

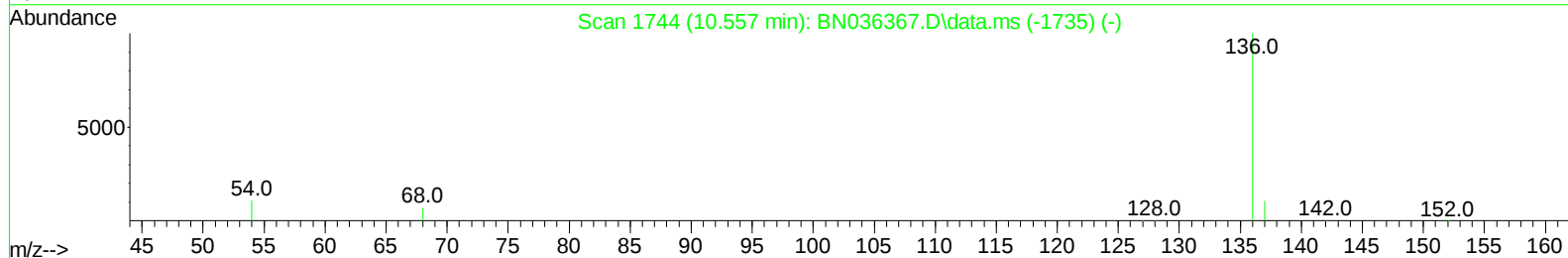
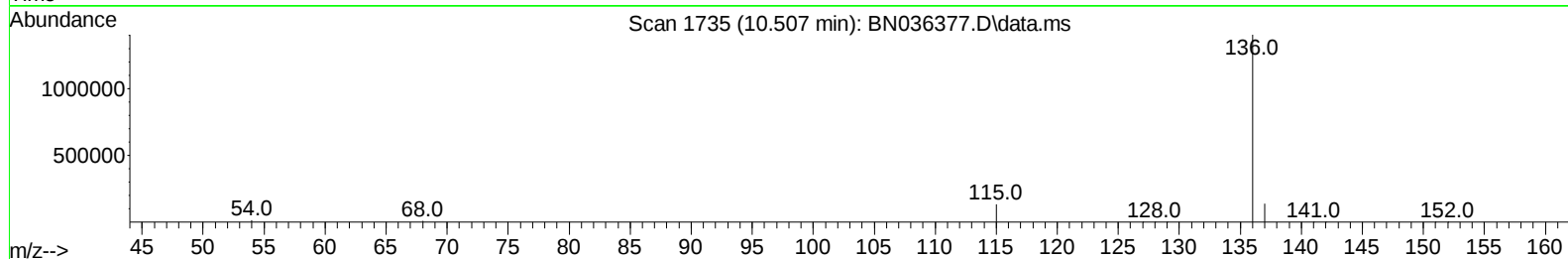
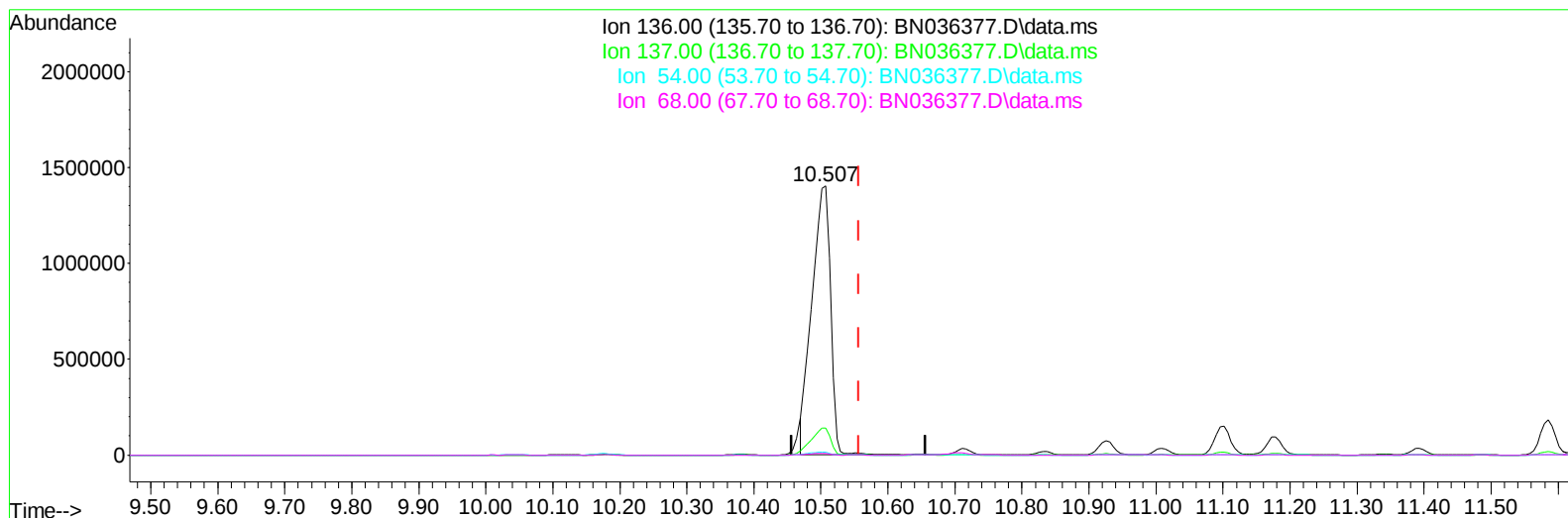
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036377.D
Acq On : 07 Feb 2025 17:23
Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29B5

Manual IntegrationsAPPROVED

Quant Time: Feb 11 12:10:21 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 : Fri Feb 07 11:25:57 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :Sohil Jodhani 02/18/2025



TIC: BN036377.D\data.ms

(4) Naphthalene-d8 (I)

10.507min (-0.049) 0.40 ng/u1

response 2720434

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	12.70	9.97#
54.00	12.80	1.06#
68.00	8.10	0.61#

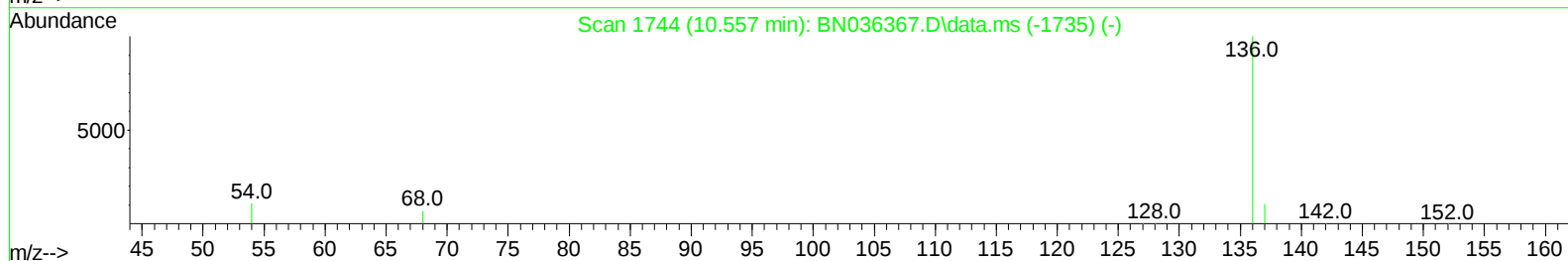
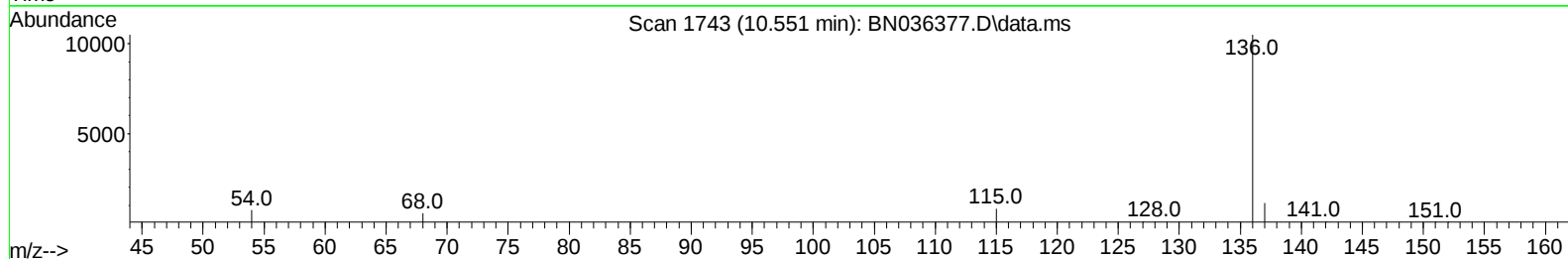
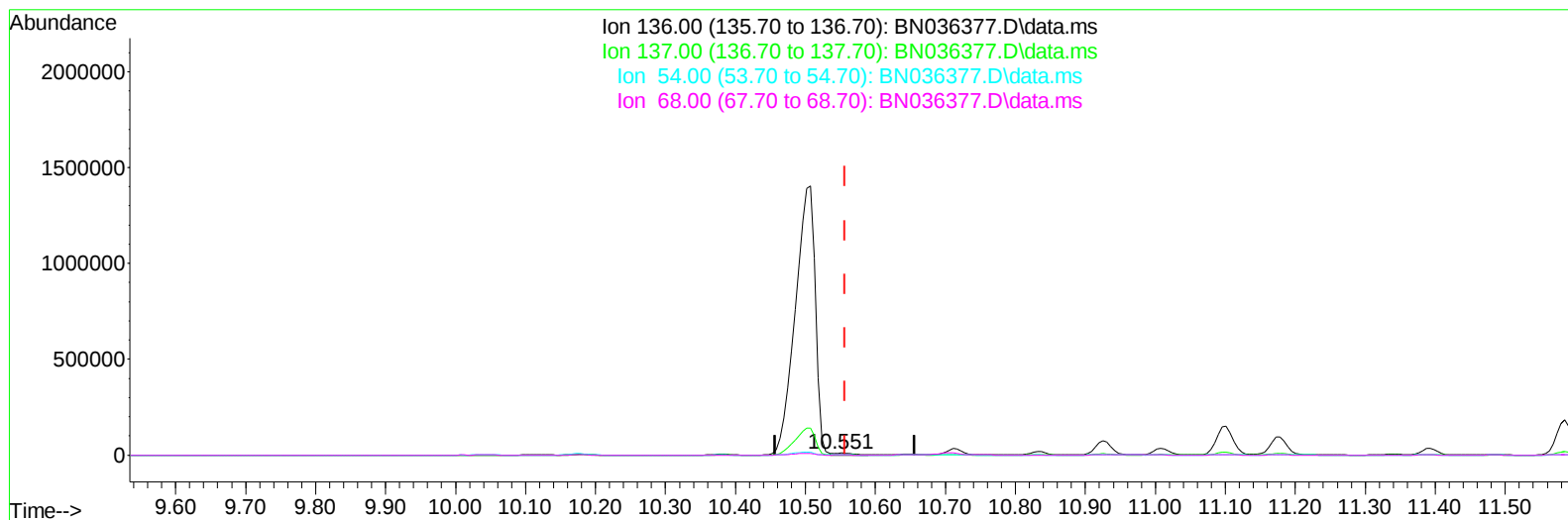
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036377.D
Acq On : 07 Feb 2025 17:23
Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :Sohil Jodhani 02/18/2025

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
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QLast Update : Fri Feb 07 11:25:57 2025
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TIC: BN036377.D\data.ms

(4) Naphthalene-d8 (I)**10.551min (-0.005) 0.40 ng/ul m****response 21150**

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	12.70	10.71
54.00	12.80	7.07#
68.00	8.10	5.34#

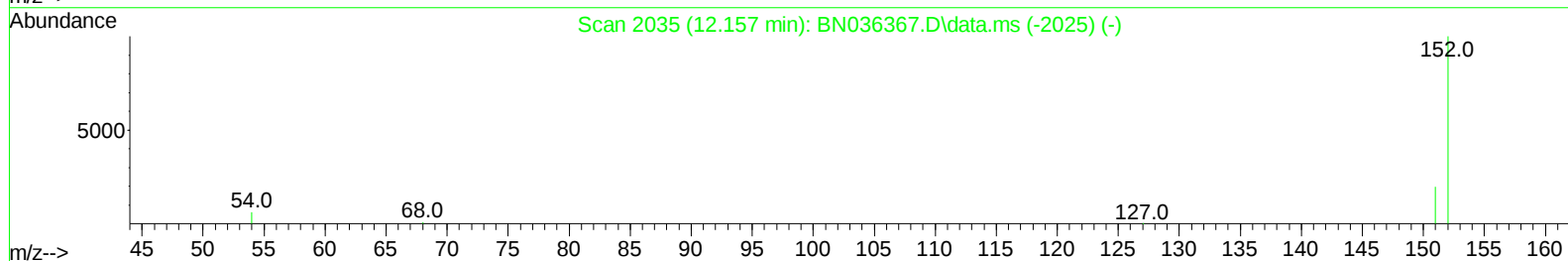
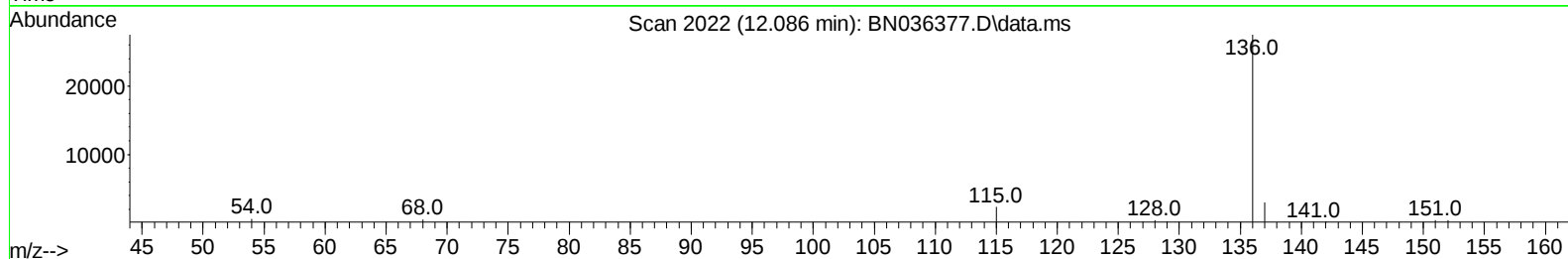
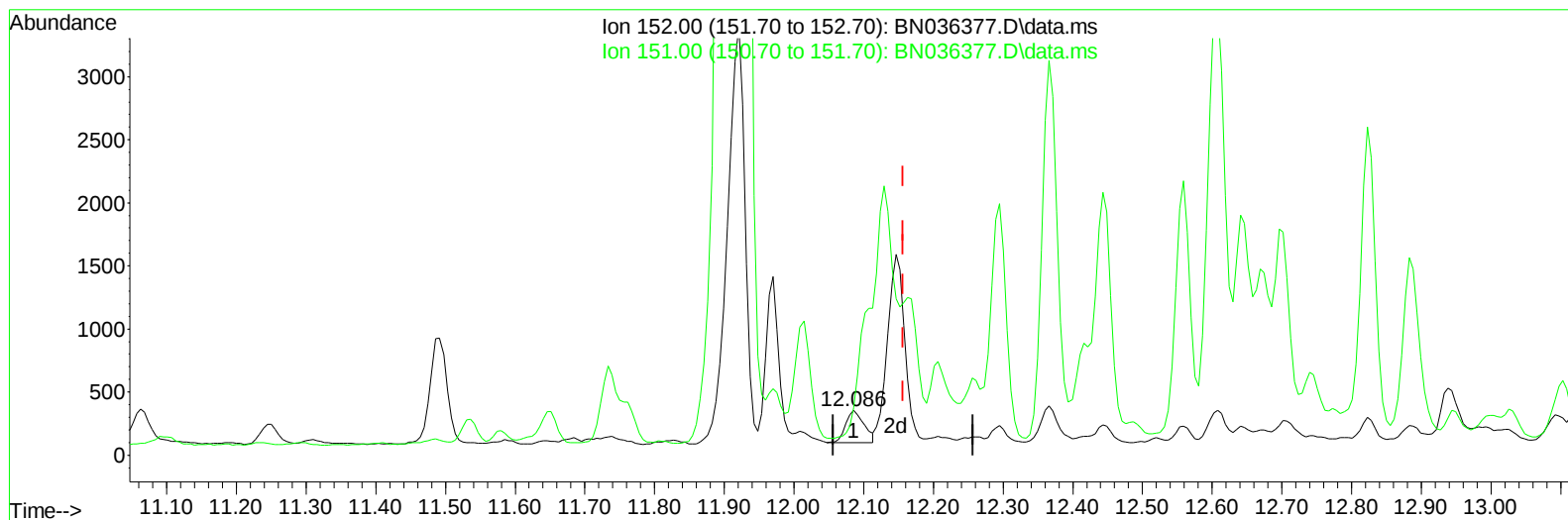
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036377.D
Acq On : 07 Feb 2025 17:23
Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29B5

Manual IntegrationsAPPROVED

Quant Time: Feb 11 12:10:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
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QLast Update : Fri Feb 07 11:25:57 2025
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TIC: BN036377.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.086min (-0.071) 0.02 ng/u1

response 463

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	21.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

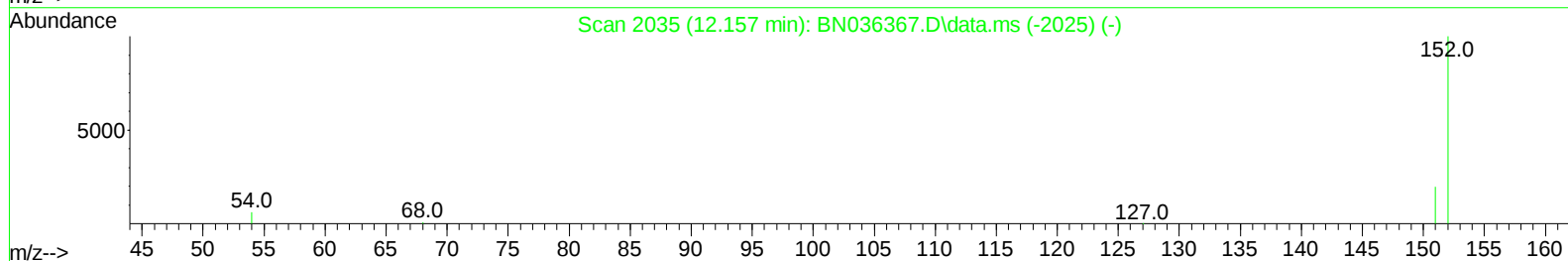
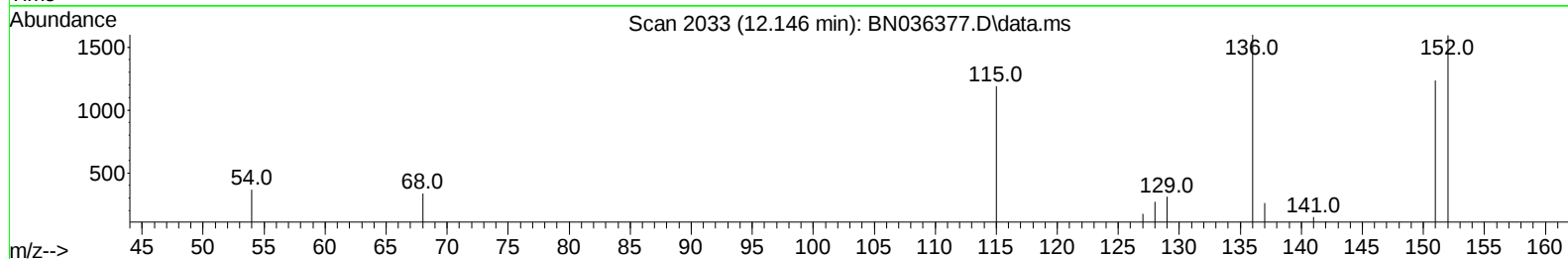
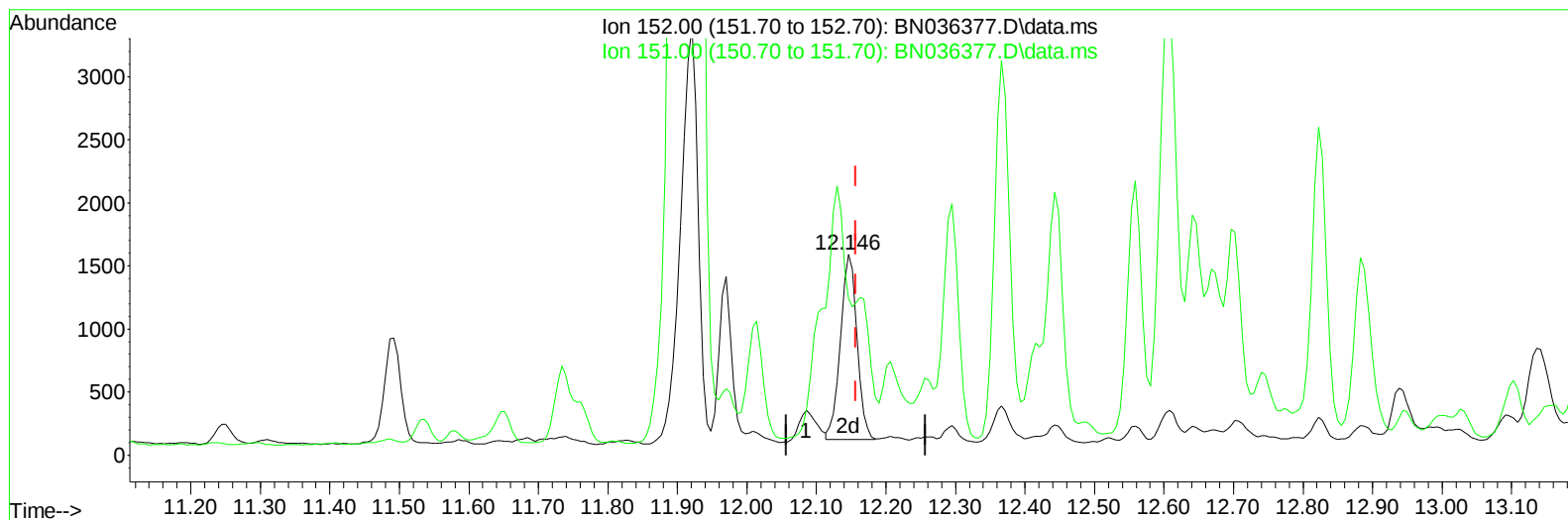
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036377.D
Acq On : 07 Feb 2025 17:23
Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29B5

Manual IntegrationsAPPROVED

Quant Time: Feb 11 12:10:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
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TIC: BN036377.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.146min (-0.011) 0.09 ng/ul m

response 2432

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	21.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

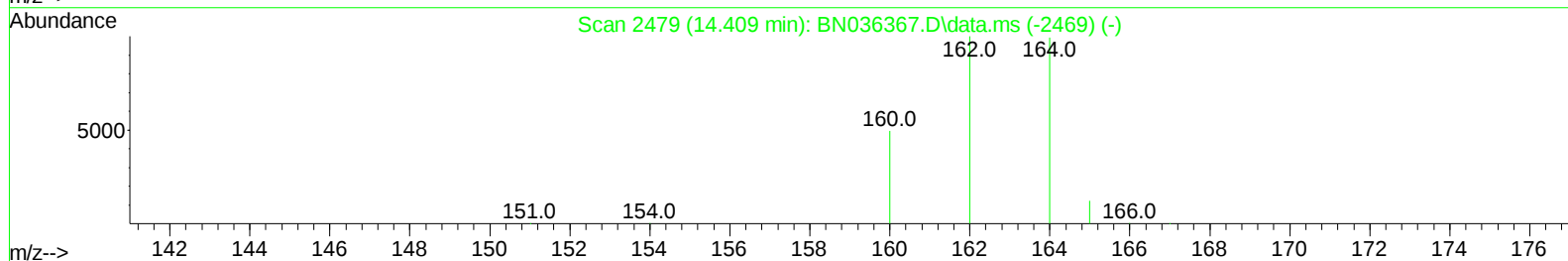
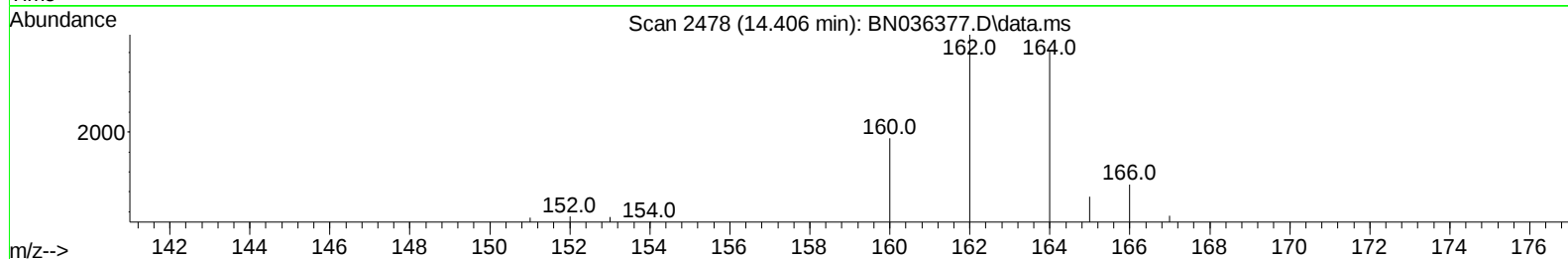
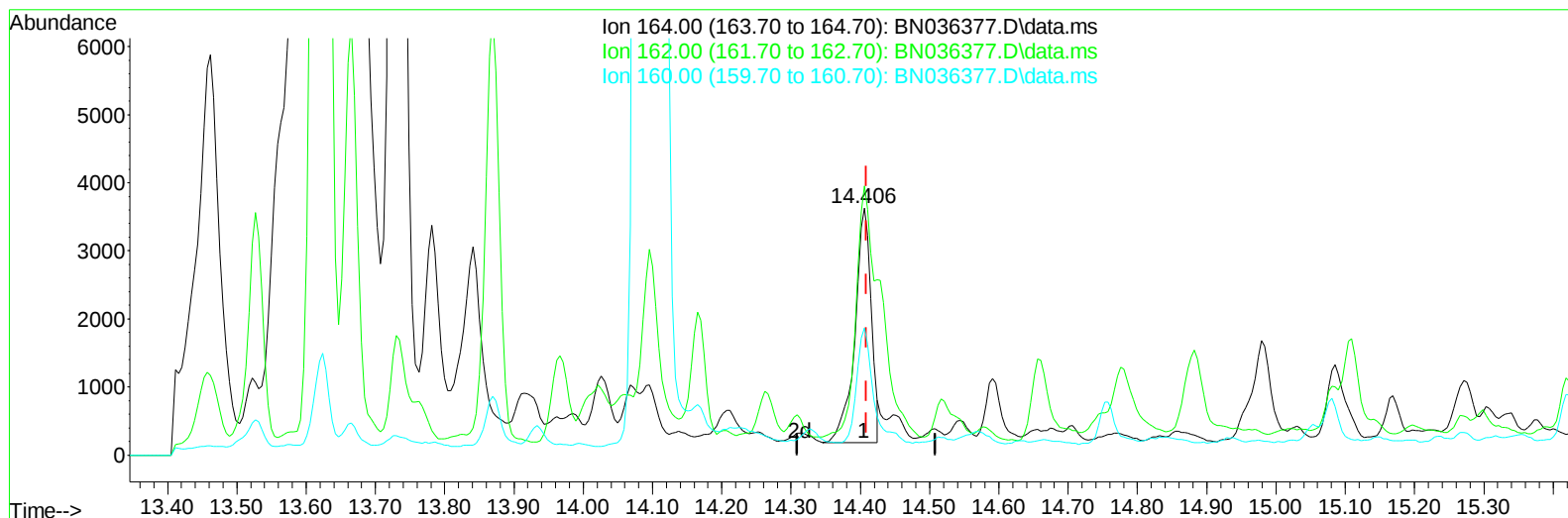
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036377.D
Acq On : 07 Feb 2025 17:23
Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29B5

Manual IntegrationsAPPROVED

Quant Time: Feb 11 12:10:21 2025
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TIC: BN036377.D\data.ms

(9) Acenaphthene-d10 (I)

14.406min (-0.004) 0.40 ng/u1

response 5672

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.40	108.79
160.00	54.60	51.56
0.00	0.00	0.00

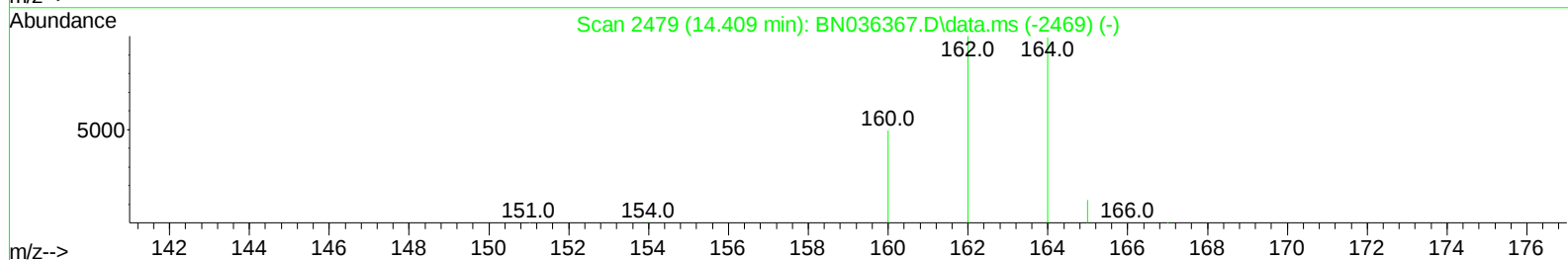
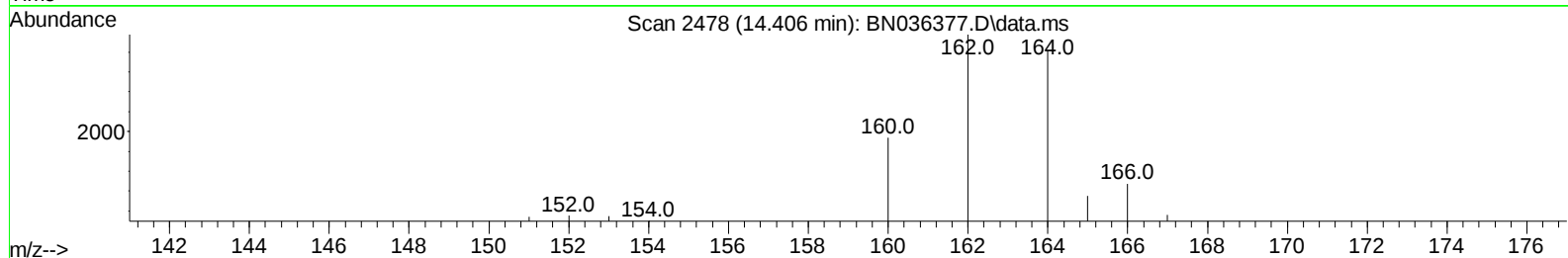
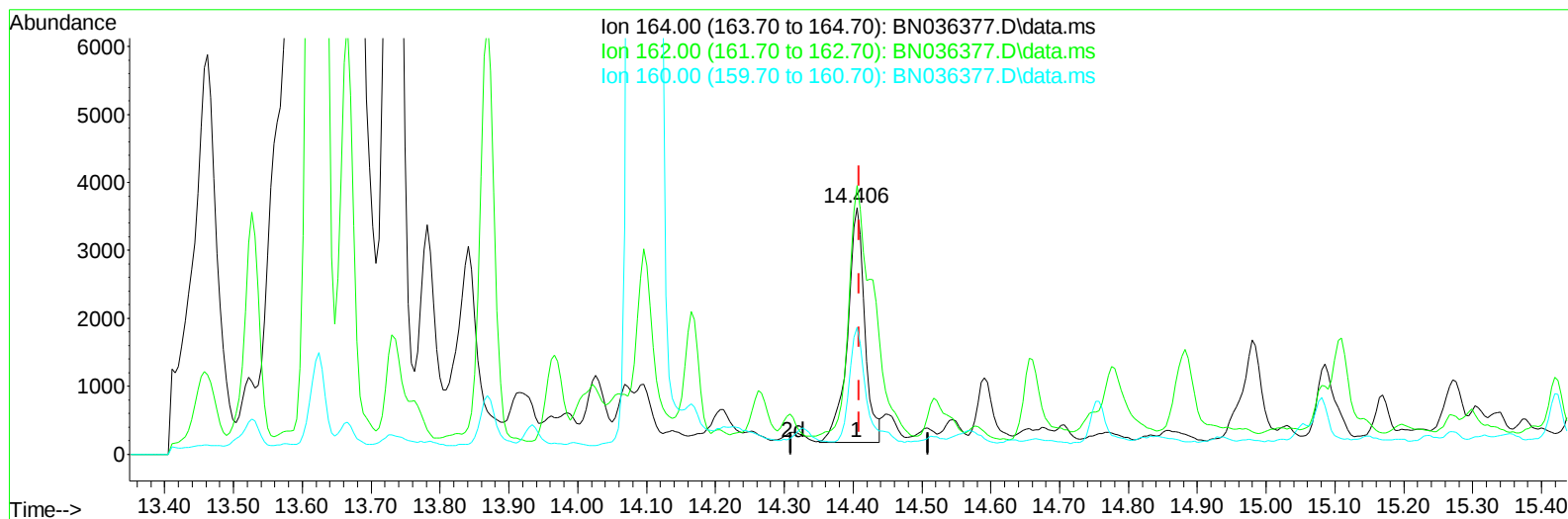
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036377.D
Acq On : 07 Feb 2025 17:23
Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29B5

Manual IntegrationsAPPROVED

Quant Time: Feb 11 12:10:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

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TIC: BN036377.D\data.ms

(9) Acenaphthene-d10 (I)

14.406min (-0.004) 0.40 ng/ul m

response 6050

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.40	108.79
160.00	54.60	51.56
0.00	0.00	0.00

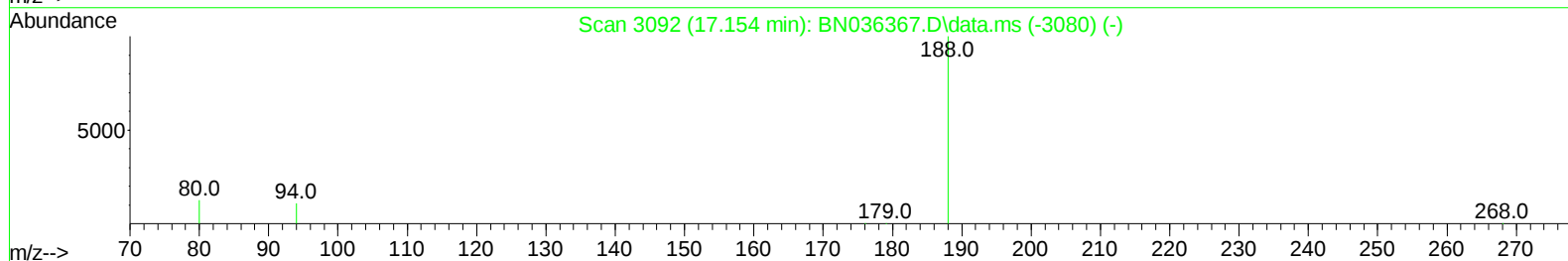
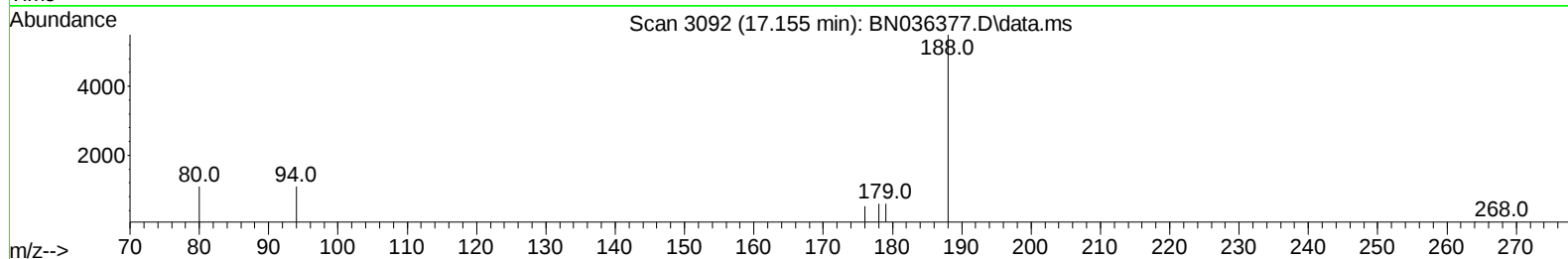
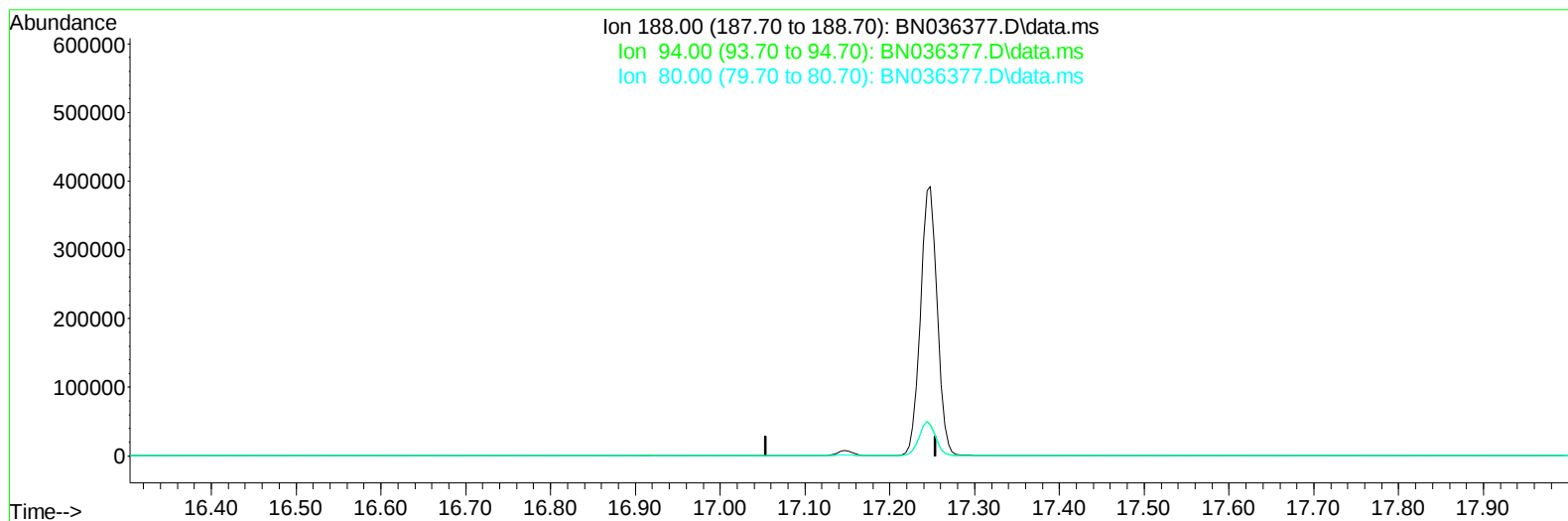
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036377.D
Acq On : 07 Feb 2025 17:23
Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29B5

Manual IntegrationsAPPROVED

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TIC: BN036377.D\data.ms

(13) Phenanthrene-d10 (I)

17.154min (-17.154) 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

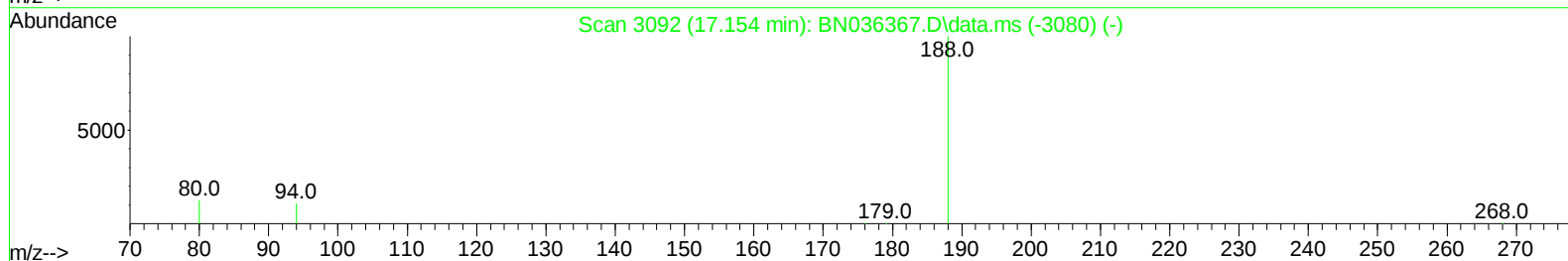
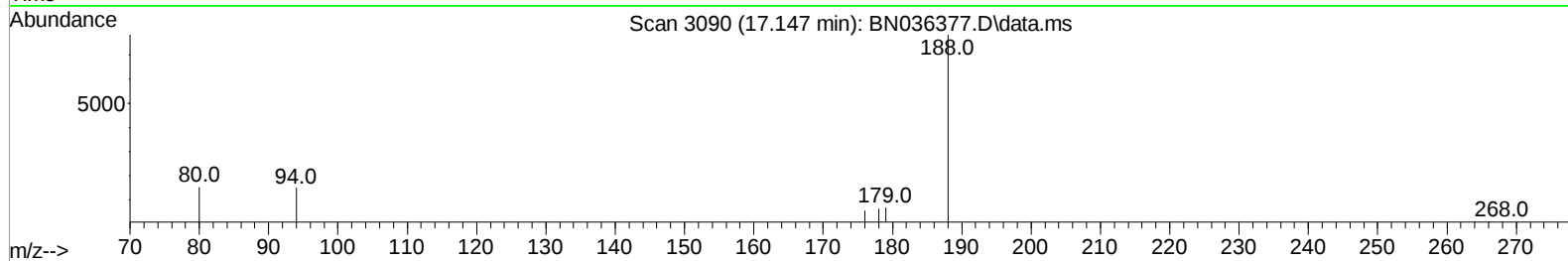
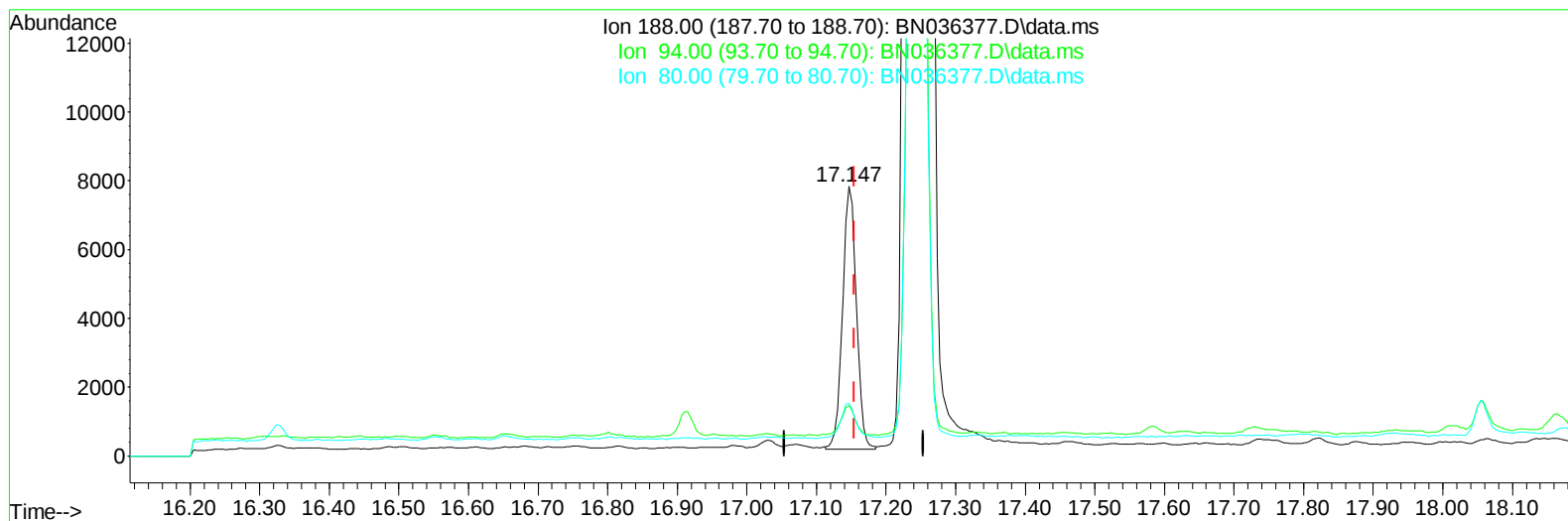
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036377.D
Acq On : 07 Feb 2025 17:23
Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29B5

Manual IntegrationsAPPROVED

Quant Time: Feb 11 12:10:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
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TIC: BN036377.D\data.ms

(13) Phenanthrene-d10 (I)

17.147min (-0.007) 0.40 ng/ul m

response 10573

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	18.87#
80.00	10.90	19.46#
0.00	0.00	0.00

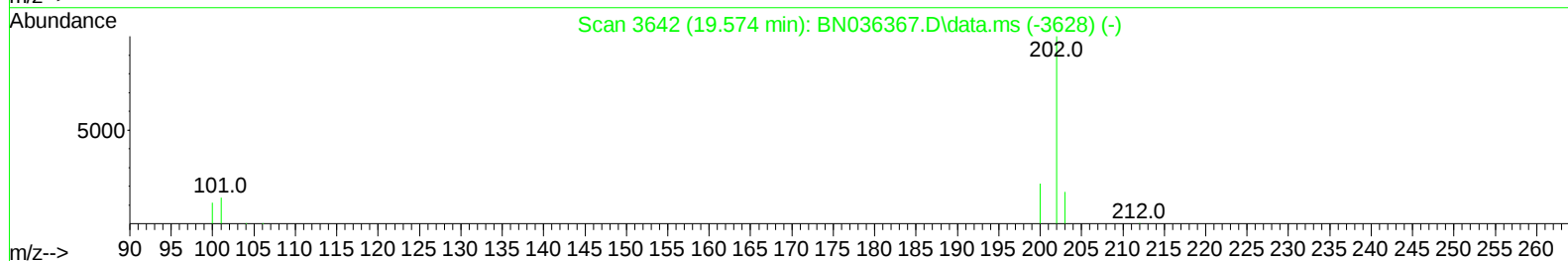
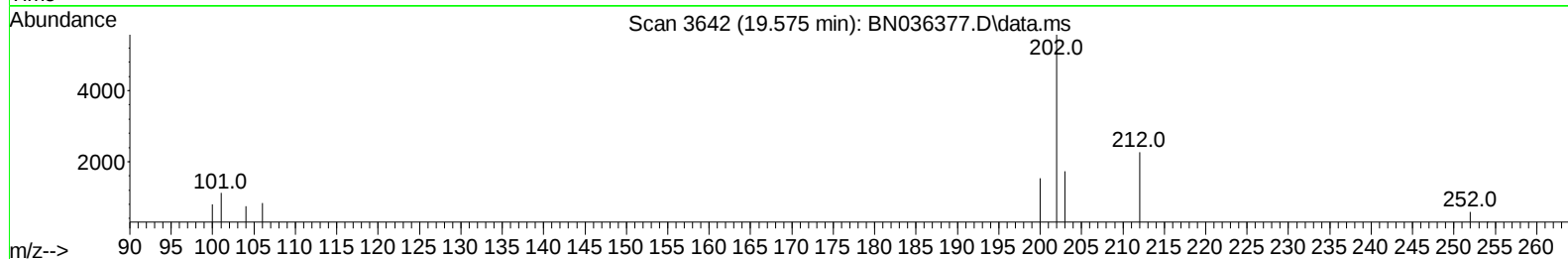
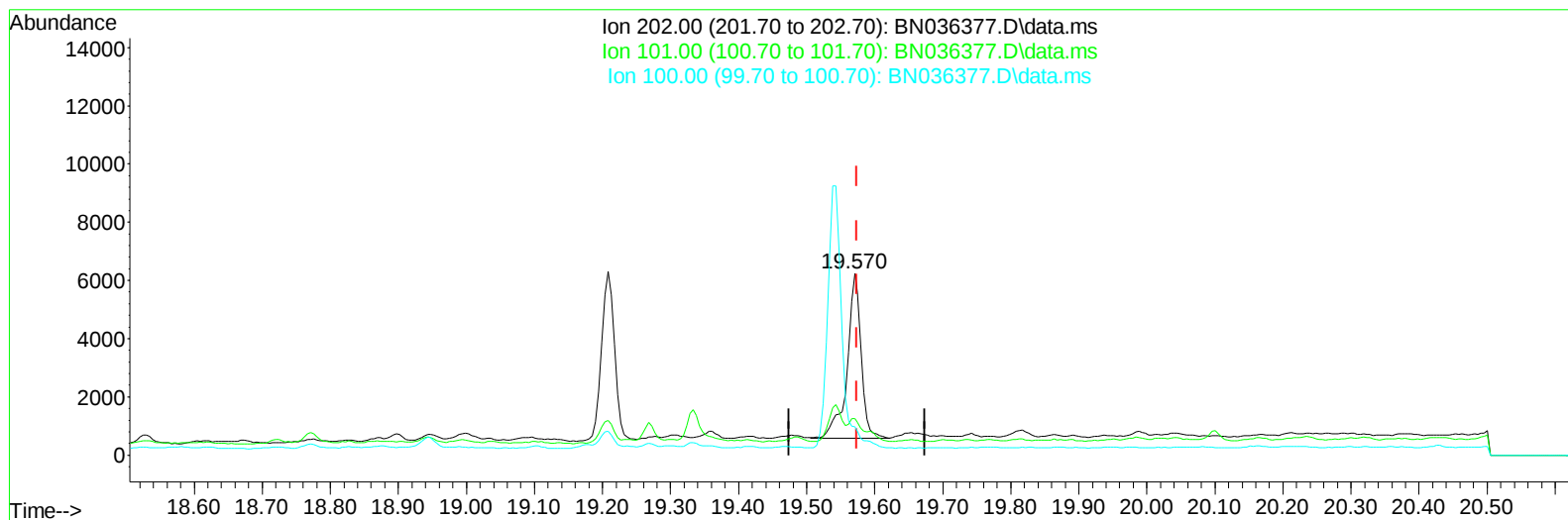
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036377.D
Acq On : 07 Feb 2025 17:23
Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29B5

Manual IntegrationsAPPROVED

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TIC: BN036377.D\data.ms

(20) Pyrene

19.570min (-0.004) 0.20 ng/u1

response 8295

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.60	19.99#
100.00	9.40	15.73#
0.00	0.00	0.00

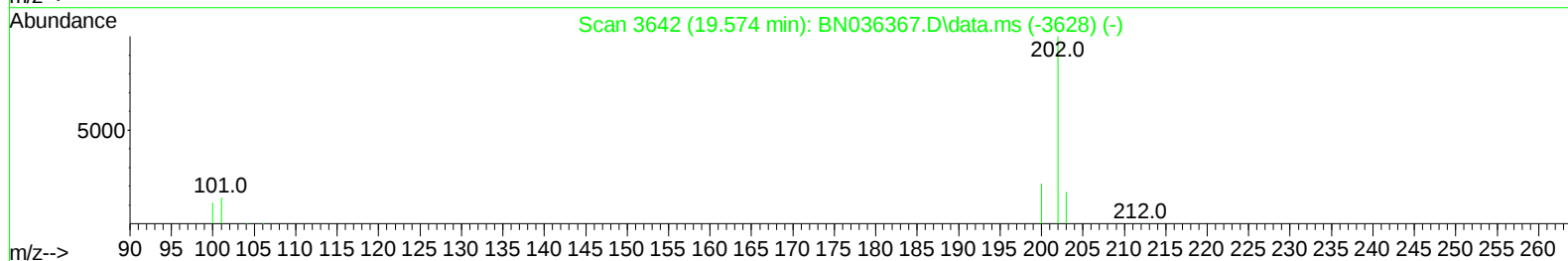
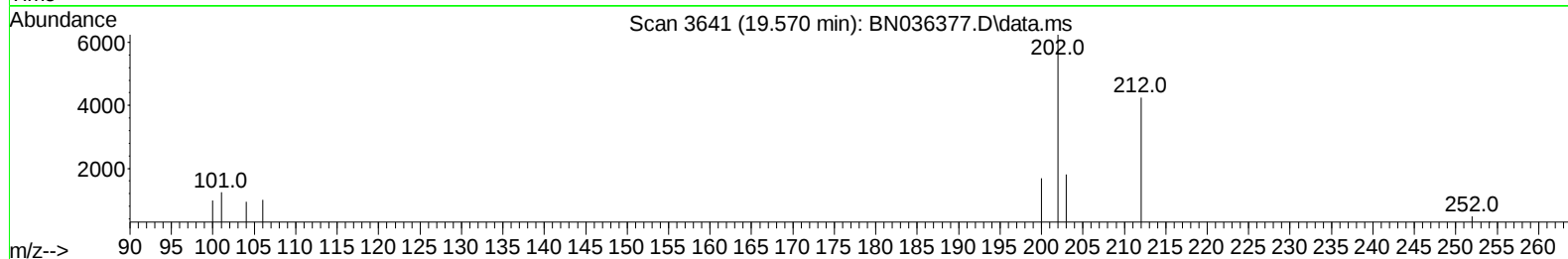
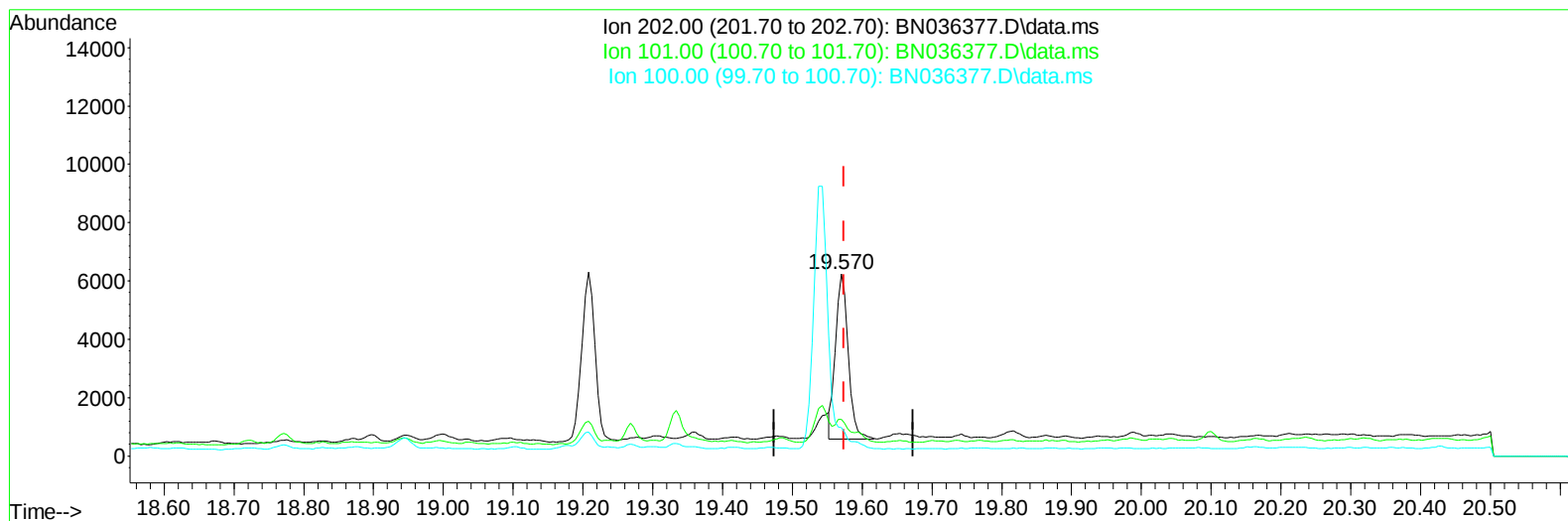
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036377.D
Acq On : 07 Feb 2025 17:23
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Sample : Q1229-11
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Feb 11 12:10:21 2025
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TIC: BN036377.D\data.ms

(20) Pyrene

19.570min (-0.004) 0.17 ng/ul m

response 7288

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.60	19.99#
100.00	9.40	15.73#
0.00	0.00	0.00

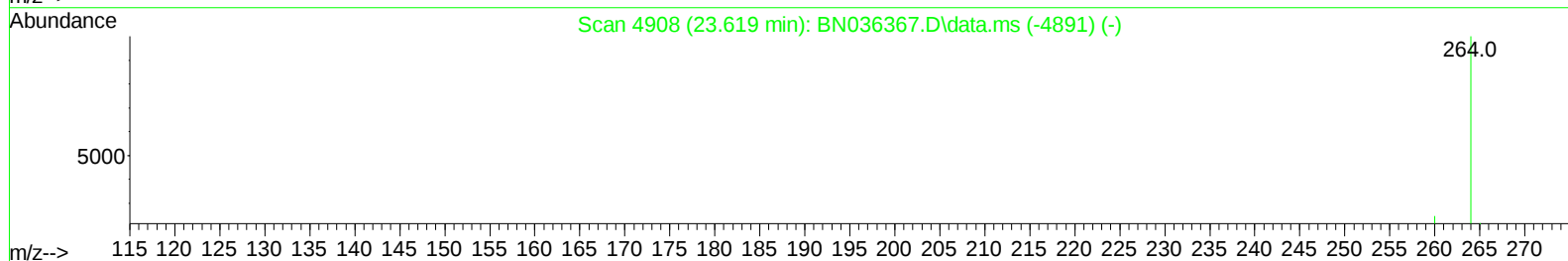
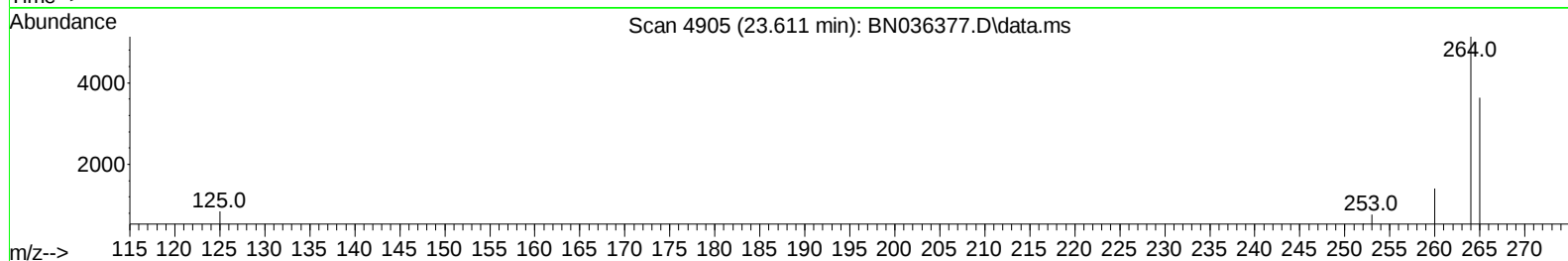
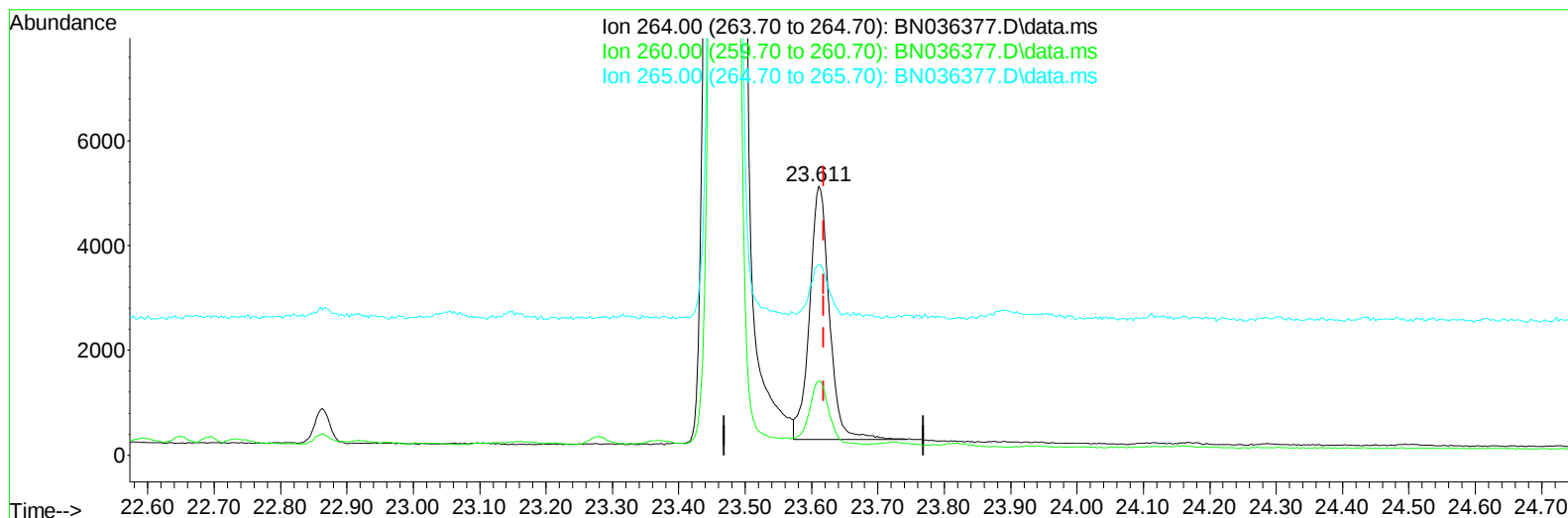
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
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TIC: BN036377.D\data.ms

(23) Perylene-d12 (I)

23.611min (-0.008) 0.40 ng/u1

response 10035

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	27.52
265.00	53.20	70.78#
0.00	0.00	0.00

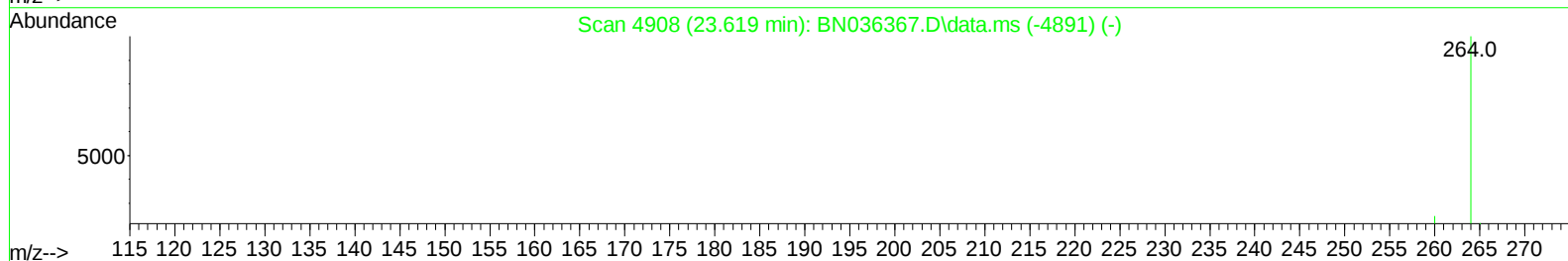
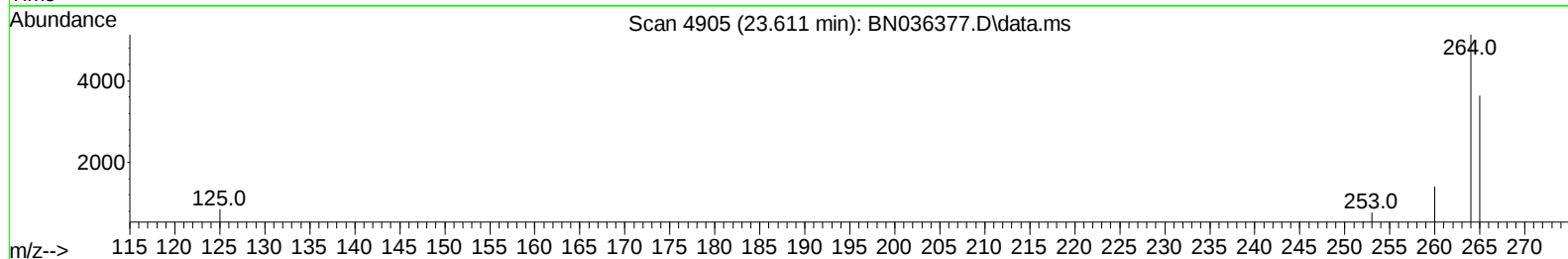
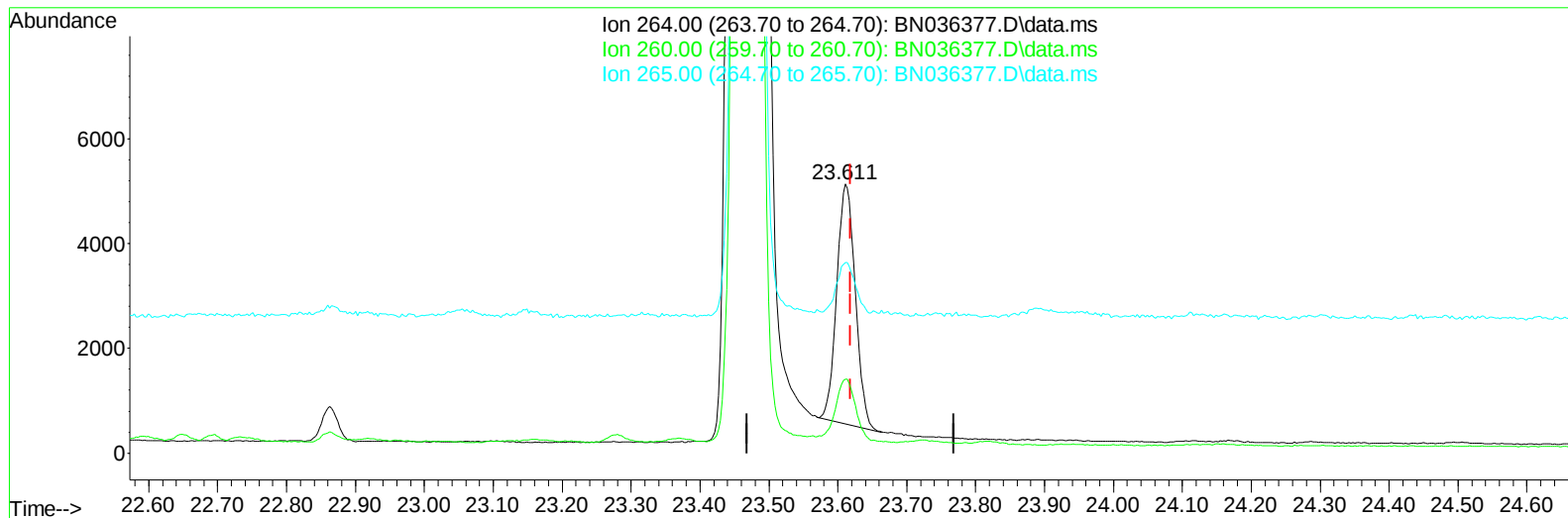
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036377.D
Acq On : 07 Feb 2025 17:23
Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN036377.D\data.ms

(23) Perylene-d12 (I)

23.611min (-0.008) 0.40 ng/u1 m

response 8563

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	27.52
265.00	53.20	70.78#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
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Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.766	152	3000	0.400	ng/ul	0.00
4) Naphthalene-d8	10.551	136	21150m	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.406	164	6050m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.147	188	10573m	0.400	ng/ul	0.00
17) Chrysene-d12	21.337	240	10657	0.400	ng/ul	# 0.00
23) Perylene-d12	23.611	264	8563m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	13532	4.120	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.146	152	2432m	0.091	ng/ul	-0.01
18) Fluoranthene-d10	19.180	212	6714	0.229	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.601	128	9539	0.164	ng/ul	99
7) 2-Methylnaphthalene	12.218	142	2761	0.076	ng/ul	93
8) 1-Methylnaphthalene	12.443	142	4804	0.131	ng/ul	100
11) Acenaphthene	14.470	153	5656	0.269	ng/ul#	82
12) Fluorene	15.456	166	3836	0.165	ng/ul#	82
14) Pentachlorophenol	16.801	266	5125	1.384	ng/ul	100
15) Phenanthrene	17.189	178	11399	0.368	ng/ul#	92
16) Anthracene	17.278	178	4114	0.143	ng/ul#	59
19) Fluoranthene	19.208	202	7863	0.194	ng/ul#	81
20) Pyrene	19.570	202	7288m	0.172	ng/ul	
21) Benzo(a)anthracene	21.319	228	2318	0.061	ng/ul#	45
22) Chrysene	21.372	228	2990	0.077	ng/ul#	46
24) Benzo(b)fluoranthene	22.927	252	2093	0.073	ng/ul#	1
25) Benzo(k)fluoranthene	22.968	252	630	0.021	ng/ul#	1
26) Benzo(a)pyrene	23.511	252	1318	0.051	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.924	276	855	0.025	ng/ul#	96
29) Benzo(g,h,i)perylene	26.625	276	1082	0.041	ng/ul#	49

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036377.D
Acq On : 07 Feb 2025 17:23
Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29B5

Manual IntegrationsAPPROVED

Quant Time: Feb 11 12:10:21 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 : Fri Feb 07 11:25:57 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :Sohil Jodhani 02/18/2025

