

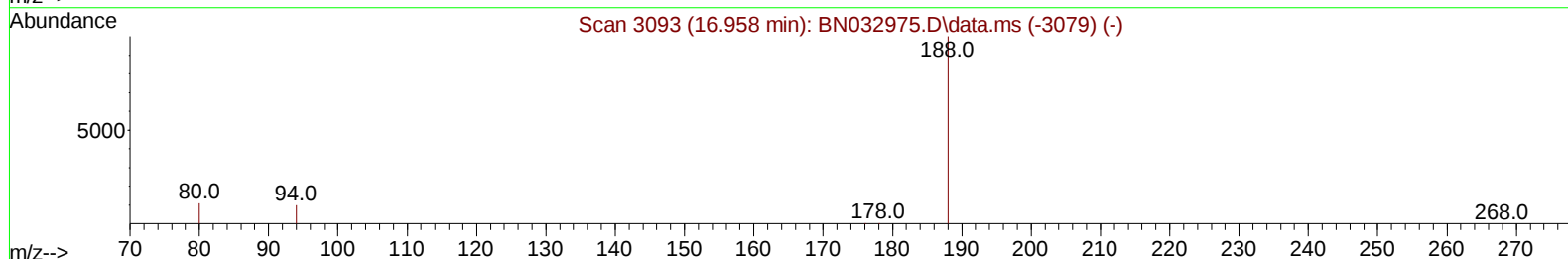
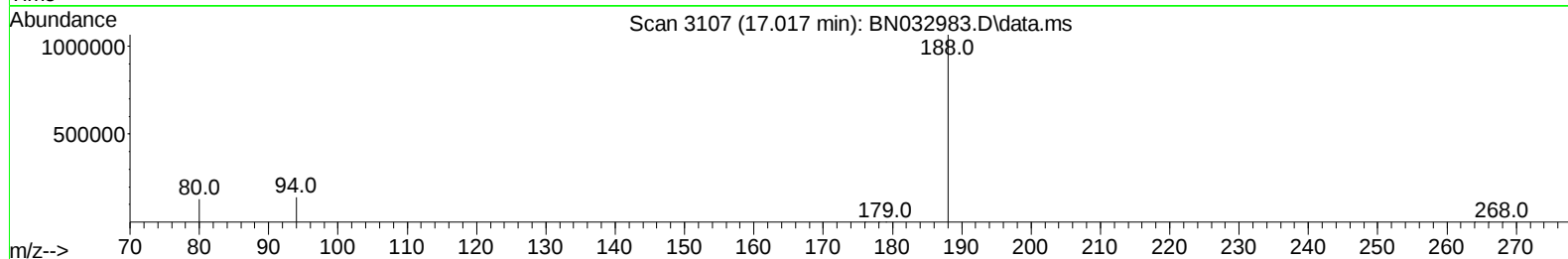
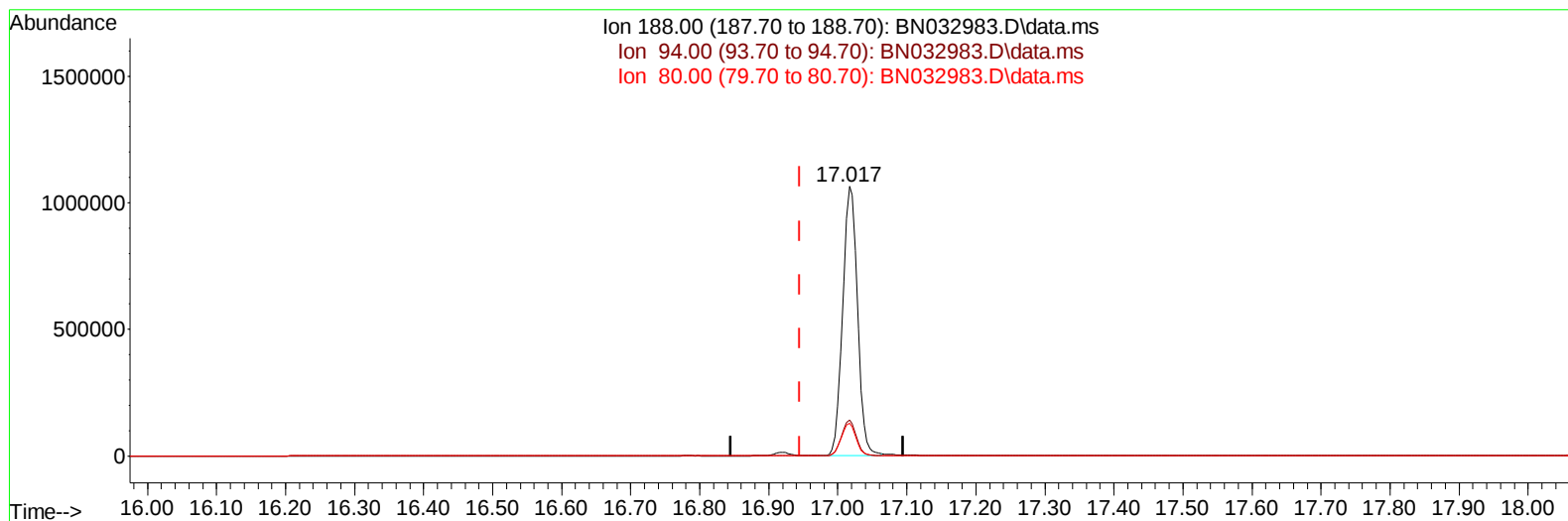
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
Data File : BN032983.D
Acq On : 25 Jul 2024 21:58
Operator : MA/JU
Sample : P3347-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AW7

Manual IntegrationsAPPROVED

Quant Time: Jul 26 01:19:12 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 : Thu Jul 25 15:43:00 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/30/2024



TIC: BN032983.D\data.ms

(13) Phenanthrene-d10 (I)

17.017min (+ 0.072) 0.40 ng/u1

response 1586361

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	13.29
80.00	13.10	12.18
0.00	0.00	0.00

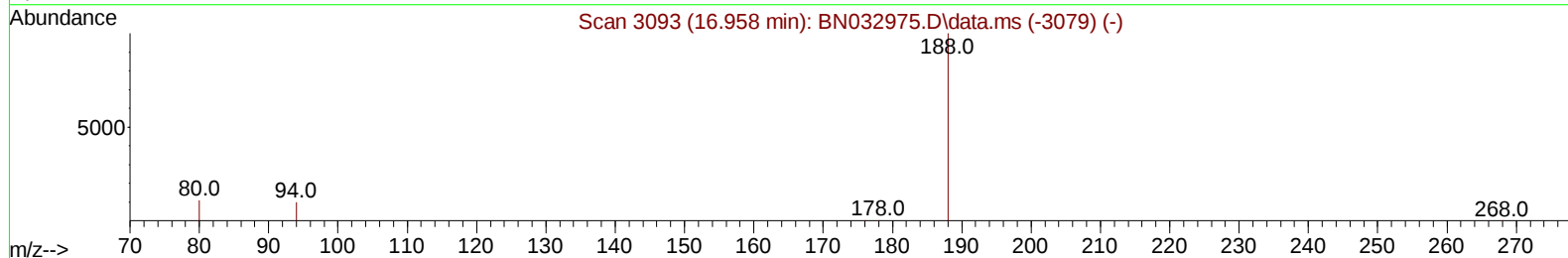
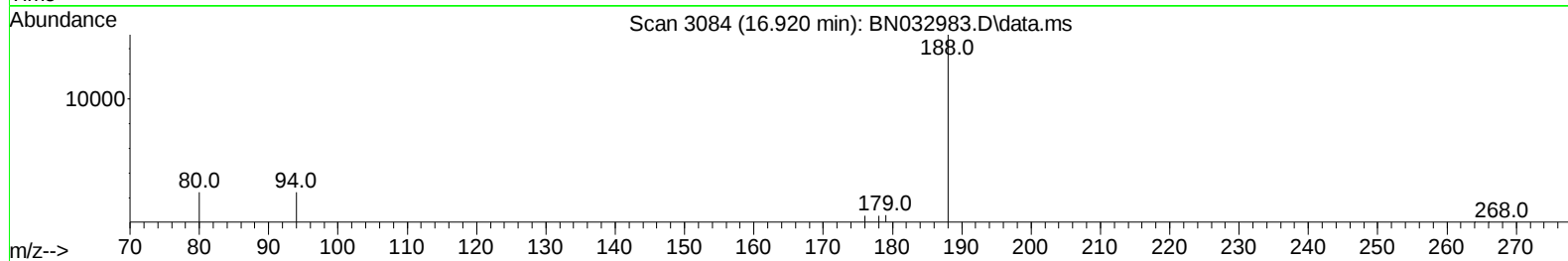
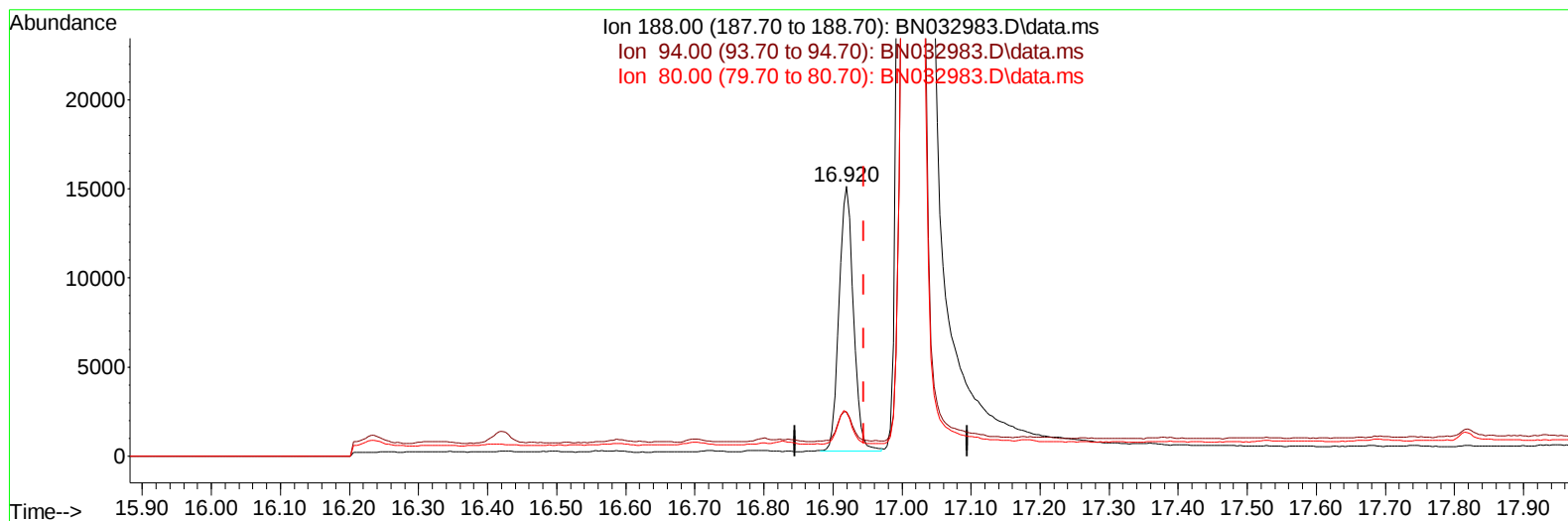
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
Data File : BN032983.D
Acq On : 25 Jul 2024 21:58
Operator : MA/JU
Sample : P3347-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AW7

Manual IntegrationsAPPROVED

Quant Time: Jul 26 01:19:12 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 : Thu Jul 25 15:43:00 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/30/2024



TIC: BN032983.D\data.ms

(13) Phenanthrene-d10 (I)

16.920min (-0.025) 0.40 ng/ul m

response 21402

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	16.39#
80.00	13.10	16.26#
0.00	0.00	0.00

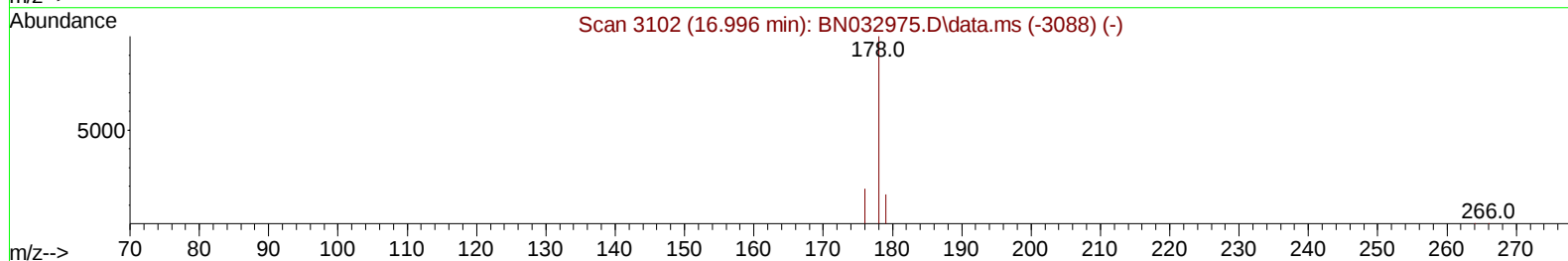
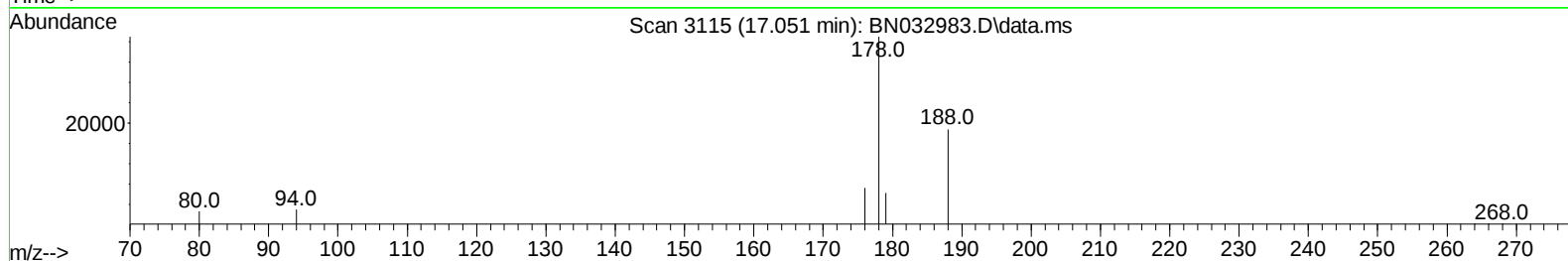
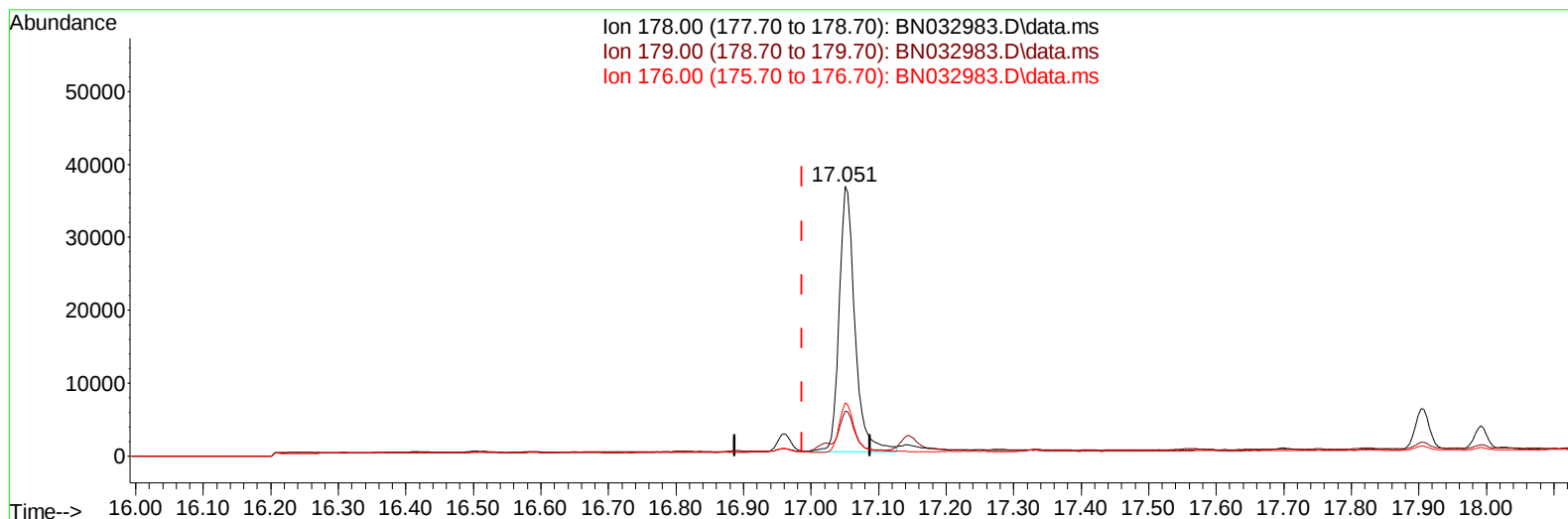
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
Data File : BN032983.D
Acq On : 25 Jul 2024 21:58
Operator : MA/JU
Sample : P3347-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AW7

Manual IntegrationsAPPROVED

Quant Time: Jul 26 01:19:12 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 : Thu Jul 25 15:43:00 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/30/2024



TIC: BN032983.D\data.ms

(15) Phenanthrene

17.051min (+ 0.063) 1.04 ng/u1

response 59726

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.10	16.66
176.00	19.90	19.65
0.00	0.00	0.00

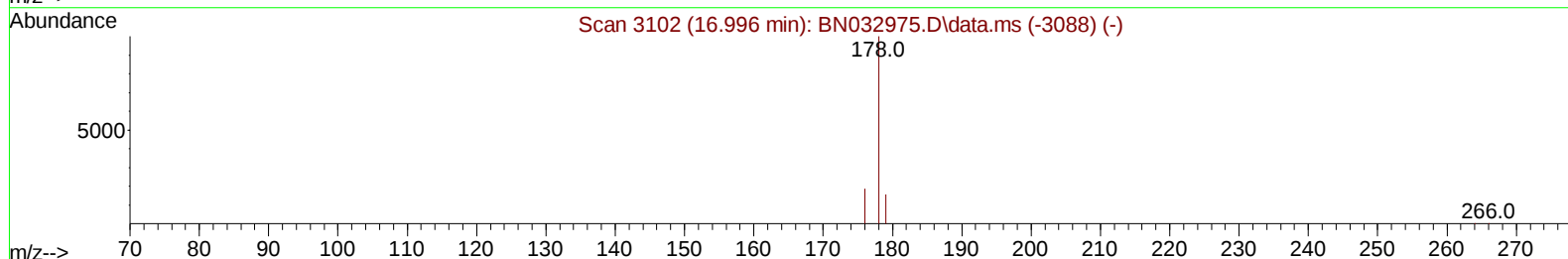
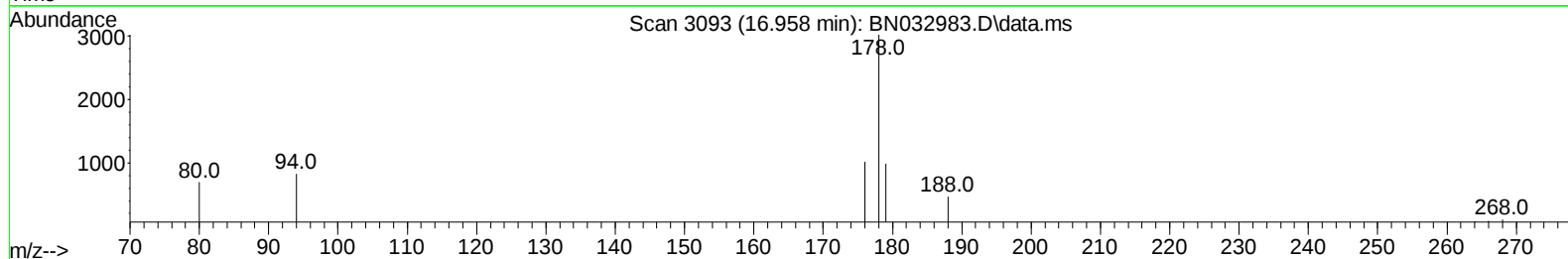
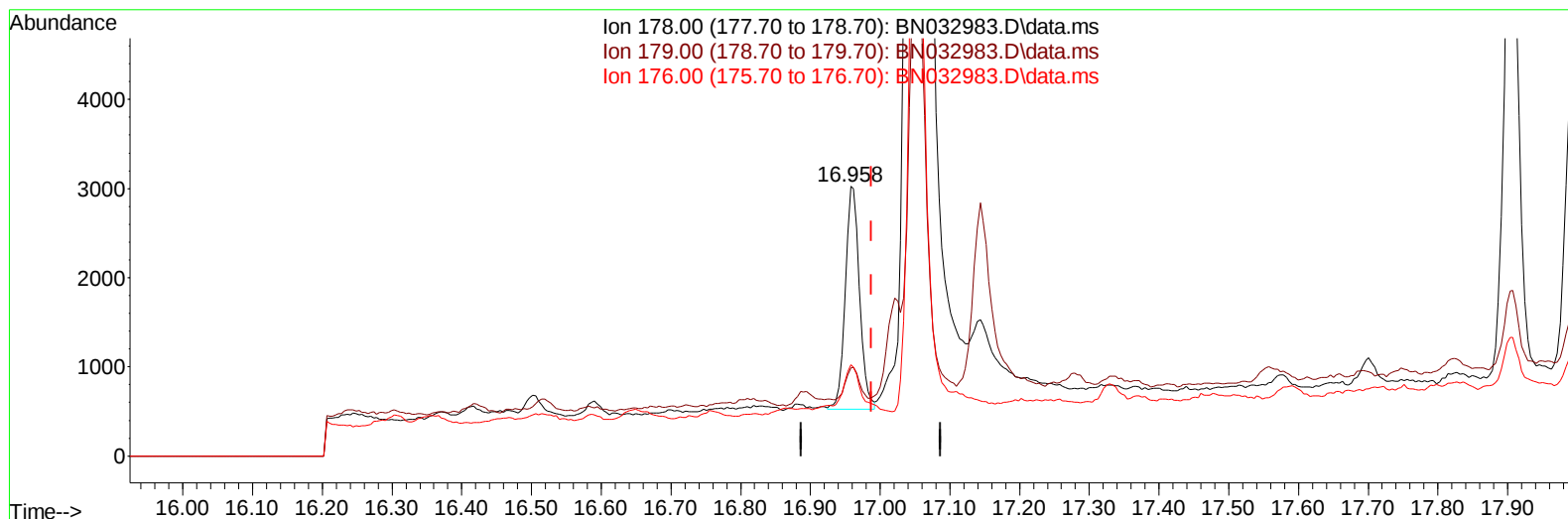
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
Data File : BN032983.D
Acq On : 25 Jul 2024 21:58
Operator : MA/JU
Sample : P3347-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AW7

Manual IntegrationsAPPROVED

Quant Time: Jul 26 01:19:12 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 : Thu Jul 25 15:43:00 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/30/2024



TIC: BN032983.D\data.ms

(15) Phenanthrene

16.958min (-0.030) 0.06 ng/u1 m

response 3569

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.10	32.75#
176.00	19.90	33.77#
0.00	0.00	0.00

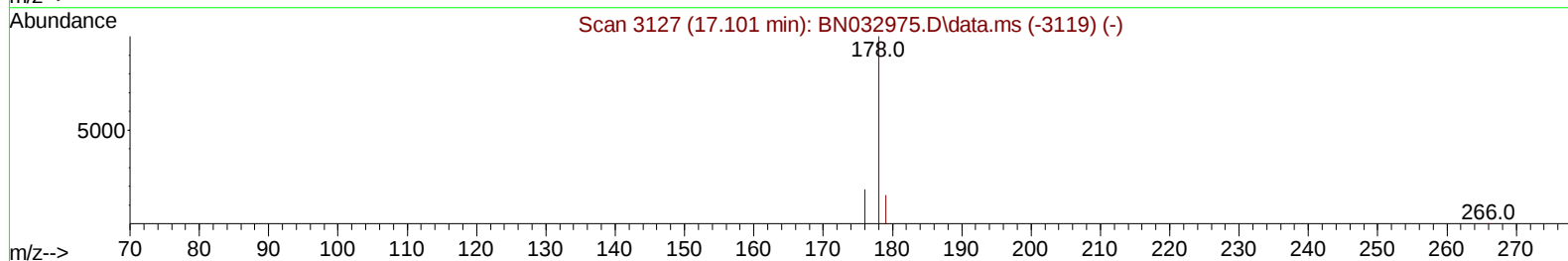
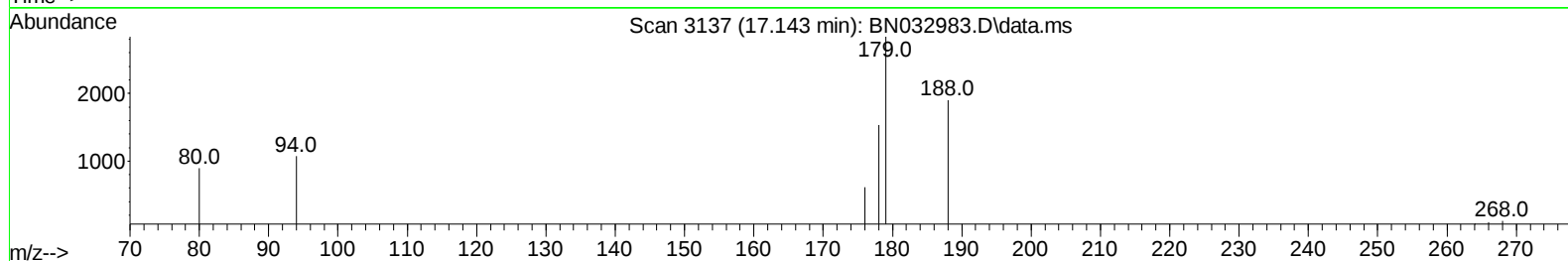
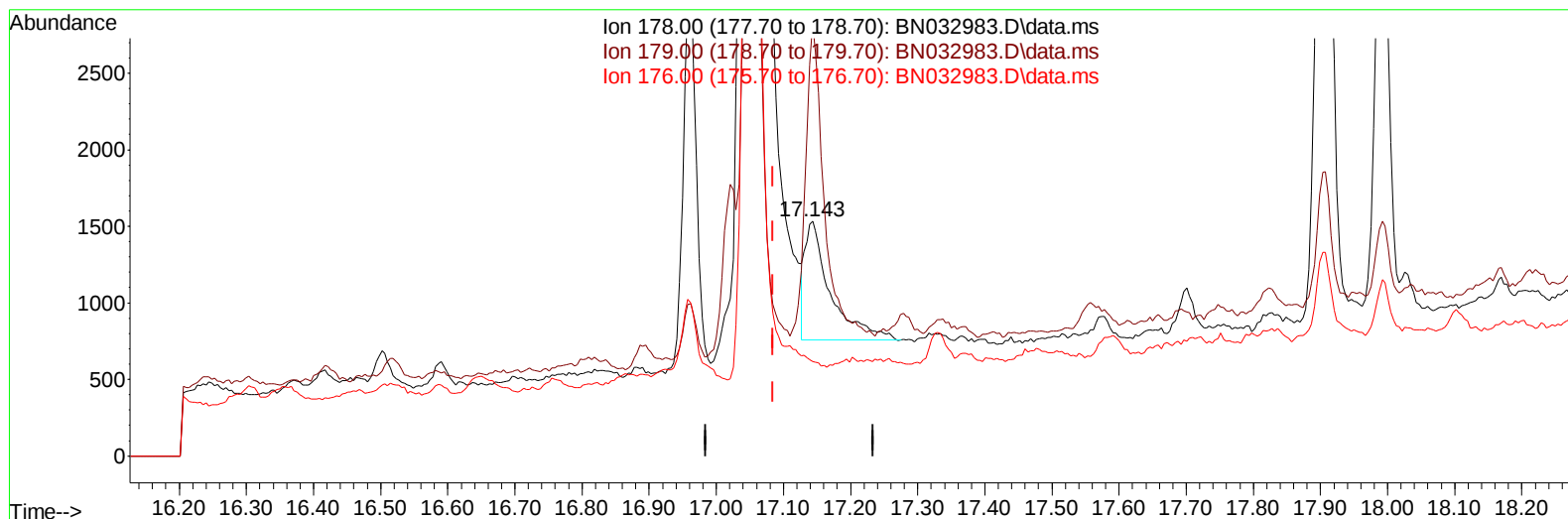
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
Data File : BN032983.D
Acq On : 25 Jul 2024 21:58
Operator : MA/JU
Sample : P3347-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AW7

Manual IntegrationsAPPROVED

Quant Time: Jul 26 01:19:12 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 : Thu Jul 25 15:43:00 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/30/2024



TIC: BN032983.D\data.ms

(16) Anthracene

17.143min (+ 0.059) 0.04 ng/u1

response 2052

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.90	185.31#
176.00	19.80	40.27#
0.00	0.00	0.00

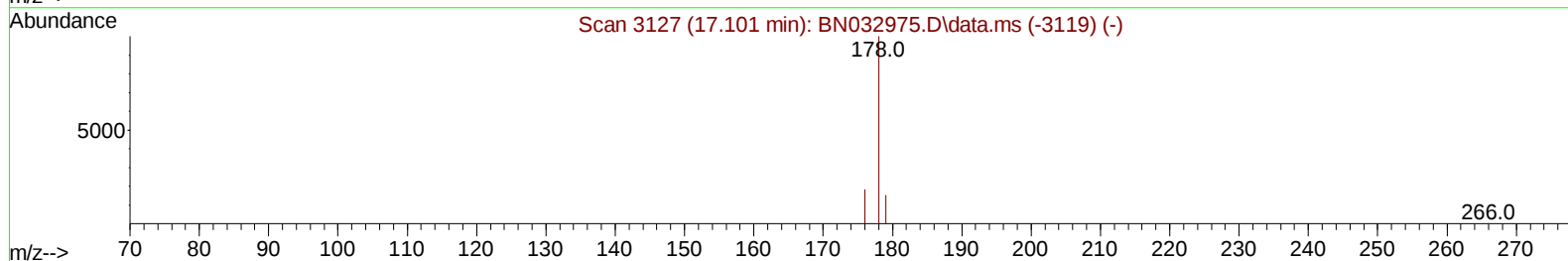
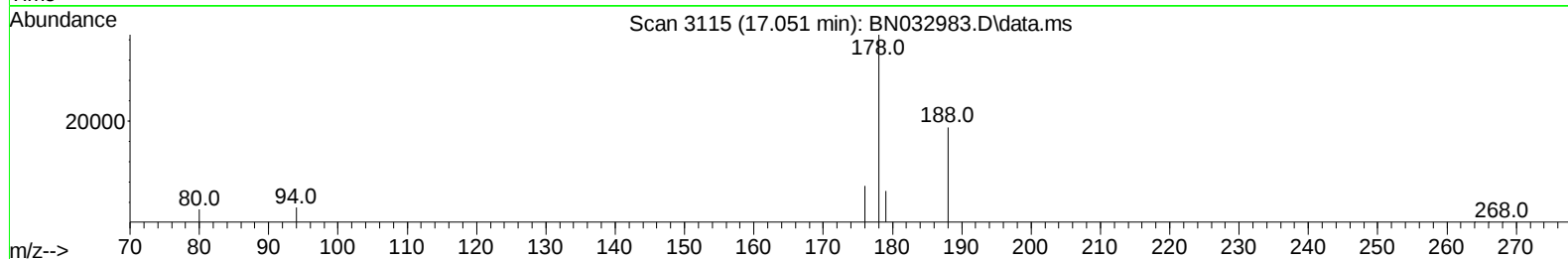
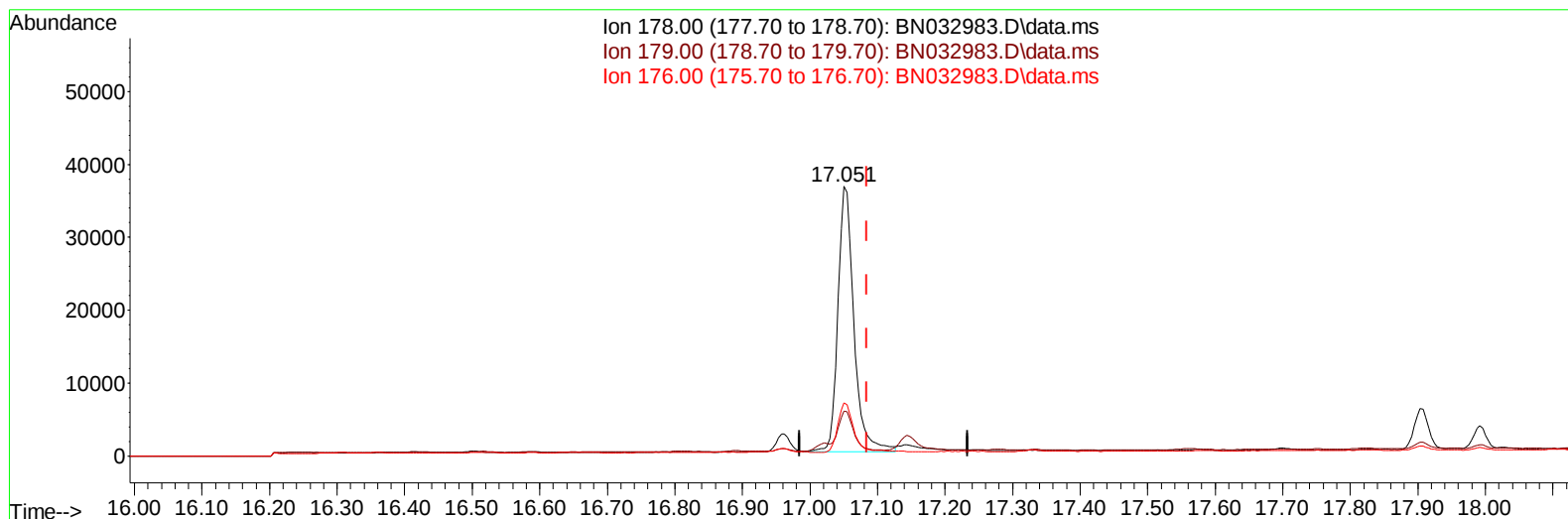
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
Data File : BN032983.D
Acq On : 25 Jul 2024 21:58
Operator : MA/JU
Sample : P3347-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AW7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/30/2024

Quant Time: Jul 26 01:19:12 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 : Thu Jul 25 15:43:00 2024
Response via : Initial Calibration



TIC: BN032983.D\data.ms

(16) Anthracene

17.051min (-0.034) 1.16 ng/ul m

response 59921

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.90	16.66
176.00	19.80	19.65
0.00	0.00	0.00

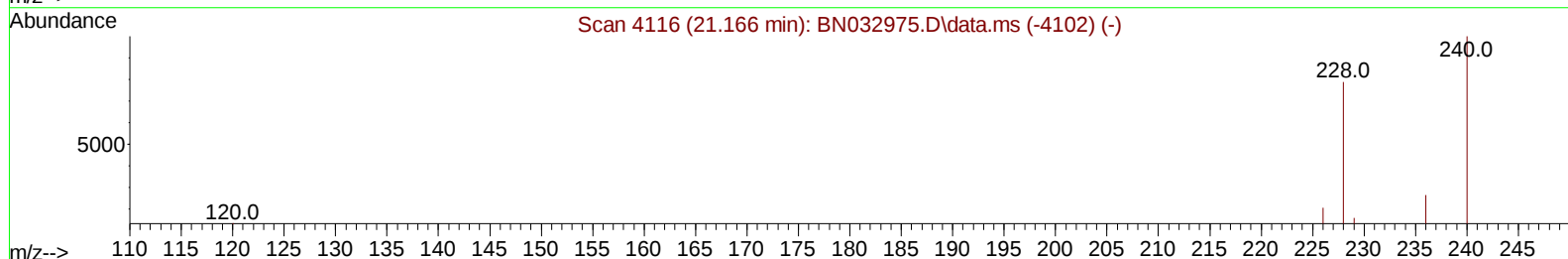
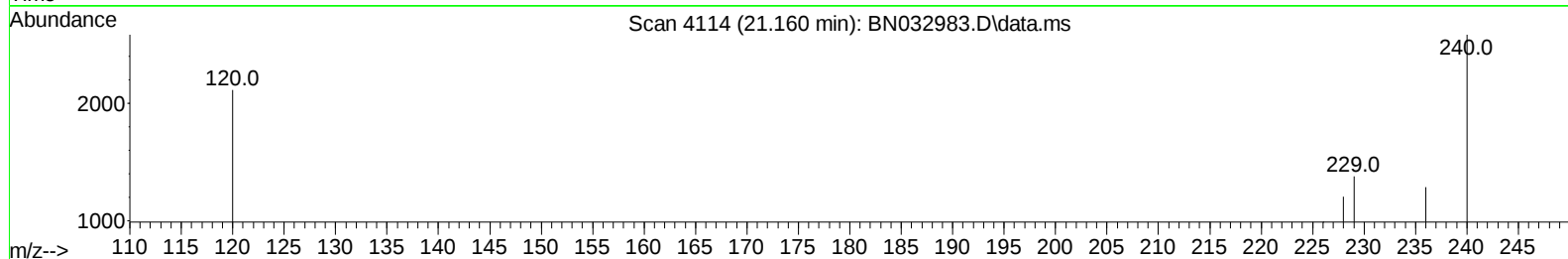
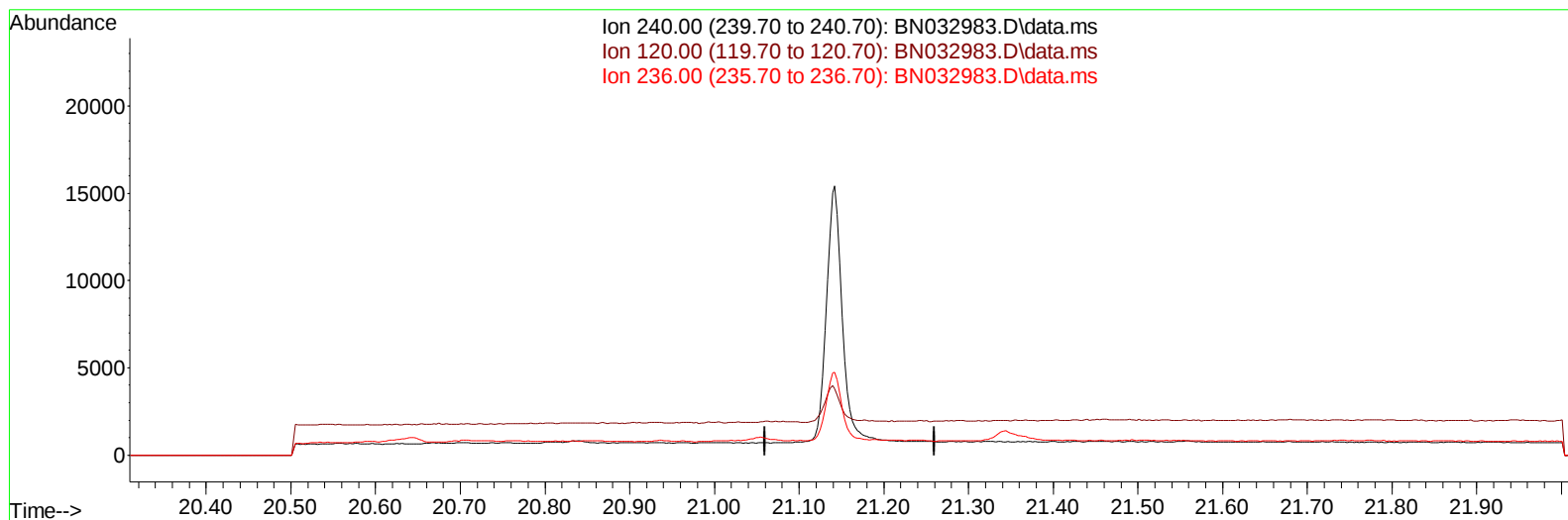
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
Data File : BN032983.D
Acq On : 25 Jul 2024 21:58
Operator : MA/JU
Sample : P3347-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AW7

Manual IntegrationsAPPROVED

Quant Time: Jul 26 01:19:12 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 : Thu Jul 25 15:43:00 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/30/2024



TIC: BN032983.D\data.ms

(17) Chrysene-d12

21.160min (-21.160) 0.00 ng/u1

response 0

Ion	Exp%	Act%
240.00	100.00	0.00
120.00	21.40	0.00#
236.00	29.50	0.00#
0.00	0.00	0.00

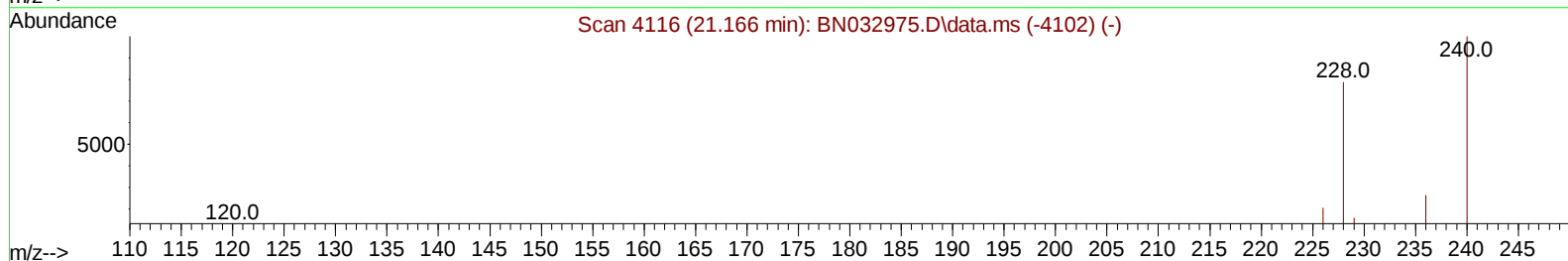
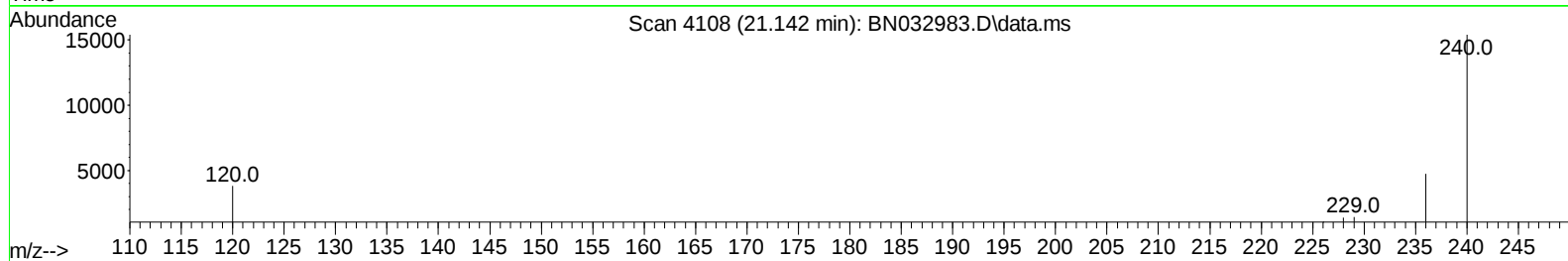
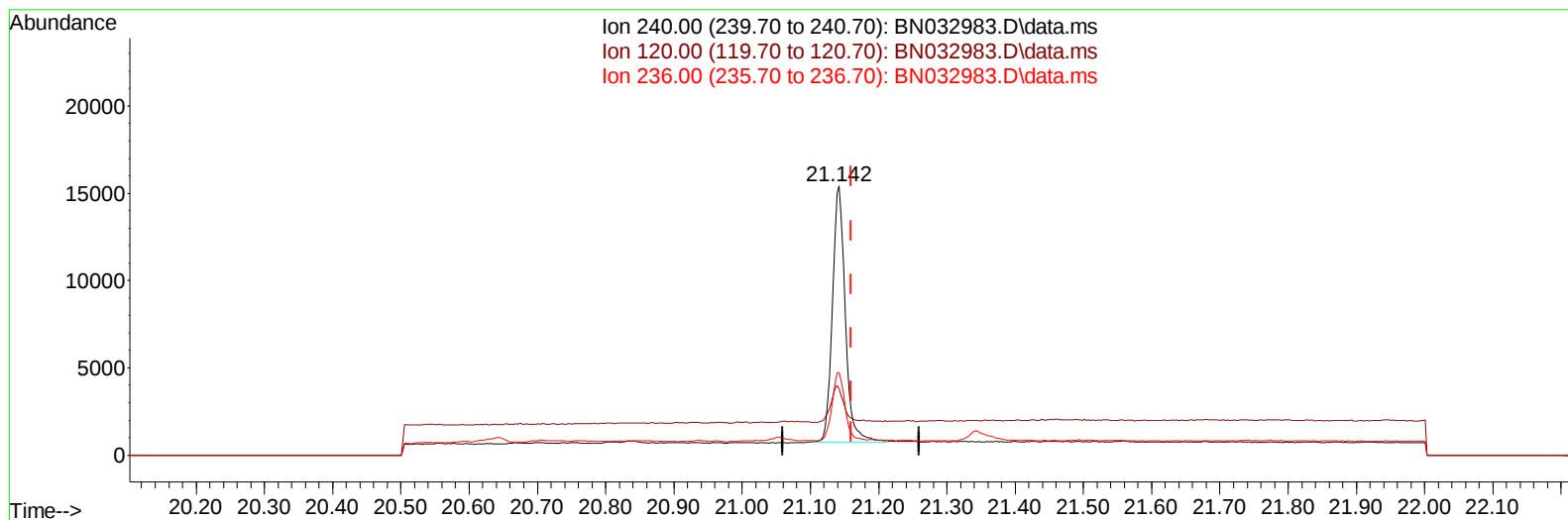
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
Data File : BN032983.D
Acq On : 25 Jul 2024 21:58
Operator : MA/JU
Sample : P3347-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AW7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/30/2024

Quant Time: Jul 26 01:19:12 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 : Thu Jul 25 15:43:00 2024
Response via : Initial Calibration



TIC: BN032983.D\data.ms

(17) Chrysene-d12

21.142min (-0.018) 0.40 ng/ul m

response 19269

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	21.40	24.62
236.00	29.50	30.89
0.00	0.00	0.00

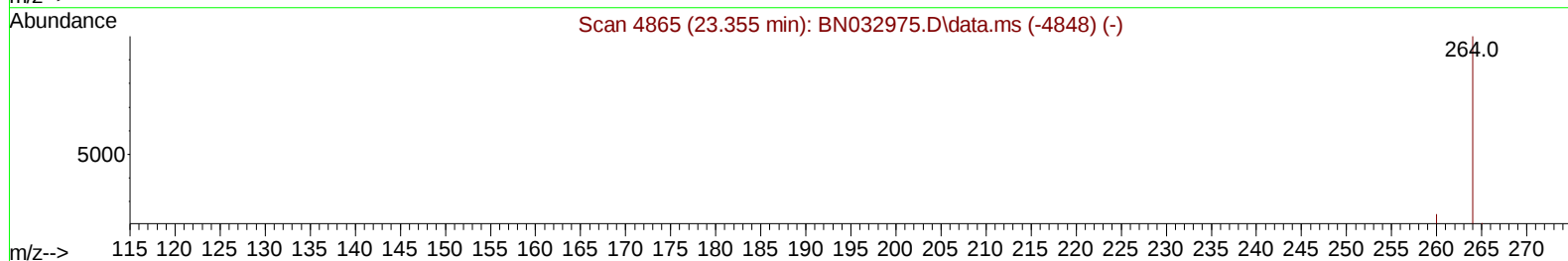
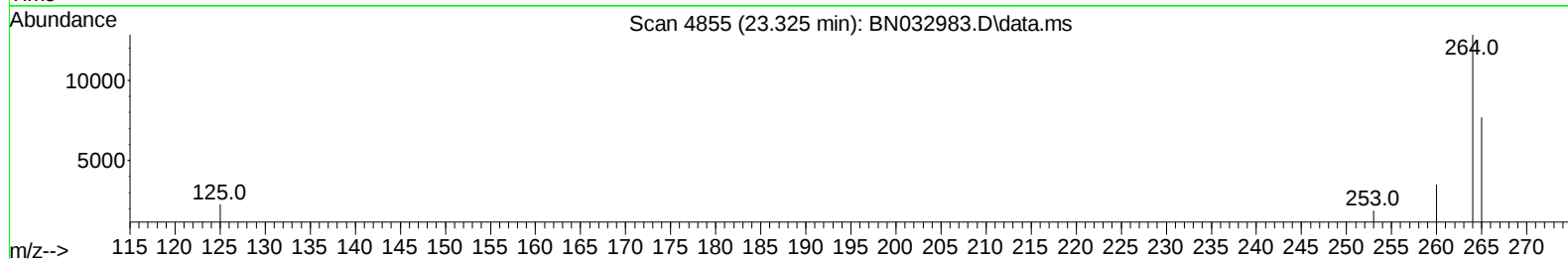
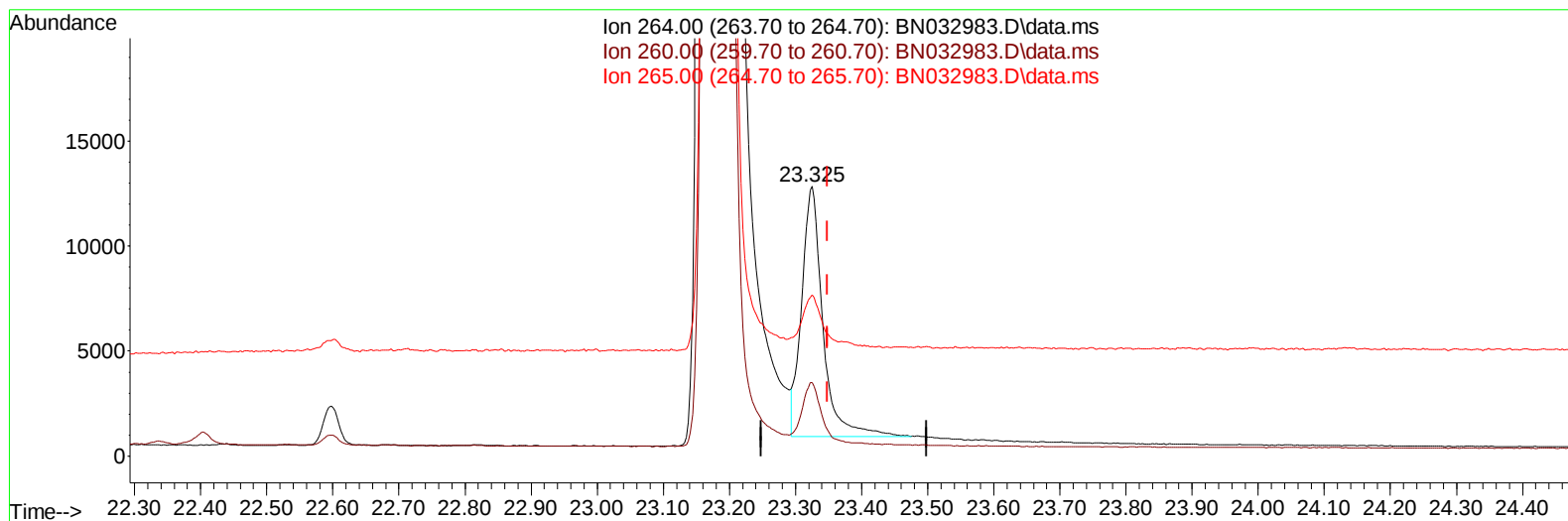
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
 Data File : BN032983.D
 Acq On : 25 Jul 2024 21:58
 Operator : MA/JU
 Sample : P3347-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AW7

Manual IntegrationsAPPROVED

Quant Time: Jul 26 01:19:12 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 : Thu Jul 25 15:43:00 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/26/2024
 Supervised By :mohammad ahmed 07/30/2024



TIC: BN032983.D\data.ms

(23) Perylene-d12 (I)

23.325min (-0.024) 0.40 ng/u1

response 26847

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.50	27.33
265.00	80.60	59.76#
0.00	0.00	0.00

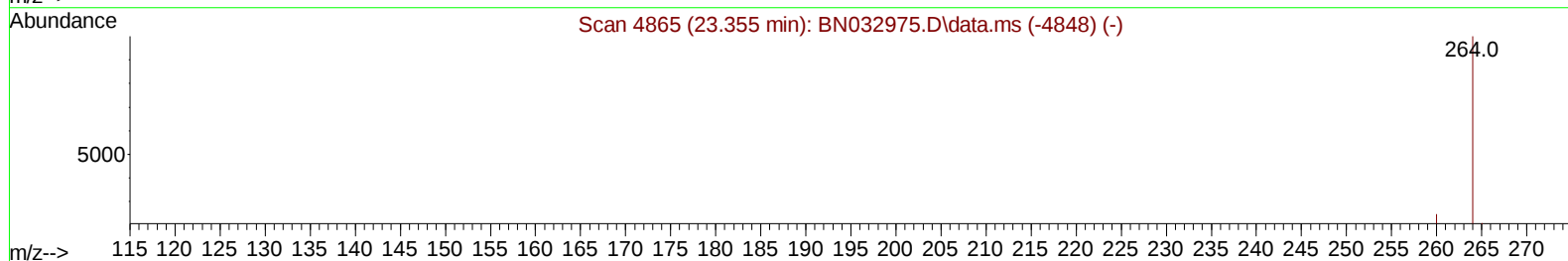
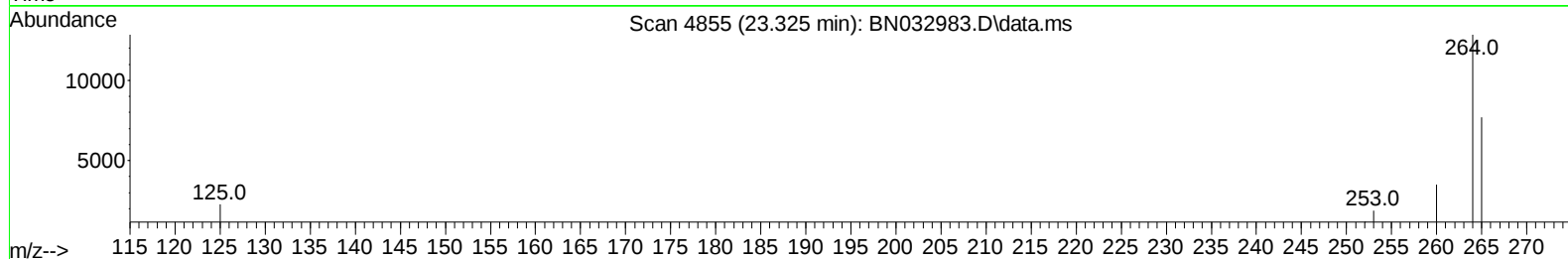
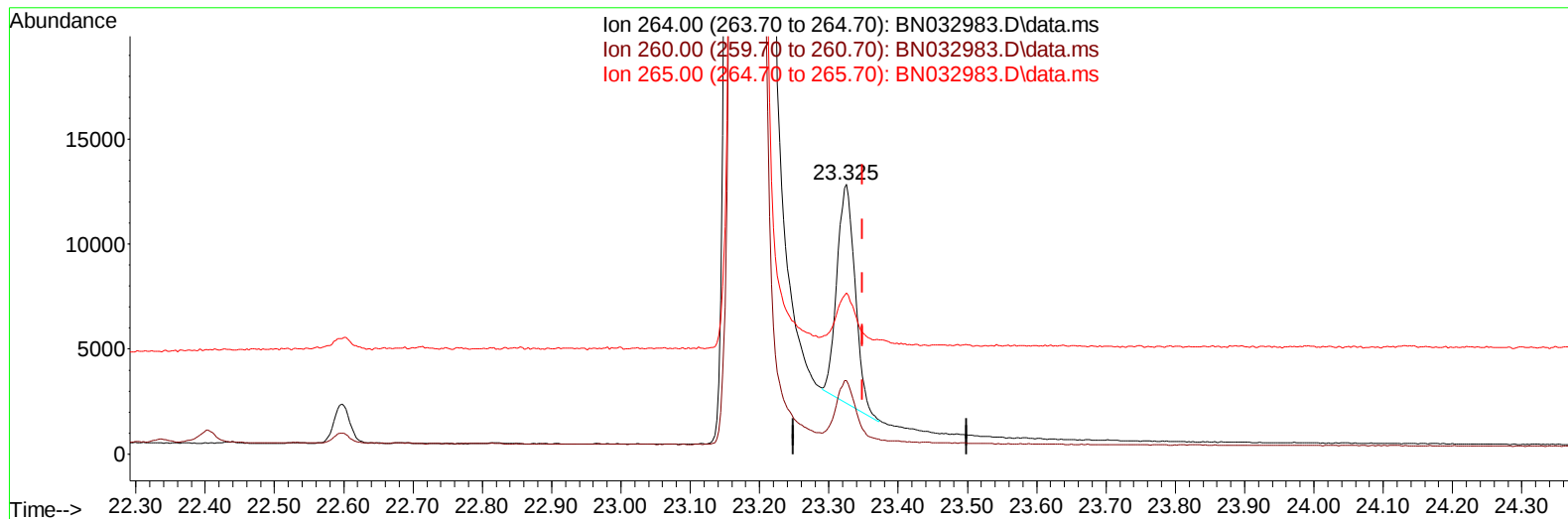
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
Data File : BN032983.D
Acq On : 25 Jul 2024 21:58
Operator : MA/JU
Sample : P3347-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AW7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/30/2024

Quant Time: Jul 26 01:19:12 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 : Thu Jul 25 15:43:00 2024
Response via : Initial Calibration



TIC: BN032983.D\data.ms

(23) Perylene-d12 (I)

23.325min (-0.024) 0.40 ng/ul m

response 18899

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.50	27.33
265.00	80.60	59.76#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
 Data File : BN032983.D
 Acq On : 25 Jul 2024 21:58
 Operator : MA/JU
 Sample : P3347-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AW7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
 Supervised By :mohammad ahmed 07/30/2024

Quant Time: Jul 26 01:19:12 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 : Thu Jul 25 15:43:00 2024
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.507	152		4444	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.267	136		15828	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.157	164		9740	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.920	188		21402m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.142	240		19269m	0.400	ng/ul	-0.02
23) Perylene-d12	23.325	264		18899m	0.400	ng/ul	-0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.064	96		22751	4.047	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.878	152		8551	0.331	ng/ul	-0.03
18) Fluoranthene-d10	18.962	212		19203	0.352	ng/ul	-0.02
Target Compounds							Qvalue
5) Naphthalene	10.317	128		11520	0.283	ng/ul	96
7) 2-Methylnaphthalene	11.955	142		1137	0.041	ng/ul	96
8) 1-Methylnaphthalene	12.181	142		871	0.029	ng/ul	99
10) Acenaphthylene	13.875	152		2243	0.056	ng/ul#	77
11) Acenaphthene	14.222	153		4610	0.154	ng/ul	99
12) Fluorene	15.216	166		1648	0.047	ng/ul#	90
15) Phenanthrene	16.958	178		3569m	0.062	ng/ul	
16) Anthracene	17.051	178		59921m	1.161	ng/ul	
19) Fluoranthene	18.995	202		3072	0.048	ng/ul#	66
21) Benzo(a)anthracene	21.125	228		1966	0.030	ng/ul#	14

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
Data File : BN032983.D
Acq On : 25 Jul 2024 21:58
Operator : MA/JU
Sample : P3347-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AW7

Manual IntegrationsAPPROVED

Quant Time: Jul 26 01:19:12 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 : Thu Jul 25 15:43:00 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/30/2024

