

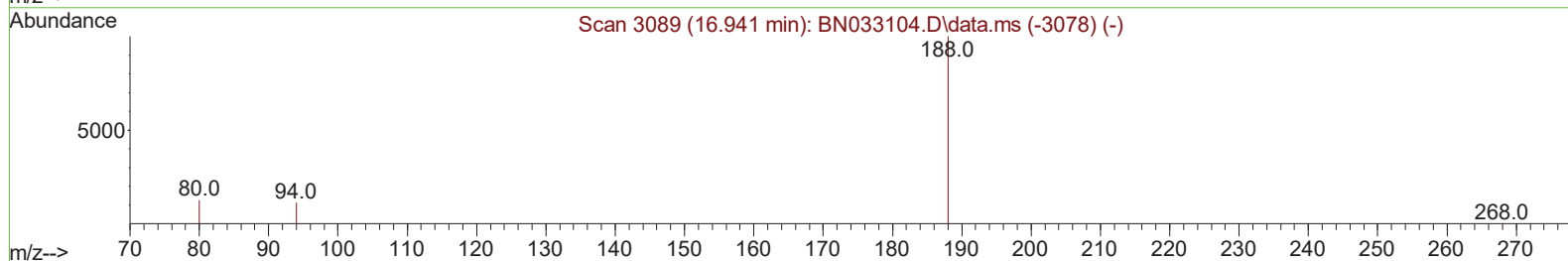
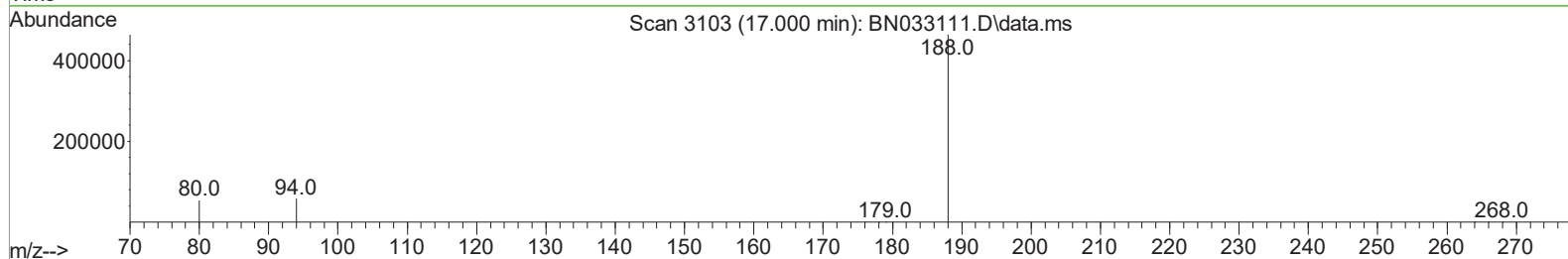
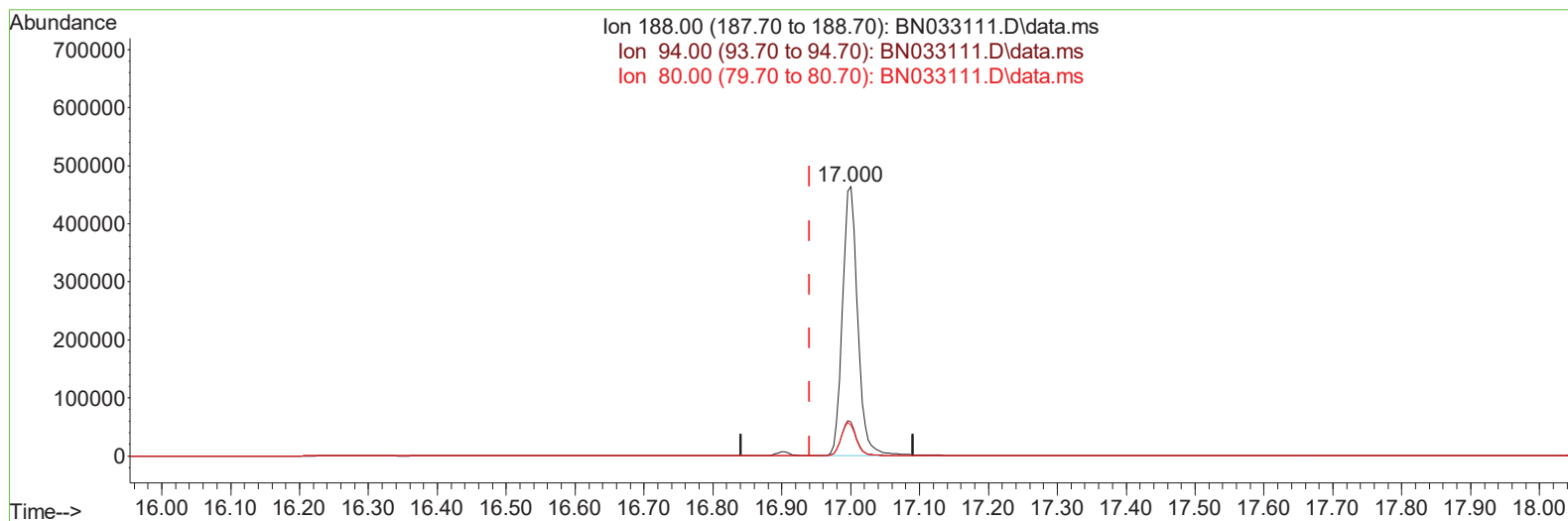
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033111.D
Acq On : 30 Jul 2024 18:04
Operator : MA/JU
Sample : P3347-15
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AZ4

Manual IntegrationsAPPROVED

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

Quant Time: Jul 30 23:57:37 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: BN033111.D\data.ms

(13) Phenanthrene-d10 (I)

17.000min (+ 0.059) 0.40 ng/u1

response 705658

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	12.53
80.00	13.10	11.57
0.00	0.00	0.00

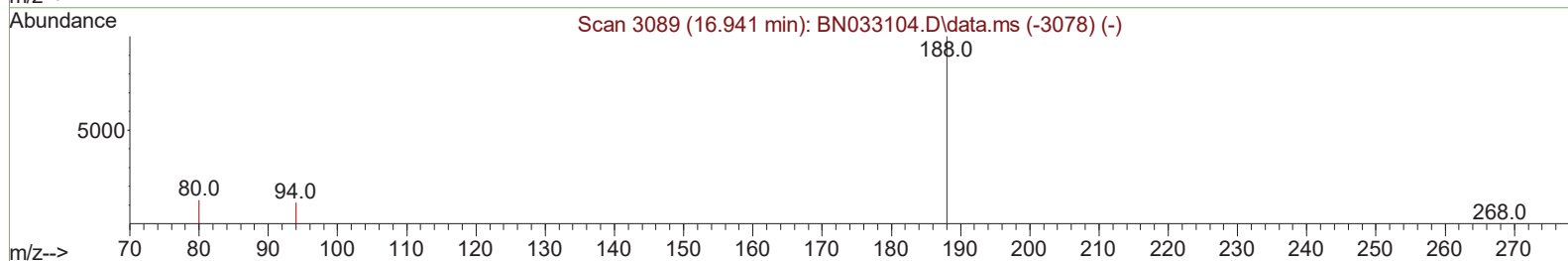
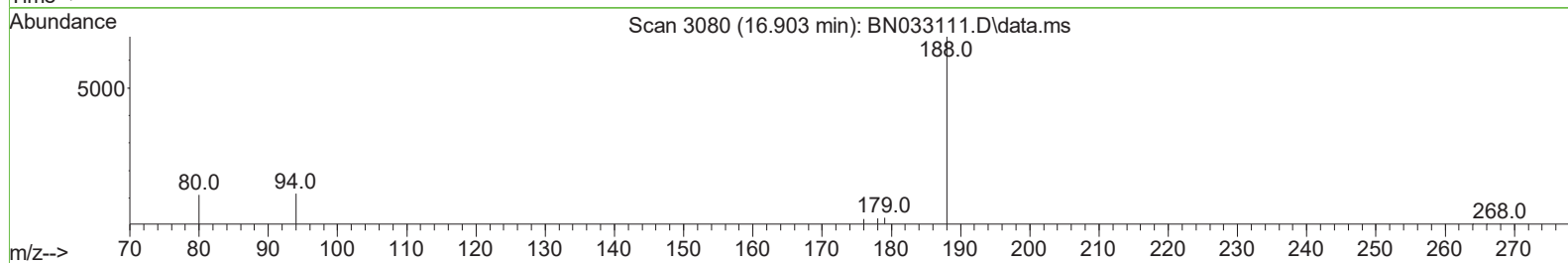
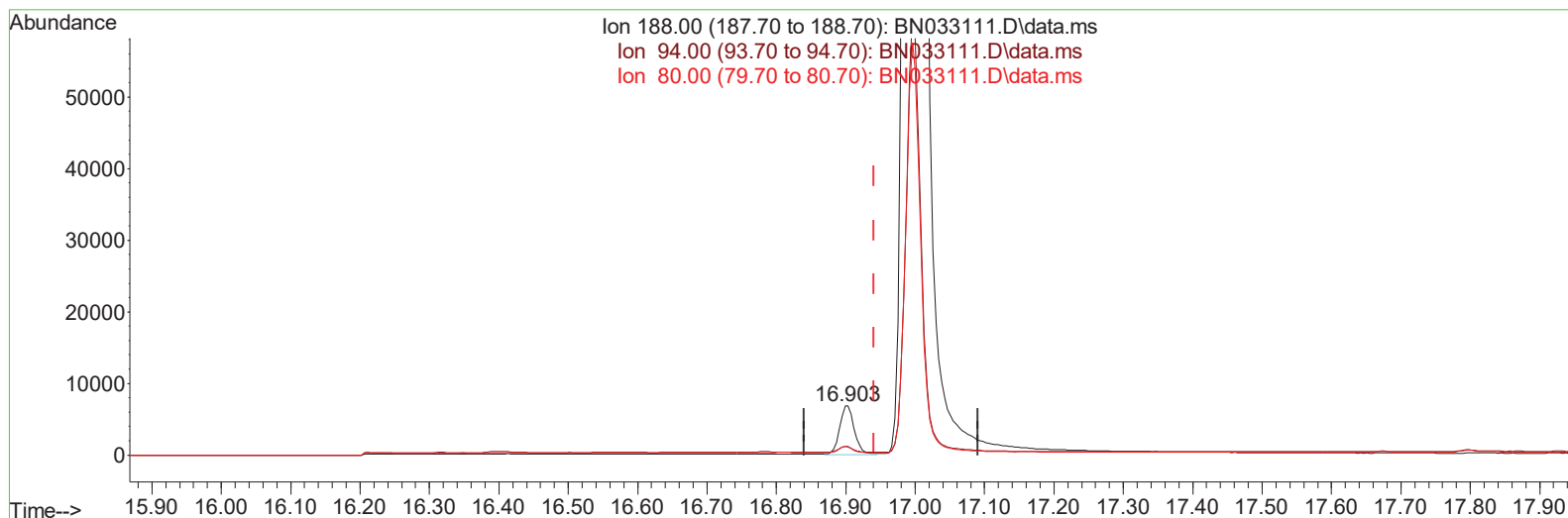
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033111.D
 Acq On : 30 Jul 2024 18:04
 Operator : MA/JU
 Sample : P3347-15
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AZ4

Manual IntegrationsAPPROVED

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



TIC: BN033111.D\data.ms

(13) Phenanthrene-d10 (I)

16.903min (-0.038) 0.40 ng/ul m

response 10008

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	17.00#
80.00	13.10	16.25#
0.00	0.00	0.00

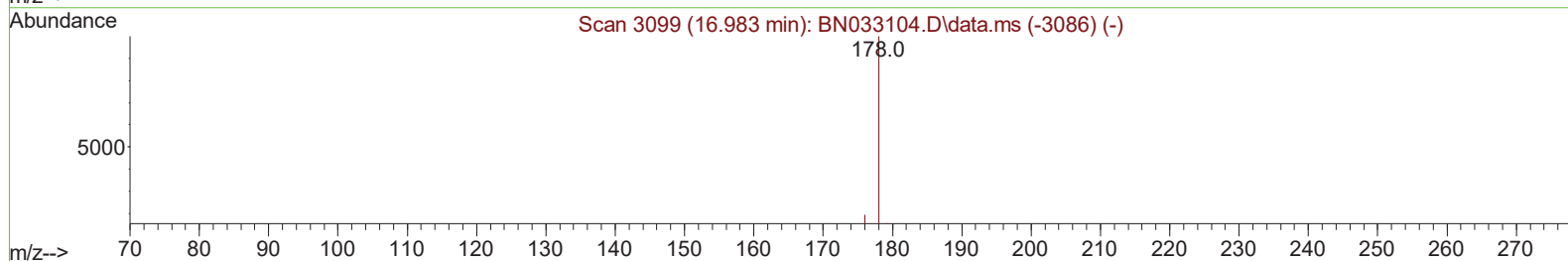
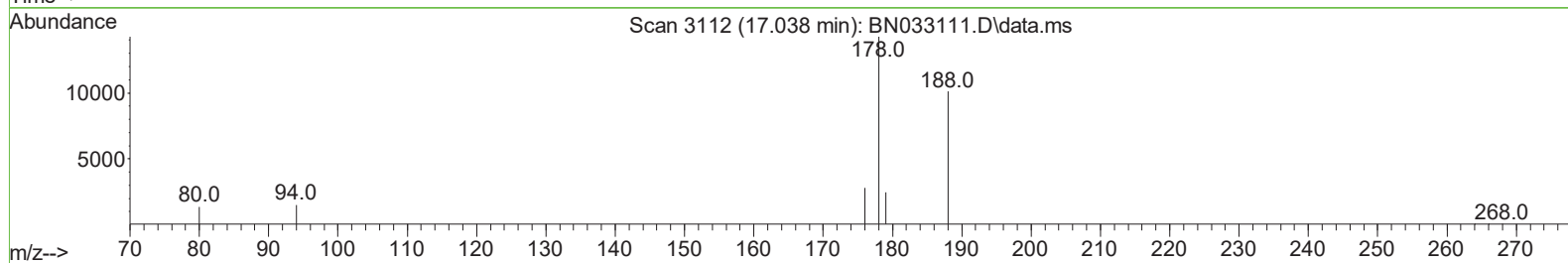
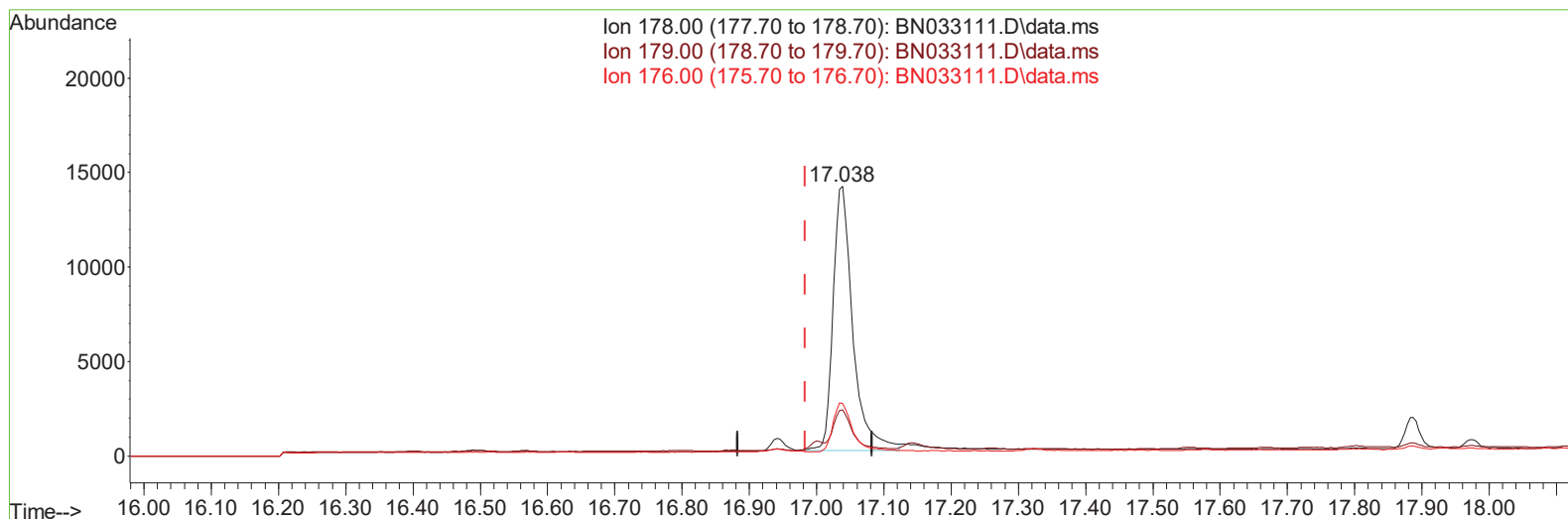
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033111.D
 Acq On : 30 Jul 2024 18:04
 Operator : MA/JU
 Sample : P3347-15
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AZ4

Manual IntegrationsAPPROVED

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TIC: BN033111.D\data.ms

(15) Phenanthrene

17.038min (+ 0.055) 1.06 ng/u1

response 28494

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.10	17.17
176.00	19.90	19.58
0.00	0.00	0.00

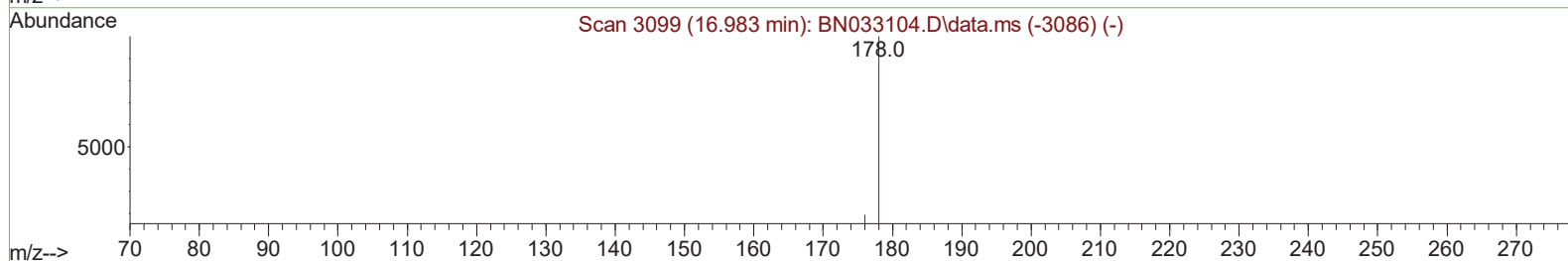
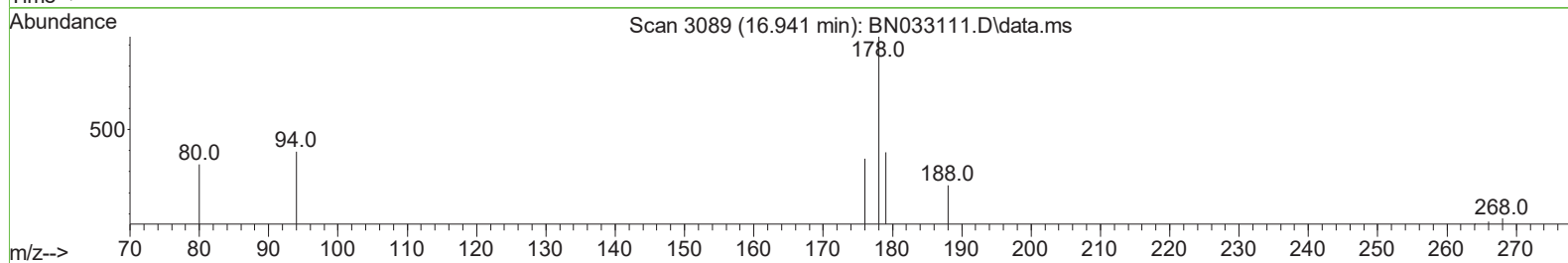
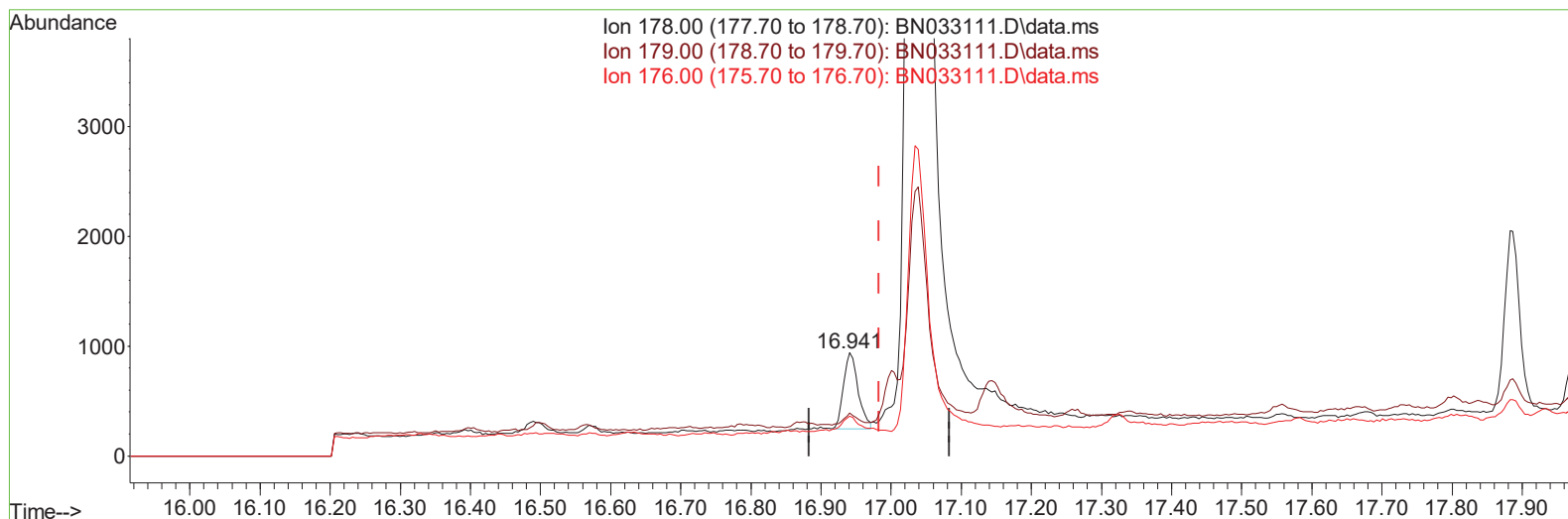
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033111.D
Acq On : 30 Jul 2024 18:04
Operator : MA/JU
Sample : P3347-15
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AZ4

Manual IntegrationsAPPROVED

Quant Time: Jul 30 23:57:37 2024
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QLast Update : Tue Jul 30 14:49:49 2024
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Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



TIC: BN033111.D\data.ms

(15) Phenanthrene

16.941min (-0.042) 0.04 ng/u1 m

response 1012

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.10	41.58#
176.00	19.90	38.38#
0.00	0.00	0.00

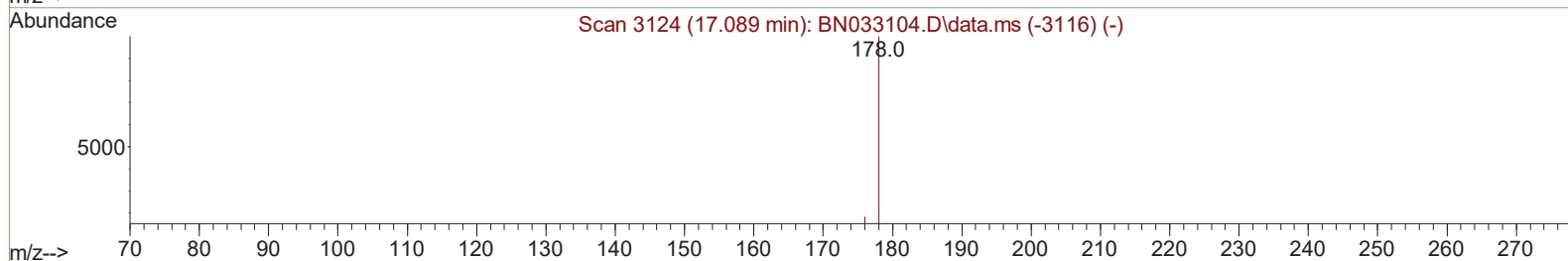
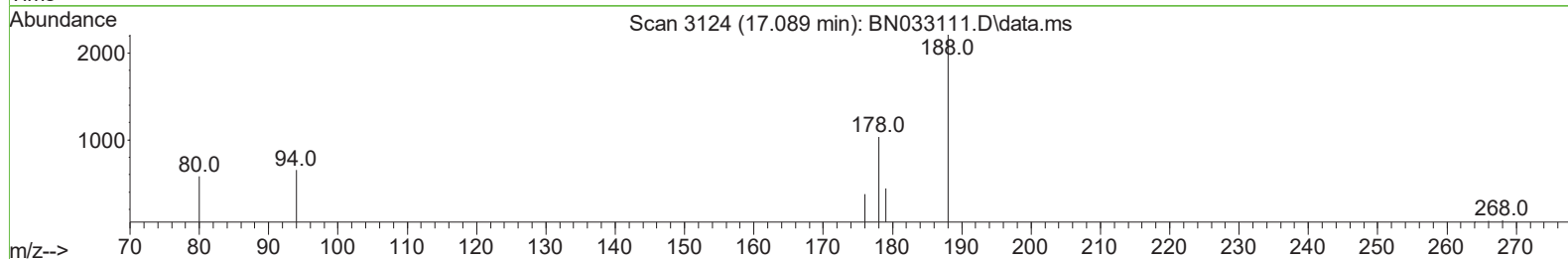
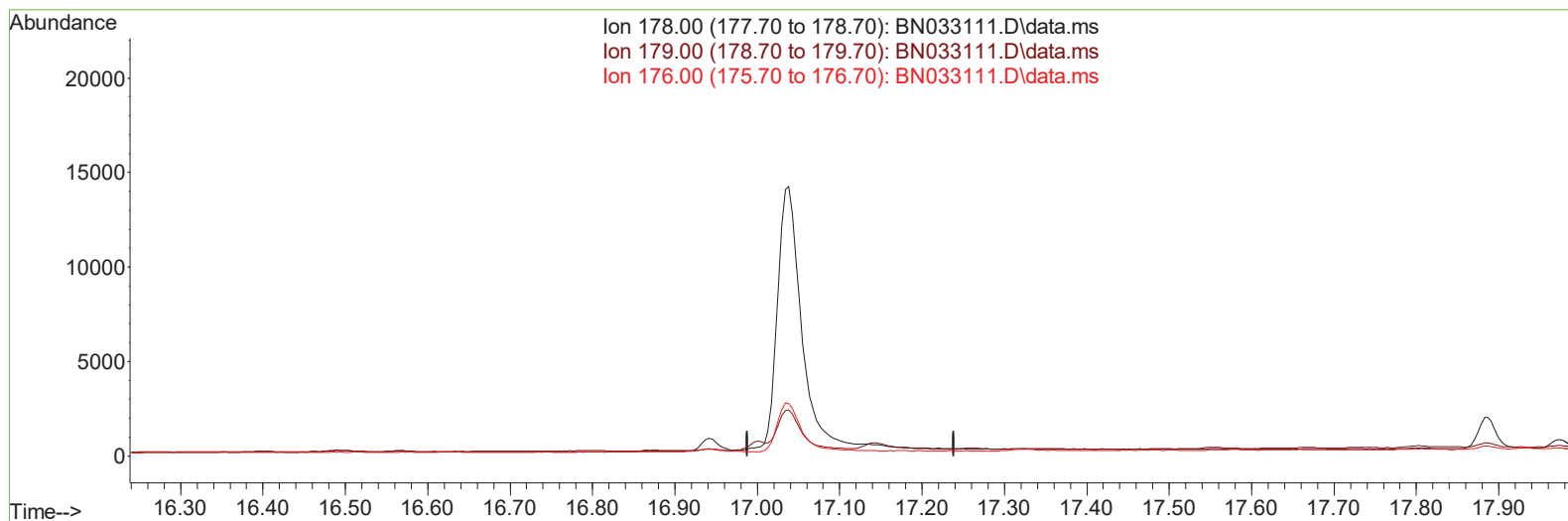
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033111.D
Acq On : 30 Jul 2024 18:04
Operator : MA/JU
Sample : P3347-15
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AZ4

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/31/2024



TIC: BN033111.D\data.ms

(16) Anthracene

17.089min (-17.089) 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

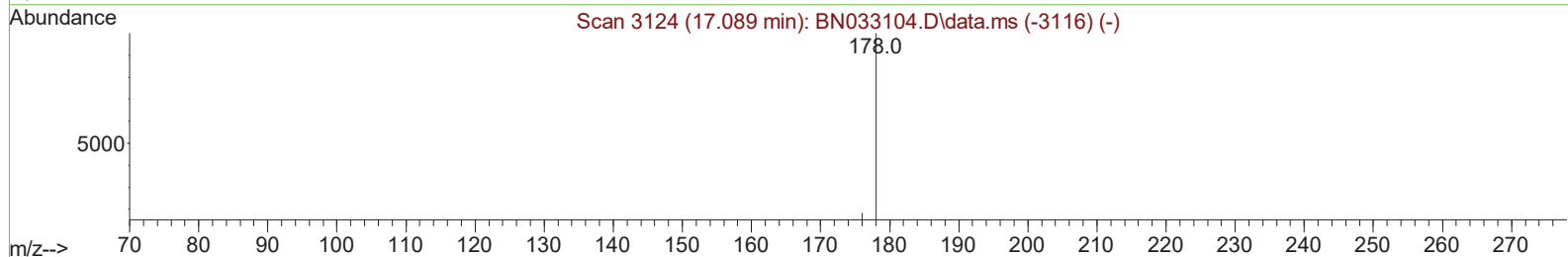
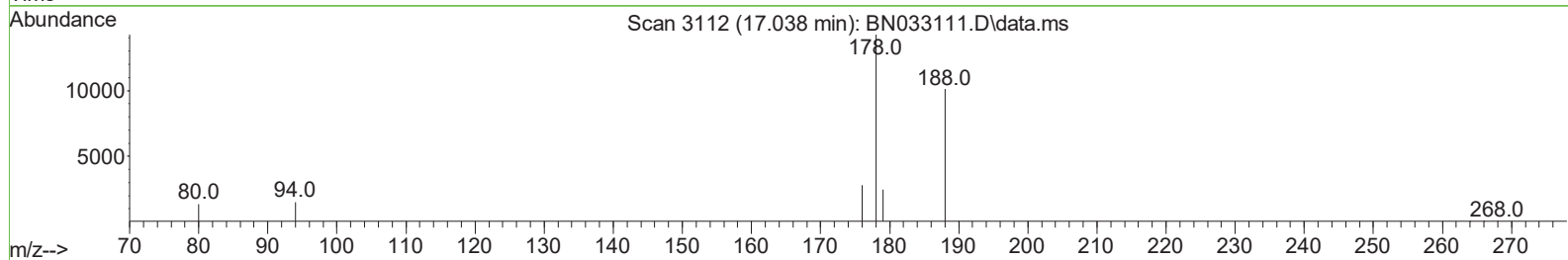
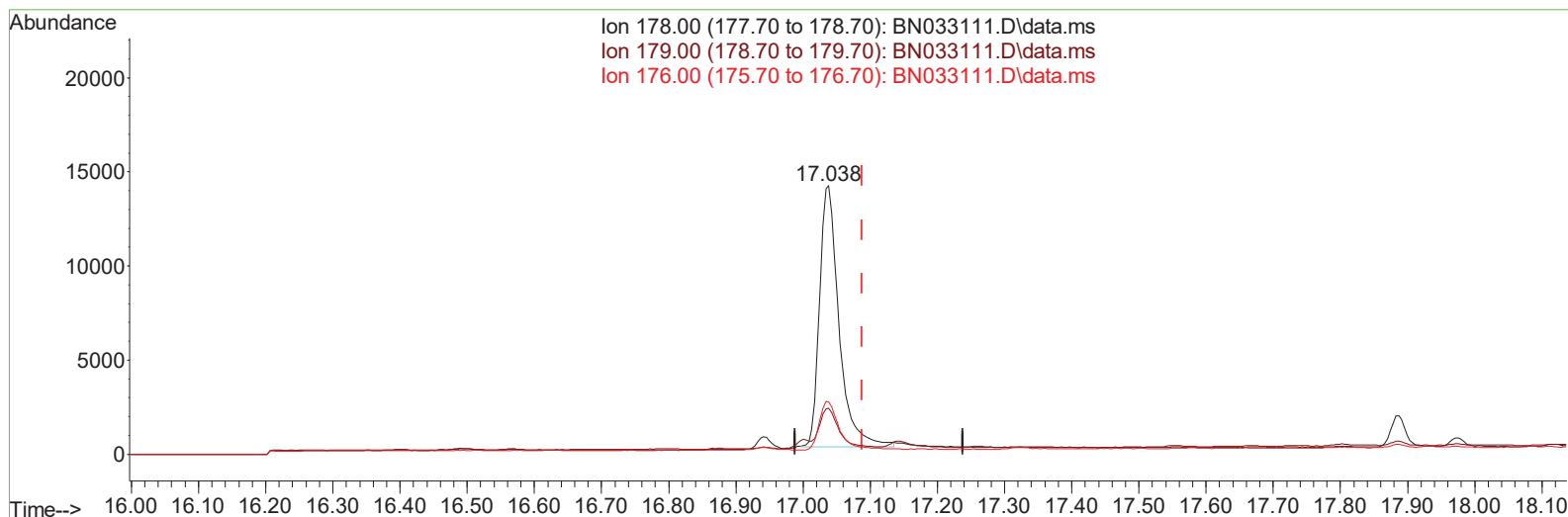
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033111.D
Acq On : 30 Jul 2024 18:04
Operator : MA/JU
Sample : P3347-15
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AZ4

Manual IntegrationsAPPROVED

Quant Time: Jul 30 23:57:37 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: BN033111.D\data.ms

(16) Anthracene

17.038min (-0.050) 1.16 ng/ul m

response 27886

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.90	17.17
176.00	19.80	19.58
0.00	0.00	0.00

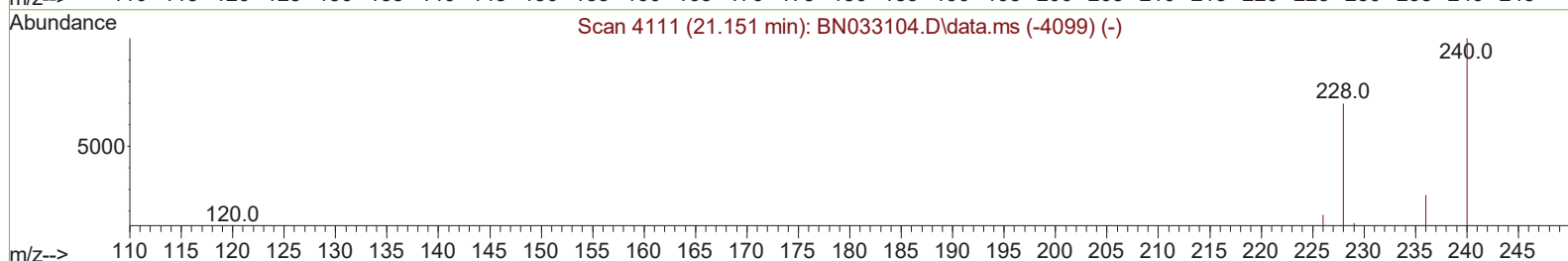
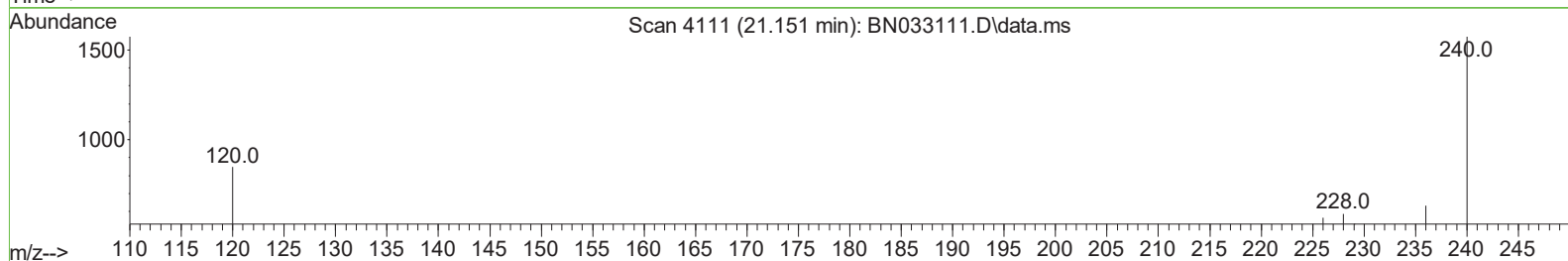
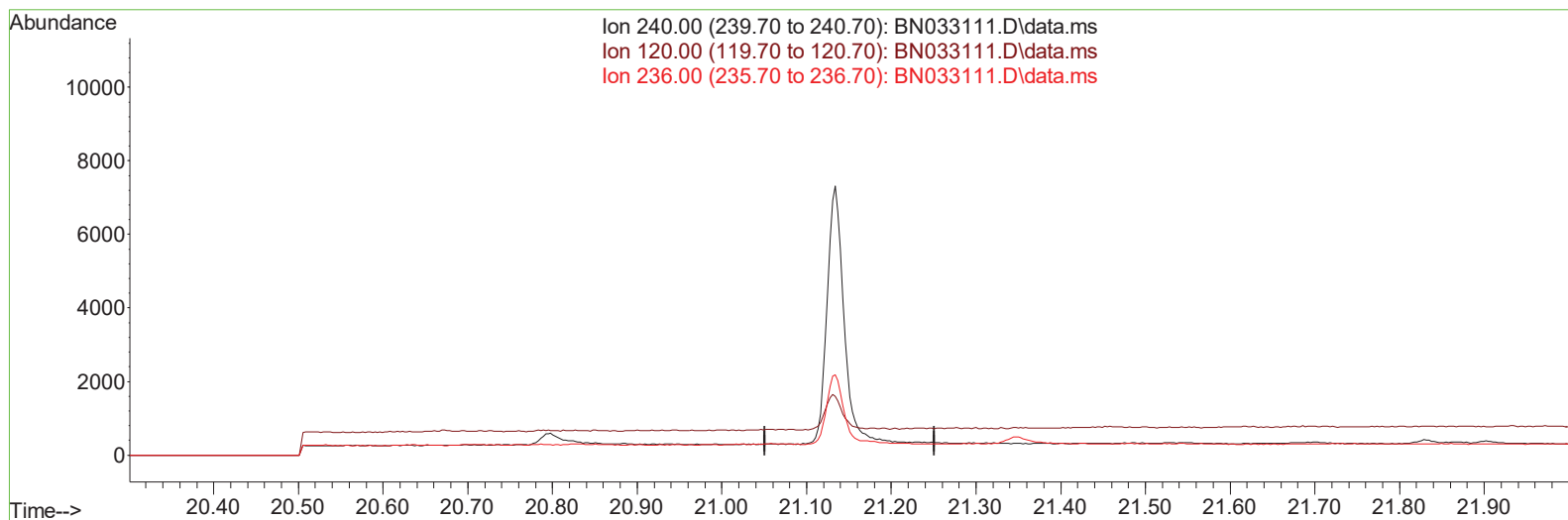
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033111.D
Acq On : 30 Jul 2024 18:04
Operator : MA/JU
Sample : P3347-15
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AZ4

Manual IntegrationsAPPROVED

Quant Time: Jul 30 23:57:37 2024
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Supervised By :mohammad ahmed 07/31/2024



TIC: BN033111.D\data.ms

(17) Chrysene-d12

21.151min (-21.151) 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

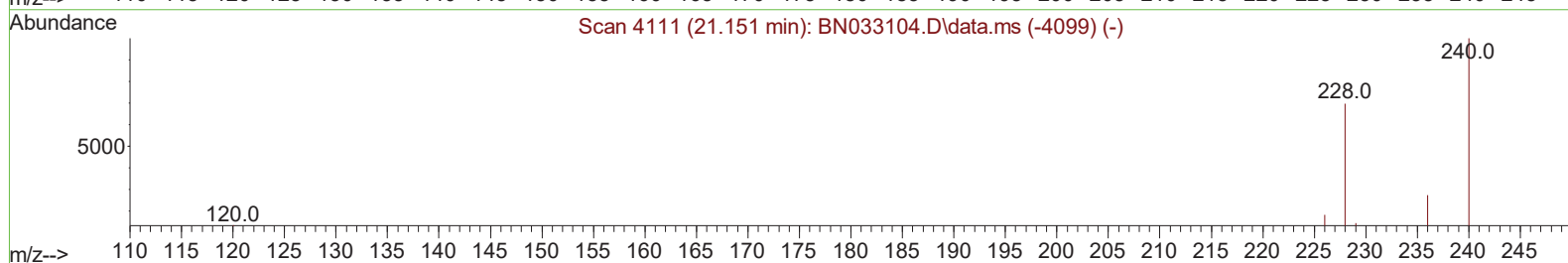
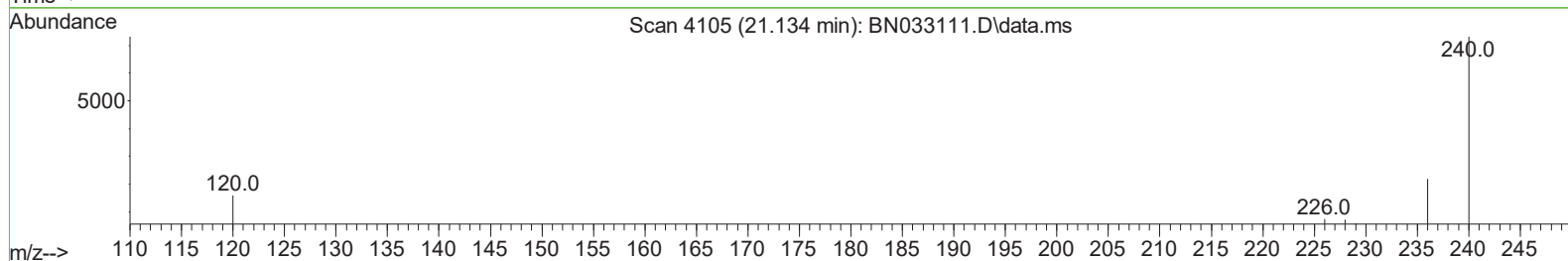
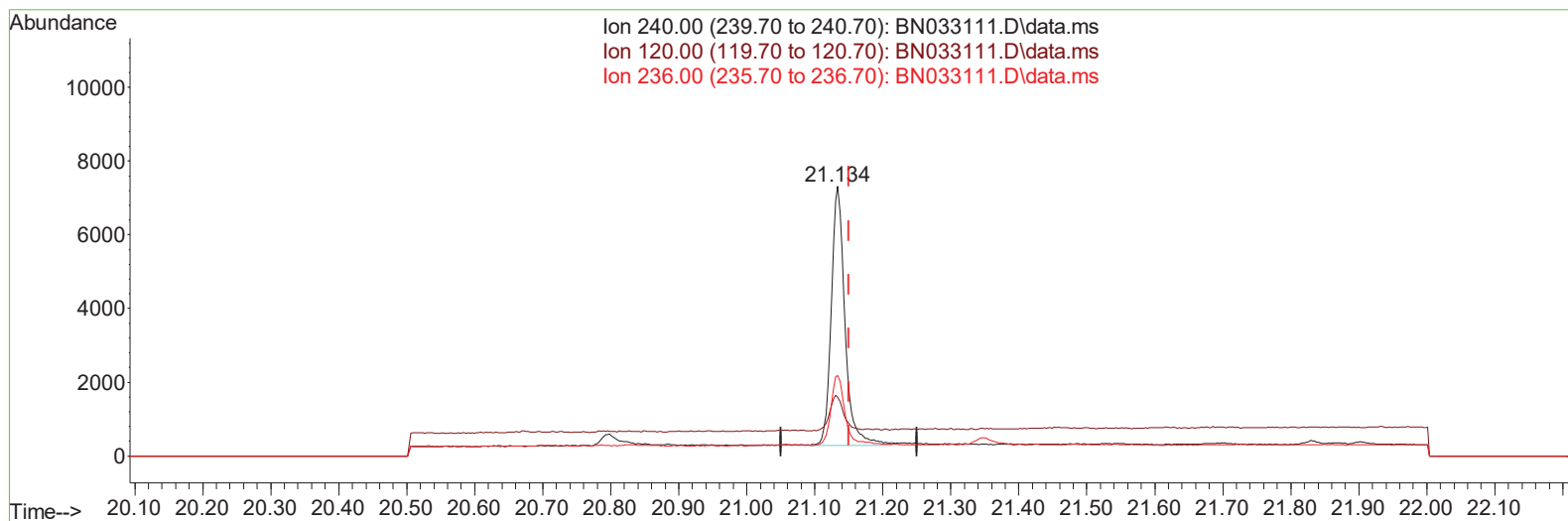
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033111.D
Acq On : 30 Jul 2024 18:04
Operator : MA/JU
Sample : P3347-15
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AZ4

Manual IntegrationsAPPROVED

Quant Time: Jul 30 23:57:37 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: BN033111.D\data.ms

(17) Chrysene-d12

21.134min (-0.017) 0.40 ng/ul m

response 9852

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	21.40	21.83
236.00	29.50	29.80
0.00	0.00	0.00

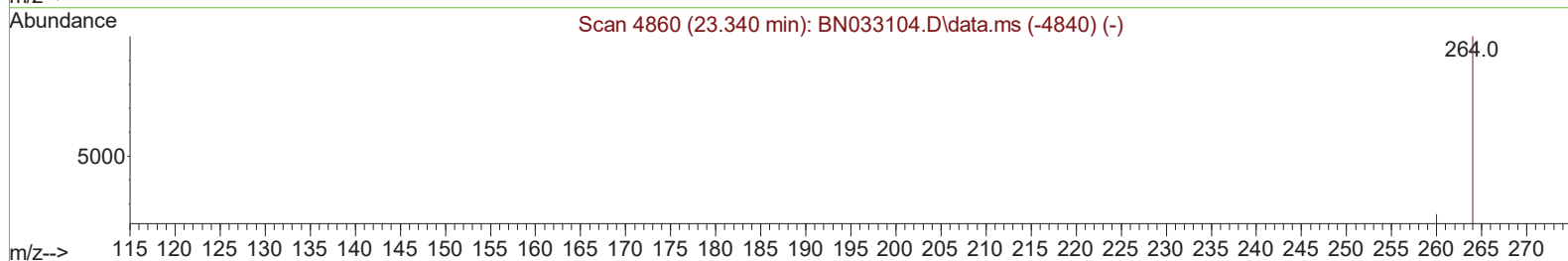
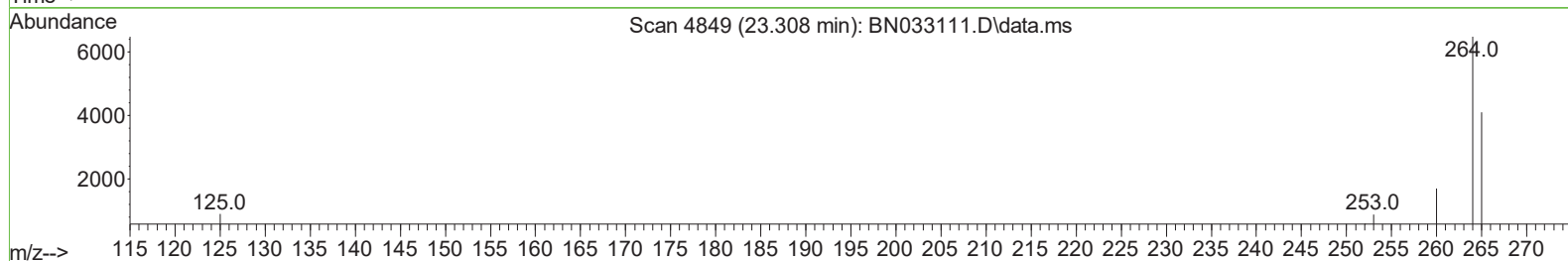
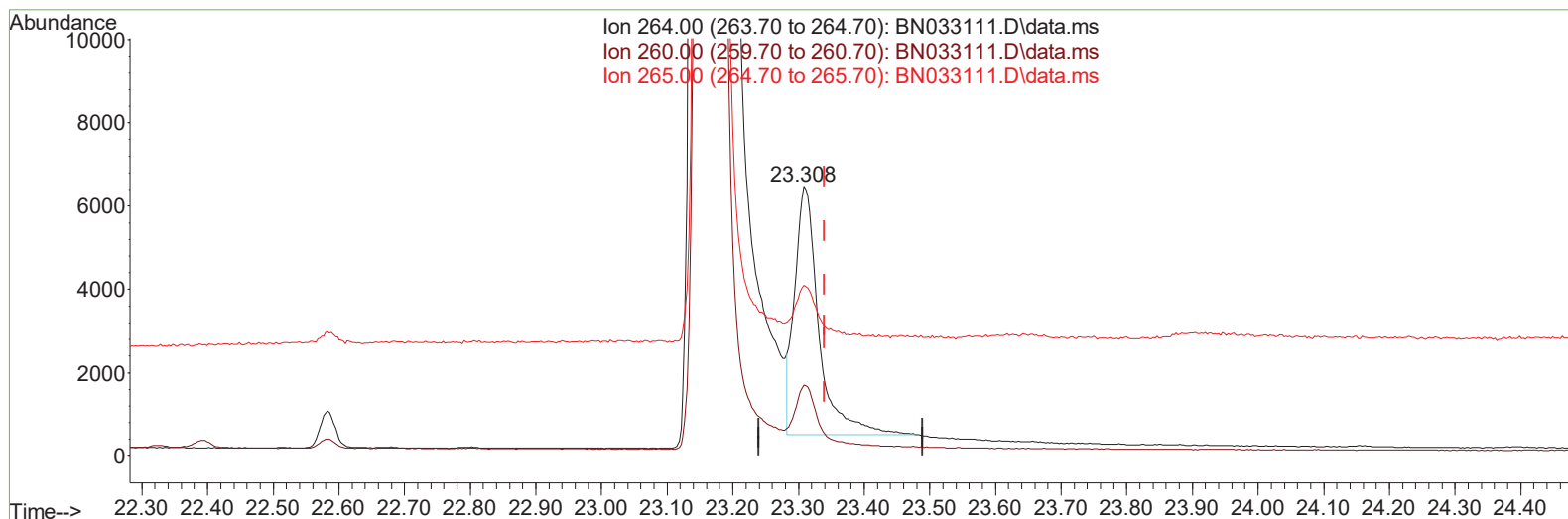
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033111.D
Acq On : 30 Jul 2024 18:04
Operator : MA/JU
Sample : P3347-15
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AZ4

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/31/2024



TIC: BN033111.D\data.ms

(23) Perylene-d12 (I)

23.308min (-0.032) 0.40 ng/u1

response 15369

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.50	26.32
265.00	80.60	63.22#
0.00	0.00	0.00

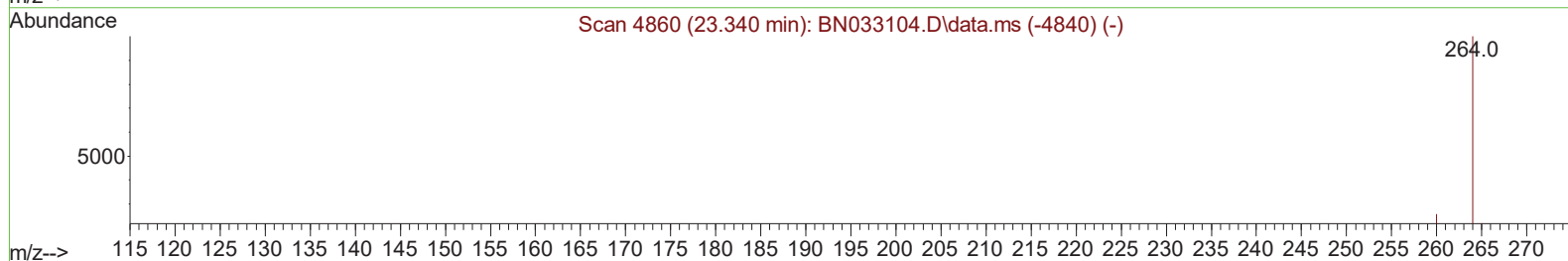
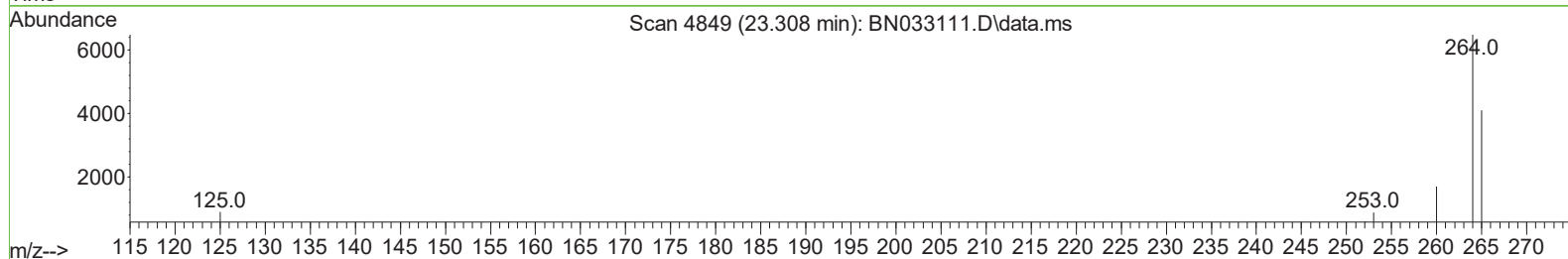
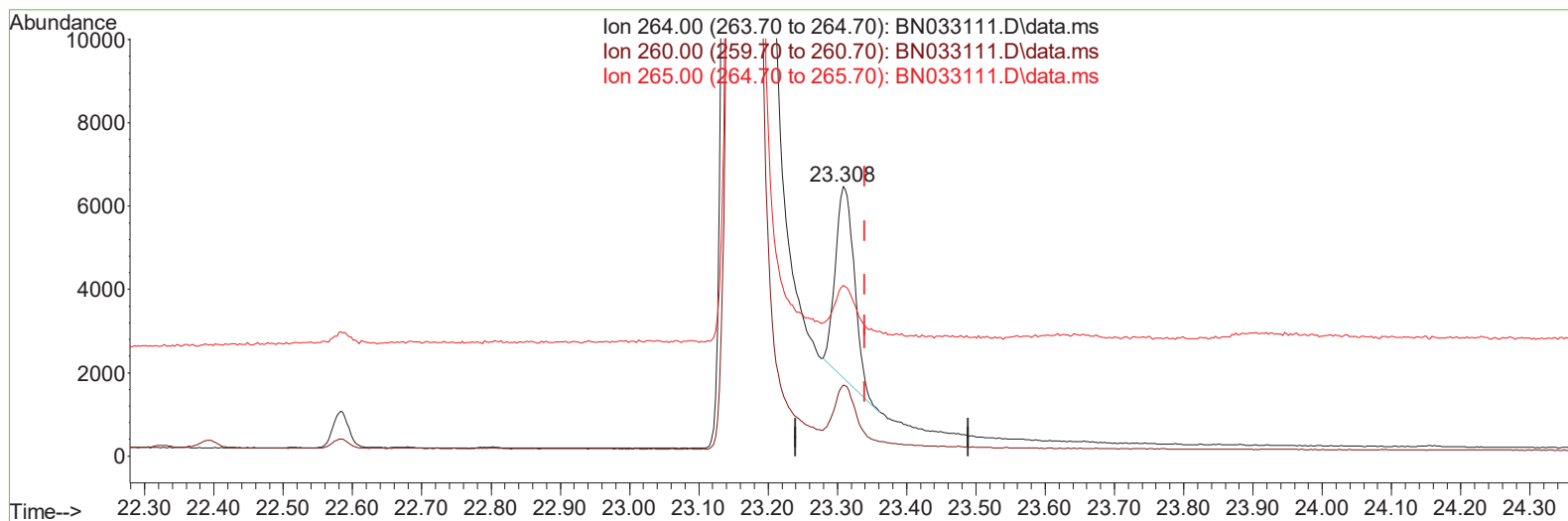
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033111.D
Acq On : 30 Jul 2024 18:04
Operator : MA/JU
Sample : P3347-15
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AZ4

Manual IntegrationsAPPROVED

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TIC: BN033111.D\data.ms

(23) Perylene-d12 (I)

23.308min (-0.032) 0.40 ng/ul m

response 8718

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.50	26.32
265.00	80.60	63.22#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
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 Operator : MA/JU
 Sample : P3347-15
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 C0AZ4

Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.499	152	1765	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.251	136	6616	0.400	ng/ul	-0.07
9) Acenaphthene-d10	14.139	164	4218	0.400	ng/ul	#-0.02
13) Phenanthrene-d10	16.903	188	10008m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.134	240	9852m	0.400	ng/ul	-0.02
23) Perylene-d12	23.308	264	8718m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	7844	3.513	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.879	152	3079	0.285	ng/ul	-0.05
18) Fluoranthene-d10	18.949	212	9864	0.354	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.301	128	505	0.030	ng/ul#	54
10) Acenaphthylene	13.856	152	2417	0.140	ng/ul#	85
11) Acenaphthene	14.199	153	421	0.032	ng/ul#	88
12) Fluorene	15.198	166	797	0.053	ng/ul#	88
15) Phenanthrene	16.941	178	1012m	0.038	ng/ul	
16) Anthracene	17.038	178	27886m	1.155	ng/ul	
19) Fluoranthene	18.981	202	2006	0.062	ng/ul#	58
21) Benzo(a)anthracene	21.119	228	1431	0.043	ng/ul#	43
22) Chrysene	21.172	228	1181	0.030	ng/ul#	41
24) Benzo(b)fluoranthene	22.662	252	1148	0.045	ng/ul#	1
25) Benzo(k)fluoranthene	22.700	252	725	0.024	ng/ul#	1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
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Instrument :
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Manual IntegrationsAPPROVED

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