

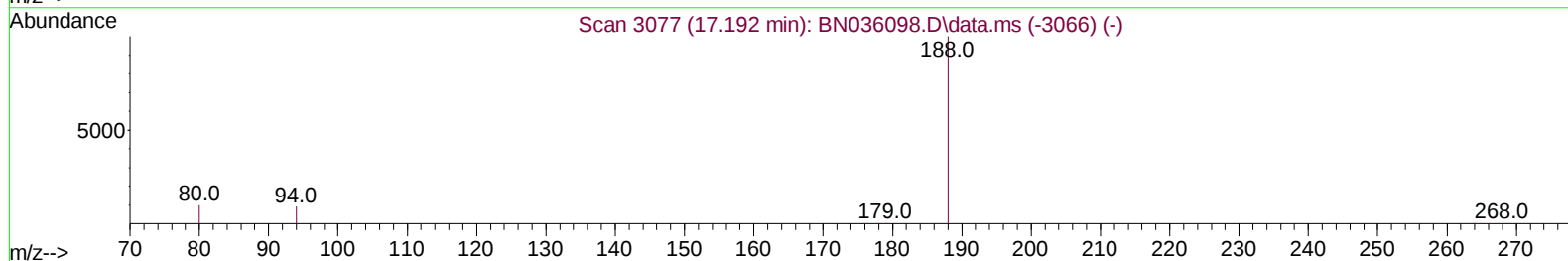
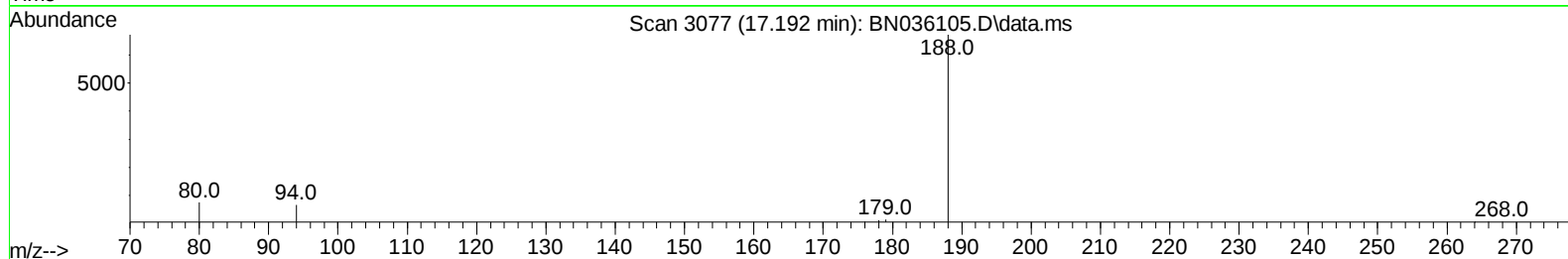
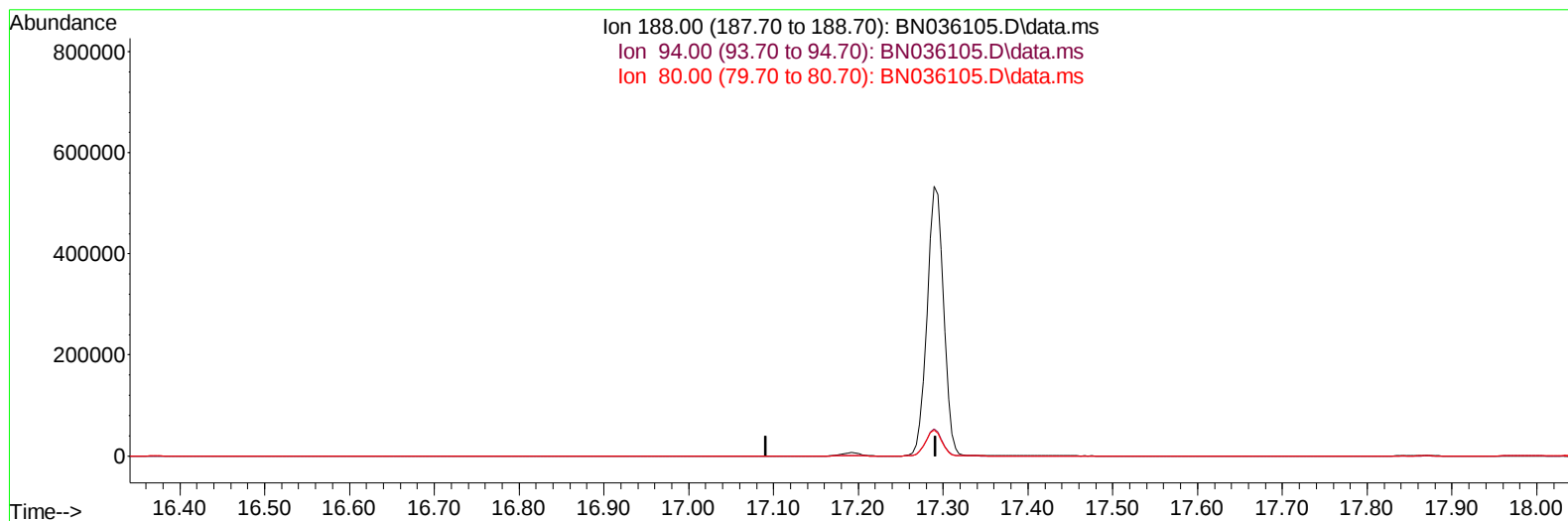
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036105.D
Acq On : 29 Jan 2025 11:19
Operator : RC/JU
Sample : Q1184-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2971

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/29/2025
Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 29 12:29:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration



TIC: BN036105.D\data.ms

(13) Phenanthrene-d10 (I)

17.191min (-17.191) 0.00 ng/u1

response 0

Ion	Exp%	Act%
188.00	100.00	0.00
94.00	10.10	0.00#
80.00	10.90	0.00#
0.00	0.00	0.00

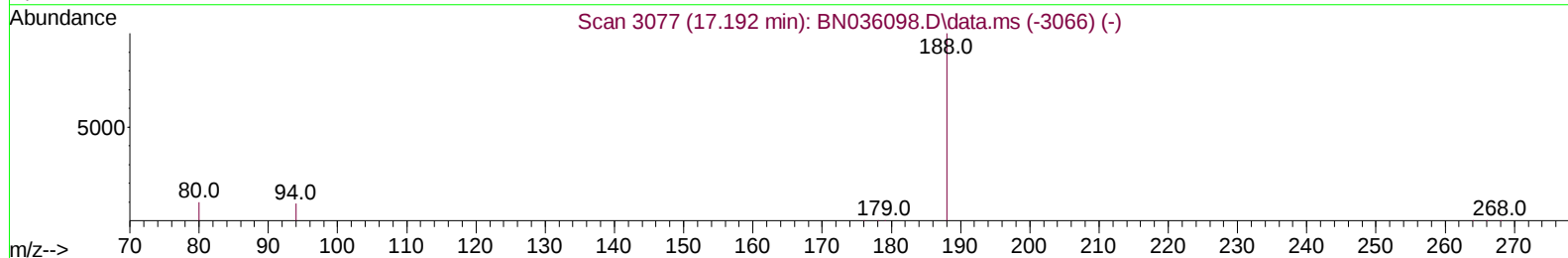
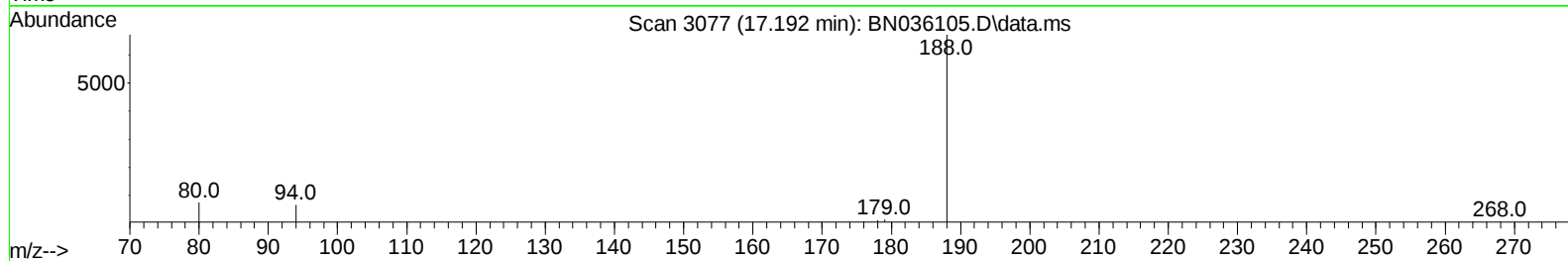
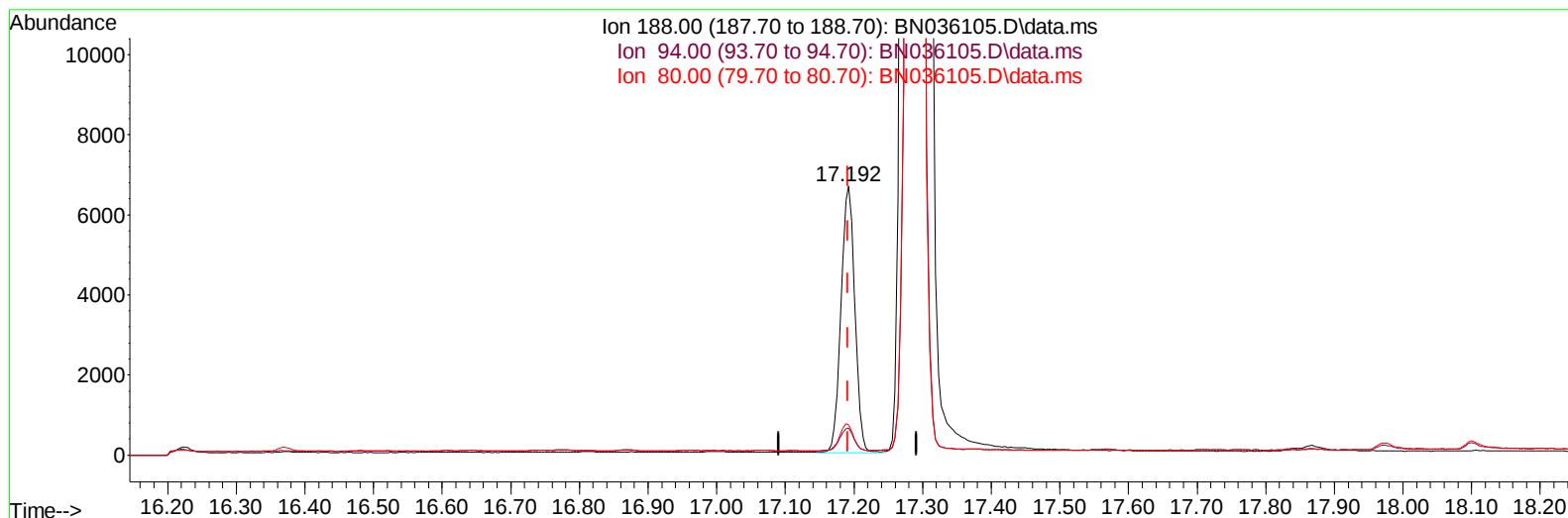
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036105.D
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Operator : RC/JU
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Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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Supervised By :mohammad ahmed 02/04/2025



TIC: BN036105.D\data.ms

(13) Phenanthrene-d10 (I)

17.192min (+ 0.001) 0.40 ng/ul m

response 9318

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	9.93
80.00	10.90	11.15
0.00	0.00	0.00

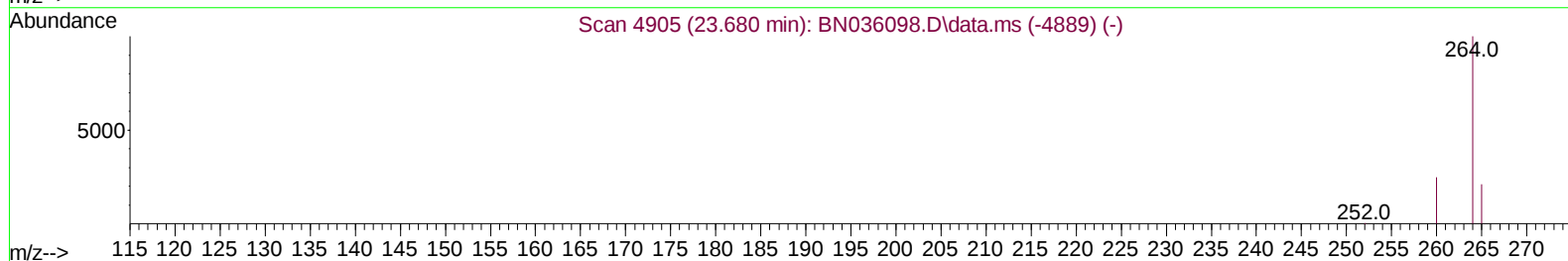
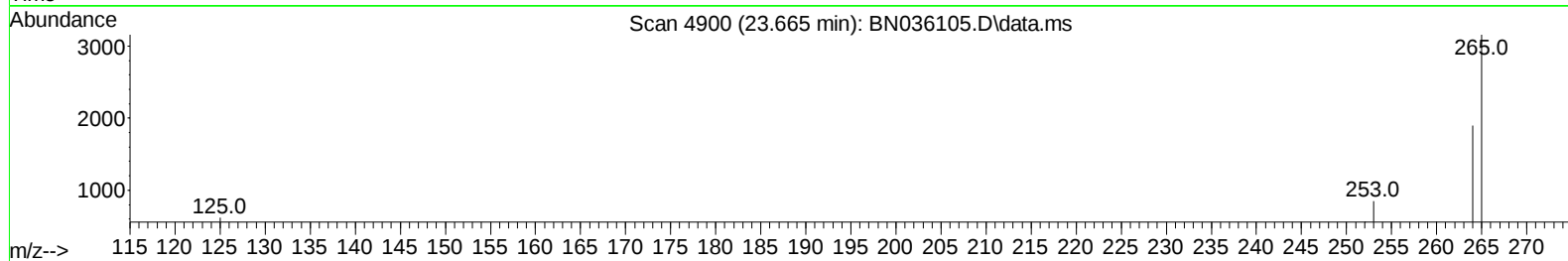
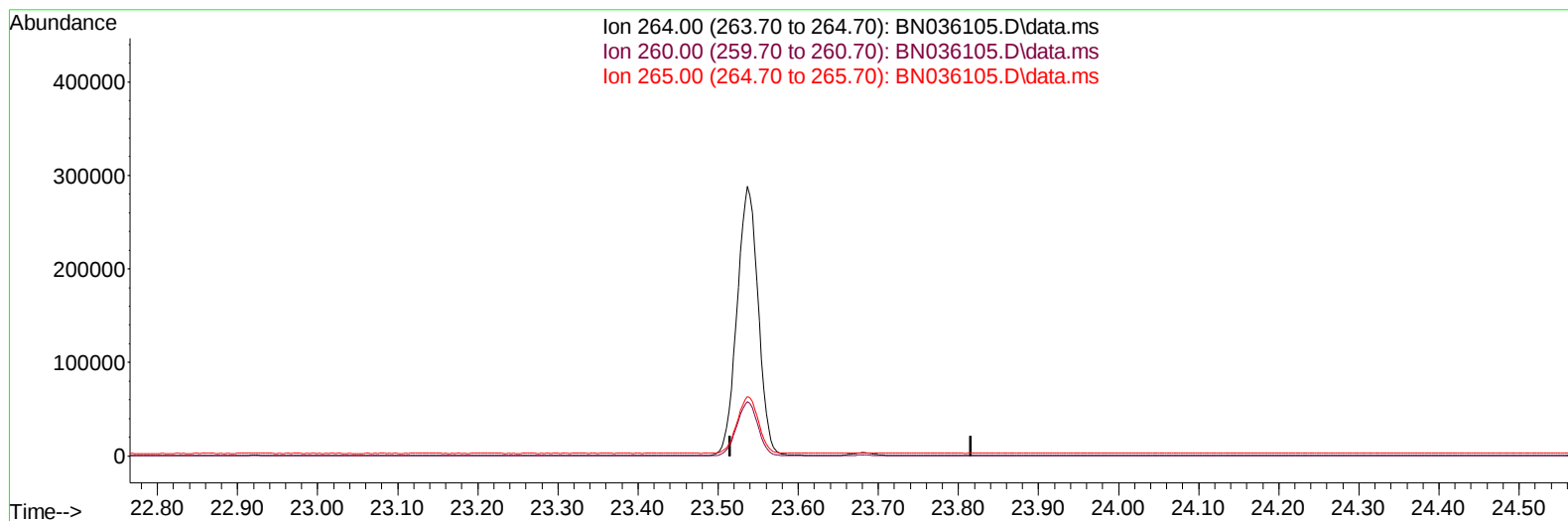
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036105.D
Acq On : 29 Jan 2025 11:19
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Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BN036105.D\data.ms

(23) Perylene-d12 (I)

23.666min (-23.666) 0.00 ng/u1

response 0

Ion	Exp%	Act%
264.00	100.00	0.00
260.00	26.80	0.00#
265.00	53.20	0.00#
0.00	0.00	0.00

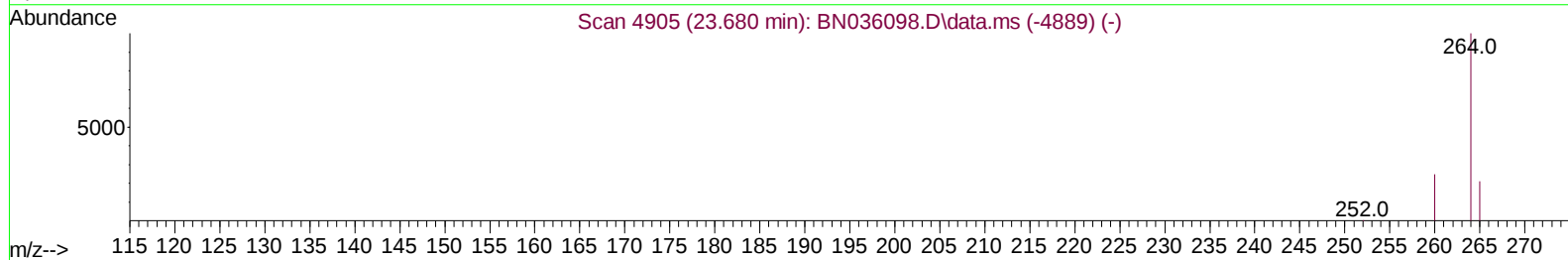
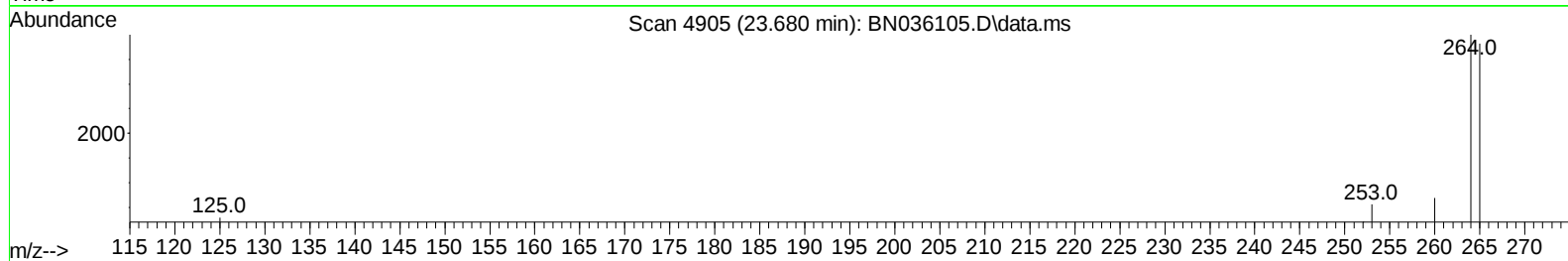
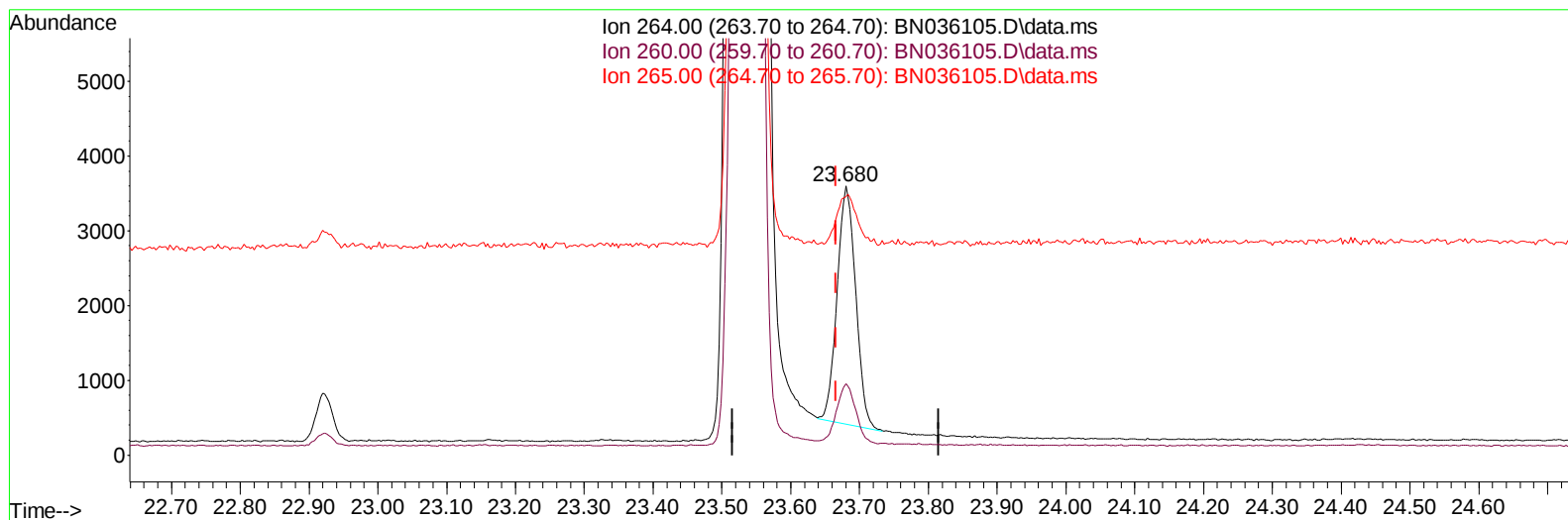
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036105.D
Acq On : 29 Jan 2025 11:19
Operator : RC/JU
Sample : Q1184-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 02/04/2025



TIC: BN036105.D\data.ms

(23) Perylene-d12 (I)

23.680min (+ 0.014) 0.40 ng/ul m

response 5942

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	26.57
265.00	53.20	96.11#
0.00	0.00	0.00

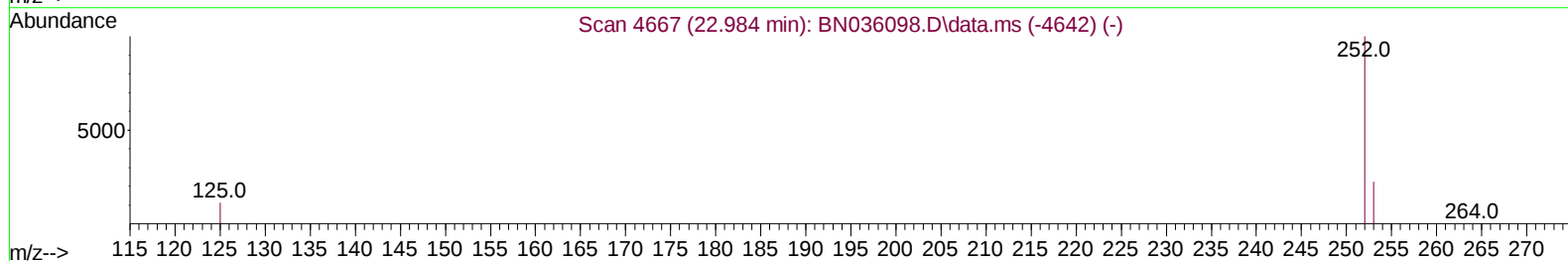
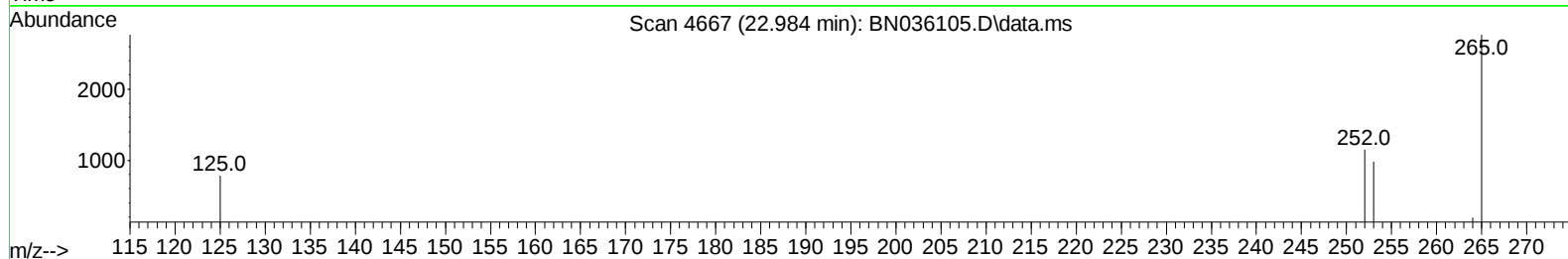
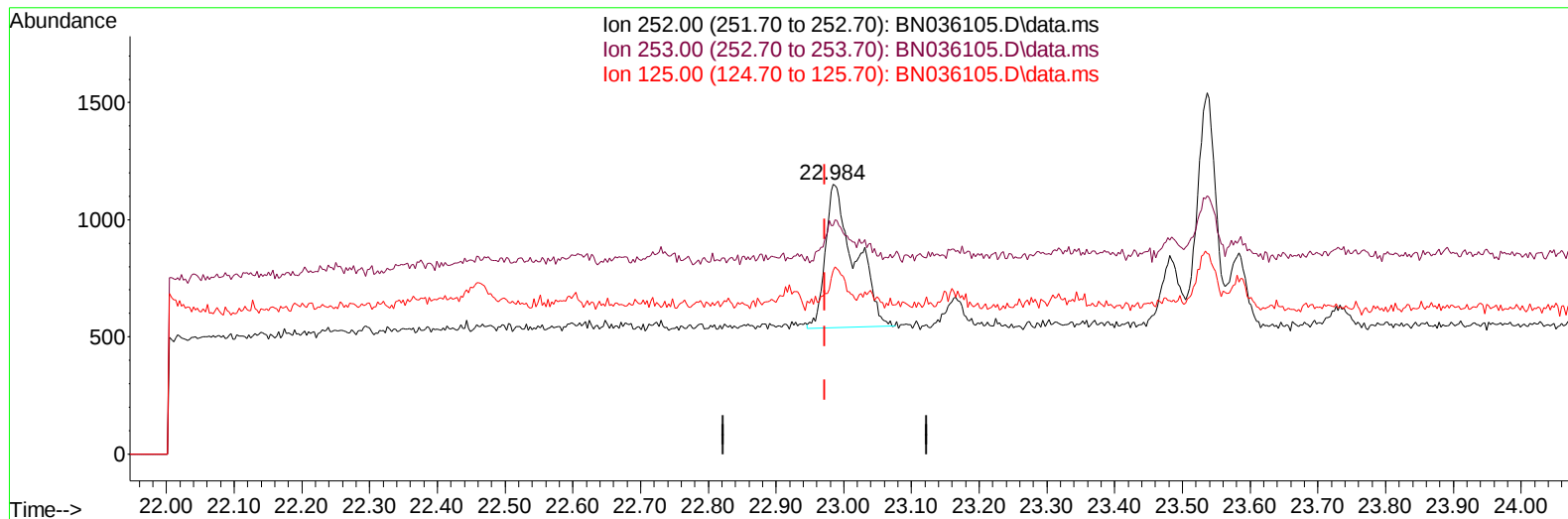
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036105.D
Acq On : 29 Jan 2025 11:19
Operator : RC/JU
Sample : Q1184-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2971

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/29/2025
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TIC: BN036105.D\data.ms

(24) Benzo(b)fluoranthene

22.984min (+ 0.011) 0.09 ng/u1

response 1846

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.60	84.78#
125.00	13.90	68.00#
0.00	0.00	0.00

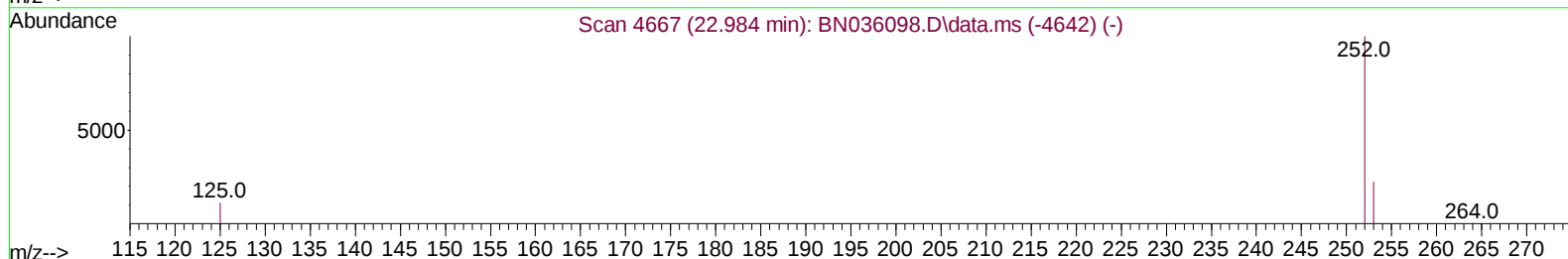
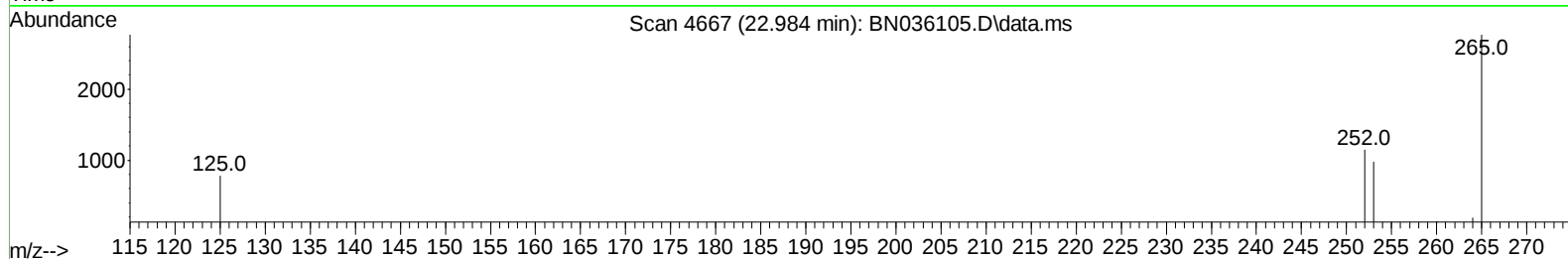
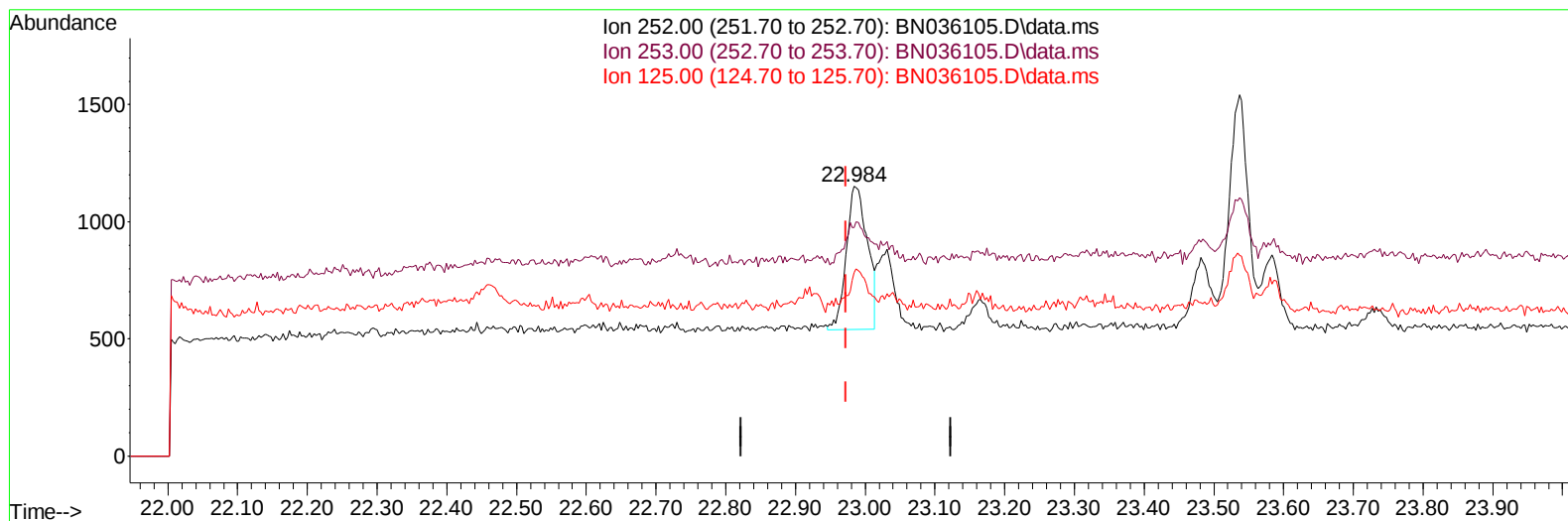
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036105.D
Acq On : 29 Jan 2025 11:19
Operator : RC/JU
Sample : Q1184-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2971

Manual IntegrationsAPPROVED

Quant Time: Jan 29 12:29:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 01/29/2025
Supervised By :mohammad ahmed 02/04/2025



TIC: BN036105.D\data.ms

(24) Benzo(b)fluoranthene

22.984min (+ 0.011) 0.07 ng/u1 m

response 1290

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.60	84.78#
125.00	13.90	68.00#
0.00	0.00	0.00

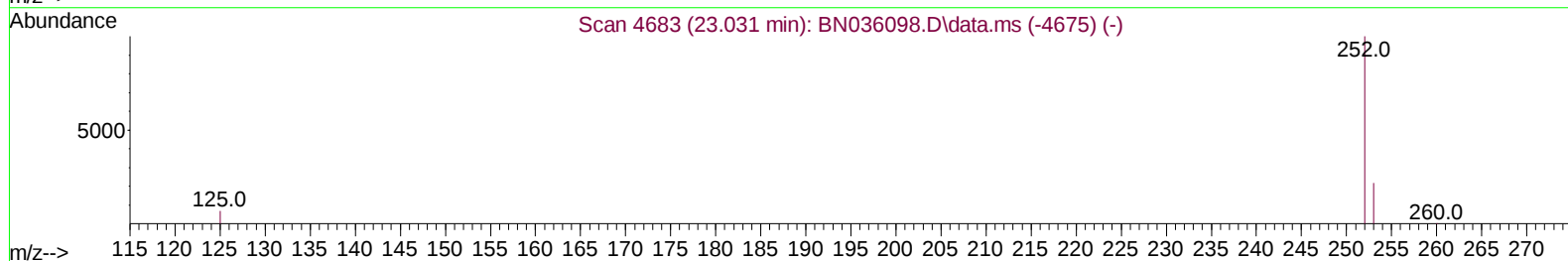
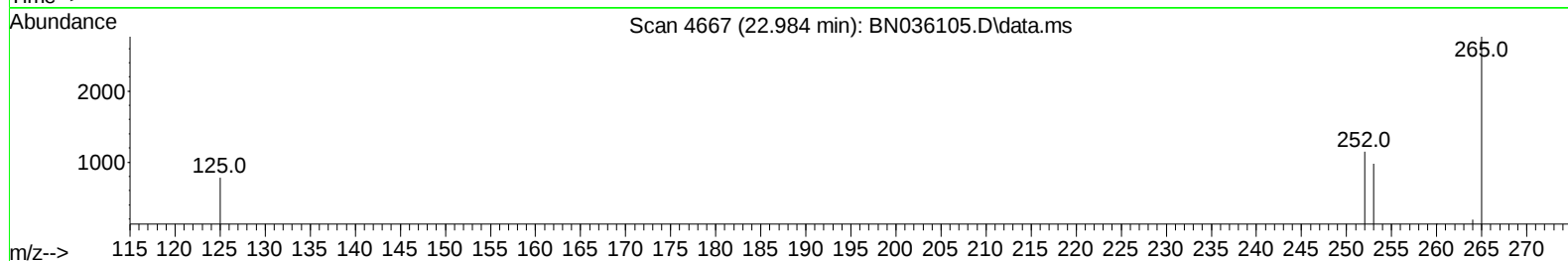
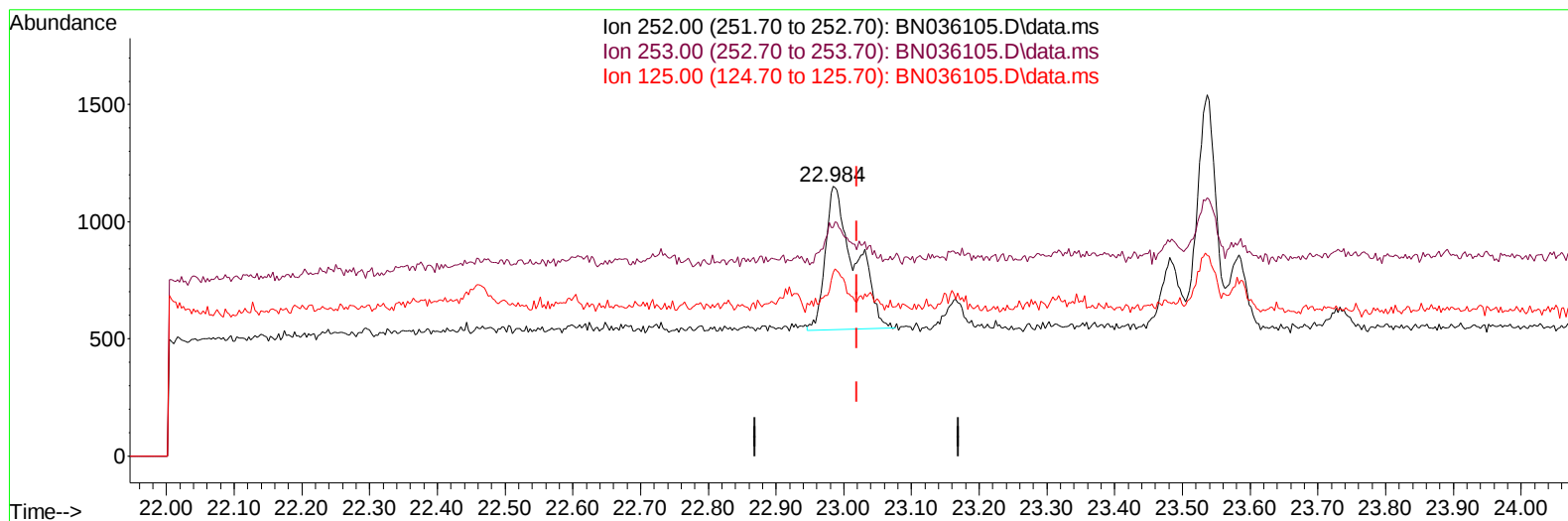
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036105.D
Acq On : 29 Jan 2025 11:19
Operator : RC/JU
Sample : Q1184-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2971

Manual IntegrationsAPPROVED

Quant Time: Jan 29 12:29:09 2025
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Supervised By :mohammad ahmed 02/04/2025



TIC: BN036105.D\data.ms

(25) Benzo(k)fluoranthene

22.984min (-0.035) 0.09 ng/u1

response 1846

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.30	84.78#
125.00	13.30	68.00#
0.00	0.00	0.00

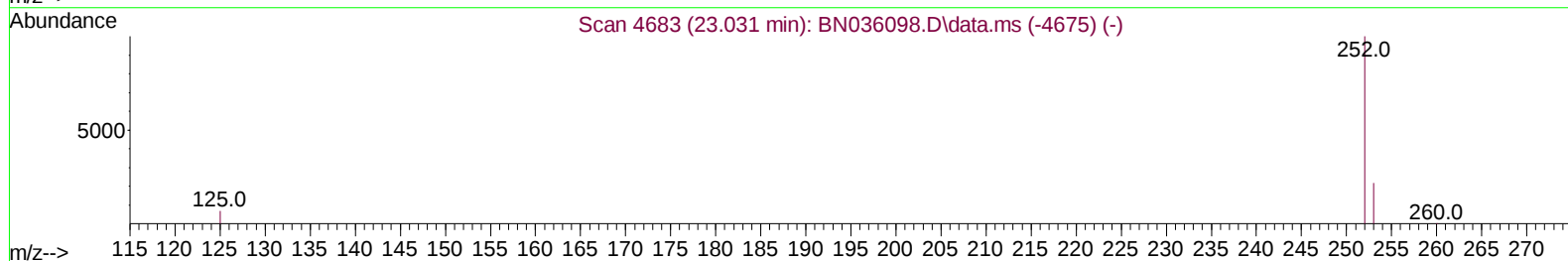
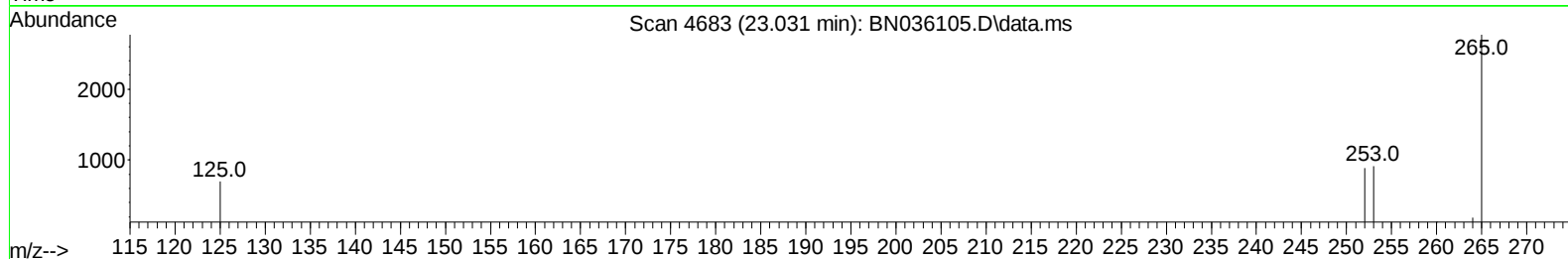
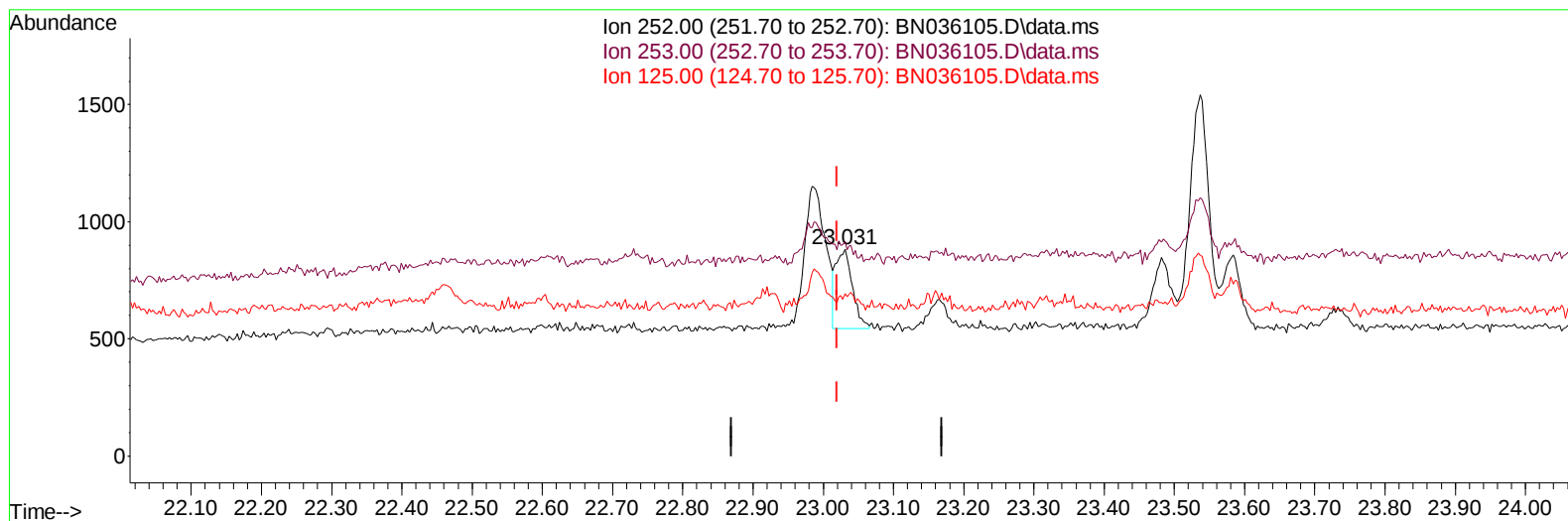
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036105.D
Acq On : 29 Jan 2025 11:19
Operator : RC/JU
Sample : Q1184-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2971

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/29/2025
Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 29 12:29:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration



TIC: BN036105.D\data.ms

(25) Benzo(k)fluoranthene

23.031min (+ 0.011) 0.03 ng/u1 m

response 555

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.30	103.74#
125.00	13.30	78.48#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
 Data File : BN036105.D
 Acq On : 29 Jan 2025 11:19
 Operator : RC/JU
 Sample : Q1184-17
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2971

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/29/2025
 Supervised By :mohammad ahmed 02/04/2025

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.808	152		3006	0.400	ng/ul	0.00
4) Naphthalene-d8	10.600	136		7108	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.446	164		4433	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.192	188		9318m	0.400	ng/ul	0.00
17) Chrysene-d12	21.380	240		6995	0.400	ng/ul	0.00
23) Perylene-d12	23.680	264		5942m	0.400	ng/ul	0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.272	96		14300	4.345	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.189	152		3129	0.349	ng/ul	-0.01
18) Fluoranthene-d10	19.221	212		8621	0.448	ng/ul	0.00
Target Compounds							
						Qvalue	
19) Fluoranthene	19.253	202		1666	0.063	ng/ul#	69
21) Benzo(a)anthracene	21.365	228		861	0.034	ng/ul#	47
22) Chrysene	21.415	228		1013	0.040	ng/ul#	49
24) Benzo(b)fluoranthene	22.984	252		1290m	0.065	ng/ul	
25) Benzo(k)fluoranthene	23.031	252		555m	0.027	ng/ul	
26) Benzo(a)pyrene	23.584	252		503	0.028	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.024	276		535	0.023	ng/ul#	50
29) Benzo(g,h,i)perylene	26.745	276		456	0.025	ng/ul#	1

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

