

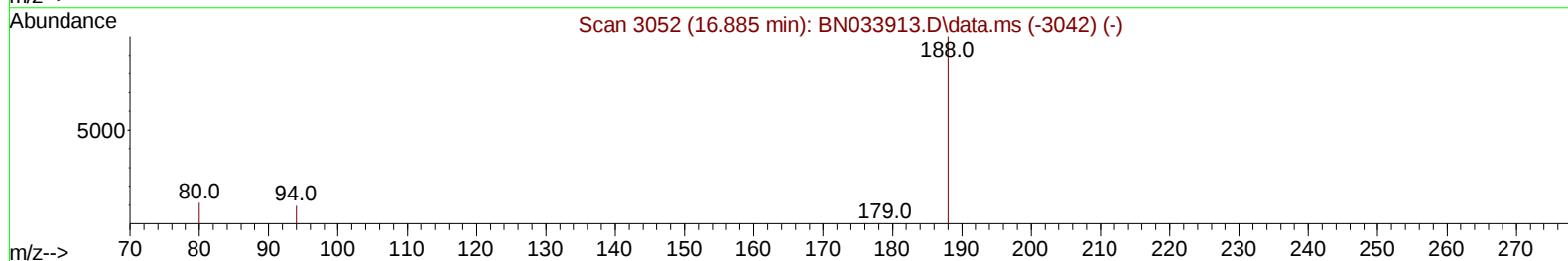
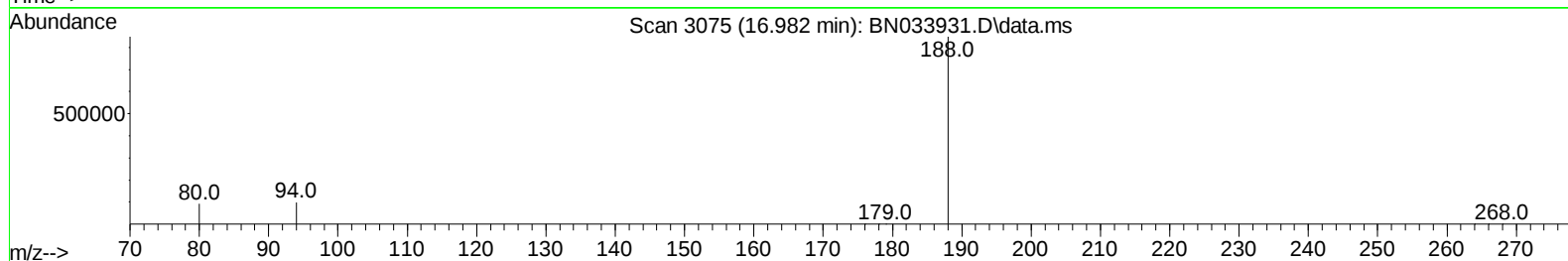
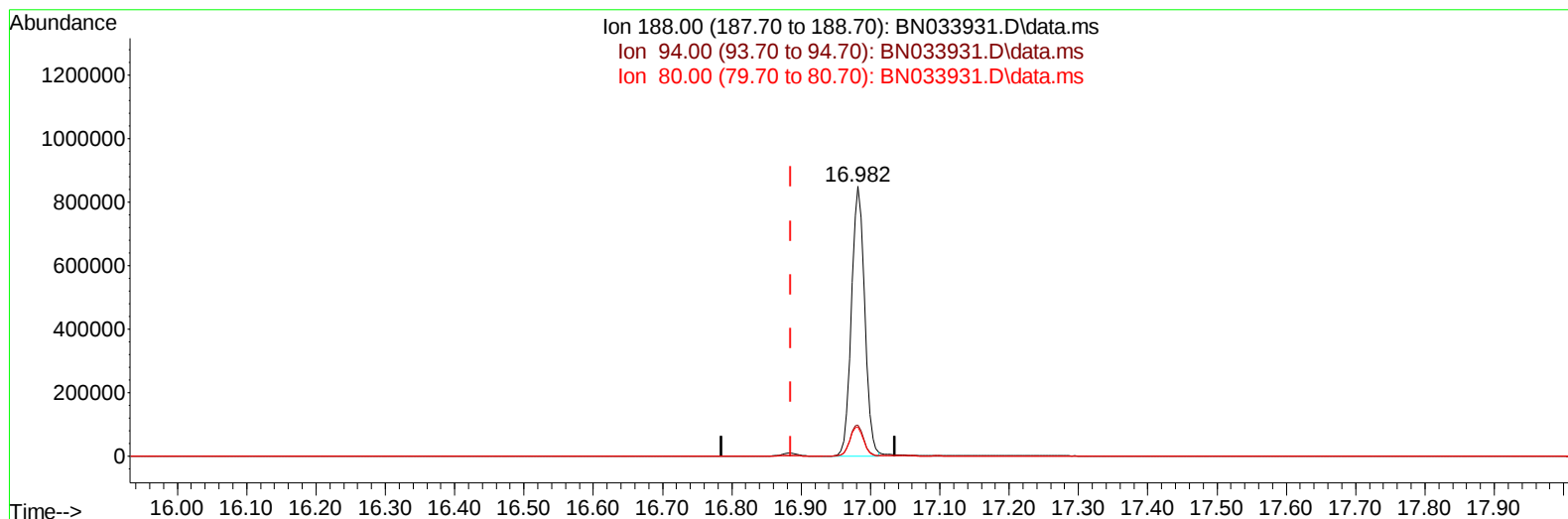
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091424\
Data File : BN033931.D
Acq On : 15 Sep 2024 01:25
Operator : JU/RC
Sample : P3952-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B52

Manual IntegrationsAPPROVED

Quant Time: Sep 15 03:08:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 01:52:43 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



TIC: BN033931.D\data.ms

(13) Phenanthrene-d10 (I)

16.982min (+ 0.097) 0.40 ng/u1

response 1124346

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.30	11.58
80.00	11.50	10.79
0.00	0.00	0.00

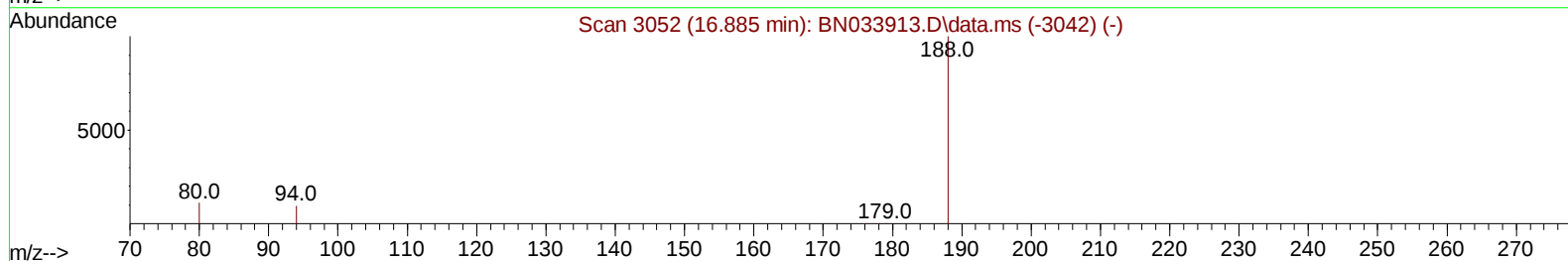
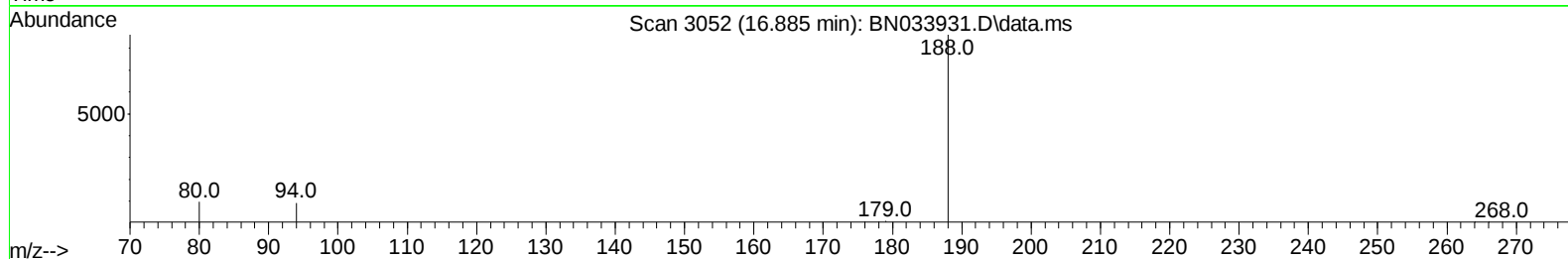
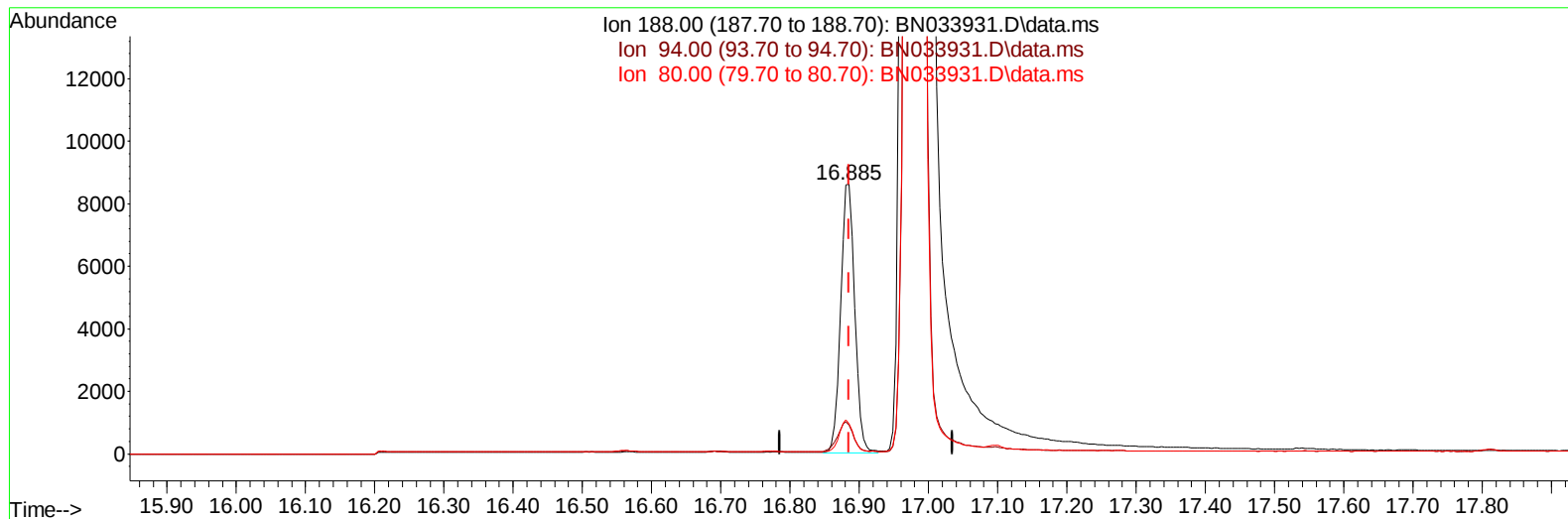
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091424\
Data File : BN033931.D
Acq On : 15 Sep 2024 01:25
Operator : JU/RC
Sample : P3952-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B52

Manual IntegrationsAPPROVED

Quant Time: Sep 15 03:08:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 01:52:43 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



TIC: BN033931.D\data.ms

(13) Phenanthrene-d10 (I)

16.885min (-0.000) 0.40 ng/ul m

response 12153

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.30	10.74
80.00	11.50	11.27
0.00	0.00	0.00

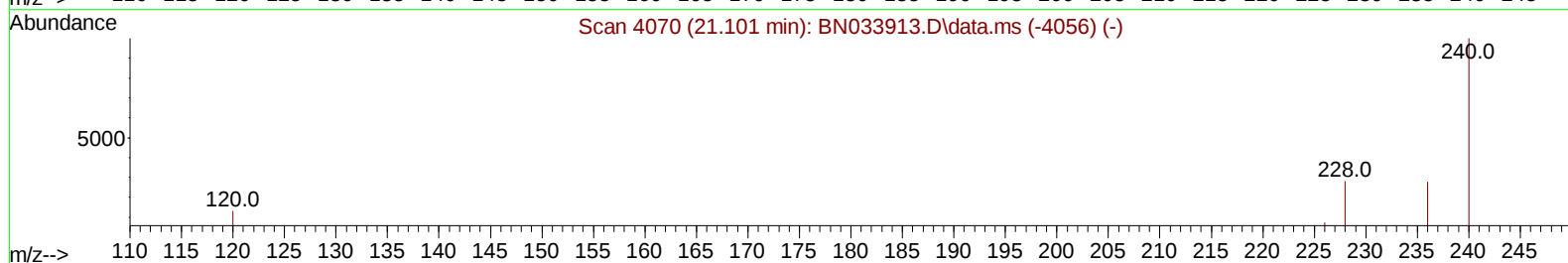
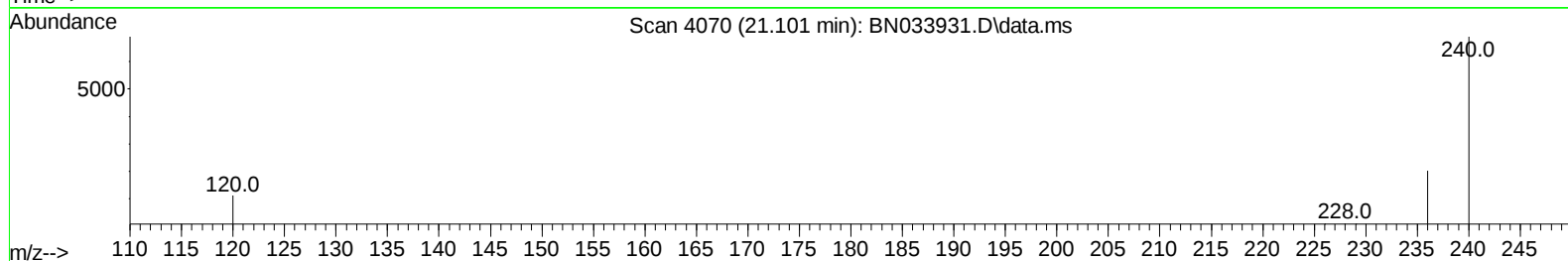
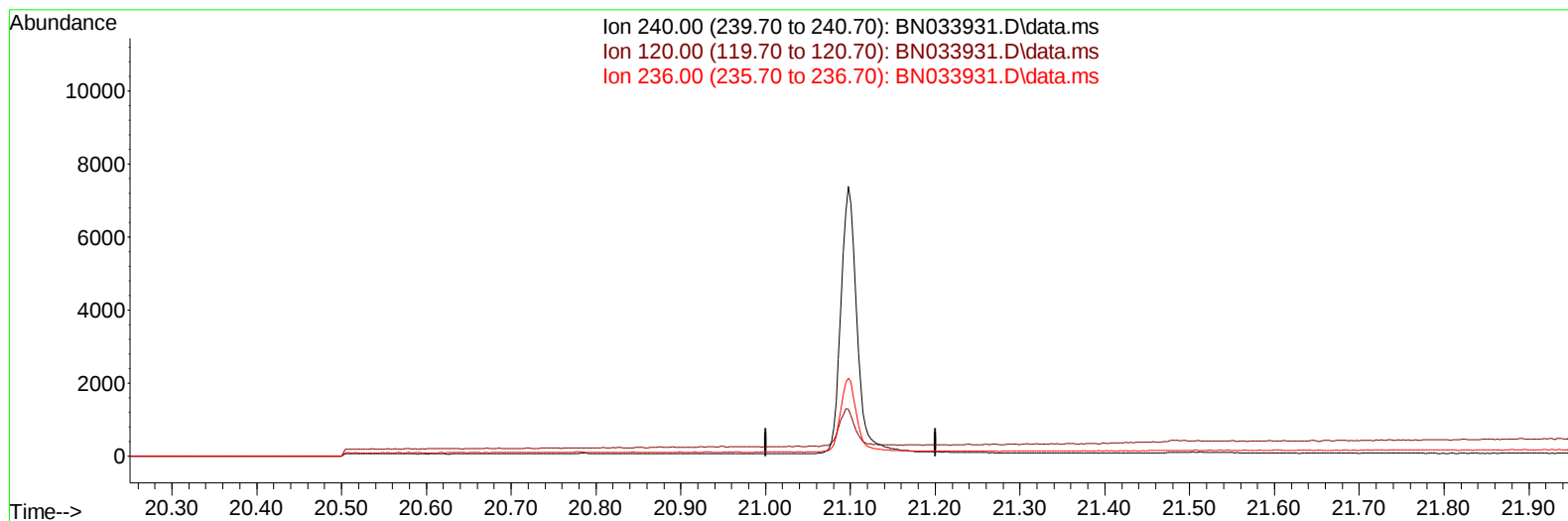
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091424\
Data File : BN033931.D
Acq On : 15 Sep 2024 01:25
Operator : JU/RC
Sample : P3952-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B52

Manual IntegrationsAPPROVED

Quant Time: Sep 15 03:08:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 01:52:43 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



TIC: BN033931.D\data.ms

(17) Chrysene-d12

21.101min (-21.101) 0.00 ng/u1

response 0

Ion	Exp%	Act%
240.00	100.00	0.00
120.00	16.40	0.00#
236.00	28.30	0.00#
0.00	0.00	0.00

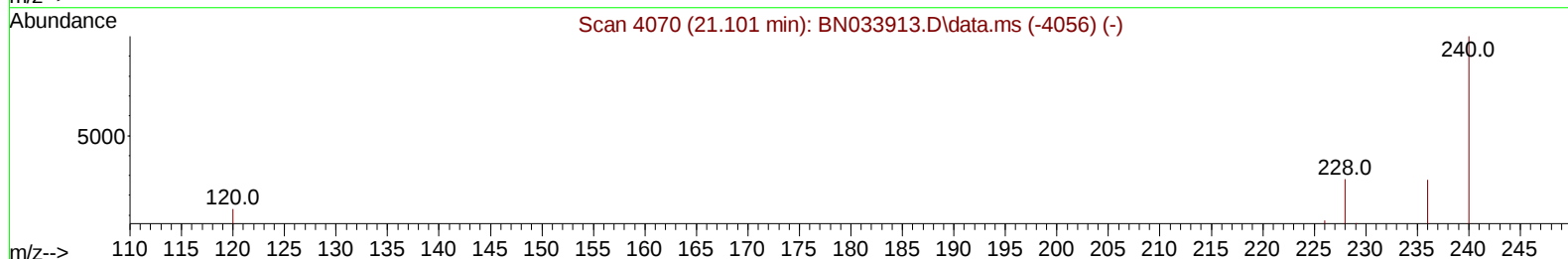
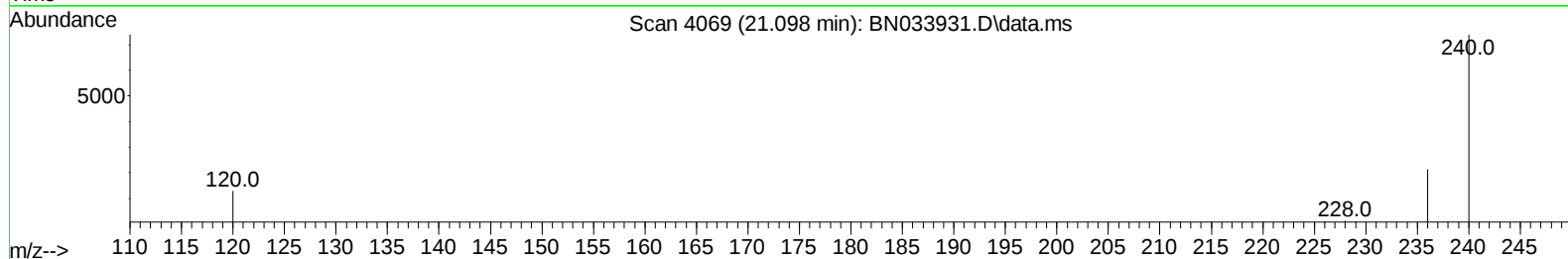
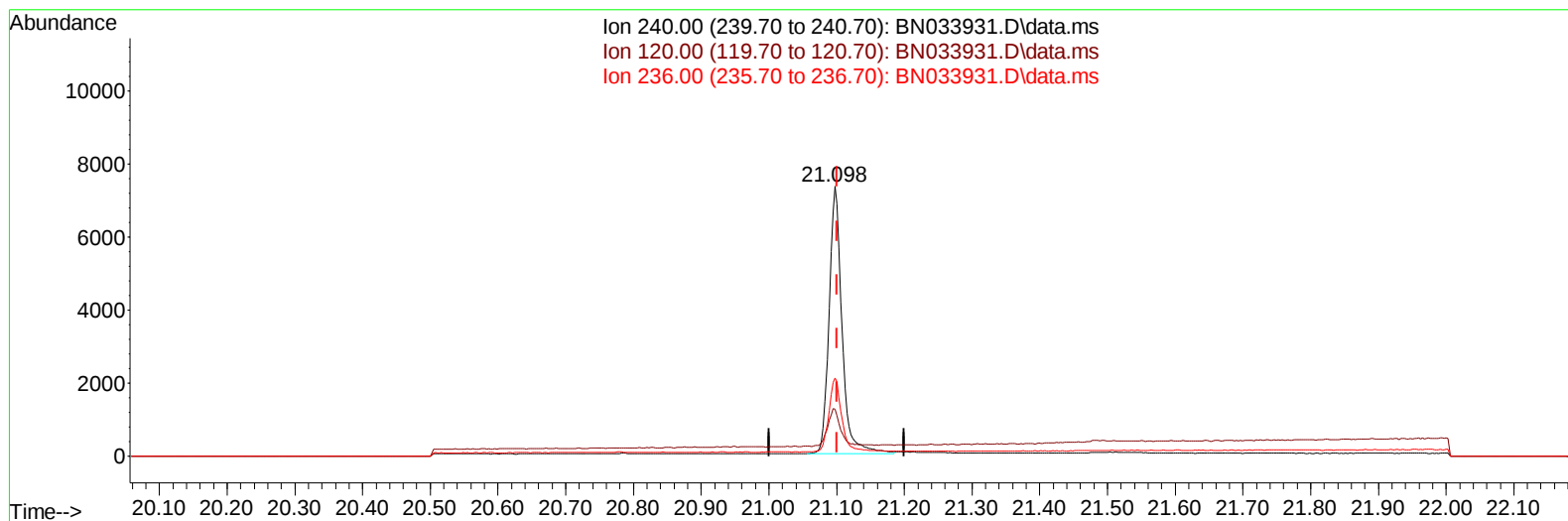
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091424\
Data File : BN033931.D
Acq On : 15 Sep 2024 01:25
Operator : JU/RC
Sample : P3952-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B52

Manual IntegrationsAPPROVED

Quant Time: Sep 15 03:08:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 01:52:43 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



TIC: BN033931.D\data.ms

(17) Chrysene-d12

21.098min (-0.003) 0.40 ng/u1 m

response 9733

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.40	17.35
236.00	28.30	28.91
0.00	0.00	0.00

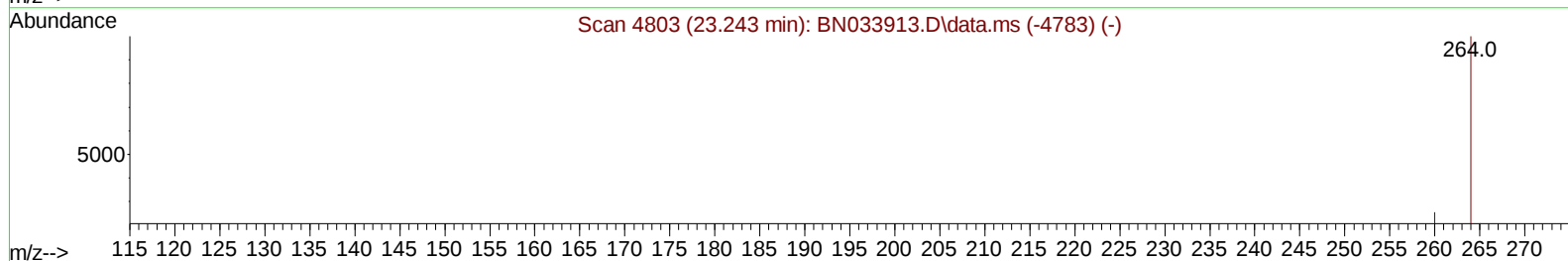
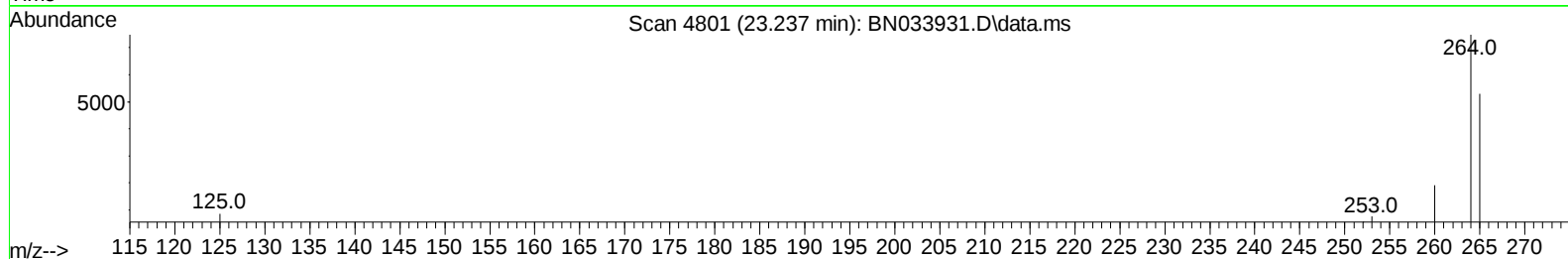
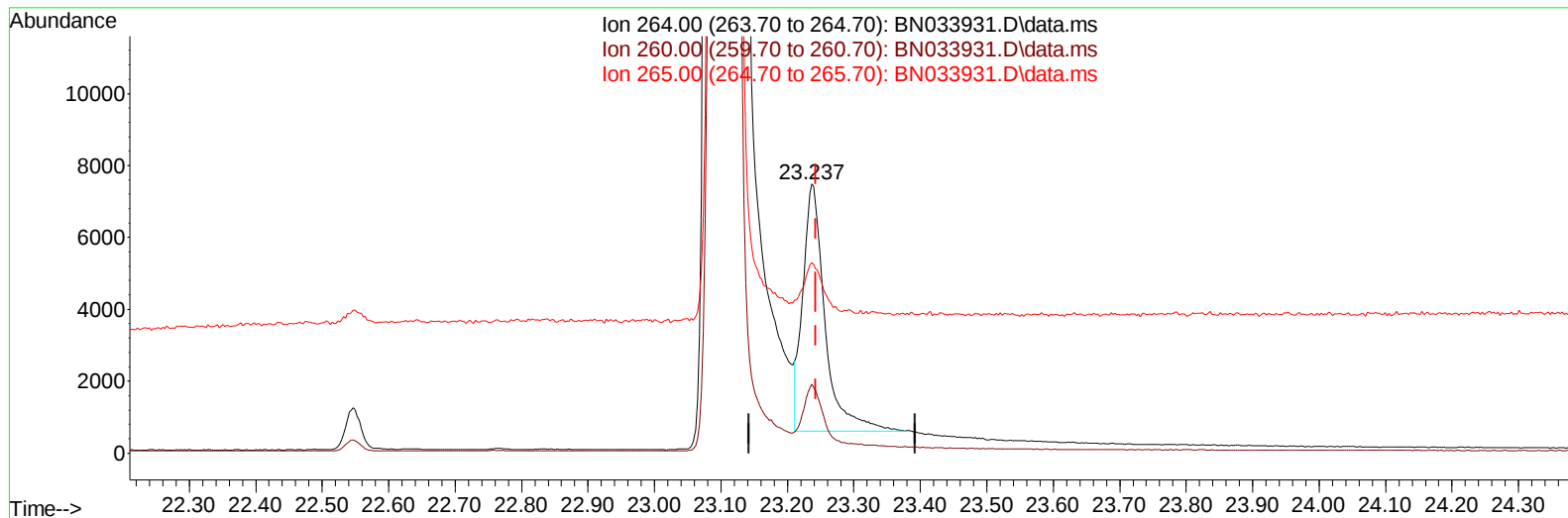
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091424\
Data File : BN033931.D
Acq On : 15 Sep 2024 01:25
Operator : JU/RC
Sample : P3952-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B52

Manual IntegrationsAPPROVED

Quant Time: Sep 15 03:08:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 01:52:43 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



TIC: BN033931.D\data.ms

(23) Perylene-d12 (I)

23.237min (-0.006) 0.40 ng/u1

response 15950

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.60	25.58
265.00	73.30	70.75
0.00	0.00	0.00

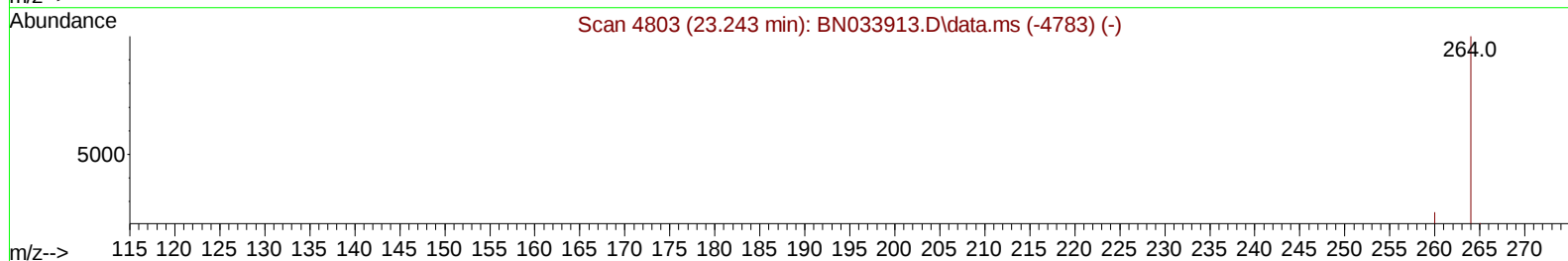
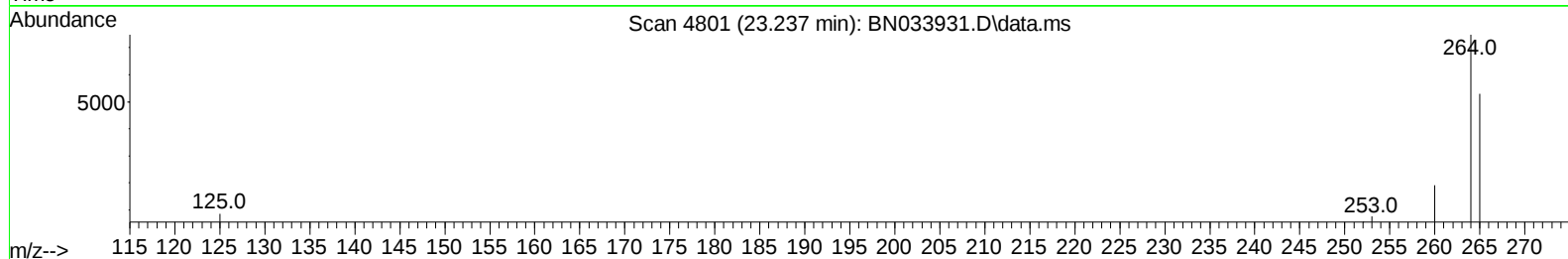
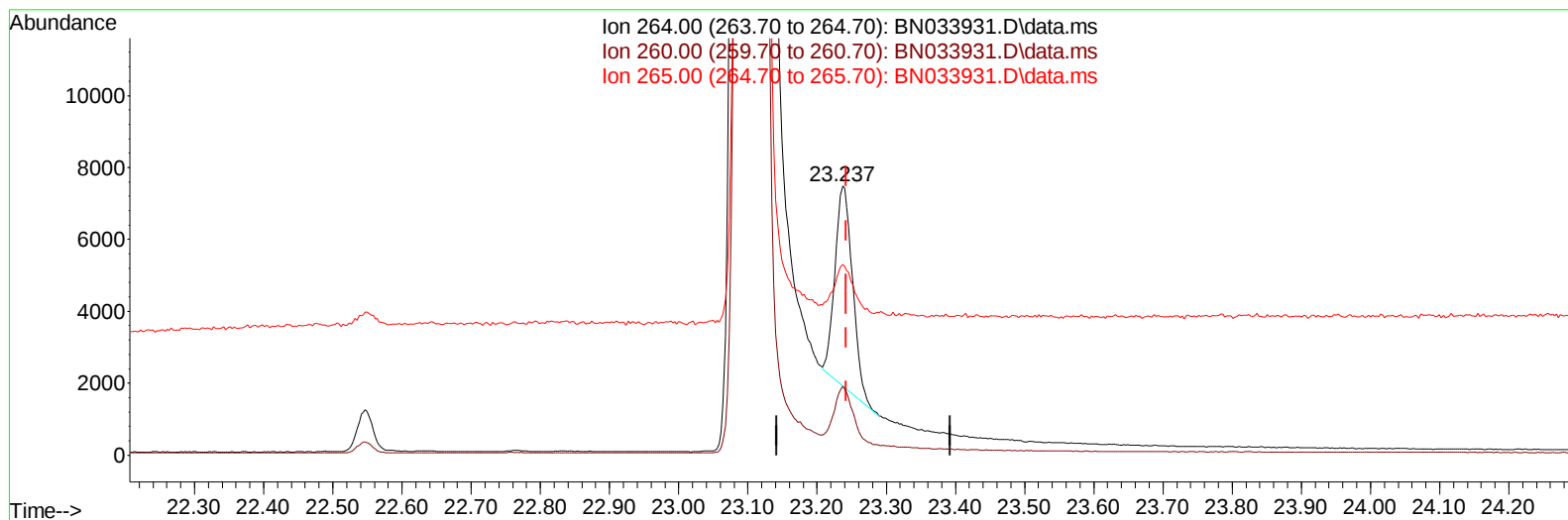
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091424\
Data File : BN033931.D
Acq On : 15 Sep 2024 01:25
Operator : JU/RC
Sample : P3952-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B52

Manual IntegrationsAPPROVED

Quant Time: Sep 15 03:08:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 01:52:43 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



TIC: BN033931.D\data.ms

(23) Perylene-d12 (I)

23.237min (-0.006) 0.40 ng/ul m

response 9749

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.60	25.58
265.00	73.30	70.75
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091424\
 Data File : BN033931.D
 Acq On : 15 Sep 2024 01:25
 Operator : JU/RC
 Sample : P3952-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B52

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/16/2024
 Supervised By :mohammad ahmed 09/17/2024

Quant Time: Sep 15 03:08:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Sep 15 01:52:43 2024
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.485	152		3983	0.400	ng/ul	0.00
4) Naphthalene-d8	10.239	136		11107	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.128	164		5843	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.885	188		12153m	0.400	ng/ul	0.00
17) Chrysene-d12	21.098	240		9733m	0.400	ng/ul	0.00
23) Perylene-d12	23.237	264		9749m	0.400	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.101	96		22326	5.452	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.845	152		5571	0.350	ng/ul	0.00
18) Fluoranthene-d10	18.925	212		13474	0.464	ng/ul	0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.135	88		4852	1.068	ng/ul#	86

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

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091424\  
Data File : BN033931.D  
Acq On    : 15 Sep 2024  01:25  
Operator  : JU/RC  
Sample    : P3952-05  
Misc      :  
ALS Vial  : 21    Sample Multiplier: 1
```

Instrument :
BNA_N
ClientSampleId :
C0B52

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

Quant Time: Sep 15 03:08:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Qlast Update : Sun Sep 15 01:52:43 2024
Response via : Initial Calibration

