

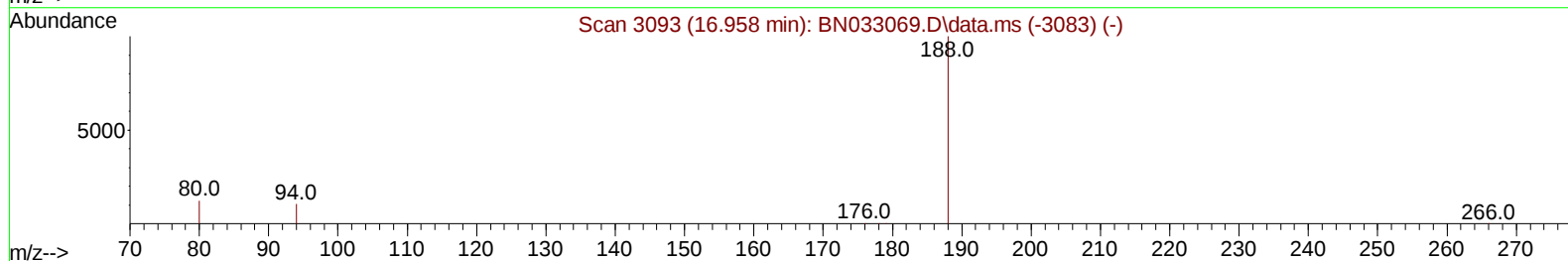
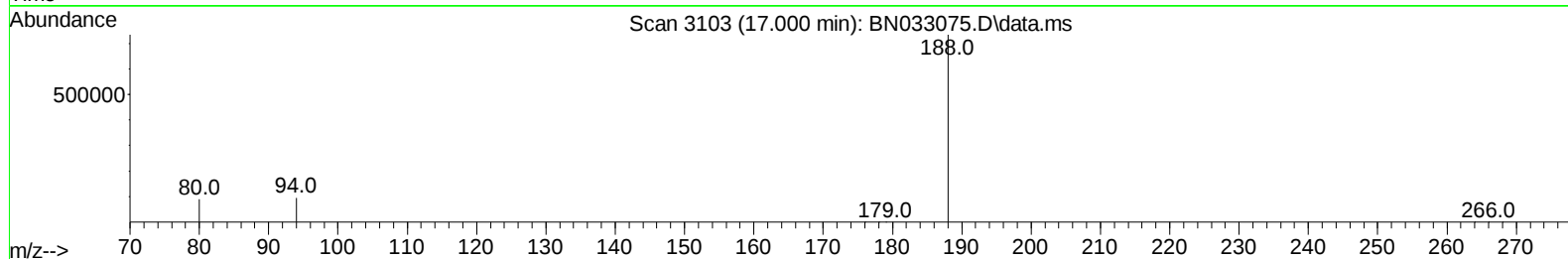
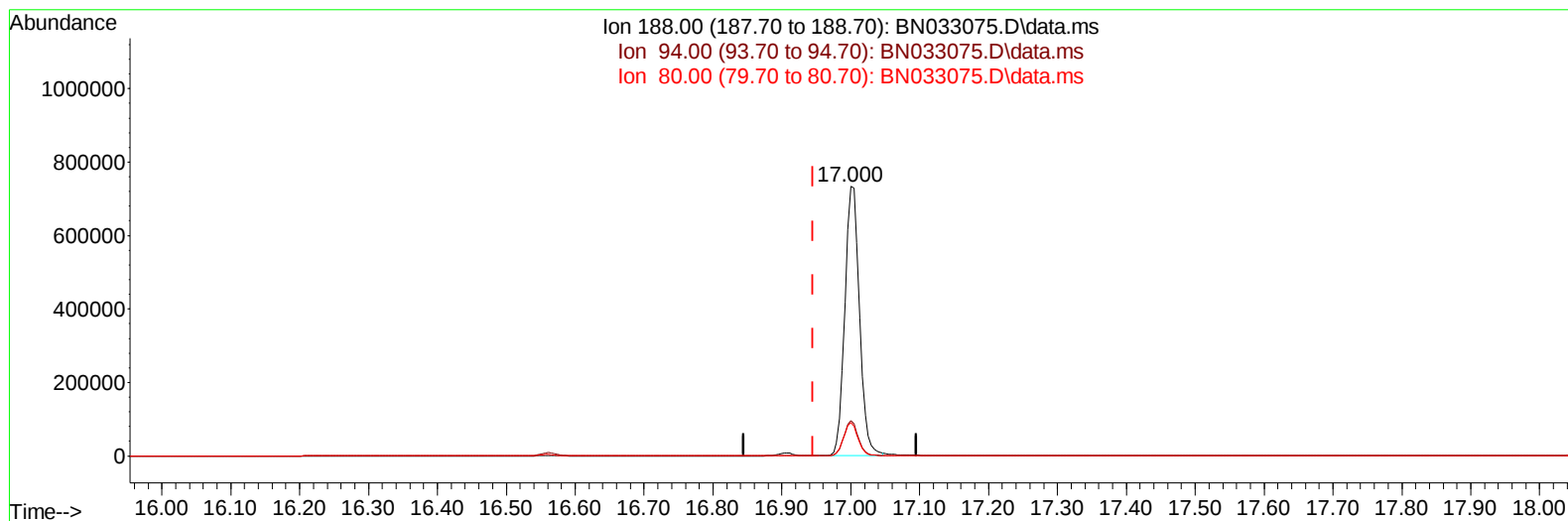
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033075.D
Acq On : 29 Jul 2024 19:38
Operator : MA/JU
Sample : P3347-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX4

Manual IntegrationsAPPROVED

Quant Time: Jul 29 23:07:30 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 : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033075.D\data.ms

(13) Phenanthrene-d10 (I)

17.000min (+ 0.055) 0.40 ng/u1

response 1085281

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	13.07
80.00	13.10	12.37
0.00	0.00	0.00

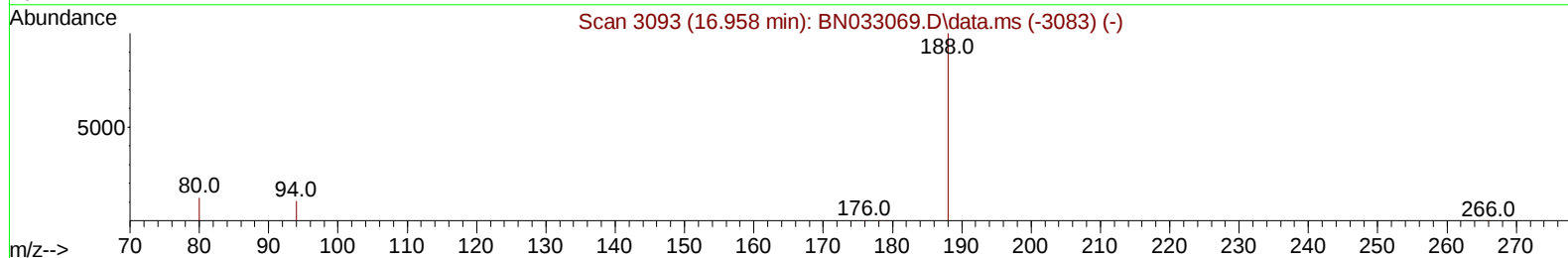
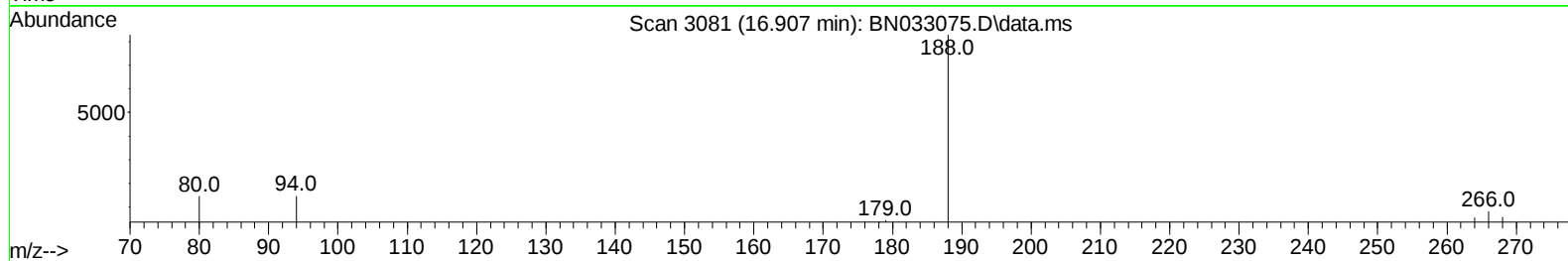
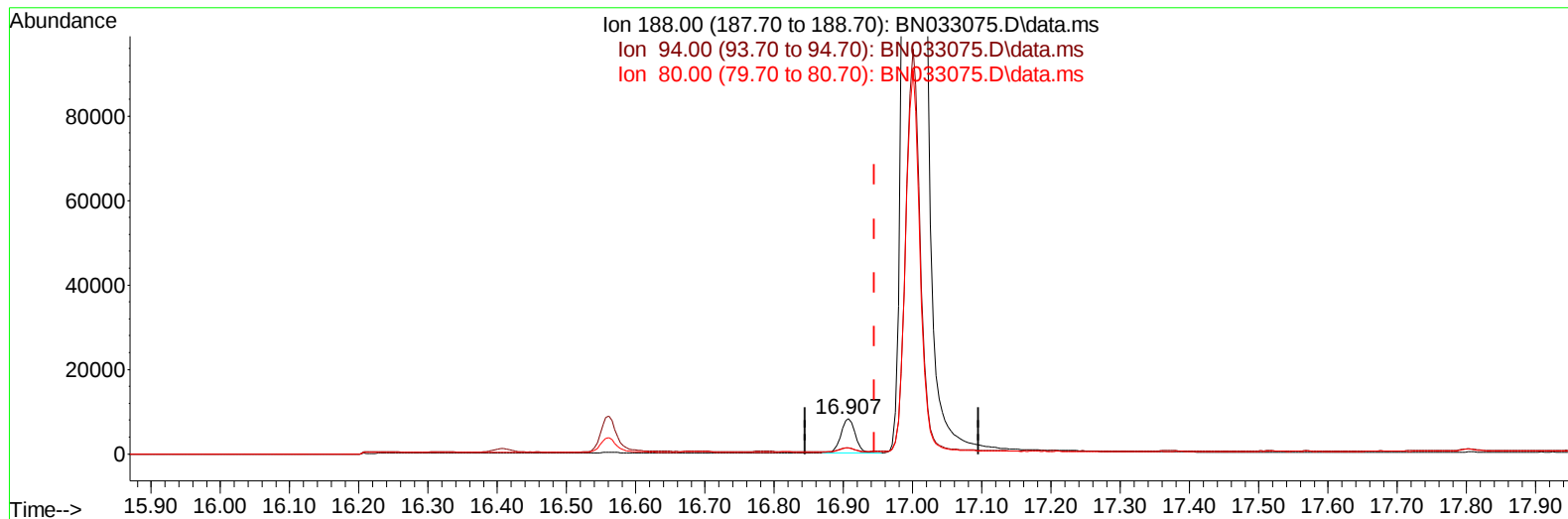
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033075.D
Acq On : 29 Jul 2024 19:38
Operator : MA/JU
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX4

Manual IntegrationsAPPROVED

Quant Time: Jul 29 23:07:30 2024
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QLast Update : Mon Jul 29 23:04:40 2024
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Reviewed By :Yogesh Patel 07/30/2024
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TIC: BN033075.D\data.ms

(13) Phenanthrene-d10 (I)

16.907min (-0.038) 0.40 ng/ul m

response 11803

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	17.69#
80.00	13.10	17.48#
0.00	0.00	0.00

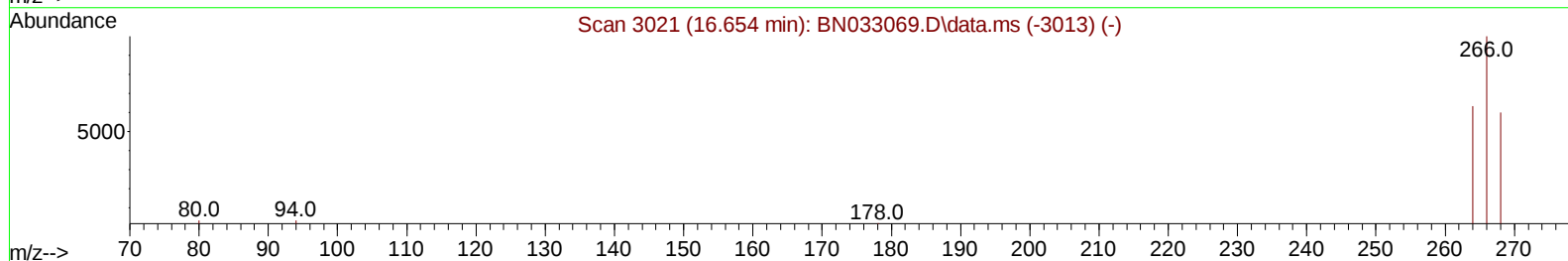
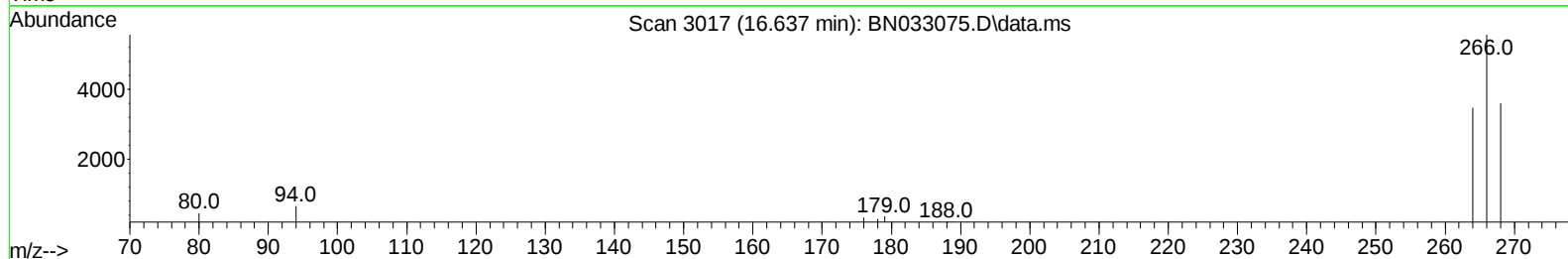
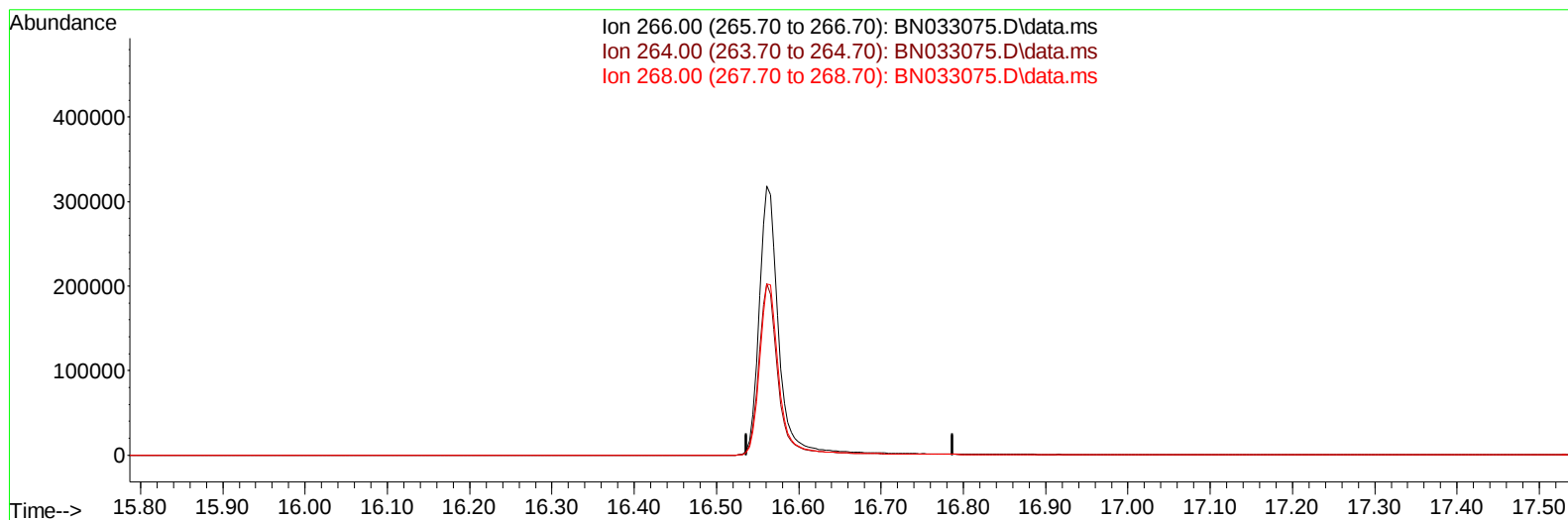
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033075.D
Acq On : 29 Jul 2024 19:38
Operator : MA/JU
Sample : P3347-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX4

Manual IntegrationsAPPROVED

Quant Time: Jul 29 23:07:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
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QLast Update : Mon Jul 29 23:04:40 2024
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Reviewed By :Yogesh Patel 07/30/2024
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TIC: BN033075.D\data.ms

(14) Pentachloropheno1

16.637min (-16.637) 0.00 ng/ul

response 0

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

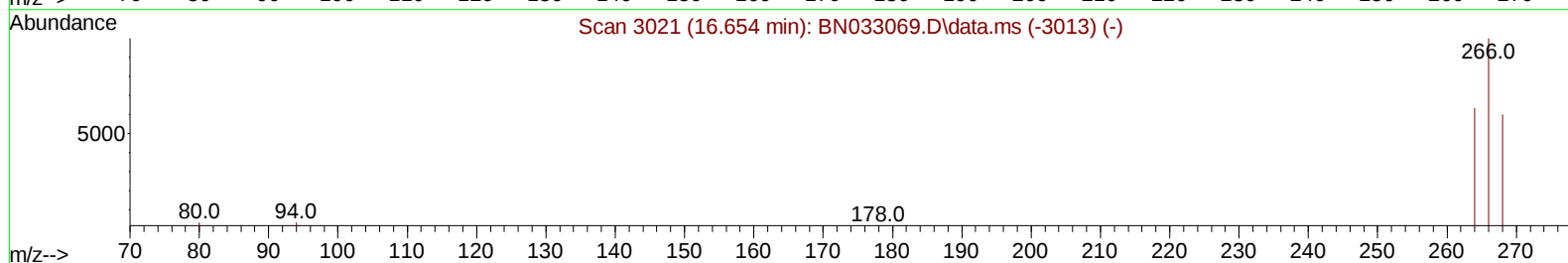
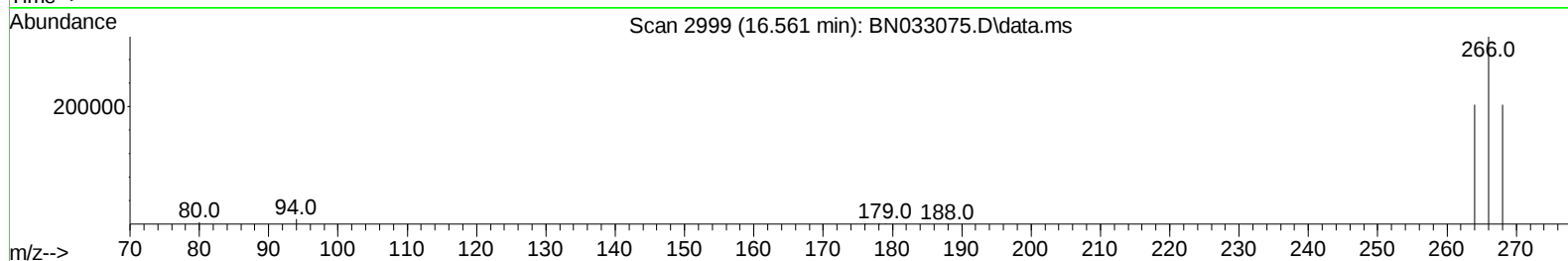
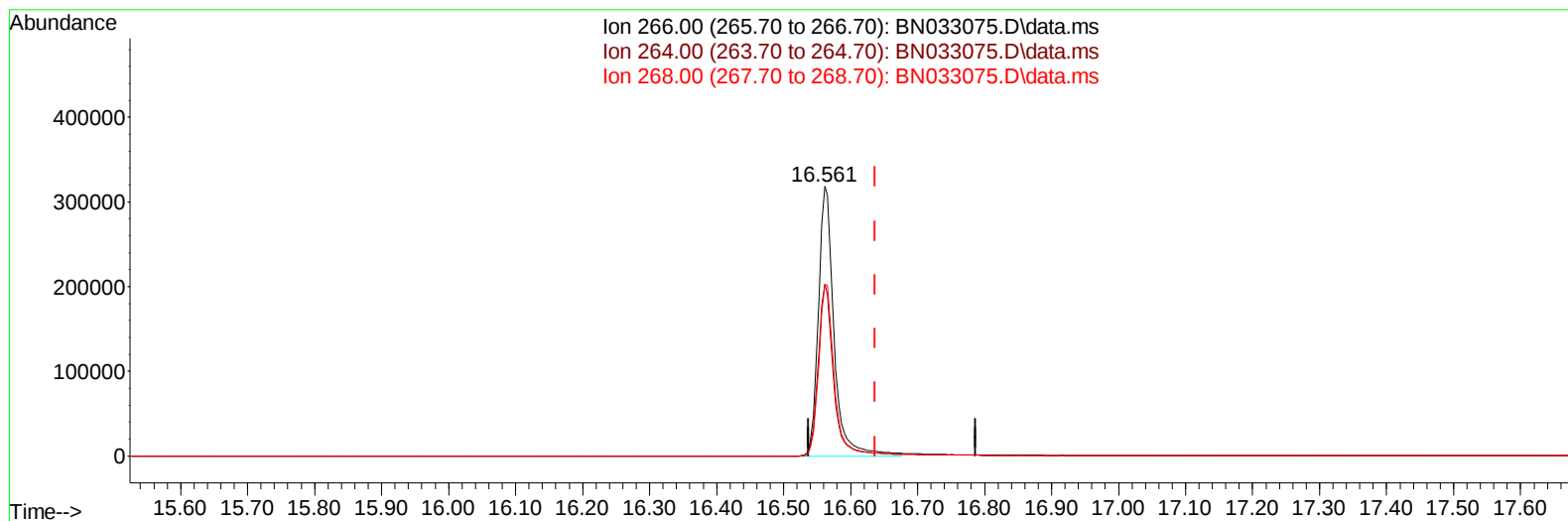
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033075.D
Acq On : 29 Jul 2024 19:38
Operator : MA/JU
Sample : P3347-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX4

Manual IntegrationsAPPROVED

Quant Time: Jul 29 23:07:30 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 : Mon Jul 29 23:04:40 2024
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Reviewed By :Yogesh Patel 07/30/2024
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TIC: BN033075.D\data.ms

(14) Pentachlorophenol

16.561min (-0.076) 216.46 ng/ul m

response 520184

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

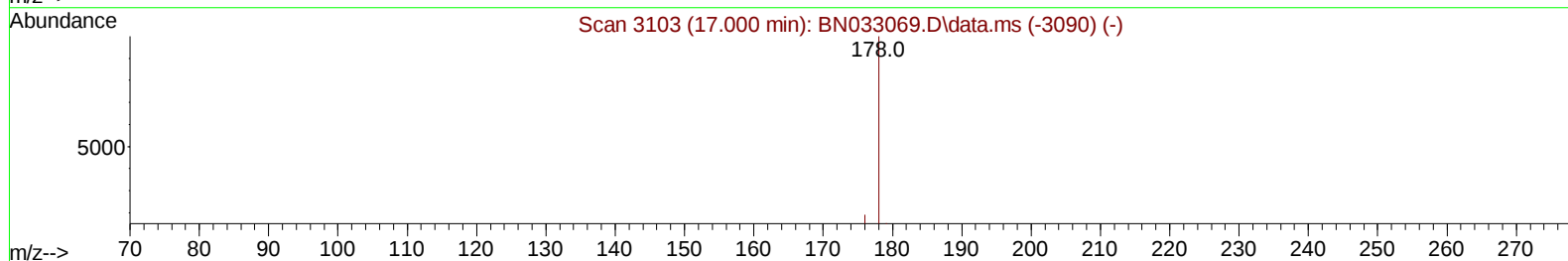
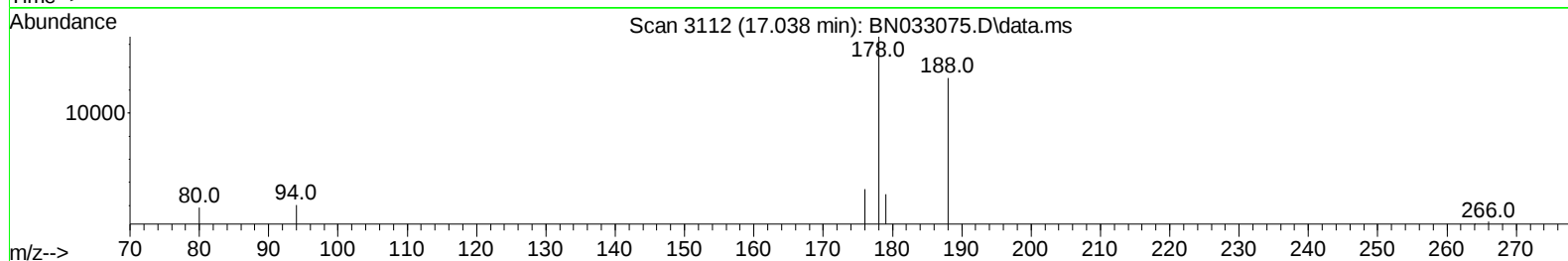
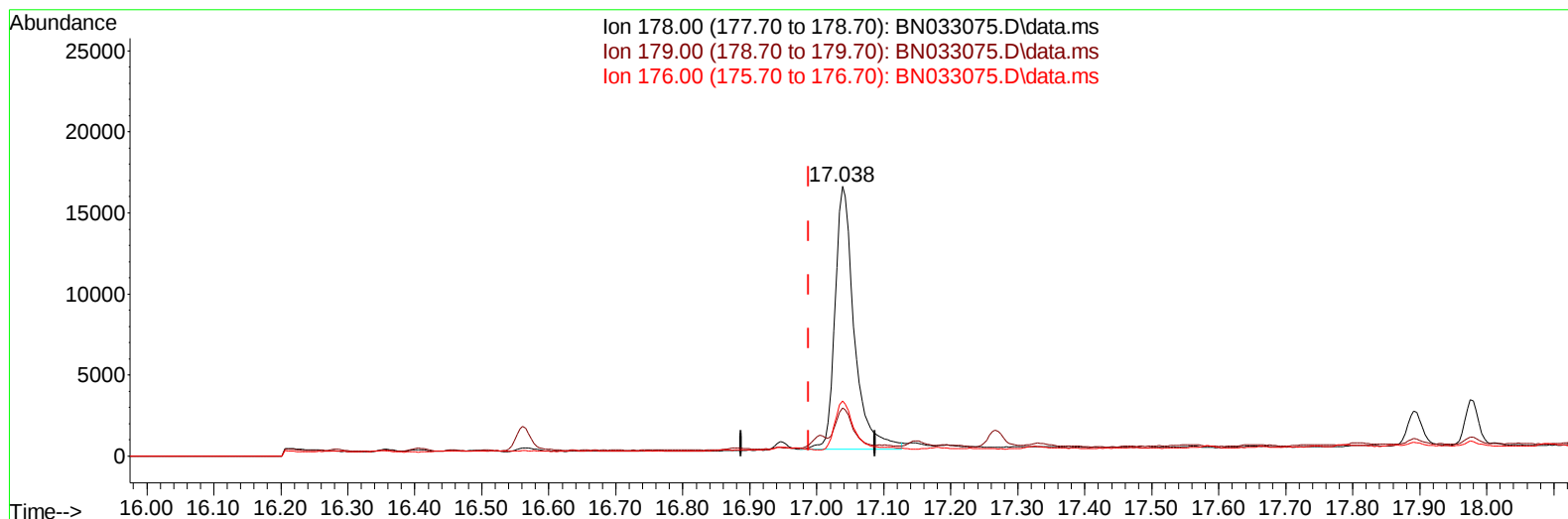
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033075.D
Acq On : 29 Jul 2024 19:38
Operator : MA/JU
Sample : P3347-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX4

Manual IntegrationsAPPROVED

Quant Time: Jul 29 23:07:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BN033075.D\data.ms

(15) Phenanthrene

17.038min (+ 0.051) 1.03 ng/u1

response 32637

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.10	17.91
176.00	19.90	20.51
0.00	0.00	0.00

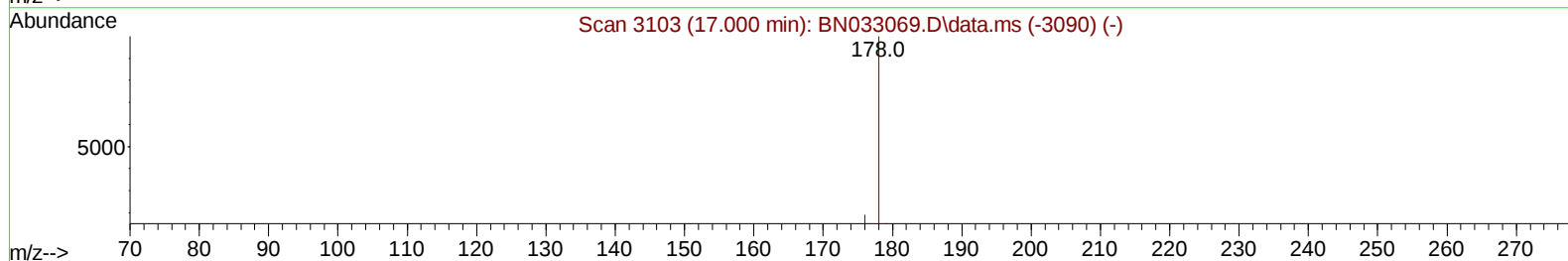
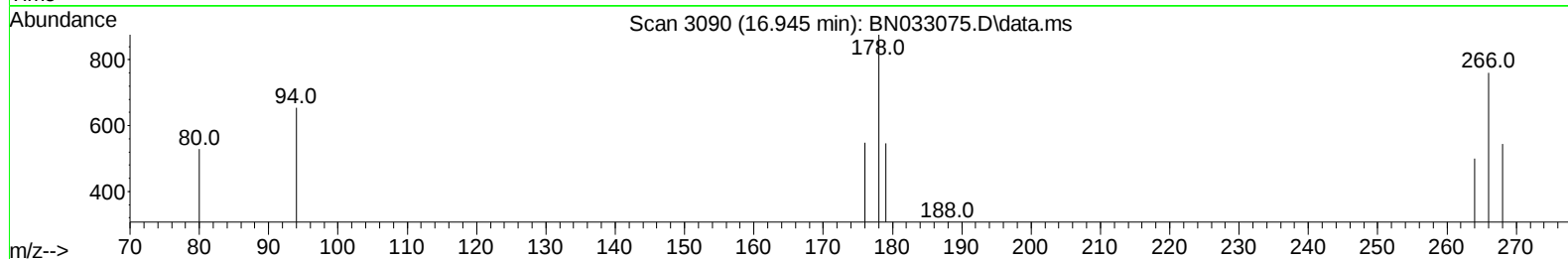
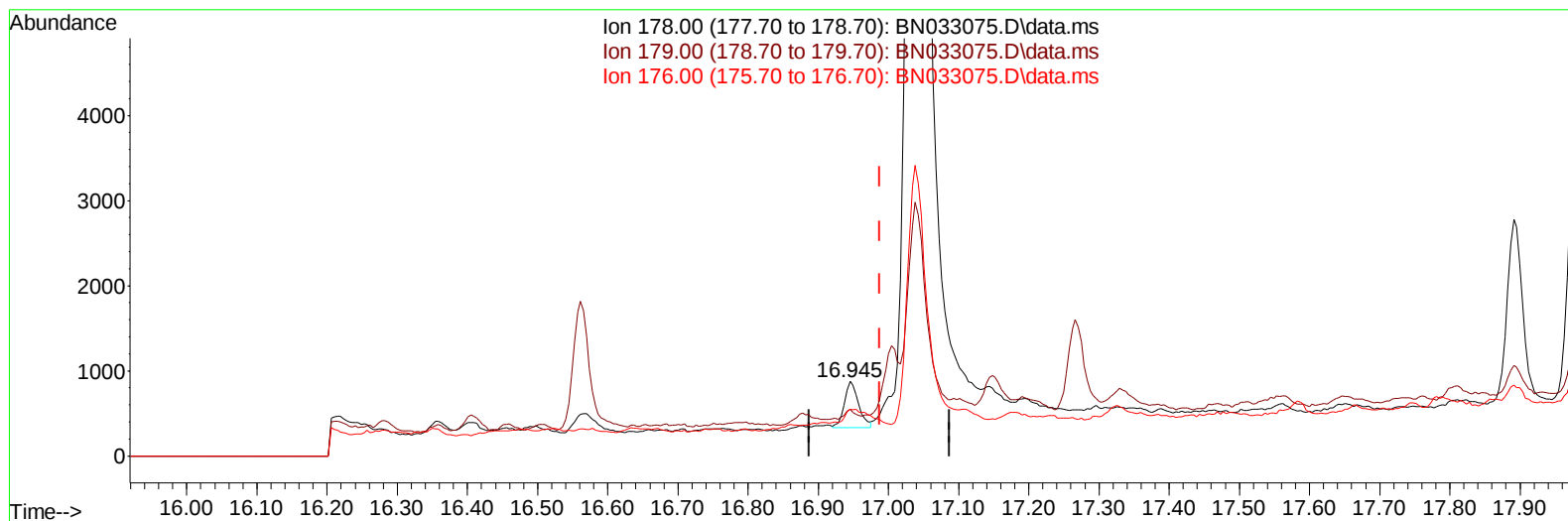
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033075.D
Acq On : 29 Jul 2024 19:38
Operator : MA/JU
Sample : P3347-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX4

Manual IntegrationsAPPROVED

Quant Time: Jul 29 23:07:30 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 : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/30/2024
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TIC: BN033075.D\data.ms

(15) Phenanthrene

16.945min (-0.042) 0.02 ng/u1 m

response 754

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.10	62.33#
176.00	19.90	62.67#
0.00	0.00	0.00

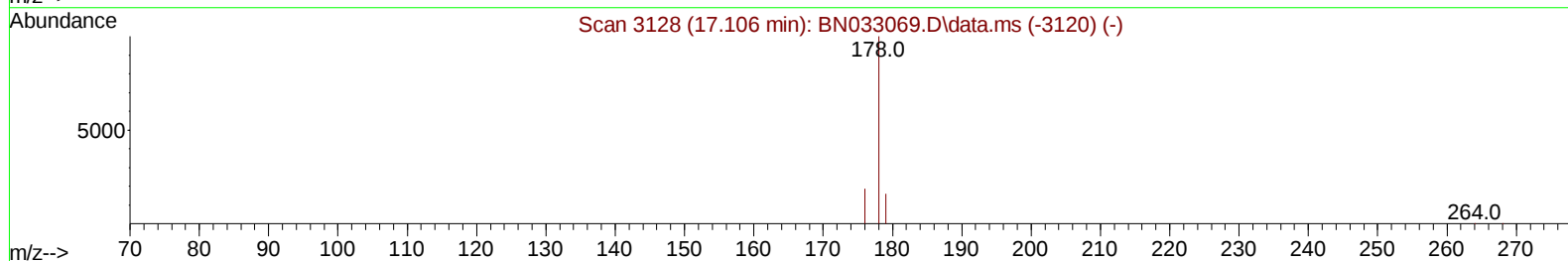
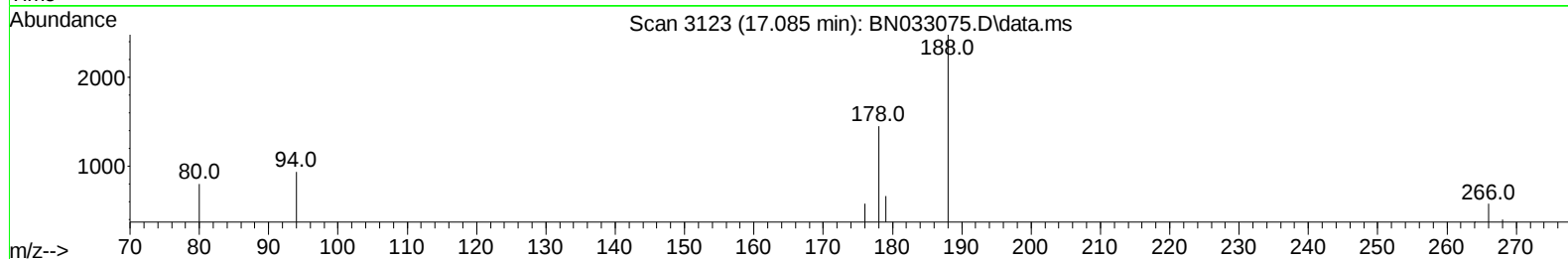
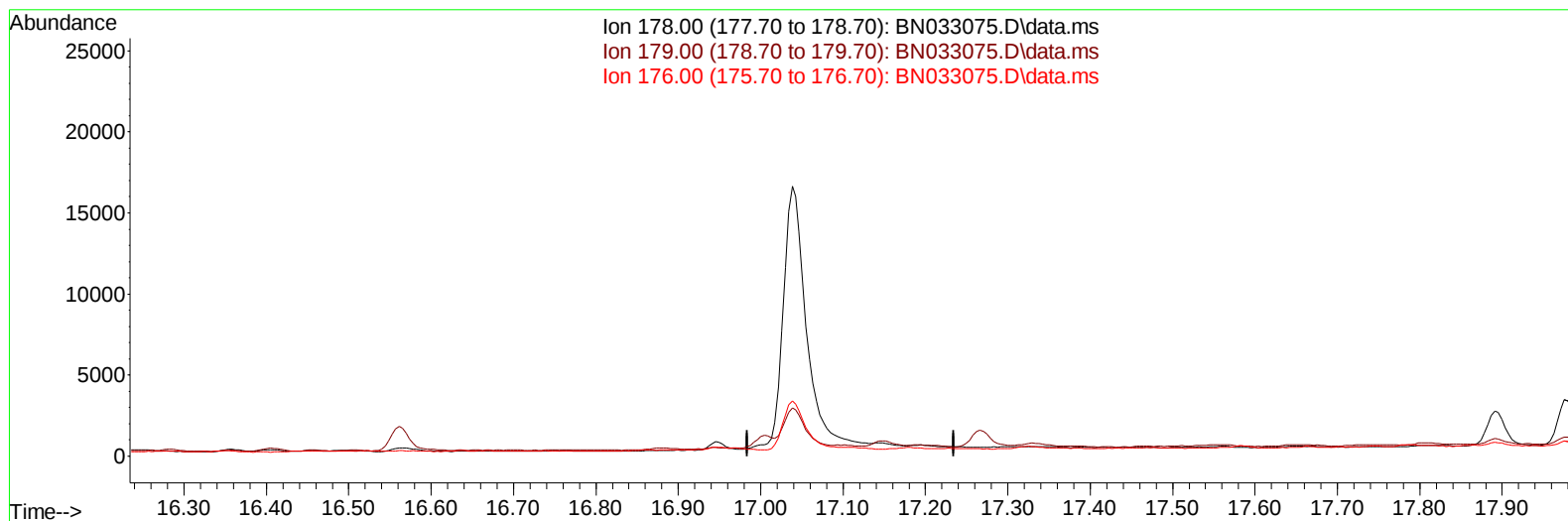
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033075.D
Acq On : 29 Jul 2024 19:38
Operator : MA/JU
Sample : P3347-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX4

Manual IntegrationsAPPROVED

Quant Time: Jul 29 23:07:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/30/2024
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TIC: BN033075.D\data.ms

(16) Anthracene

17.084min (-17.084) 0.00 ng/u1

response 0

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

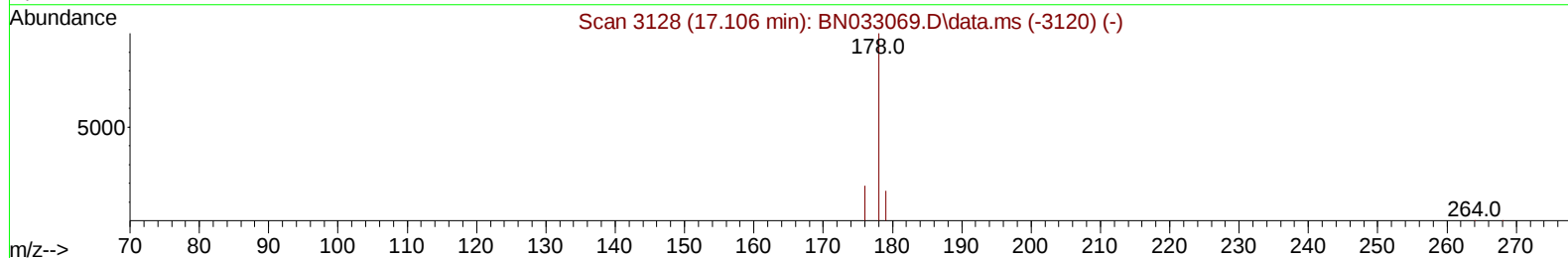
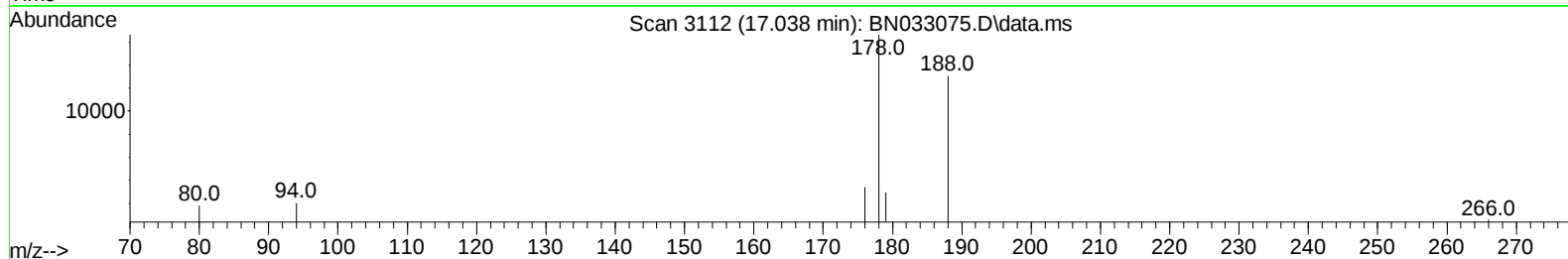
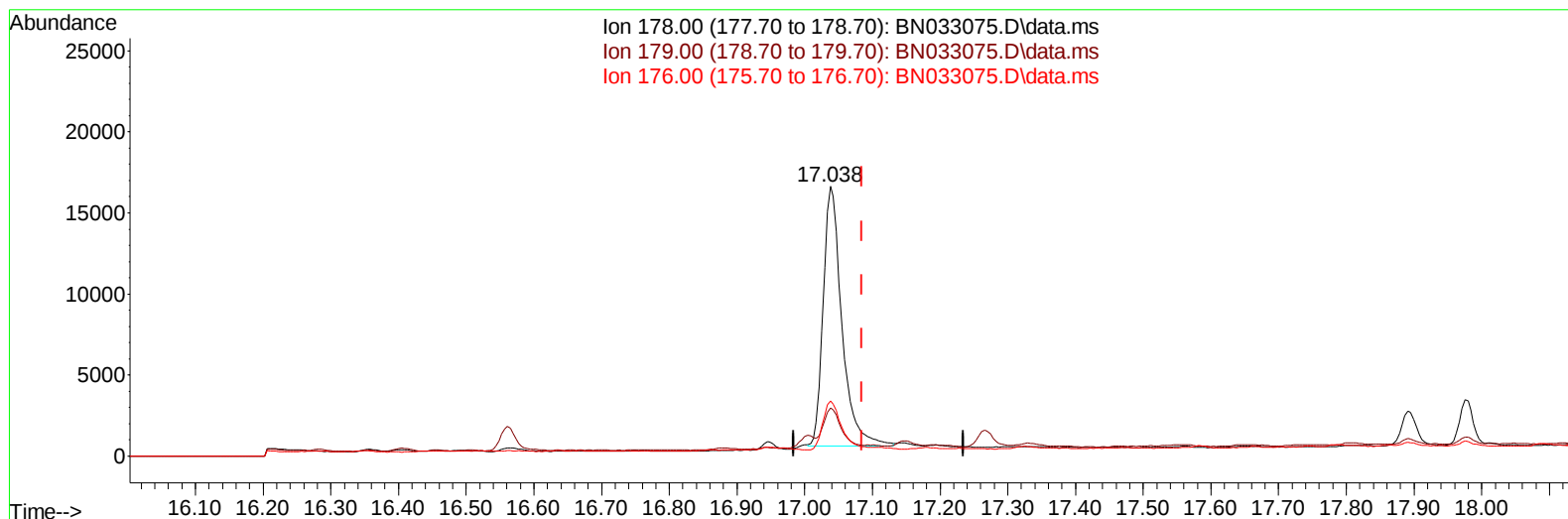
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033075.D
Acq On : 29 Jul 2024 19:38
Operator : MA/JU
Sample : P3347-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX4

Manual IntegrationsAPPROVED

Quant Time: Jul 29 23:07:30 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 : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033075.D\data.ms

(16) Anthracene

17.038min (-0.046) 1.09 ng/ul m

response 30935

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.90	17.91
176.00	19.80	20.51
0.00	0.00	0.00

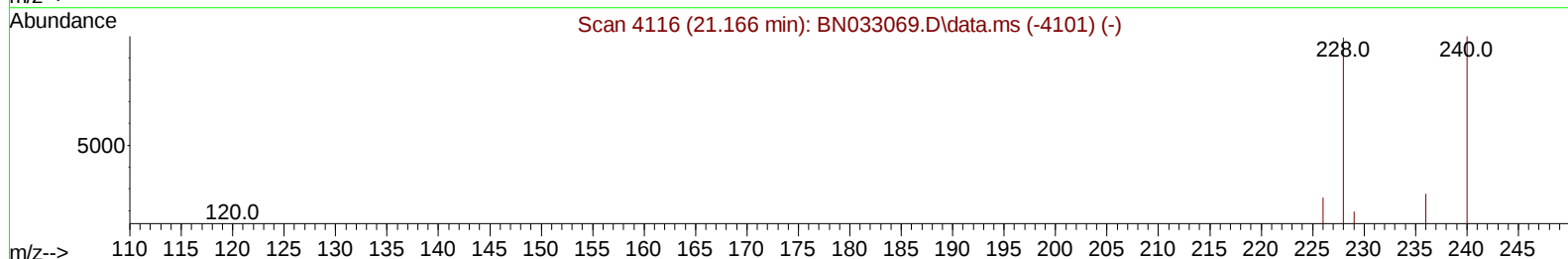
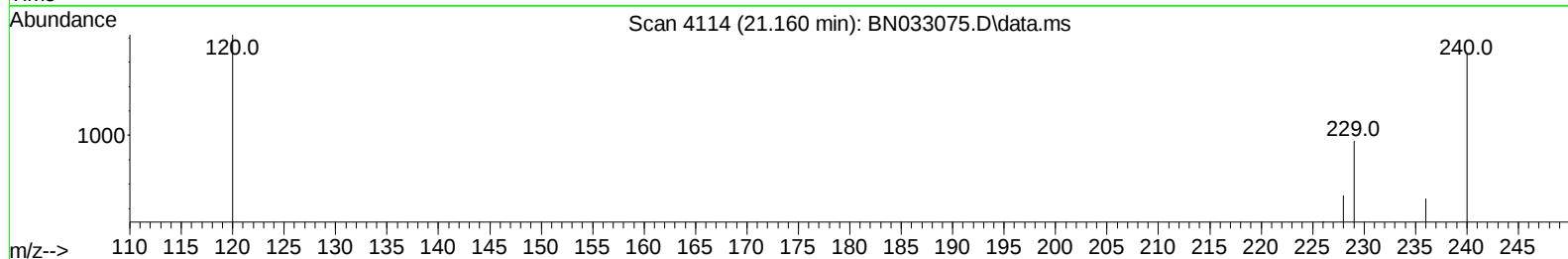
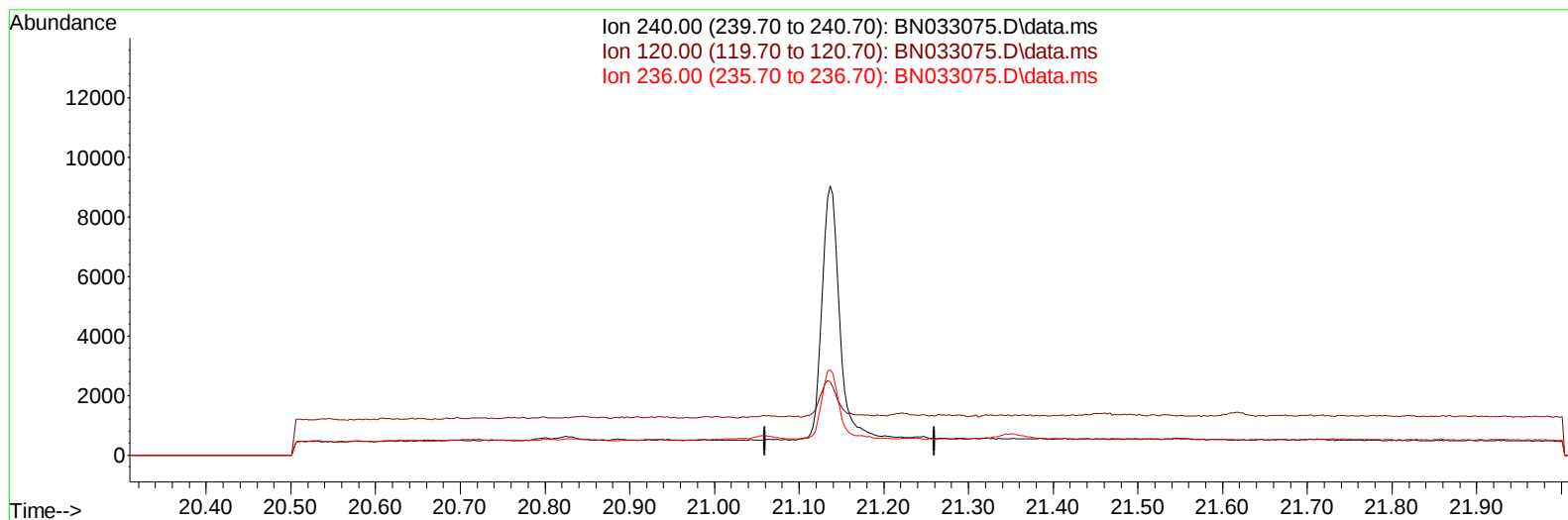
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033075.D
Acq On : 29 Jul 2024 19:38
Operator : MA/JU
Sample : P3347-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX4

Manual IntegrationsAPPROVED

Quant Time: Jul 29 23:07:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
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TIC: BN033075.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

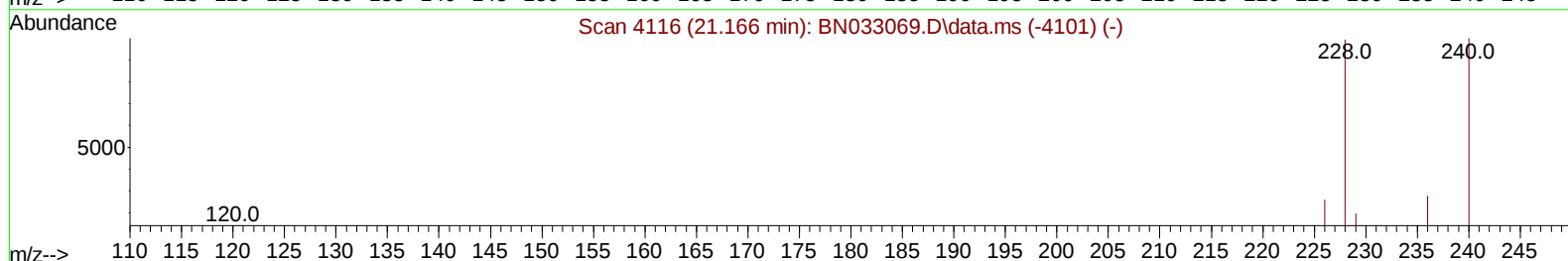
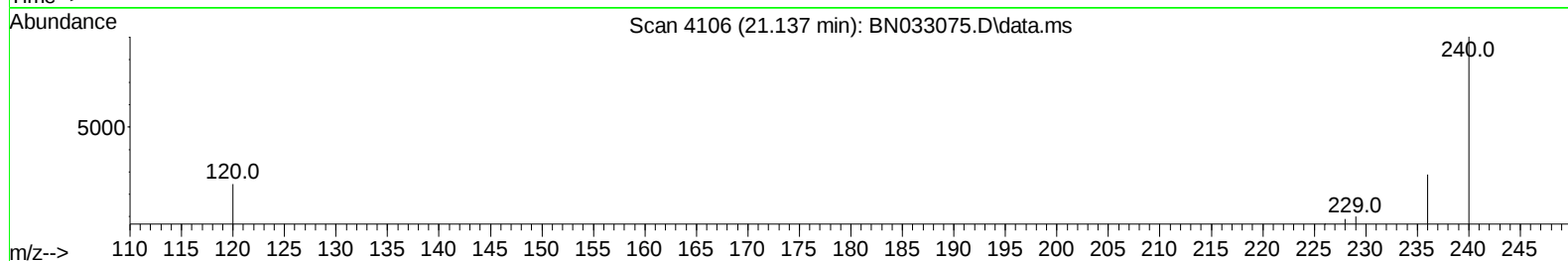
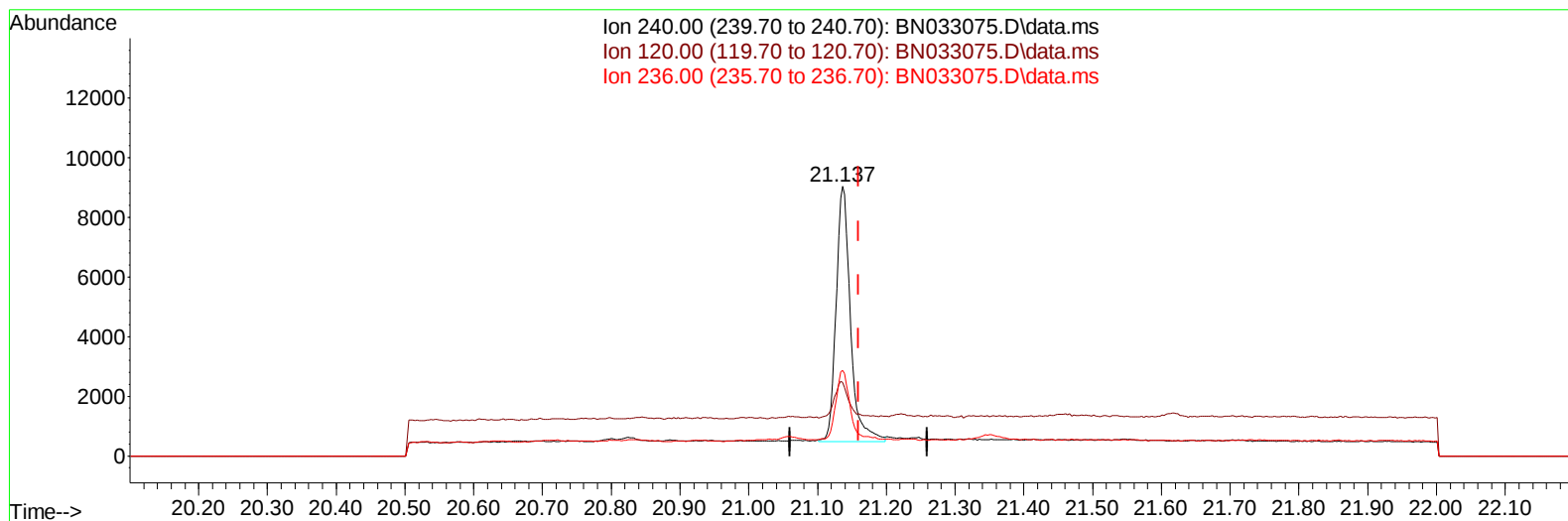
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033075.D
Acq On : 29 Jul 2024 19:38
Operator : MA/JU
Sample : P3347-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX4

Manual IntegrationsAPPROVED

Quant Time: Jul 29 23:07:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
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Response via : Initial Calibration

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Supervised By :mohammad ahmed 07/31/2024



TIC: BN033075.D\data.ms

(17) Chrysene-d12

21.137min (-0.023) 0.40 ng/ul m

response 12423

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	21.40	27.28#
236.00	29.50	31.84
0.00	0.00	0.00

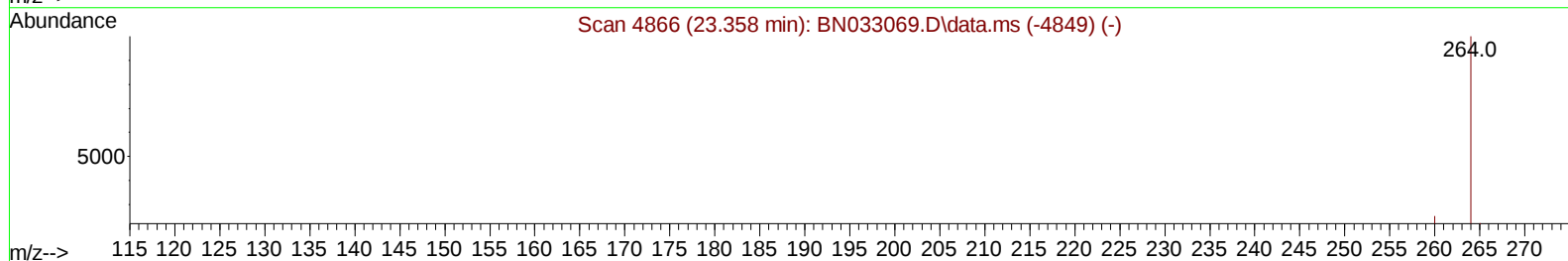
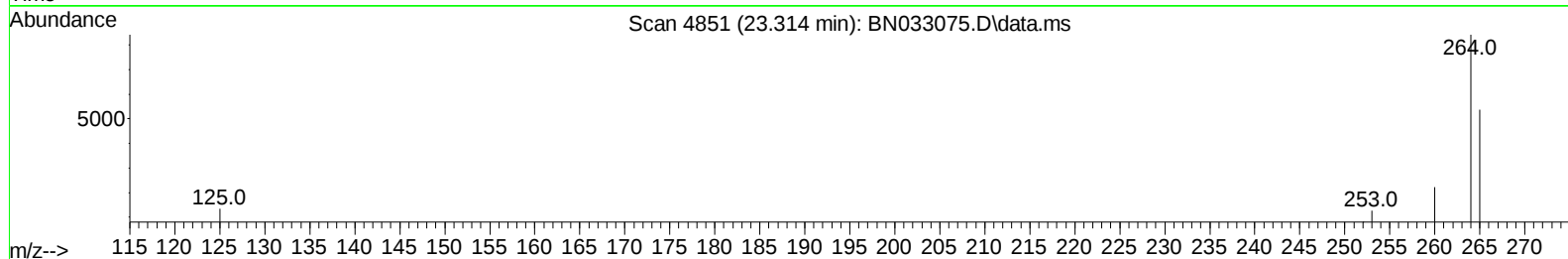
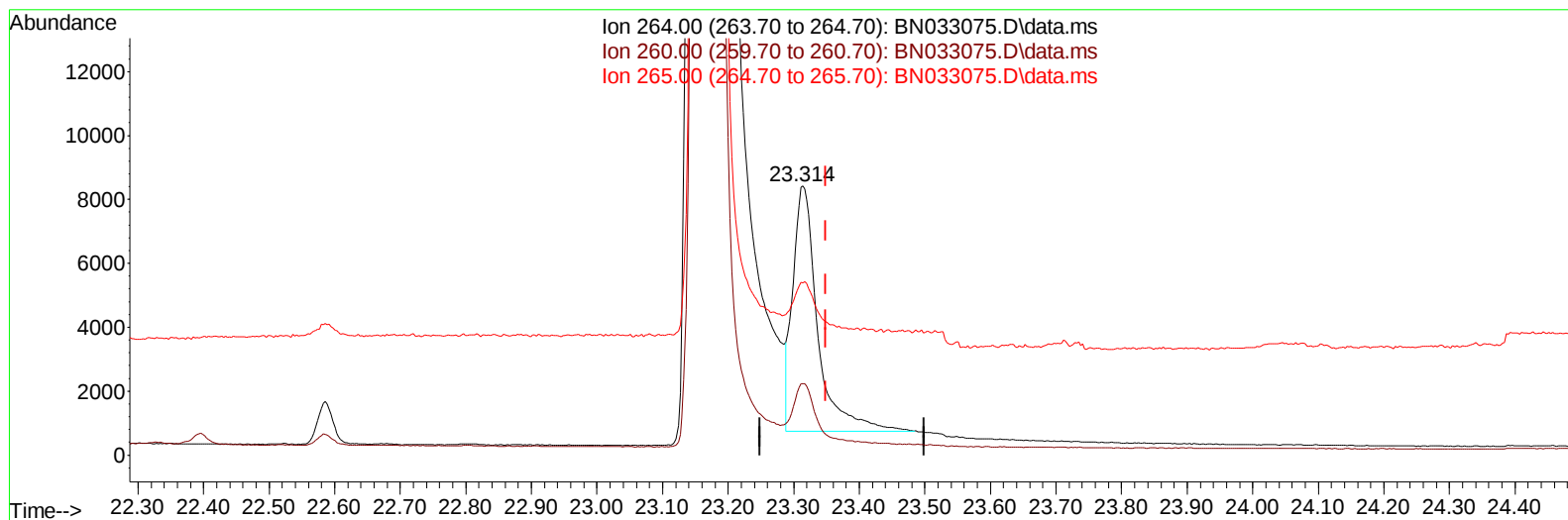
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033075.D
Acq On : 29 Jul 2024 19:38
Operator : MA/JU
Sample : P3347-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX4

Manual IntegrationsAPPROVED

Quant Time: Jul 29 23:07:30 2024
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TIC: BN033075.D\data.ms

(23) Perylene-d12 (I)

23.314min (-0.035) 0.40 ng/u1

response 20304

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.50	26.53
265.00	80.60	63.94#
0.00	0.00	0.00

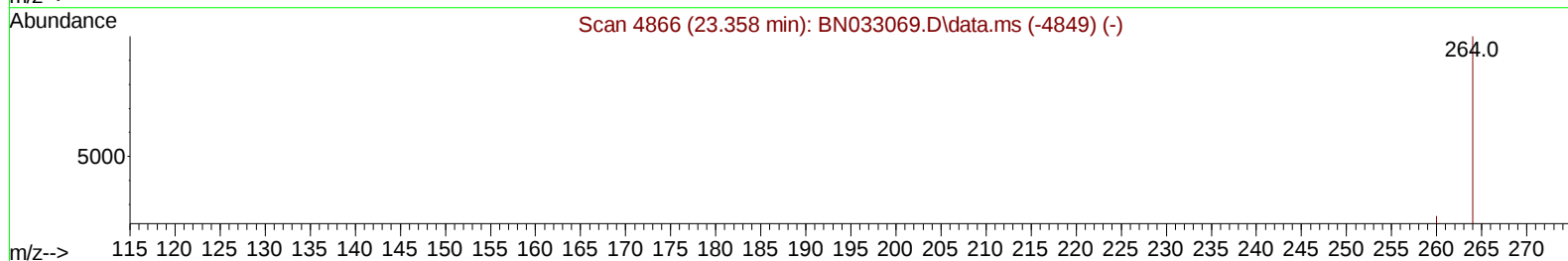
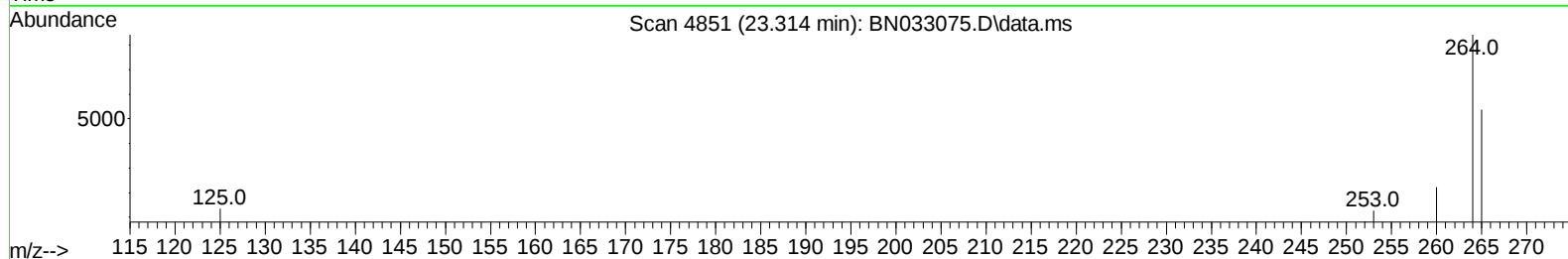
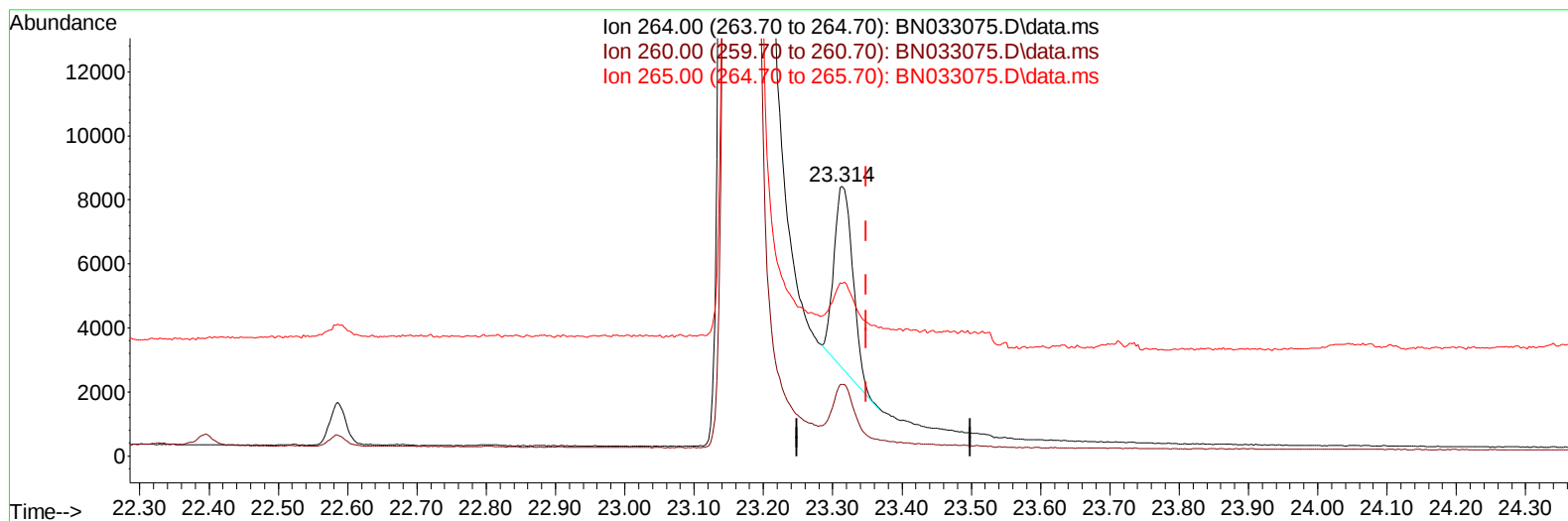
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033075.D
Acq On : 29 Jul 2024 19:38
Operator : MA/JU
Sample : P3347-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX4

Manual IntegrationsAPPROVED

Quant Time: Jul 29 23:07:30 2024
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Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033075.D\data.ms

(23) Perylene-d12 (I)

23.314min (-0.035) 0.40 ng/ul m

response 10754

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.50	26.53
265.00	80.60	63.94#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033075.D
 Acq On : 29 Jul 2024 19:38
 Operator : MA/JU
 Sample : P3347-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AX4

Manual IntegrationsAPPROVED

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.503	152		2269	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.256	136		8216	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.143	164		5495	0.400	ng/ul	#-0.03
13) Phenanthrene-d10	16.907	188		11803m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.137	240		12423m	0.400	ng/ul	-0.02
23) Perylene-d12	23.314	264		10754m	0.400	ng/ul	-0.03
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.056	96		13197	4.598	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.884	152		4592	0.343	ng/ul	-0.03
18) Fluoranthene-d10	18.953	212		14795	0.421	ng/ul	-0.03
Target Compounds							Qvalue
5) Naphthalene	10.306	128		10666	0.506	ng/ul	96
7) 2-Methylnaphthalene	11.961	142		291	0.020	ng/ul	98
8) 1-Methylnaphthalene	12.170	142		2895	0.187	ng/ul	100
10) Acenaphthylene	13.861	152		1037	0.046	ng/ul#	62
11) Acenaphthene	14.203	153		12502	0.739	ng/ul	99
12) Fluorene	15.203	166		3363	0.171	ng/ul#	96
14) Pentachlorophenol	16.561	266		520184m	216.463	ng/ul	
15) Phenanthrene	16.945	178		754m	0.024	ng/ul	
16) Anthracene	17.038	178		30935m	1.087	ng/ul	
19) Fluoranthene	18.986	202		1203	0.029	ng/ul#	48
20) Pyrene	19.344	202		6207	0.142	ng/ul#	79

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033075.D
Acq On : 29 Jul 2024 19:38
Operator : MA/JU
Sample : P3347-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX4

Manual IntegrationsAPPROVED

Quant Time: Jul 29 23:07:30 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 : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

