/ul m

response 6125

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	15.70	16.94
100.00	12.40	24.08#
0.00	0.00	0.00

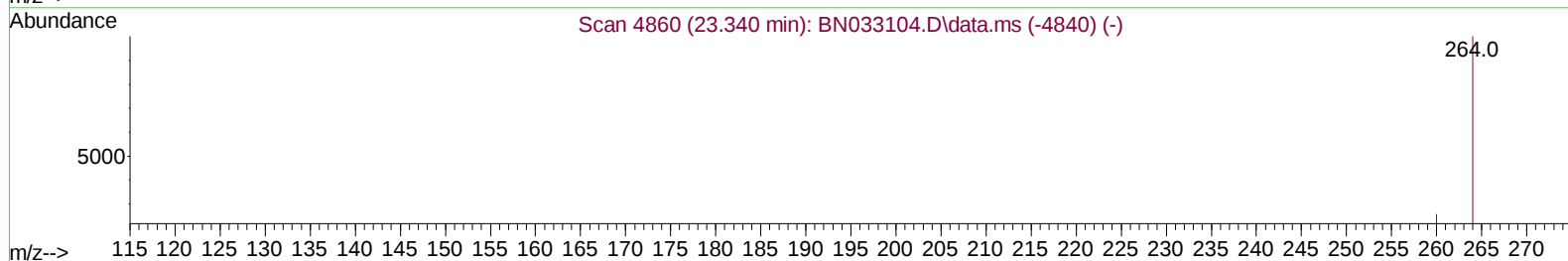
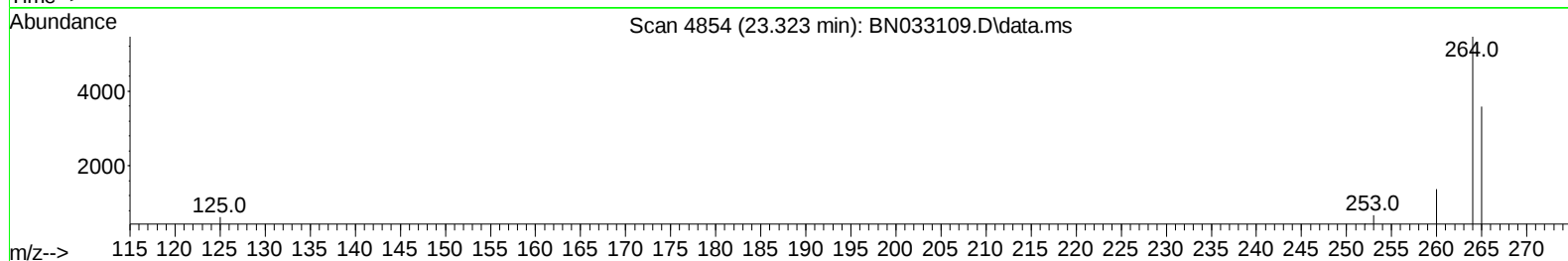
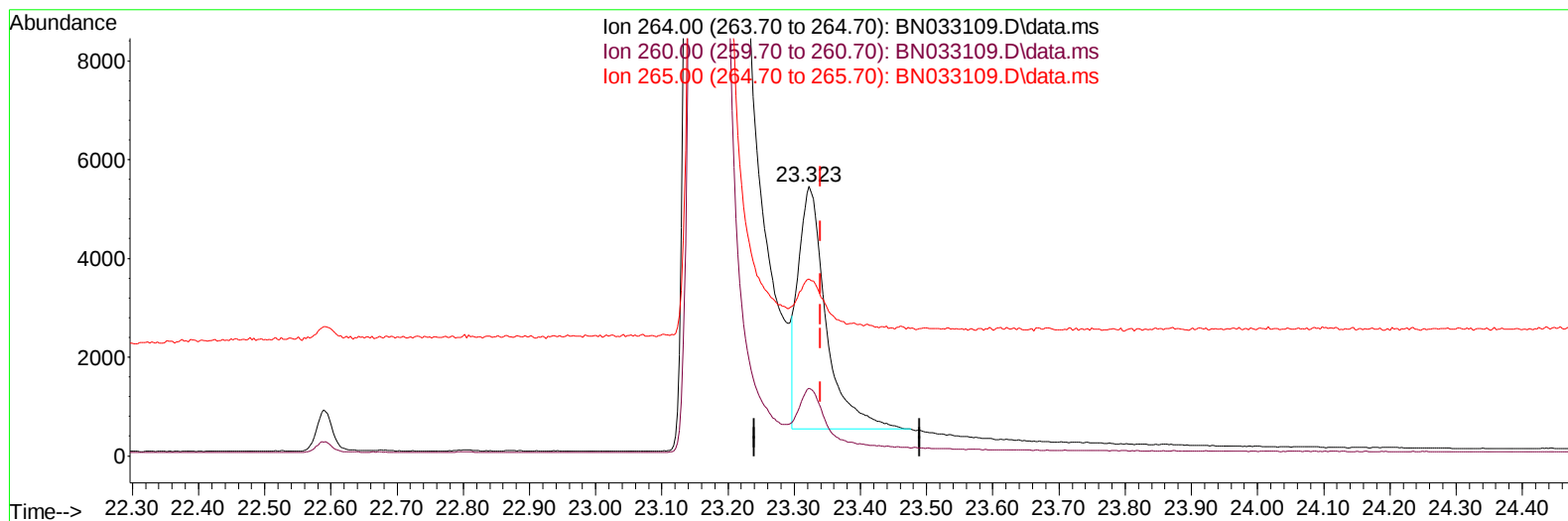
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
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 ALS Vial : 43 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 07/31/2024



TIC: BN033109.D\data.ms

(23) Perylene-d12 (I)

23.323min (-0.017) 0.40 ng/u1

response 14361

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.50	25.24
265.00	80.60	65.71
0.00	0.00	0.00

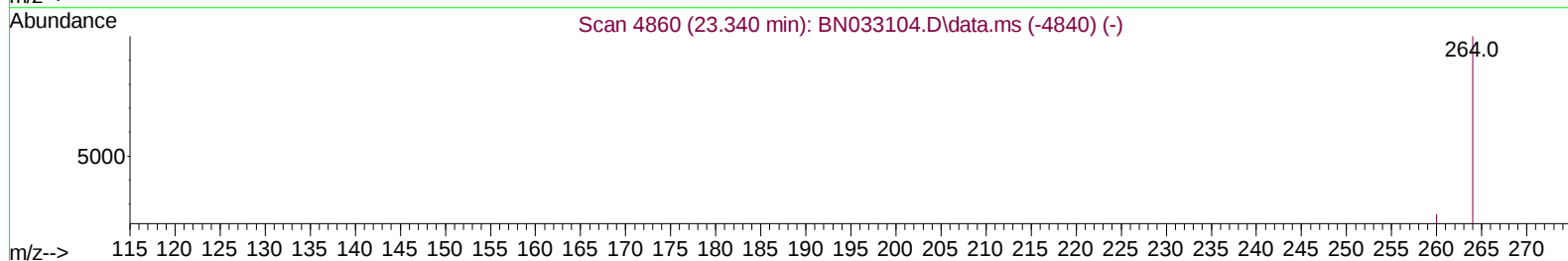
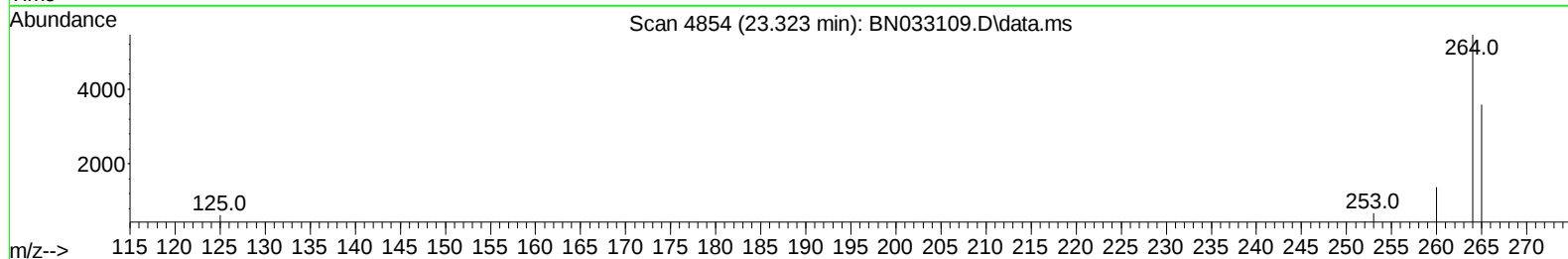
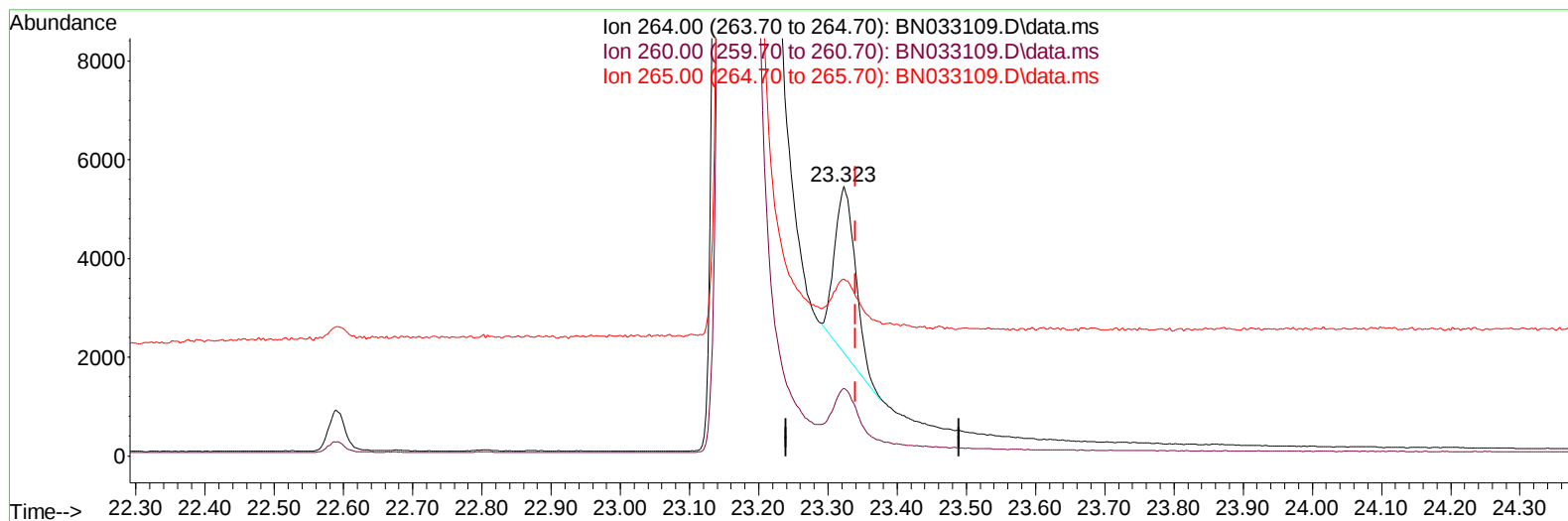
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033109.D
Acq On : 30 Jul 2024 16:51
Operator : MA/JU
Sample : P3336-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E32

Manual IntegrationsAPPROVED

Quant Time: Jul 30 18:44:24 2024
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Supervised By :mohammad ahmed 07/31/2024



TIC: BN033109.D\data.ms

(23) Perylene-d12 (I)

23.323min (-0.017) 0.40 ng/ul m

response 7014

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.50	25.24
265.00	80.60	65.71
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
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 Operator : MA/JU
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 ALS Vial : 43 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.495	152		1812	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.251	136		6914	0.400	ng/ul	#-0.07
9) Acenaphthene-d10	14.139	164		4310	0.400	ng/ul	#-0.02
13) Phenanthrene-d10	16.903	188		10070m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.148	240		9335m	0.400	ng/ul	0.00
23) Perylene-d12	23.323	264		7014m	0.400	ng/ul	-0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.052	96		11515	5.024	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.879	152		3645	0.323	ng/ul	-0.05
18) Fluoranthene-d10	18.954	212		9792	0.370	ng/ul	-0.02
Target Compounds							
						Qvalue	
10) Acenaphthylene	13.852	152		742	0.042	ng/ul#	56
11) Acenaphthene	14.203	153		689	0.052	ng/ul	94
12) Fluorene	15.203	166		1974	0.128	ng/ul#	99
15) Phenanthrene	16.945	178		3033m	0.112	ng/ul	
16) Anthracene	17.034	178		1132m	0.047	ng/ul	
19) Fluoranthene	18.981	202		11591	0.377	ng/ul	100
20) Pyrene	19.344	202		6125m	0.186	ng/ul	
21) Benzo(a)anthracene	21.140	228		727	0.023	ng/ul#	65
22) Chrysene	21.186	228		817	0.022	ng/ul#	75

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033109.D
Acq On : 30 Jul 2024 16:51
Operator : MA/JU
Sample : P3336-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E32

Manual IntegrationsAPPROVED

Quant Time: Jul 30 18:44:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/31/2024
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