

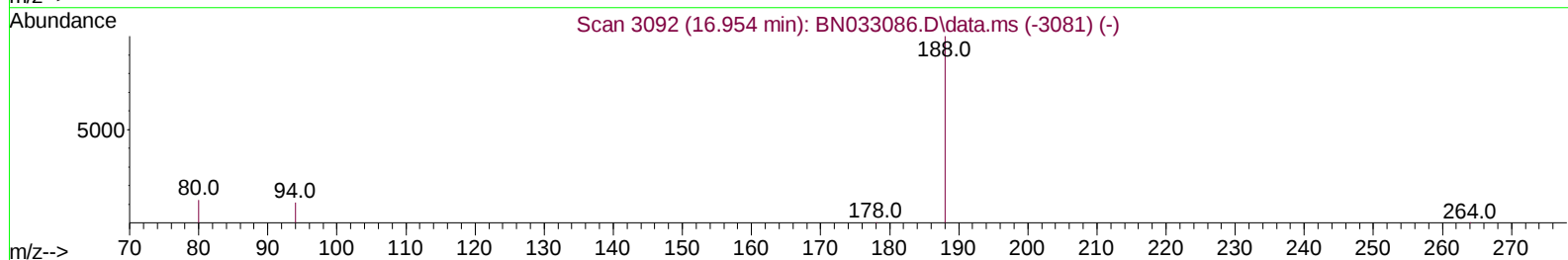
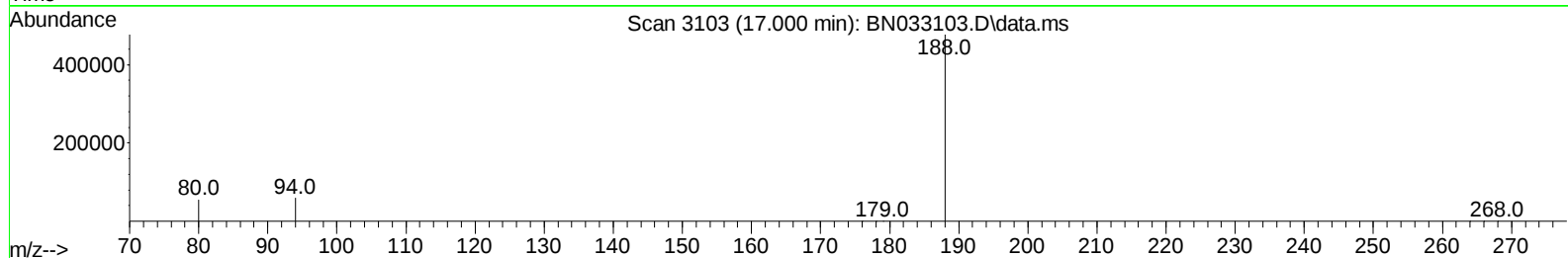
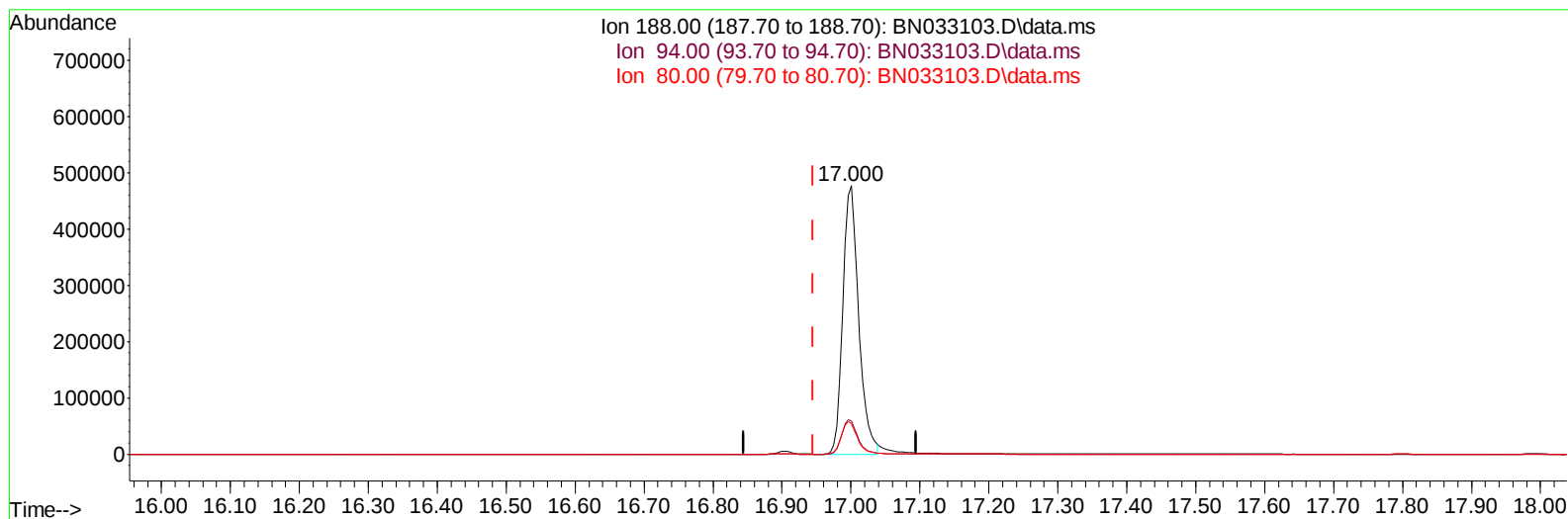
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033103.D
Acq On : 30 Jul 2024 13:14
Operator : MA/JU
Sample : P3336-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E32

Manual IntegrationsAPPROVED

Quant Time: Jul 30 13:40:29 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 : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033103.D\data.ms

(13) Phenanthrene-d10 (I)

17.000min (+ 0.055) 0.40 ng/u1

response 759023

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	12.44
80.00	13.10	11.55
0.00	0.00	0.00

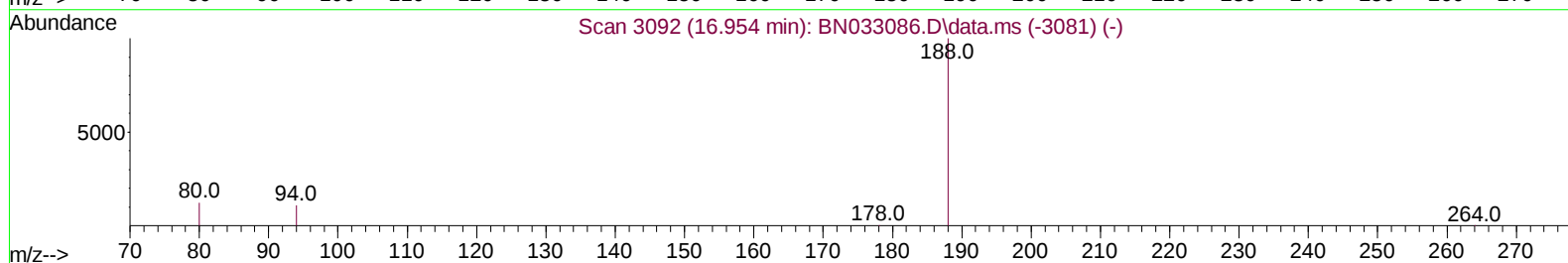
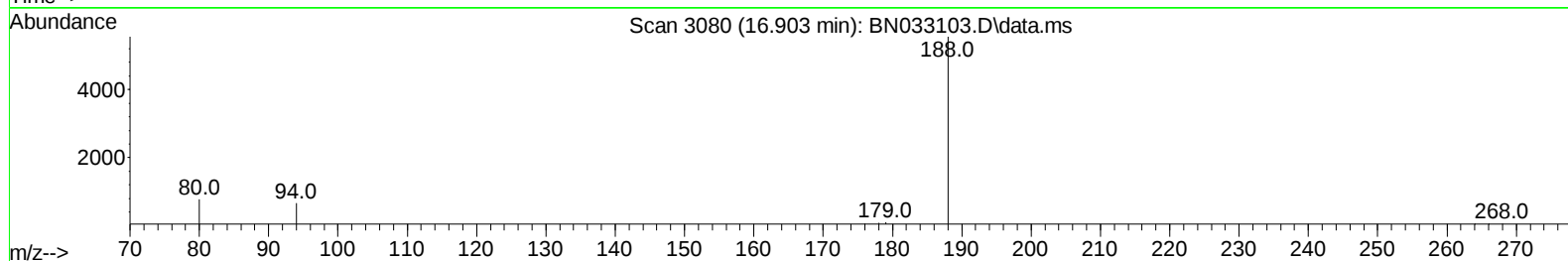
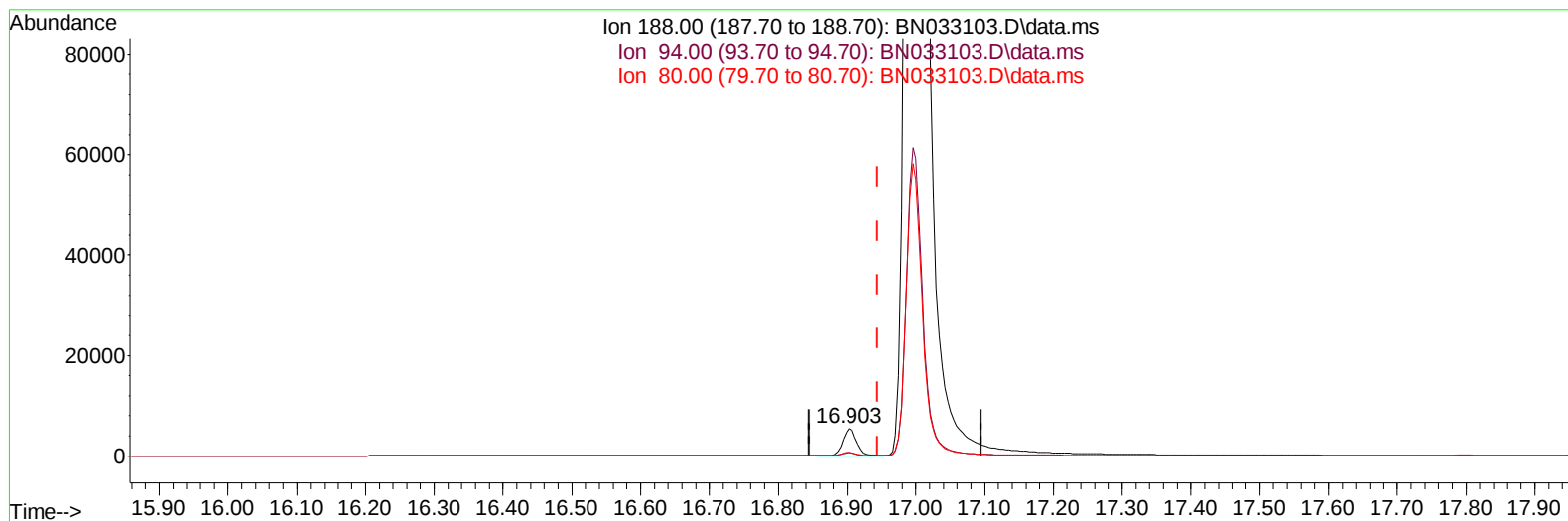
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033103.D
Acq On : 30 Jul 2024 13:14
Operator : MA/JU
Sample : P3336-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E32

Manual IntegrationsAPPROVED

Quant Time: Jul 30 13:40:29 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 : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033103.D\data.ms

(13) Phenanthrene-d10 (I)

16.903min (-0.042) 0.40 ng/ul m

response 7960

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	12.07
80.00	13.10	13.89
0.00	0.00	0.00

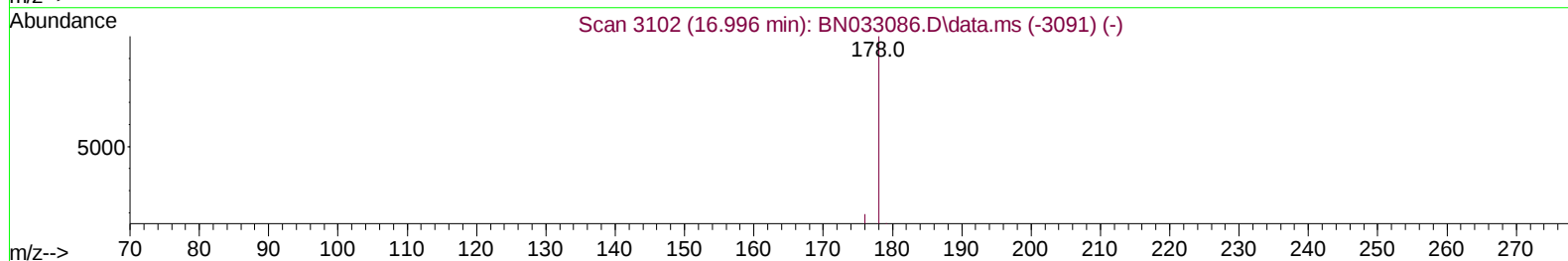
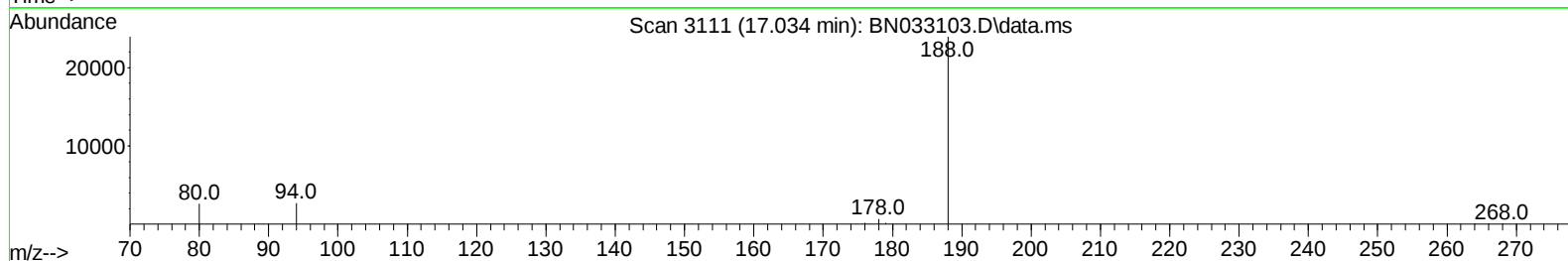
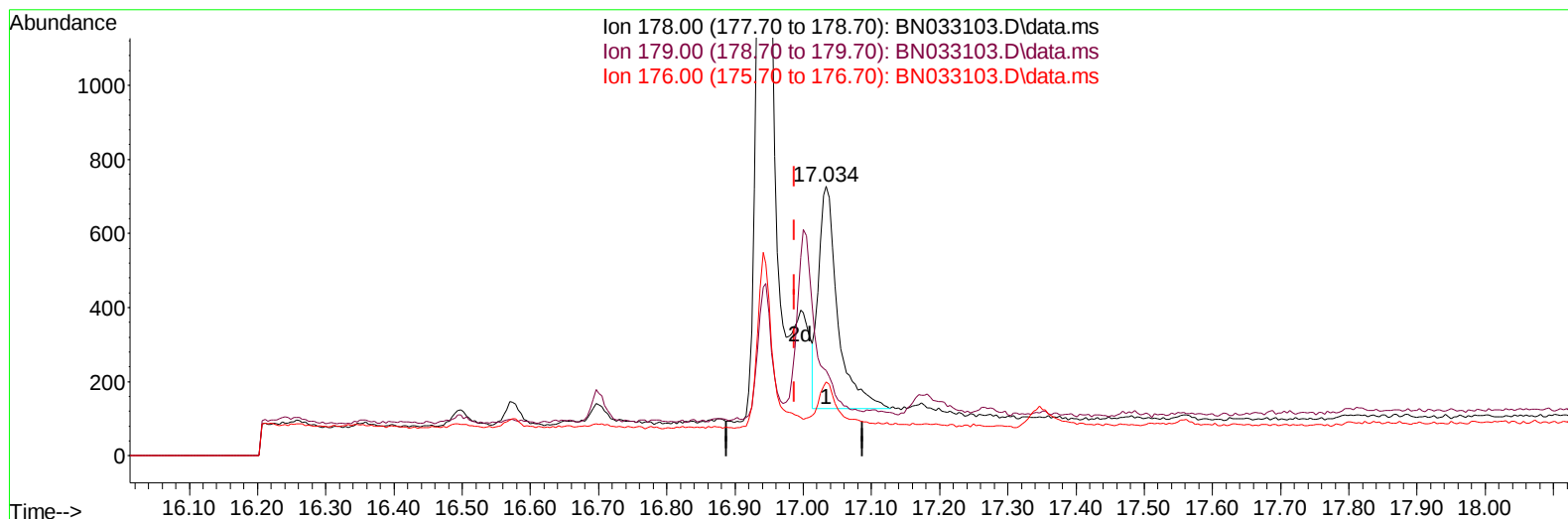
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033103.D
 Acq On : 30 Jul 2024 13:14
 Operator : MA/JU
 Sample : P3336-07
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7E32

Manual IntegrationsAPPROVED

Quant Time: Jul 30 13:40:29 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 : Mon Jul 29 23:04:40 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024



TIC: BN033103.D\data.ms

(15) Phenanthrene

17.034min (+ 0.047) 0.05 ng/u1

response 1172

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.10	31.64#
176.00	19.90	27.51#
0.00	0.00	0.00

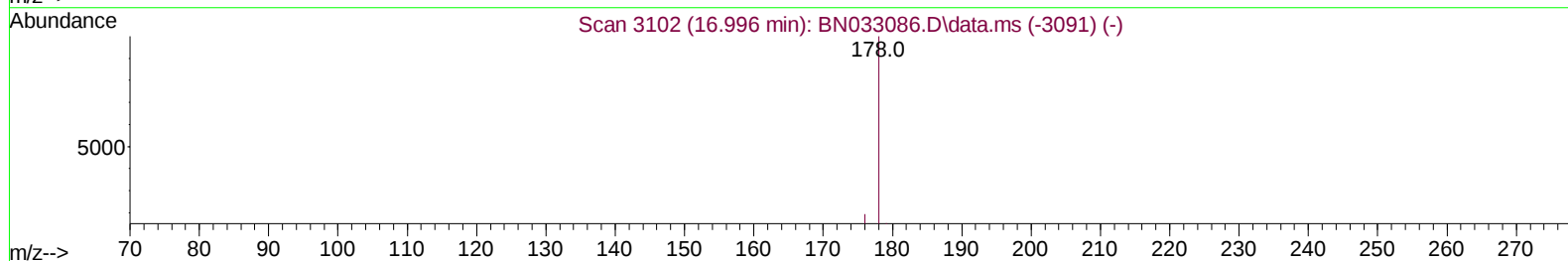
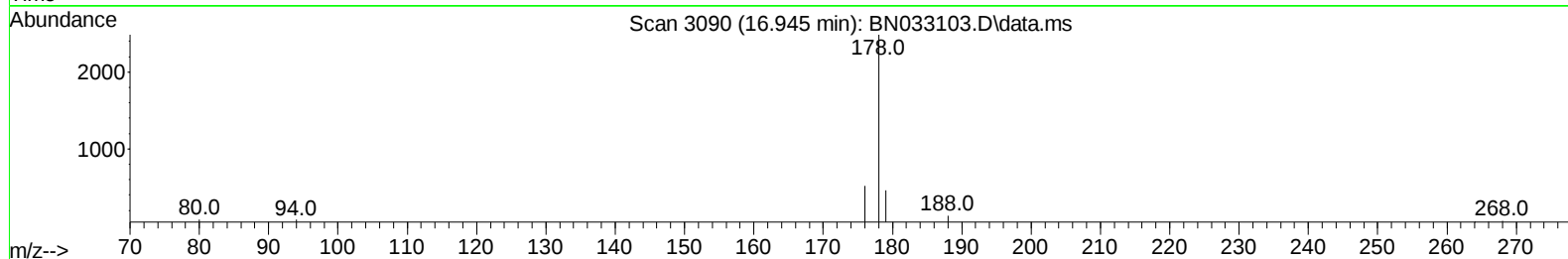
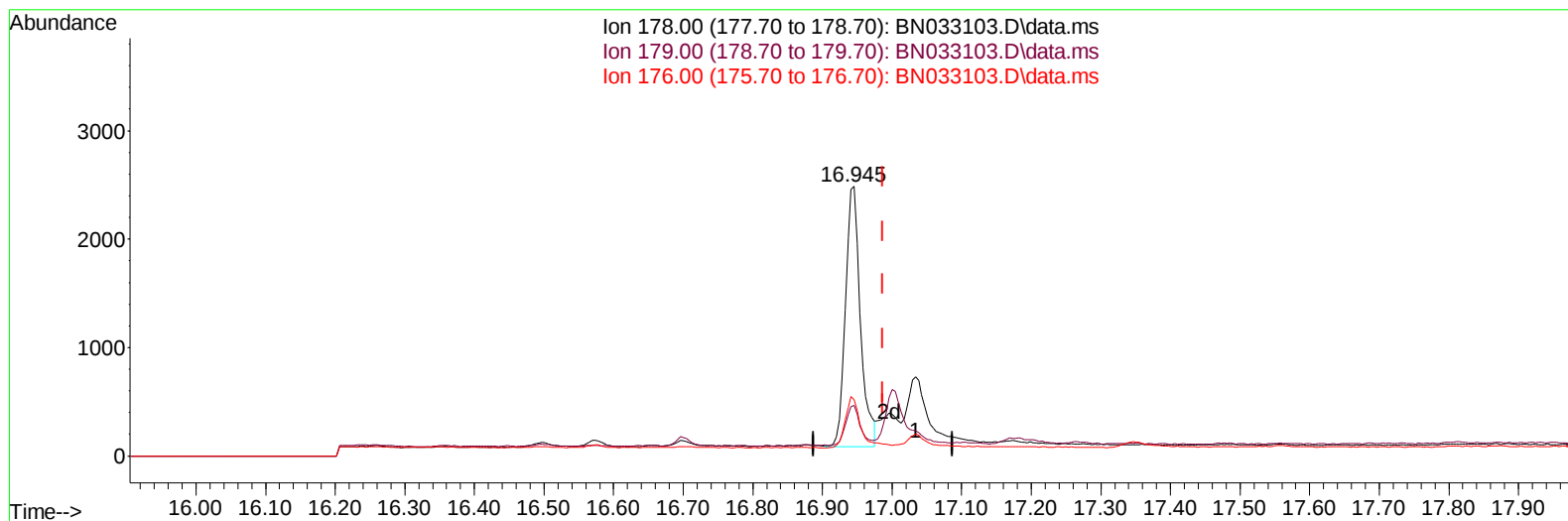
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033103.D
Acq On : 30 Jul 2024 13:14
Operator : MA/JU
Sample : P3336-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E32

Manual IntegrationsAPPROVED

Quant Time: Jul 30 13:40:29 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 : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033103.D\data.ms

(15) Phenanthrene

16.945min (-0.042) 0.17 ng/ul m

response 3568

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.10	18.70
176.00	19.90	20.84
0.00	0.00	0.00

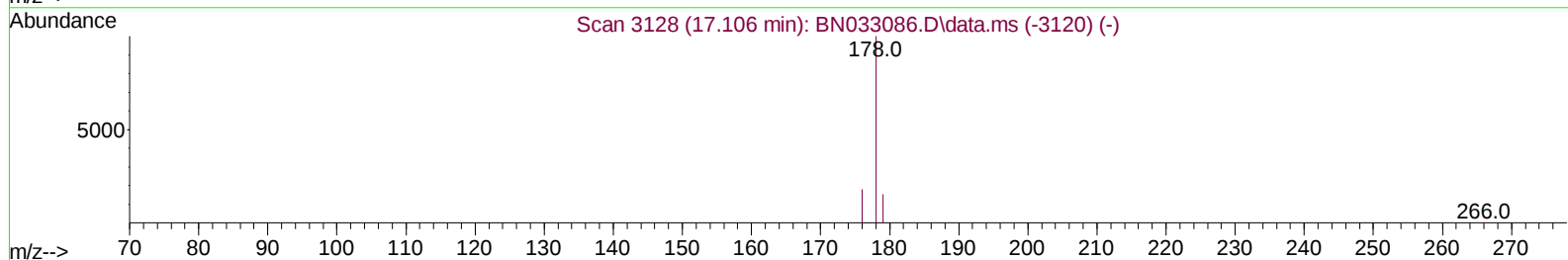
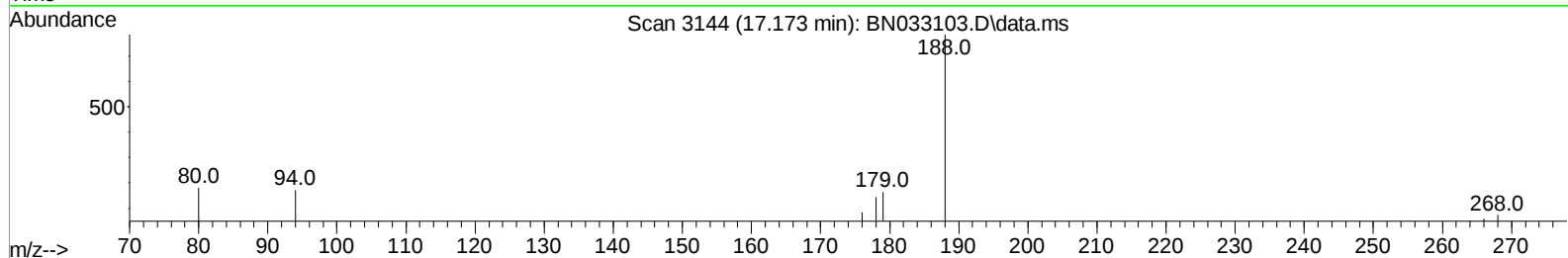
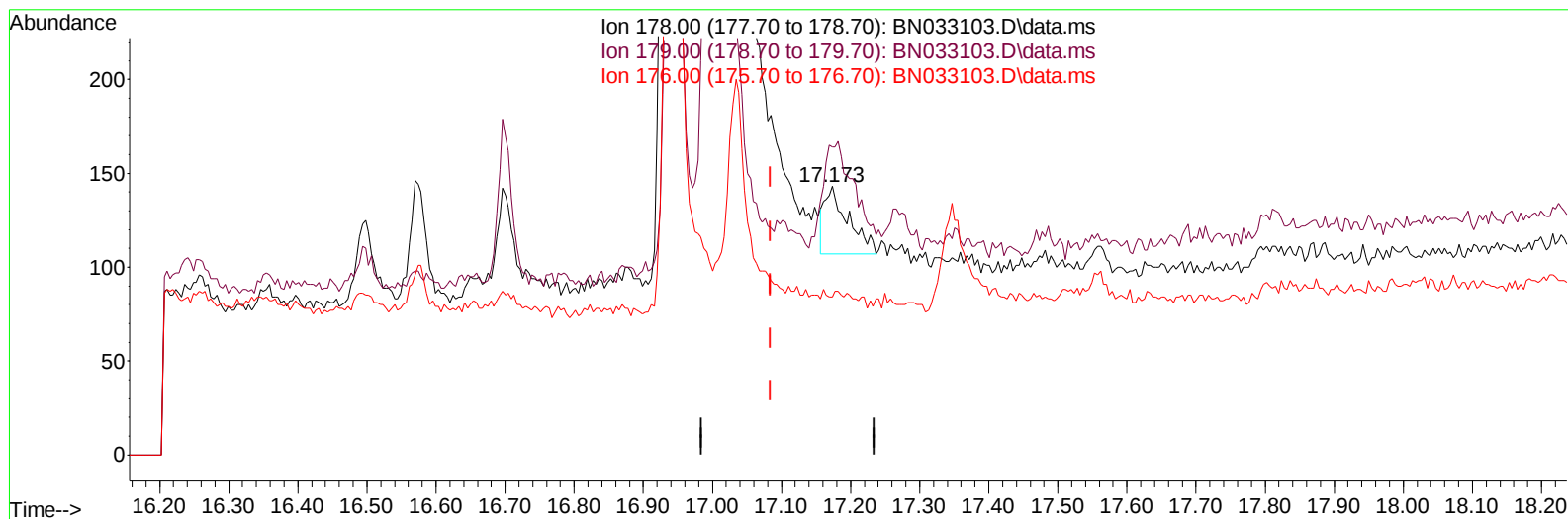
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033103.D
Acq On : 30 Jul 2024 13:14
Operator : MA/JU
Sample : P3336-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E32

Manual IntegrationsAPPROVED

Quant Time: Jul 30 13:40:29 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 : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033103.D\data.ms

(16) Anthracene

17.173min (+ 0.089) 0.00 ng/u1

response 86

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.90	114.69#
176.00	19.80	58.74#
0.00	0.00	0.00

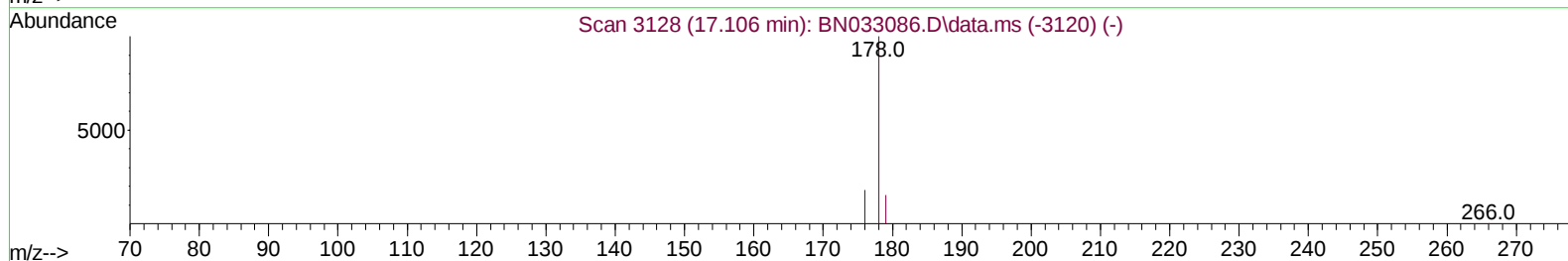
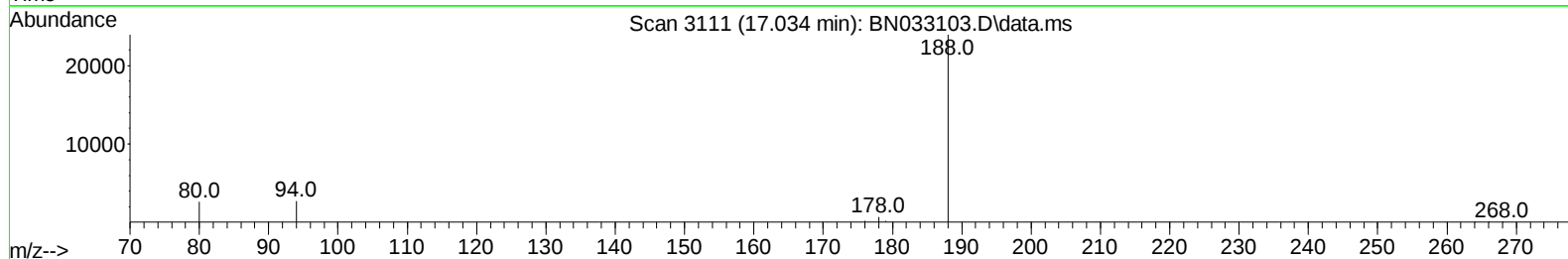
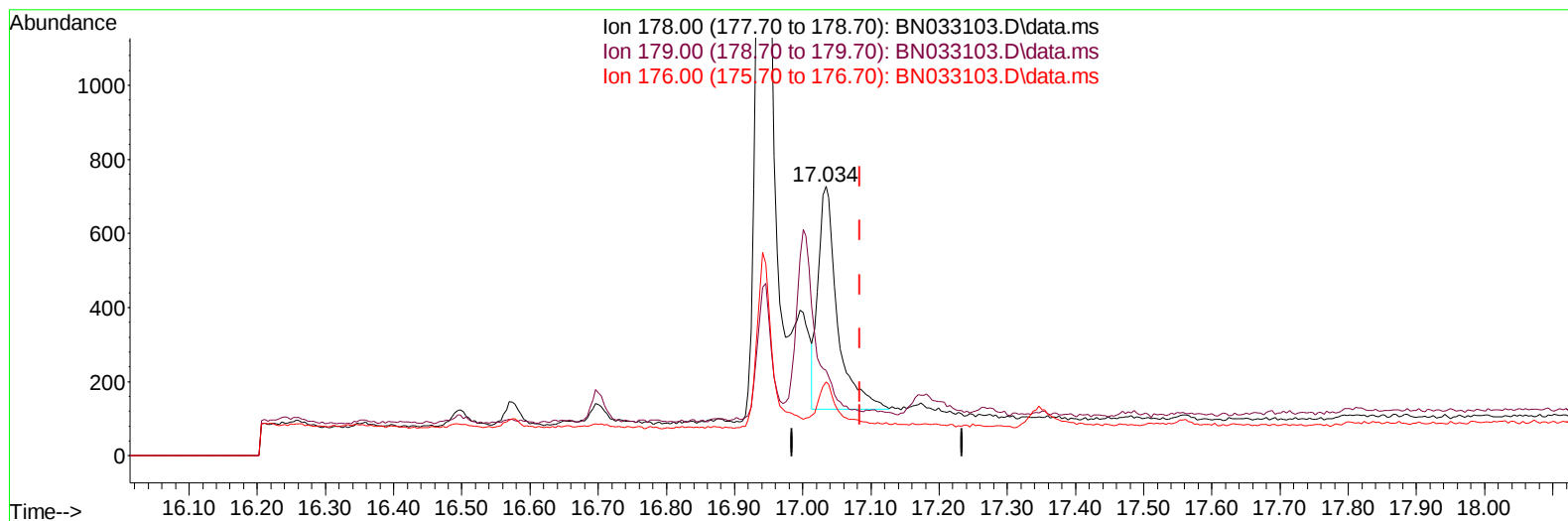
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033103.D
Acq On : 30 Jul 2024 13:14
Operator : MA/JU
Sample : P3336-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E32

Manual IntegrationsAPPROVED

Quant Time: Jul 30 13:40:29 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 : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033103.D\data.ms

(16) Anthracene

17.034min (-0.050) 0.06 ng/ul m

response 1186

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.90	31.64#
176.00	19.80	27.51#
0.00	0.00	0.00

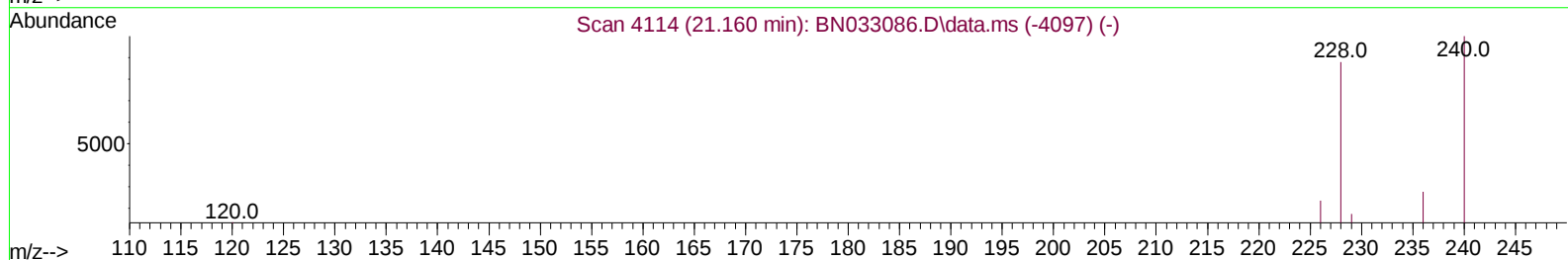
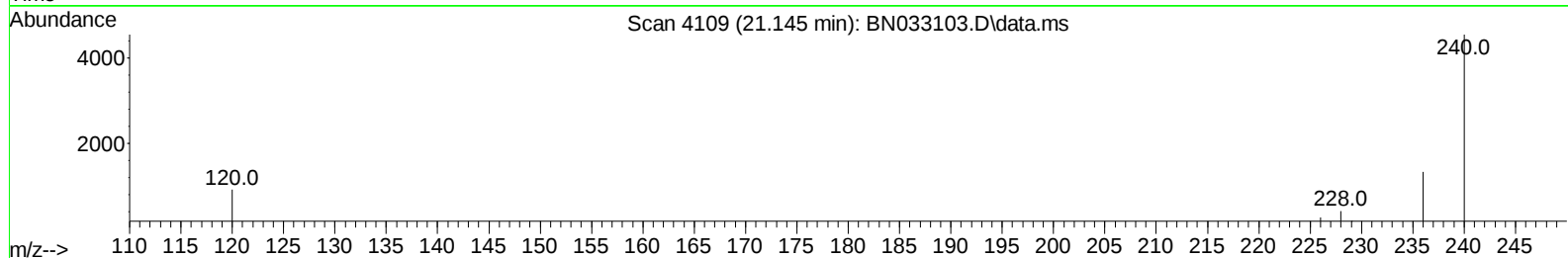
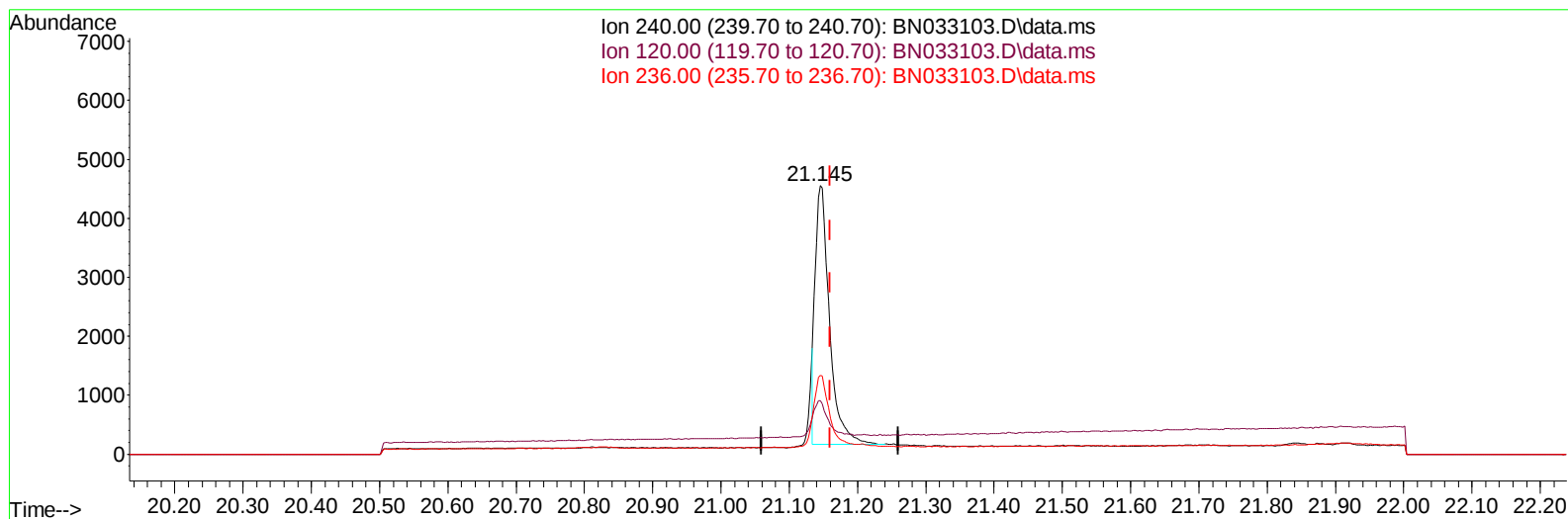
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033103.D
Acq On : 30 Jul 2024 13:14
Operator : MA/JU
Sample : P3336-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E32

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

Quant Time: Jul 30 13:40:29 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 : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration



TIC: BN033103.D\data.ms

(17) Chrysene-d12

21.145min (-0.014) 0.40 ng/u1

response 6314

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	21.40	20.02
236.00	29.50	29.33
0.00	0.00	0.00

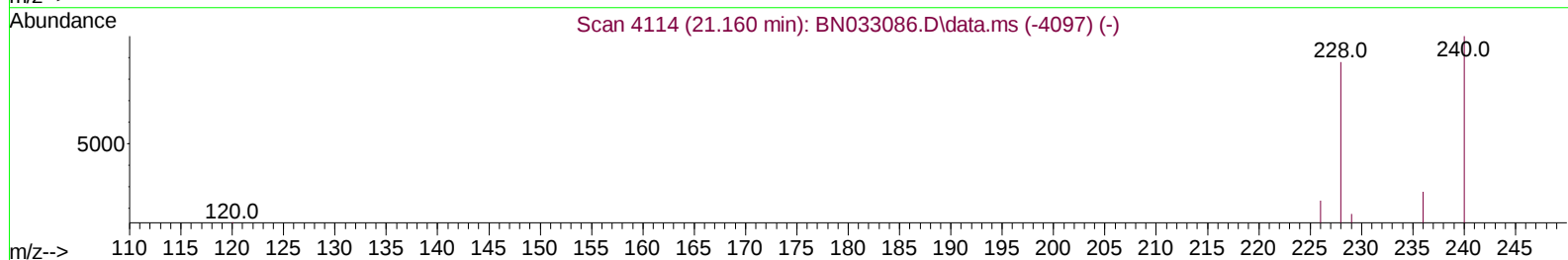
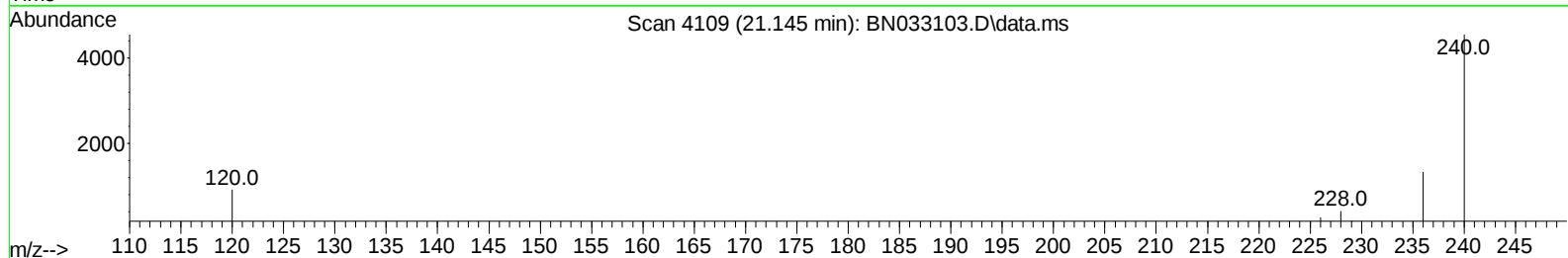
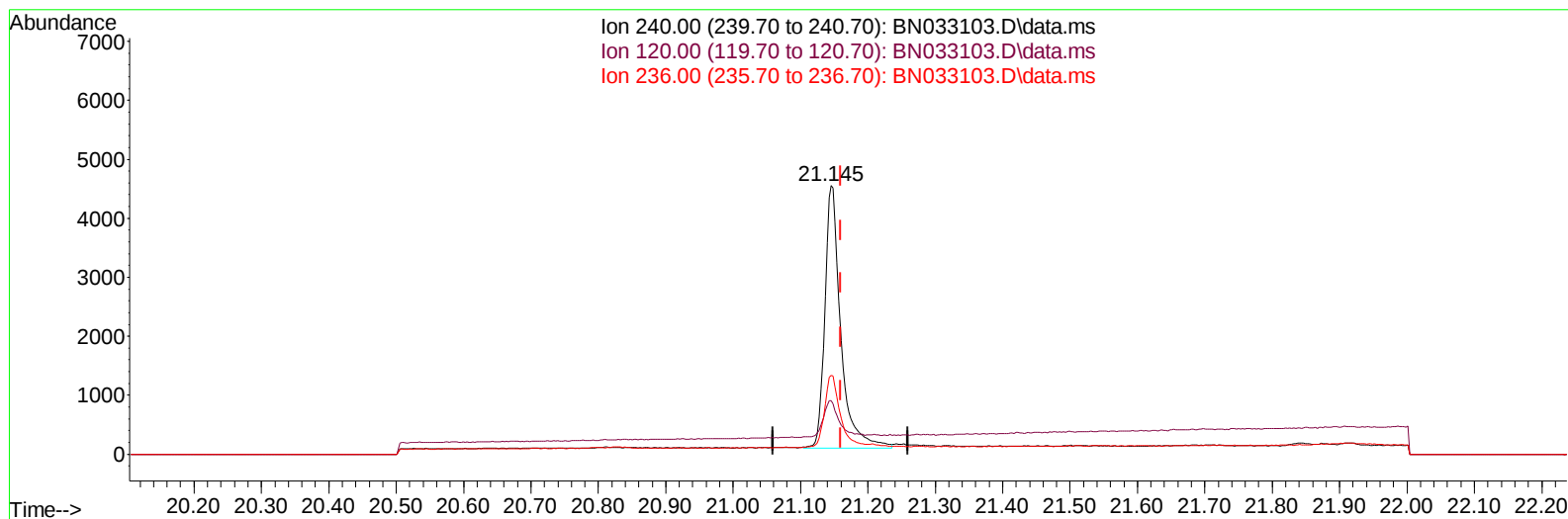
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033103.D
Acq On : 30 Jul 2024 13:14
Operator : MA/JU
Sample : P3336-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E32

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

Quant Time: Jul 30 13:40:29 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 : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration



TIC: BN033103.D\data.ms

(17) Chrysene-d12

21.145min (-0.014) 0.40 ng/ul m

response 7367

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	21.40	20.02
236.00	29.50	29.33
0.00	0.00	0.00

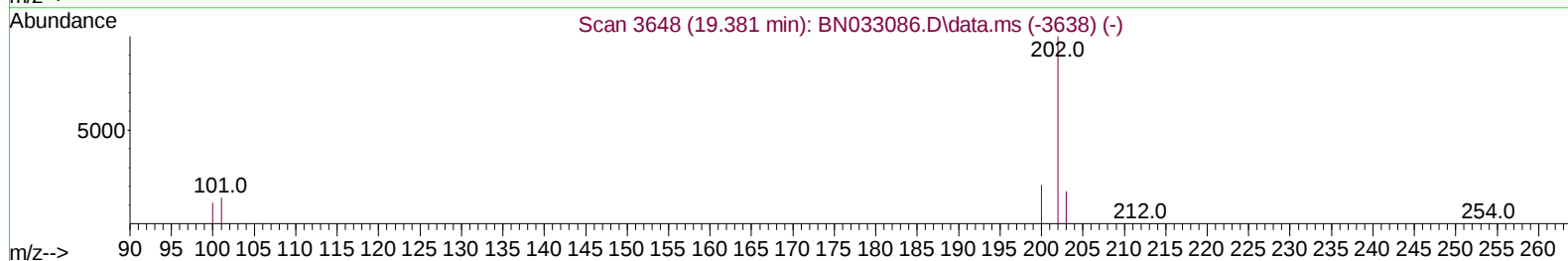
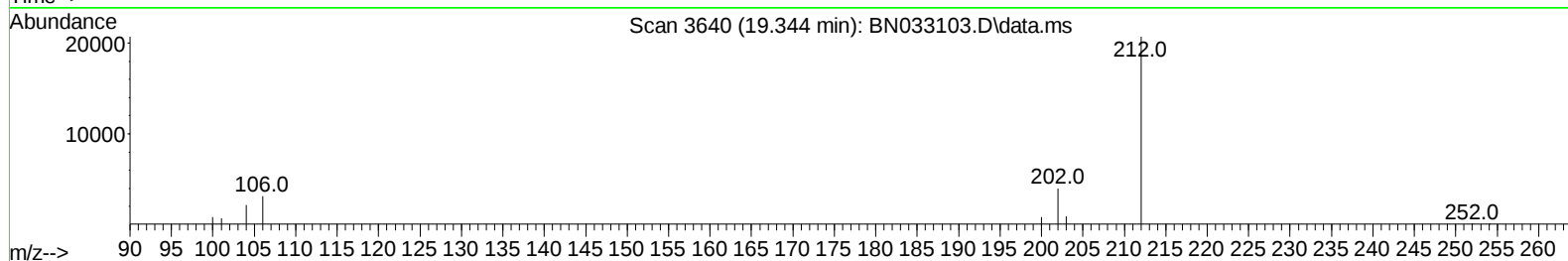
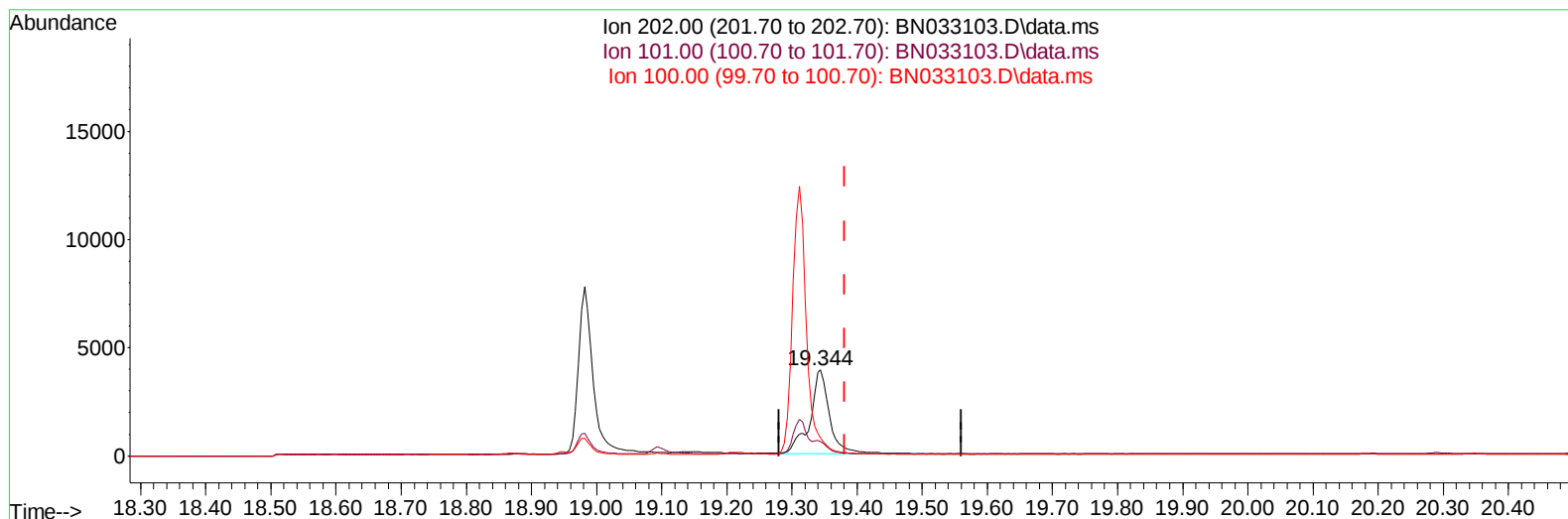
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033103.D
Acq On : 30 Jul 2024 13:14
Operator : MA/JU
Sample : P3336-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E32

Manual IntegrationsAPPROVED

Quant Time: Jul 30 13:40:29 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 : Mon Jul 29 23:04:40 2024
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TIC: BN033103.D\data.ms

(20) Pyrene

19.344min (-0.037) 0.31 ng/u1

response 8042

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	15.70	16.96
100.00	12.40	21.01#
0.00	0.00	0.00

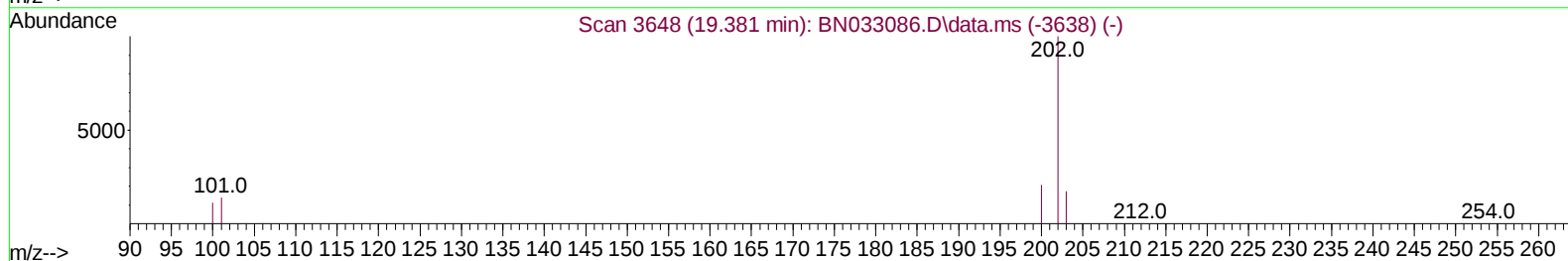
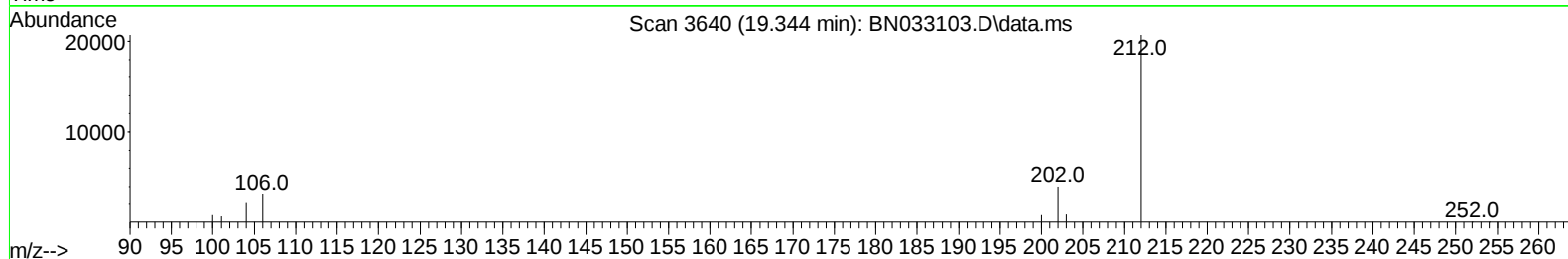
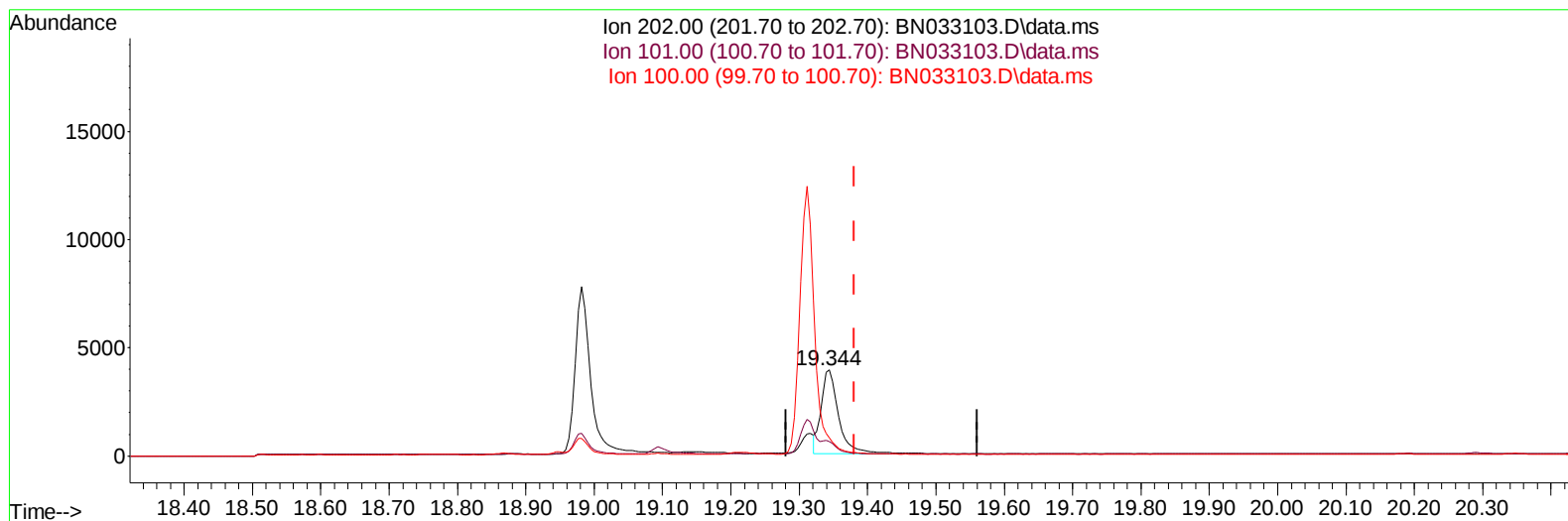
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033103.D
Acq On : 30 Jul 2024 13:14
Operator : MA/JU
Sample : P3336-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E32

Manual IntegrationsAPPROVED

Quant Time: Jul 30 13:40:29 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 : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033103.D\data.ms

(20) Pyrene

19.344min (-0.037) 0.26 ng/ul m

response 6828

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	15.70	16.96
100.00	12.40	21.01#
0.00	0.00	0.00

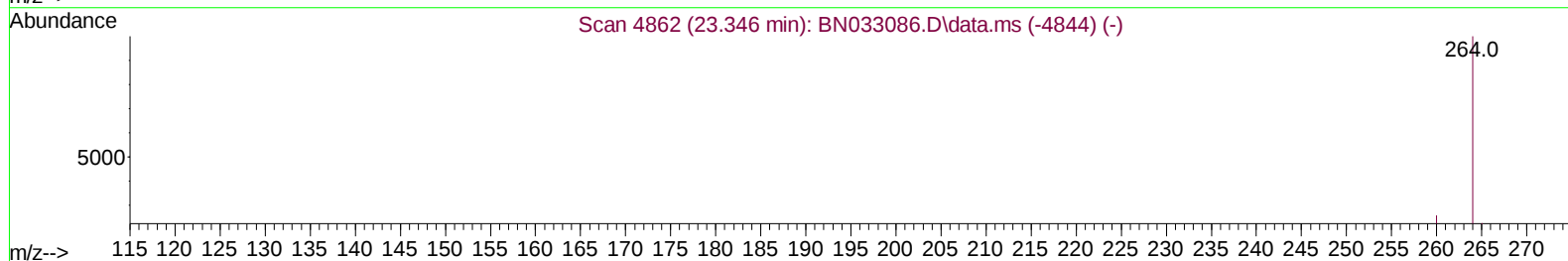
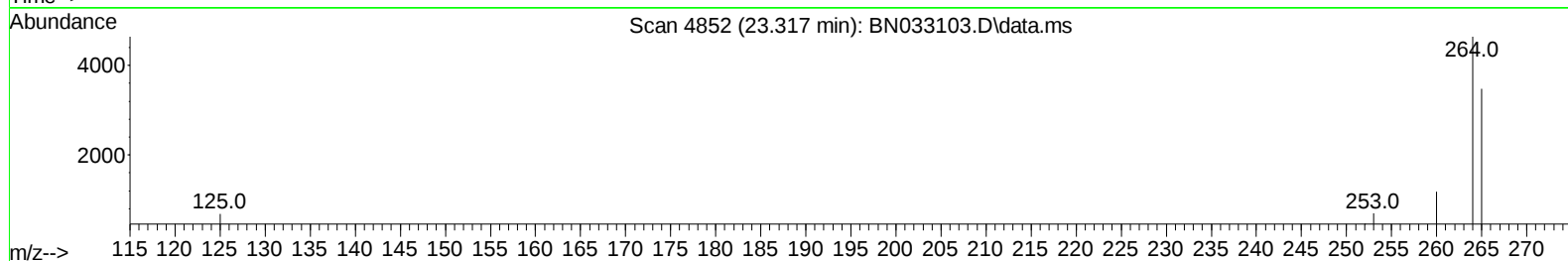
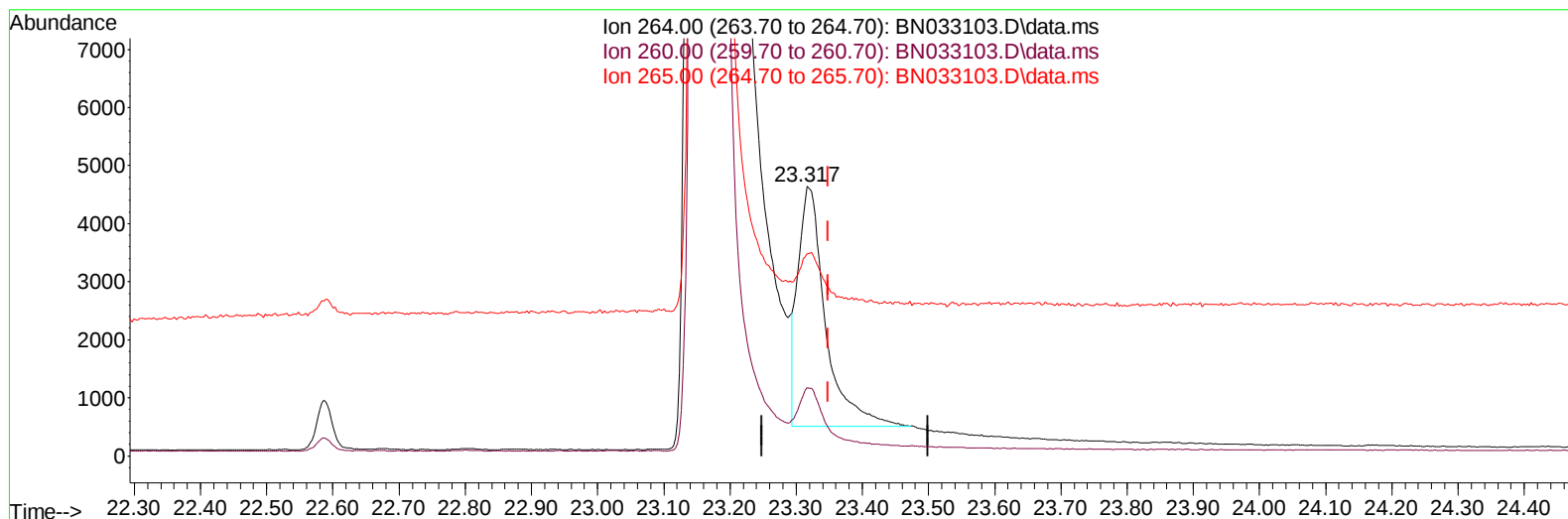
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033103.D
Acq On : 30 Jul 2024 13:14
Operator : MA/JU
Sample : P3336-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E32

Manual IntegrationsAPPROVED

Quant Time: Jul 30 13:40:29 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 : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033103.D\data.ms

(23) Perylene-d12 (I)

23.317min (-0.032) 0.40 ng/u1

response 11848

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.50	25.43
265.00	80.60	75.02
0.00	0.00	0.00

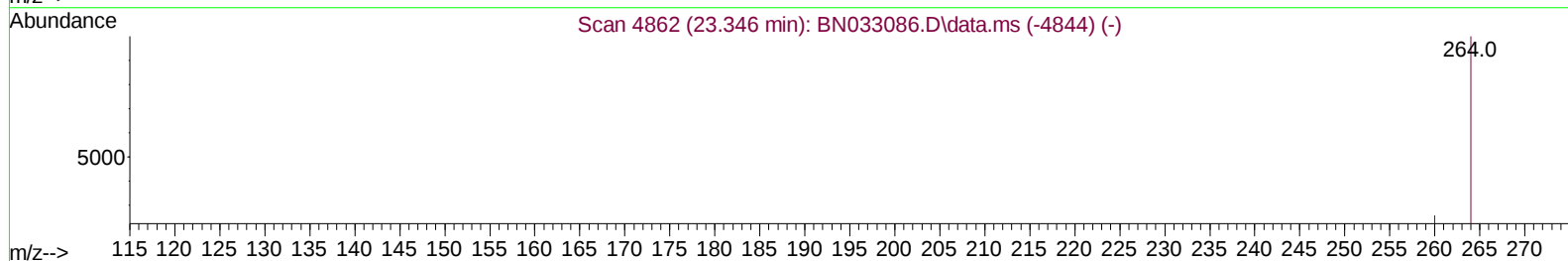
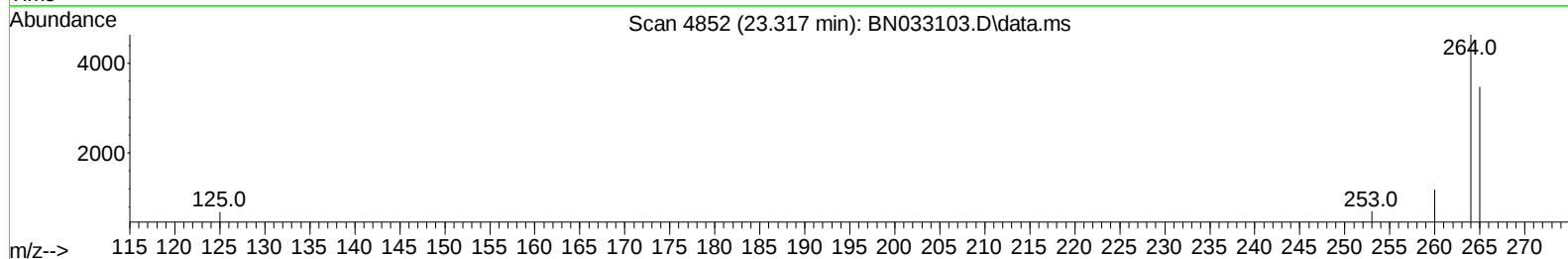
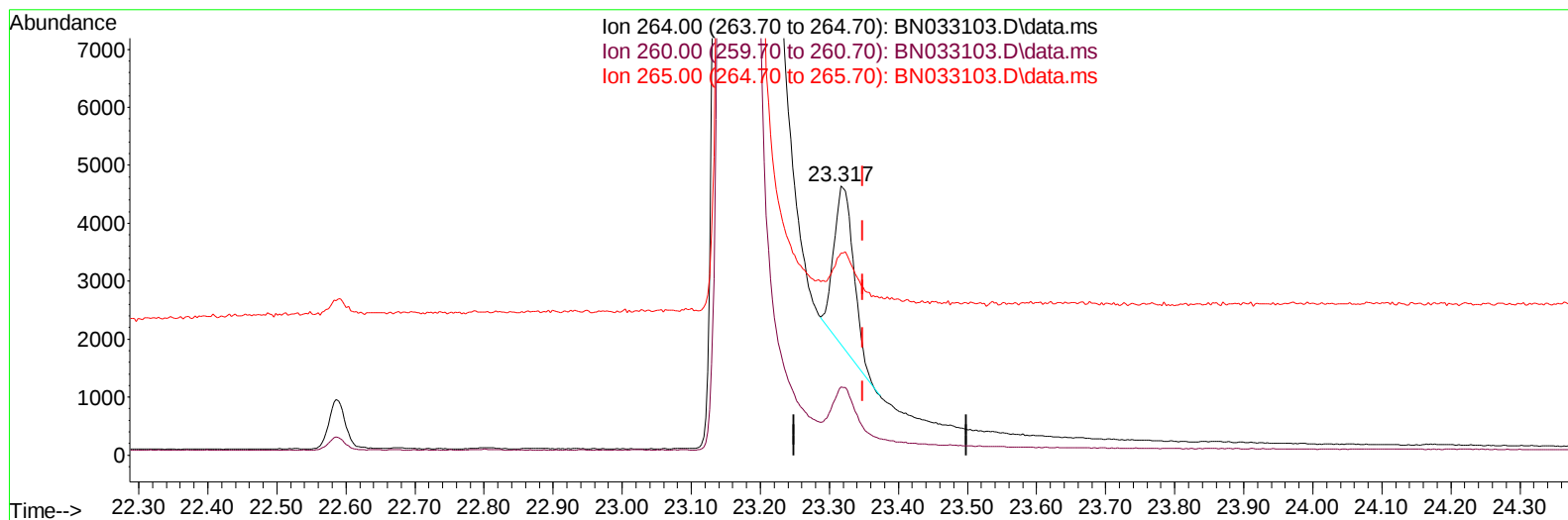
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033103.D
Acq On : 30 Jul 2024 13:14
Operator : MA/JU
Sample : P3336-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E32

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

Quant Time: Jul 30 13:40:29 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 : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration



TIC: BN033103.D\data.ms

(23) Perylene-d12 (I)

23.317min (-0.032) 0.40 ng/ul m

response 5454

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.50	25.43
265.00	80.60	75.02
0.00	0.00	0.00

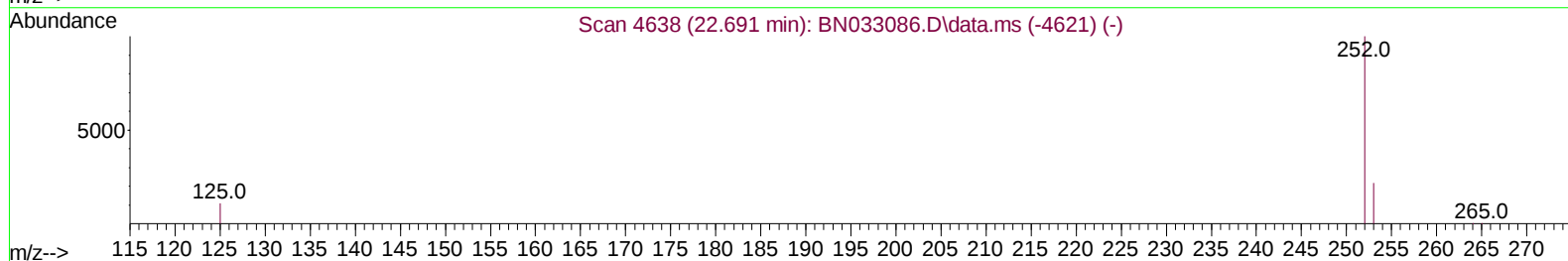
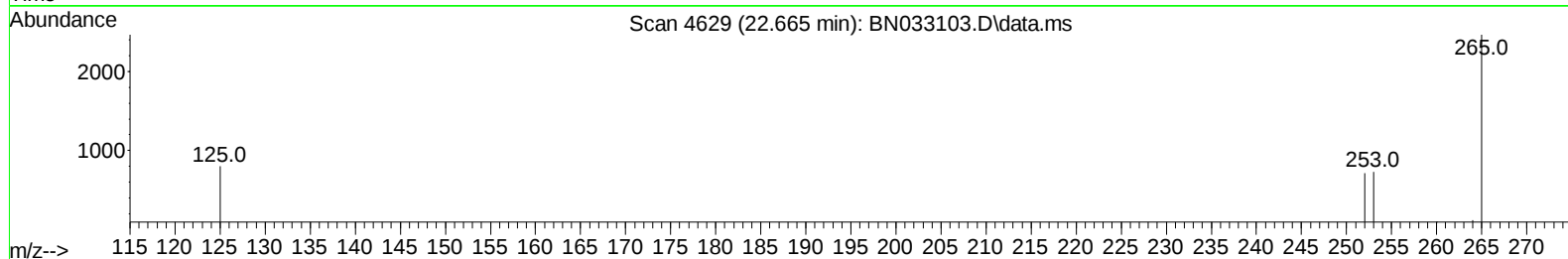
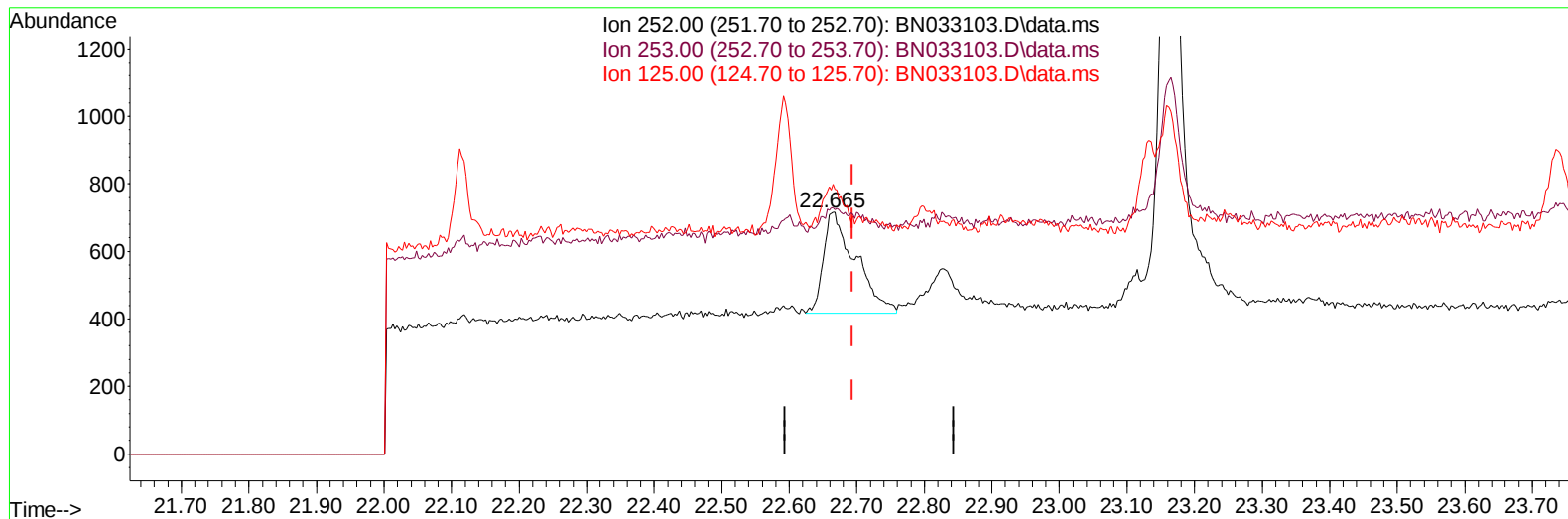
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033103.D
Acq On : 30 Jul 2024 13:14
Operator : MA/JU
Sample : P3336-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E32

Manual IntegrationsAPPROVED

Quant Time: Jul 30 13:40:29 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 : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033103.D\data.ms

(24) Benzo(b)fluoranthene

22.665min (-0.029) 0.06 ng/u1

response 990

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.30	102.10#
125.00	25.50	111.61#
0.00	0.00	0.00

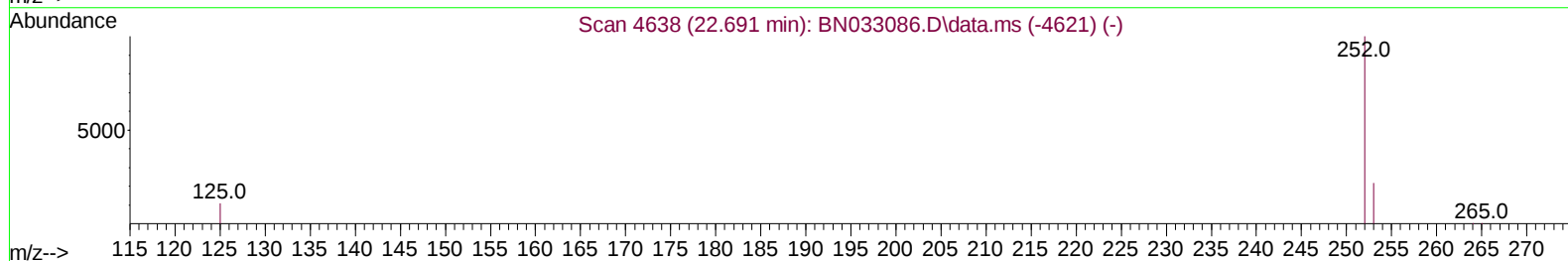
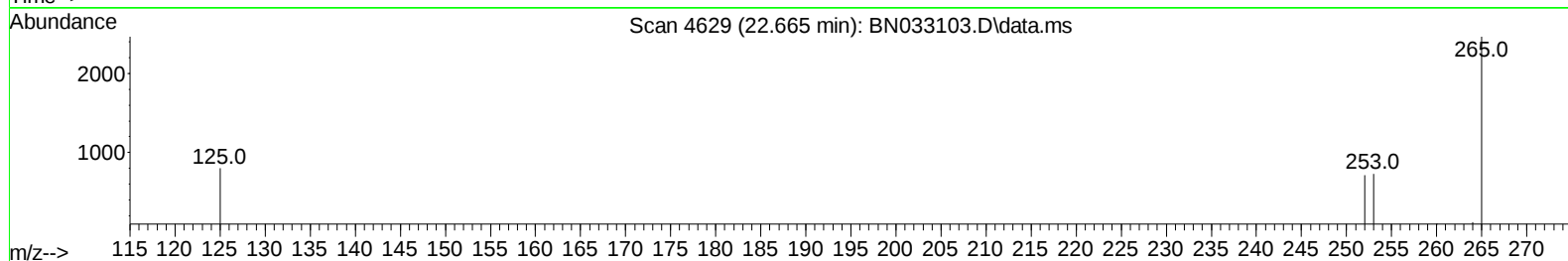
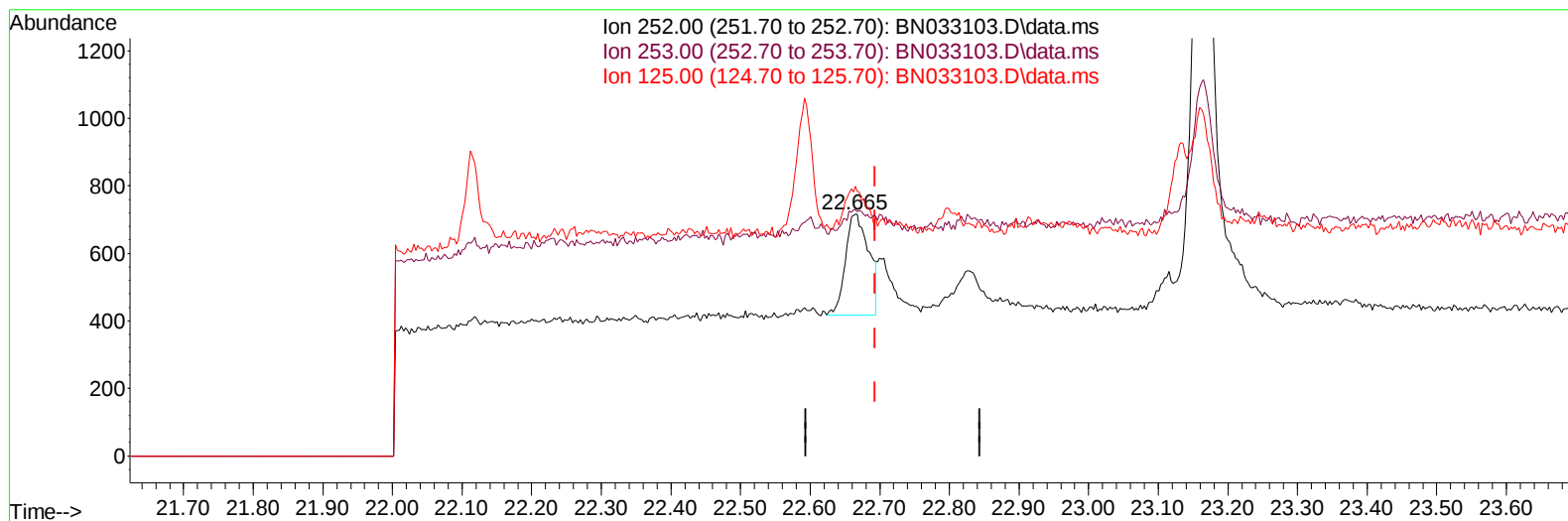
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033103.D
Acq On : 30 Jul 2024 13:14
Operator : MA/JU
Sample : P3336-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E32

Manual IntegrationsAPPROVED

Quant Time: Jul 30 13:40:29 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 : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033103.D\data.ms

(24) Benzo(b)fluoranthene

22.665min (-0.029) 0.04 ng/u1 m

response 698

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.30	102.10#
125.00	25.50	111.61#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033103.D
 Acq On : 30 Jul 2024 13:14
 Operator : MA/JU
 Sample : P3336-07
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7E32

Manual IntegrationsAPPROVED

Quant Time: Jul 30 13:40:29 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 : Mon Jul 29 23:04:40 2024
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.495	152		1432	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.251	136		5407	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.139	164		3439	0.400	ng/ul	#-0.03
13) Phenanthrene-d10	16.903	188		7960m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.145	240		7367m	0.400	ng/ul	-0.01
23) Perylene-d12	23.317	264		5454m	0.400	ng/ul	-0.03
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.052	96		11983	6.615	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.873	152		3621	0.410	ng/ul	-0.04
18) Fluoranthene-d10	18.949	212		9624	0.461	ng/ul	-0.03
Target Compounds							Qvalue
10) Acenaphthylene	13.852	152		1065	0.076	ng/ul#	73
11) Acenaphthene	14.203	153		697	0.066	ng/ul	94
12) Fluorene	15.198	166		2072	0.168	ng/ul	98
15) Phenanthrene	16.945	178		3568m	0.167	ng/ul	
16) Anthracene	17.034	178		1186m	0.062	ng/ul	
19) Fluoranthene	18.981	202		12427	0.512	ng/ul	100
20) Pyrene	19.344	202		6828m	0.262	ng/ul	
21) Benzo(a)anthracene	21.134	228		948	0.038	ng/ul#	72
22) Chrysene	21.183	228		1005	0.034	ng/ul#	76
24) Benzo(b)fluoranthene	22.665	252		698m	0.044	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033103.D
Acq On : 30 Jul 2024 13:14
Operator : MA/JU
Sample : P3336-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F7E32

Manual IntegrationsAPPROVED

Quant Time: Jul 30 13:40:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
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