

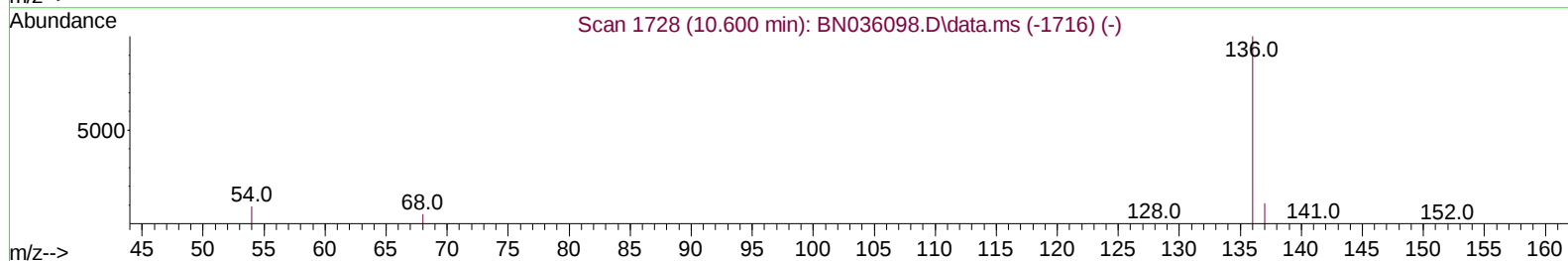
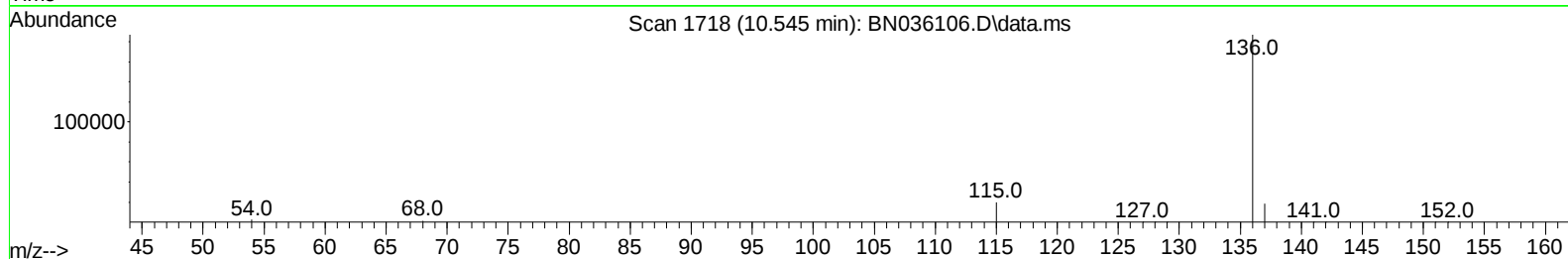
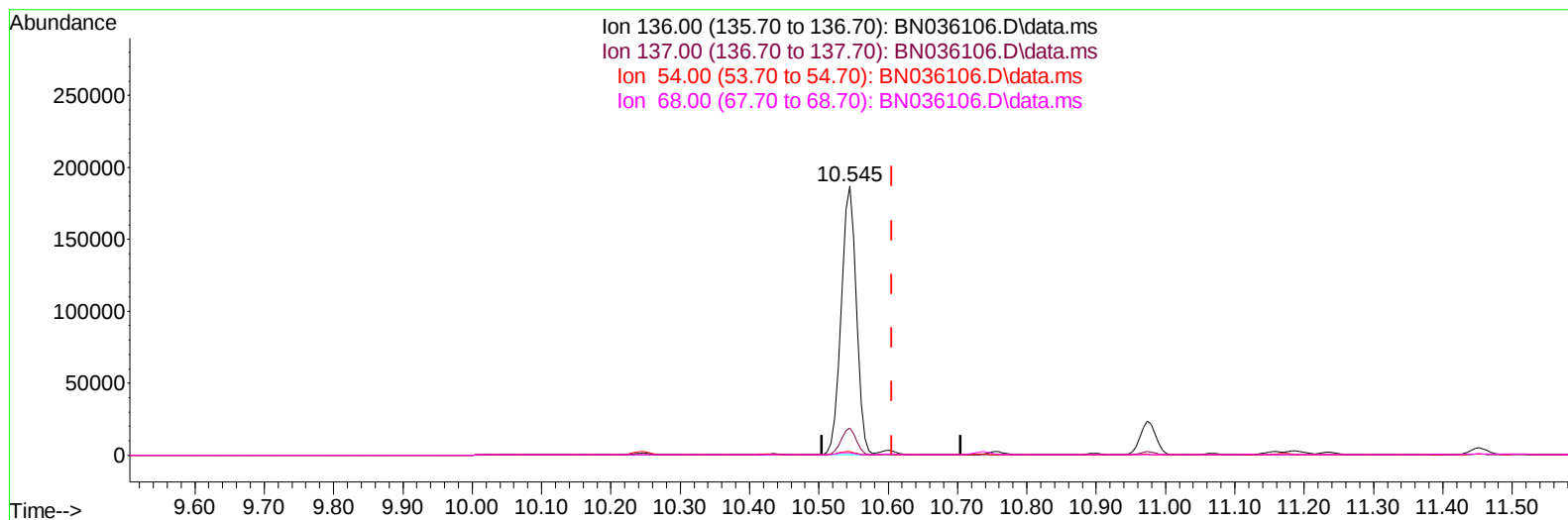
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036106.D
Acq On : 29 Jan 2025 11:55
Operator : RC/JU
Sample : Q1184-12DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2963DL

Manual IntegrationsAPPROVED

Quant Time: Jan 29 12:32:59 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: BN036106.D\data.ms

(4) Naphthalene-d8 (I)

10.545min (-0.061) 0.40 ng/ul

response 282877

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	12.70	10.00#
54.00	12.80	1.30#
68.00	8.10	0.86#

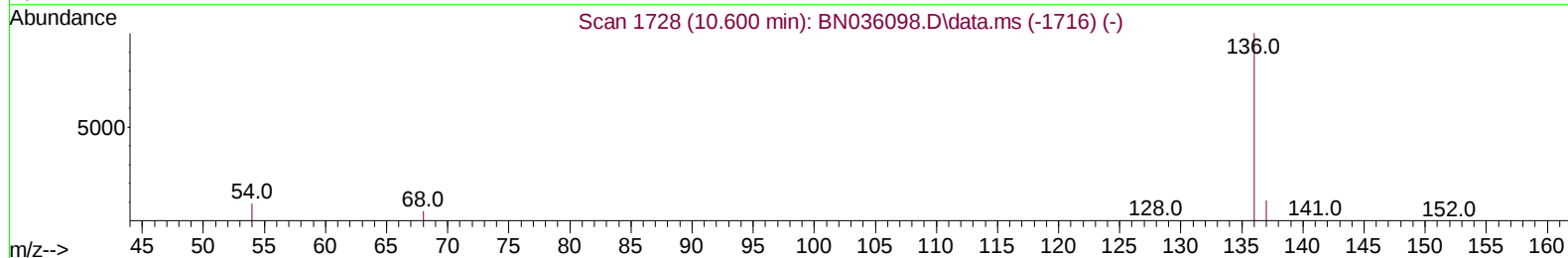
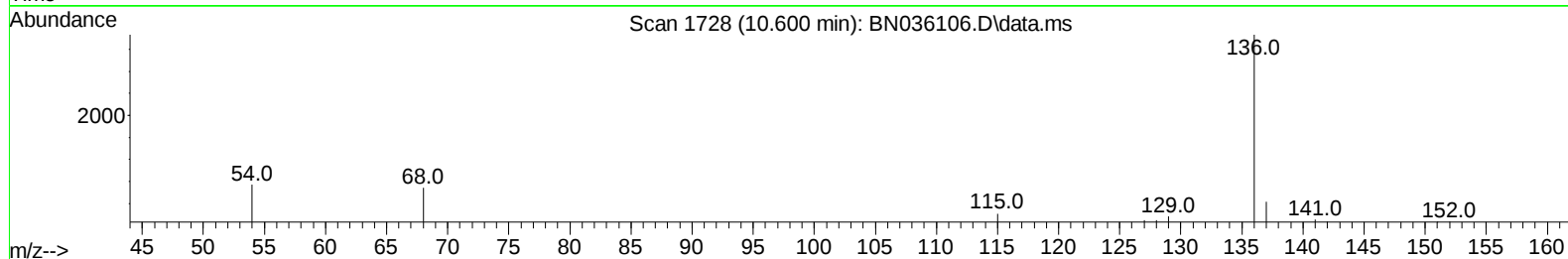
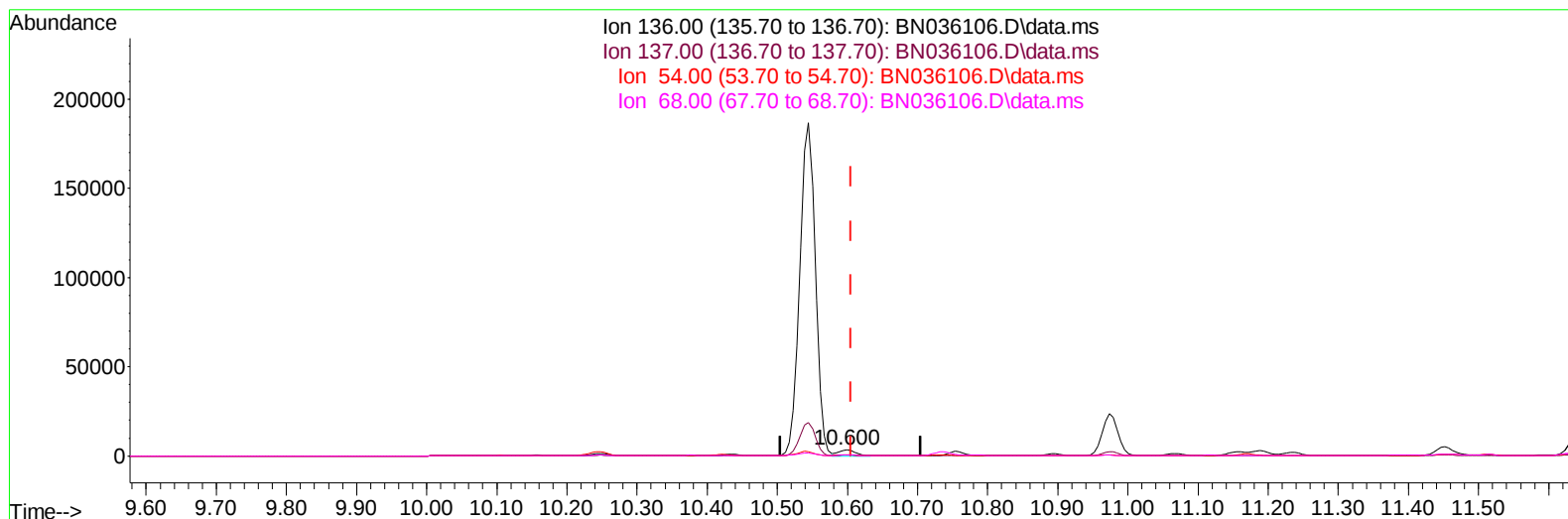
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Data File : BN036106.D
Acq On : 29 Jan 2025 11:55
Operator : RC/JU
Sample : Q1184-12DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2963DL

Manual IntegrationsAPPROVED

Quant Time: Jan 29 12:32:59 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: BN036106.D\data.ms

(4) Naphthalene-d8 (I)

10.600min (-0.006) 0.40 ng/ul m

response 5904

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	12.70	12.46
54.00	12.80	21.31#
68.00	8.10	19.61#

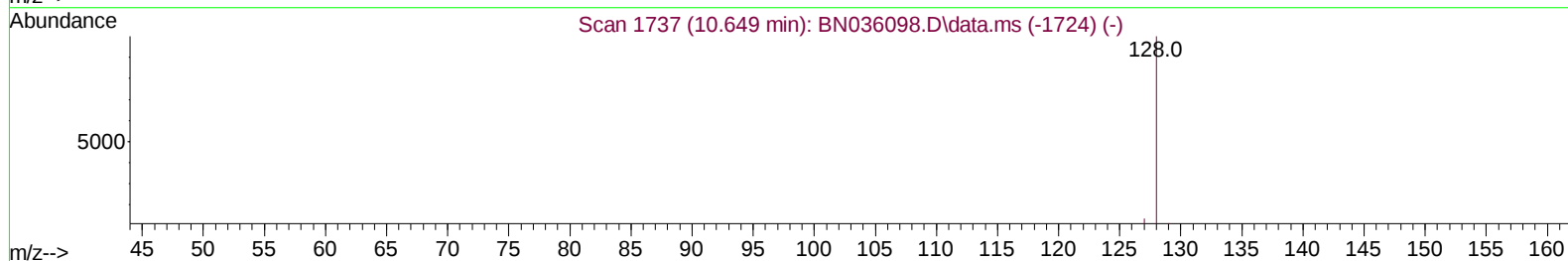
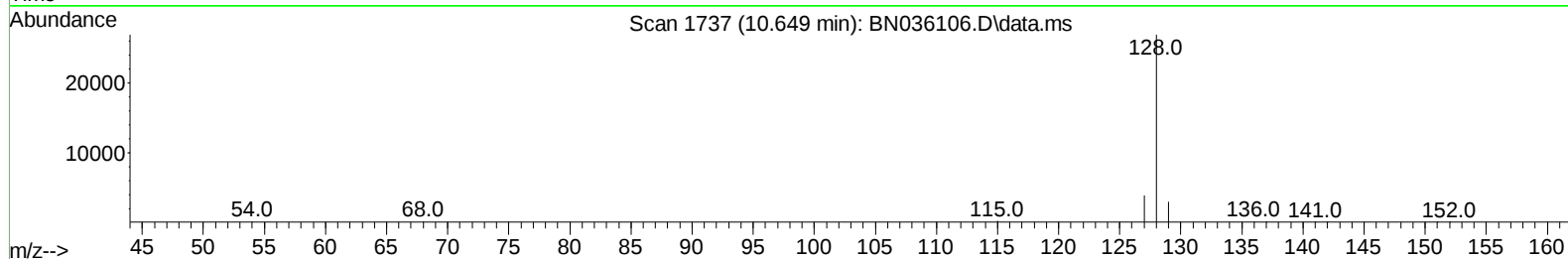
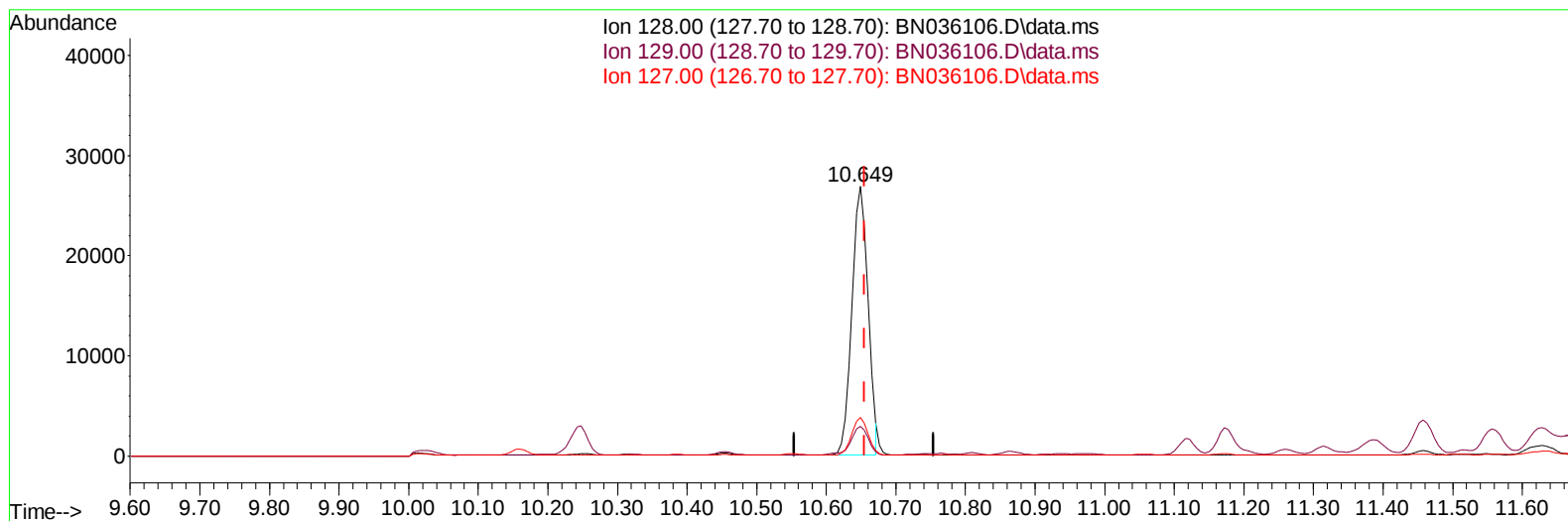
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Data File : BN036106.D
Acq On : 29 Jan 2025 11:55
Operator : RC/JU
Sample : Q1184-12DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2963DL

Manual IntegrationsAPPROVED

Quant Time: Jan 29 12:32:59 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: BN036106.D\data.ms

(5) Naphthalene

10.649min (-0.006) 2.67 ng/u1

response 43346

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	12.00	11.04
127.00	15.00	14.28
0.00	0.00	0.00

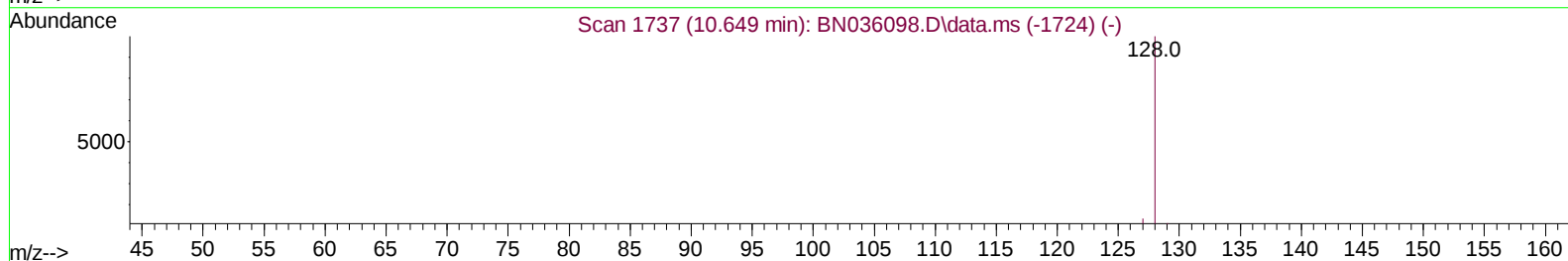
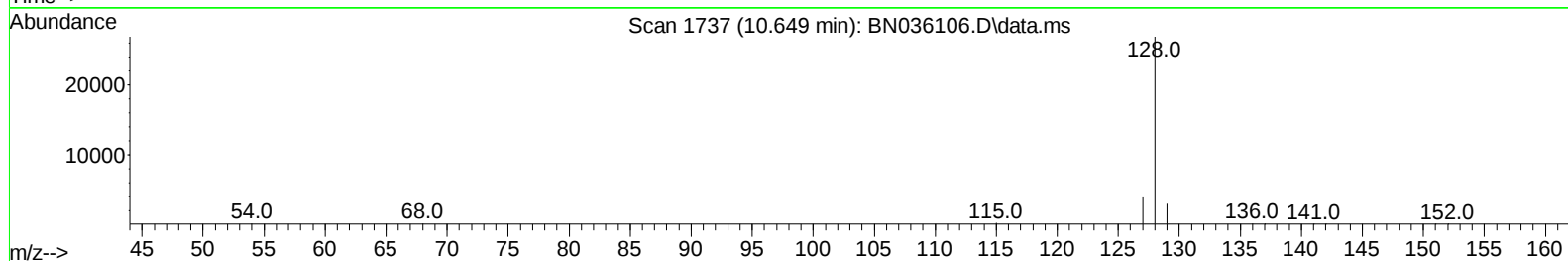
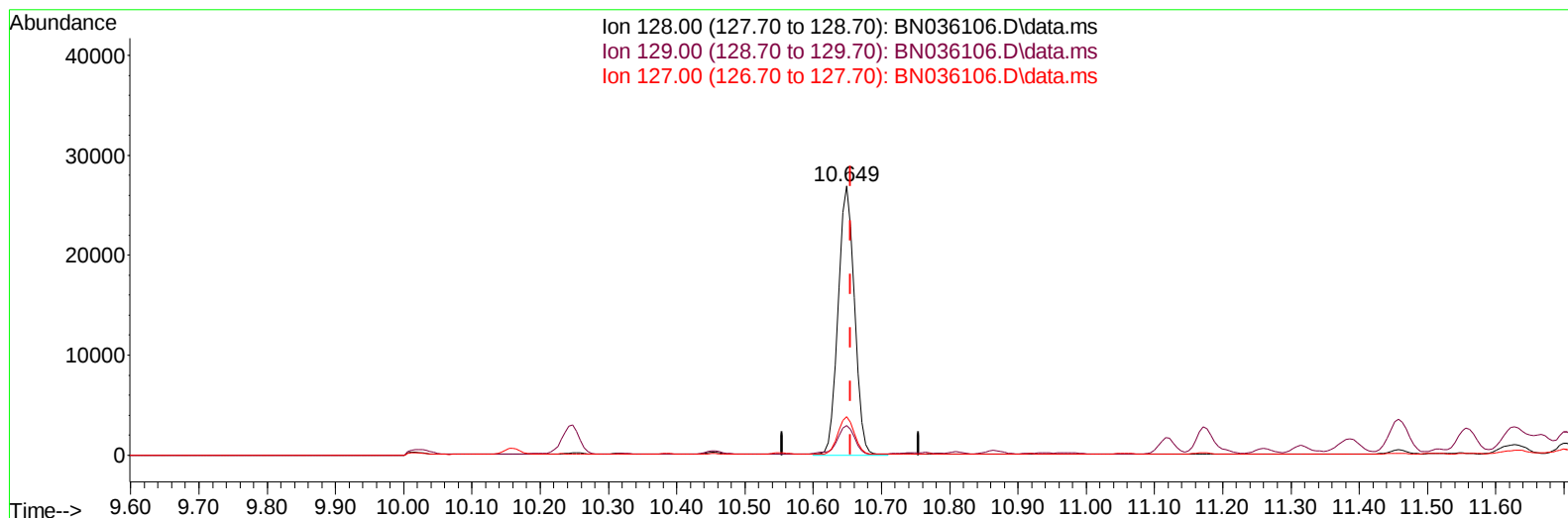
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036106.D
Acq On : 29 Jan 2025 11:55
Operator : RC/JU
Sample : Q1184-12DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2963DL

Manual IntegrationsAPPROVED

Quant Time: Jan 29 12:32:59 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

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TIC: BN036106.D\data.ms

(5) Naphthalene

10.649min (-0.006) 2.73 ng/u1 m

response 44389

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	12.00	11.04
127.00	15.00	14.28
0.00	0.00	0.00

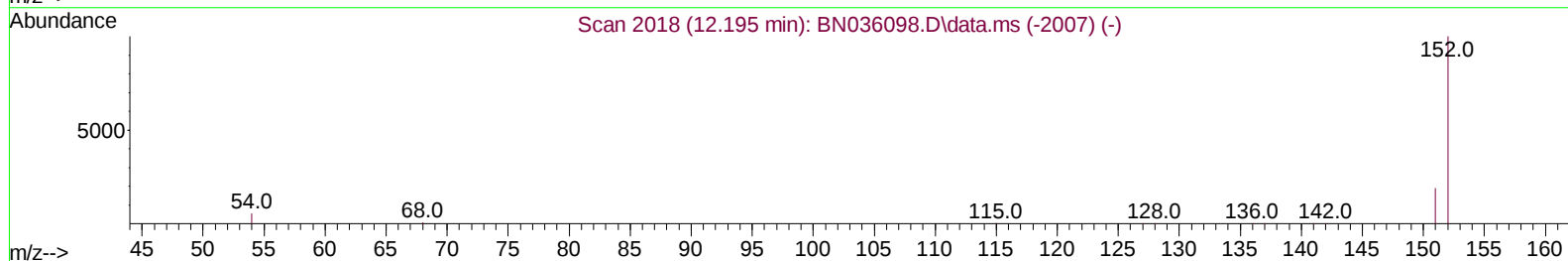
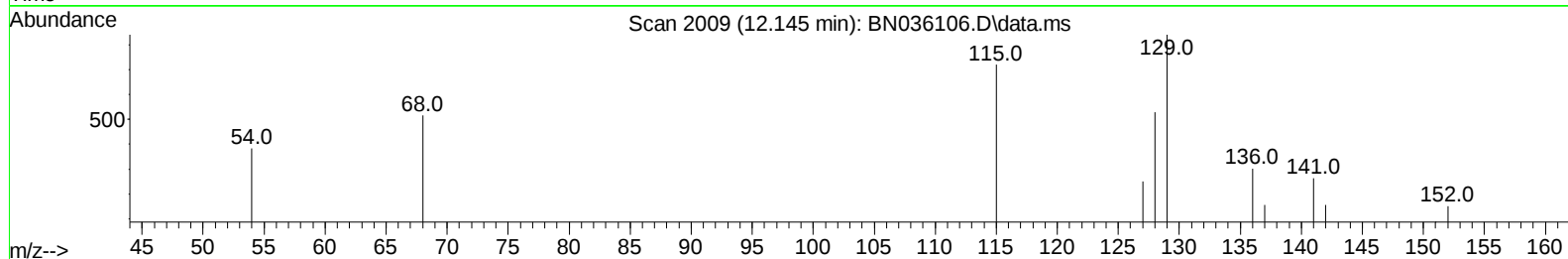
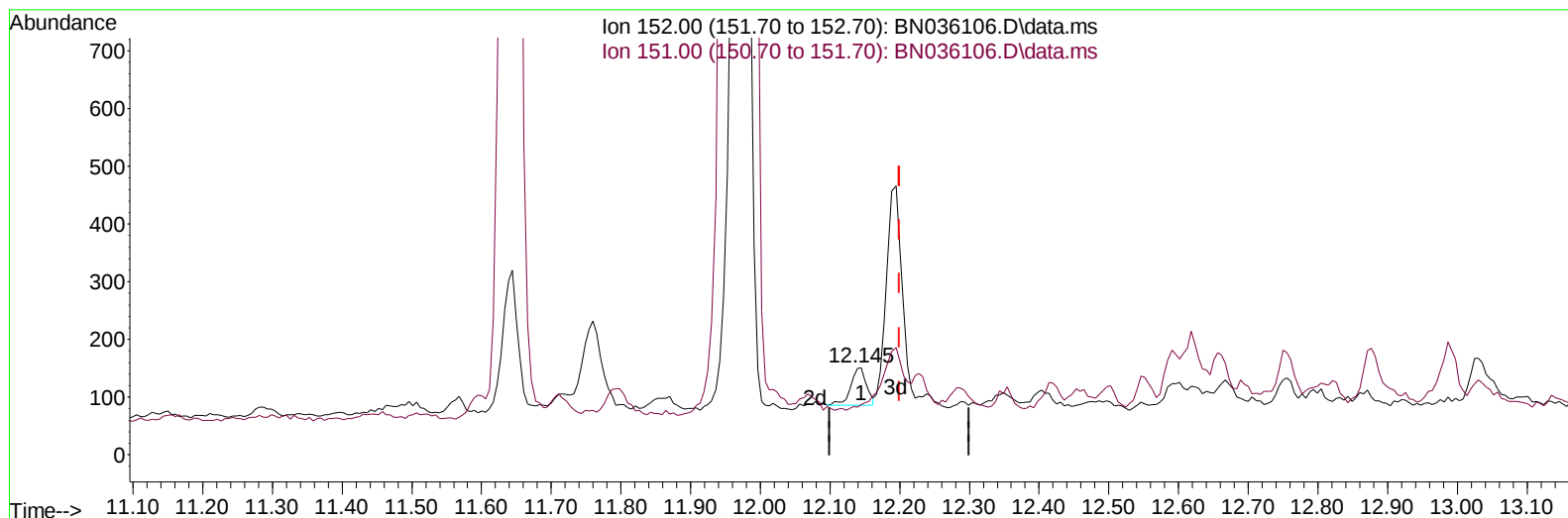
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036106.D
Acq On : 29 Jan 2025 11:55
Operator : RC/JU
Sample : Q1184-12DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2963DL

Manual IntegrationsAPPROVED

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

Quant Time: Jan 29 12:32:59 2025
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TIC: BN036106.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.145min (-0.055) 0.01 ng/u1

response 103

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

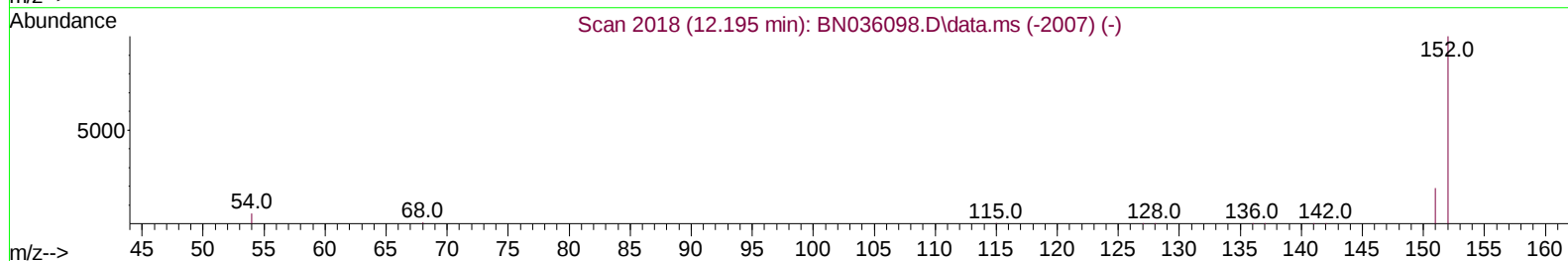
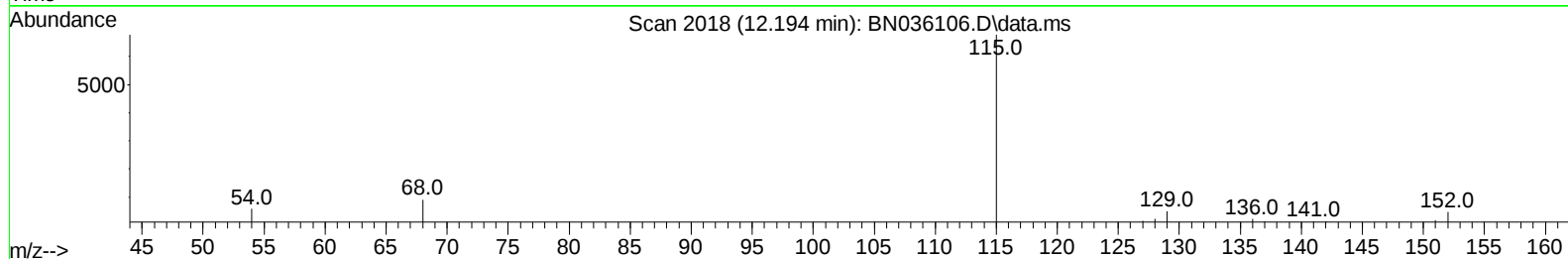
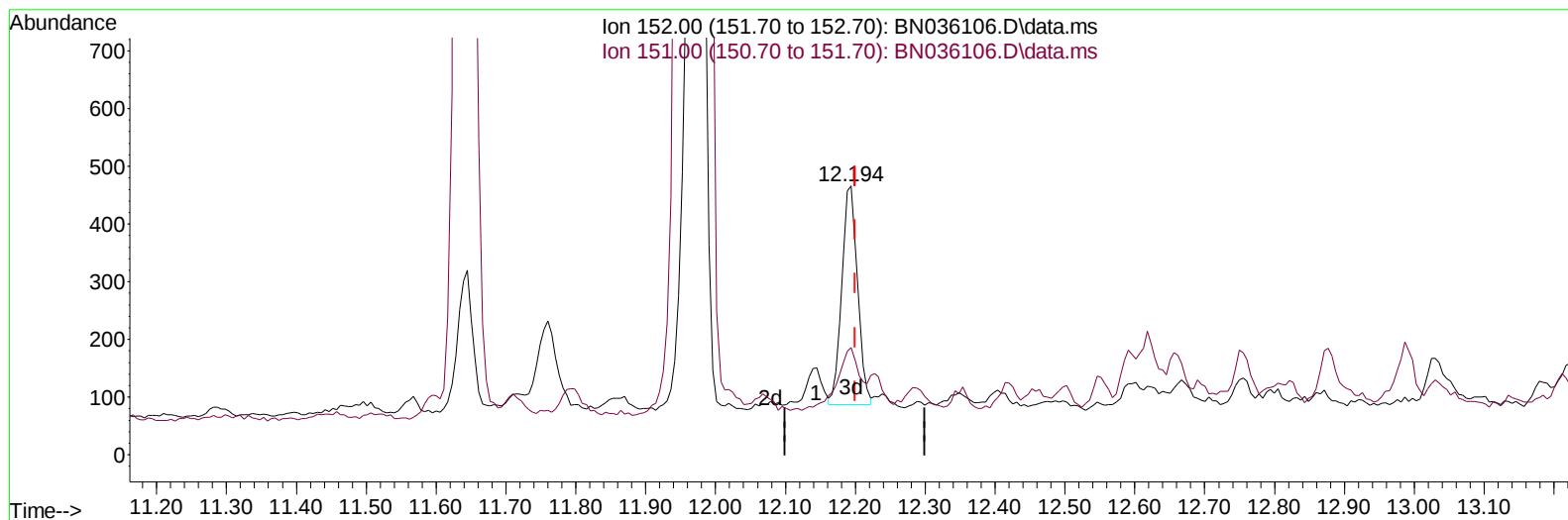
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036106.D
Acq On : 29 Jan 2025 11:55
Operator : RC/JU
Sample : Q1184-12DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2963DL

Manual IntegrationsAPPROVED

Quant Time: Jan 29 12:32:59 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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TIC: BN036106.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.194min (-0.006) 0.08 ng/ul m

response 582

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

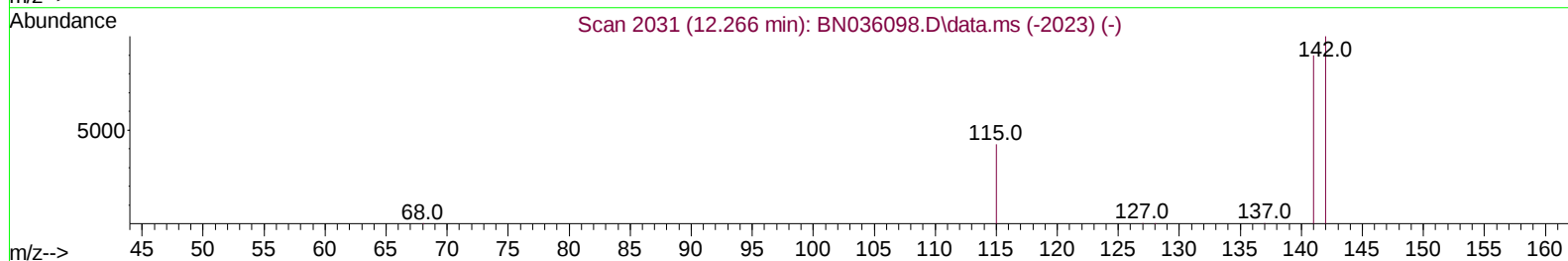
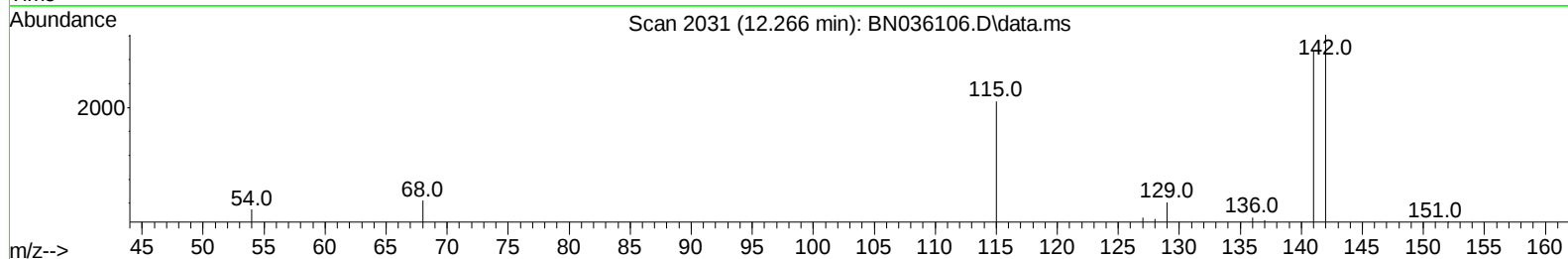
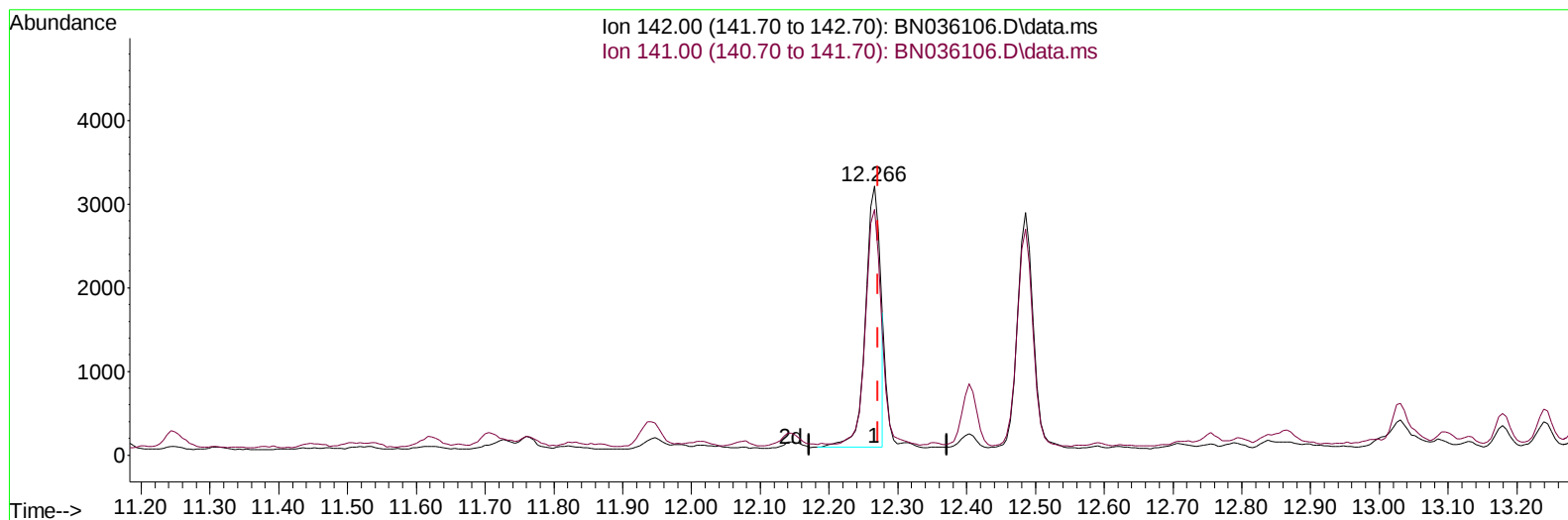
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036106.D
Acq On : 29 Jan 2025 11:55
Operator : RC/JU
Sample : Q1184-12DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2963DL

Manual IntegrationsAPPROVED

Quant Time: Jan 29 12:32:59 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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TIC: BN036106.D\data.ms

(7) 2-Methylnaphthalene

12.266min (-0.006) 0.47 ng/u1

response 4707

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	89.90	87.85
0.00	0.00	0.00
0.00	0.00	0.00

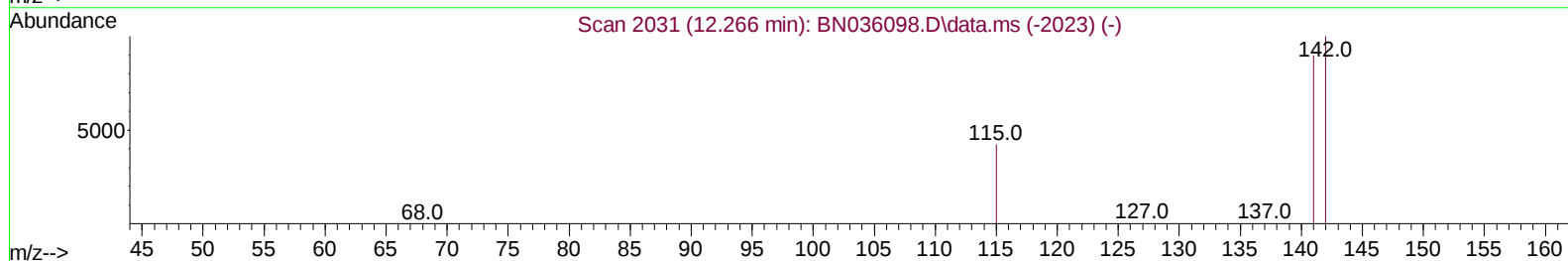
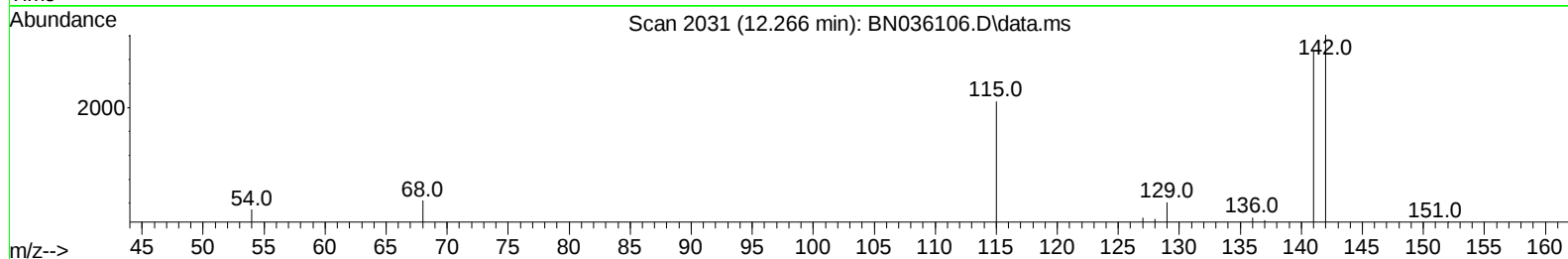
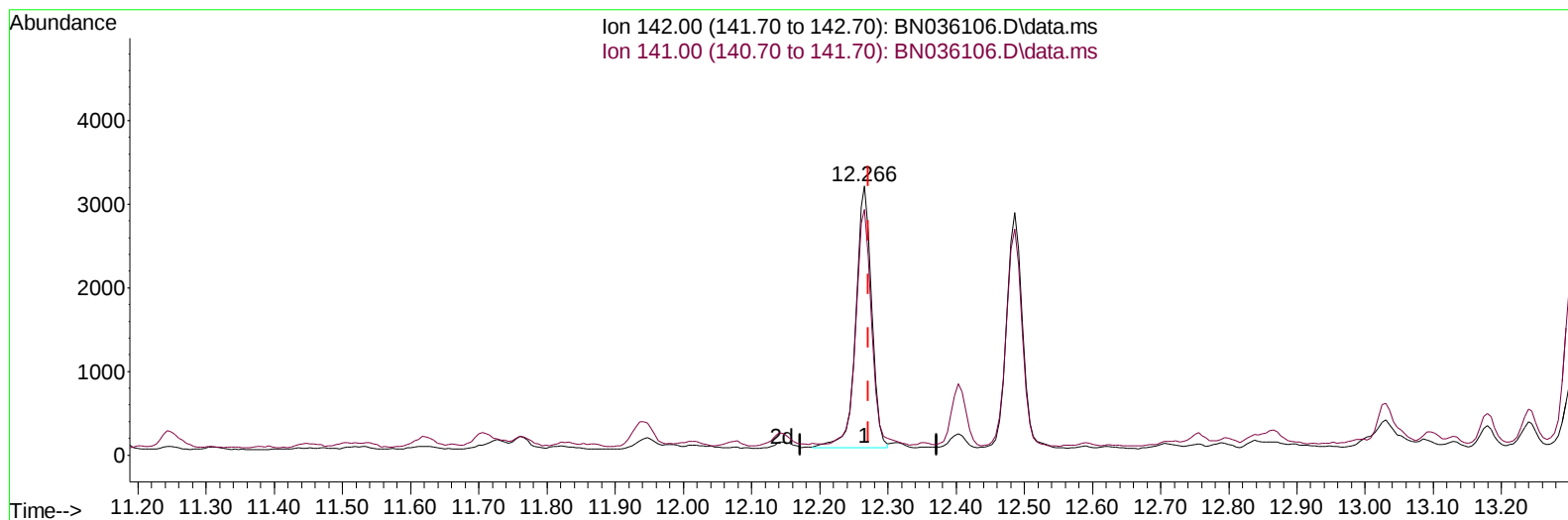
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
 Data File : BN036106.D
 Acq On : 29 Jan 2025 11:55
 Operator : RC/JU
 Sample : Q1184-12DL 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2963DL

Manual IntegrationsAPPROVED

Quant Time: Jan 29 12:32:59 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: BN036106.D\data.ms

(7) 2-Methylnaphthalene

12.266min (-0.006) 0.51 ng/u1 m

response 5153

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	89.90	80.24
0.00	0.00	0.00
0.00	0.00	0.00

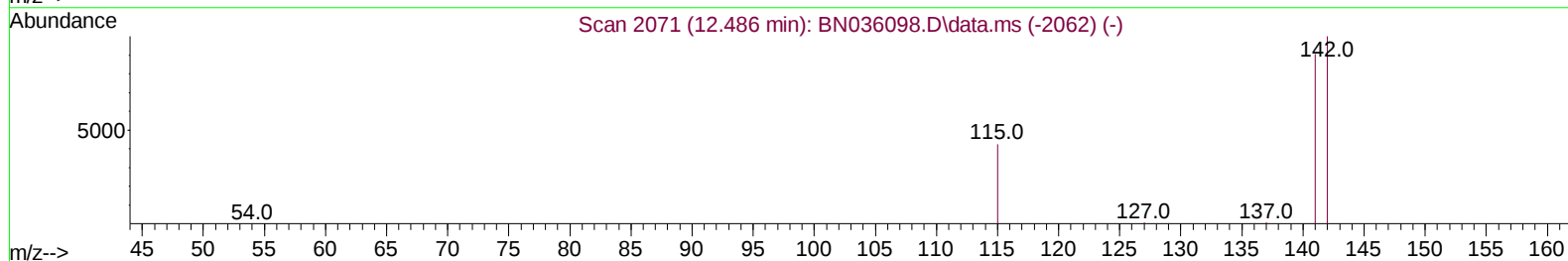
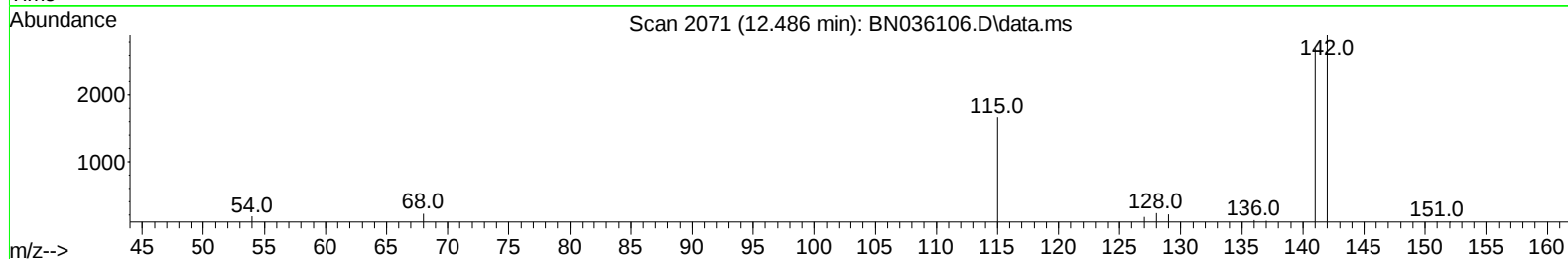
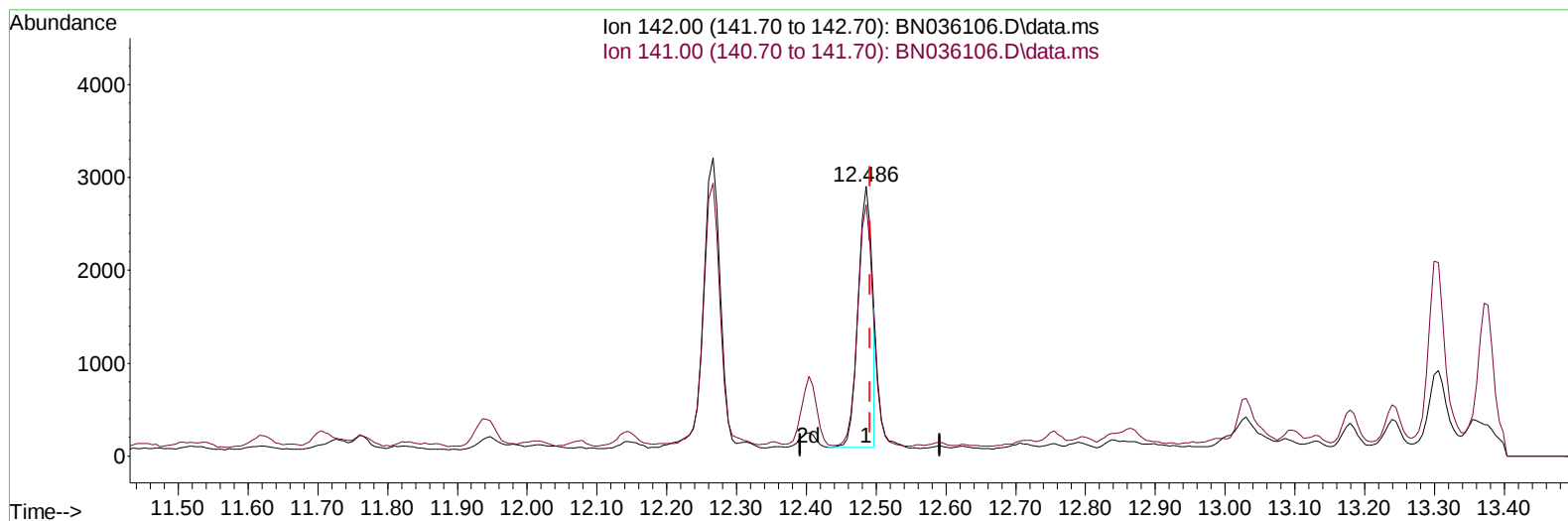
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036106.D
Acq On : 29 Jan 2025 11:55
Operator : RC/JU
Sample : Q1184-12DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2963DL

Manual IntegrationsAPPROVED

Quant Time: Jan 29 12:32:59 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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TIC: BN036106.D\data.ms

(8) 1-Methylnaphthalene

12.486min (-0.006) 0.39 ng/u1

response 3981

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	94.00	94.12
0.00	0.00	0.00
0.00	0.00	0.00

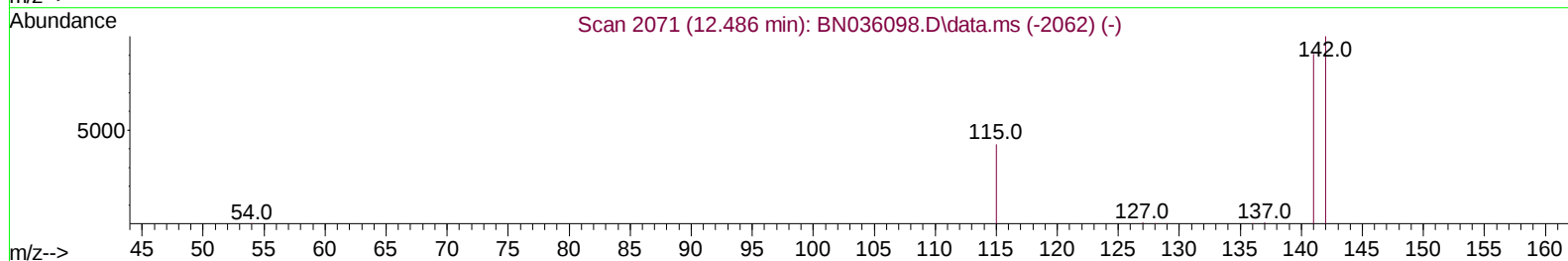
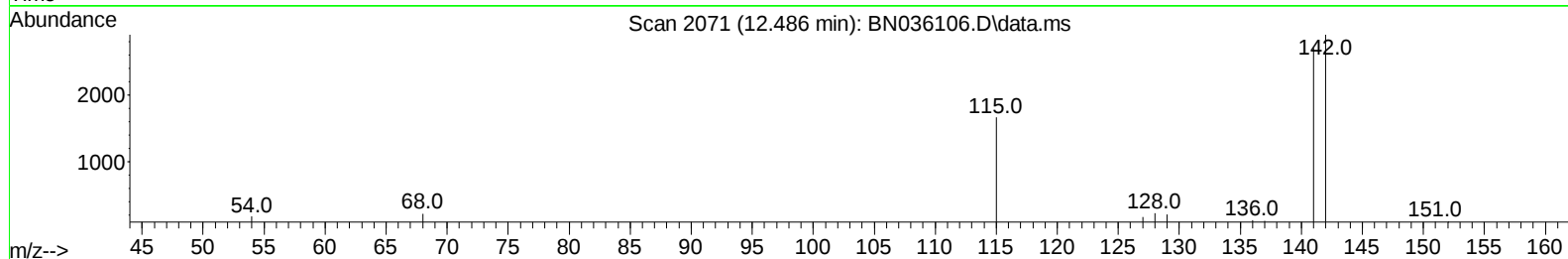
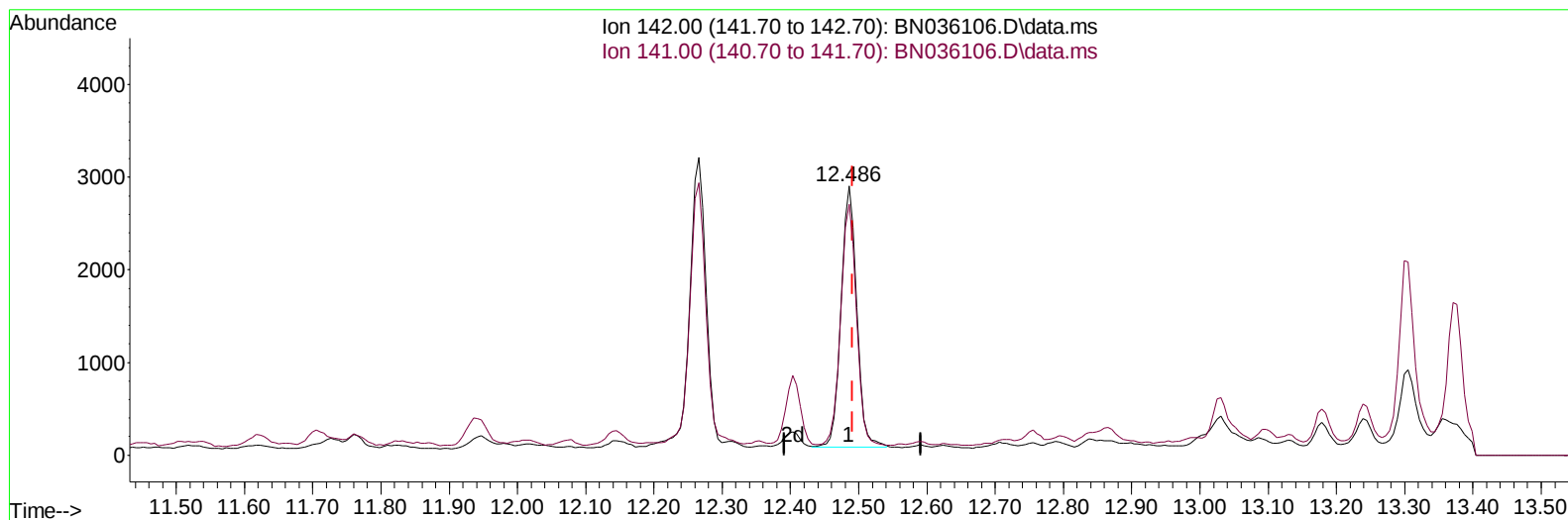
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036106.D
Acq On : 29 Jan 2025 11:55
Operator : RC/JU
Sample : Q1184-12DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2963DL

Manual IntegrationsAPPROVED

Quant Time: Jan 29 12:32:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
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QLast Update : Tue Jan 21 23:52:22 2025
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TIC: BN036106.D\data.ms

(8) 1-Methylnaphthalene

12.486min (-0.006) 0.44 ng/u1 m

response 4470

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	94.00	83.83
0.00	0.00	0.00
0.00	0.00	0.00

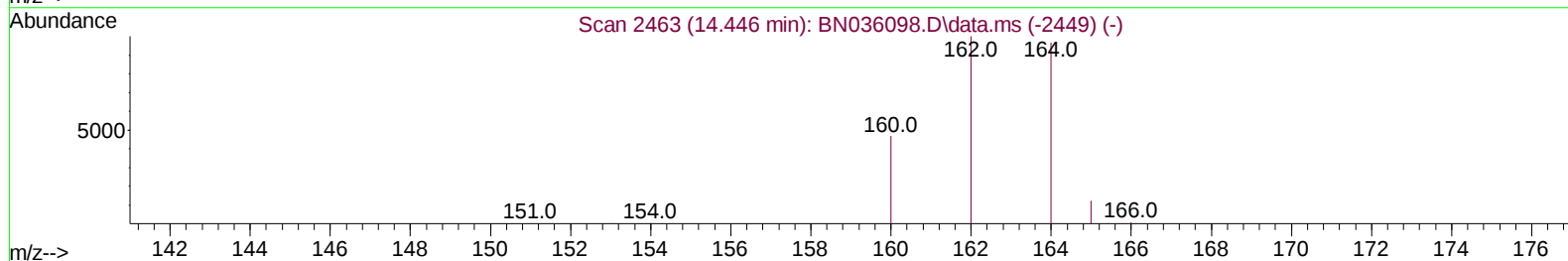
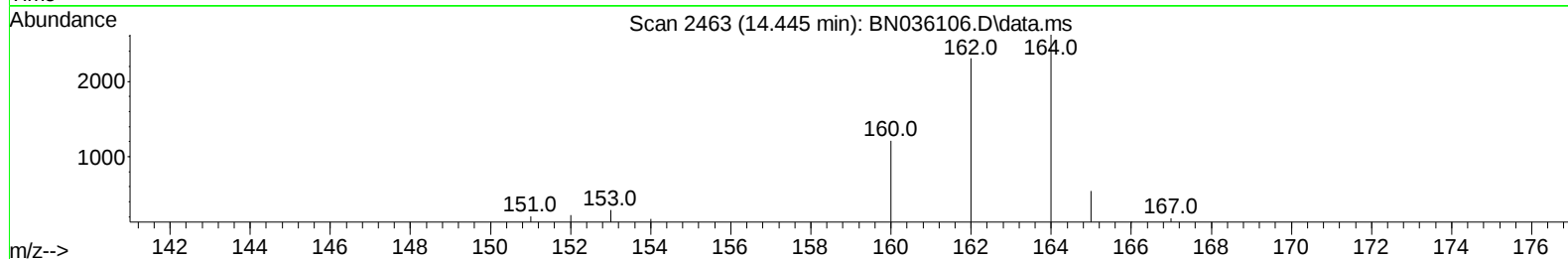
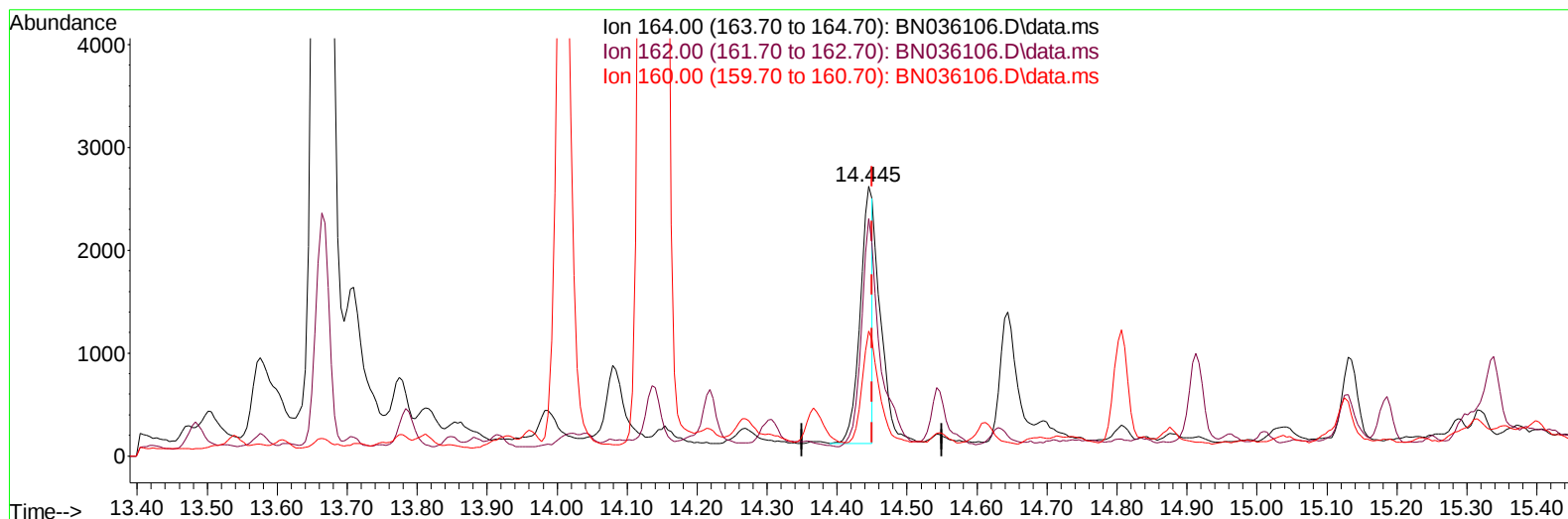
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036106.D
Acq On : 29 Jan 2025 11:55
Operator : RC/JU
Sample : Q1184-12DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2963DL

Manual IntegrationsAPPROVED

Quant Time: Jan 29 12:32:59 2025
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TIC: BN036106.D\data.ms

(9) Acenaphthene-d10 (I)

14.445min (-0.005) 0.40 ng/u1

response 3114

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.40	88.02
160.00	54.60	46.34
0.00	0.00	0.00

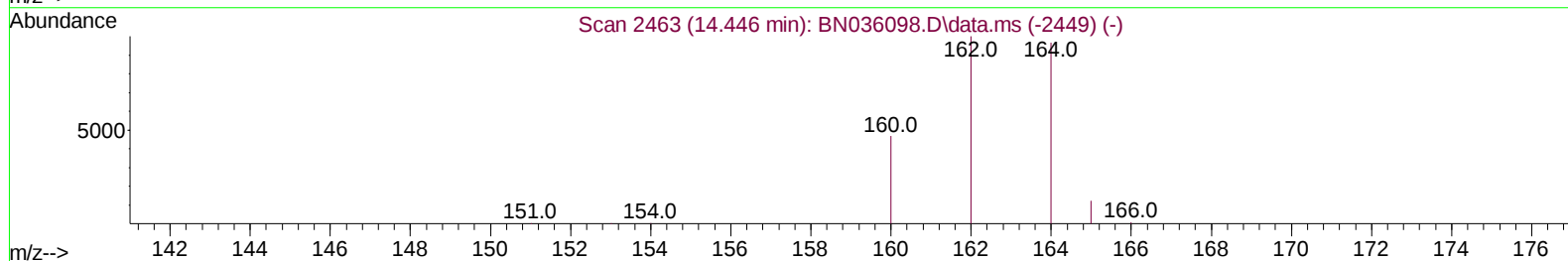
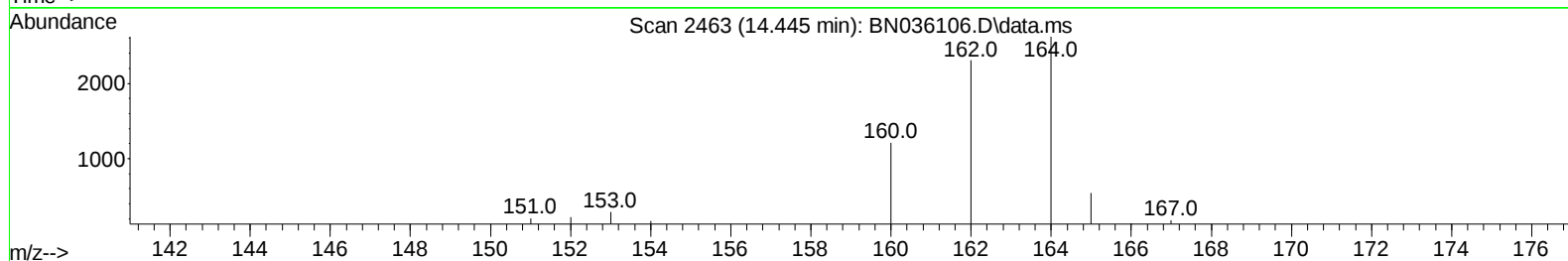
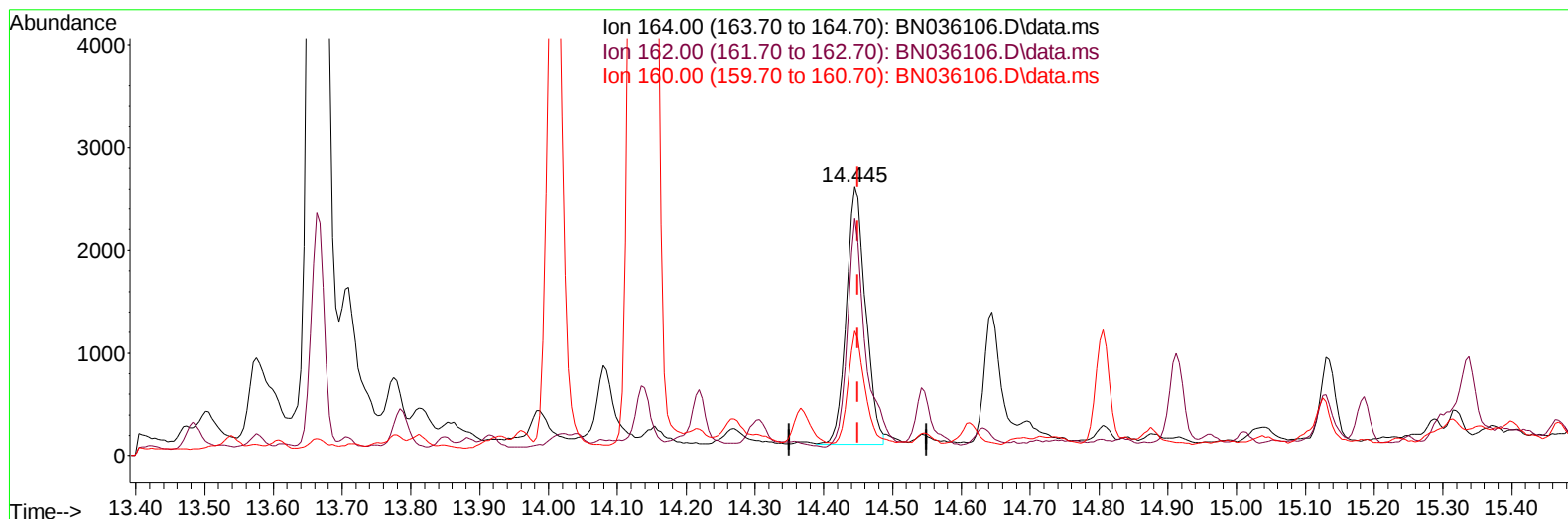
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036106.D
Acq On : 29 Jan 2025 11:55
Operator : RC/JU
Sample : Q1184-12DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2963DL

Manual IntegrationsAPPROVED

Quant Time: Jan 29 12:32:59 2025
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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: BN036106.D\data.ms

(9) Acenaphthene-d10 (I)

14.445min (-0.005) 0.40 ng/ul m

response 4884

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.40	88.02
160.00	54.60	46.34
0.00	0.00	0.00

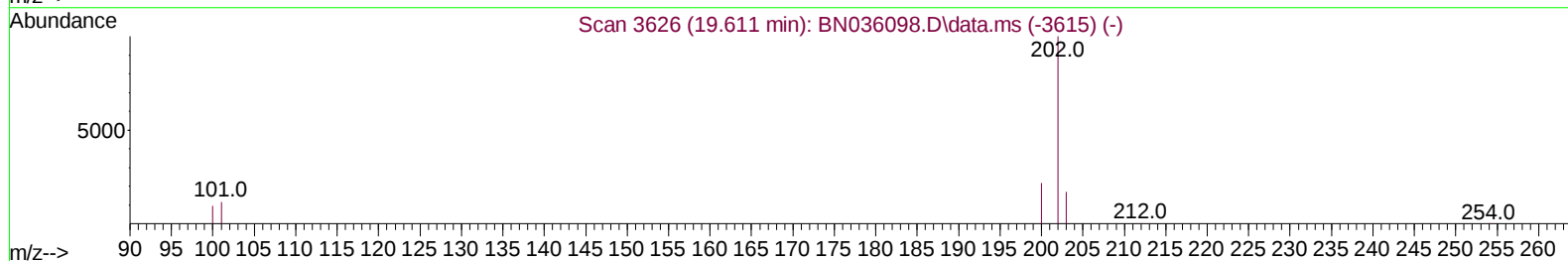
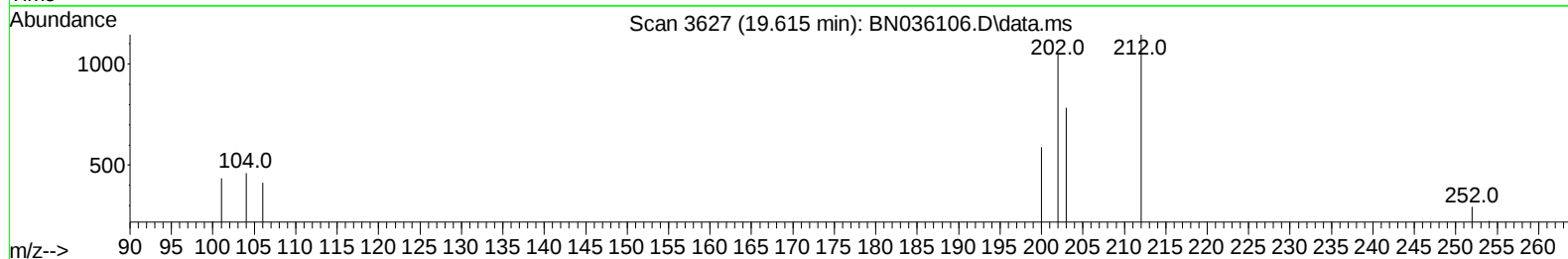
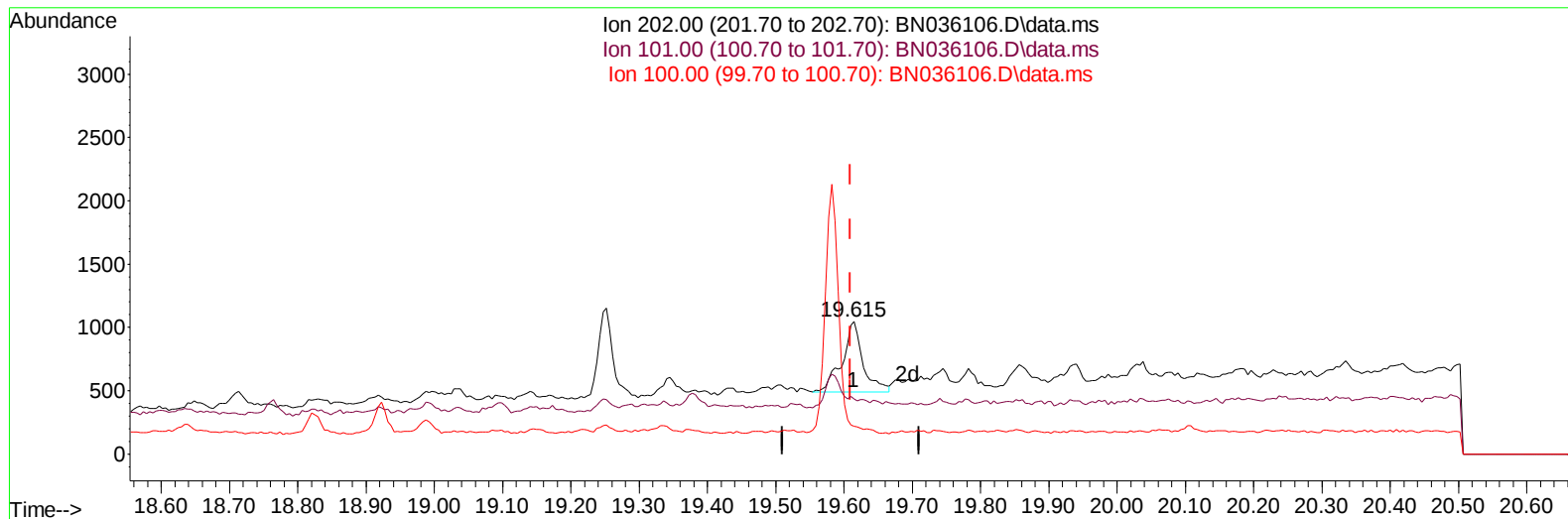
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036106.D
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Operator : RC/JU
Sample : Q1184-12DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2963DL

Manual IntegrationsAPPROVED

Quant Time: Jan 29 12:32:59 2025
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TIC: BN036106.D\data.ms

(20) Pyrene

19.615min (+ 0.005) 0.05 ng/u1

response 1177

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.60	41.70#
100.00	9.40	20.90#
0.00	0.00	0.00

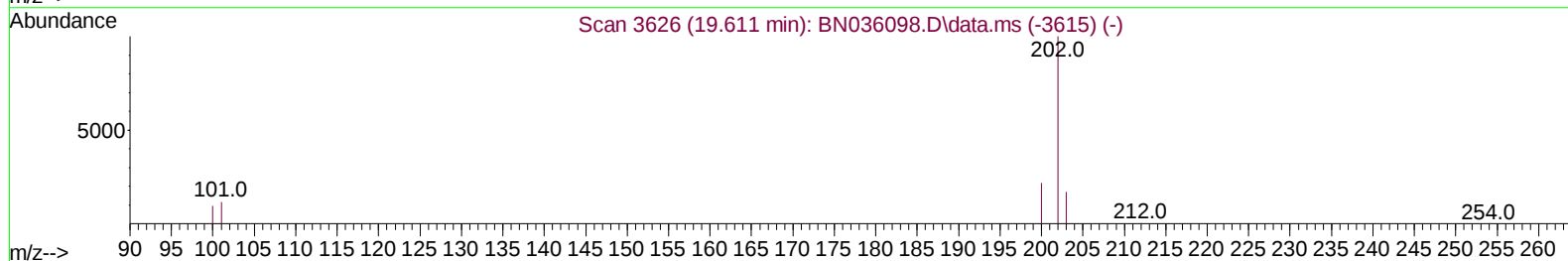
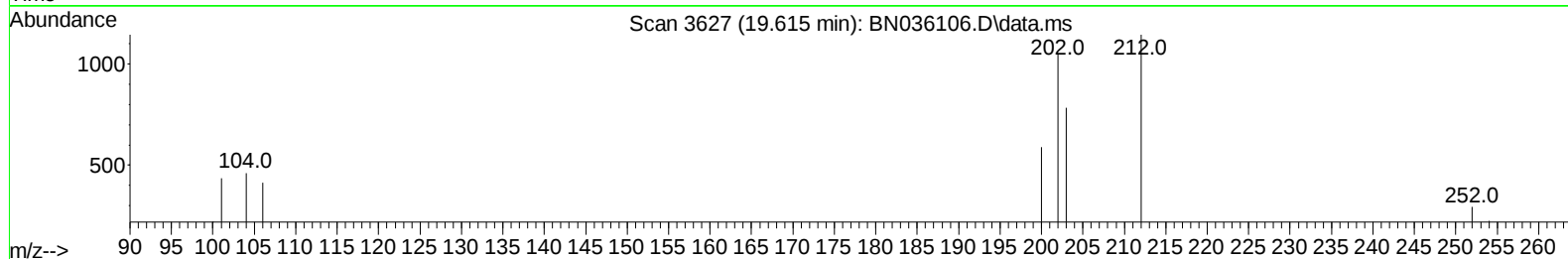
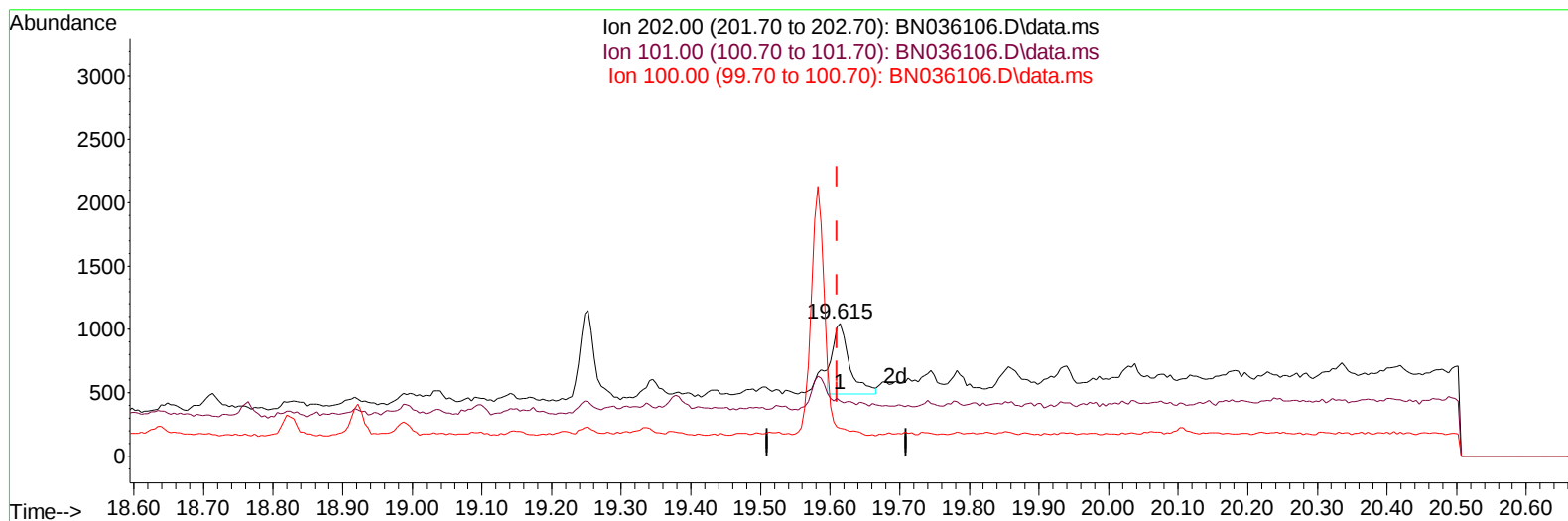
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
 Data File : BN036106.D
 Acq On : 29 Jan 2025 11:55
 Operator : RC/JU
 Sample : Q1184-12DL 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2963DL

Manual IntegrationsAPPROVED

Quant Time: Jan 29 12:32:59 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: BN036106.D\data.ms

(20) Pyrene

19.615min (+ 0.005) 0.04 ng/ul m

response 919

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.60	41.70#
100.00	9.40	20.90#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
 Data File : BN036106.D
 Acq On : 29 Jan 2025 11:55
 Operator : RC/JU
 Sample : Q1184-12DL 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.807	152	2275	0.400	ng/ul	0.00
4) Naphthalene-d8	10.600	136	5904m	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.445	164	4884m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	5591	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.377	240	5562	0.400	ng/ul	# 0.00
23) Perylene-d12	23.681	264	5131	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	1548	0.621	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.194	152	582m	0.078	ng/ul	0.00
18) Fluoranthene-d10	19.220	212	1438	0.094	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.649	128	44389m	2.729	ng/ul	
7) 2-Methylnaphthalene	12.266	142	5153m	0.510	ng/ul	
8) 1-Methylnaphthalene	12.486	142	4470m	0.436	ng/ul	
11) Acenaphthene	14.510	153	2078	0.123	ng/ul	98
12) Fluorene	15.495	166	1118	0.060	ng/ul#	79
15) Phenanthrene	17.233	178	3478	0.212	ng/ul#	67
19) Fluoranthene	19.252	202	1105	0.052	ng/ul#	45
20) Pyrene	19.615	202	919m	0.042	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
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