

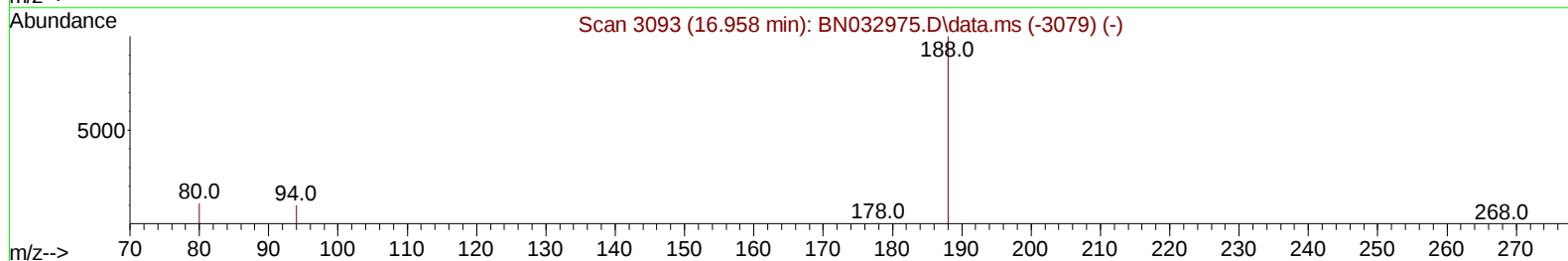
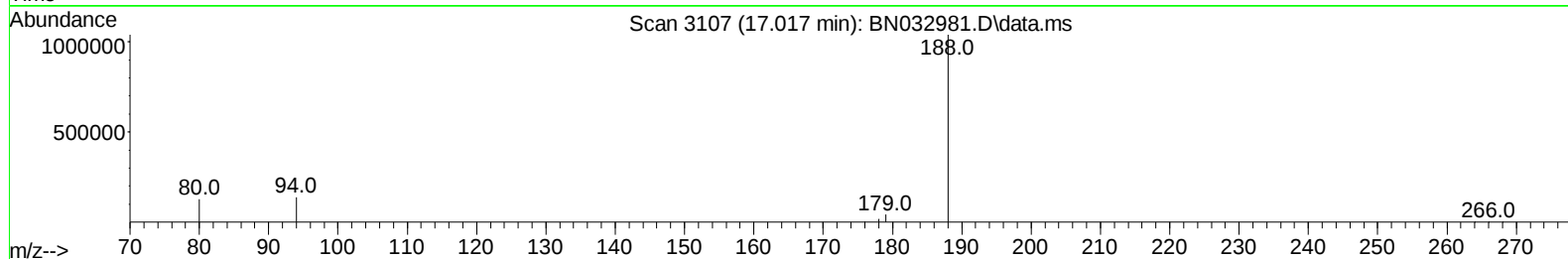
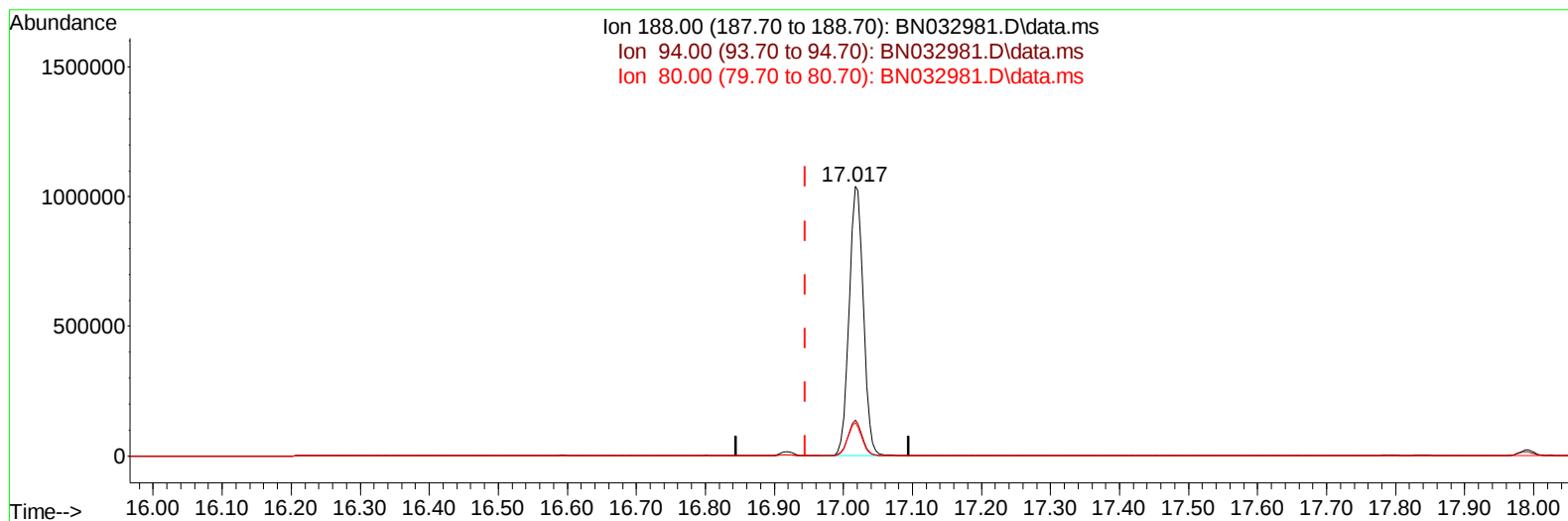
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
Data File : BN032981.D
Acq On : 25 Jul 2024 20:45
Operator : MA/JU
Sample : P3347-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AW2

Manual IntegrationsAPPROVED

Quant Time: Jul 26 01:18:54 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 07/26/2024
Supervised By :mohammad ahmed 07/30/2024



TIC: BN032981.D\data.ms

(13) Phenanthrene-d10 (I)

17.017min (+ 0.072) 0.40 ng/u1

response 1491995

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	13.36
80.00	13.10	12.30
0.00	0.00	0.00

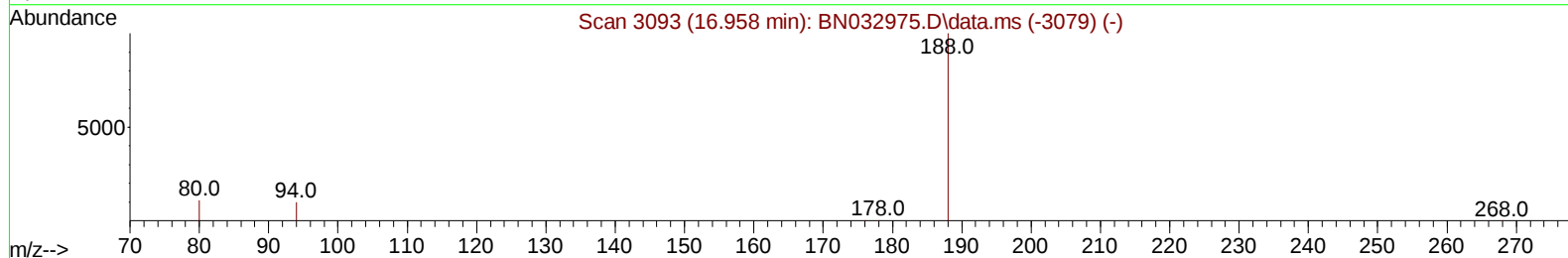
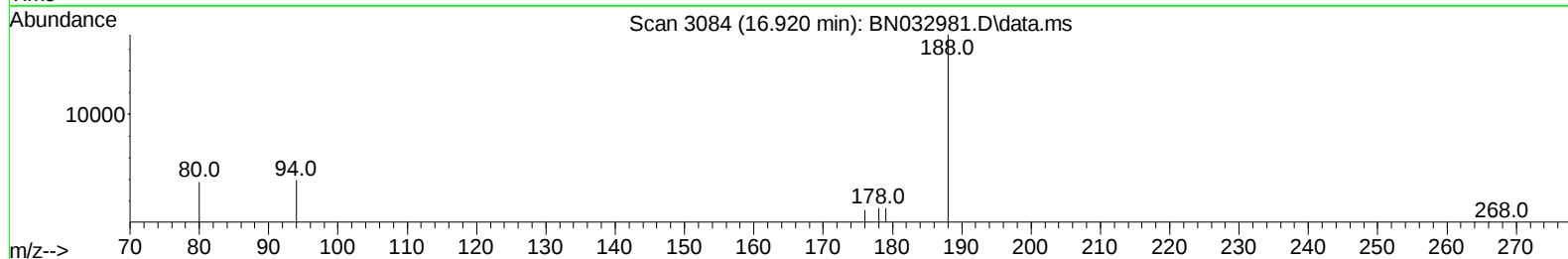
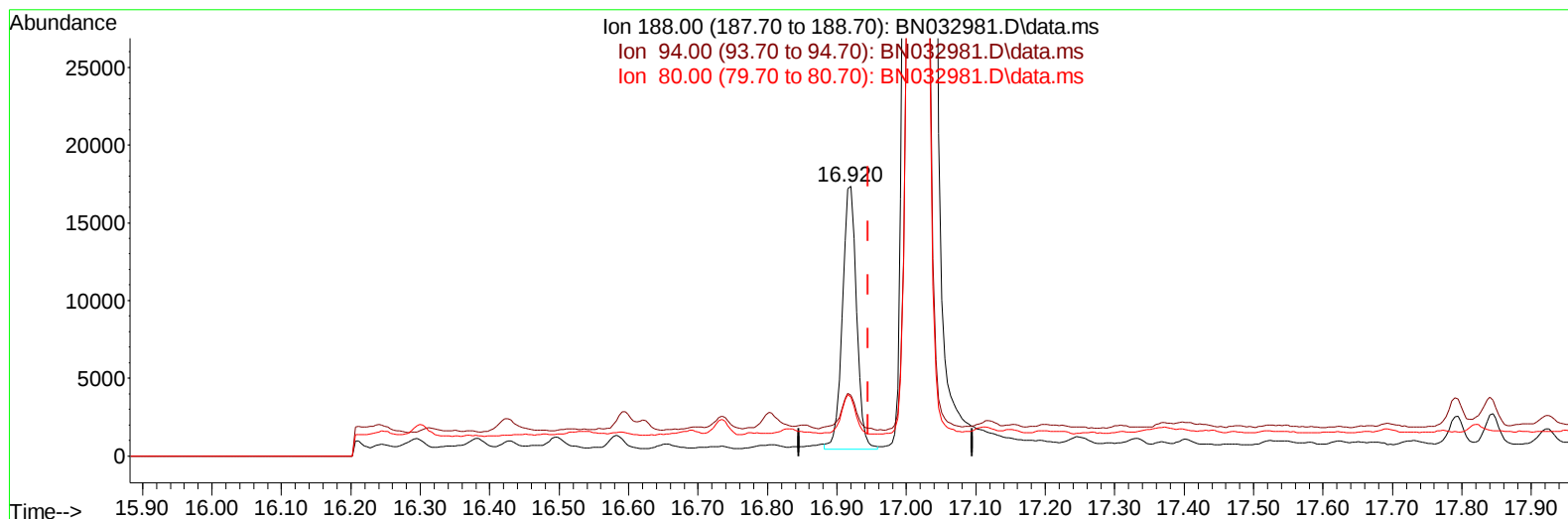
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
 Data File : BN032981.D
 Acq On : 25 Jul 2024 20:45
 Operator : MA/JU
 Sample : P3347-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AW2

Manual IntegrationsAPPROVED

Quant Time: Jul 26 01:18:54 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 15:43:00 2024
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Reviewed By :Jagrut Upadhyay 07/26/2024
 Supervised By :mohammad ahmed 07/30/2024



TIC: BN032981.D\data.ms

(13) Phenanthrene-d10 (I)

16.920min (-0.025) 0.40 ng/ul m

response 24065

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	22.62#
80.00	13.10	21.85#
0.00	0.00	0.00

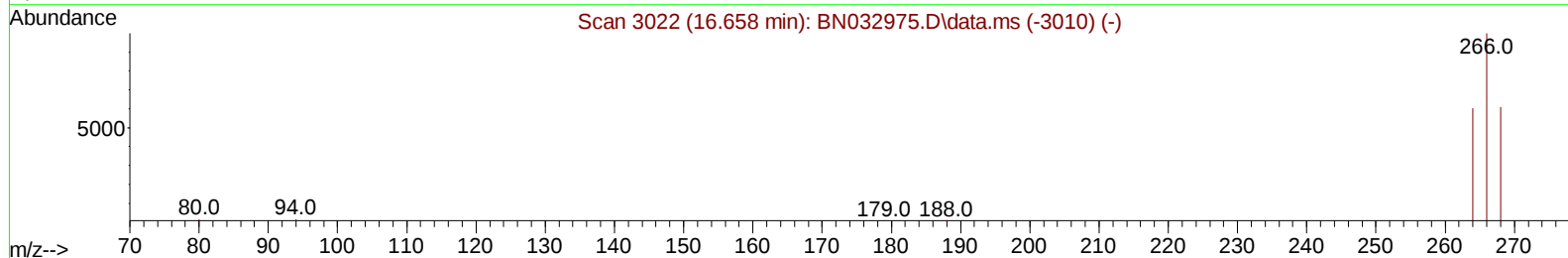
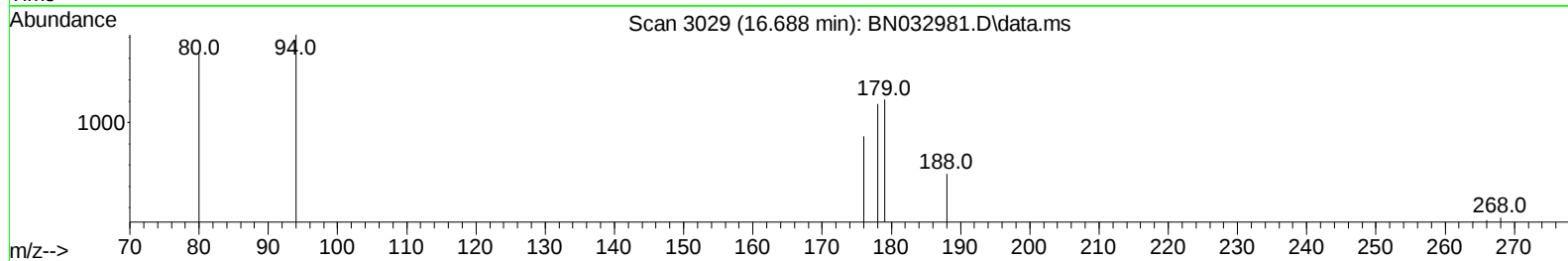
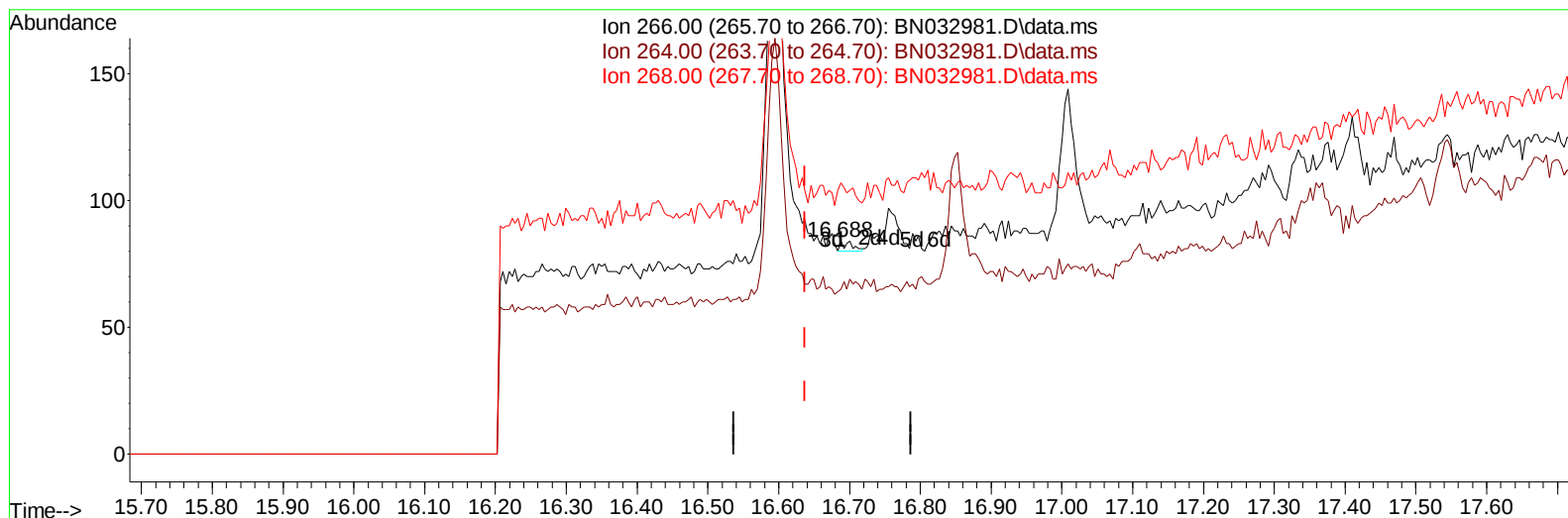
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
Data File : BN032981.D
Acq On : 25 Jul 2024 20:45
Operator : MA/JU
Sample : P3347-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AW2

Manual IntegrationsAPPROVED

Quant Time: Jul 26 01:18:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
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TIC: BN032981.D\data.ms

(14) Pentachlorophenol

16.688min (+ 0.051) 0.00 ng/u1

response 4

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	61.60	200.00#
268.00	64.80	300.00#
0.00	0.00	0.00

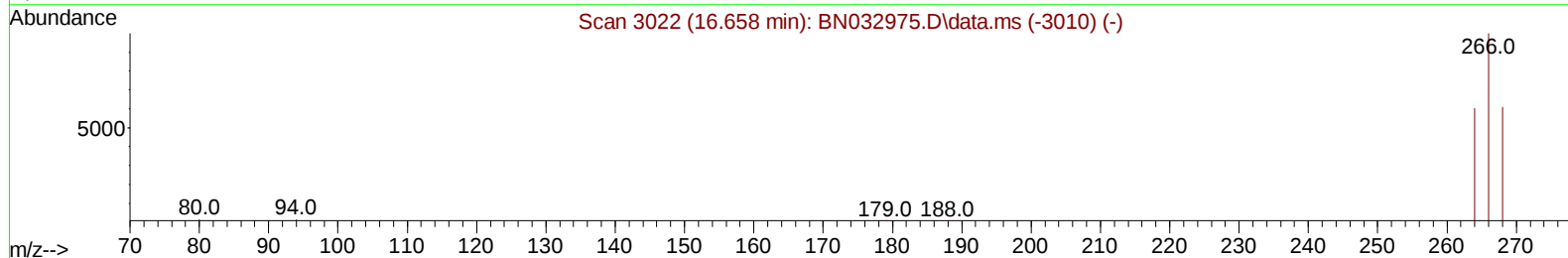
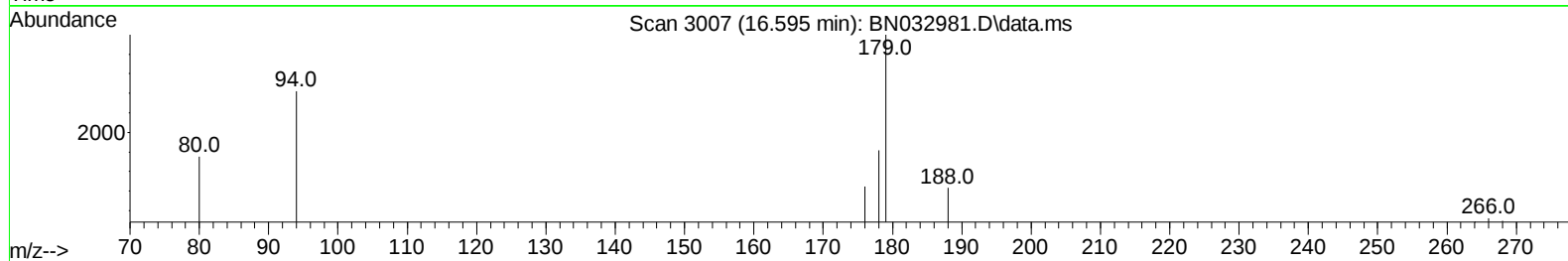
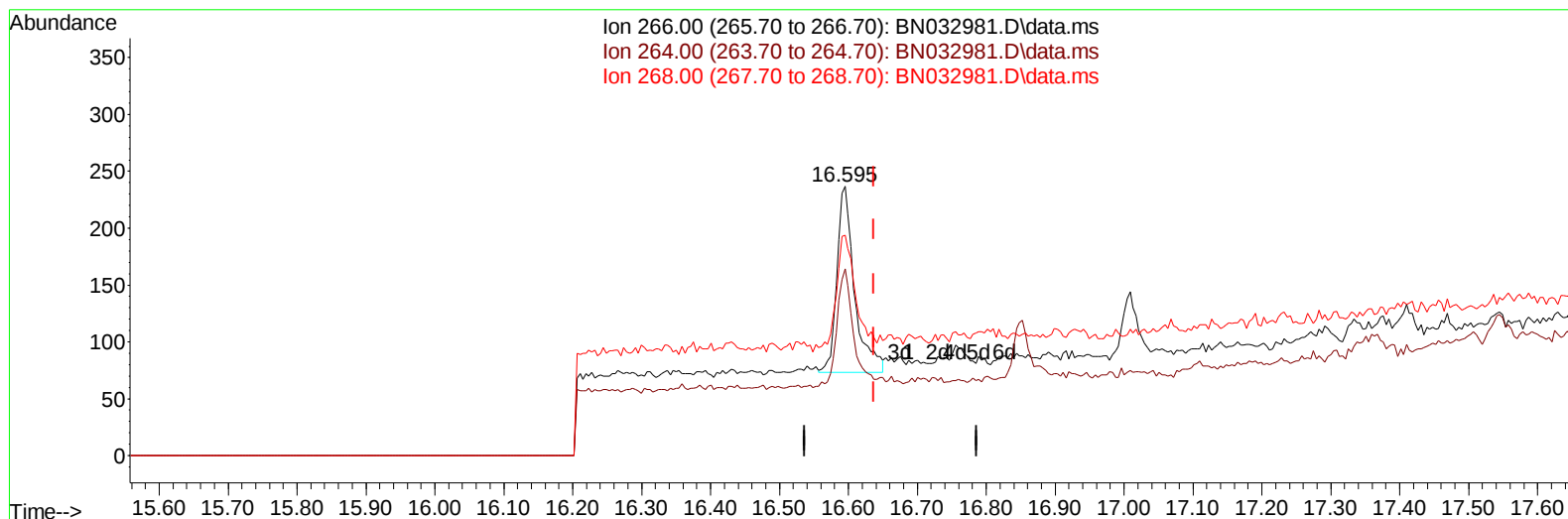
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
Data File : BN032981.D
Acq On : 25 Jul 2024 20:45
Operator : MA/JU
Sample : P3347-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AW2

Manual IntegrationsAPPROVED

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

Quant Time: Jul 26 01:18:54 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: BN032981.D\data.ms

(14) Pentachlorophenol

16.595min (-0.042) 0.06 ng/ul m

response 293

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	61.60	2.73#
268.00	64.80	4.10#
0.00	0.00	0.00

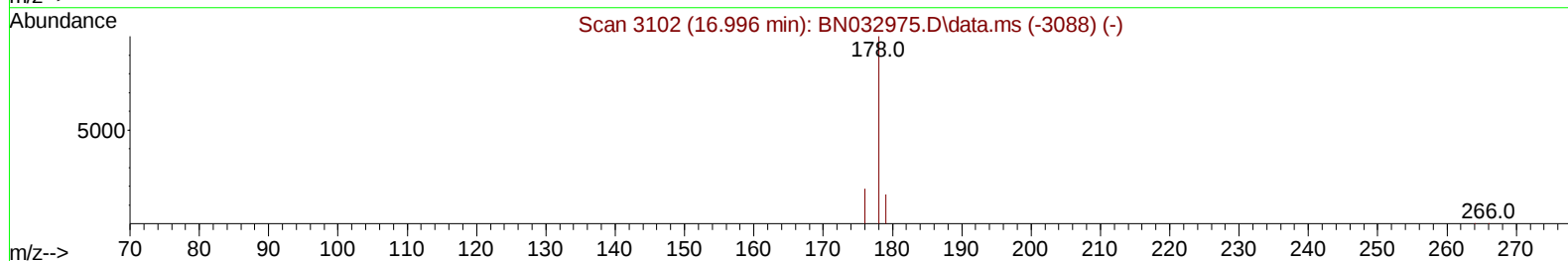
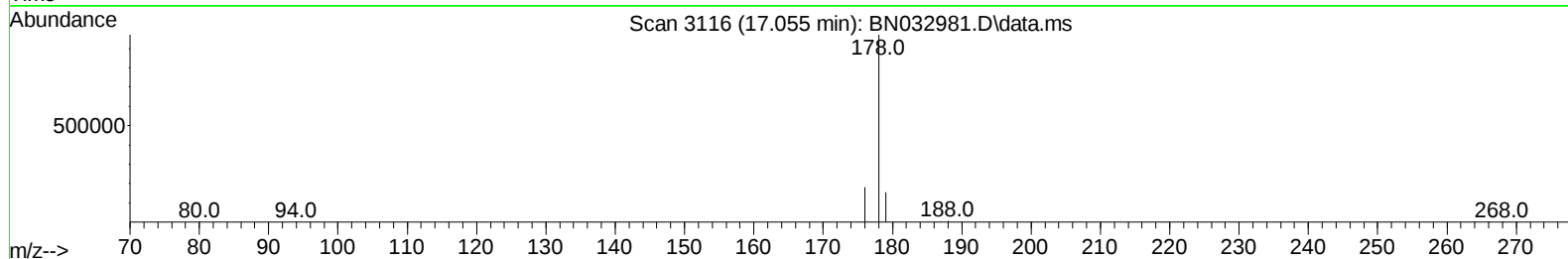
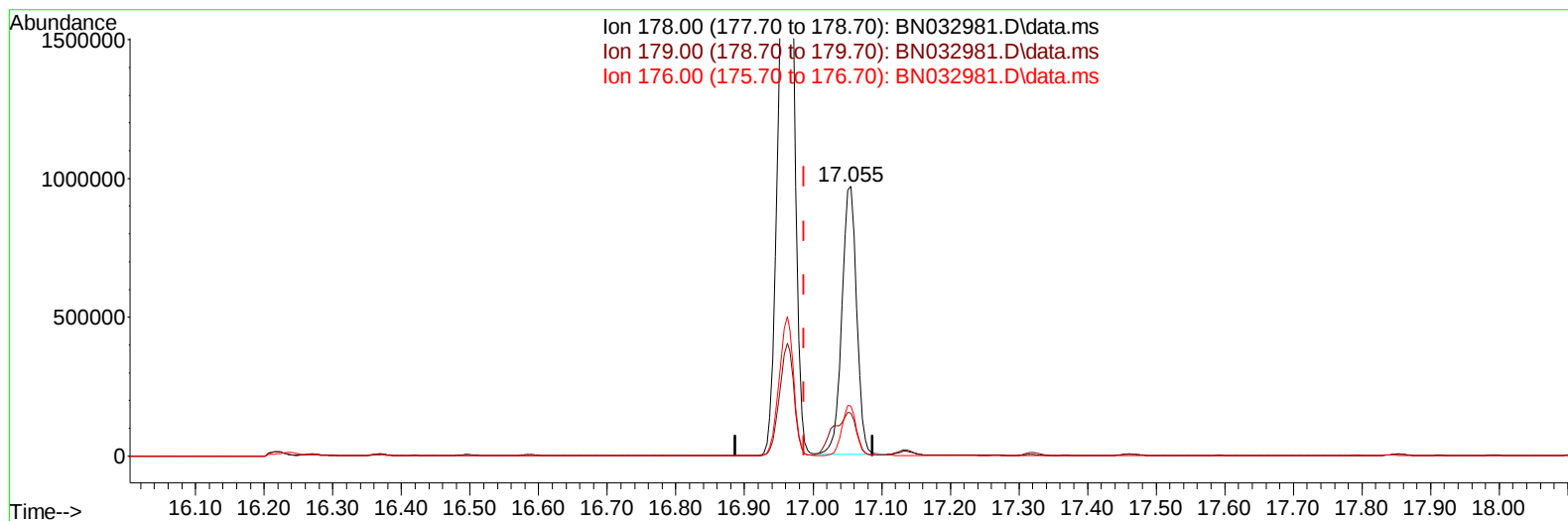
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
Data File : BN032981.D
Acq On : 25 Jul 2024 20:45
Operator : MA/JU
Sample : P3347-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AW2

Manual IntegrationsAPPROVED

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TIC: BN032981.D\data.ms

(15) Phenanthrene

17.055min (+ 0.068) 22.21 ng/u1

response 1433822

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.10	16.02
176.00	19.90	18.56
0.00	0.00	0.00

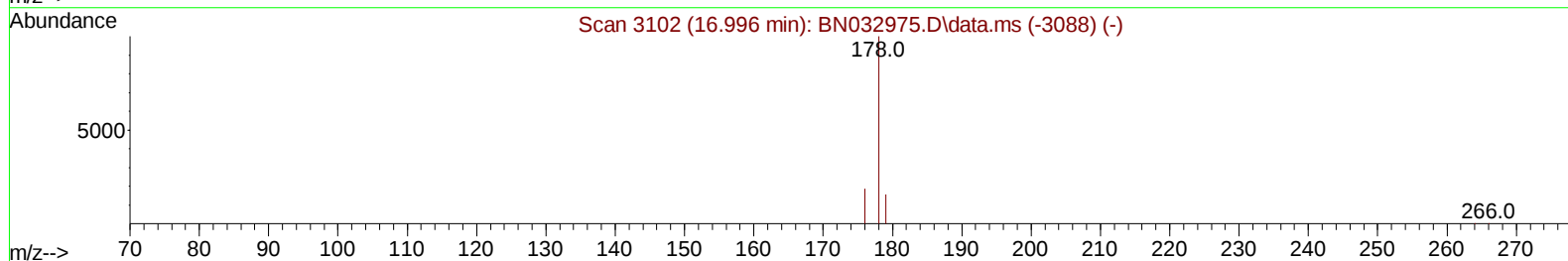
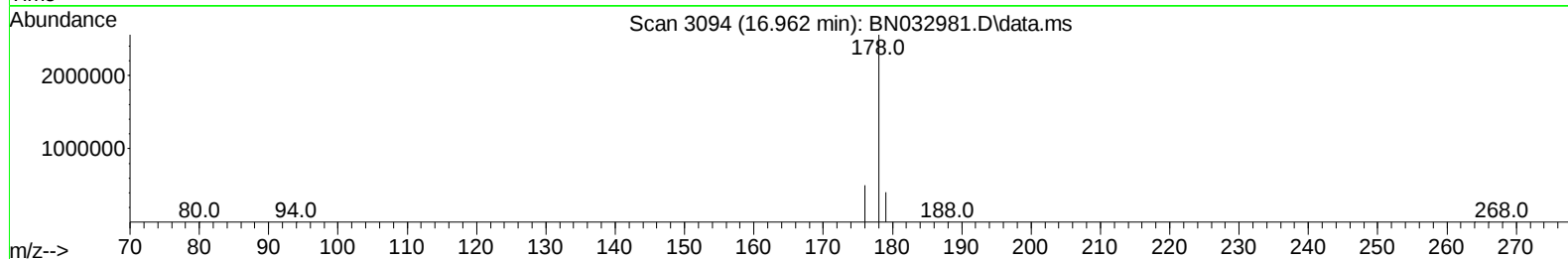
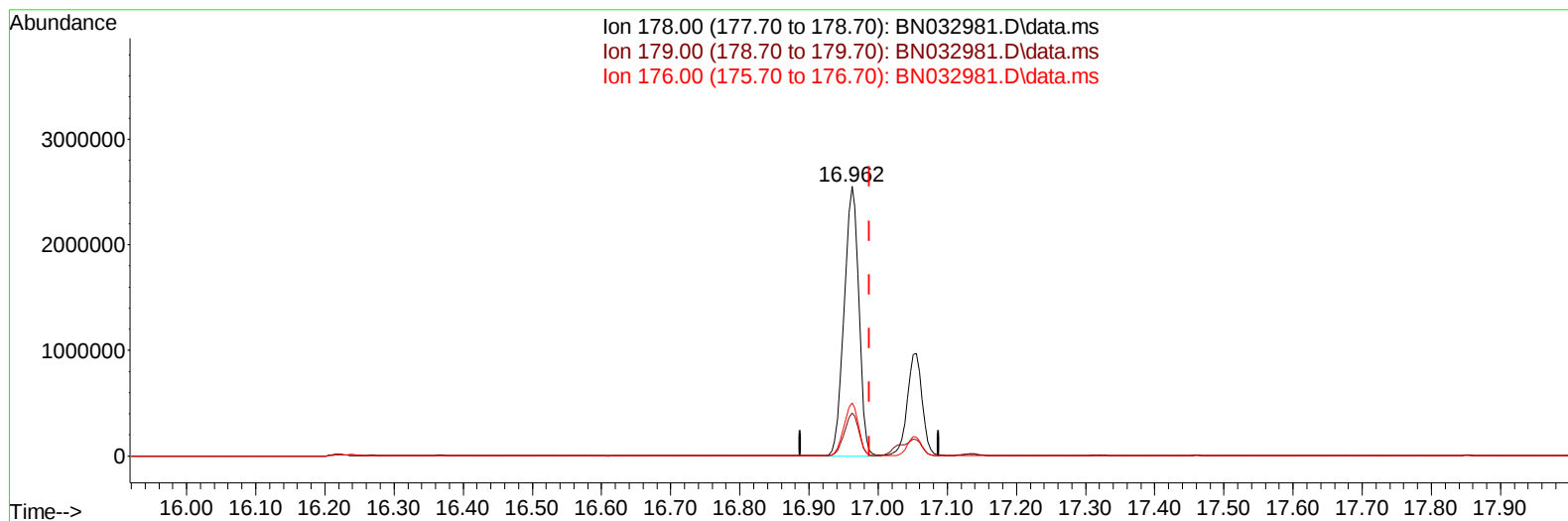
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
Data File : BN032981.D
Acq On : 25 Jul 2024 20:45
Operator : MA/JU
Sample : P3347-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AW2

Manual IntegrationsAPPROVED

Quant Time: Jul 26 01:18:54 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 07/26/2024
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TIC: BN032981.D\data.ms

(15) Phenanthrene

16.962min (-0.025) 58.48 ng/ul m

response 3774869

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.10	15.92
176.00	19.90	19.70
0.00	0.00	0.00

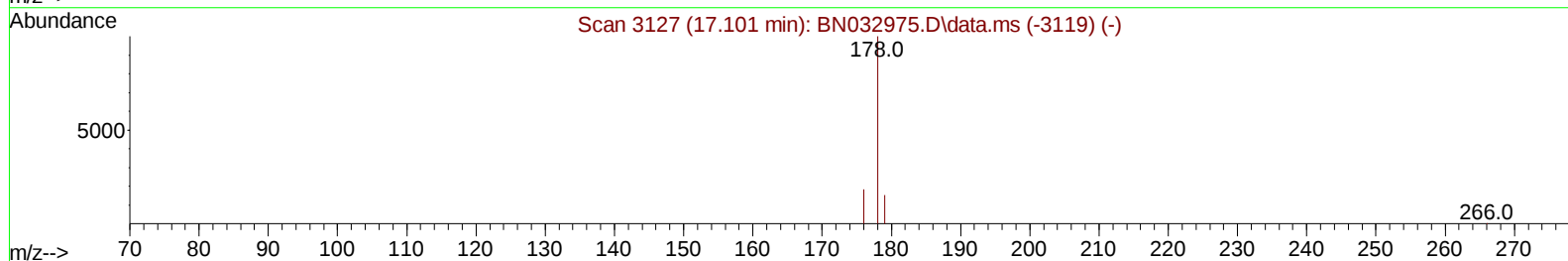
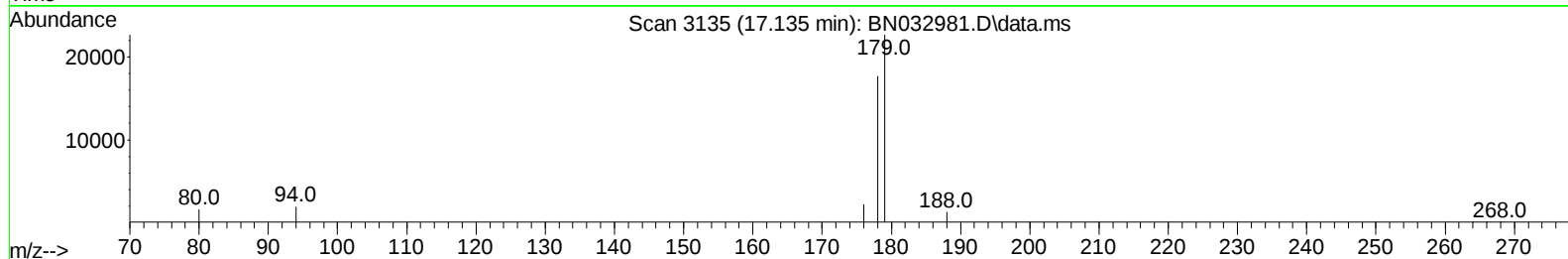
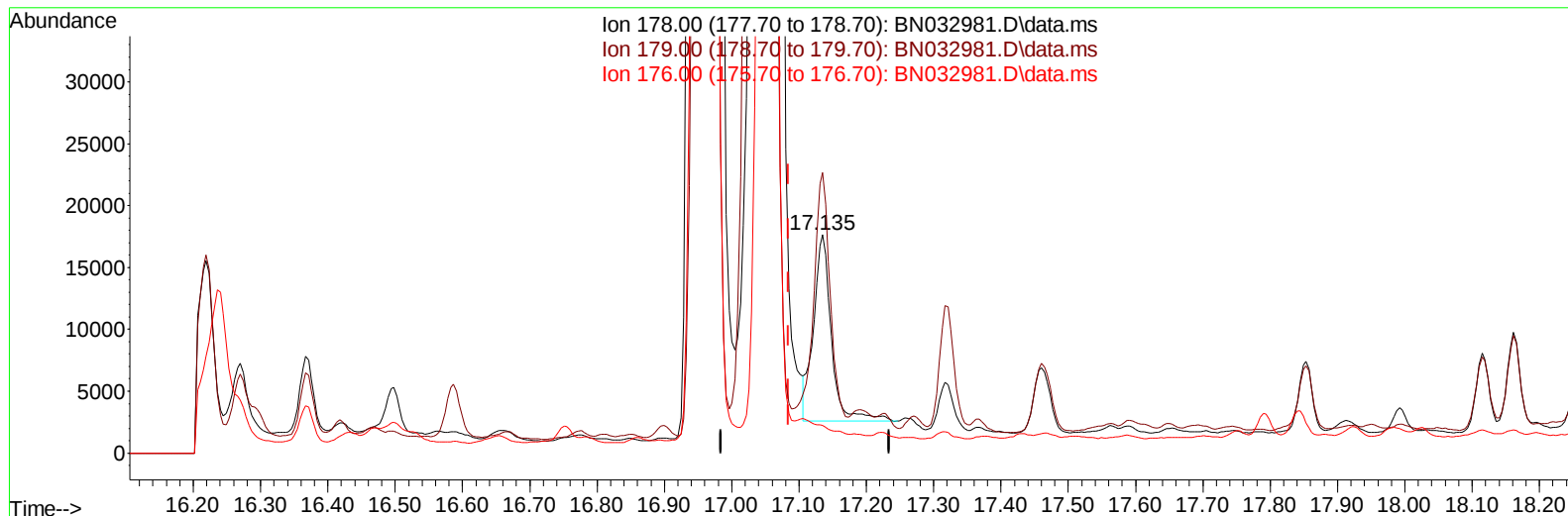
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
Data File : BN032981.D
Acq On : 25 Jul 2024 20:45
Operator : MA/JU
Sample : P3347-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AW2

Manual IntegrationsAPPROVED

Quant Time: Jul 26 01:18:54 2024
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Supervised By :mohammad ahmed 07/30/2024



TIC: BN032981.D\data.ms

(16) Anthracene

17.135min (+ 0.051) 0.48 ng/u1

response 28066

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.90	128.33#
176.00	19.80	12.54#
0.00	0.00	0.00

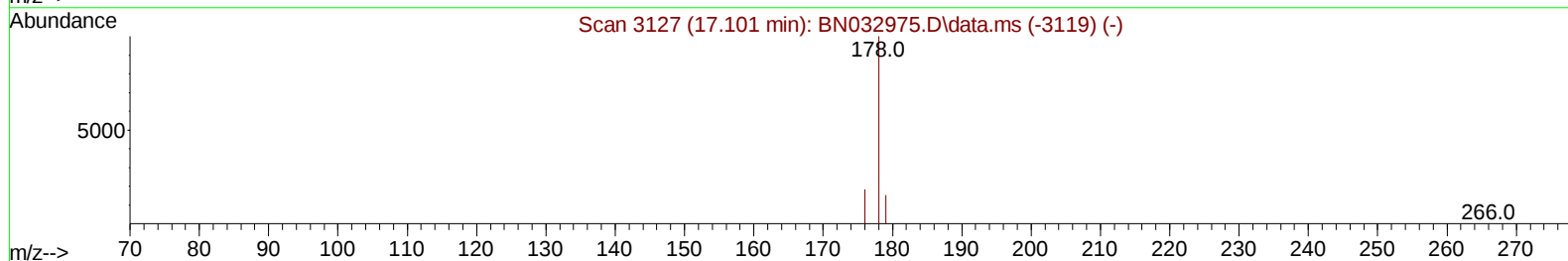
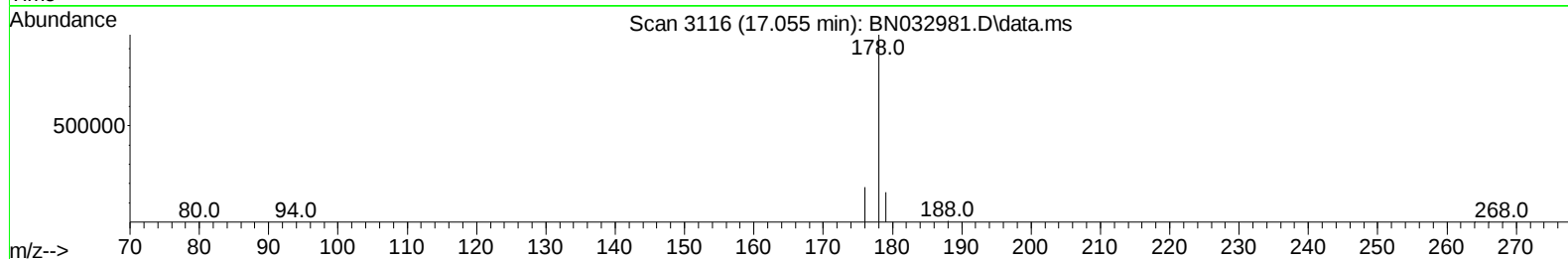
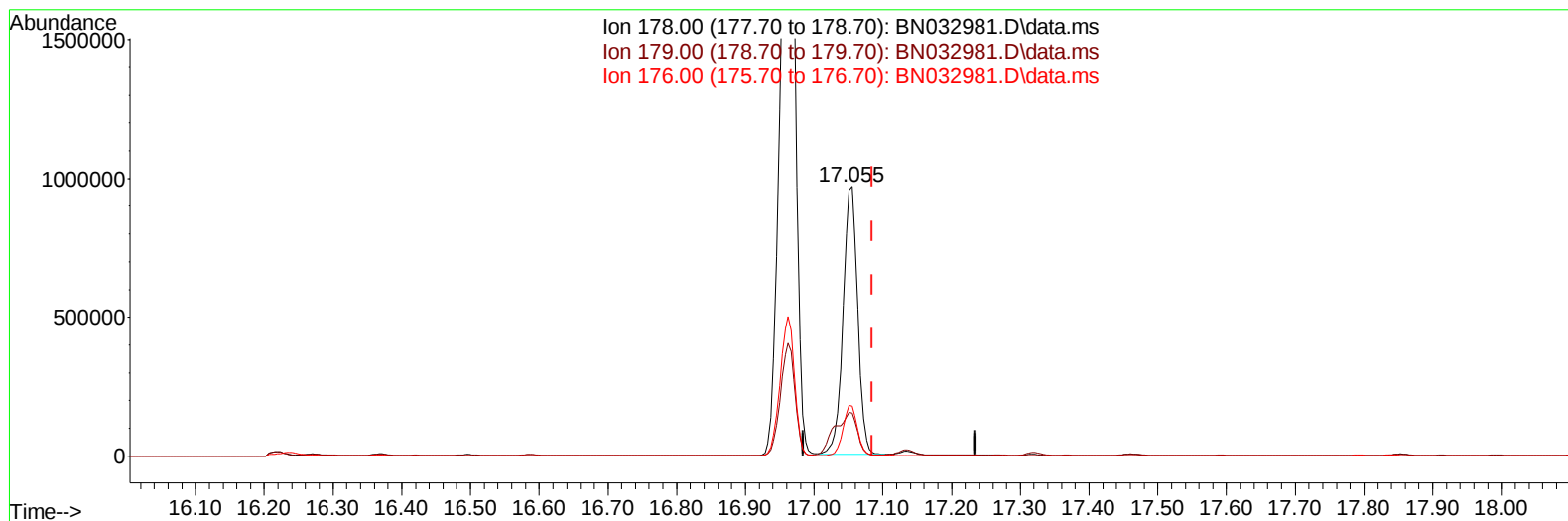
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
 Data File : BN032981.D
 Acq On : 25 Jul 2024 20:45
 Operator : MA/JU
 Sample : P3347-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AW2

Manual IntegrationsAPPROVED

Quant Time: Jul 26 01:18:54 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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 Supervised By :mohammad ahmed 07/30/2024



TIC: BN032981.D\data.ms

(16) Anthracene

17.055min (-0.029) 24.74 ng/ul m

response 1435915

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.90	16.02
176.00	19.80	18.56
0.00	0.00	0.00

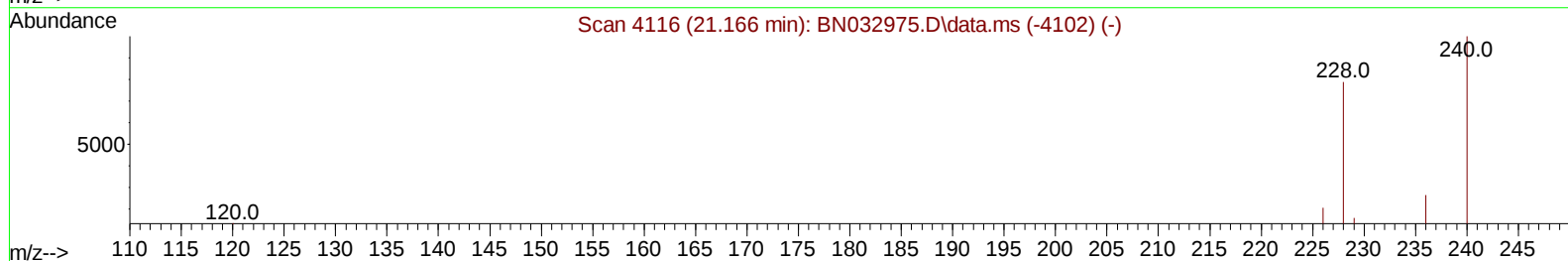
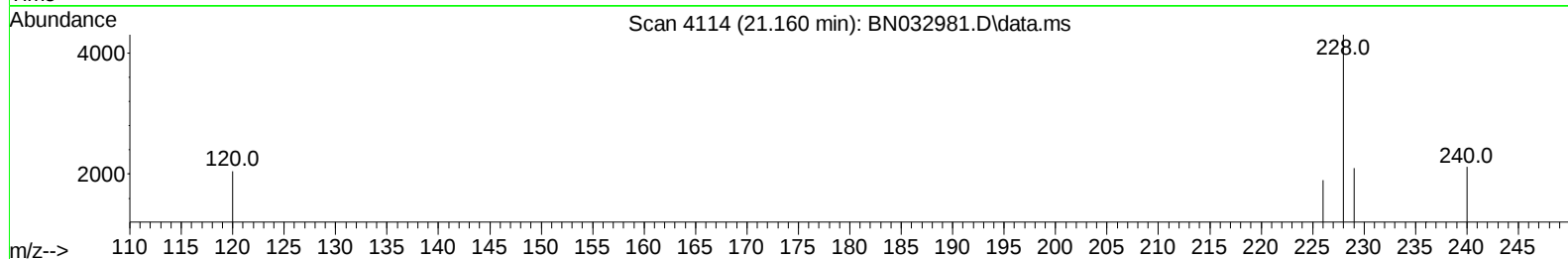
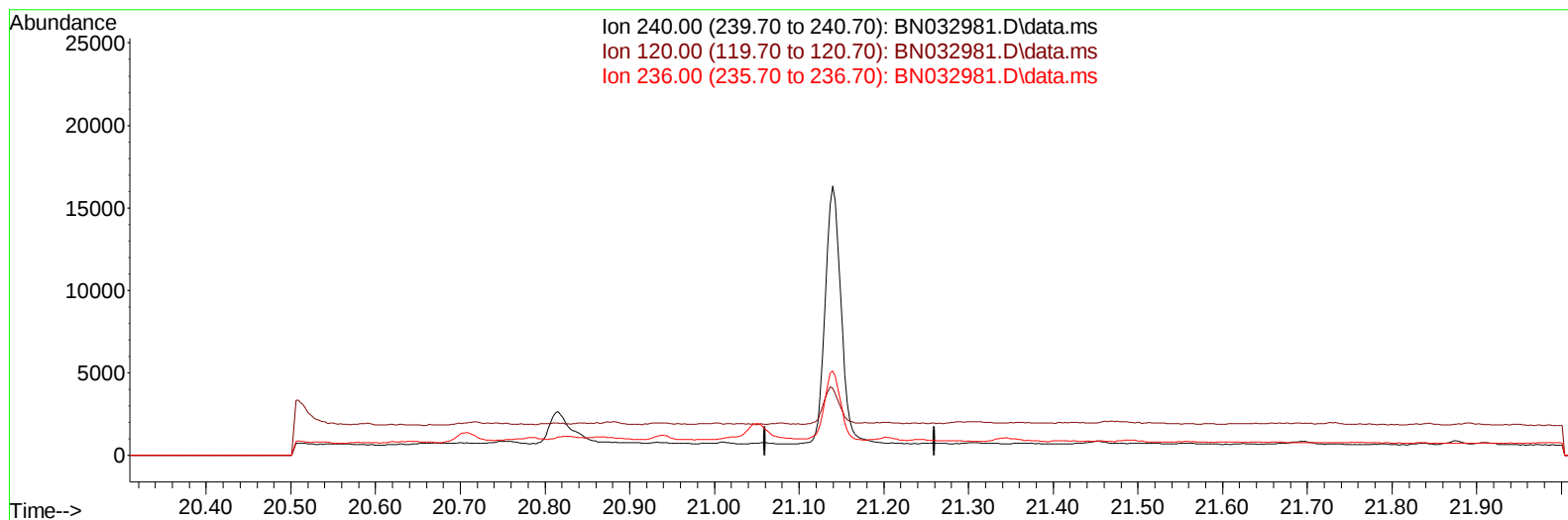
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
Data File : BN032981.D
Acq On : 25 Jul 2024 20:45
Operator : MA/JU
Sample : P3347-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AW2

Manual IntegrationsAPPROVED

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TIC: BN032981.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

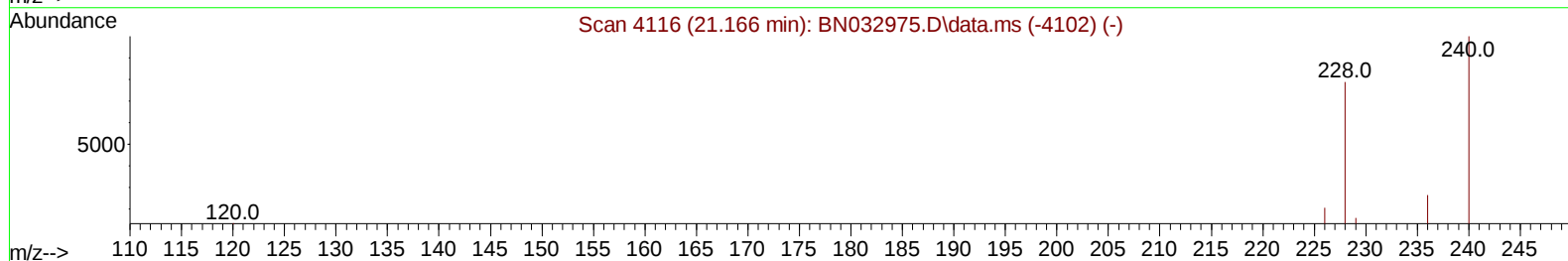
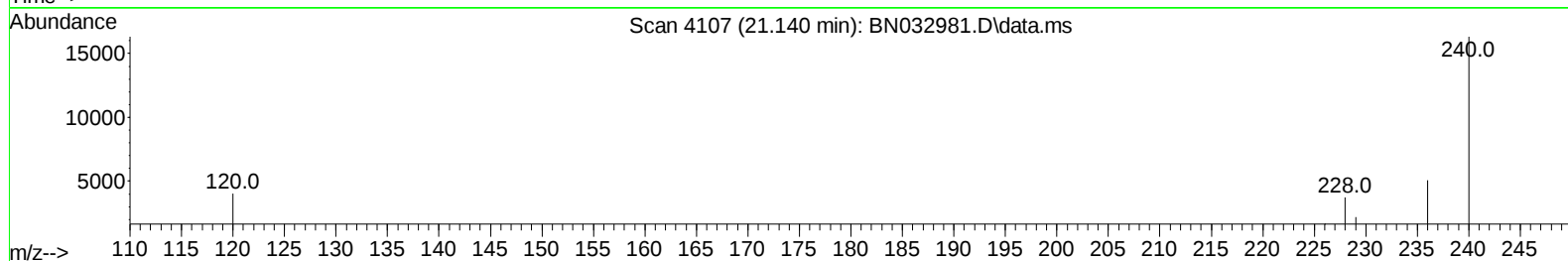
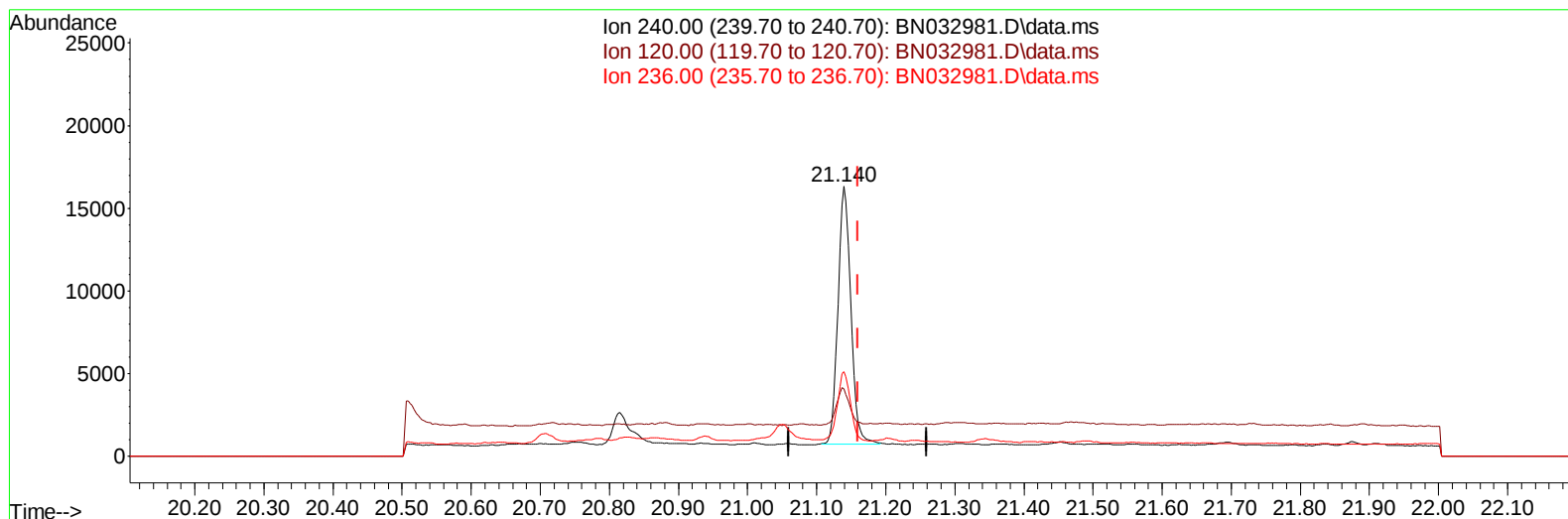
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
Data File : BN032981.D
Acq On : 25 Jul 2024 20:45
Operator : MA/JU
Sample : P3347-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AW2

Manual IntegrationsAPPROVED

Quant Time: Jul 26 01:18:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
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TIC: BN032981.D\data.ms

(17) Chrysene-d12

21.140min (-0.020) 0.40 ng/ul m

response 20139

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	21.40	24.82
236.00	29.50	31.21
0.00	0.00	0.00

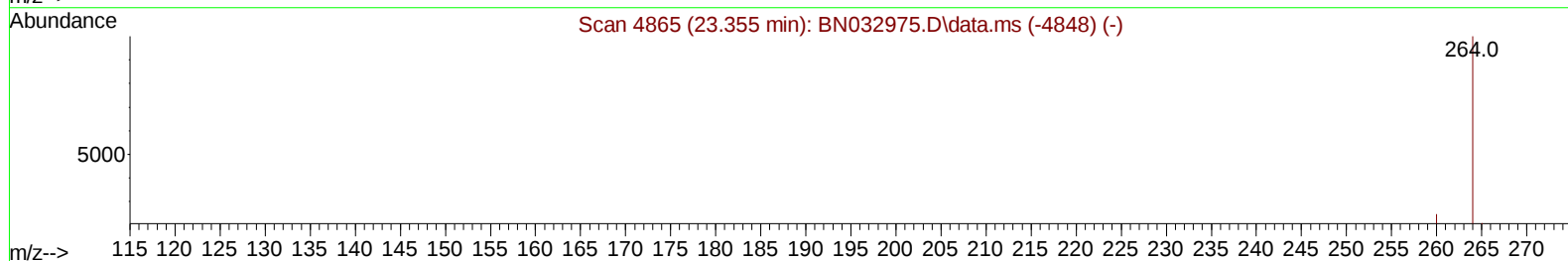
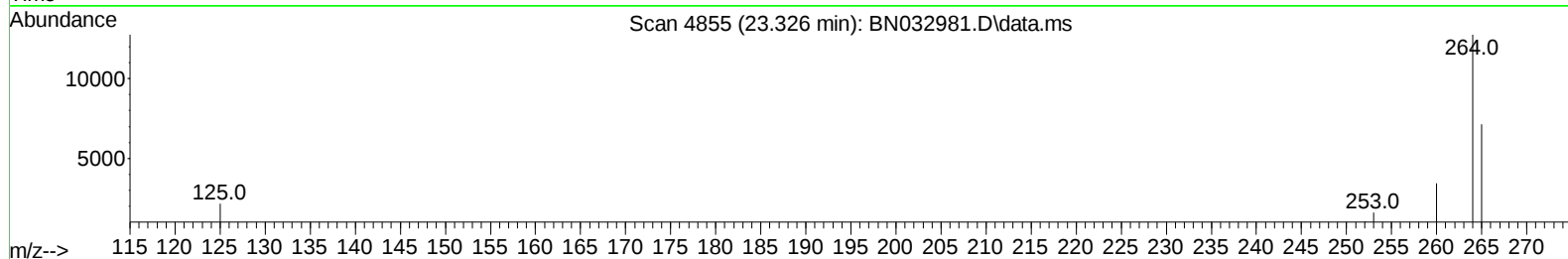
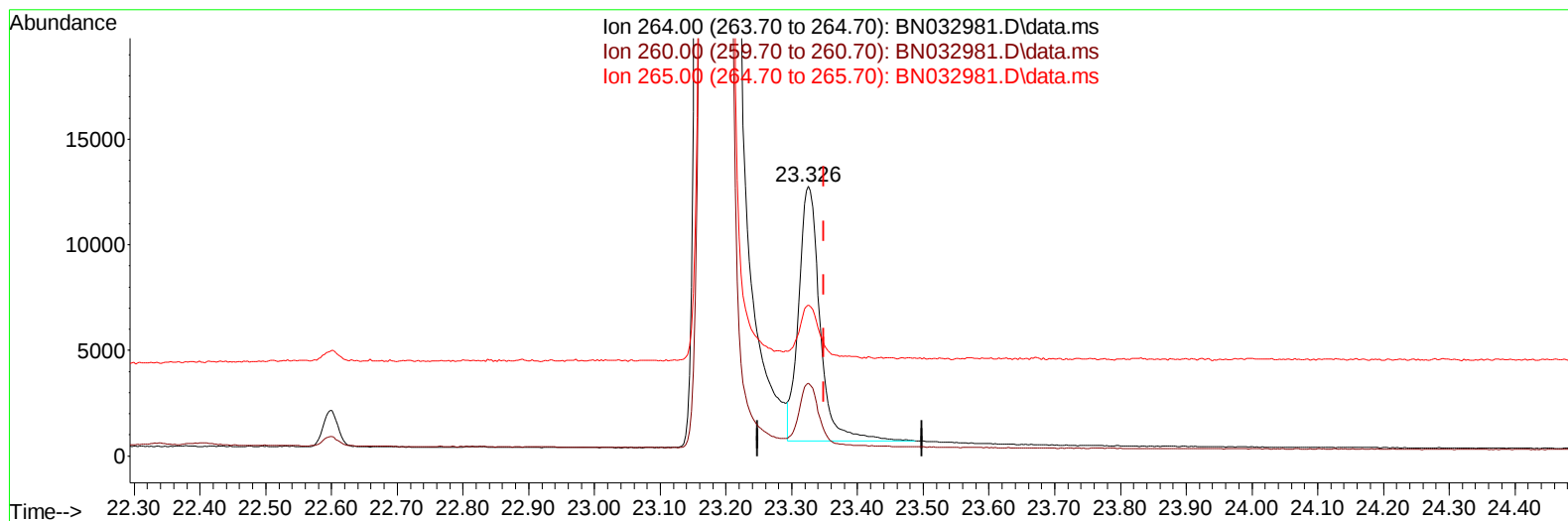
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
Data File : BN032981.D
Acq On : 25 Jul 2024 20:45
Operator : MA/JU
Sample : P3347-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AW2

Manual IntegrationsAPPROVED

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TIC: BN032981.D\data.ms

(23) Perylene-d12 (I)

23.326min (-0.023) 0.40 ng/u1

response 26915

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.50	26.90
265.00	80.60	56.00#
0.00	0.00	0.00

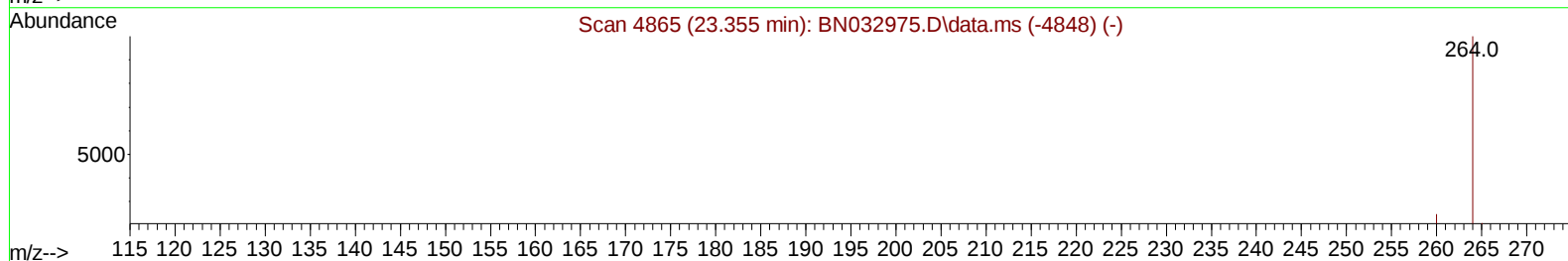
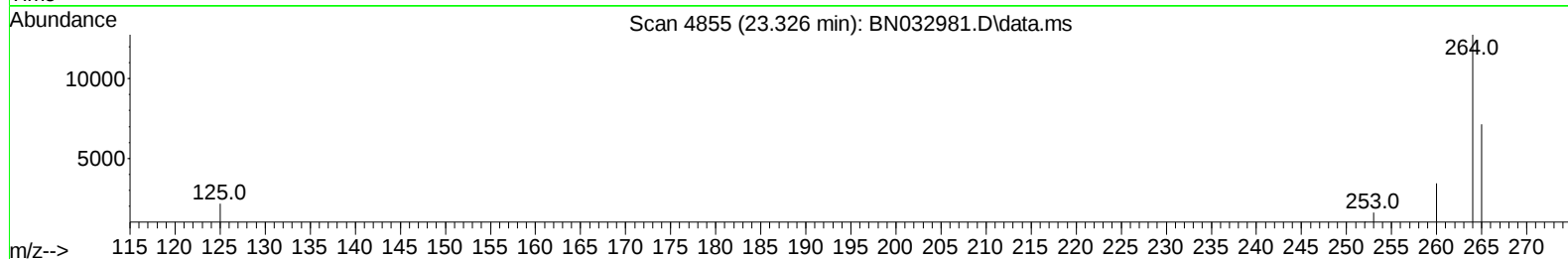
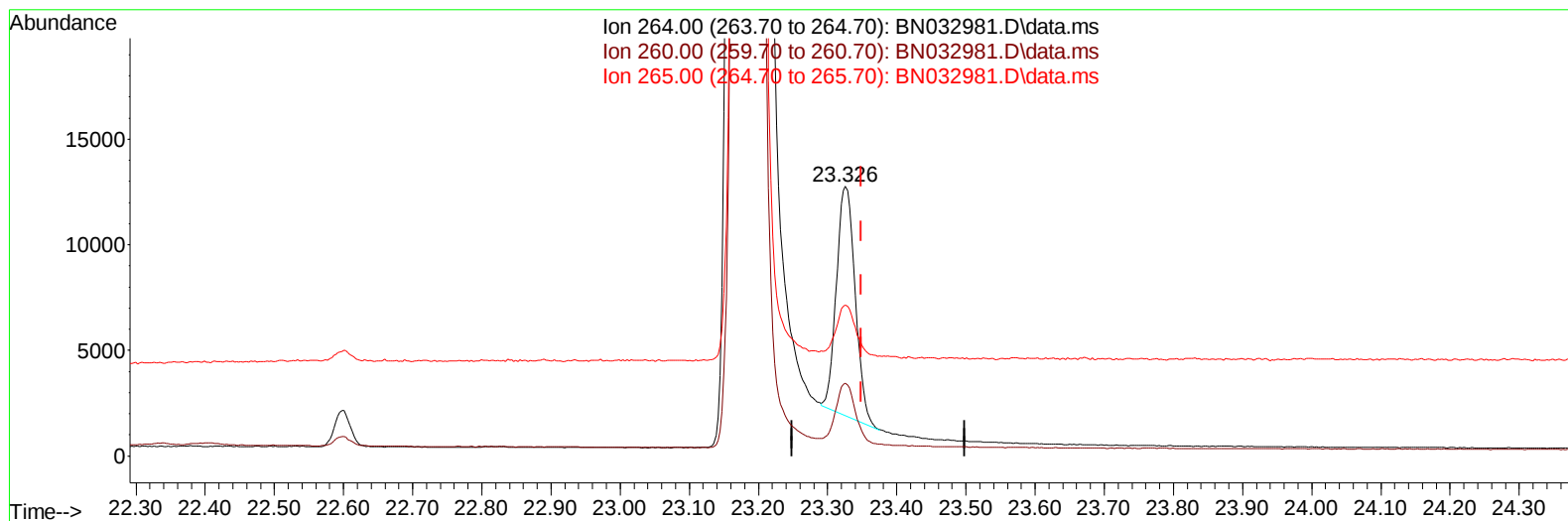
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
 Data File : BN032981.D
 Acq On : 25 Jul 2024 20:45
 Operator : MA/JU
 Sample : P3347-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN032981.D\data.ms

(23) Perylene-d12 (I)

23.326min (-0.023) 0.40 ng/ul m

response 20418

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.50	26.90
265.00	80.60	56.00#
0.00	0.00	0.00

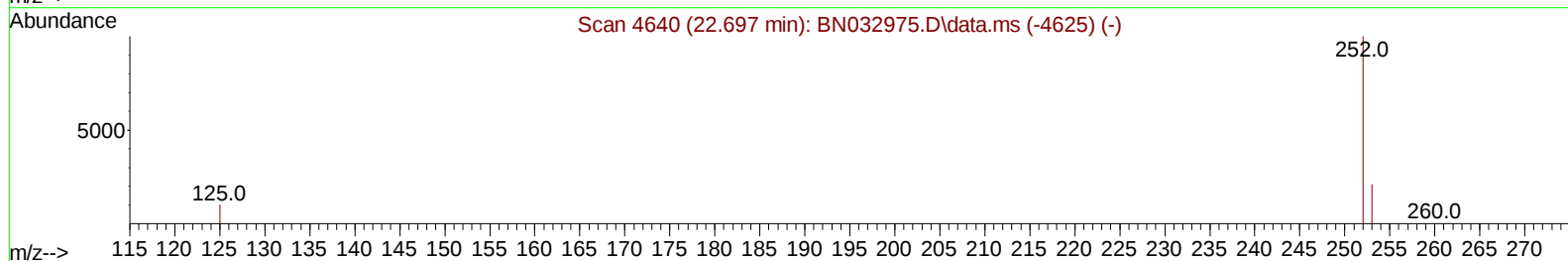
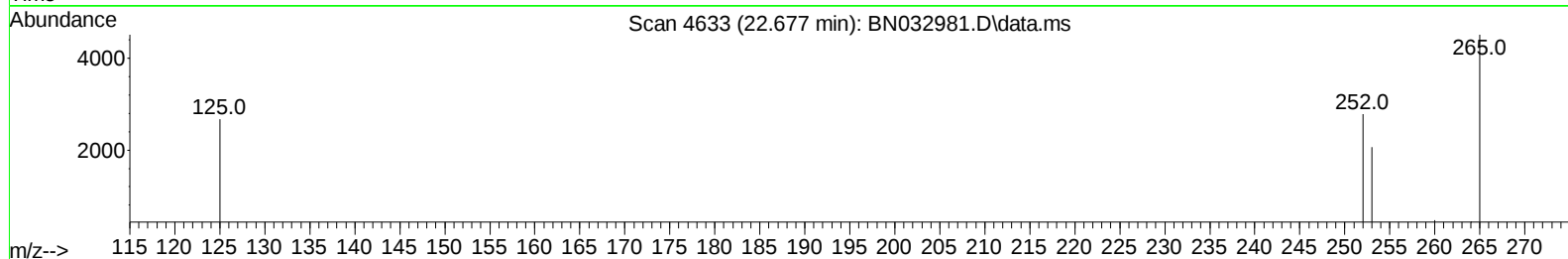
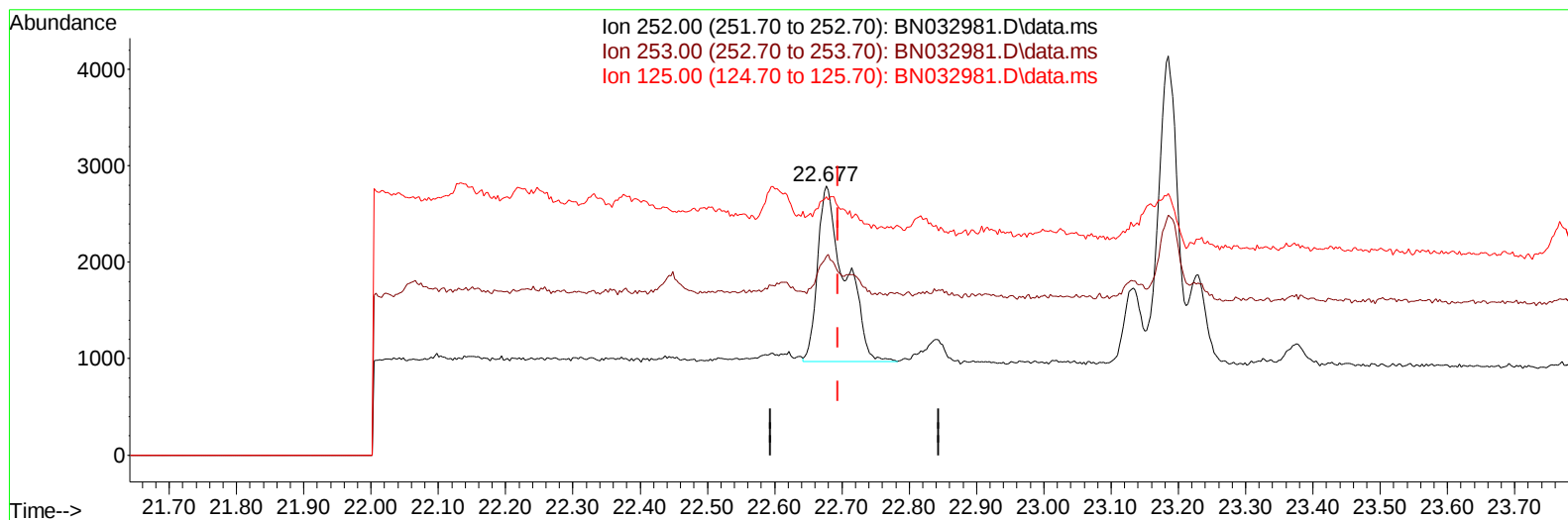
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
Data File : BN032981.D
Acq On : 25 Jul 2024 20:45
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AW2

Manual IntegrationsAPPROVED

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TIC: BN032981.D\data.ms

(24) Benzo(b)fluoranthene

22.677min (-0.017) 0.09 ng/u1

response 5178

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.30	73.86#
125.00	25.50	96.13#
0.00	0.00	0.00

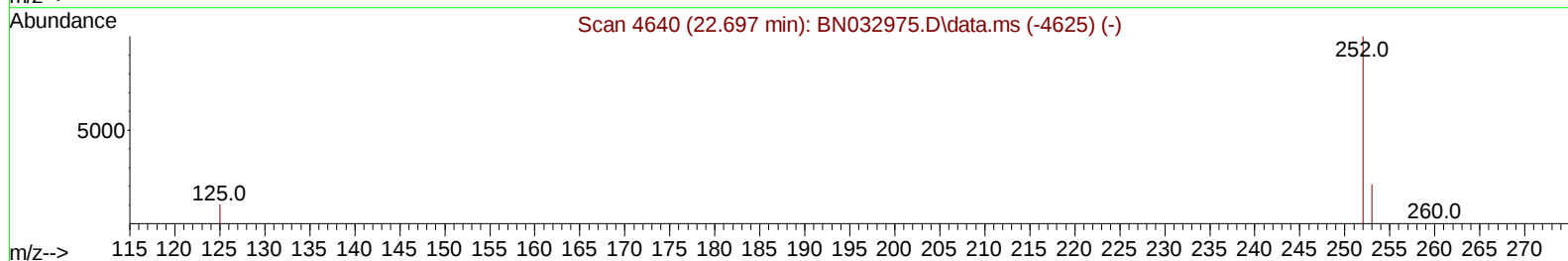
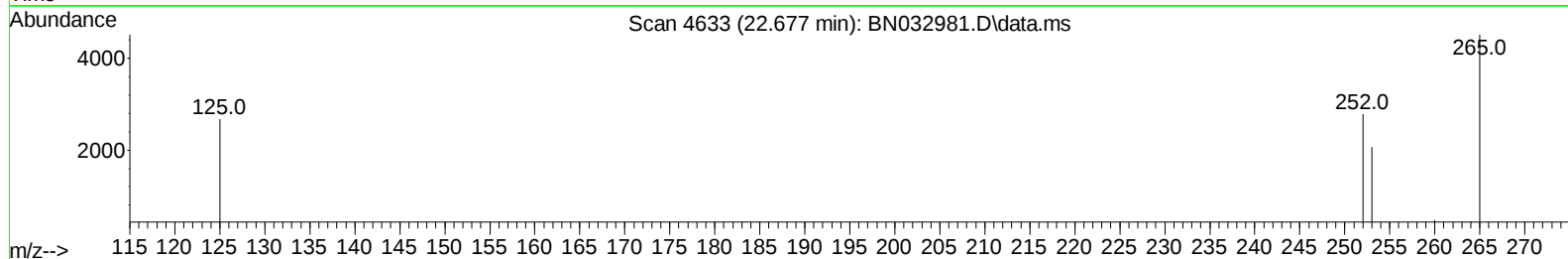
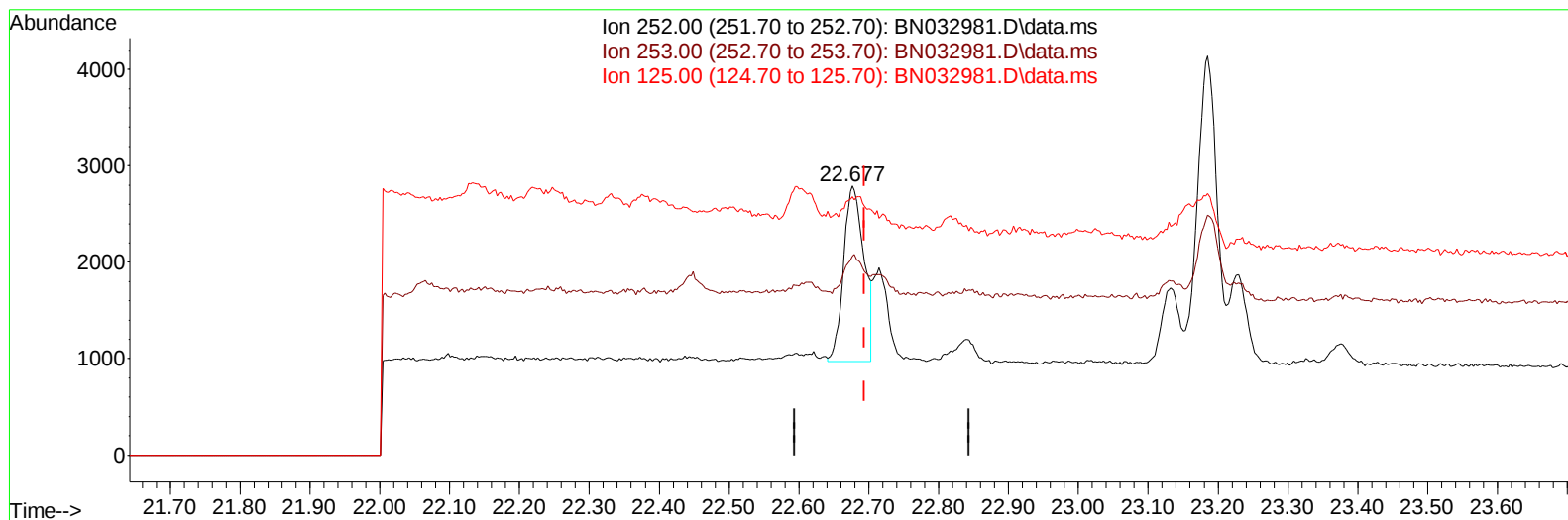
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
Data File : BN032981.D
Acq On : 25 Jul 2024 20:45
Operator : MA/JU
Sample : P3347-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AW2

Manual IntegrationsAPPROVED

Quant Time: Jul 26 01:18:54 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 07/26/2024
Supervised By :mohammad ahmed 07/30/2024



TIC: BN032981.D\data.ms

(24) Benzo(b)fluoranthene

22.677min (-0.017) 0.06 ng/u1 m

response 3694

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.30	73.86#
125.00	25.50	96.13#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
 Data File : BN032981.D
 Acq On : 25 Jul 2024 20:45
 Operator : MA/JU
 Sample : P3347-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.508	152		4813	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.268	136		16615	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.152	164		13051	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.920	188		24065m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.140	240		20139m	0.400	ng/ul	-0.02
23) Perylene-d12	23.326	264		20418m	0.400	ng/ul	-0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.065	96		20985	3.447	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.868	152		8126	0.300	ng/ul	-0.04
18) Fluoranthene-d10	18.963	212		22075	0.387	ng/ul	-0.02
Target Compounds							
							Qvalue
5) Naphthalene	10.317	128		4957279	116.183	ng/ul#	93
7) 2-Methylnaphthalene	11.939	142		1304365	45.128	ng/ul	95
8) 1-Methylnaphthalene	12.165	142		975205	31.200	ng/ul	99
10) Acenaphthylene	13.875	152		100478	1.881	ng/ul#	95
11) Acenaphthene	14.222	153		3115013	77.534	ng/ul	97
12) Fluorene	15.216	166		2100639	44.860	ng/ul	97
14) Pentachlorophenol	16.595	266		293m	0.060	ng/ul	
15) Phenanthrene	16.962	178		3774869m	58.481	ng/ul	
16) Anthracene	17.055	178		1435915m	24.743	ng/ul	
19) Fluoranthene	18.991	202		760452	11.468	ng/ul	98
20) Pyrene	19.358	202		465095	6.540	ng/ul	99
21) Benzo(a)anthracene	21.122	228		15547	0.226	ng/ul#	87
22) Chrysene	21.175	228		16593	0.207	ng/ul#	85
24) Benzo(b)fluoranthene	22.677	252		3694m	0.062	ng/ul	

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

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