

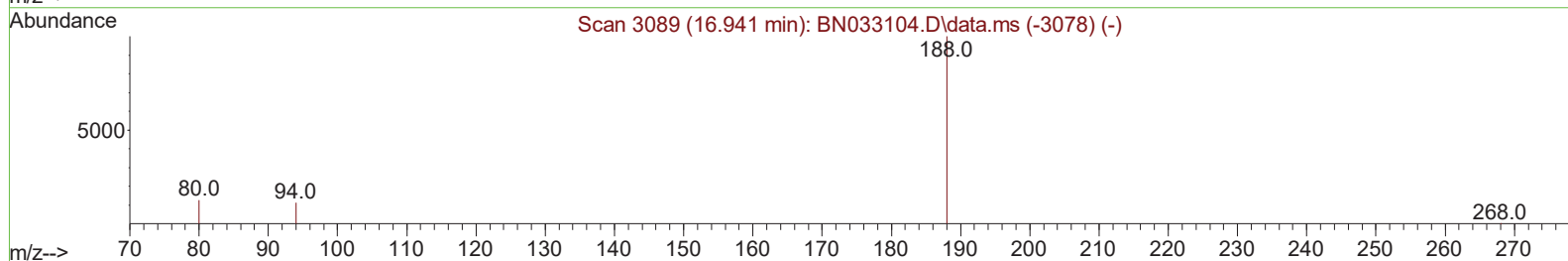
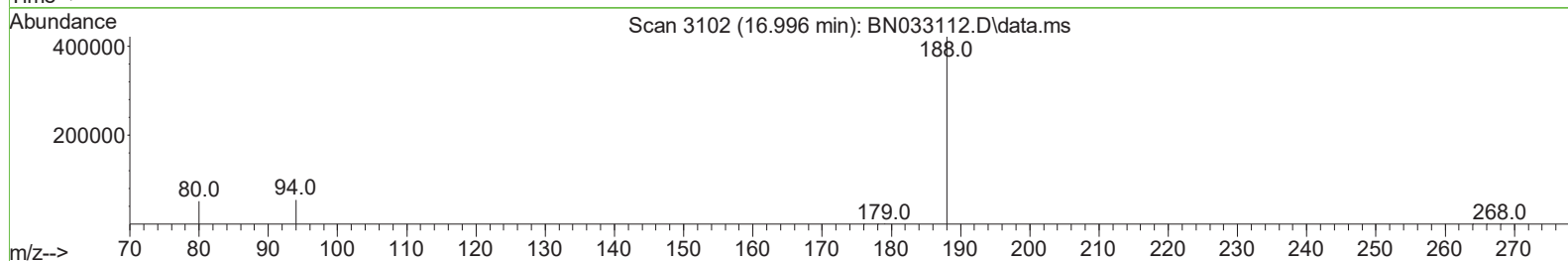
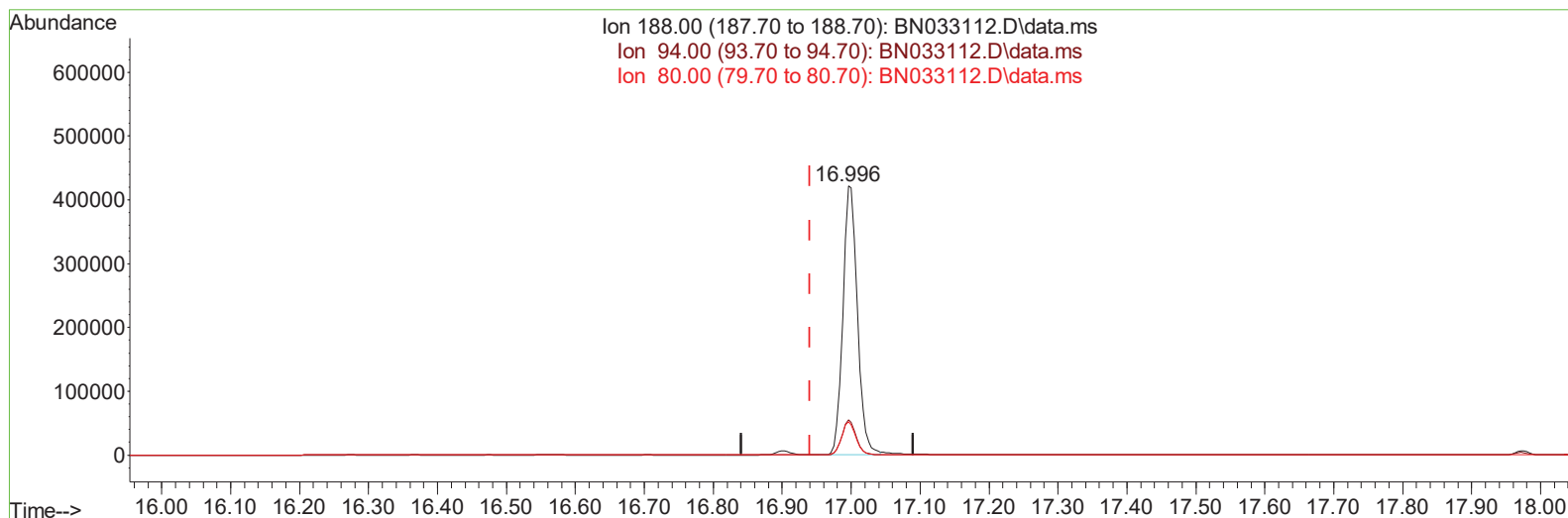
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033112.D
Acq On : 30 Jul 2024 18:40
Operator : MA/JU
Sample : P3347-07
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AZ6

Manual IntegrationsAPPROVED

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

Quant Time: Jul 30 23:57:45 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



TIC: BN033112.D\data.ms

(13) Phenanthrene-d10 (I)

16.996min (+ 0.055) 0.40 ng/u1

response 614668

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	13.06
80.00	13.10	12.33
0.00	0.00	0.00

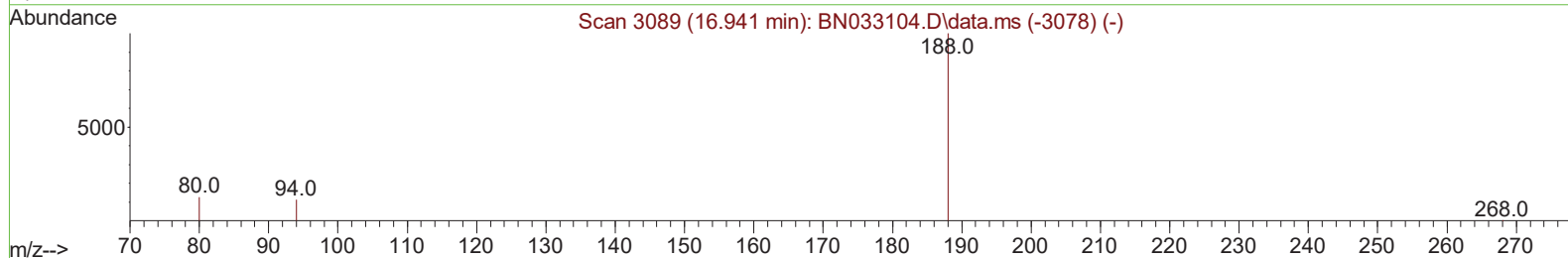
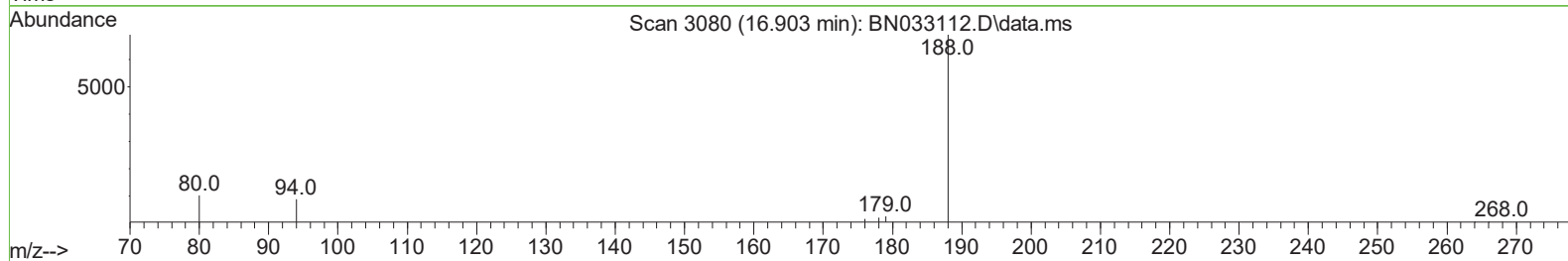
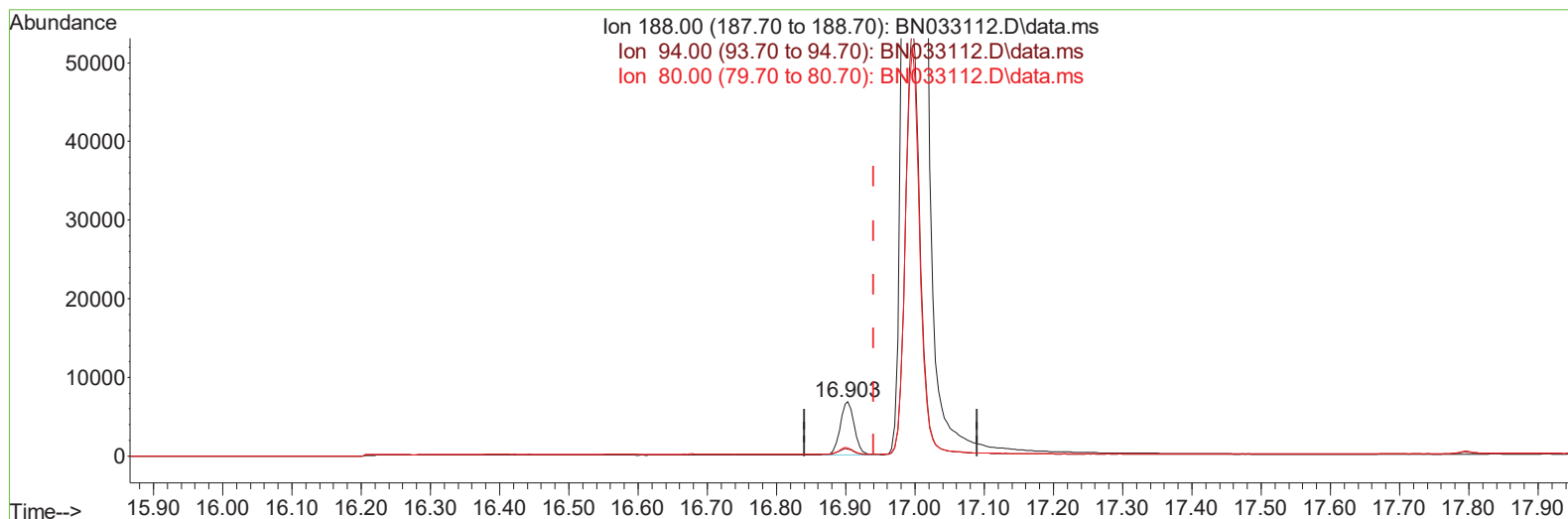
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033112.D
Acq On : 30 Jul 2024 18:40
Operator : MA/JU
Sample : P3347-07
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AZ6

Manual IntegrationsAPPROVED

Quant Time: Jul 30 23:57:45 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: BN033112.D\data.ms

(13) Phenanthrene-d10 (I)

16.903min (-0.038) 0.40 ng/ul m

response 9653

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	12.92
80.00	13.10	14.74
0.00	0.00	0.00

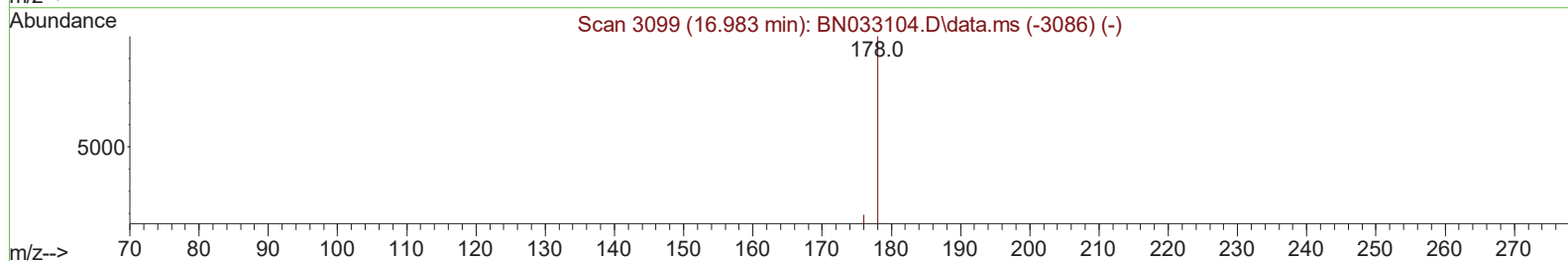
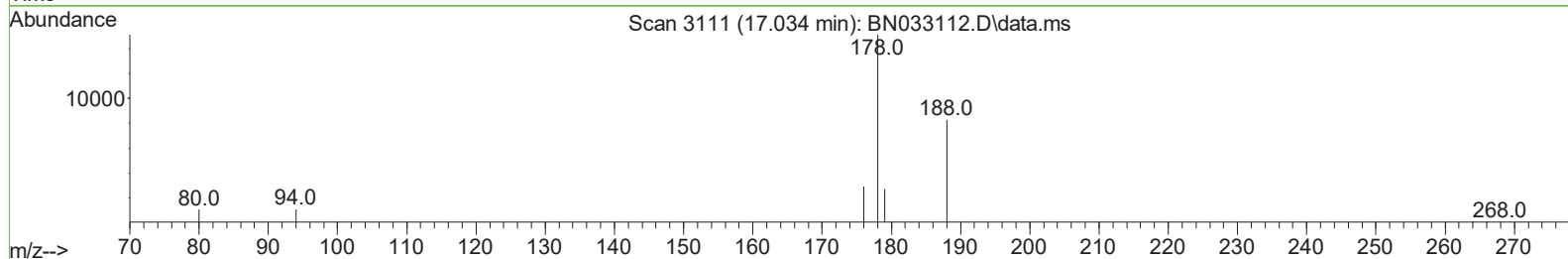
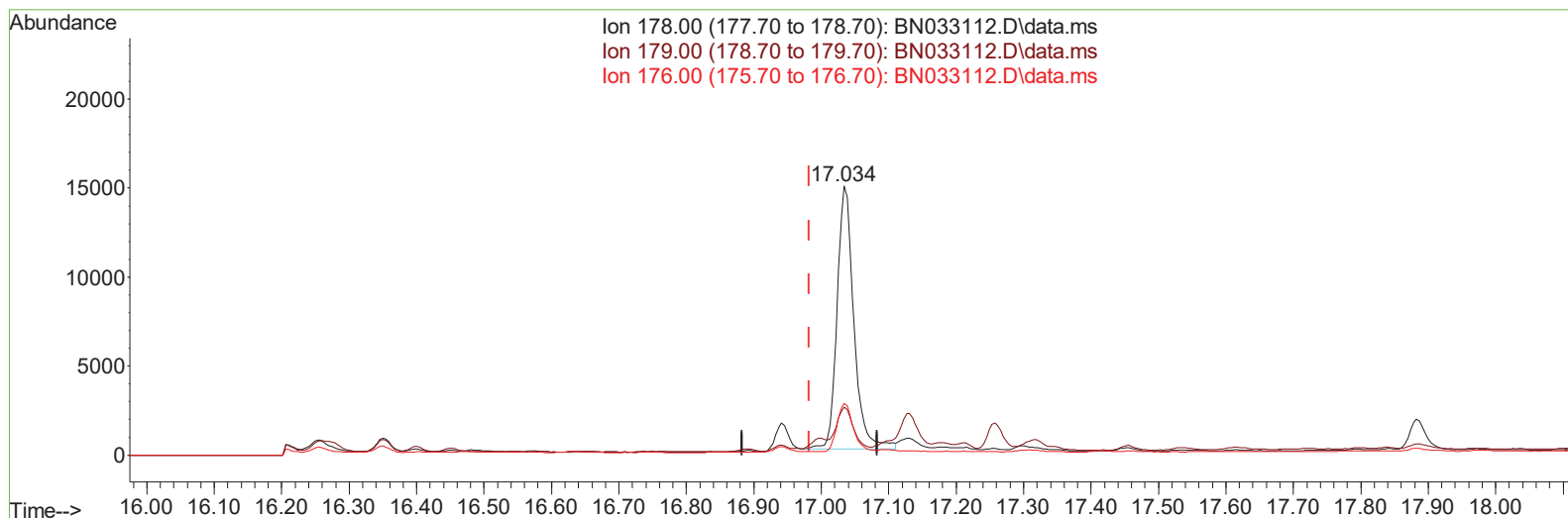
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033112.D
Acq On : 30 Jul 2024 18:40
Operator : MA/JU
Sample : P3347-07
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AZ6

Manual IntegrationsAPPROVED

Quant Time: Jul 30 23:57:45 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: BN033112.D\data.ms

(15) Phenanthrene

17.034min (+ 0.051) 1.00 ng/u1

response 25814

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.10	17.80
176.00	19.90	19.19
0.00	0.00	0.00

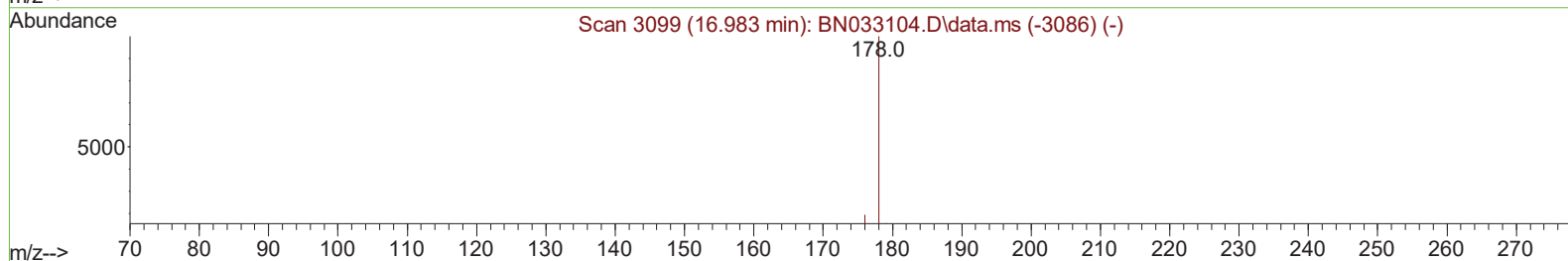
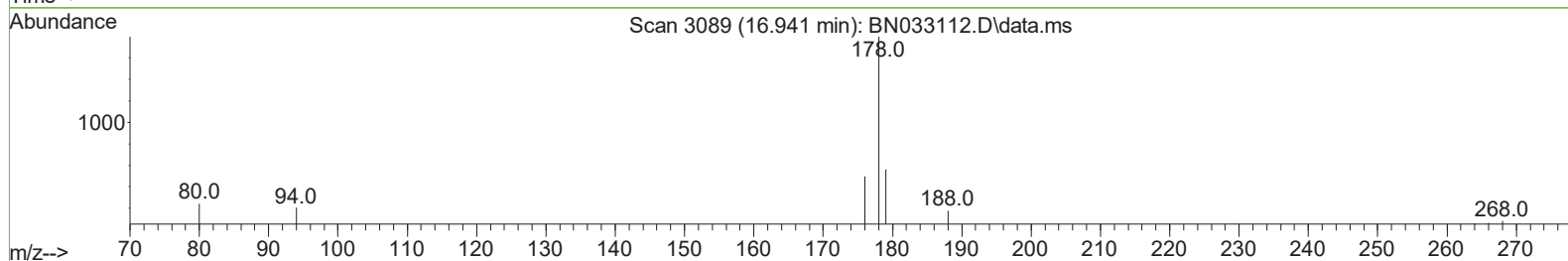
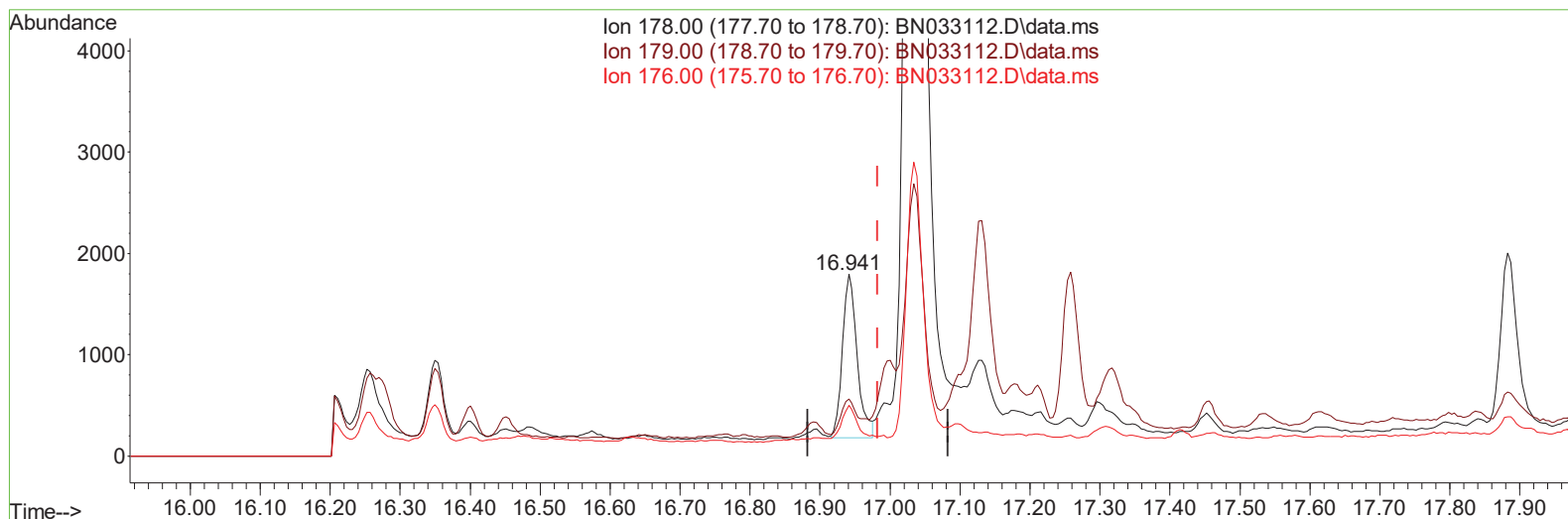
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033112.D
Acq On : 30 Jul 2024 18:40
Operator : MA/JU
Sample : P3347-07
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AZ6

Manual IntegrationsAPPROVED

Quant Time: Jul 30 23:57:45 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: BN033112.D\data.ms

(15) Phenanthrene

16.941min (-0.042) 0.09 ng/ul m

response 2352

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.10	31.24#
176.00	19.90	27.84#
0.00	0.00	0.00

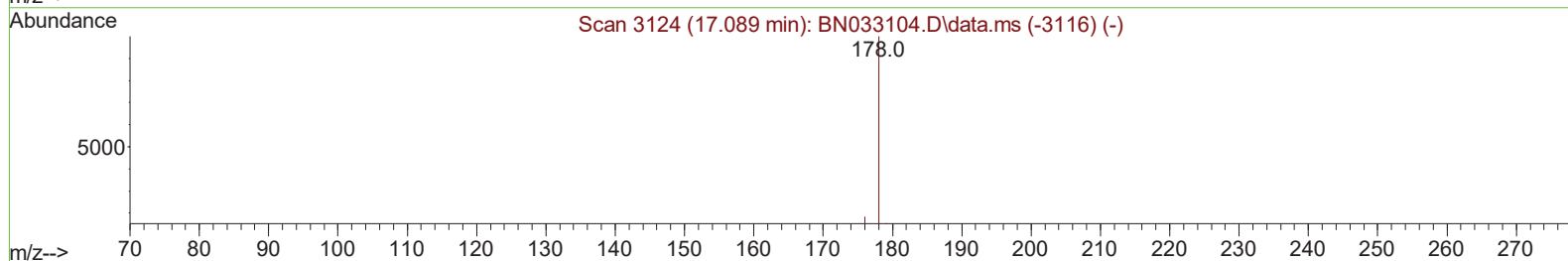
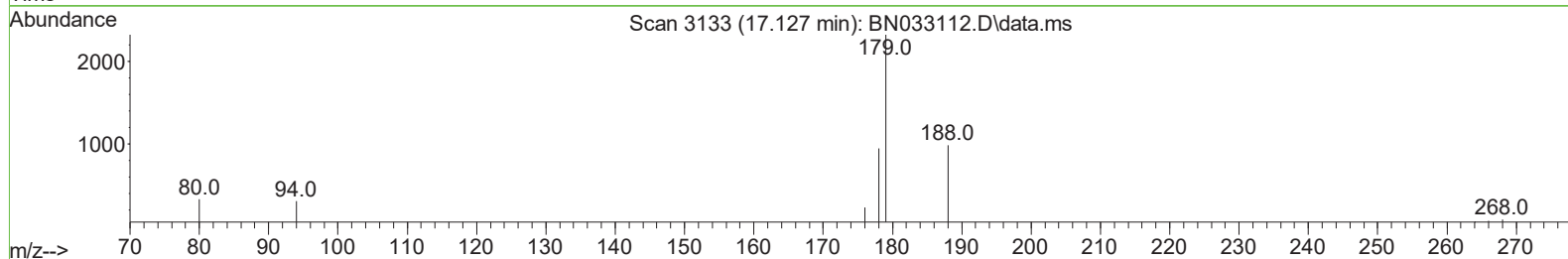
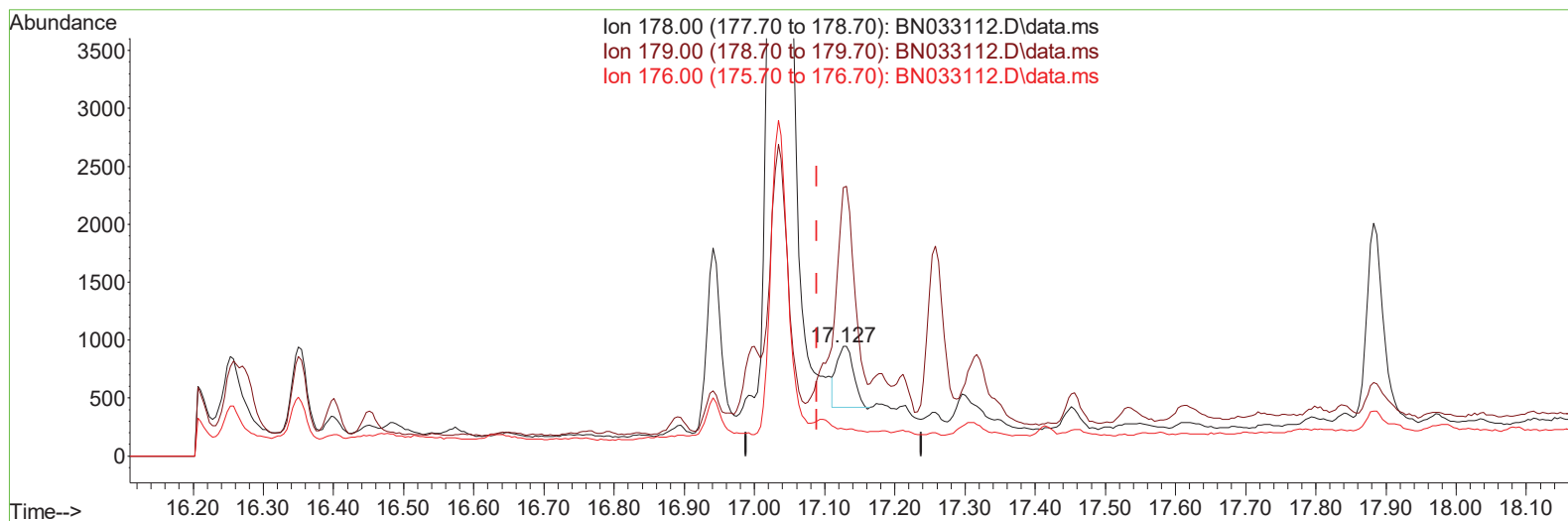
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033112.D
Acq On : 30 Jul 2024 18:40
Operator : MA/JU
Sample : P3347-07
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AZ6

Manual IntegrationsAPPROVED

Quant Time: Jul 30 23:57:45 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: BN033112.D\data.ms

(16) Anthracene

17.127min (+ 0.038) 0.04 ng/u1

response 889

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.90	245.66#
176.00	19.80	24.47#
0.00	0.00	0.00

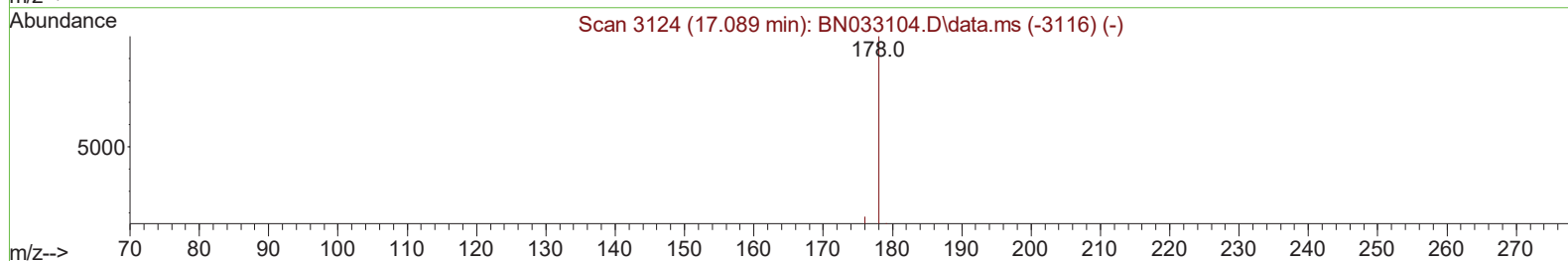
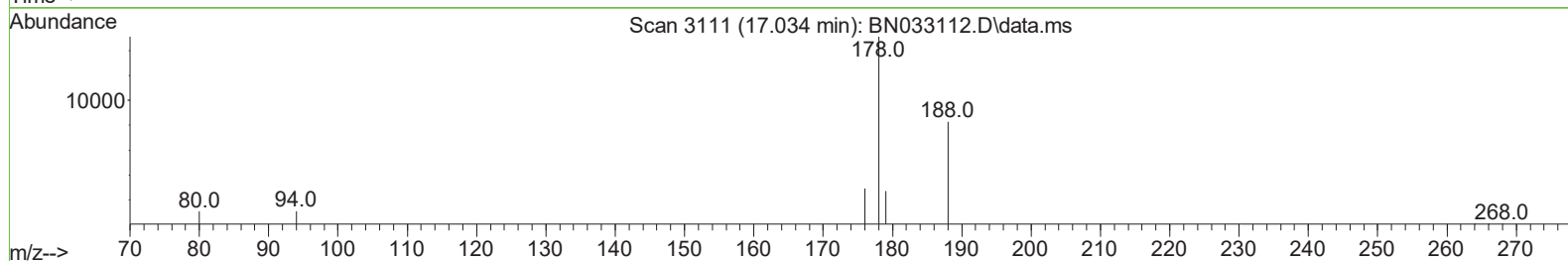
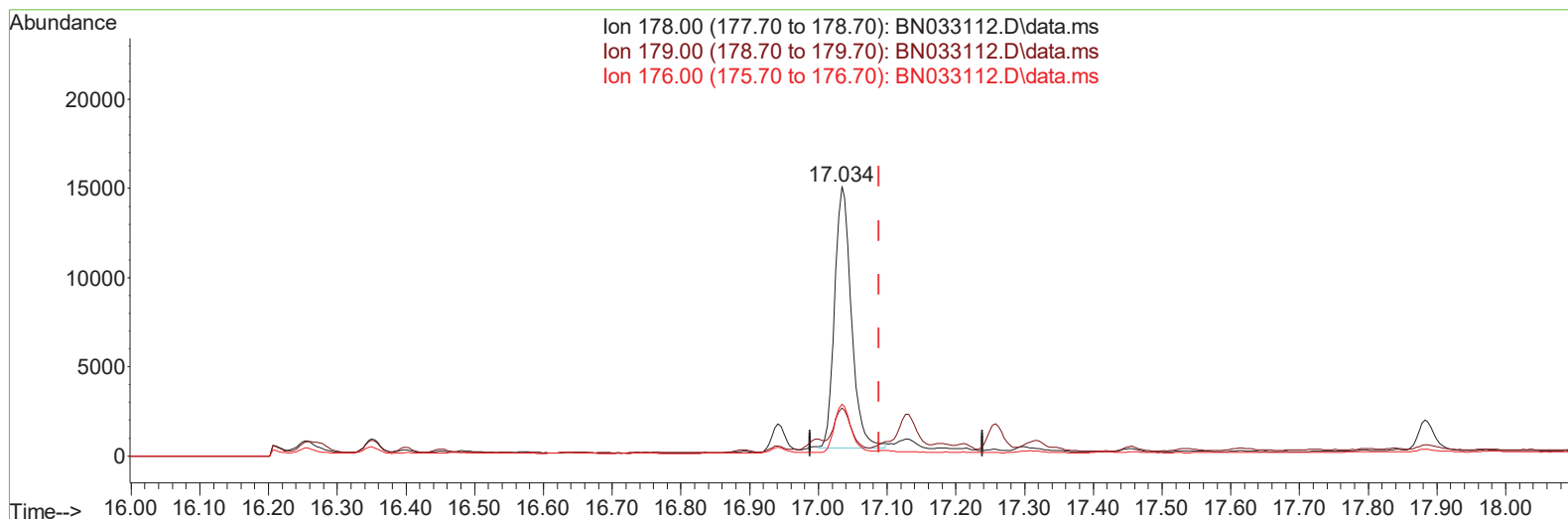
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033112.D
Acq On : 30 Jul 2024 18:40
Operator : MA/JU
Sample : P3347-07
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AZ6

Manual IntegrationsAPPROVED

Quant Time: Jul 30 23:57:45 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: BN033112.D\data.ms

(16) Anthracene

17.034min (-0.055) 1.06 ng/ul m

response 24722

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.90	17.80
176.00	19.80	19.19
0.00	0.00	0.00

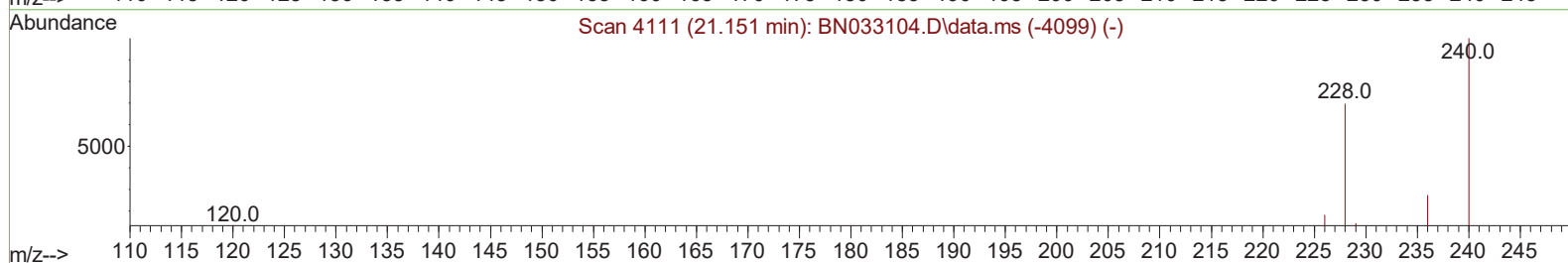
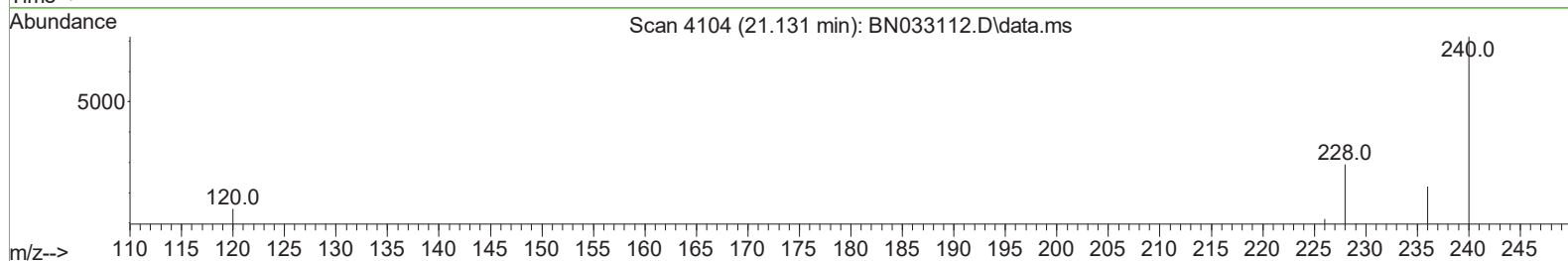
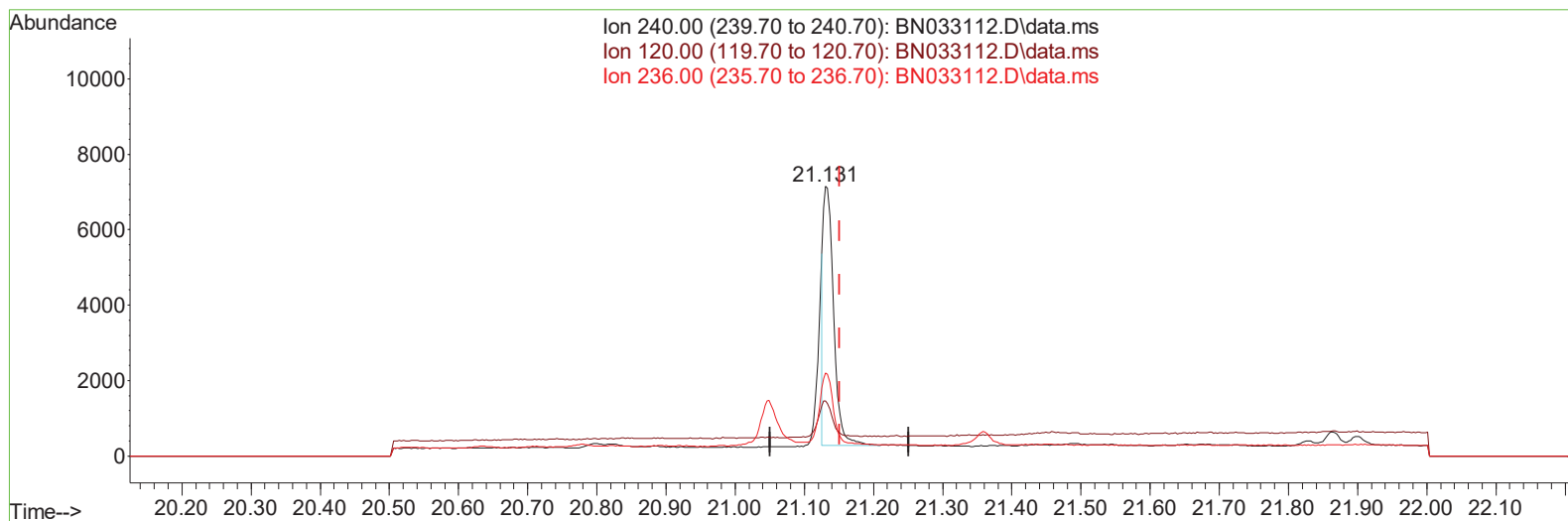
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033112.D
Acq On : 30 Jul 2024 18:40
Operator : MA/JU
Sample : P3347-07
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AZ6

Manual IntegrationsAPPROVED

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

Quant Time: Jul 30 23:57:45 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



TIC: BN033112.D\data.ms

(17) Chrysene-d12

21.131min (-0.020) 0.40 ng/u1

response 7155

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	21.40	20.42
236.00	29.50	30.81
0.00	0.00	0.00

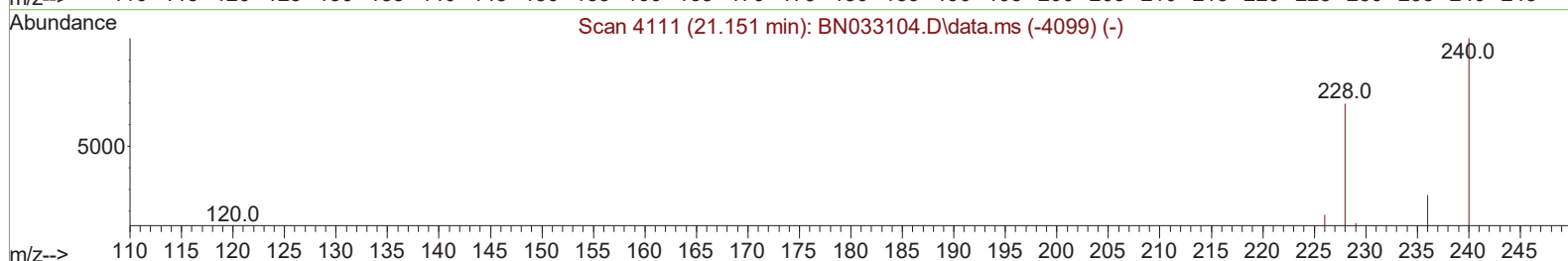
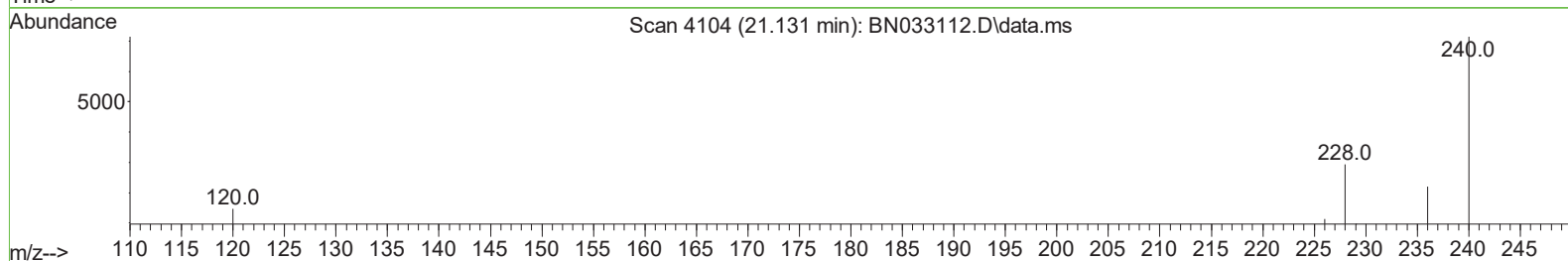
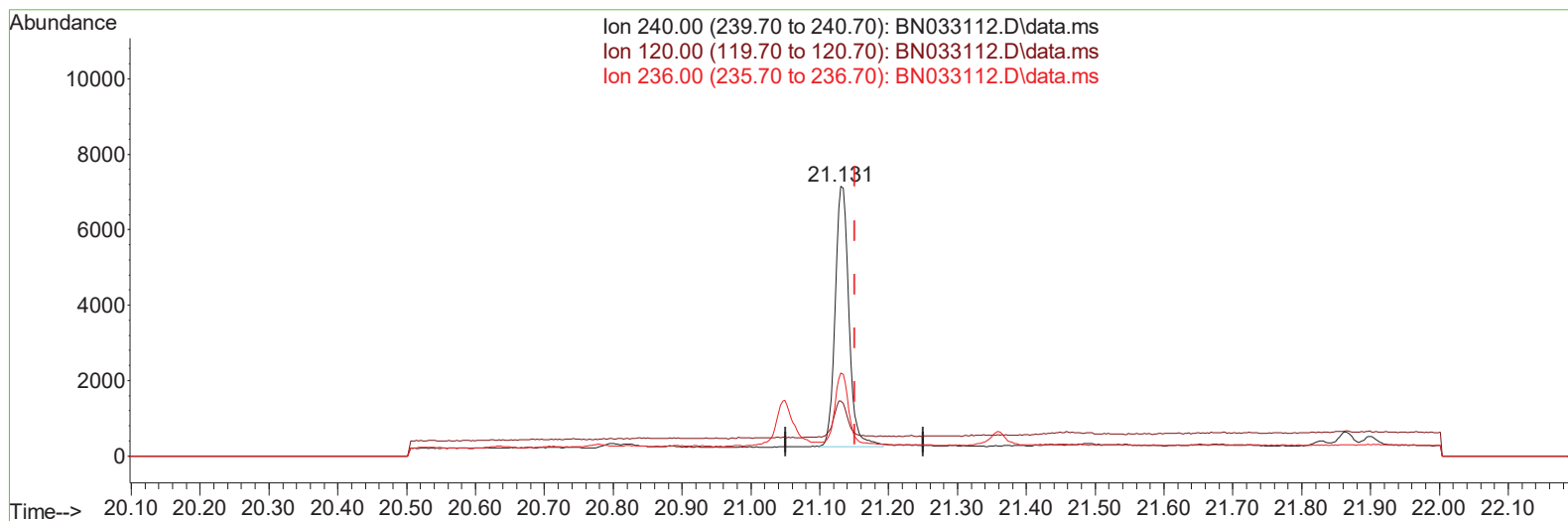
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033112.D
Acq On : 30 Jul 2024 18:40
Operator : MA/JU
Sample : P3347-07
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AZ6

Manual IntegrationsAPPROVED

Quant Time: Jul 30 23:57:45 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: BN033112.D\data.ms

(17) Chrysene-d12

21.131min (-0.020) 0.40 ng/ul m

response 9670

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	21.40	20.42
236.00	29.50	30.81
0.00	0.00	0.00

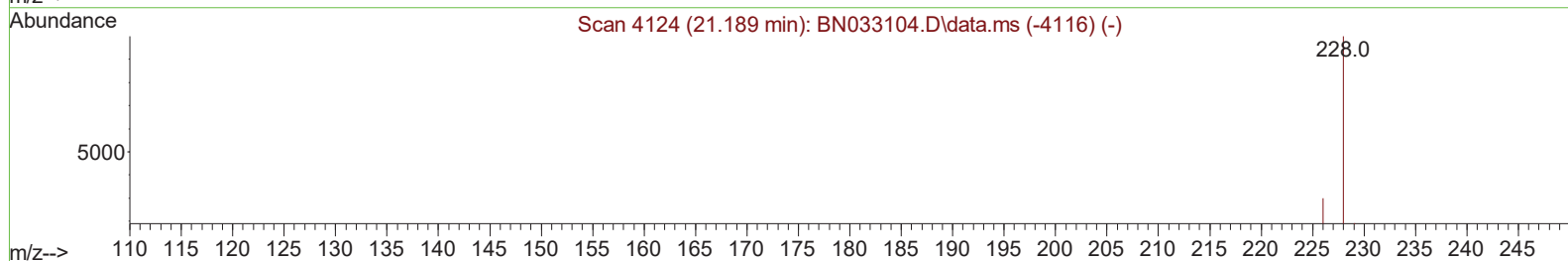
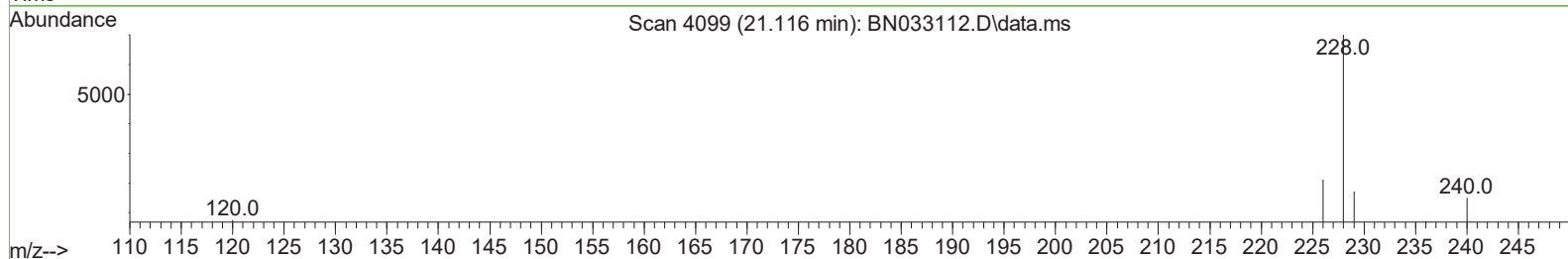
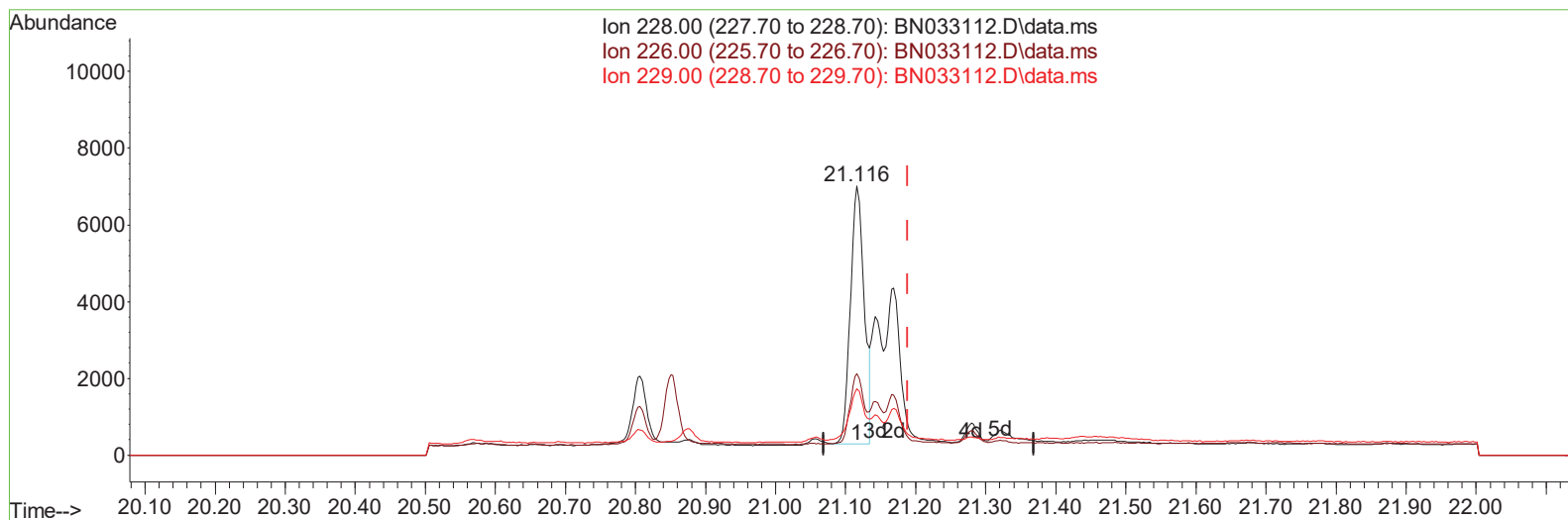
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033112.D
Acq On : 30 Jul 2024 18:40
Operator : MA/JU
Sample : P3347-07
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AZ6

Manual IntegrationsAPPROVED

Quant Time: Jul 30 23:57:45 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: BN033112.D\data.ms

(22) Chrysene

21.116min (-0.073) 0.24 ng/u1

response 9182

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.90	30.34
229.00	21.30	24.64
0.00	0.00	0.00

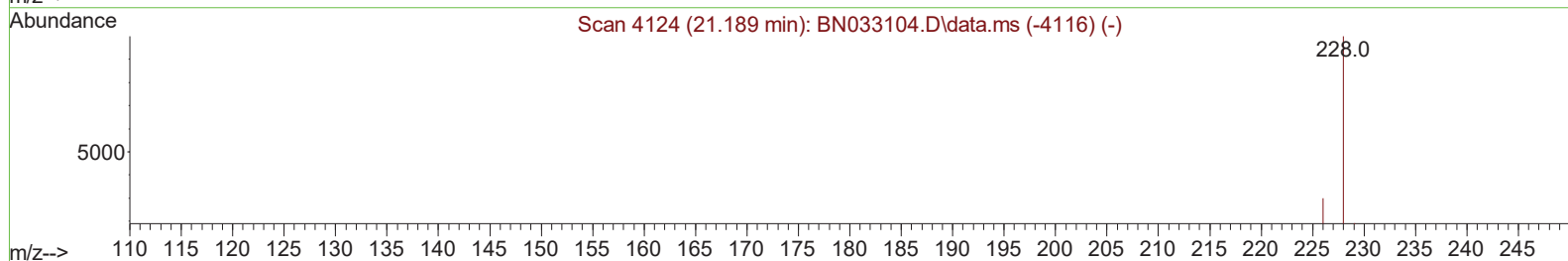
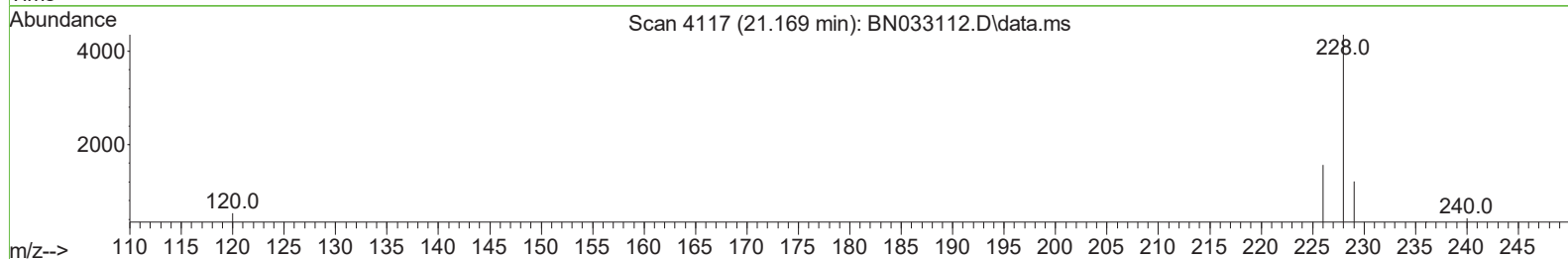
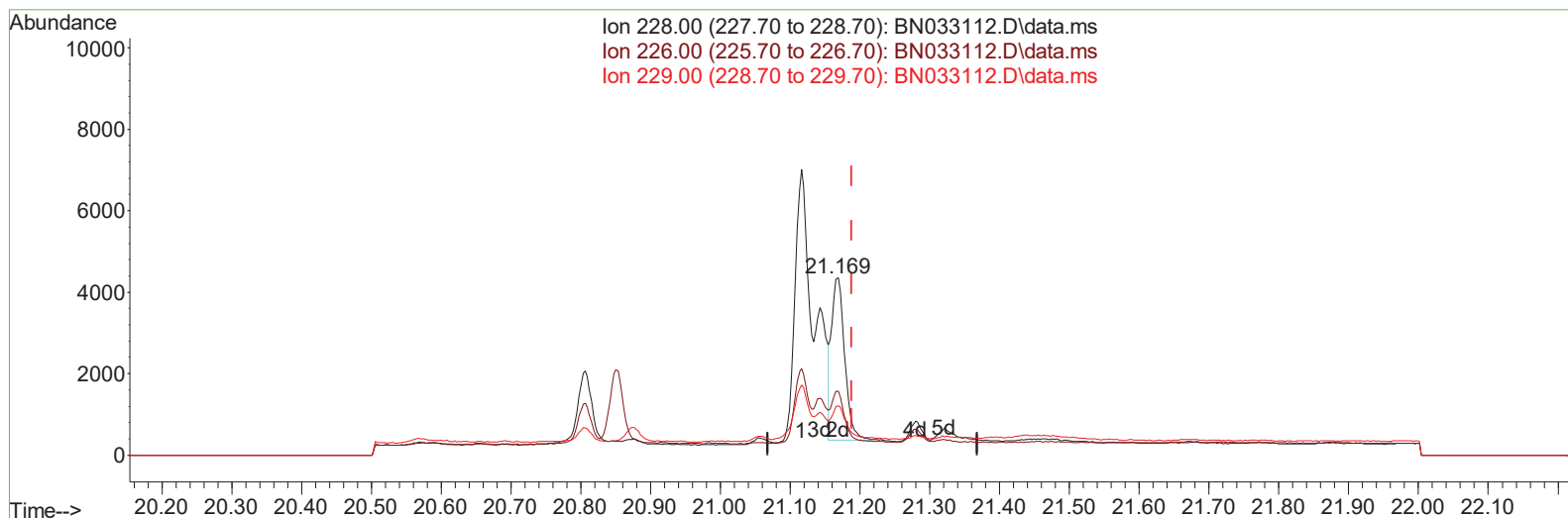
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033112.D
Acq On : 30 Jul 2024 18:40
Operator : MA/JU
Sample : P3347-07
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AZ6

Manual IntegrationsAPPROVED

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

Quant Time: Jul 30 23:57:45 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



TIC: BN033112.D\data.ms

(22) Chrysene

21.169min (-0.020) 0.14 ng/ul m

response 5256

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.90	35.99
229.00	21.30	27.81#
0.00	0.00	0.00

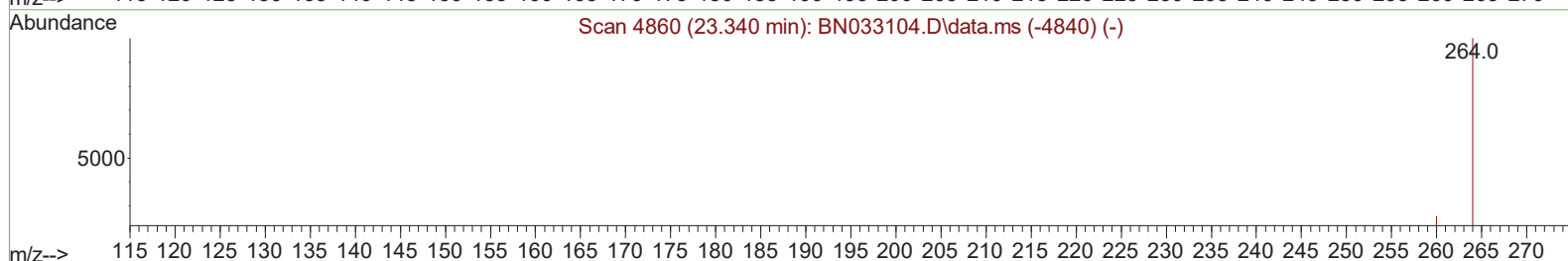
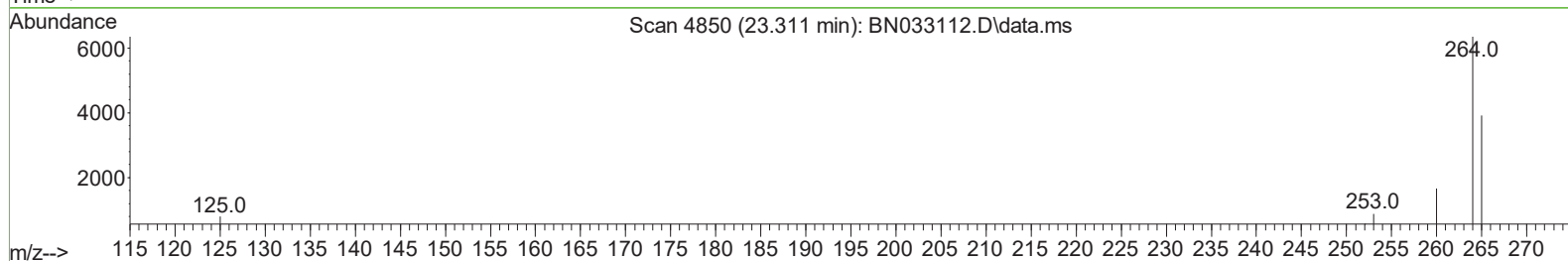
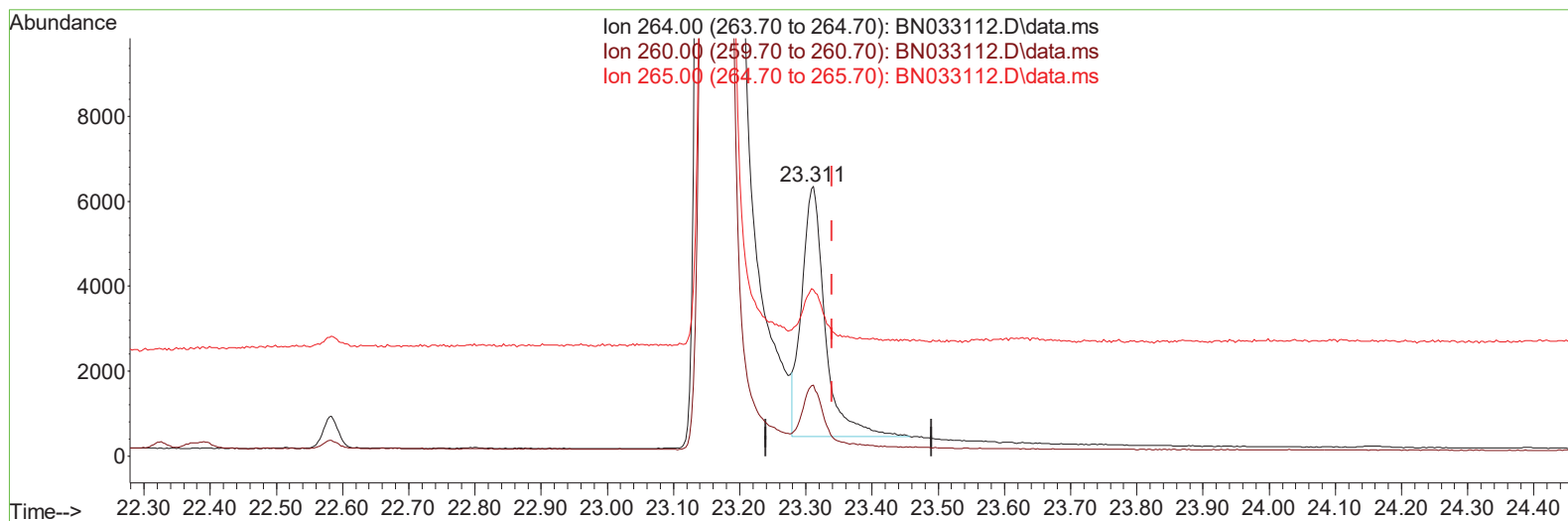
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033112.D
Acq On : 30 Jul 2024 18:40
Operator : MA/JU
Sample : P3347-07
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AZ6

Manual IntegrationsAPPROVED

Quant Time: Jul 30 23:57:45 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: BN033112.D\data.ms

(23) Perylene-d12 (I)

23.311min (-0.029) 0.40 ng/u1

response 14301

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.50	26.35
265.00	80.60	61.69#
0.00	0.00	0.00

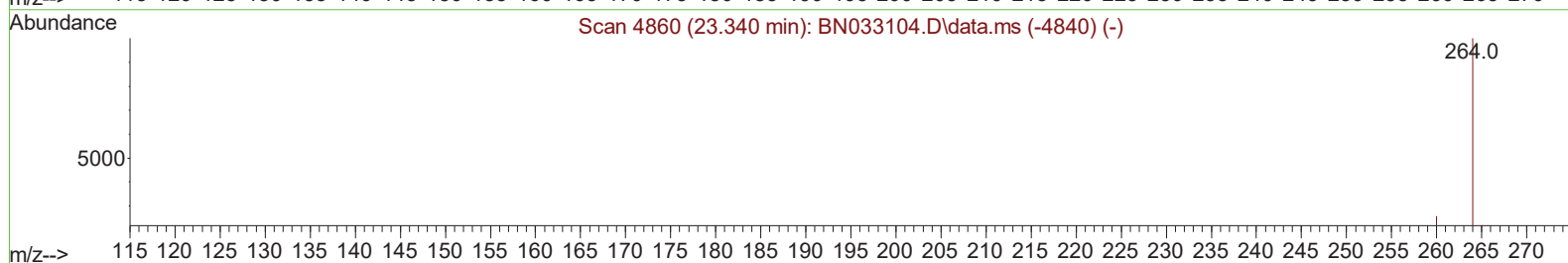
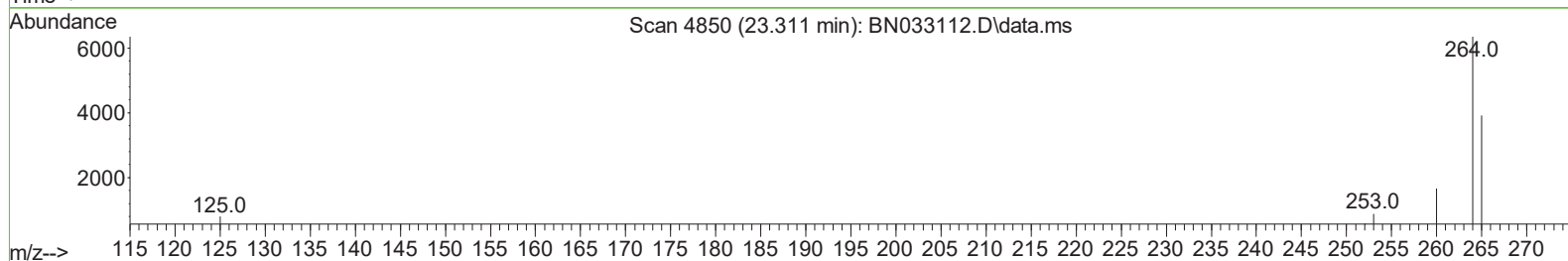
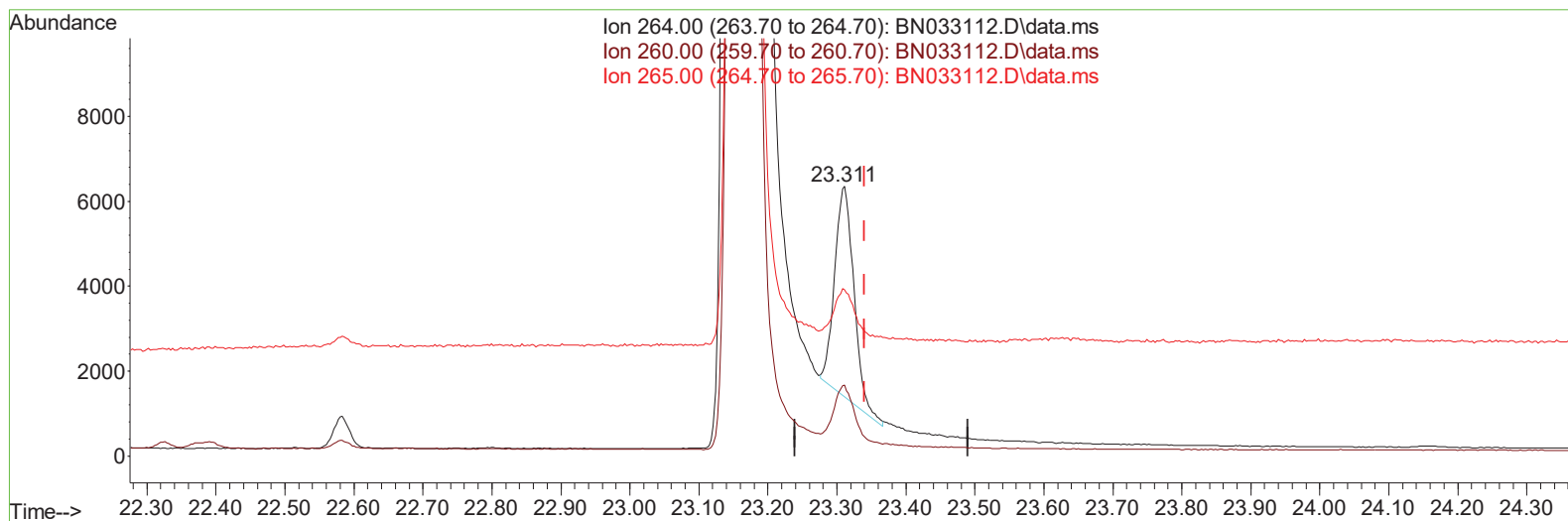
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033112.D
Acq On : 30 Jul 2024 18:40
Operator : MA/JU
Sample : P3347-07
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AZ6

Manual IntegrationsAPPROVED

Quant Time: Jul 30 23:57:45 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: BN033112.D\data.ms

(23) Perylene-d12 (I)

23.311min (-0.029) 0.40 ng/ul m

response 9491

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.50	26.35
265.00	80.60	61.69#
0.00	0.00	0.00

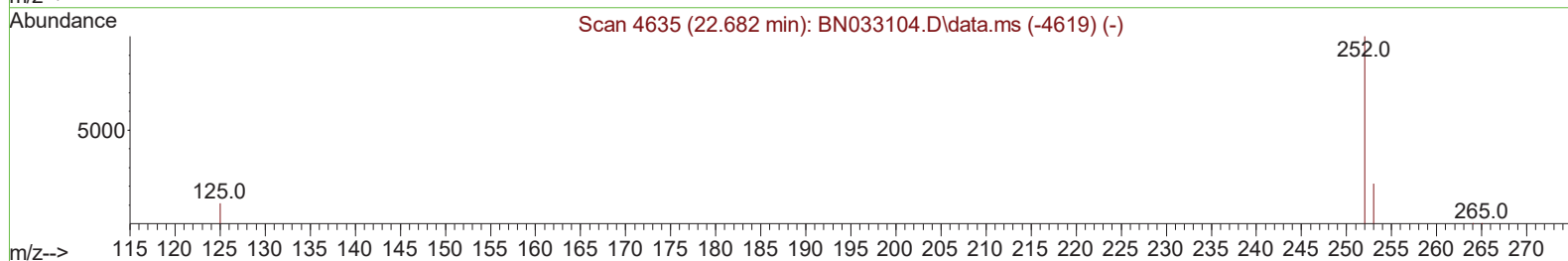
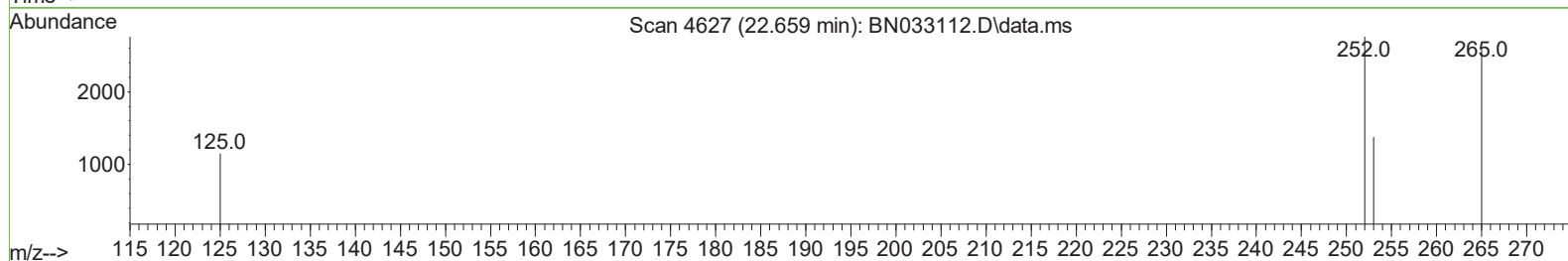
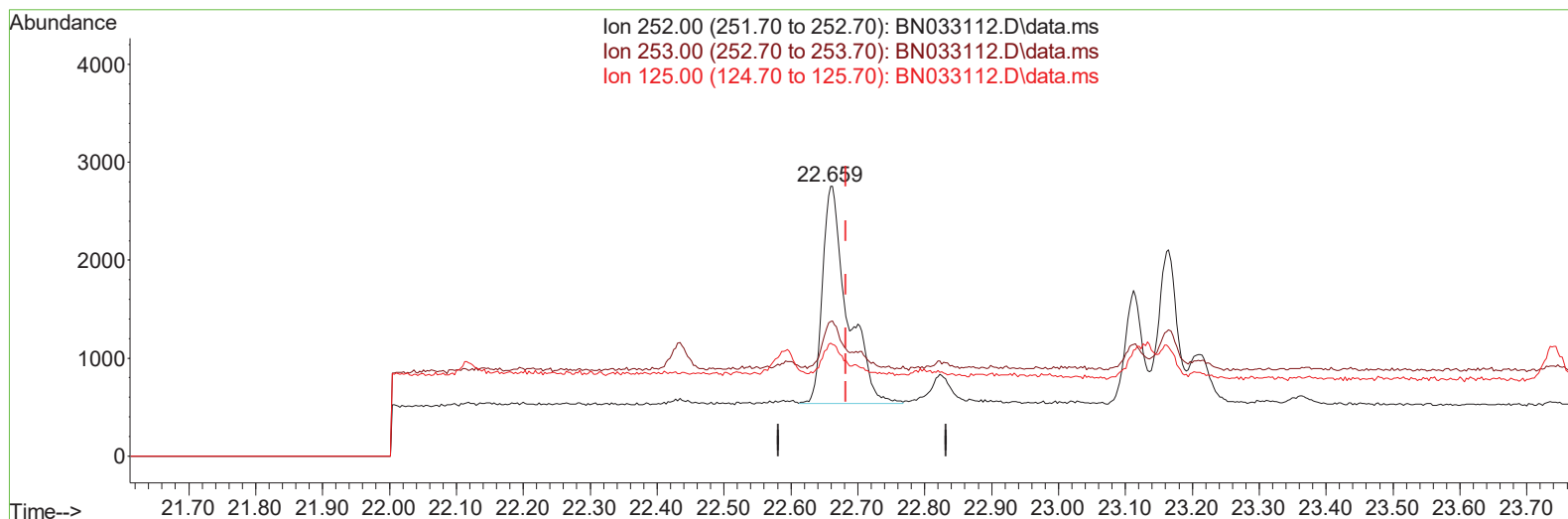
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033112.D
Acq On : 30 Jul 2024 18:40
Operator : MA/JU
Sample : P3347-07
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AZ6

Manual IntegrationsAPPROVED

Quant Time: Jul 30 23:57:45 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: BN033112.D\data.ms

(24) Benzo(b)fluoranthene

22.659min (-0.023) 0.21 ng/u1

response 5777

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.30	49.98
125.00	25.50	41.85
0.00	0.00	0.00

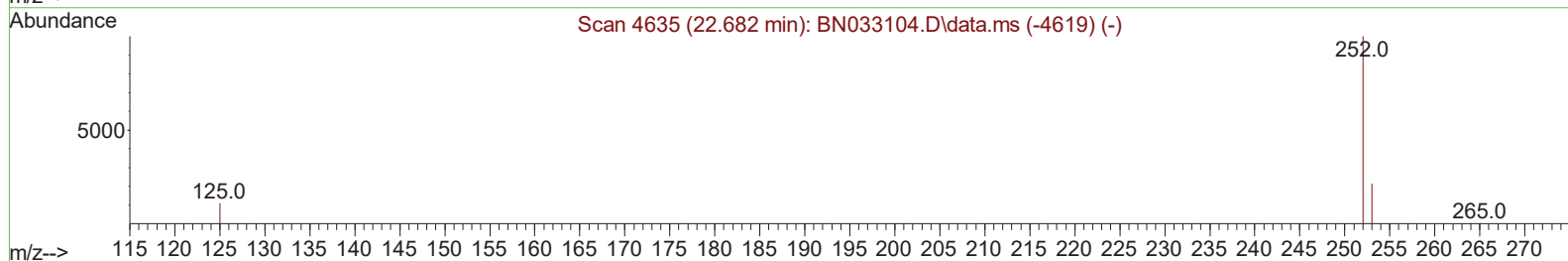
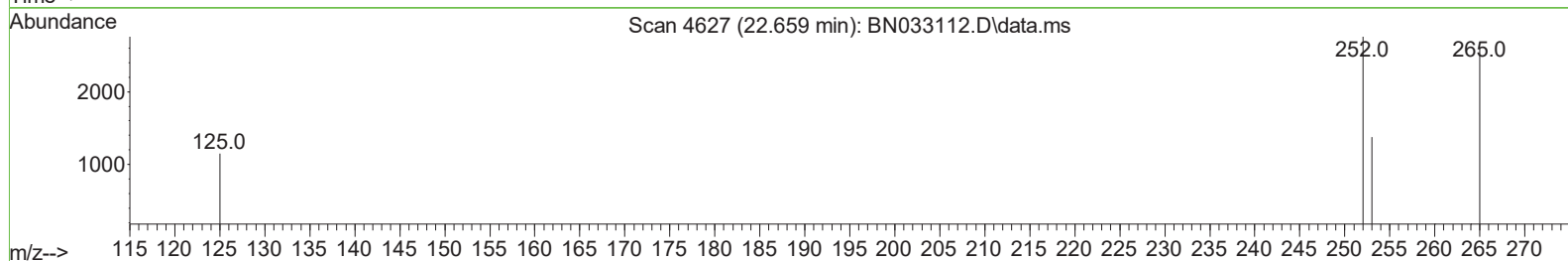
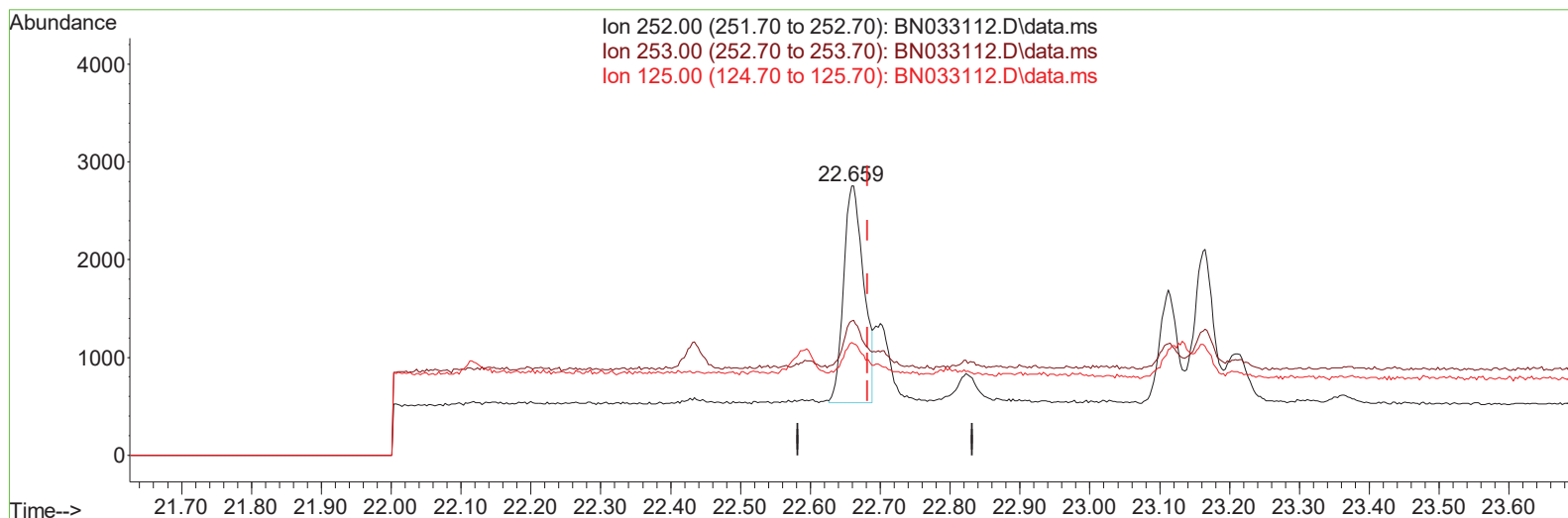
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033112.D
Acq On : 30 Jul 2024 18:40
Operator : MA/JU
Sample : P3347-07
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AZ6

Manual IntegrationsAPPROVED

Quant Time: Jul 30 23:57:45 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: BN033112.D\data.ms

(24) Benzo(b)fluoranthene

22.659min (-0.023) 0.16 ng/ul m

response 4412

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.30	49.98
125.00	25.50	41.85
0.00	0.00	0.00

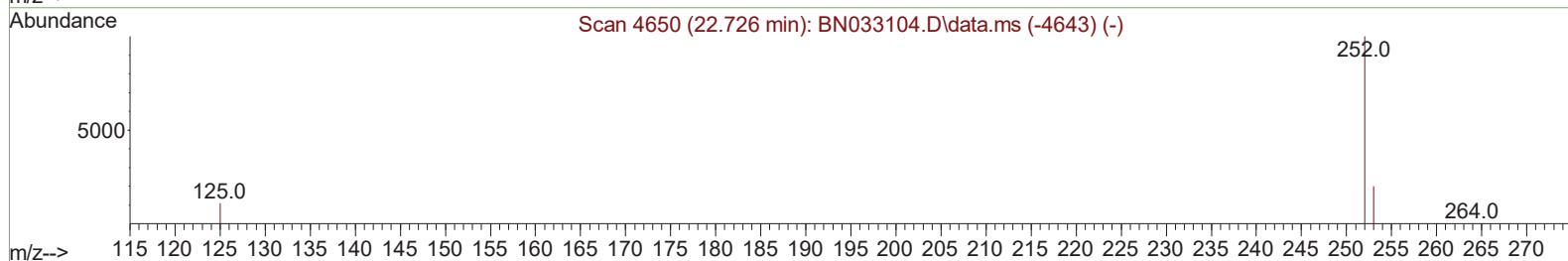
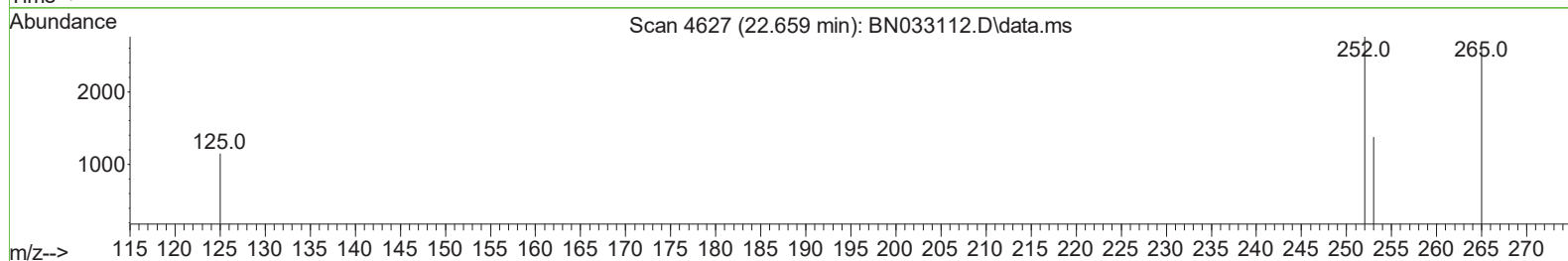
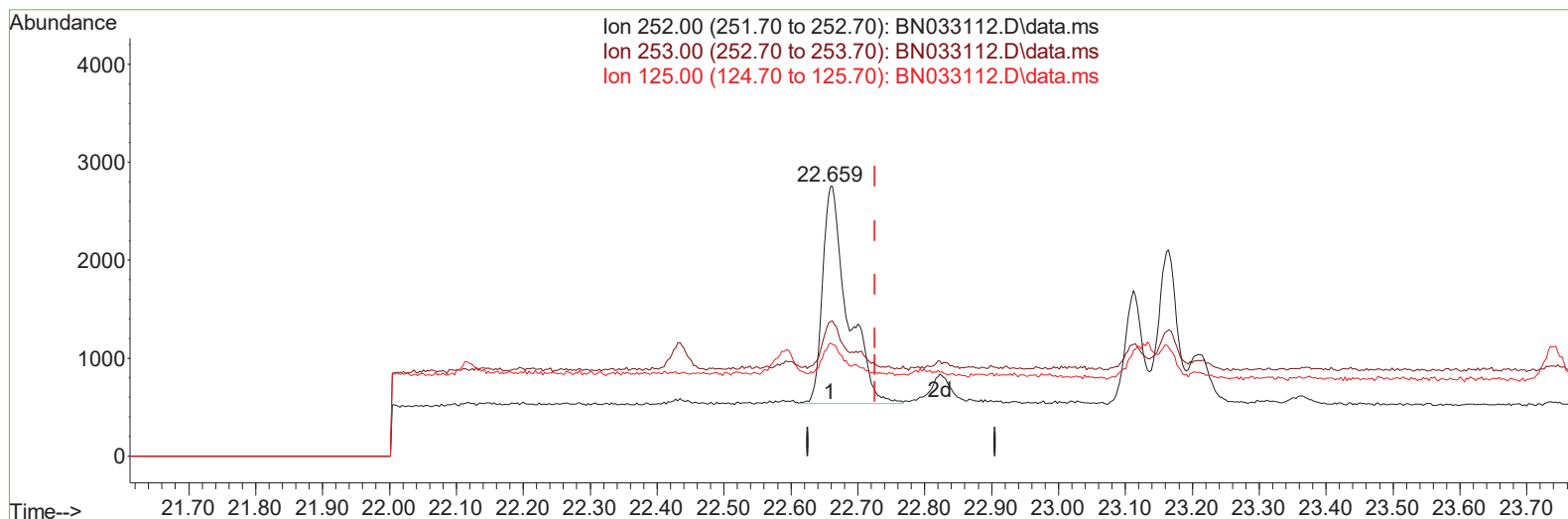
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033112.D
Acq On : 30 Jul 2024 18:40
Operator : MA/JU
Sample : P3347-07
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AZ6

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TIC: BN033112.D\data.ms

(25) Benzo(k)fluoranthene

22.659min (-0.067) 0.17 ng/u1

response 5777

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.10	49.98#
125.00	26.10	41.85#
0.00	0.00	0.00

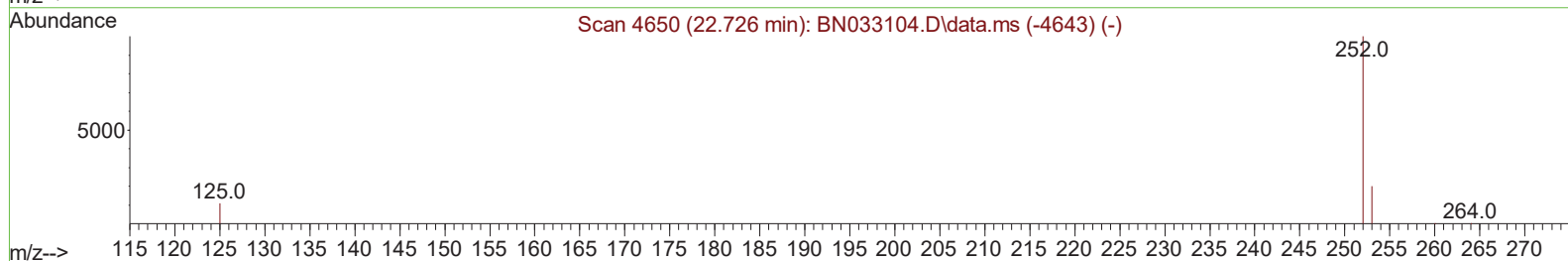
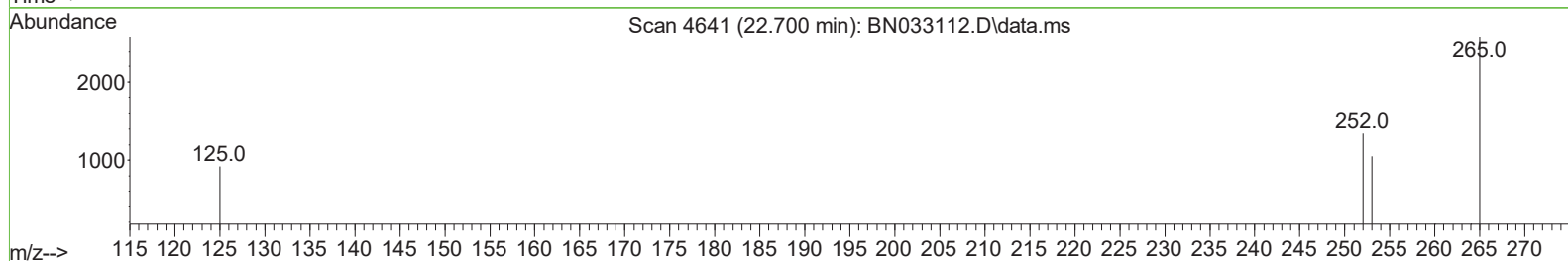
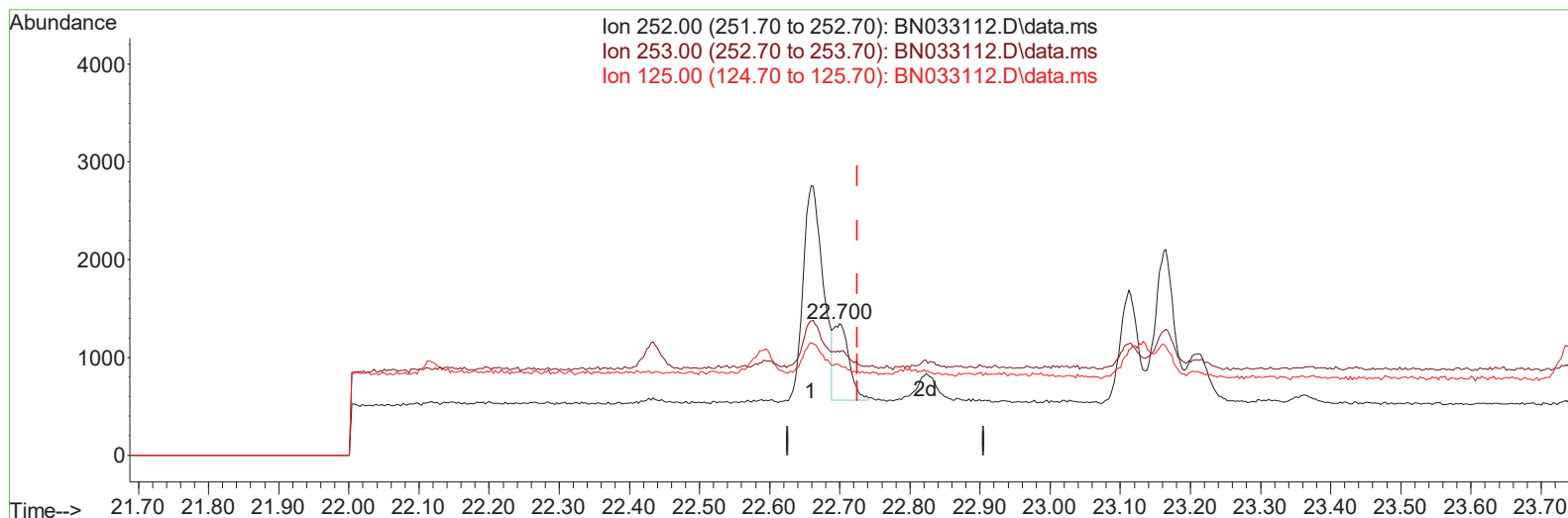
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033112.D
Acq On : 30 Jul 2024 18:40
Operator : MA/JU
Sample : P3347-07
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AZ6

Manual IntegrationsAPPROVED

Quant Time: Jul 30 23:57:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
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TIC: BN033112.D\data.ms

(25) Benzo(k)fluoranthene

22.700min (-0.026) 0.04 ng/ul m

response 1209

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.10	78.17#
125.00	26.10	68.45#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033112.D
 Acq On : 30 Jul 2024 18:40
 Operator : MA/JU
 Sample : P3347-07
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AZ6

Manual IntegrationsAPPROVED

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

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 QLast Update : Tue Jul 30 14:49:49 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.499	152	1780	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.251	136	6566	0.400	ng/ul	-0.07
9) Acenaphthene-d10	14.134	164	4182	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.903	188	9653m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.131	240	9670m	0.400	ng/ul	-0.02
23) Perylene-d12	23.311	264	9491m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.056	96	7860	3.491	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.879	152	2792	0.261	ng/ul	-0.05
18) Fluoranthene-d10	18.944	212	8629	0.315	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.300	128	6555	0.389	ng/ul	97
7) 2-Methylnaphthalene	11.956	142	1176	0.103	ng/ul	95
8) 1-Methylnaphthalene	12.170	142	838	0.068	ng/ul	97
10) Acenaphthylene	13.856	152	2278	0.133	ng/ul#	82
11) Acenaphthene	14.194	153	204767	15.906	ng/ul	98
12) Fluorene	15.198	166	4562	0.304	ng/ul#	98
15) Phenanthrene	16.941	178	2352m	0.091	ng/ul	
16) Anthracene	17.034	178	24722m	1.062	ng/ul	
19) Fluoranthene	18.977	202	309114	9.709	ng/ul	96
20) Pyrene	19.344	202	193009	5.653	ng/ul	95
21) Benzo(a)anthracene	21.116	228	9182	0.278	ng/ul	95
22) Chrysene	21.169	228	5256m	0.137	ng/ul	
24) Benzo(b)fluoranthene	22.659	252	4412m	0.159	ng/ul	
25) Benzo(k)fluoranthene	22.700	252	1209m	0.036	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
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