

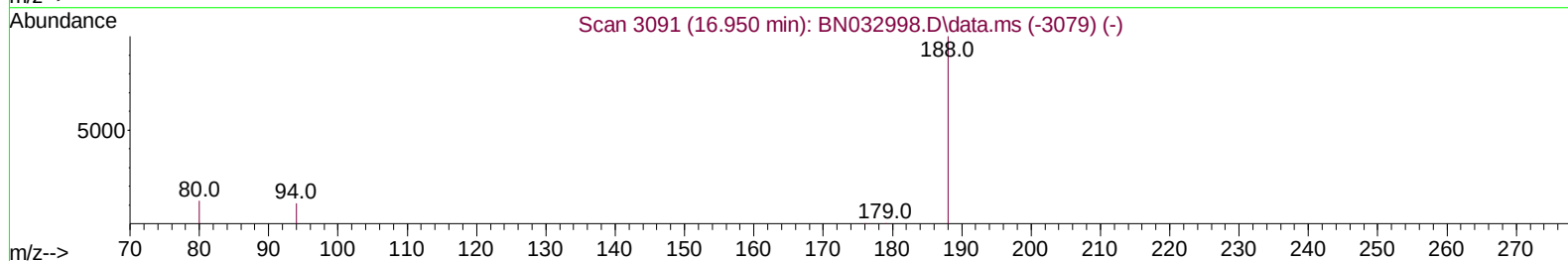
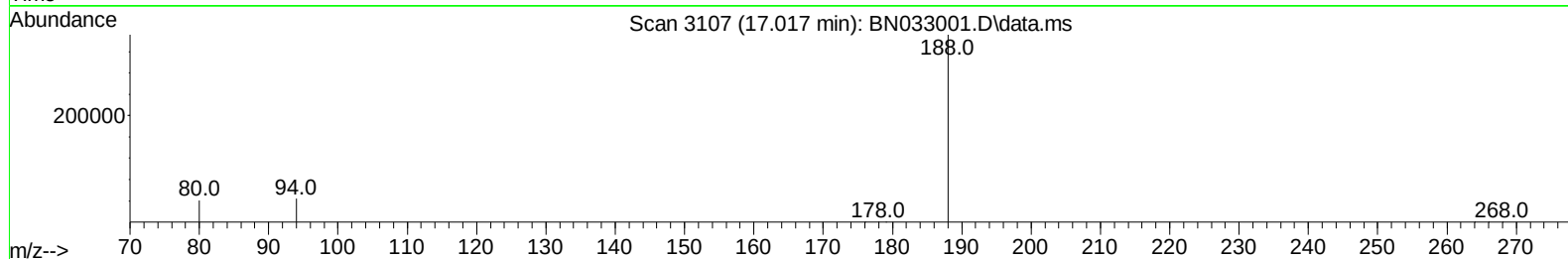
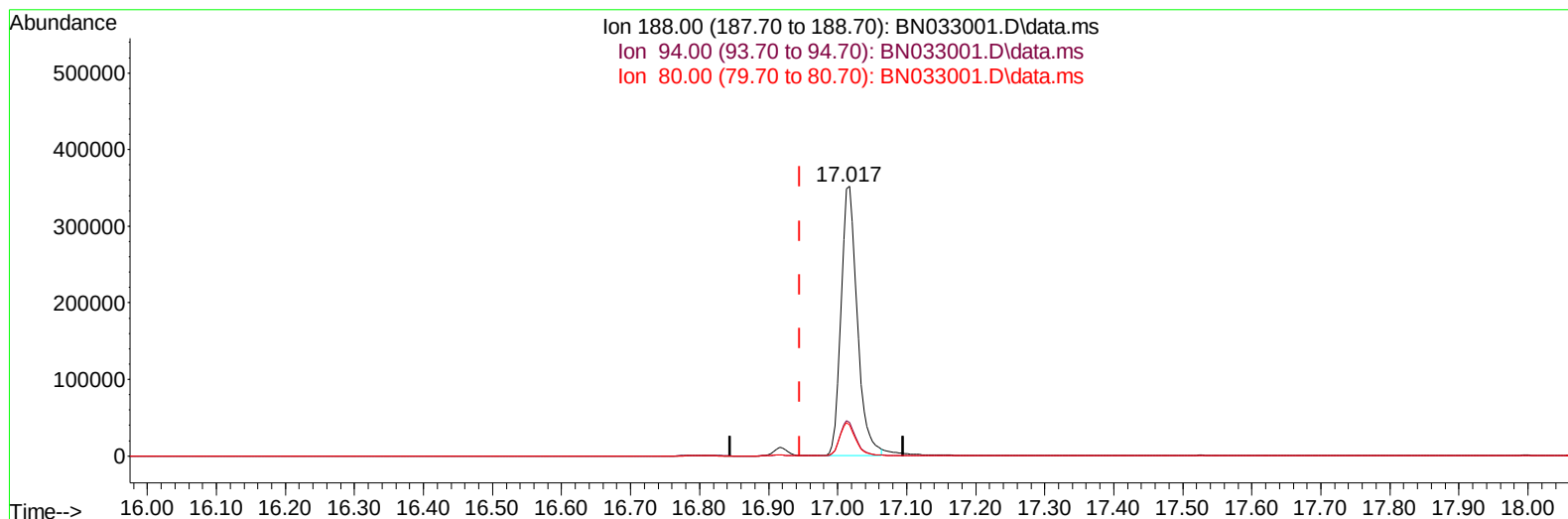
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
 Data File : BN033001.D
 Acq On : 26 Jul 2024 17:38
 Operator : MA/JU
 Sample : P3264-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CN0

Manual IntegrationsAPPROVED

Quant Time: Jul 26 18:05:54 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 07/29/2024
 Supervised By :mohammad ahmed 08/13/2024



TIC: BN033001.D\data.ms

(13) Phenanthrene-d10 (I)

17.017min (+ 0.072) 0.40 ng/ul

response 574549

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	12.49
80.00	13.10	11.56
0.00	0.00	0.00

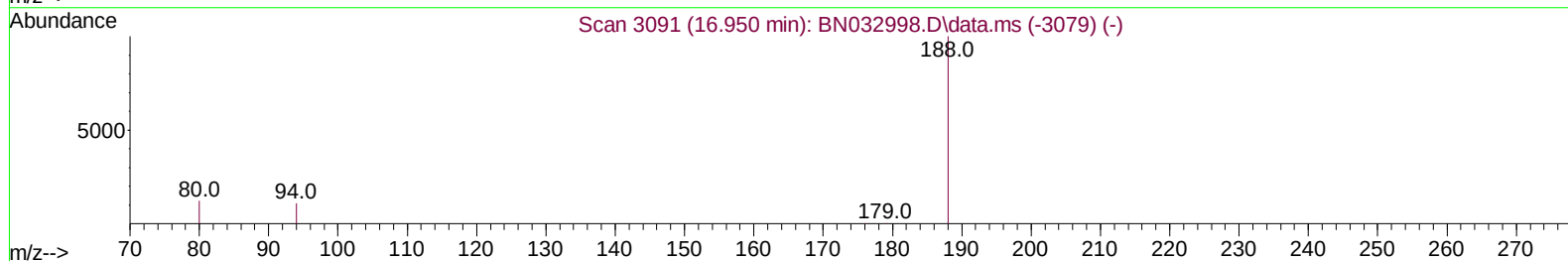
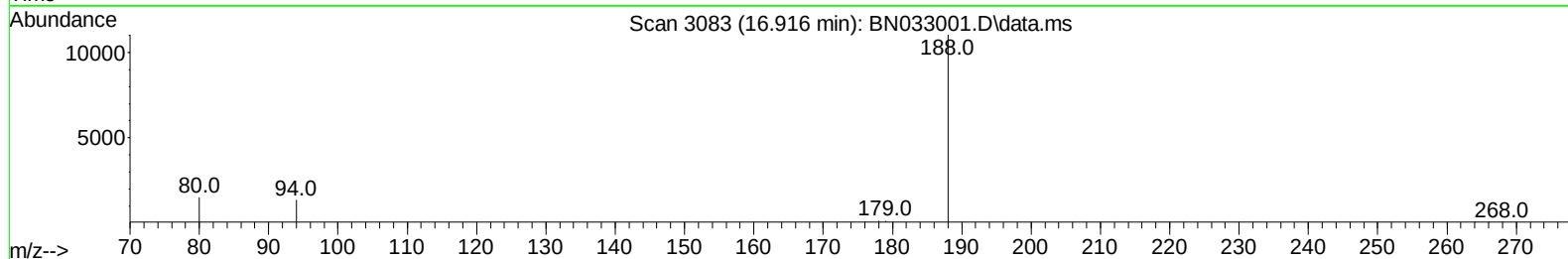
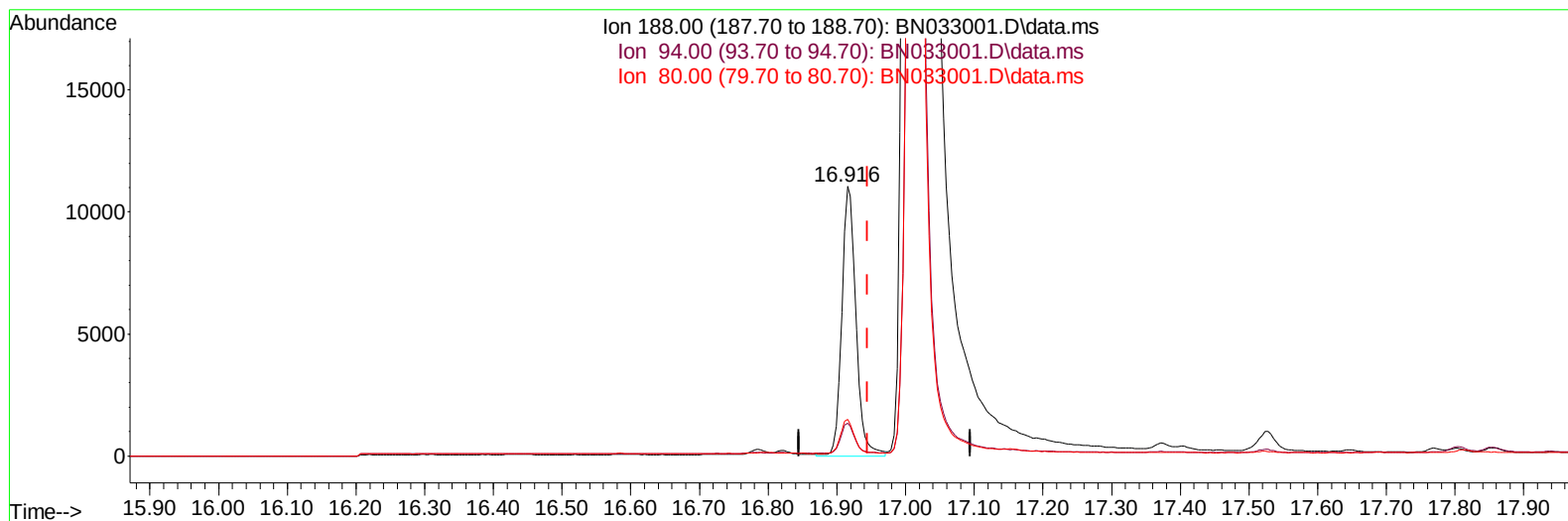
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
Data File : BN033001.D
Acq On : 26 Jul 2024 17:38
Operator : MA/JU
Sample : P3264-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN0

Manual IntegrationsAPPROVED

Quant Time: Jul 26 18:05:54 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
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TIC: BN033001.D\data.ms

(13) Phenanthrene-d10 (I)

16.916min (-0.029) 0.40 ng/ul m

response 15785

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	12.18
80.00	13.10	13.56
0.00	0.00	0.00

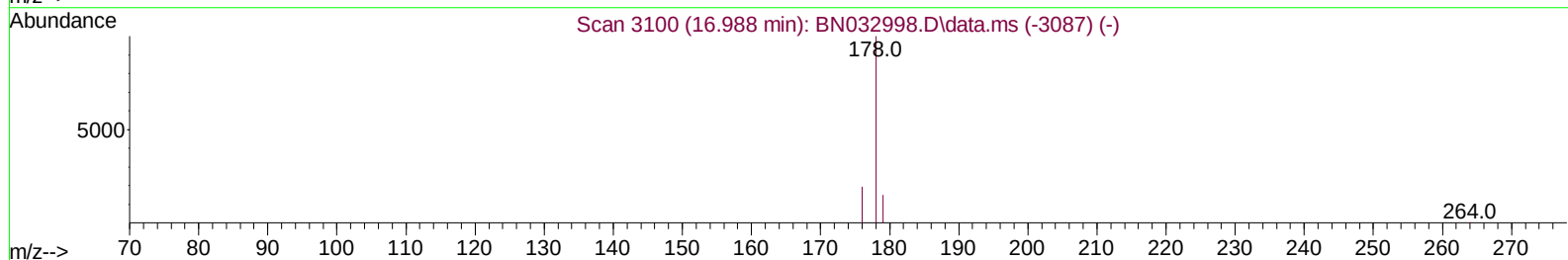
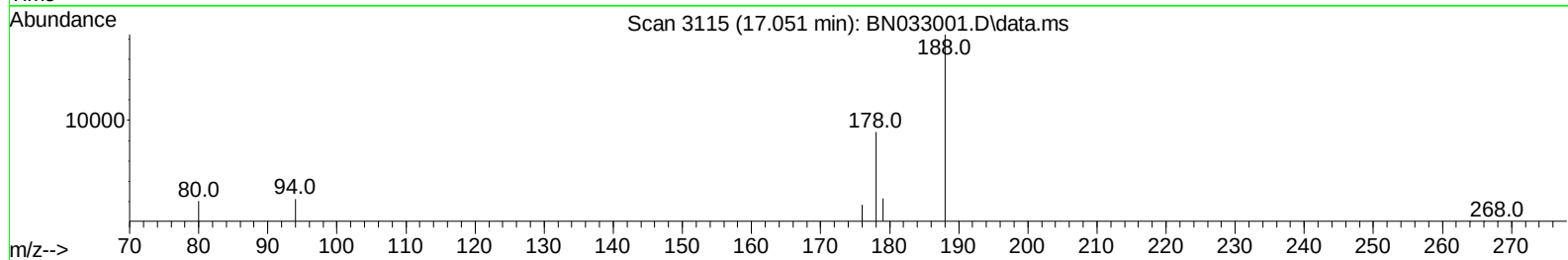
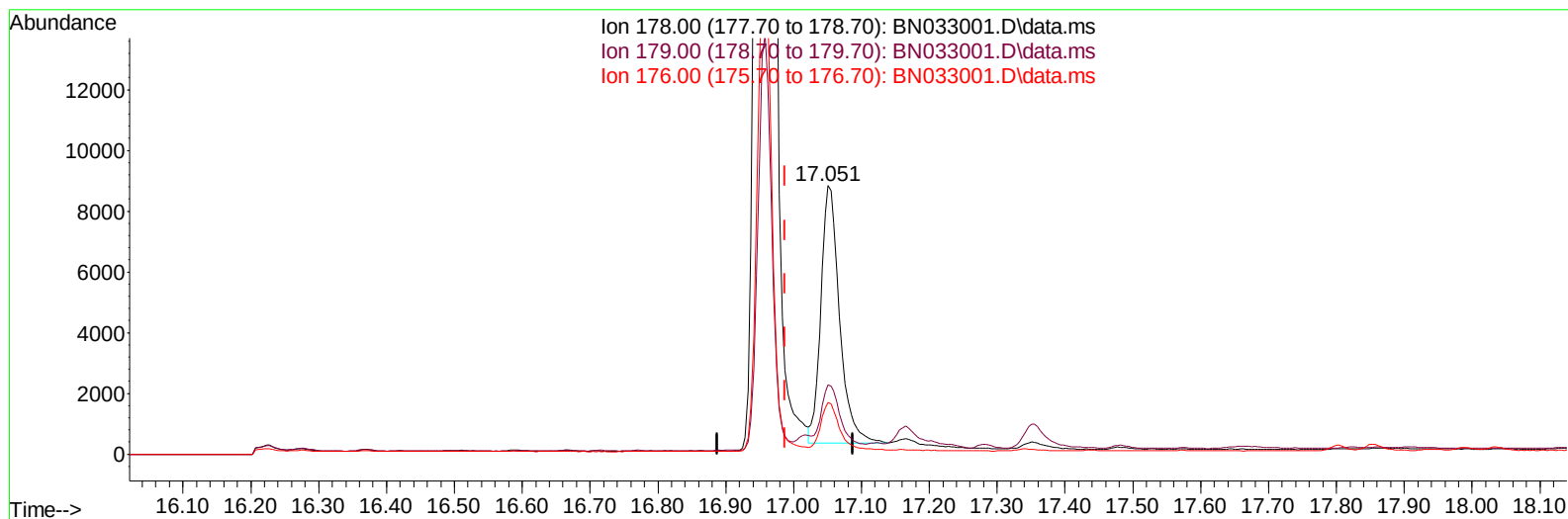
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
Data File : BN033001.D
Acq On : 26 Jul 2024 17:38
Operator : MA/JU
Sample : P3264-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN0

Manual IntegrationsAPPROVED

Quant Time: Jul 26 18:05:54 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
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TIC: BN033001.D\data.ms

(15) Phenanthrene

17.051min (+ 0.063) 0.38 ng/ul

response 16197

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.10	25.78#
176.00	19.90	19.19
0.00	0.00	0.00

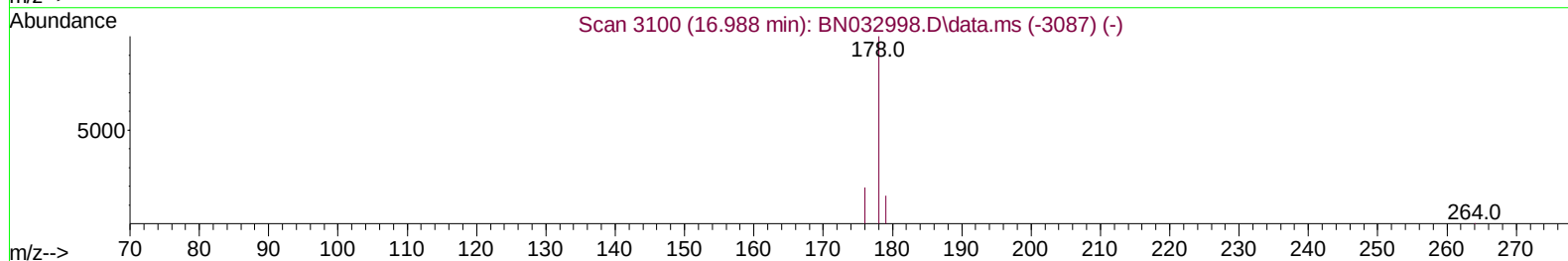
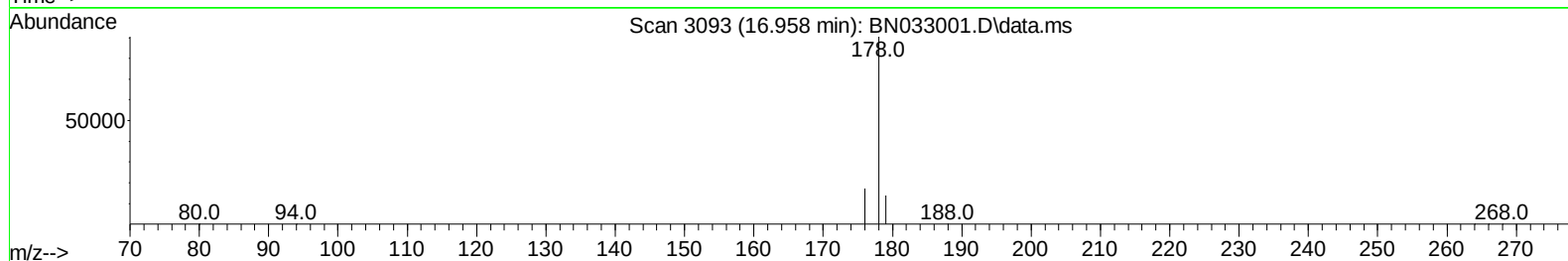
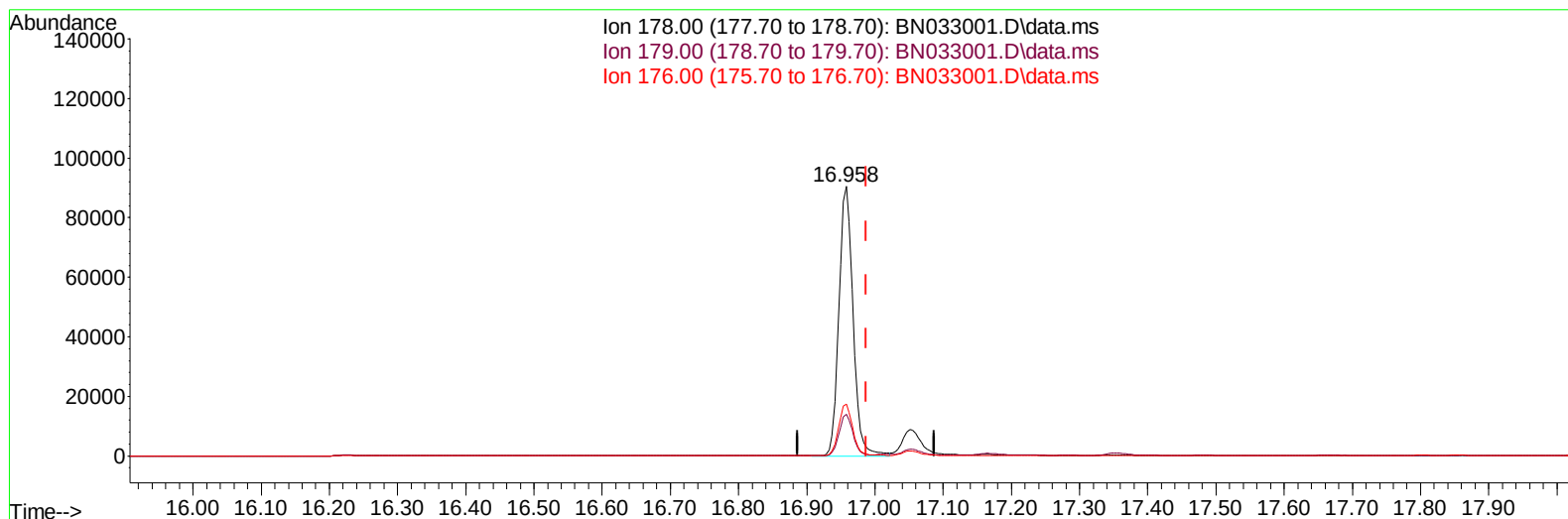
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
Data File : BN033001.D
Acq On : 26 Jul 2024 17:38
Operator : MA/JU
Sample : P3264-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN0

Manual IntegrationsAPPROVED

Quant Time: Jul 26 18:05:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
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QLast Update : Thu Jul 25 15:43:00 2024
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Reviewed By :Jagrut Upadhyay 07/29/2024
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TIC: BN033001.D\data.ms

(15) Phenanthrene

16.958min (-0.029) 3.11 ng/ul m

response 131502

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.10	15.38
176.00	19.90	19.14
0.00	0.00	0.00

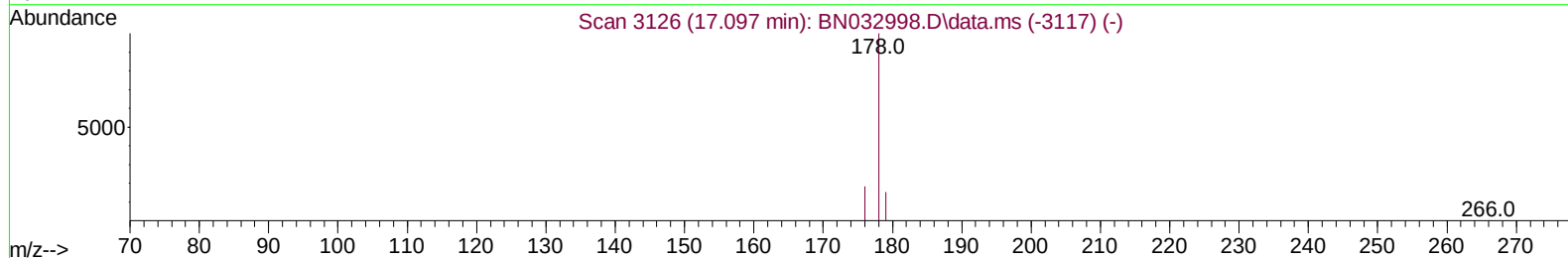
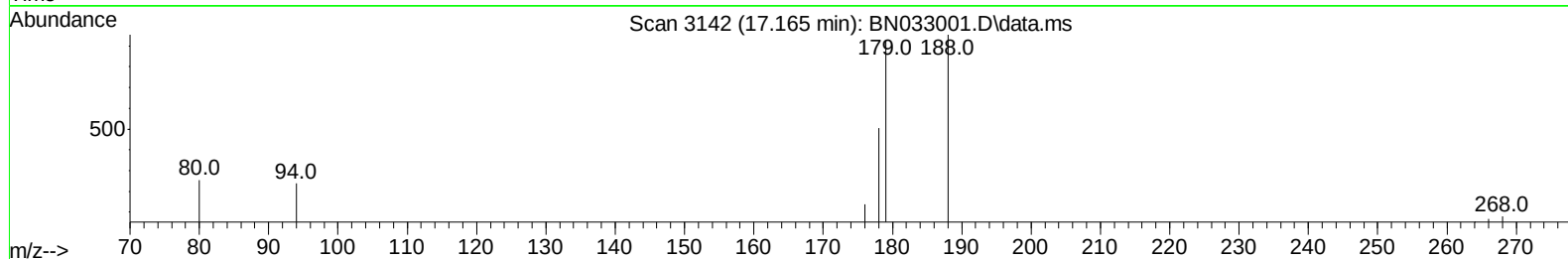
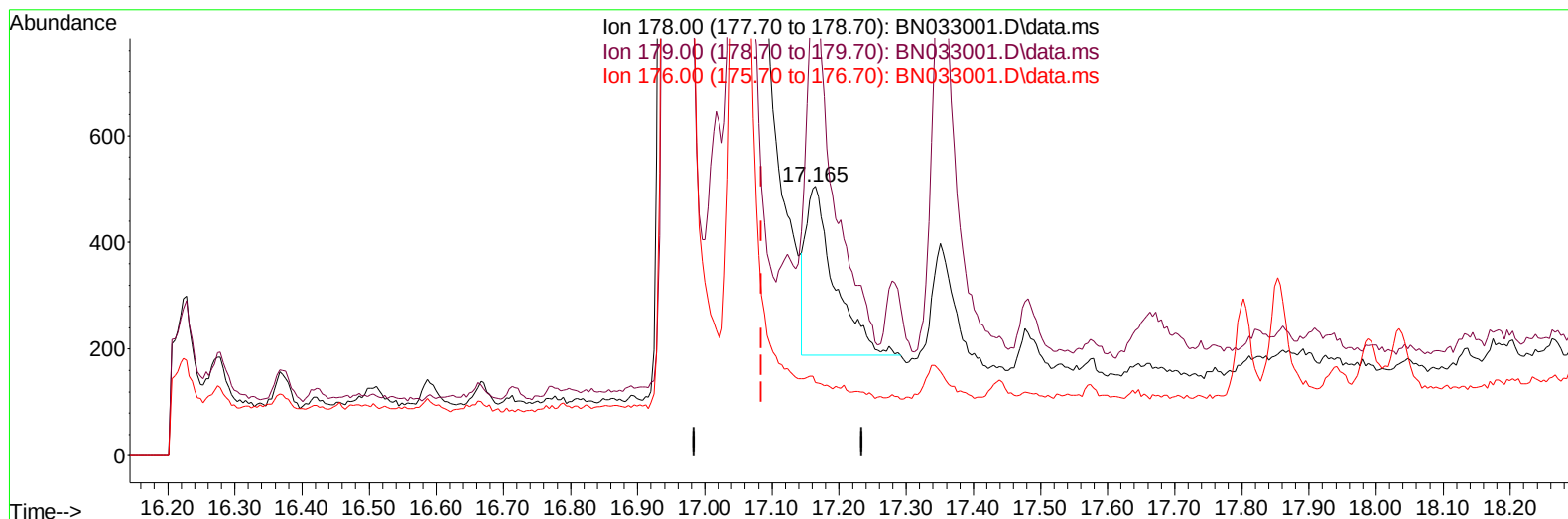
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
Data File : BN033001.D
Acq On : 26 Jul 2024 17:38
Operator : MA/JU
Sample : P3264-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN0

Manual IntegrationsAPPROVED

Quant Time: Jul 26 18:05:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
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QLast Update : Thu Jul 25 15:43:00 2024
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TIC: BN033001.D\data.ms

(16) Anthracene

17.165min (+ 0.080) 0.02 ng/ul

response 948

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.90	183.76#
176.00	19.80	27.13#
0.00	0.00	0.00

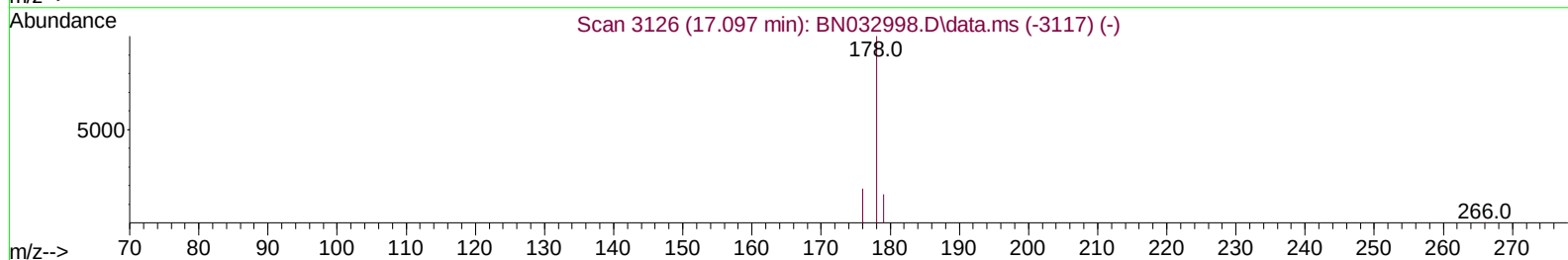
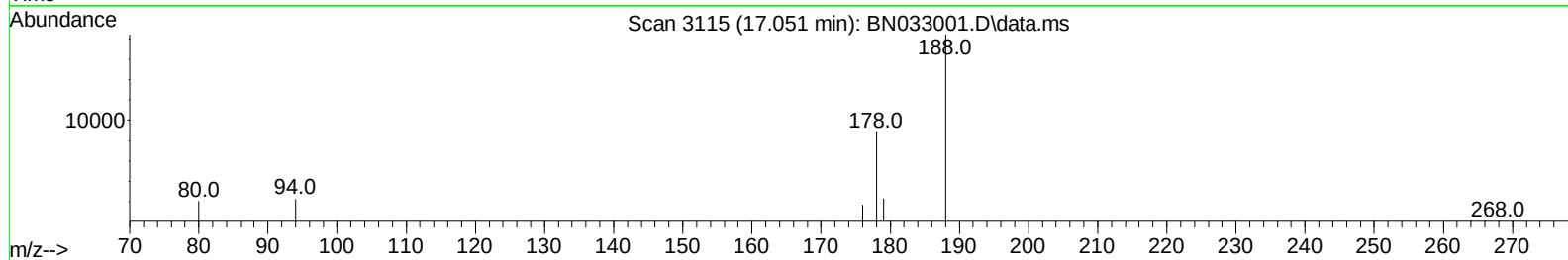
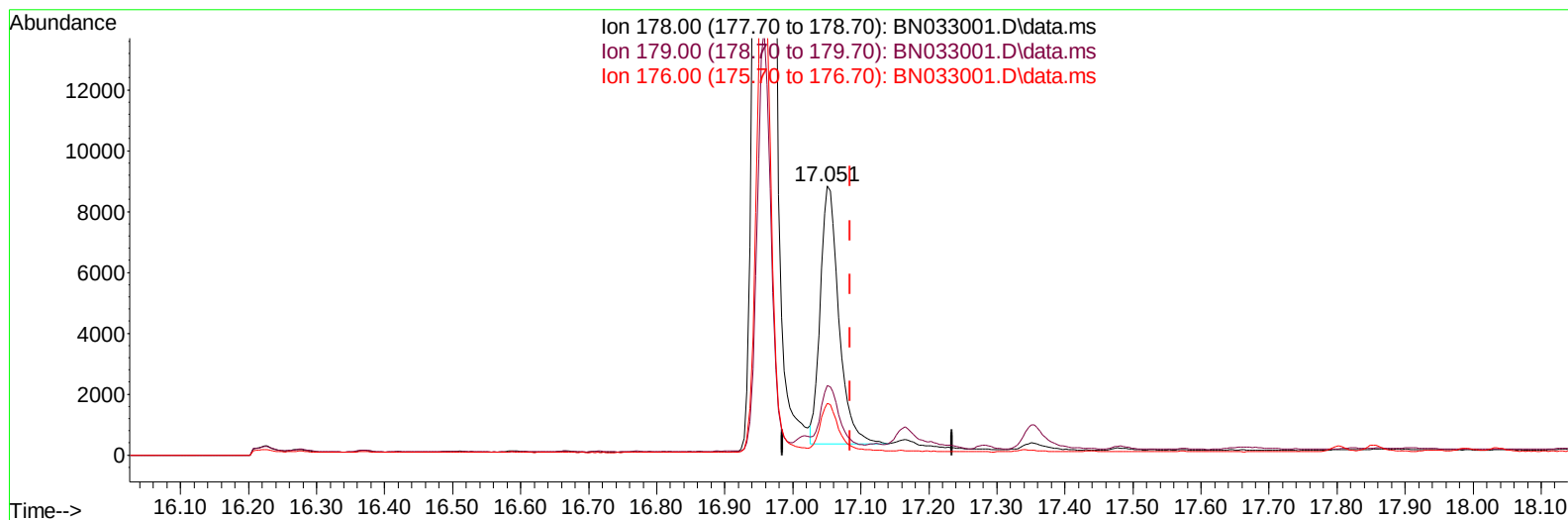
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
Data File : BN033001.D
Acq On : 26 Jul 2024 17:38
Operator : MA/JU
Sample : P3264-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN0

Manual IntegrationsAPPROVED

Quant Time: Jul 26 18:05:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
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QLast Update : Thu Jul 25 15:43:00 2024
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TIC: BN033001.D\data.ms

(16) Anthracene

17.051min (-0.034) 0.42 ng/ul m

response 16126

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.90	25.78#
176.00	19.80	19.19
0.00	0.00	0.00

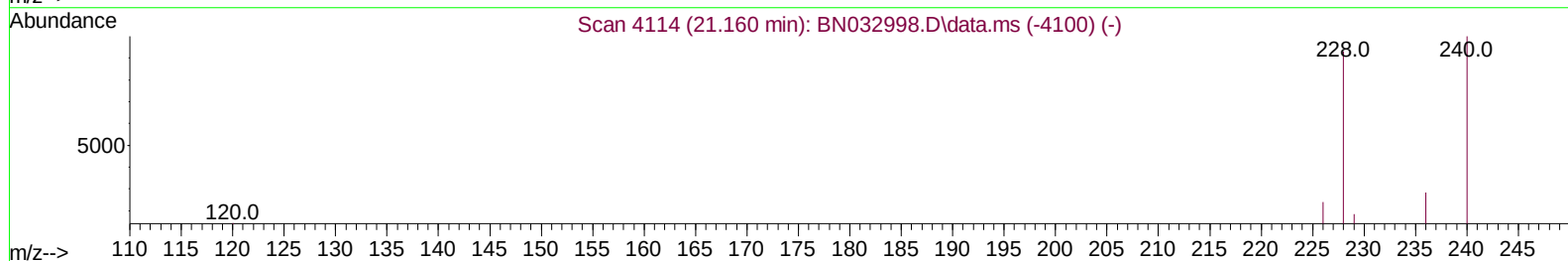
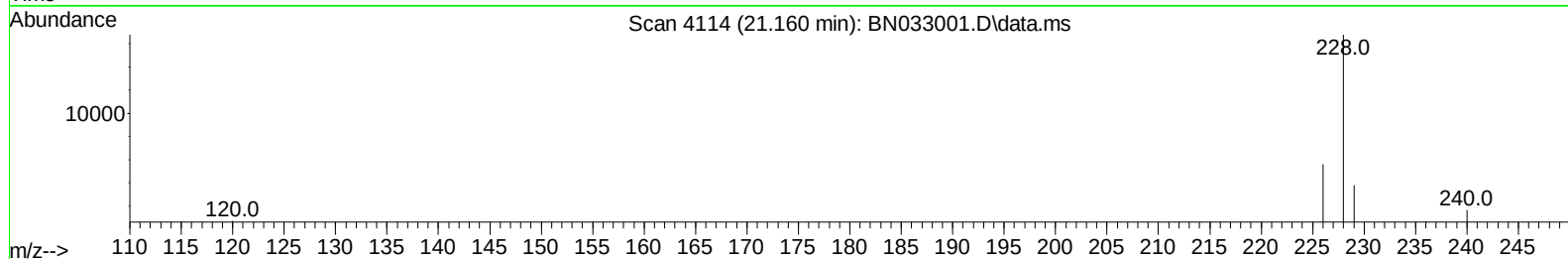
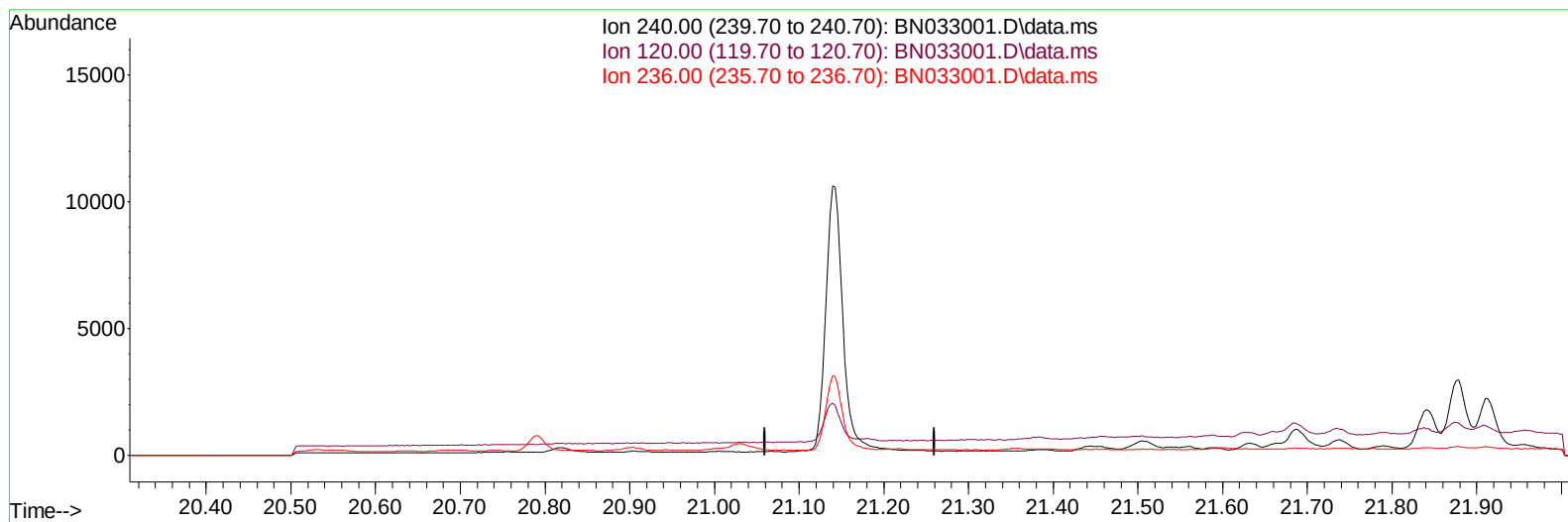
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
Data File : BN033001.D
Acq On : 26 Jul 2024 17:38
Operator : MA/JU
Sample : P3264-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN0

Manual IntegrationsAPPROVED

Quant Time: Jul 26 18:05:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
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TIC: BN033001.D\data.ms

(17) Chrysene-d12

21.160min (-21.160) 0.00 ng/ul

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

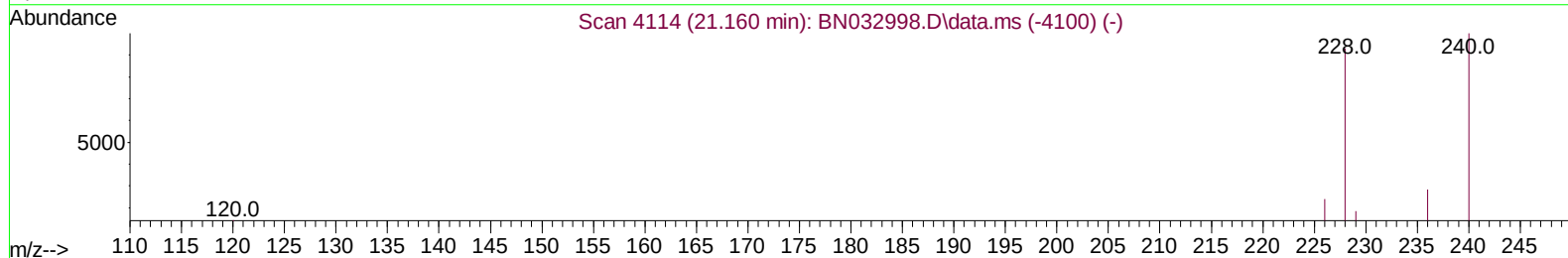
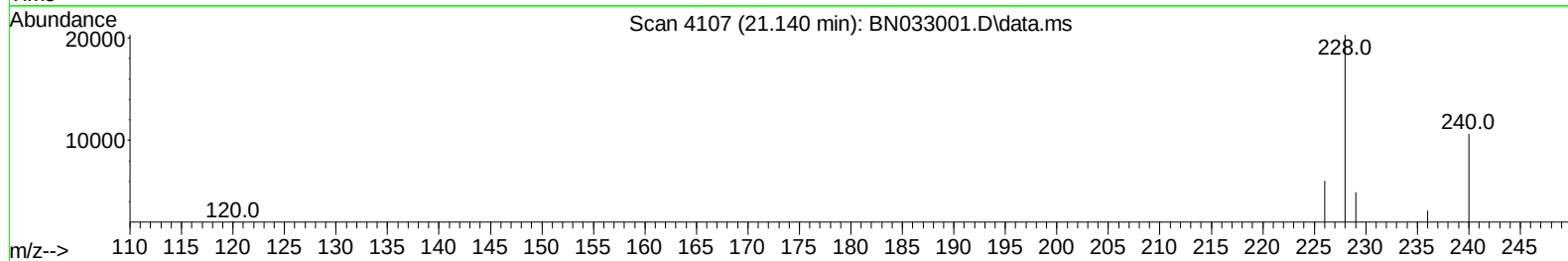
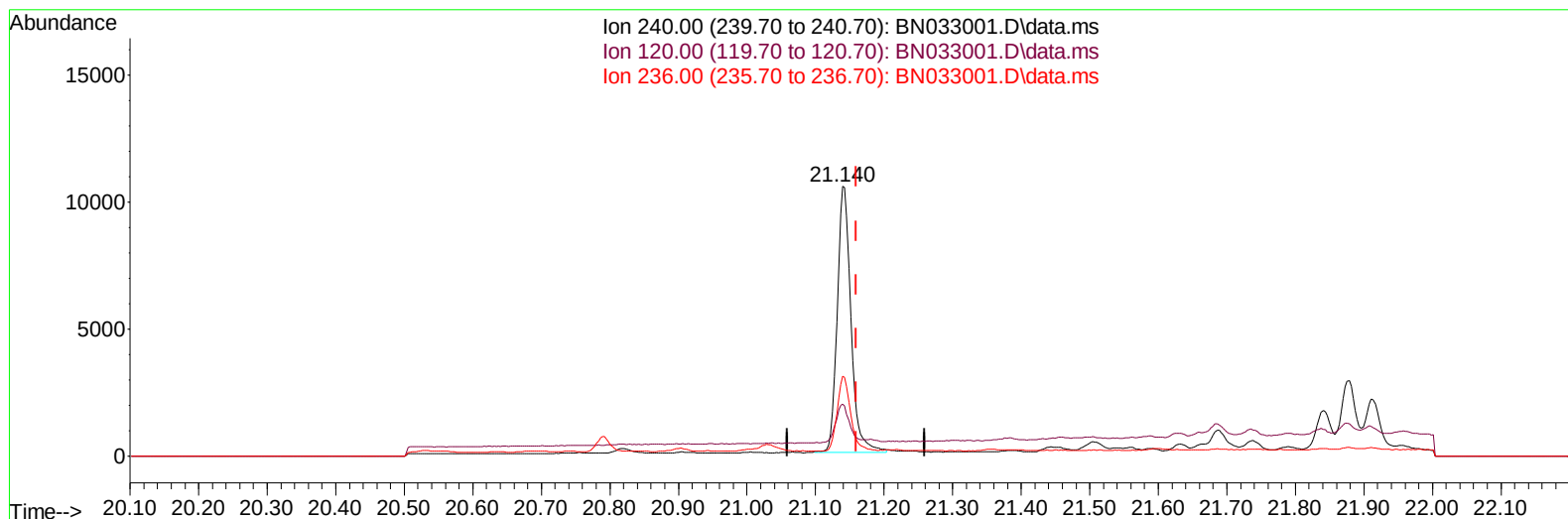
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
Data File : BN033001.D
Acq On : 26 Jul 2024 17:38
Operator : MA/JU
Sample : P3264-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN0

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 08/13/2024

Quant Time: Jul 26 18:05:54 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: BN033001.D\data.ms

(17) Chrysene-d12

21.140min (-0.020) 0.40 ng/ul m

response 14512

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	21.40	19.14
236.00	29.50	29.54
0.00	0.00	0.00

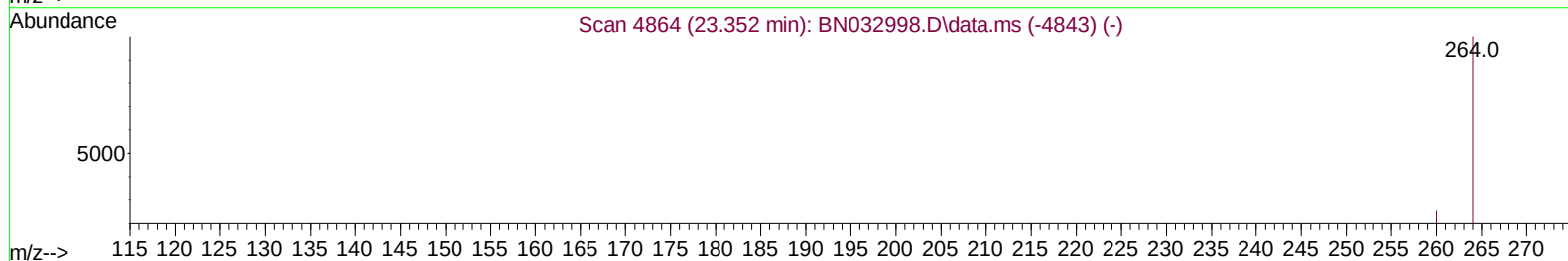
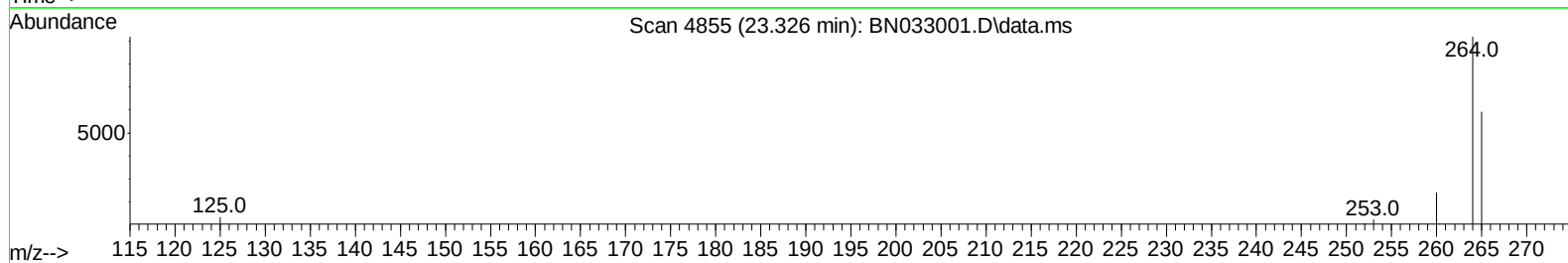
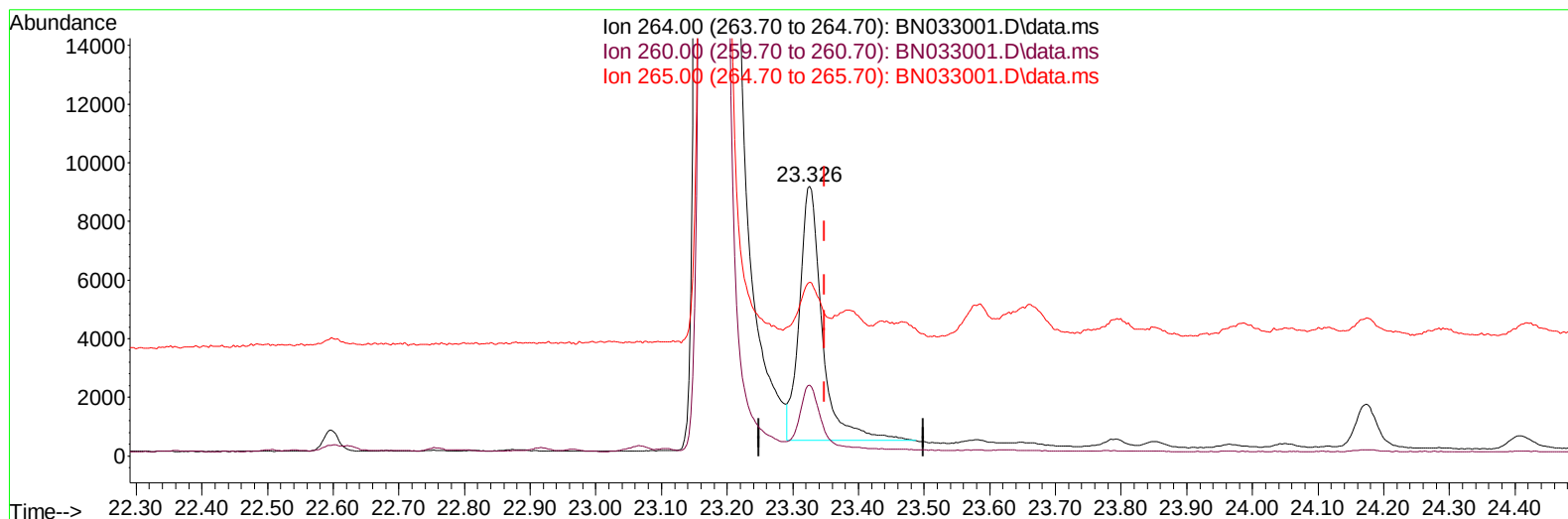
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
Data File : BN033001.D
Acq On : 26 Jul 2024 17:38
Operator : MA/JU
Sample : P3264-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN0

Manual IntegrationsAPPROVED

Quant Time: Jul 26 18:05:54 2024
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TIC: BN033001.D\data.ms

(23) Perylene-d12 (I)

23.326min (-0.023) 0.40 ng/u1

response 21080

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.50	26.21
265.00	80.60	64.45#
0.00	0.00	0.00

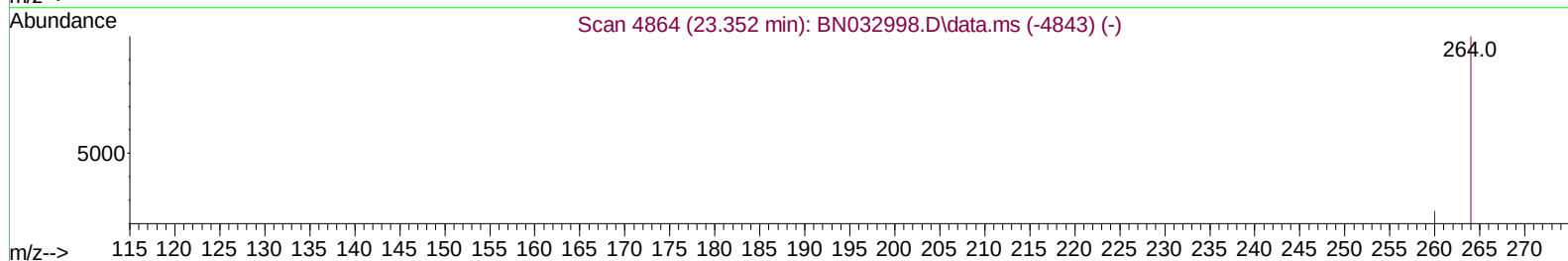
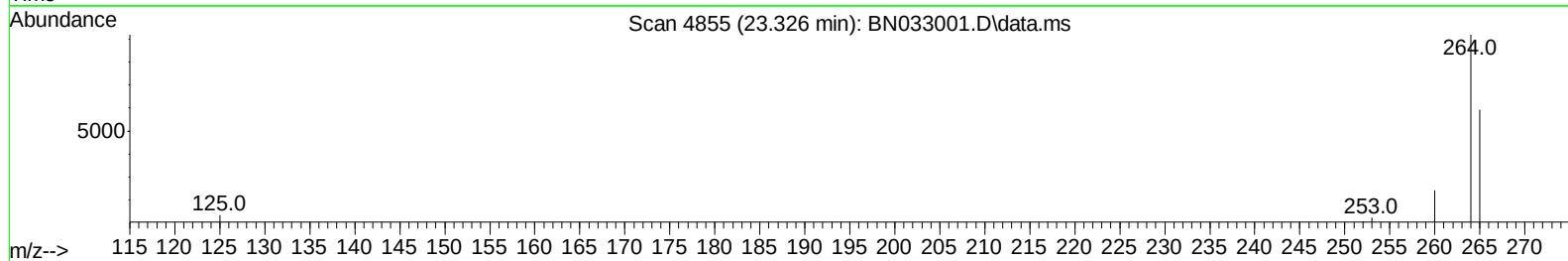
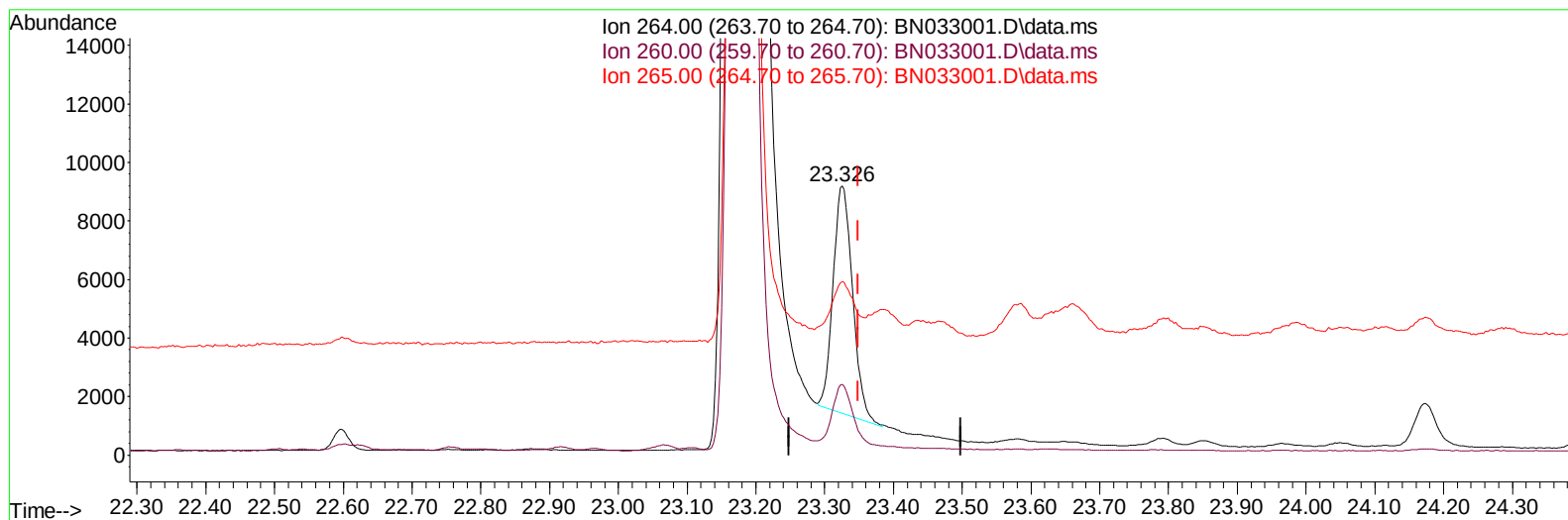
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
 Data File : BN033001.D
 Acq On : 26 Jul 2024 17:38
 Operator : MA/JU
 Sample : P3264-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CN0

Manual IntegrationsAPPROVED

Quant Time: Jul 26 18:05:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
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TIC: BN033001.D\data.ms

(23) Perylene-d12 (I)

23.326min (-0.023) 0.40 ng/ul m

response 15304

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.50	26.21
265.00	80.60	64.45#
0.00	0.00	0.00

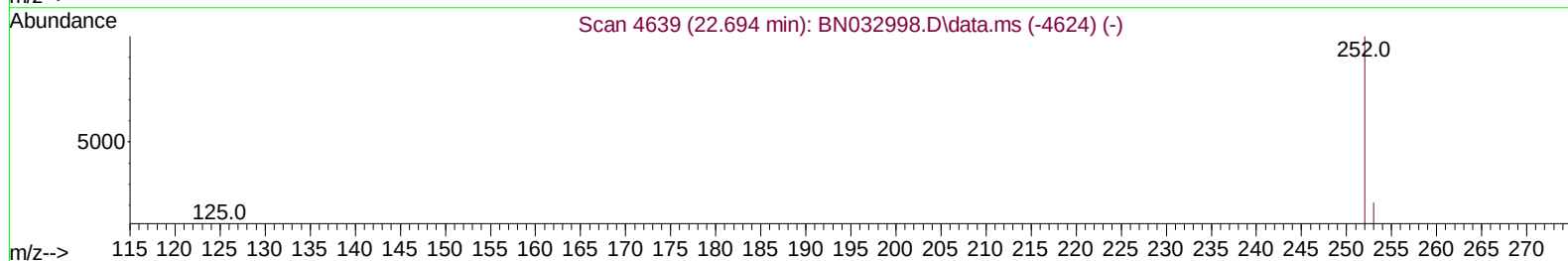
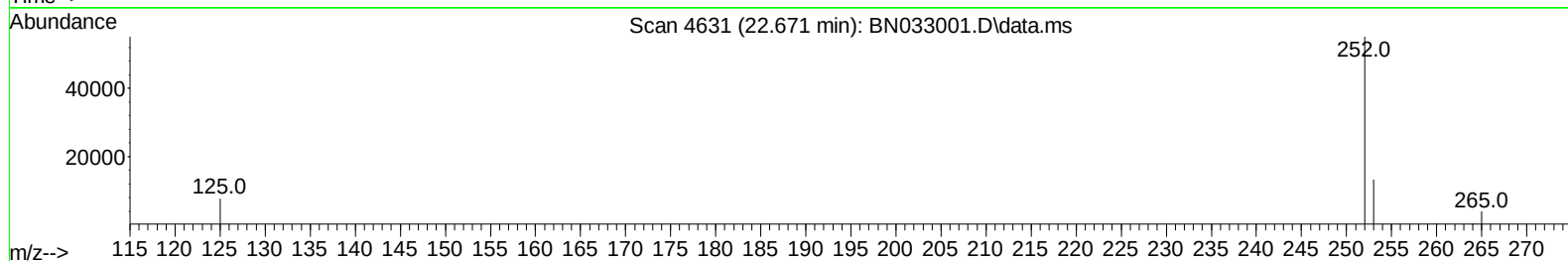
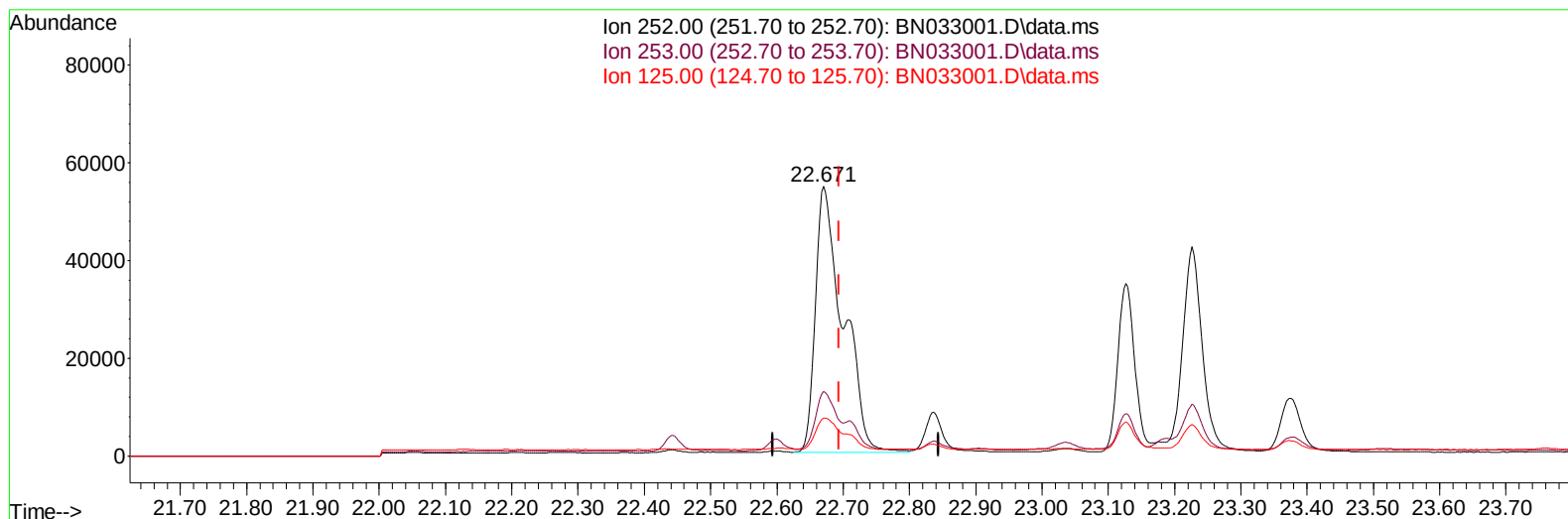
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
Data File : BN033001.D
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Sample : P3264-20
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN033001.D\data.ms

(24) Benzo(b)fluoranthene

22.671min (-0.023) 3.52 ng/u1

response 157502

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.30	23.91
125.00	25.50	13.97
0.00	0.00	0.00

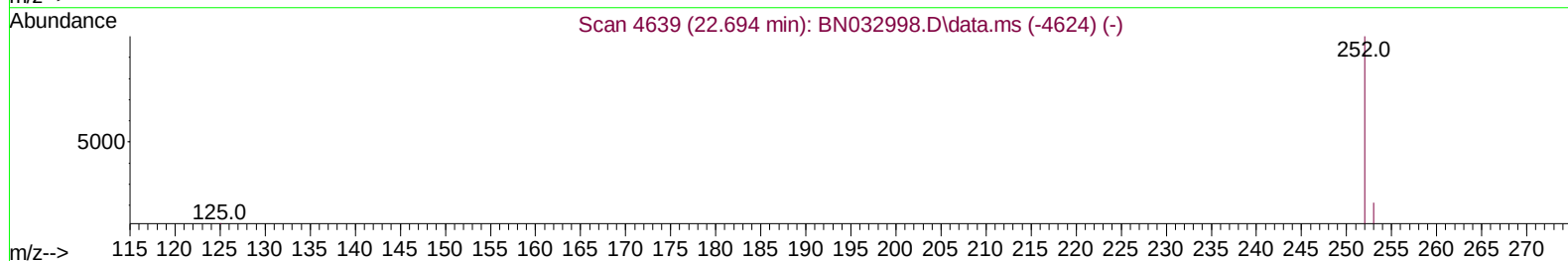
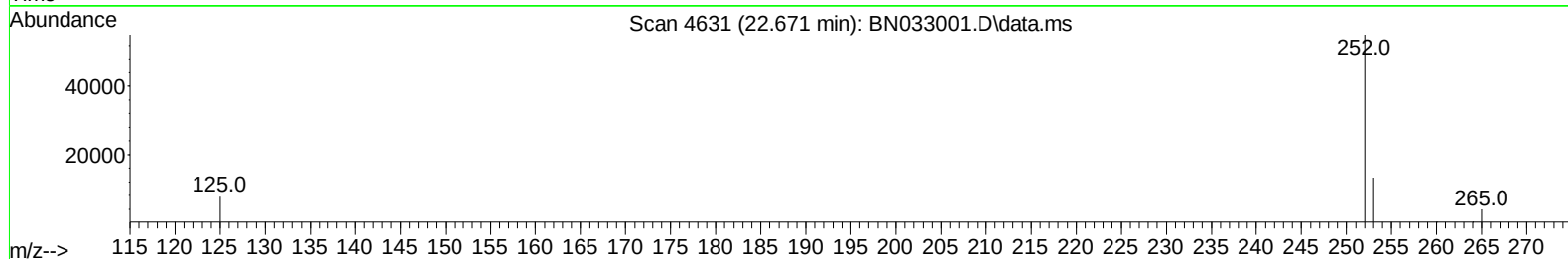
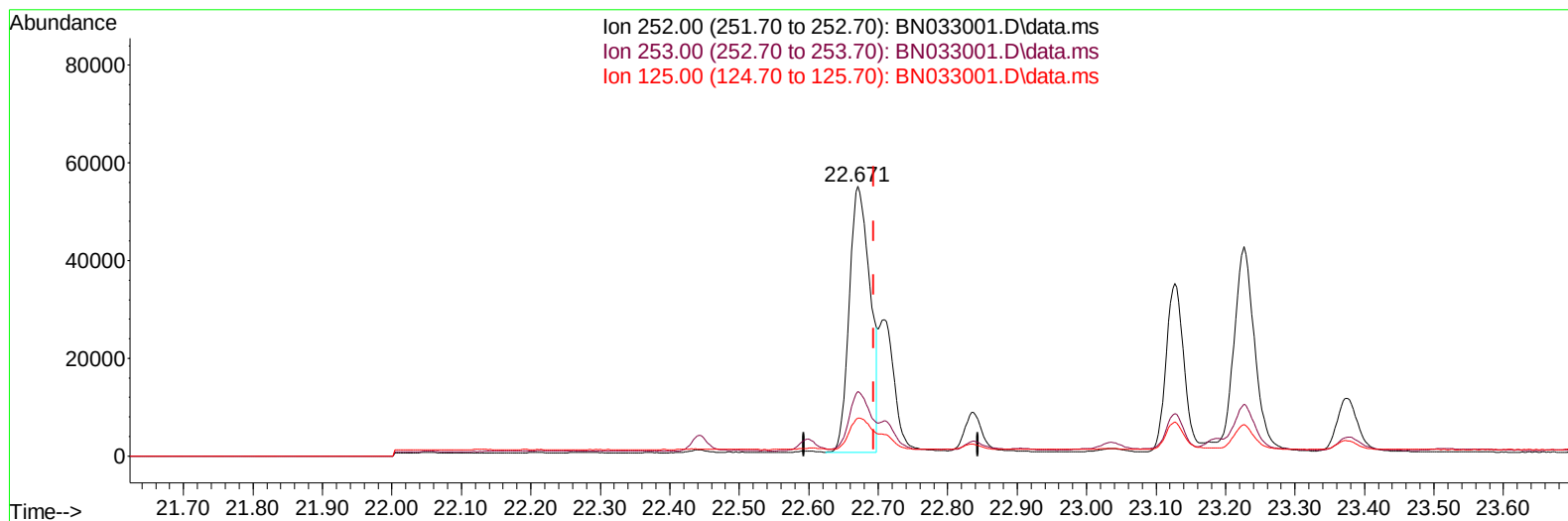
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
Data File : BN033001.D
Acq On : 26 Jul 2024 17:38
Operator : MA/JU
Sample : P3264-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN0

Manual IntegrationsAPPROVED

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TIC: BN033001.D\data.ms

(24) Benzo(b)fluoranthene

22.671min (-0.023) 2.53 ng/ul m

response 112907

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.30	23.91
125.00	25.50	13.97
0.00	0.00	0.00

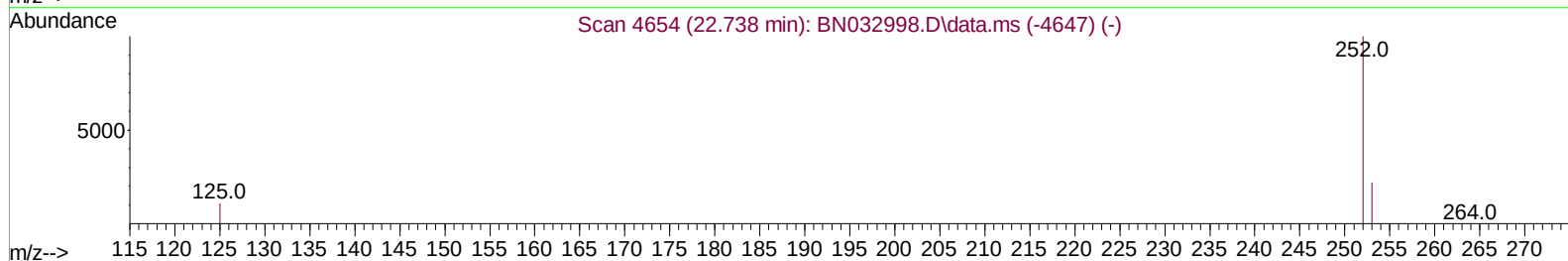
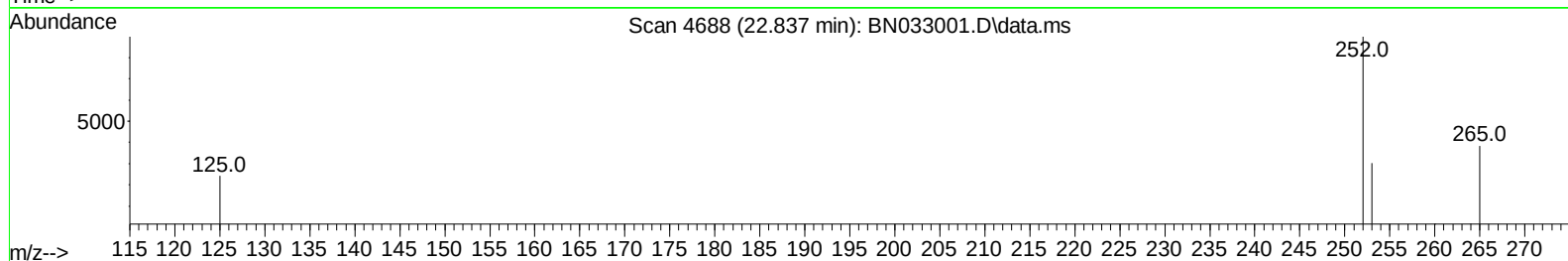
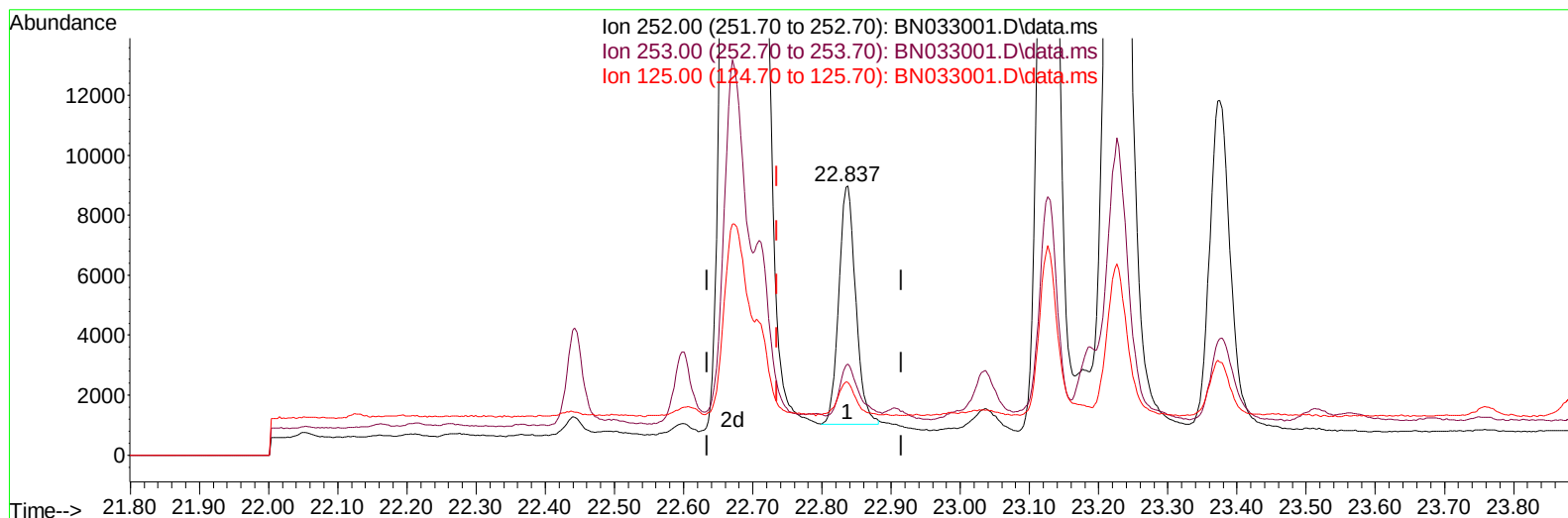
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
 Data File : BN033001.D
 Acq On : 26 Jul 2024 17:38
 Operator : MA/JU
 Sample : P3264-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CN0

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 08/13/2024



TIC: BN033001.D\data.ms

(25) Benzo(k)fluoranthene

22.837min (+ 0.102) 0.25 ng/u1

response 13448

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.10	33.81
125.00	26.10	26.95
0.00	0.00	0.00

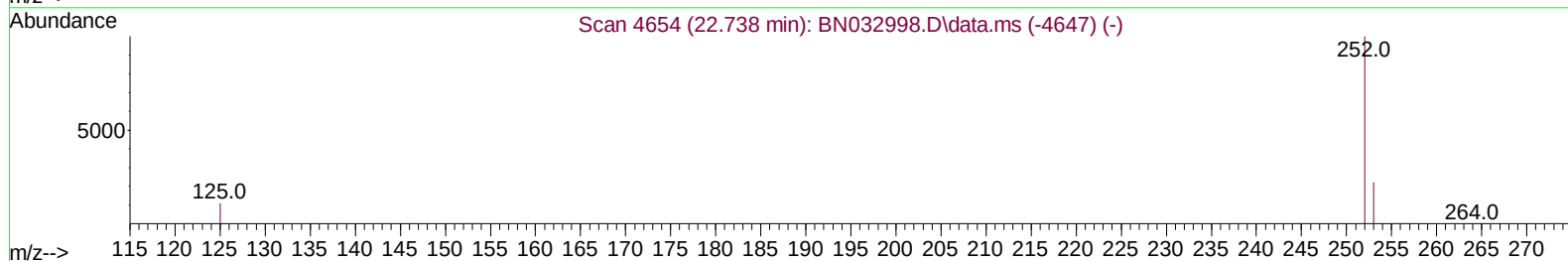
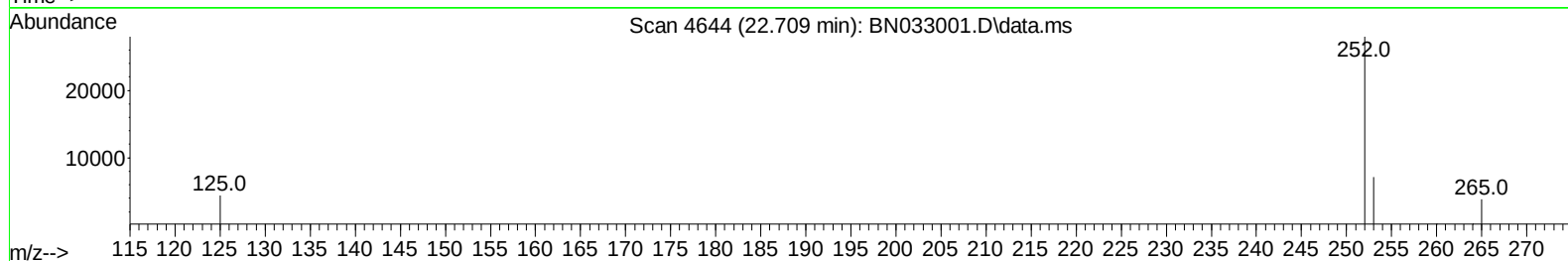
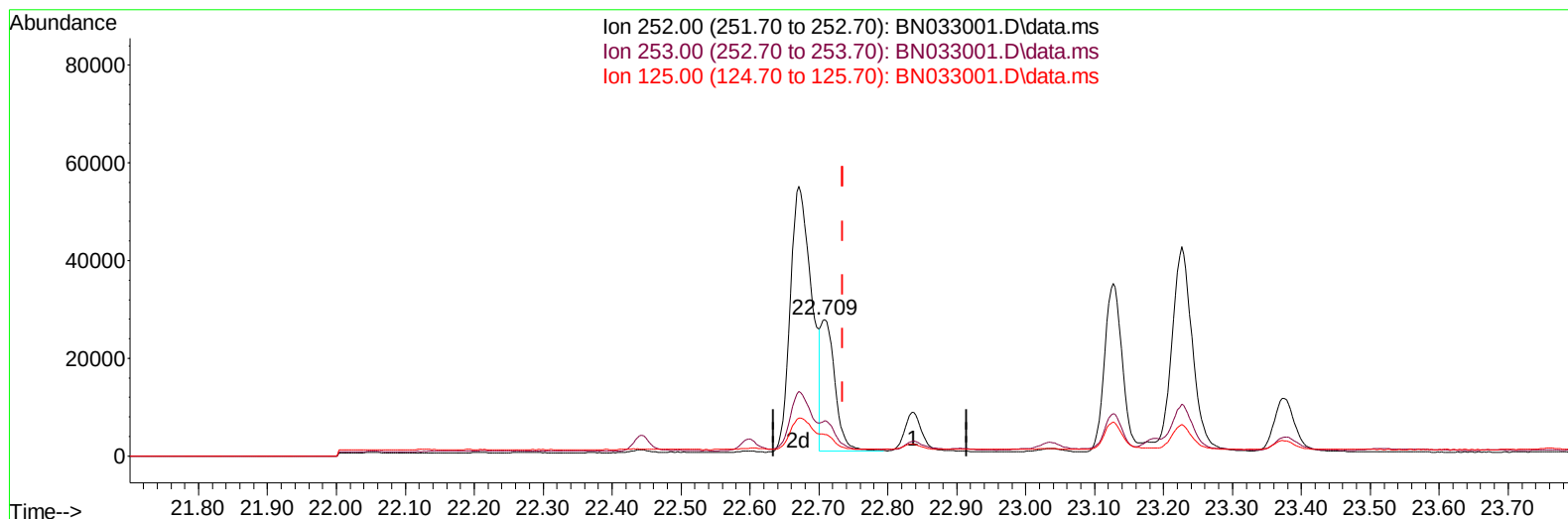
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
Data File : BN033001.D
Acq On : 26 Jul 2024 17:38
Operator : MA/JU
Sample : P3264-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN0

Manual IntegrationsAPPROVED

Quant Time: Jul 26 18:05:54 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 07/29/2024
Supervised By :mohammad ahmed 08/13/2024



TIC: BN033001.D\data.ms

(25) Benzo(k)fluoranthene

22.709min (-0.026) 0.74 ng/ul m

response 39573

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.10	25.63
125.00	26.10	15.84#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.507	152	3161	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.273	136	11457	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.157	164	6955	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.916	188	15785m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.140	240	14512m	0.400	ng/ul	-0.02
23) Perylene-d12	23.326	264	15304m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.065	96	11248	2.813	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.895	152	3013	0.161	ng/ul	-0.02
18) Fluoranthene-d10	18.963	212	8069	0.196	ng/ul	-0.02
Target Compounds						
						Qvalue
5) Naphthalene	10.322	128	4344	0.148	ng/ul	99
7) 2-Methylnaphthalene	11.972	142	1548	0.078	ng/ul	99
8) 1-Methylnaphthalene	12.192	142	1392	0.065	ng/ul	98
10) Acenaphthylene	13.875	152	5936	0.209	ng/ul	97
11) Acenaphthene	14.217	153	6374	0.298	ng/ul	100
12) Fluorene	15.216	166	8276	0.332	ng/ul	100
15) Phenanthrene	16.958	178	131502m	3.106	ng/ul	
16) Anthracene	17.051	178	16126m	0.424	ng/ul	
19) Fluoranthene	18.991	202	195425	4.090	ng/ul	98
20) Pyrene	19.358	202	163417	3.189	ng/ul	97
21) Benzo(a)anthracene	21.125	228	87236	1.762	ng/ul	98
22) Chrysene	21.177	228	80794	1.399	ng/ul	99
24) Benzo(b)fluoranthene	22.671	252	112907m	2.526	ng/ul	
25) Benzo(k)fluoranthene	22.709	252	39573m	0.739	ng/ul	
26) Benzo(a)pyrene	23.226	252	86214	2.049	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	25.527	276	57673	0.901	ng/ul	90
28) Dibenzo(a,h)anthracene	25.520	278	12854	0.253	ng/ul	96
29) Benzo(g,h,i)perylene	26.201	276	56782	1.117	ng/ul	93

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

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