

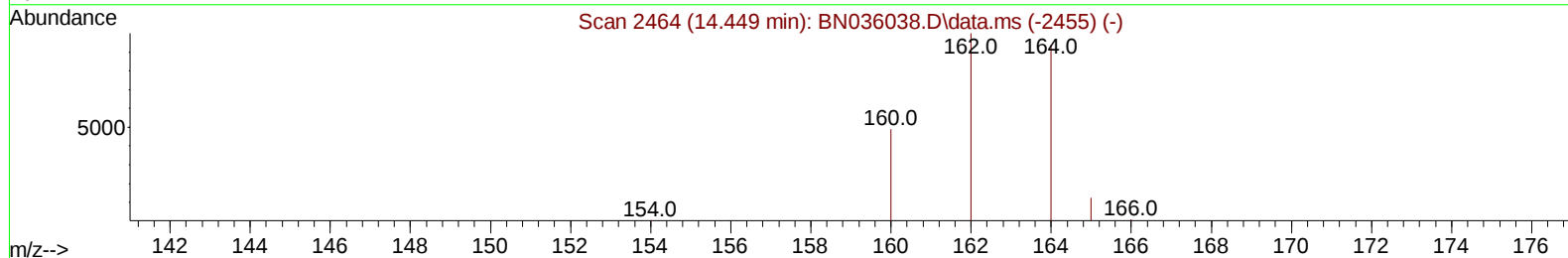
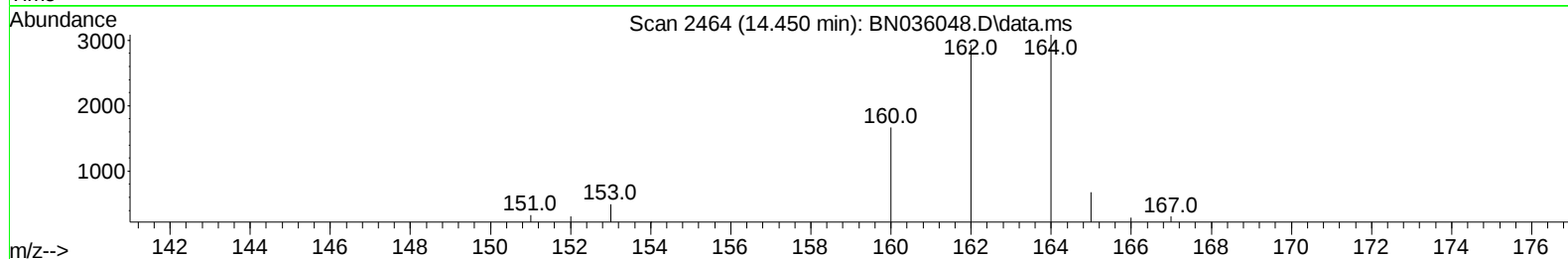
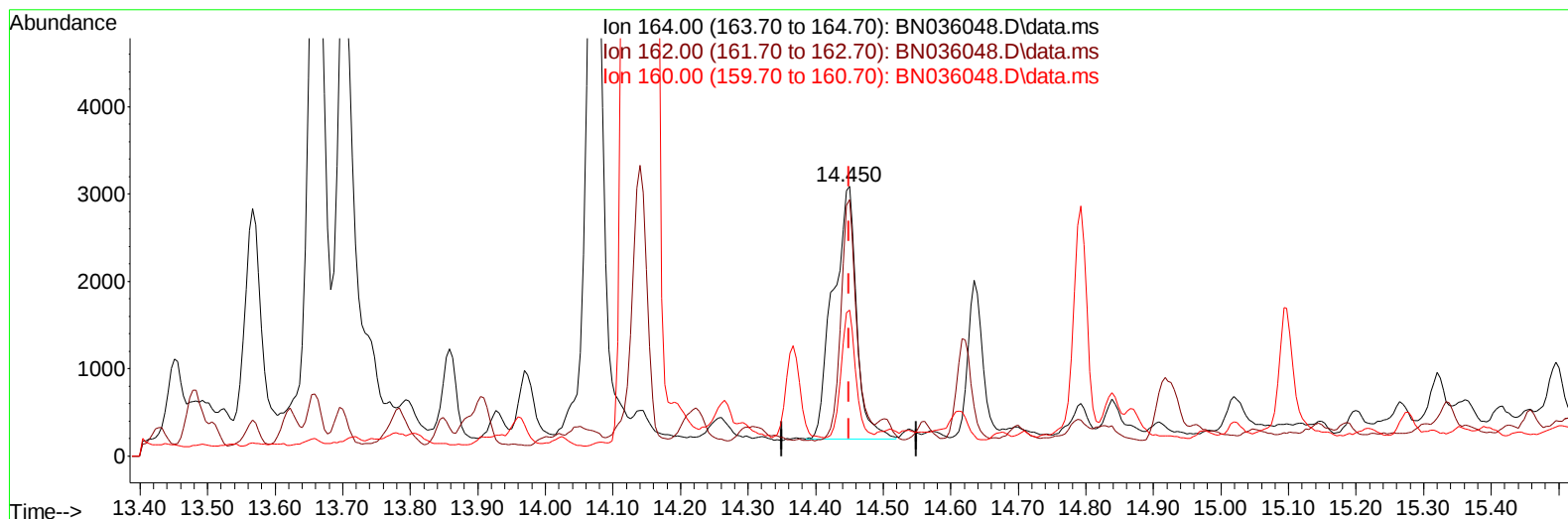
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012725\
Data File : BN036048.D
Acq On : 27 Jan 2025 22:01
Operator : RC/JU
Sample : Q1174-23
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2954

Manual IntegrationsAPPROVED

Quant Time: Jan 28 00:09:21 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 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



TIC: BN036048.D\data.ms

(9) Acenaphthene-d10 (I)

14.450min (-0.000) 0.40 ng/u1

response 7032

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.40	95.01
160.00	54.60	54.02
0.00	0.00	0.00

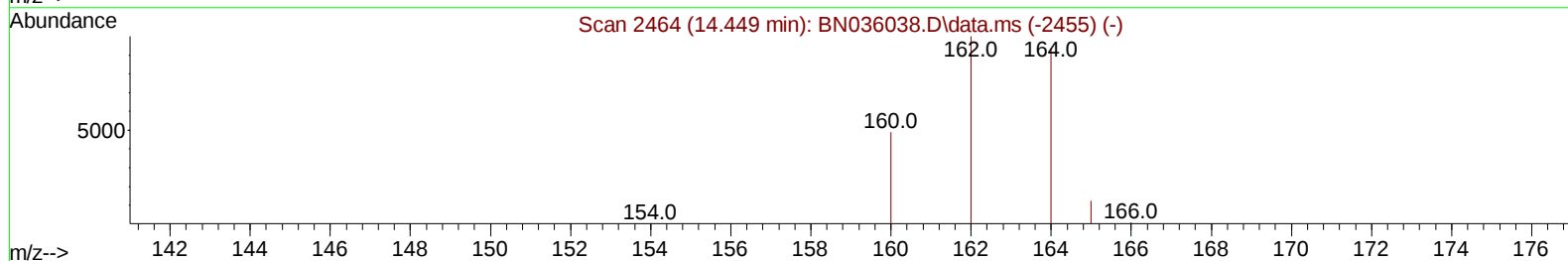
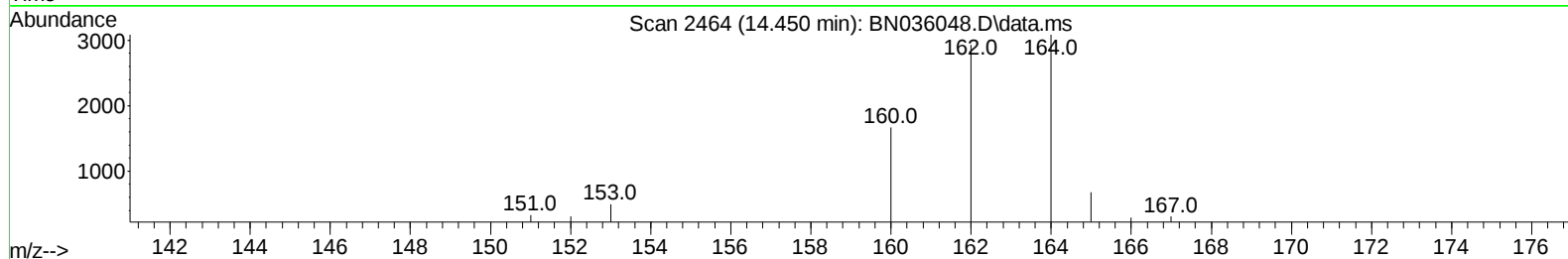
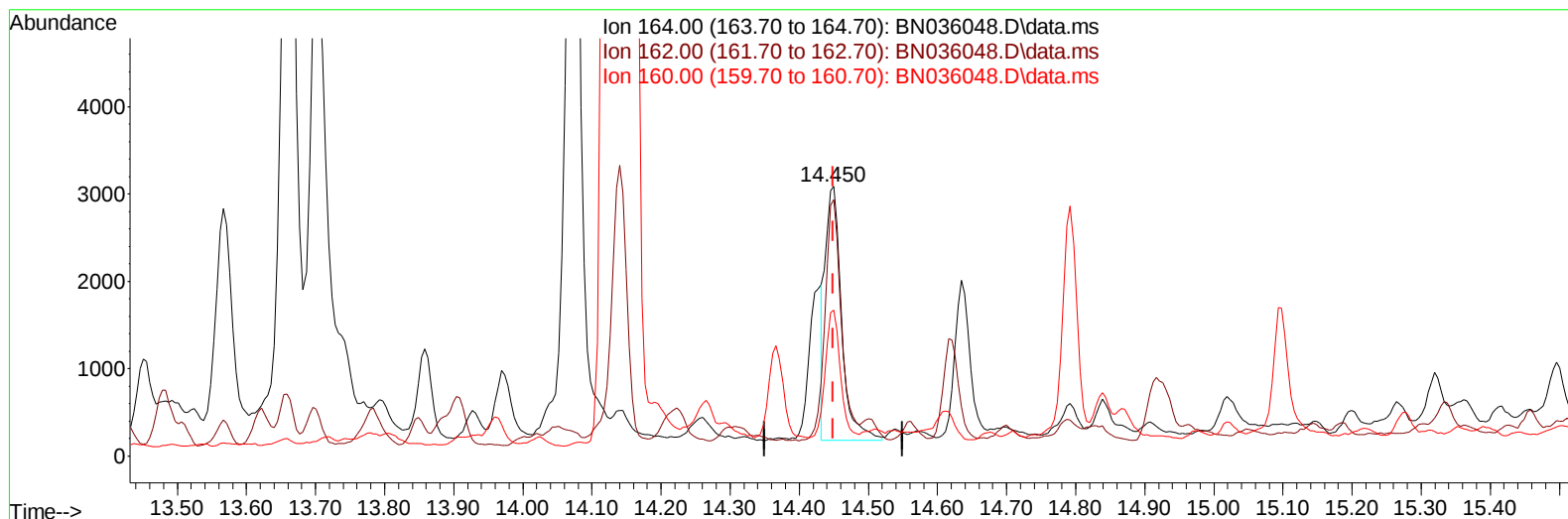
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012725\
Data File : BN036048.D
Acq On : 27 Jan 2025 22:01
Operator : RC/JU
Sample : Q1174-23
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2954

Manual IntegrationsAPPROVED

Quant Time: Jan 28 00:09:21 2025
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TIC: BN036048.D\data.ms

(9) Acenaphthene-d10 (I)

14.450min (-0.000) 0.40 ng/ul m

response 4821

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.40	95.01
160.00	54.60	54.02
0.00	0.00	0.00

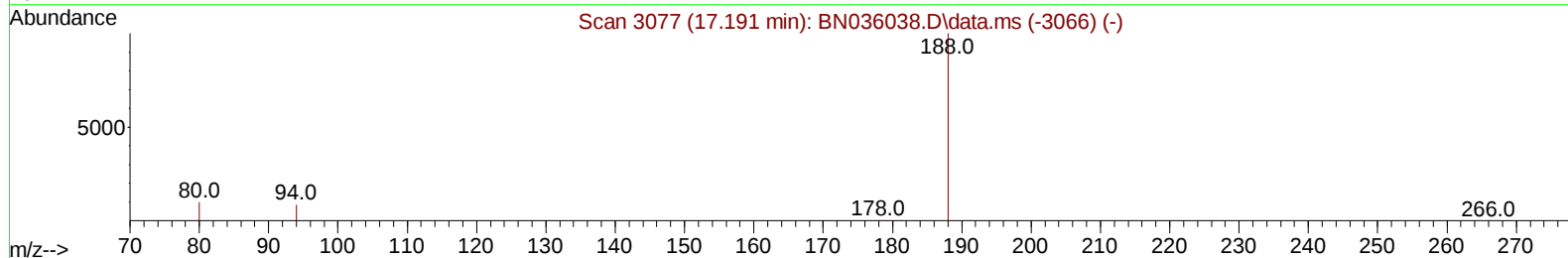
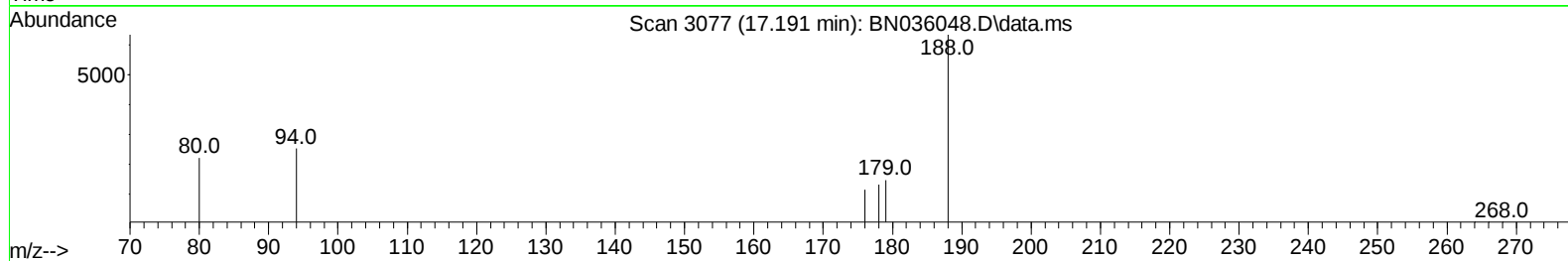
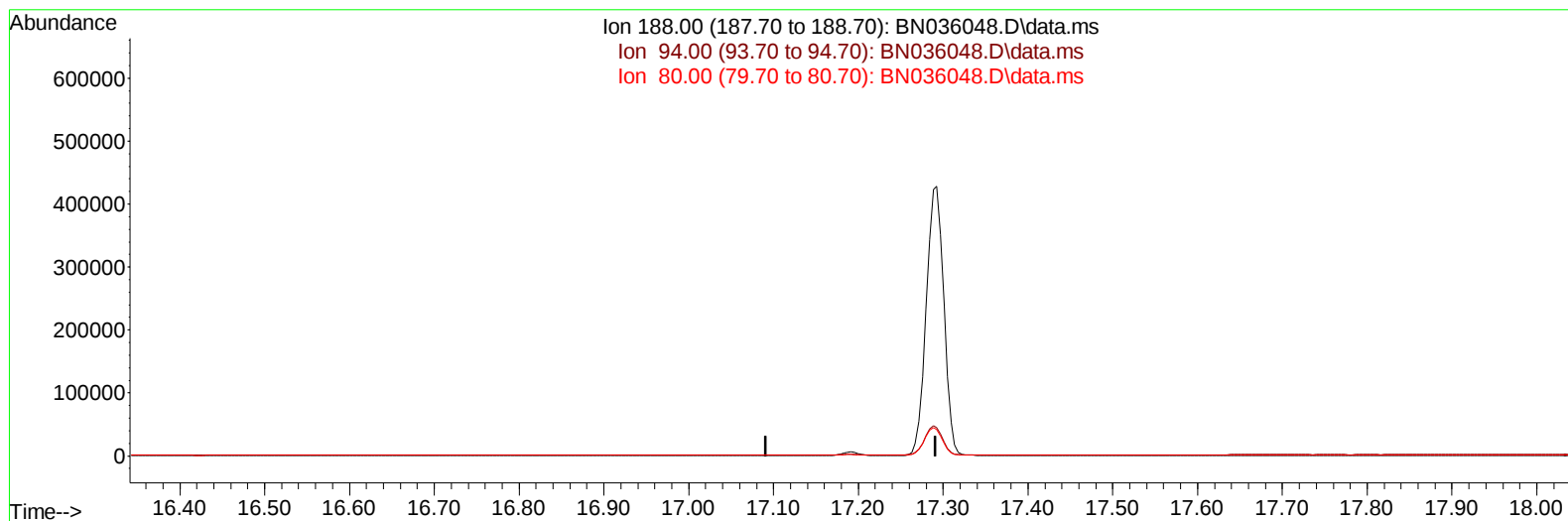
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012725\
 Data File : BN036048.D
 Acq On : 27 Jan 2025 22:01
 Operator : RC/JU
 Sample : Q1174-23
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2954

Manual IntegrationsAPPROVED

Quant Time: Jan 28 00:09:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
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TIC: BN036048.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

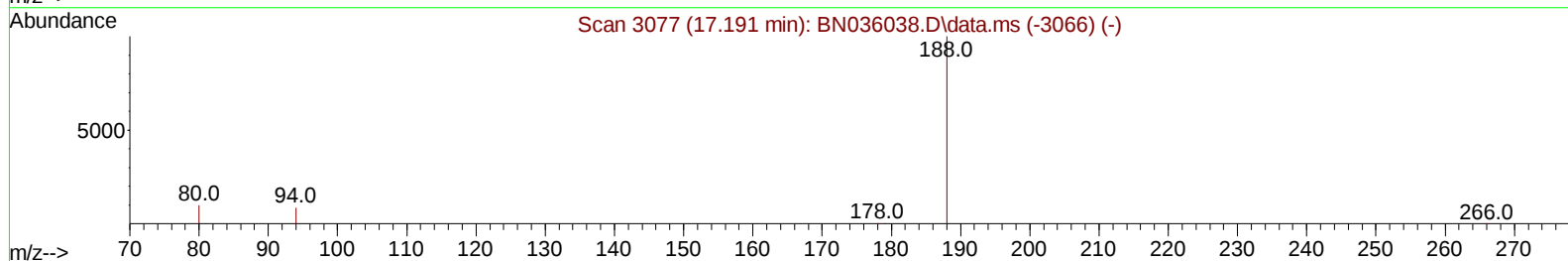
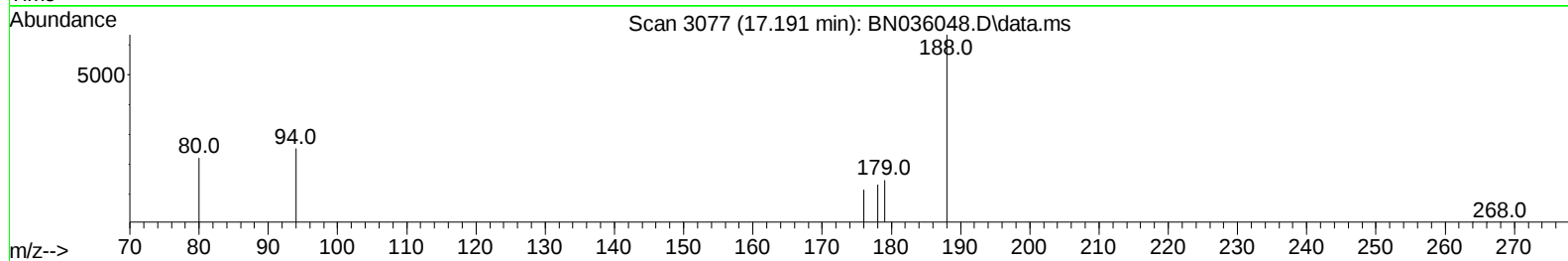
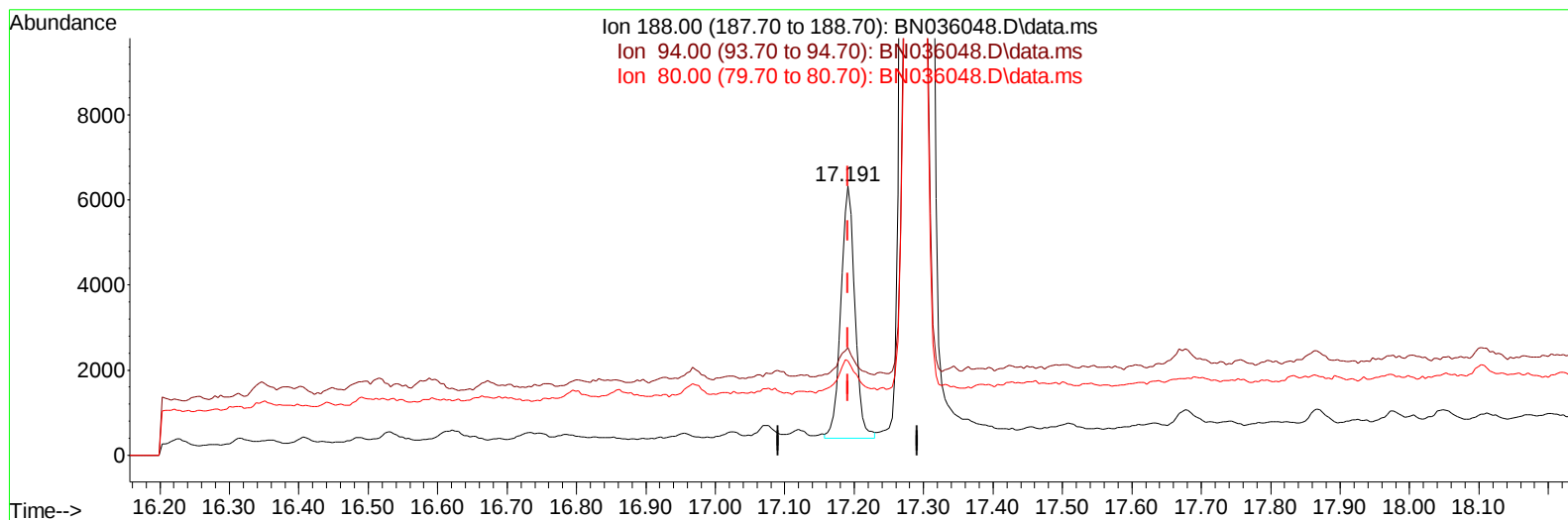
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012725\
Data File : BN036048.D
Acq On : 27 Jan 2025 22:01
Operator : RC/JU
Sample : Q1174-23
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2954

Manual IntegrationsAPPROVED

Quant Time: Jan 28 00:09:21 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
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TIC: BN036048.D\data.ms

(13) Phenanthrene-d10 (I)

17.191min (-0.000) 0.40 ng/ul m

response 8346

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	39.97#
80.00	10.90	35.07#
0.00	0.00	0.00

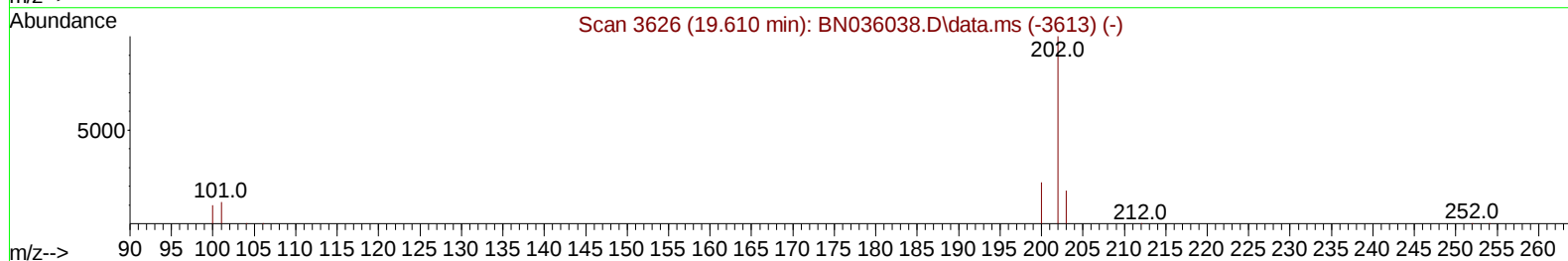
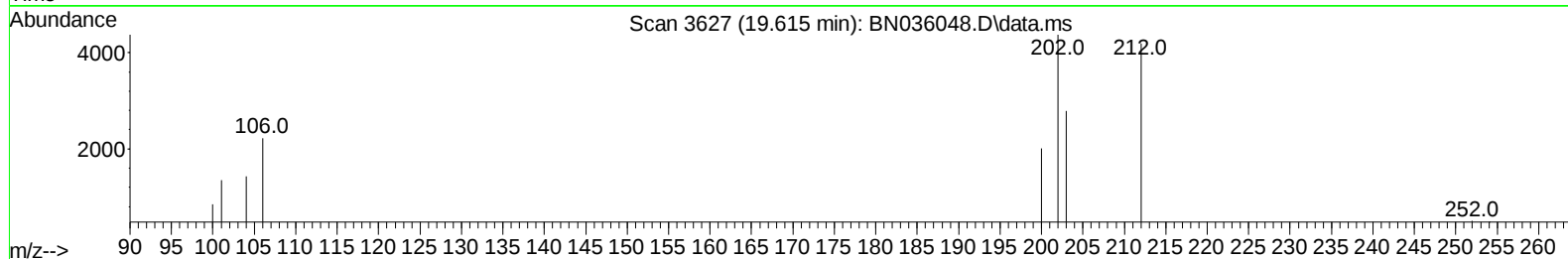
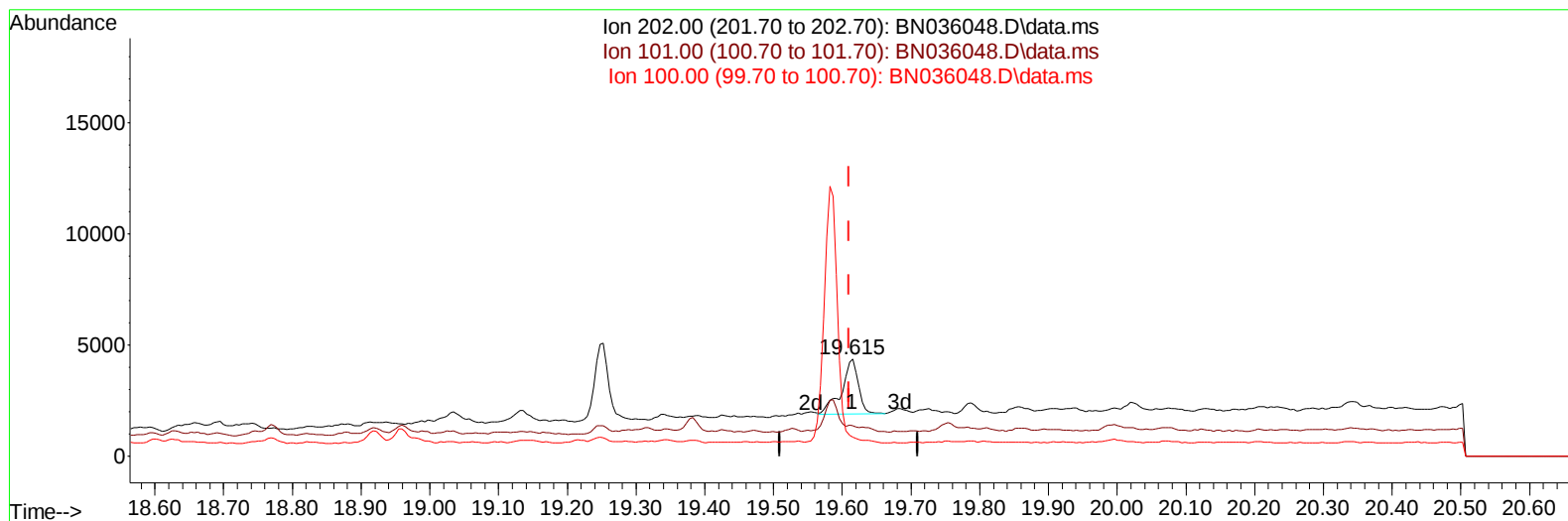
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012725\
Data File : BN036048.D
Acq On : 27 Jan 2025 22:01
Operator : RC/JU
Sample : Q1174-23
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2954

Manual IntegrationsAPPROVED

Quant Time: Jan 28 00:09:21 2025
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TIC: BN036048.D\data.ms

(20) Pyrene

19.615min (+ 0.005) 0.11 ng/u1

response 4067

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.60	30.92#
100.00	9.40	19.33#
0.00	0.00	0.00

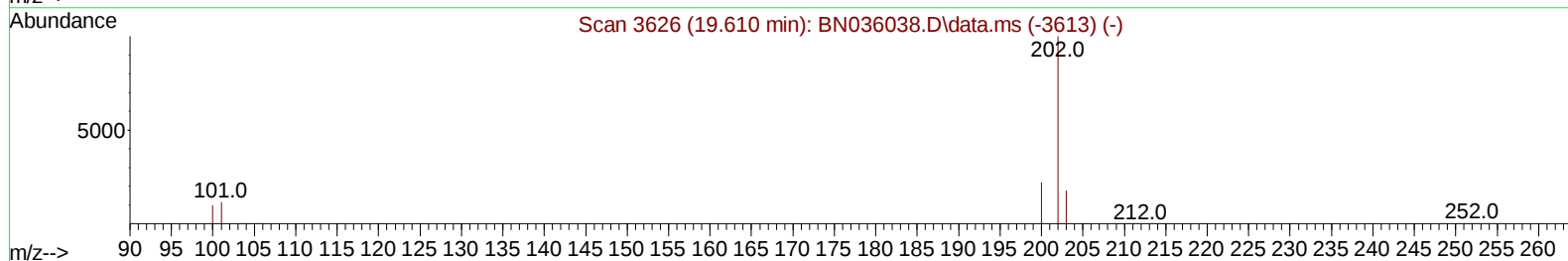
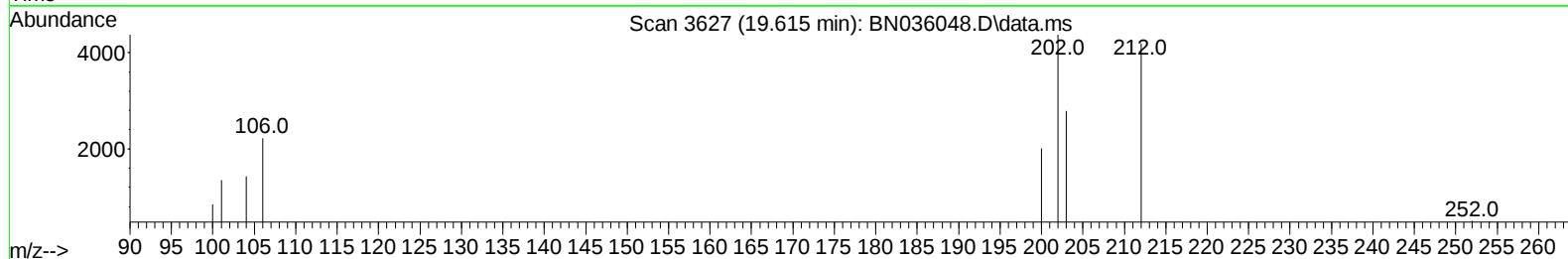
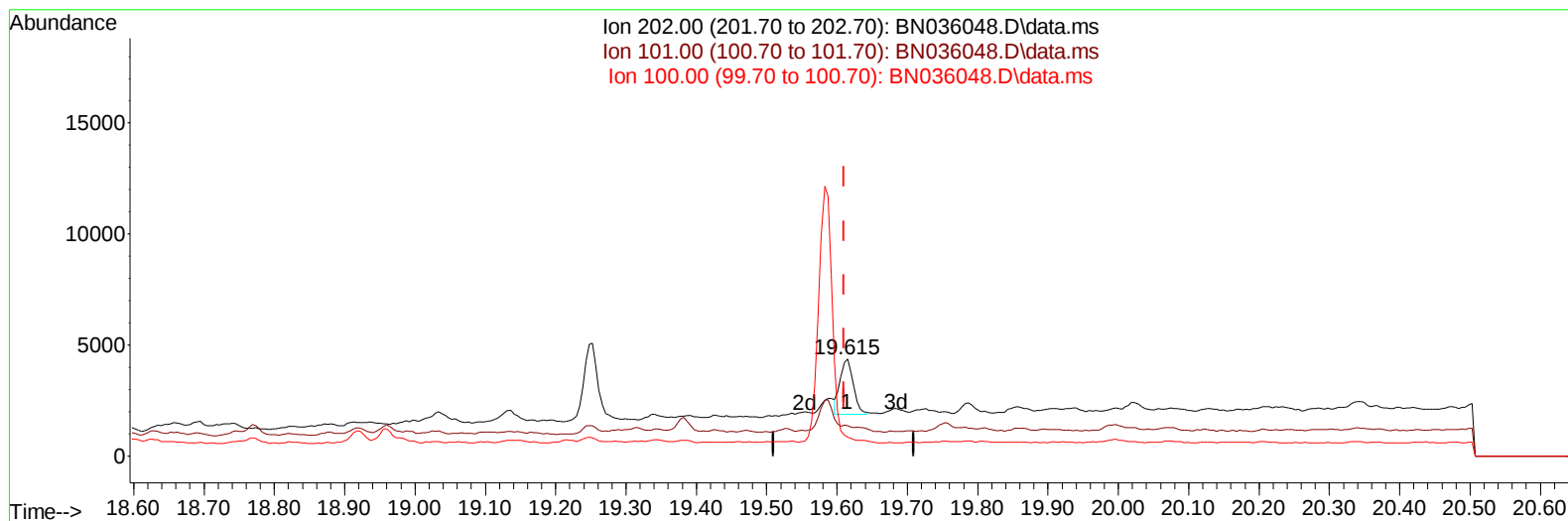
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012725\
Data File : BN036048.D
Acq On : 27 Jan 2025 22:01
Operator : RC/JU
Sample : Q1174-23
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2954

Manual IntegrationsAPPROVED

Quant Time: Jan 28 00:09:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
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TIC: BN036048.D\data.ms

(20) Pyrene

19.615min (+ 0.005) 0.09 ng/ul m

response 3227

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.60	30.92#
100.00	9.40	19.33#
0.00	0.00	0.00

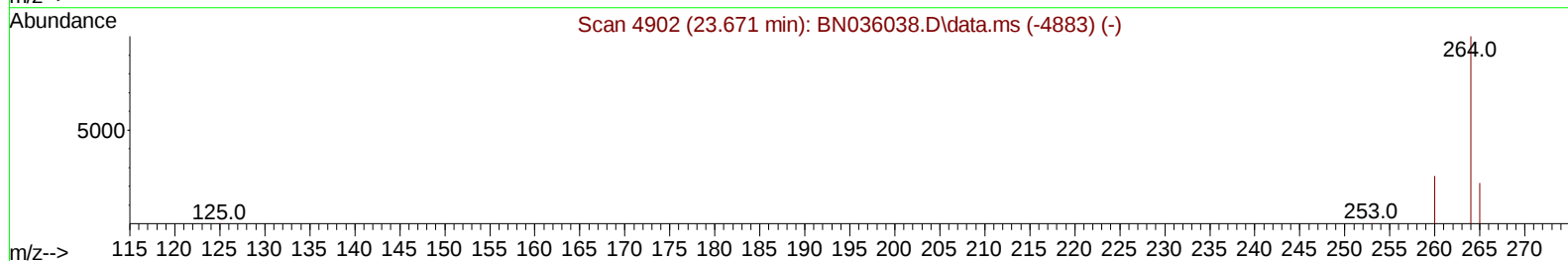
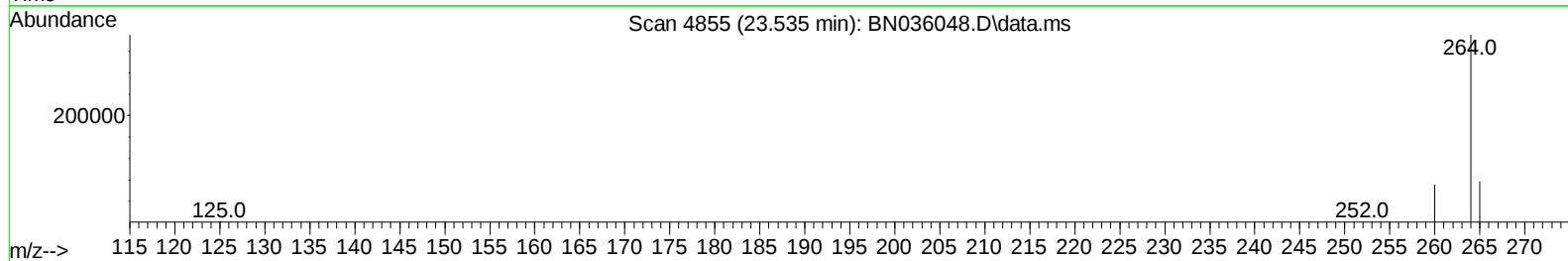
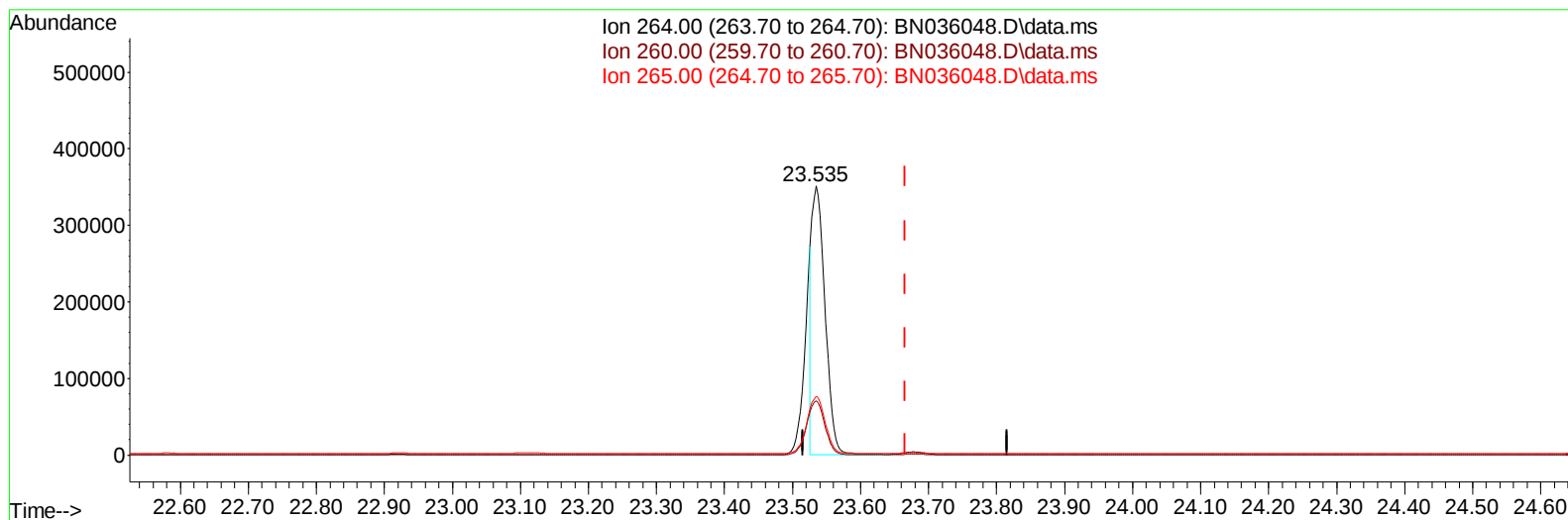
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012725\
Data File : BN036048.D
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Operator : RC/JU
Sample : Q1174-23
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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Quant Time: Jan 28 00:09:21 2025
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TIC: BN036048.D\data.ms

(23) Perylene-d12 (I)

23.535min (-0.131) 0.40 ng/u1

response 468026

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	20.24#
265.00	53.20	21.89#
0.00	0.00	0.00

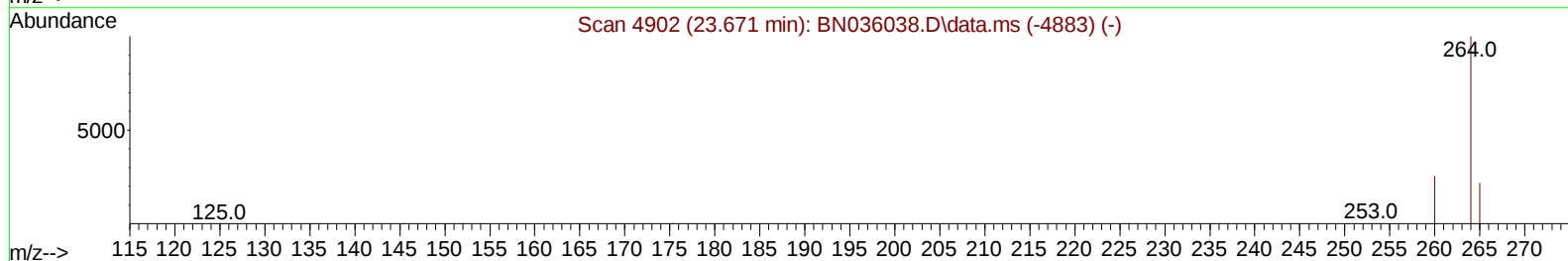
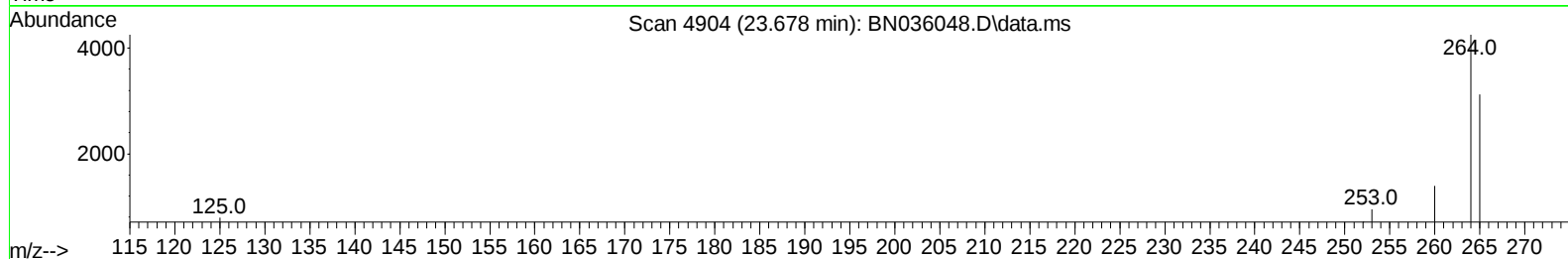
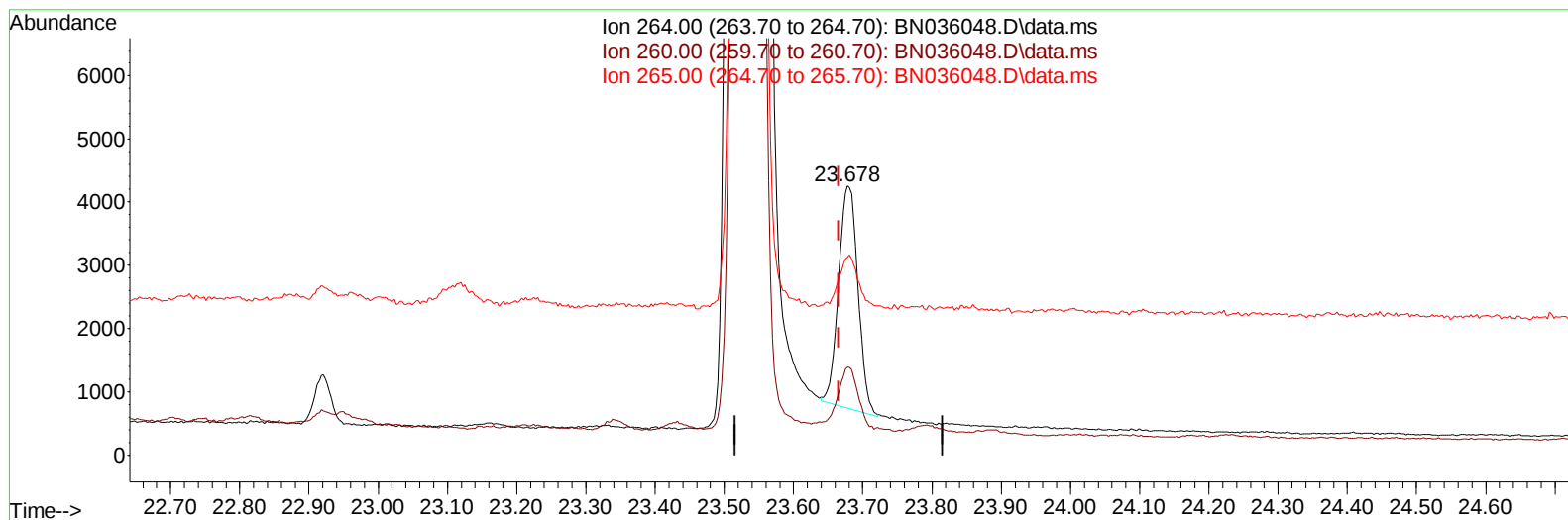
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012725\
Data File : BN036048.D
Acq On : 27 Jan 2025 22:01
Operator : RC/JU
Sample : Q1174-23
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2954

Manual IntegrationsAPPROVED

Quant Time: Jan 28 00:09:21 2025
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TIC: BN036048.D\data.ms

(23) Perylene-d12 (I)

23.678min (+ 0.012) 0.40 ng/ul m

response 6826

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	32.77#
265.00	53.20	73.35#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012725\
 Data File : BN036048.D
 Acq On : 27 Jan 2025 22:01
 Operator : RC/JU
 Sample : Q1174-23
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2954

Manual IntegrationsAPPROVED

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.812	152		2617	0.400	ng/ul	0.00
4) Naphthalene-d8	10.605	136		5915	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.450	164		4821m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188		8346m	0.400	ng/ul	0.00
17) Chrysene-d12	21.375	240		9560	0.400	ng/ul	# 0.00
23) Perylene-d12	23.678	264		6826m	0.400	ng/ul	0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.276	96		12219	4.264	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.194	152		3253	0.436	ng/ul	0.00
18) Fluoranthene-d10	19.220	212		7773	0.296	ng/ul	0.00
Target Compounds							
							Qvalue
2) 1,4-Dioxane	3.314	88		1315	0.430	ng/ul#	67
5) Naphthalene	10.655	128		58499	3.590	ng/ul	98
7) 2-Methylnaphthalene	12.271	142		26456	2.614	ng/ul	99
8) 1-Methylnaphthalene	12.491	142		40408	3.933	ng/ul	99
10) Acenaphthylene	14.168	152		3196	0.141	ng/ul#	73
11) Acenaphthene	14.510	153		7929	0.474	ng/ul	97
12) Fluorene	15.495	166		7529	0.408	ng/ul#	95
14) Pentachlorophenol	16.841	266		332	0.114	ng/ul	96
15) Phenanthrene	17.233	178		6440	0.264	ng/ul#	56
16) Anthracene	17.322	178		5426	0.239	ng/ul#	30
19) Fluoranthene	19.252	202		5413	0.149	ng/ul#	65
20) Pyrene	19.615	202		3227m	0.085	ng/ul	

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

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