

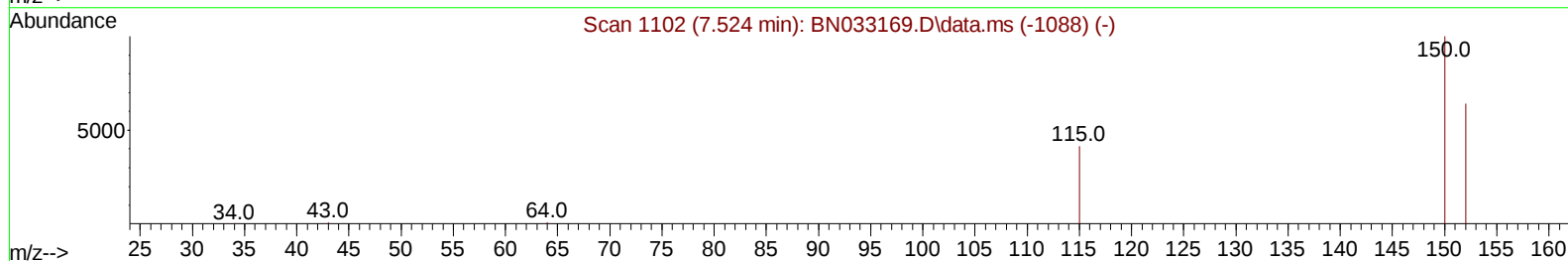
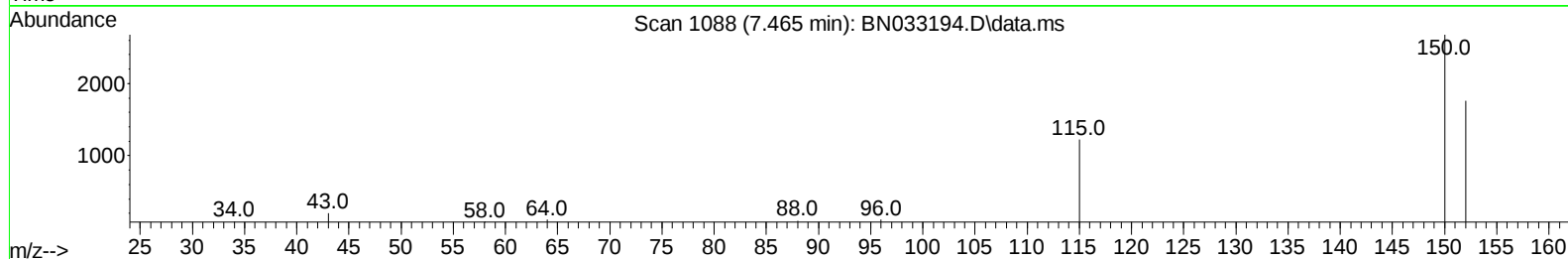
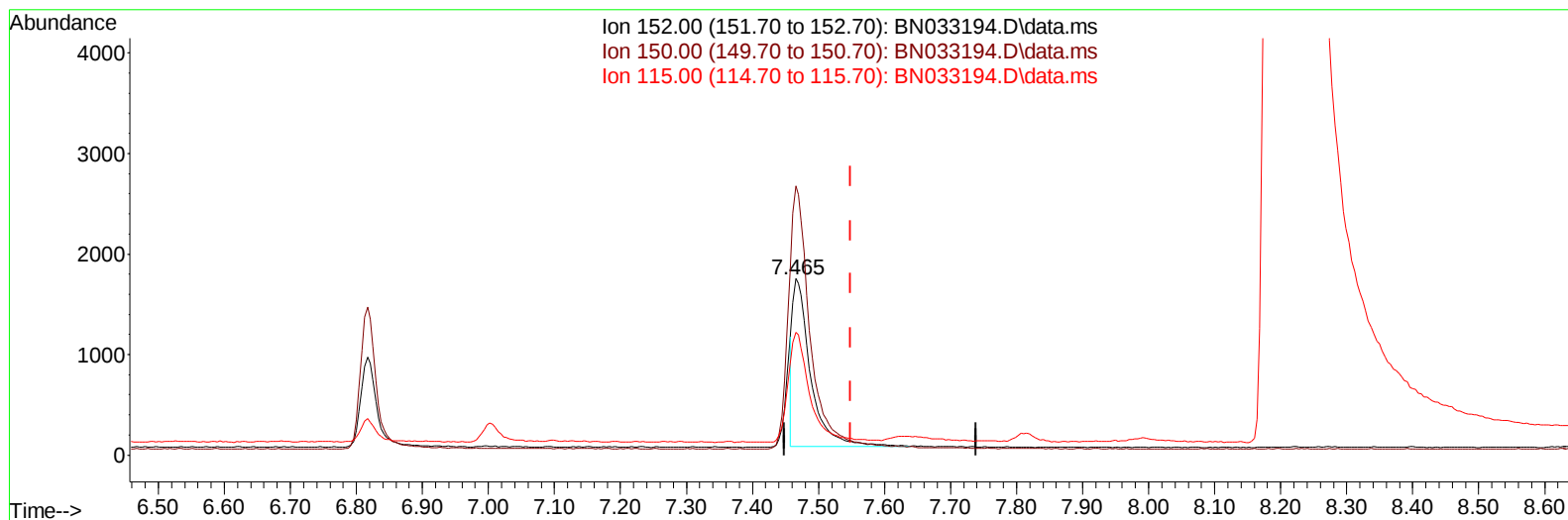
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033194.D
Acq On : 02 Aug 2024 08:10
Operator : MA/JU
Sample : P3378-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY3

Manual IntegrationsAPPROVED

Quant Time: Aug 02 08:35:32 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 :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033194.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.465min (-0.084) 0.40 ng/u1

response 3134

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	143.10	152.31
115.00	84.50	69.61
0.00	0.00	0.00

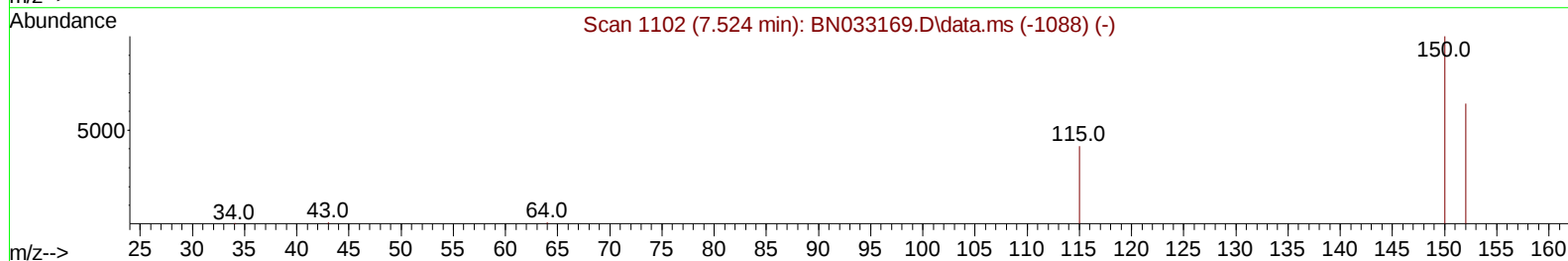
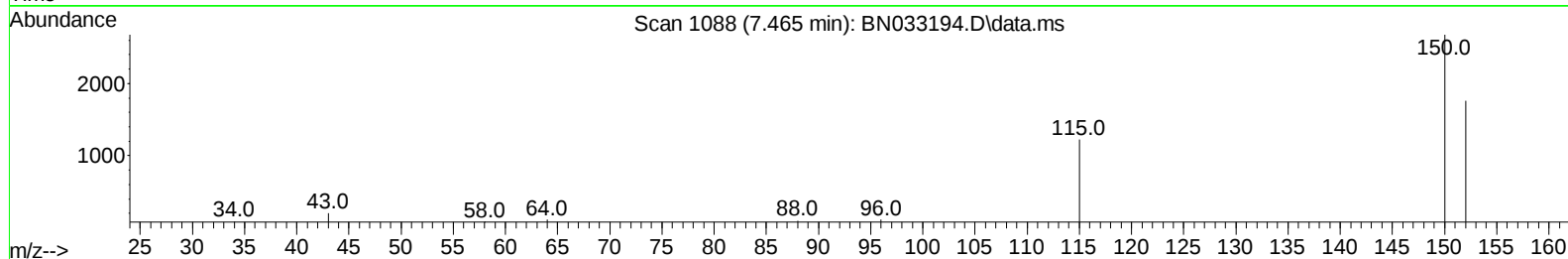
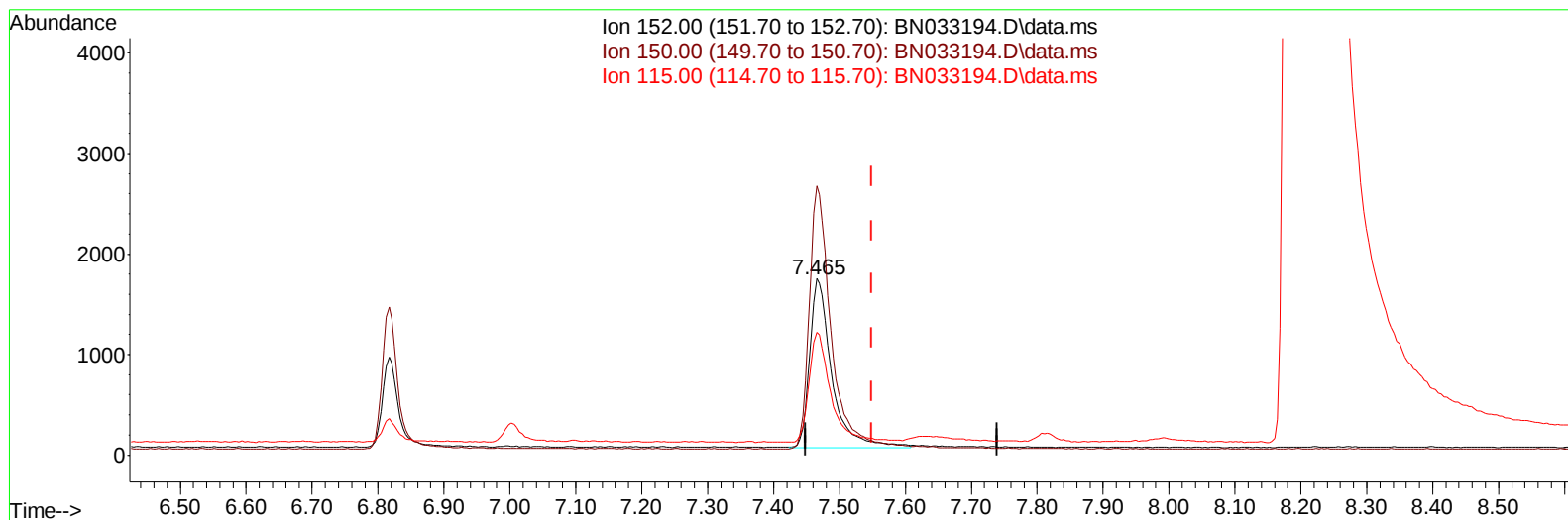
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033194.D
Acq On : 02 Aug 2024 08:10
Operator : MA/JU
Sample : P3378-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY3

Manual IntegrationsAPPROVED

Quant Time: Aug 02 08:35:32 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 :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033194.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.465min (-0.084) 0.40 ng/ul m

response 3905

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	143.10	152.31
115.00	84.50	69.61
0.00	0.00	0.00

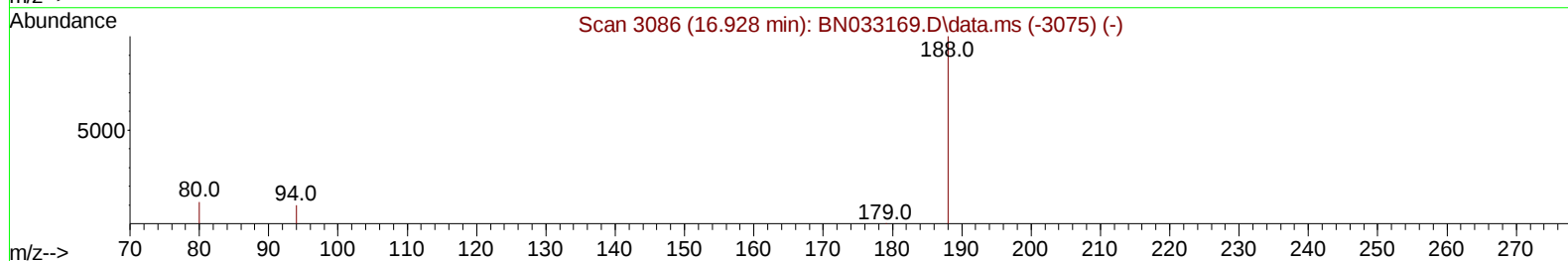
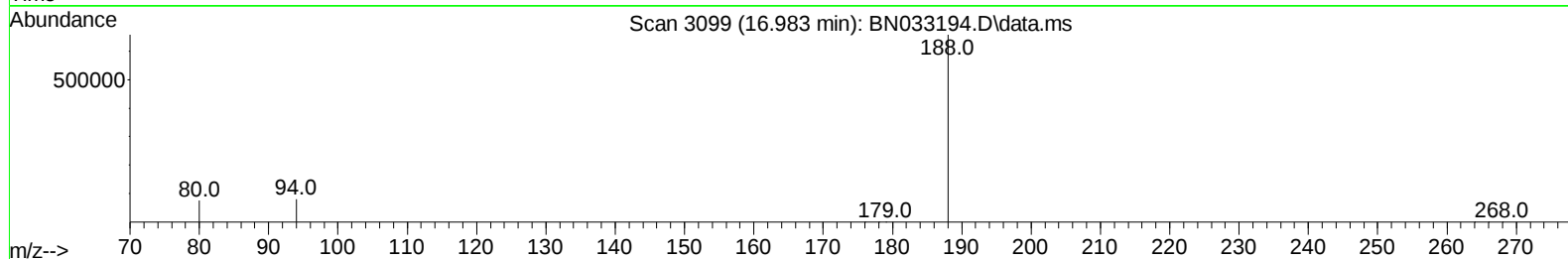
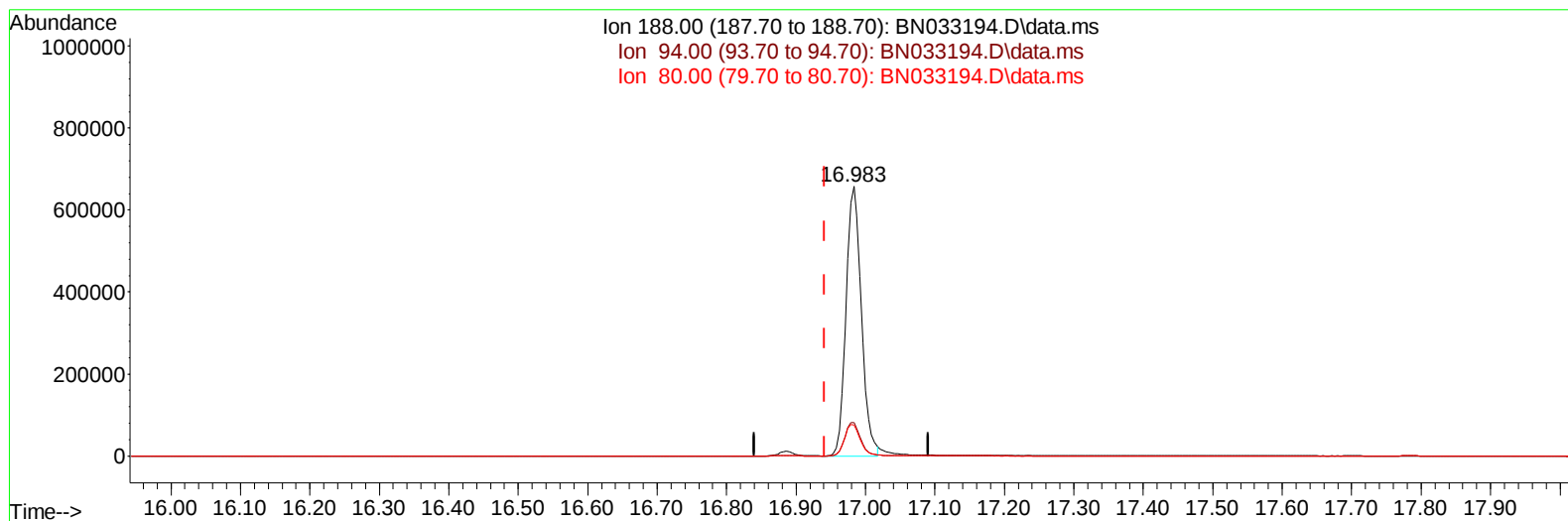
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033194.D
Acq On : 02 Aug 2024 08:10
Operator : MA/JU
Sample : P3378-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY3

Manual IntegrationsAPPROVED

Quant Time: Aug 02 08:35:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
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TIC: BN033194.D\data.ms

(13) Phenanthrene-d10 (I)

16.983min (+ 0.042) 0.40 ng/u1

response 1002396

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	12.35
80.00	13.10	11.53
0.00	0.00	0.00

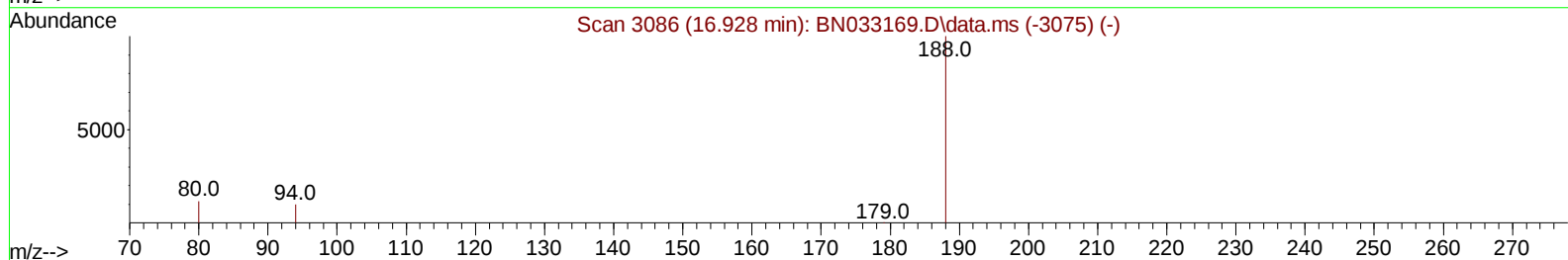
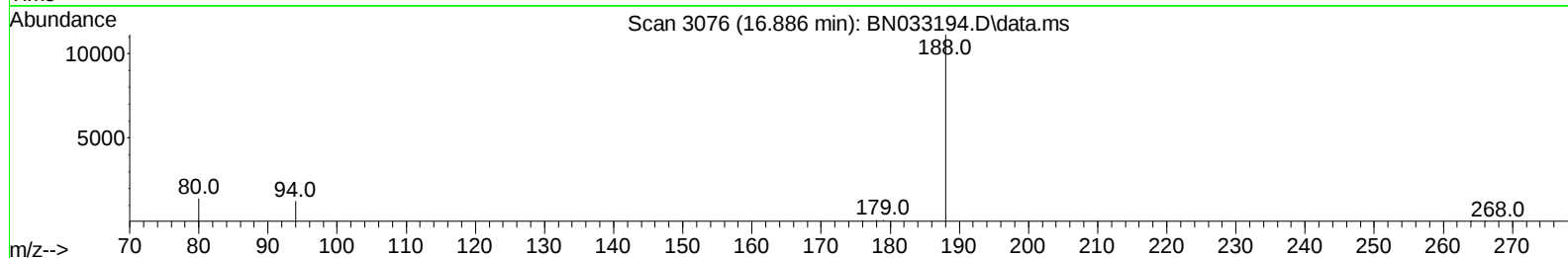
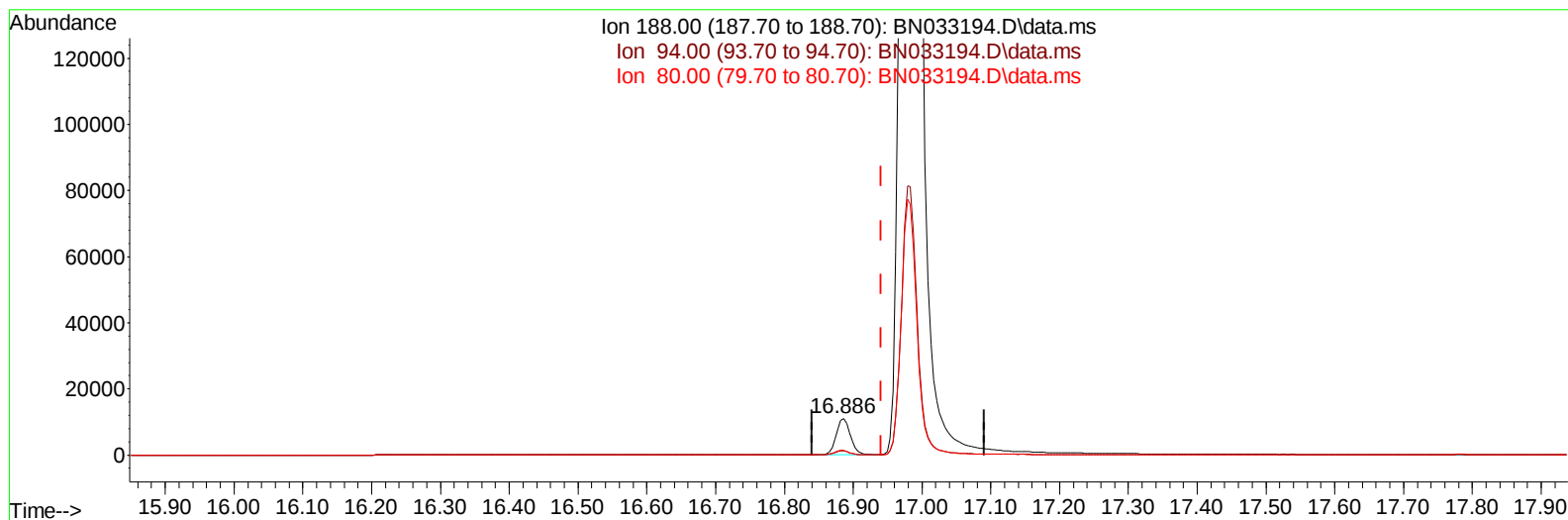
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033194.D
Acq On : 02 Aug 2024 08:10
Operator : MA/JU
Sample : P3378-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY3

Manual IntegrationsAPPROVED

Quant Time: Aug 02 08:35:32 2024
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QLast Update : Tue Jul 30 14:49:49 2024
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Supervised By :mohammad ahmed 08/03/2024



TIC: BN033194.D\data.ms

(13) Phenanthrene-d10 (I)

16.886min (-0.055) 0.40 ng/u1 m

response 15927

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	11.26
80.00	13.10	12.64
0.00	0.00	0.00

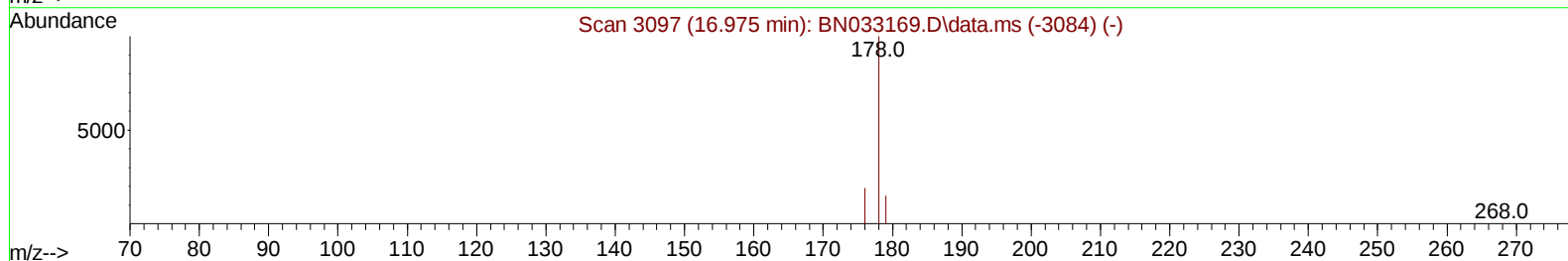
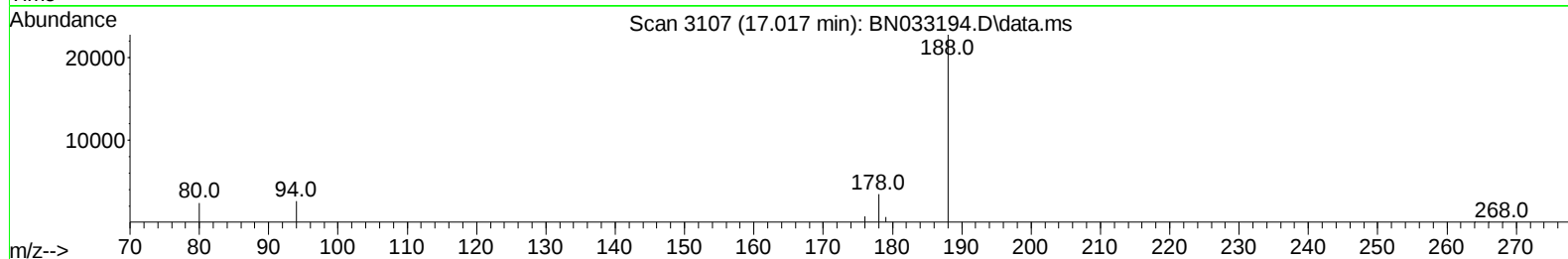
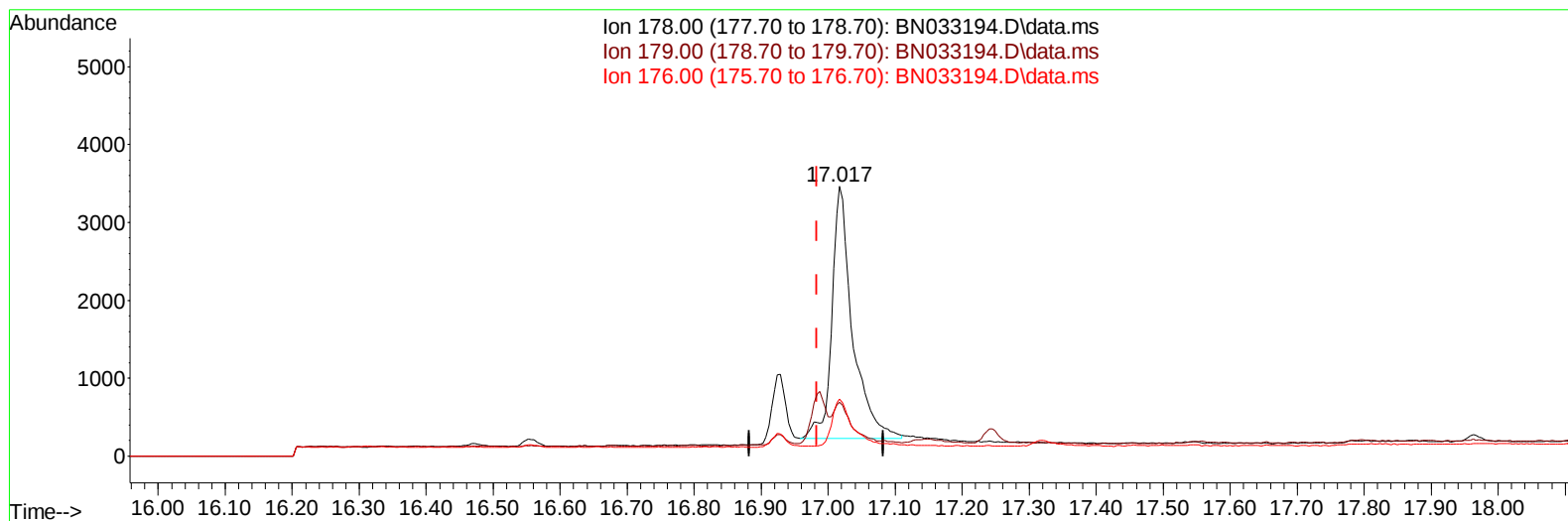
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033194.D
Acq On : 02 Aug 2024 08:10
Operator : MA/JU
Sample : P3378-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY3

Manual IntegrationsAPPROVED

Quant Time: Aug 02 08:35:32 2024
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TIC: BN033194.D\data.ms

(15) Phenanthrene

17.017min (+ 0.034) 0.16 ng/u1

response 6926

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.10	19.93
176.00	19.90	21.17
0.00	0.00	0.00

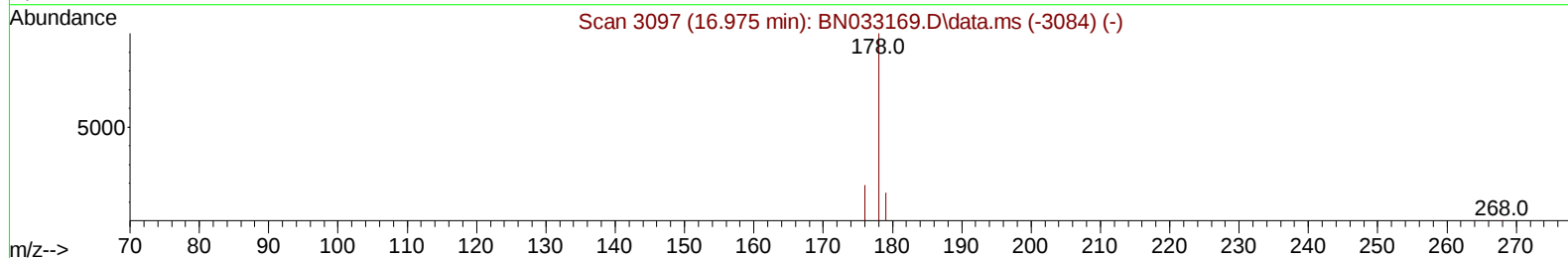
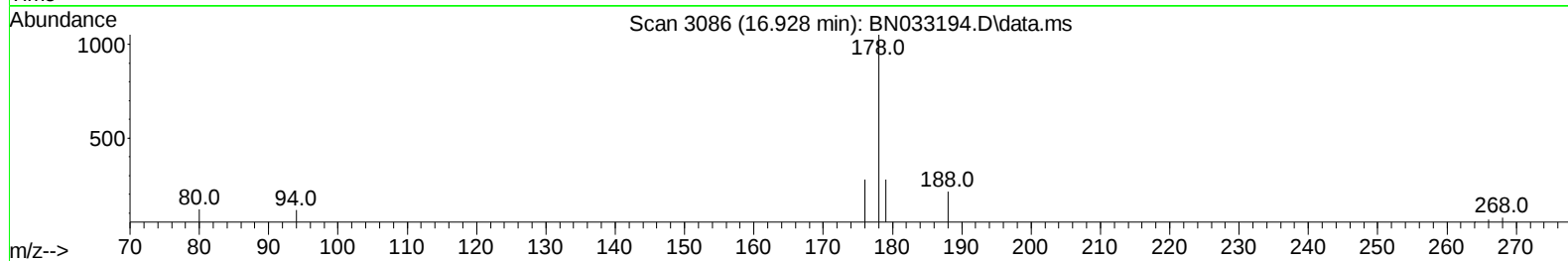
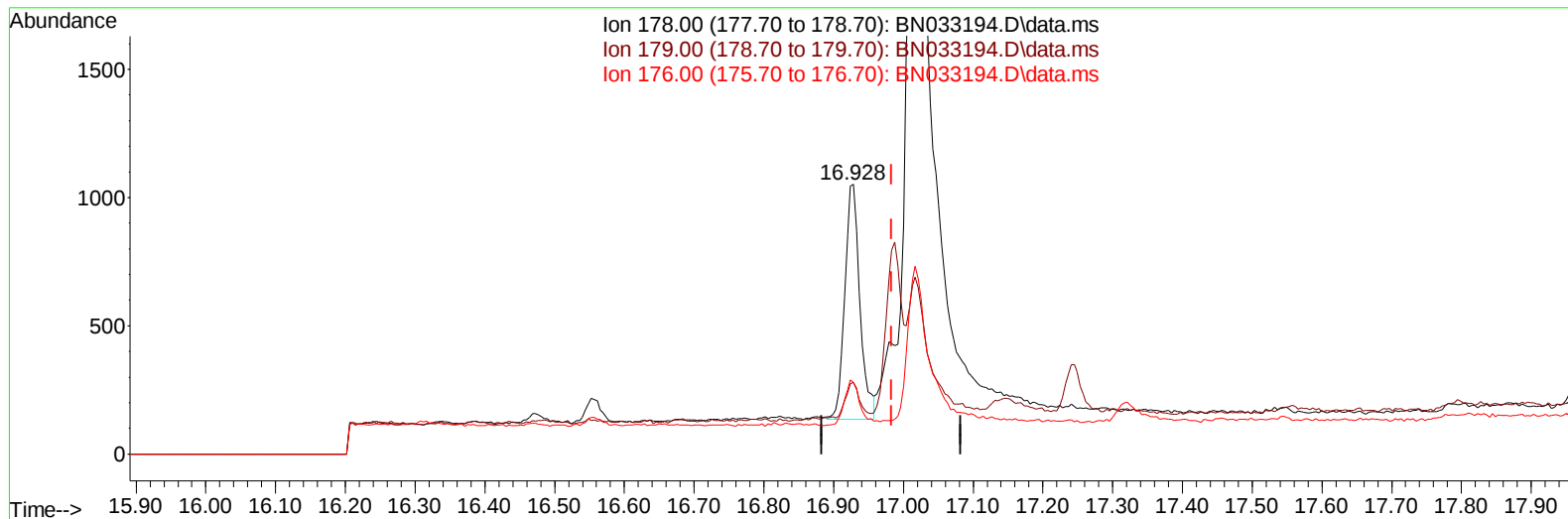
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033194.D
Acq On : 02 Aug 2024 08:10
Operator : MA/JU
Sample : P3378-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY3

Manual IntegrationsAPPROVED

Quant Time: Aug 02 08:35:32 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 :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033194.D\data.ms

(15) Phenanthrene

16.928min (-0.055) 0.03 ng/u1 m

response 1377

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.10	26.45#
176.00	19.90	26.64#
0.00	0.00	0.00

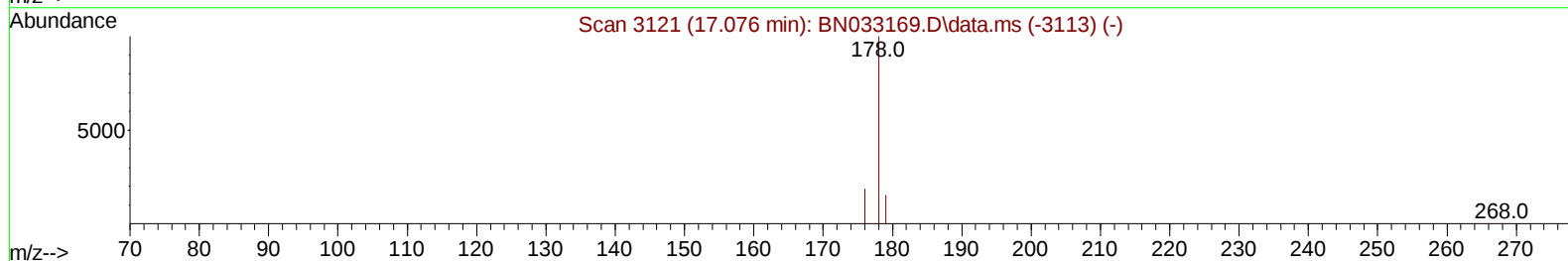
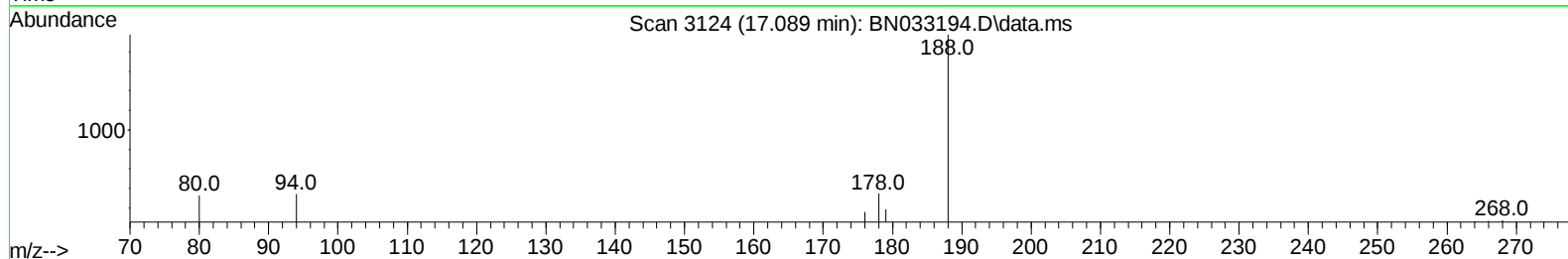
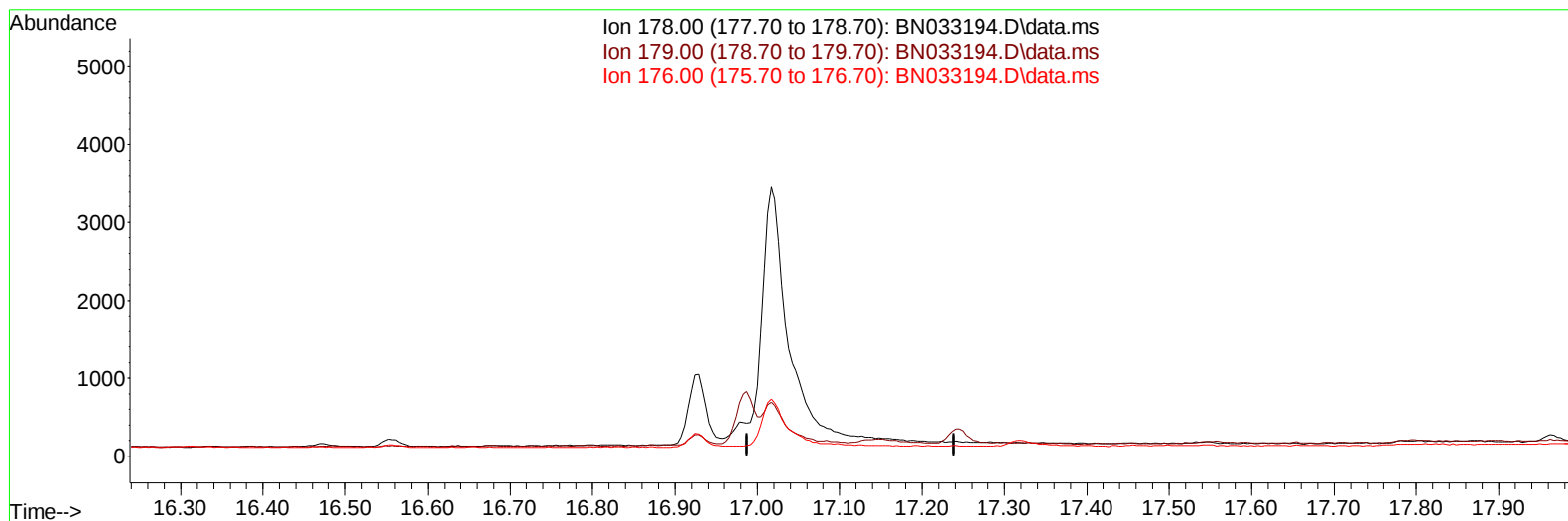
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033194.D
Acq On : 02 Aug 2024 08:10
Operator : MA/JU
Sample : P3378-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY3

Manual IntegrationsAPPROVED

Quant Time: Aug 02 08:35:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
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Response via : Initial Calibration

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TIC: BN033194.D\data.ms

(16) Anthracene

17.089min (-17.089) 0.00 ng/u1

response 0

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

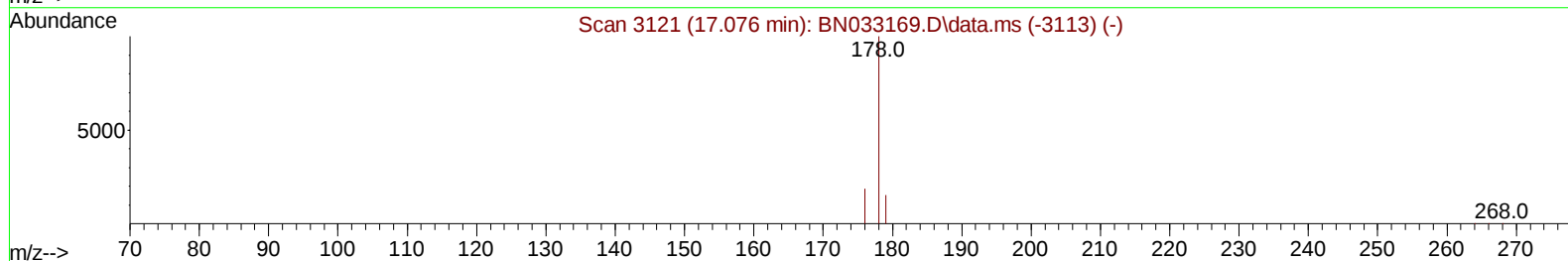
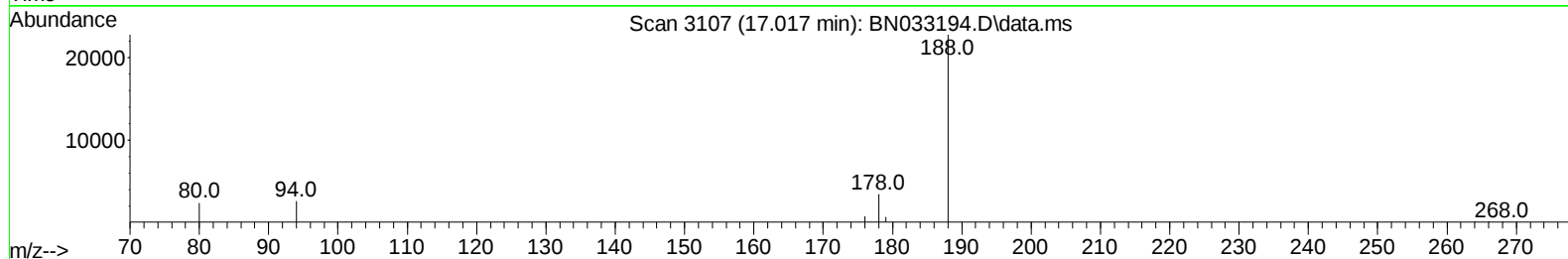
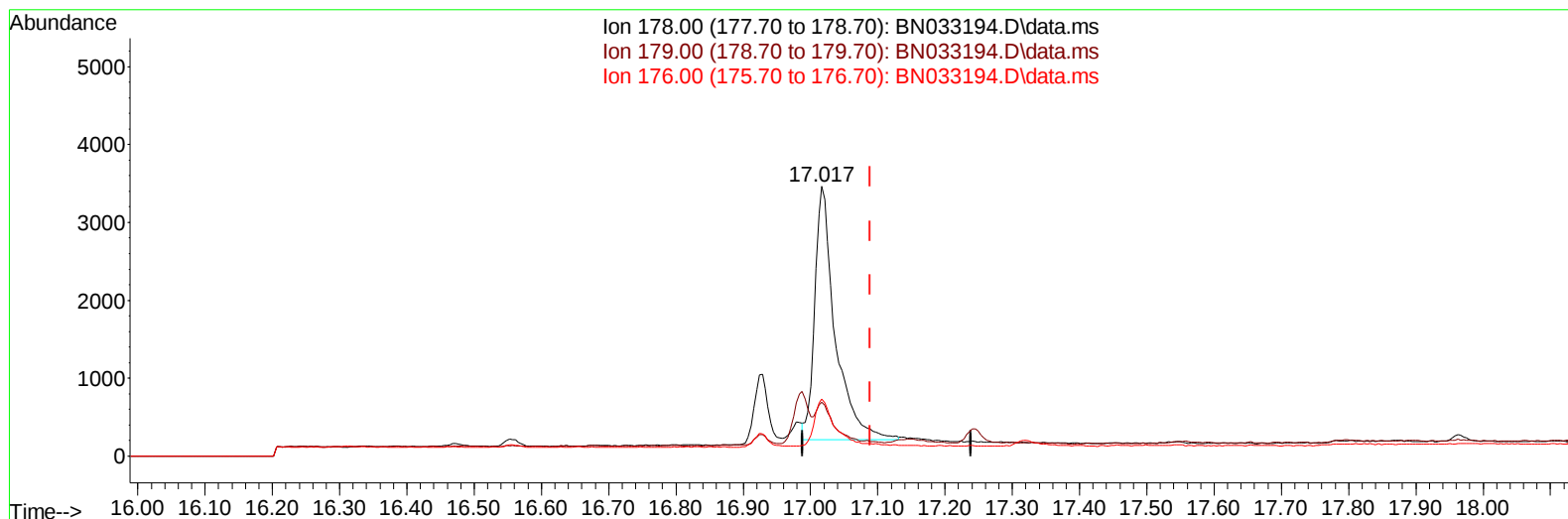
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033194.D
Acq On : 02 Aug 2024 08:10
Operator : MA/JU
Sample : P3378-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY3

Manual IntegrationsAPPROVED

Quant Time: Aug 02 08:35:32 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 :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033194.D\data.ms

(16) Anthracene

17.017min (-0.072) 0.18 ng/u1 m

response 6856

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.90	19.93
176.00	19.80	21.17
0.00	0.00	0.00

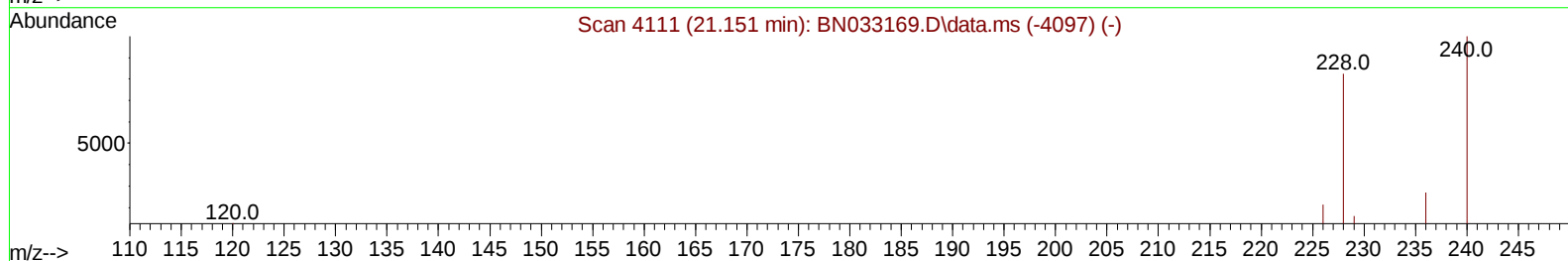
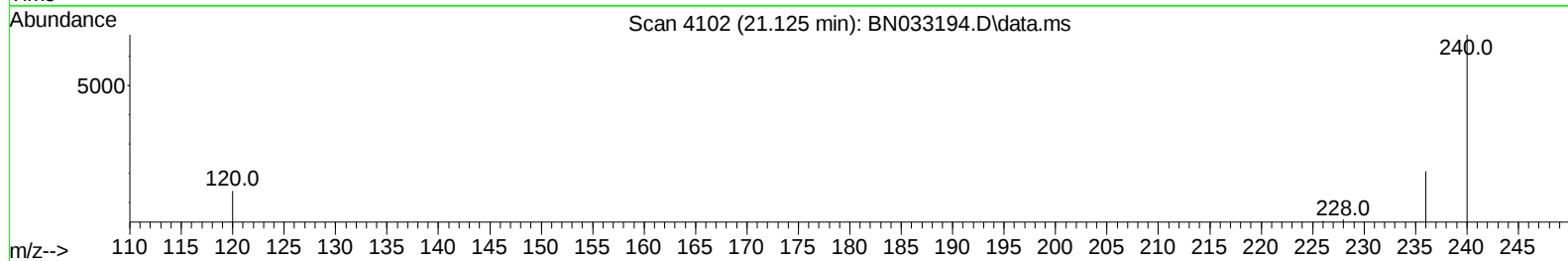
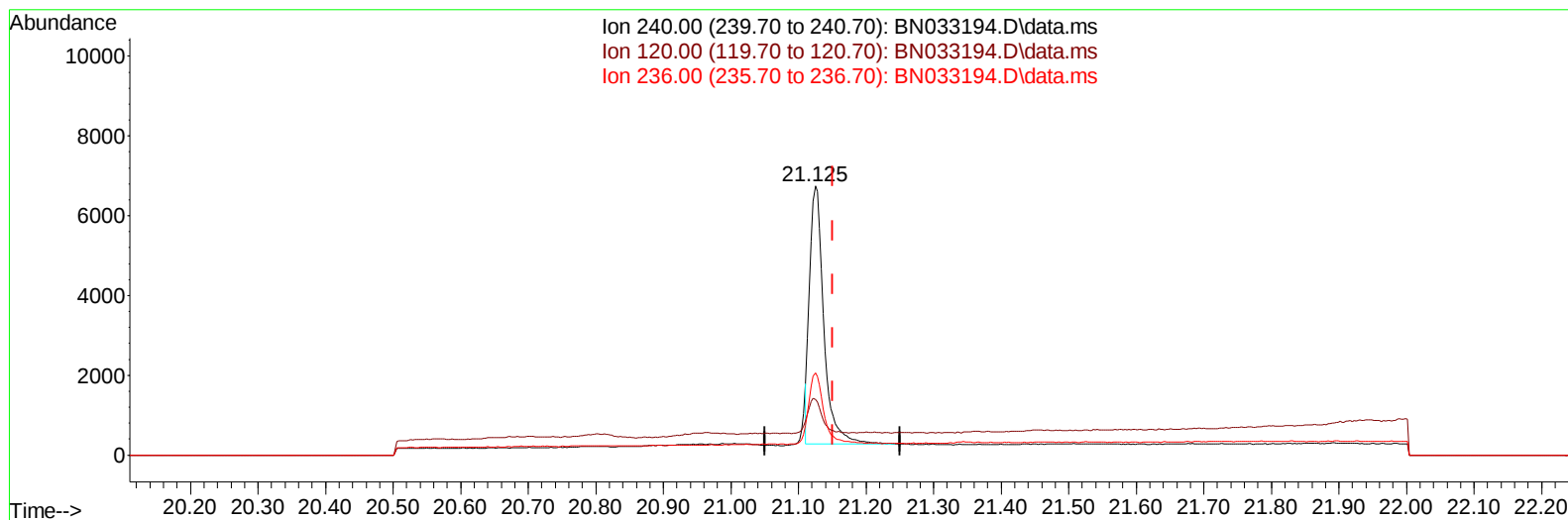
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033194.D
Acq On : 02 Aug 2024 08:10
Operator : MA/JU
Sample : P3378-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY3

Manual IntegrationsAPPROVED

Quant Time: Aug 02 08:35:32 2024
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TIC: BN033194.D\data.ms

(17) Chrysene-d12

21.125min (-0.026) 0.40 ng/u1

response 9445

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	21.40	20.65
236.00	29.50	30.53
0.00	0.00	0.00

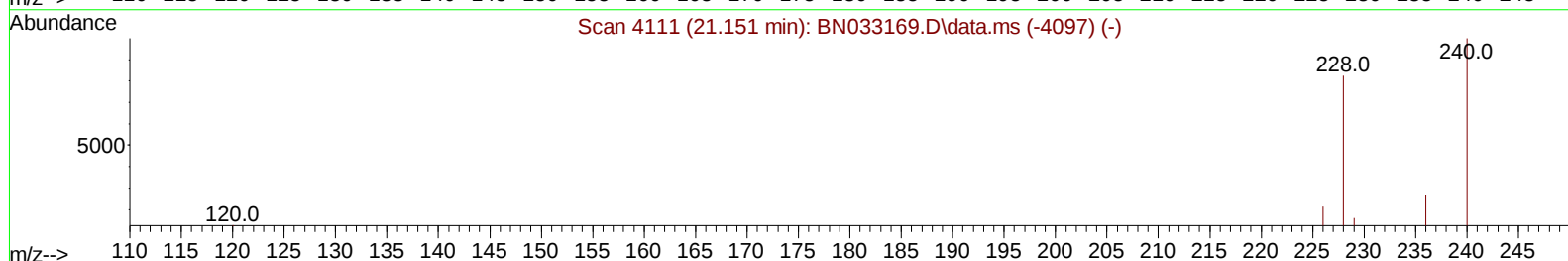
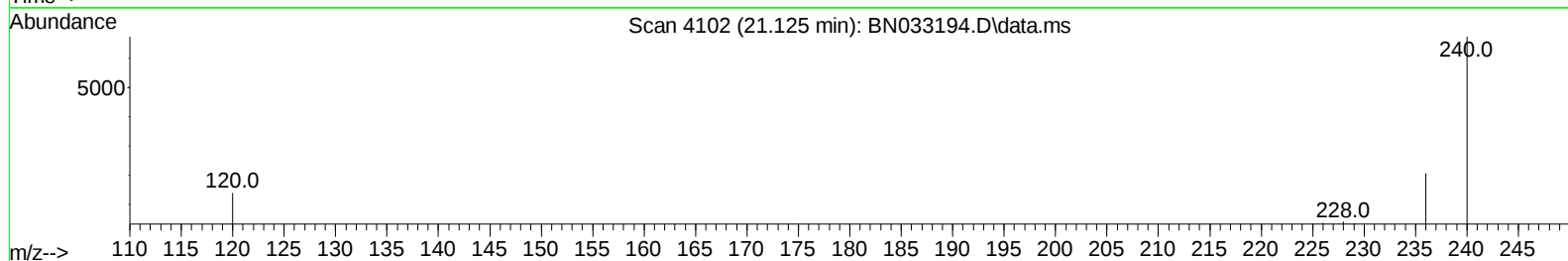
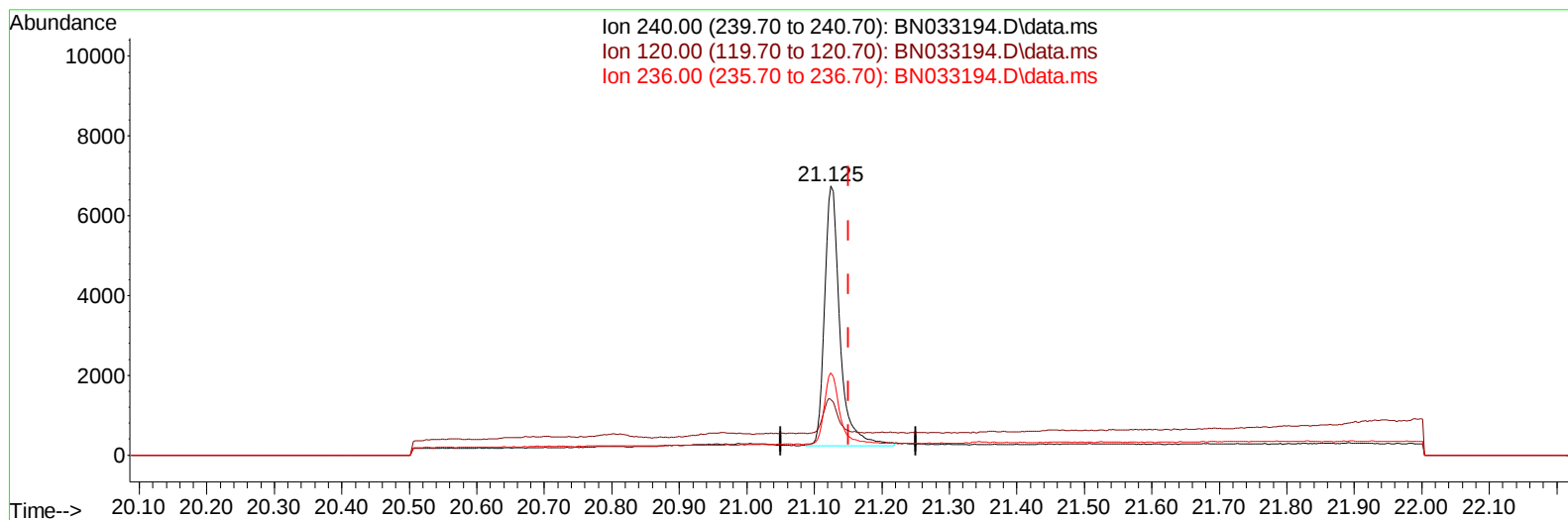
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033194.D
Acq On : 02 Aug 2024 08:10
Operator : MA/JU
Sample : P3378-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY3

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

Quant Time: Aug 02 08:35:32 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
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TIC: BN033194.D\data.ms

(17) Chrysene-d12

21.125min (-0.026) 0.40 ng/ul m

response 10241

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	21.40	20.65
236.00	29.50	30.53
0.00	0.00	0.00

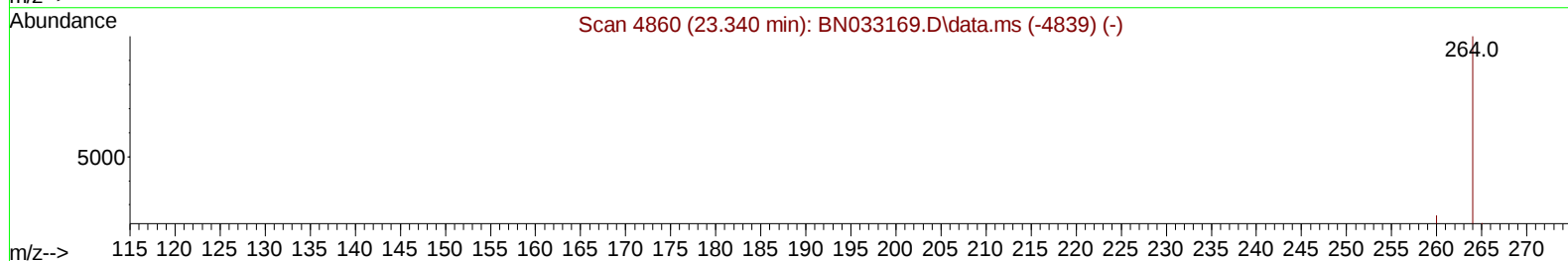
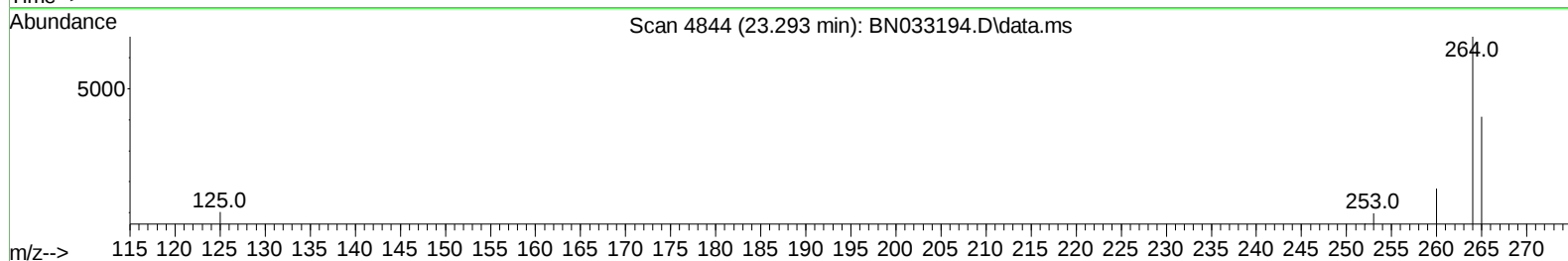
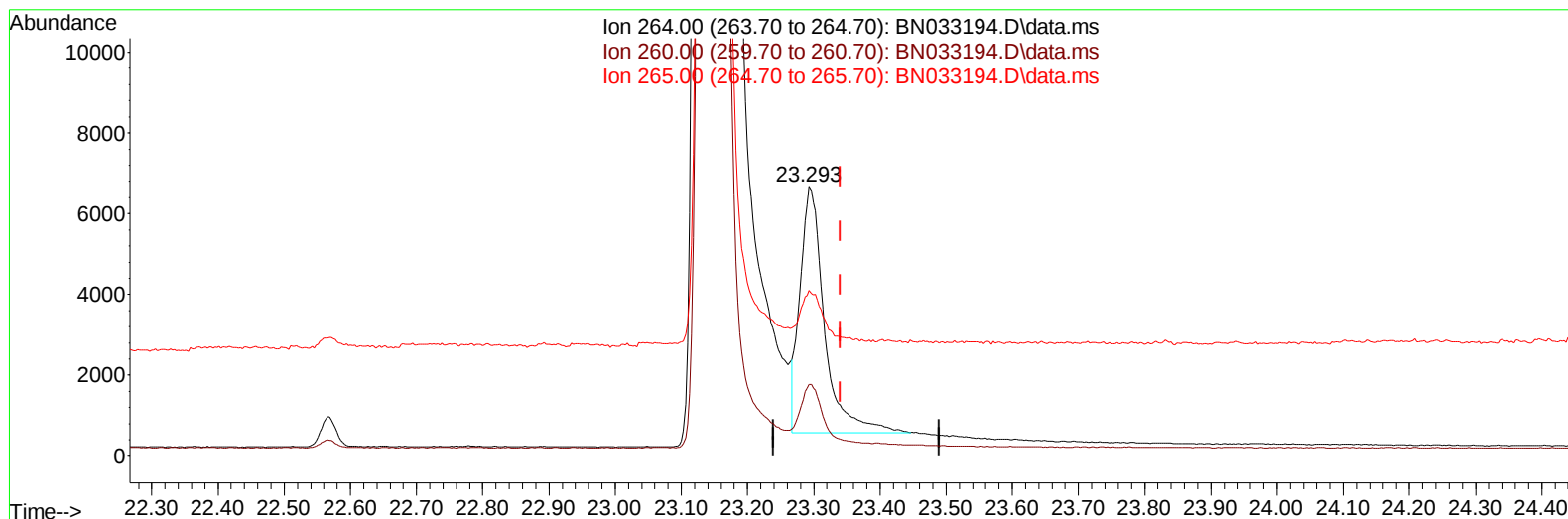
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033194.D
Acq On : 02 Aug 2024 08:10
Operator : MA/JU
Sample : P3378-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY3

Manual IntegrationsAPPROVED

Quant Time: Aug 02 08:35:32 2024
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TIC: BN033194.D\data.ms

(23) Perylene-d12 (I)

23.293min (-0.047) 0.40 ng/u1

response 15580

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.50	26.61
265.00	80.60	61.50#
0.00	0.00	0.00

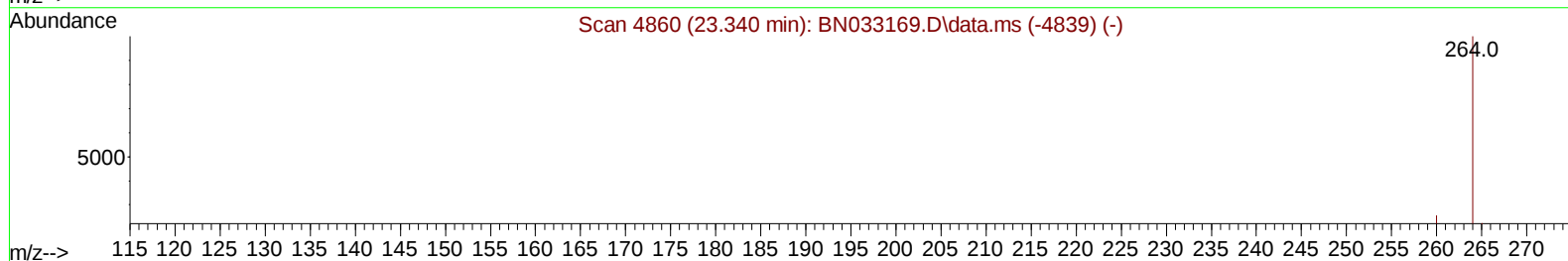
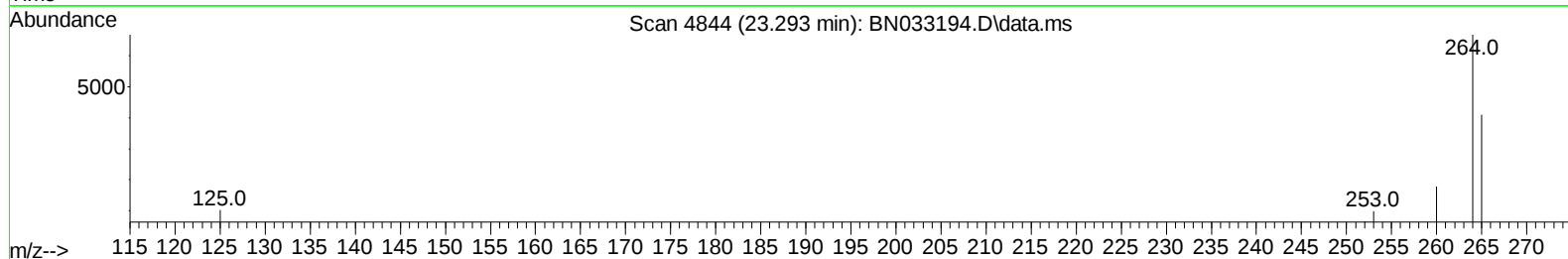
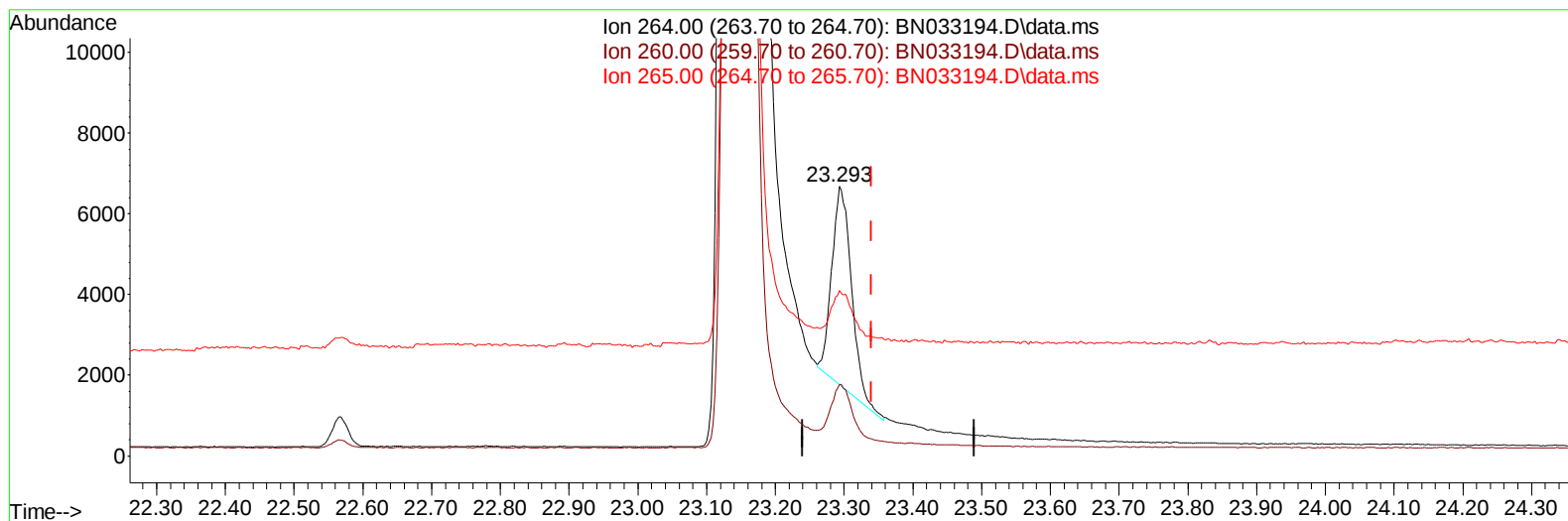
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033194.D
Acq On : 02 Aug 2024 08:10
Operator : MA/JU
Sample : P3378-03
Misc :
ALS Vial : 28 Sample Multiplier: 3

Instrument :
BNA_N
ClientSampleId :
C0AY3

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

Quant Time: Aug 02 08:35:32 2024
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Response via : Initial Calibration



TIC: BN033194.D\data.ms

(23) Perylene-d12 (I)

23.293min (-0.047) 0.40 ng/ul m

response 9739

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.50	26.61
265.00	80.60	61.50#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
 Data File : BN033194.D
 Acq On : 02 Aug 2024 08:10
 Operator : MA/JU
 Sample : P3378-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AY3

Manual IntegrationsAPPROVED

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 QLast Update : Tue Jul 30 14:49:49 2024
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.465	152		3905m	0.400	ng/ul	-0.08
4) Naphthalene-d8	10.223	136		13504	0.400	ng/ul	#-0.09
9) Acenaphthene-d10	14.115	164		7661	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.886	188		15927m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.125	240		10241m	0.400	ng/ul	-0.03
23) Perylene-d12	23.293	264		9739m	0.400	ng/ul	-0.05
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.048	96		18215	3.688	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.851	152		5144	0.233	ng/ul	-0.08
18) Fluoranthene-d10	18.935	212		11335	0.391	ng/ul	-0.04
Target Compounds							Qvalue
5) Naphthalene	10.273	128		5571	0.161	ng/ul	98
11) Acenaphthene	14.180	153		1322	0.056	ng/ul	97
12) Fluorene	15.179	166		980	0.036	ng/ul#	94
15) Phenanthrene	16.928	178		1377m	0.032	ng/ul	
16) Anthracene	17.017	178		6856m	0.179	ng/ul	
19) Fluoranthene	18.967	202		2535	0.075	ng/ul#	87

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033194.D
Acq On : 02 Aug 2024 08:10
Operator : MA/JU
Sample : P3378-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AY3

Manual IntegrationsAPPROVED

Quant Time: Aug 02 08:35:32 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 :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

