

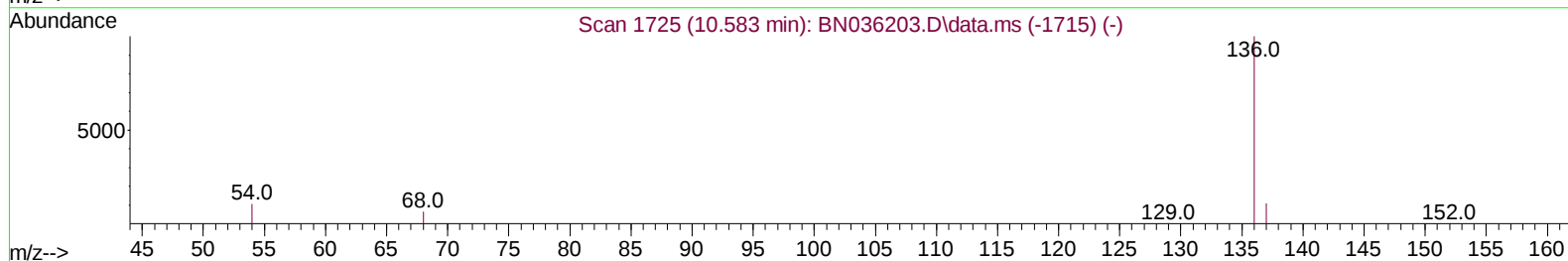
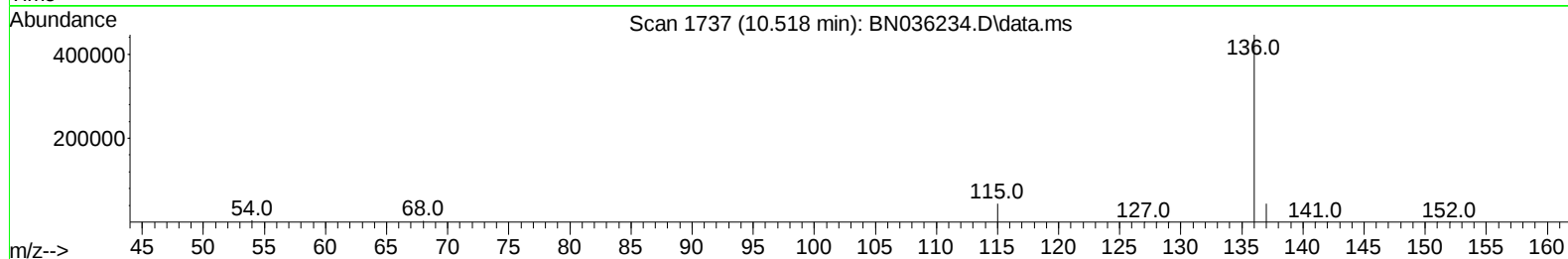
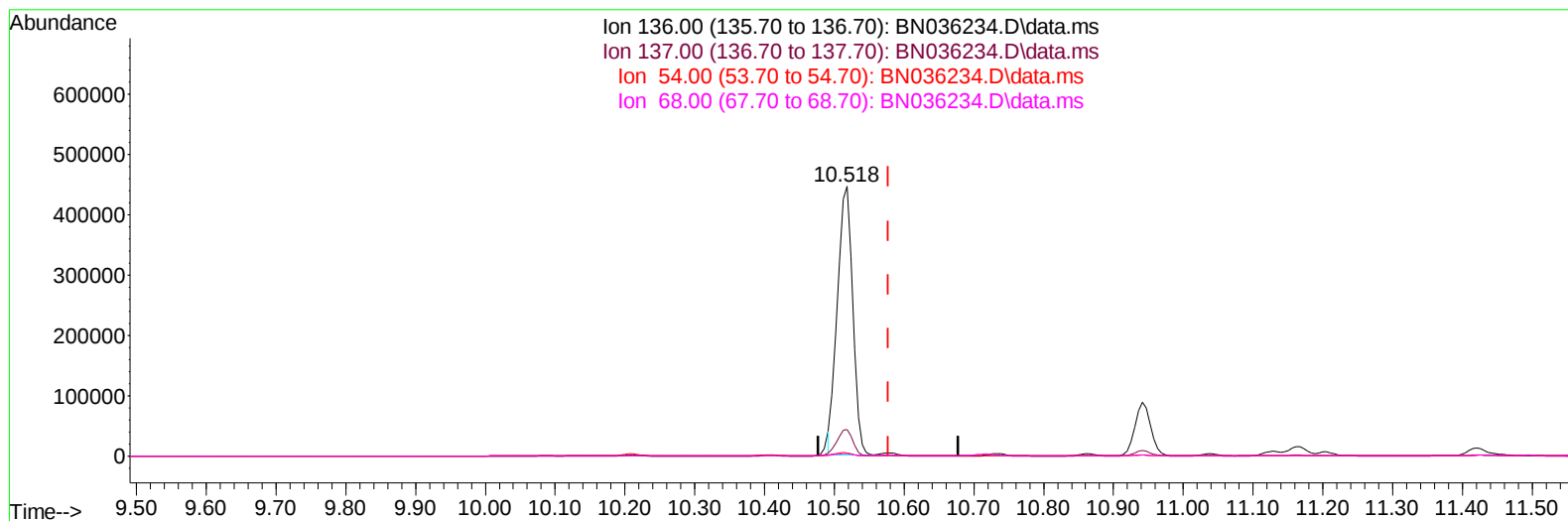
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020325\
Data File : BN036234.D
Acq On : 03 Feb 2025 18:13
Operator : RC/JU
Sample : Q1197-01DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964DL

Manual IntegrationsAPPROVED

Quant Time: Feb 04 07:40:38 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 : Mon Feb 03 12:27:24 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/07/2025



TIC: BN036234.D\data.ms

(4) Naphthalene-d8 (I)

10.518min (-0.059) 0.40 ng/u1

response 684134

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	12.70	9.91#
54.00	12.80	1.20#
68.00	8.10	0.80#

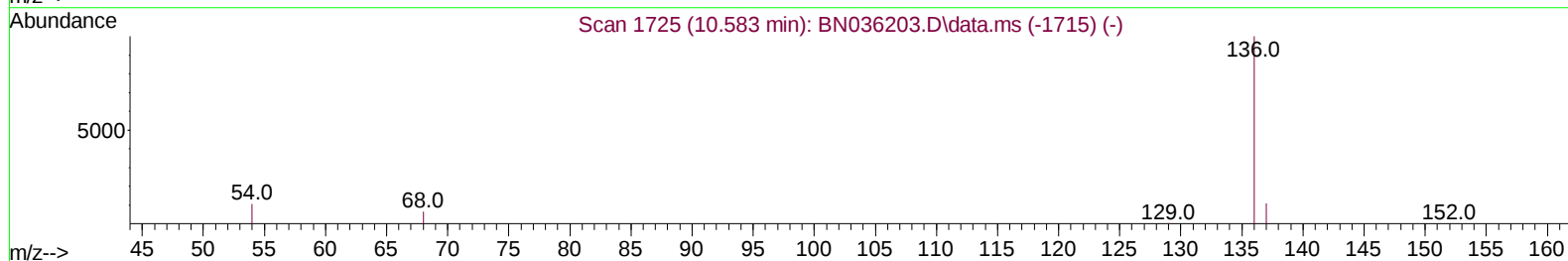
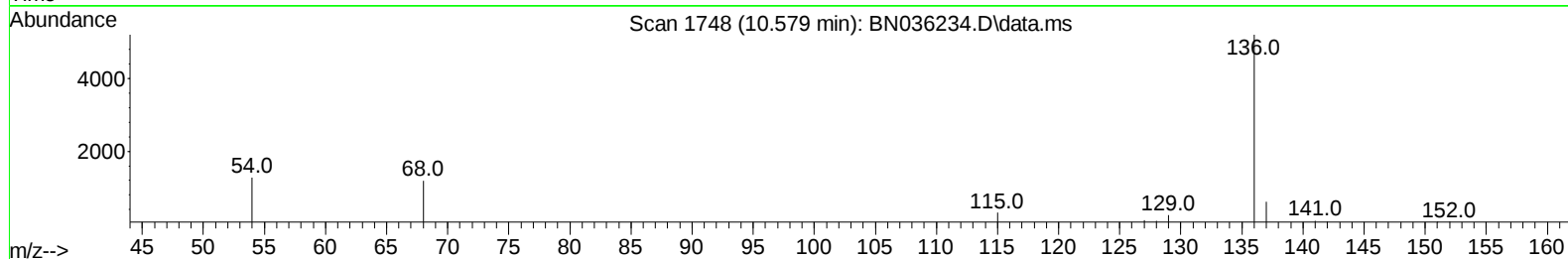
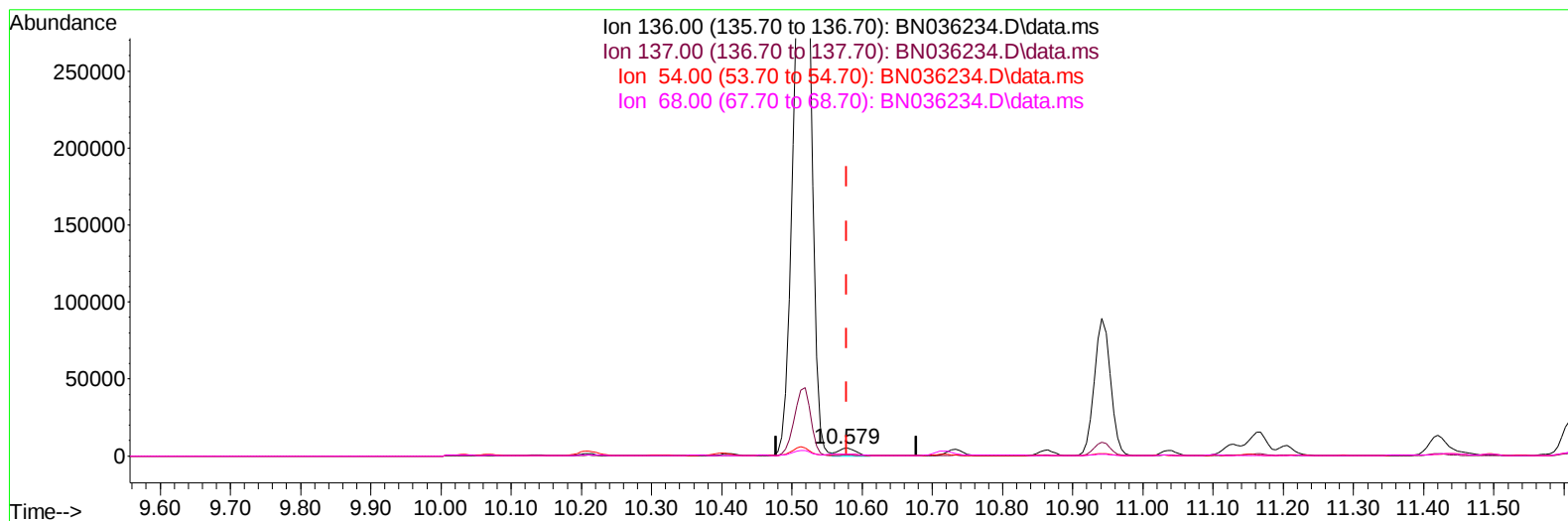
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020325\
Data File : BN036234.D
Acq On : 03 Feb 2025 18:13
Operator : RC/JU
Sample : Q1197-01DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964DL

Manual IntegrationsAPPROVED

Quant Time: Feb 04 07:40:38 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 : Mon Feb 03 12:27:24 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/07/2025



TIC: BN036234.D\data.ms

(4) Naphthalene-d8 (I)

10.579min (+ 0.001) 0.40 ng/ul m

response 8822

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	12.70	11.97
54.00	12.80	24.61#
68.00	8.10	22.97#

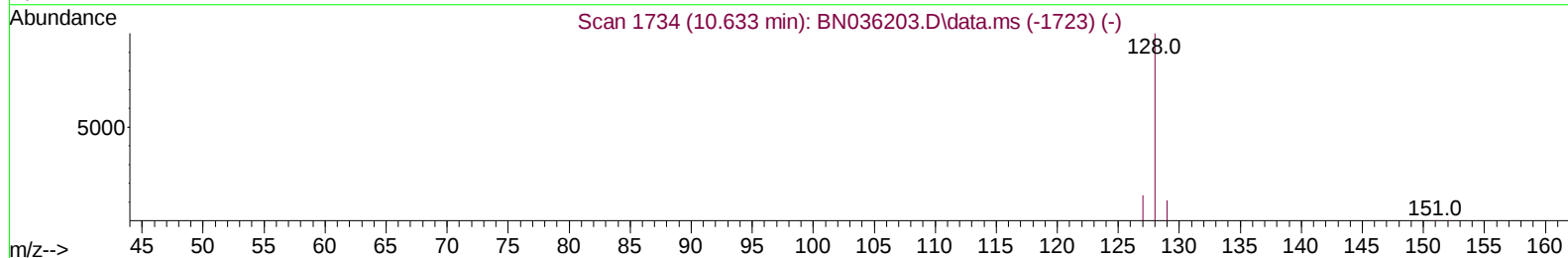
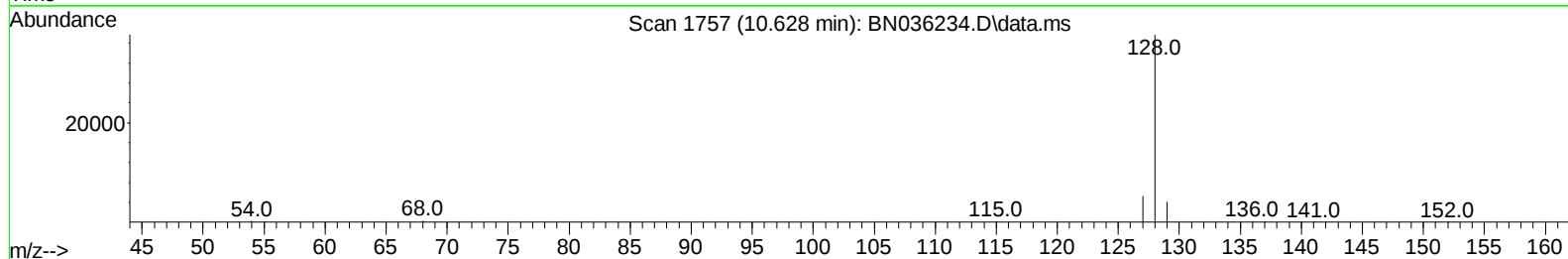
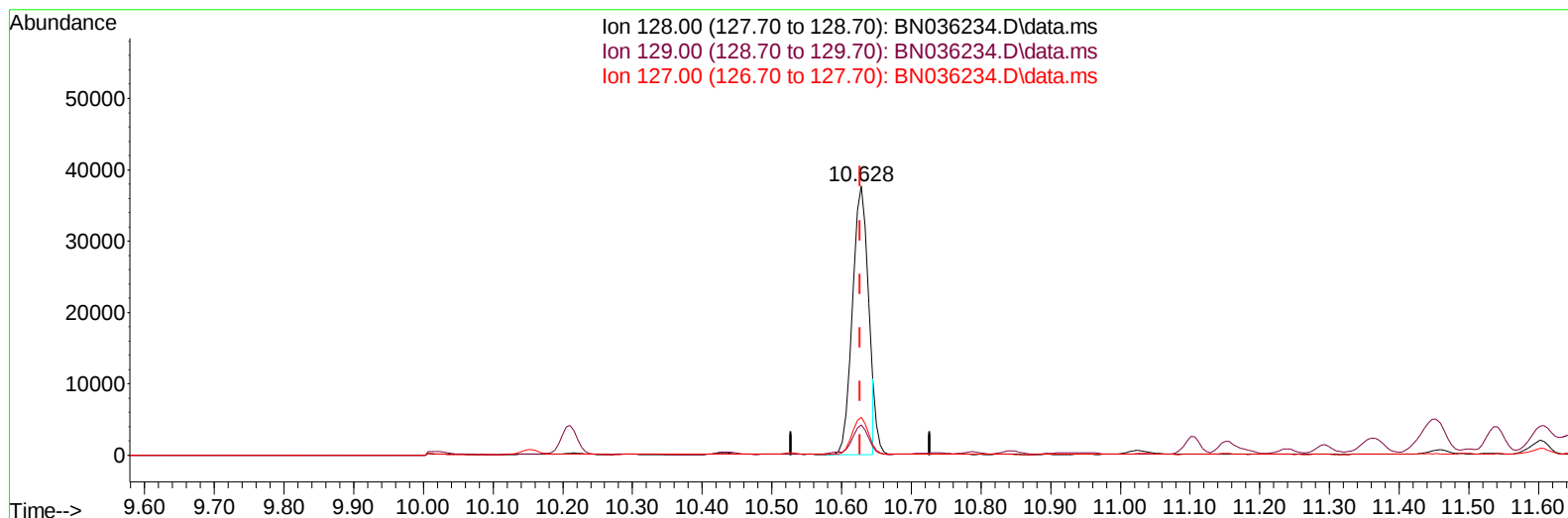
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Data File : BN036234.D
Acq On : 03 Feb 2025 18:13
Operator : RC/JU
Sample : Q1197-01DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964DL

Manual IntegrationsAPPROVED

Quant Time: Feb 04 07:40:38 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 : Mon Feb 03 12:27:24 2025
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Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/07/2025



TIC: BN036234.D\data.ms

(5) Naphthalene

10.628min (+ 0.001) 2.46 ng/u1

response 59872

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	12.00	11.15
127.00	15.00	13.97
0.00	0.00	0.00

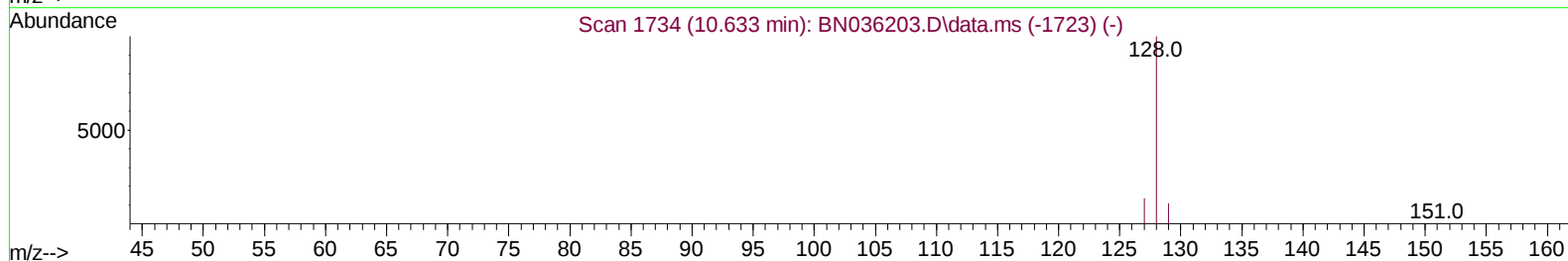
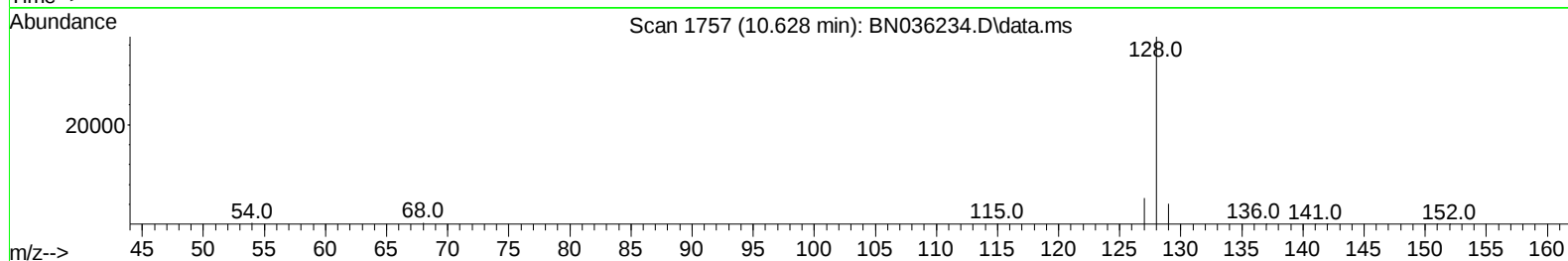
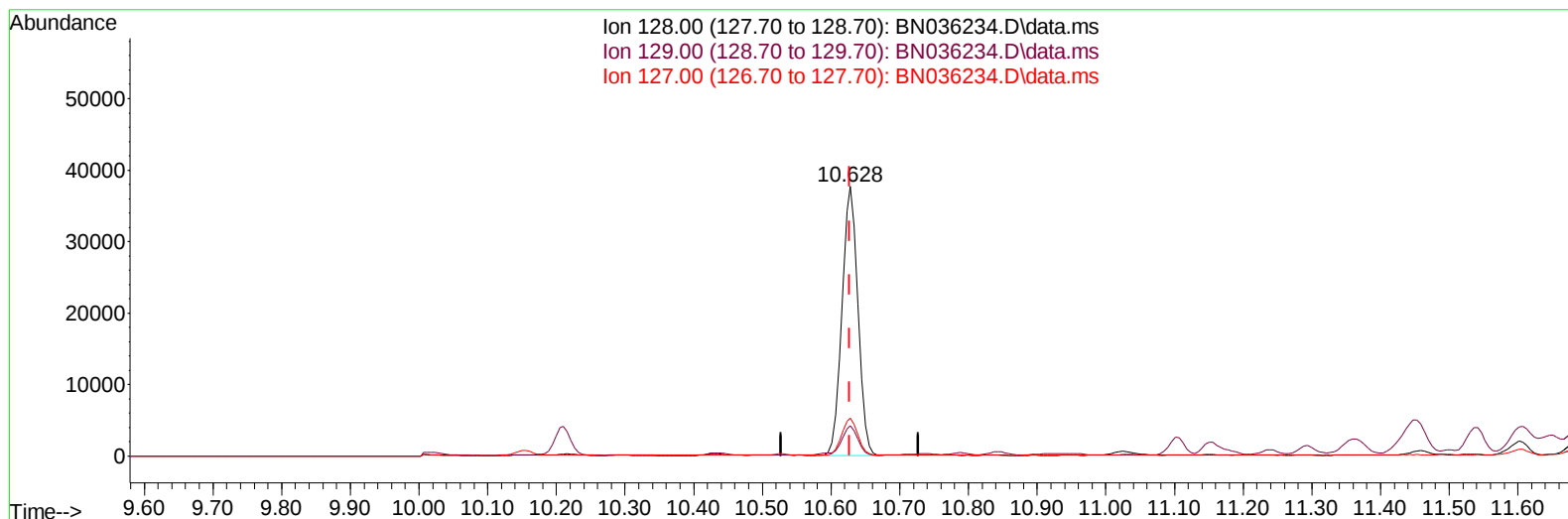
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020325\
Data File : BN036234.D
Acq On : 03 Feb 2025 18:13
Operator : RC/JU
Sample : Q1197-01DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964DL

Manual IntegrationsAPPROVED

Quant Time: Feb 04 07:40:38 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 : Mon Feb 03 12:27:24 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/07/2025



TIC: BN036234.D\data.ms

(5) Naphthalene

10.628min (+ 0.001) 2.56 ng/ul m

response 62216

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	12.00	11.15
127.00	15.00	13.97
0.00	0.00	0.00

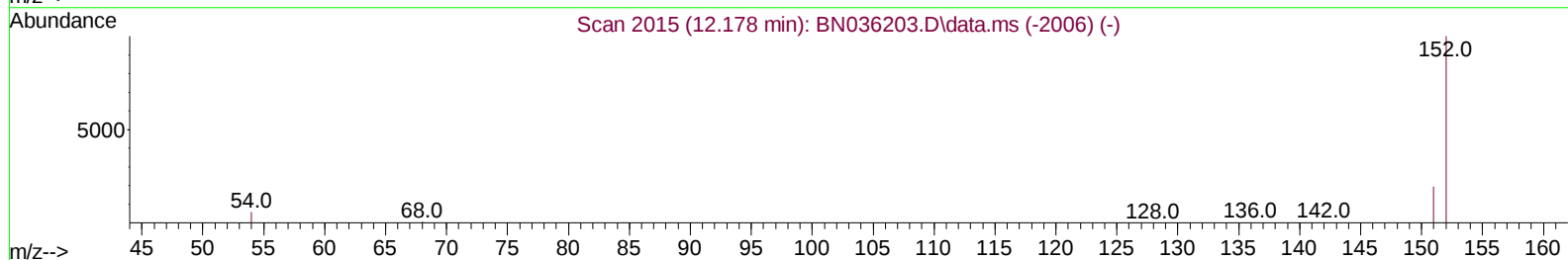
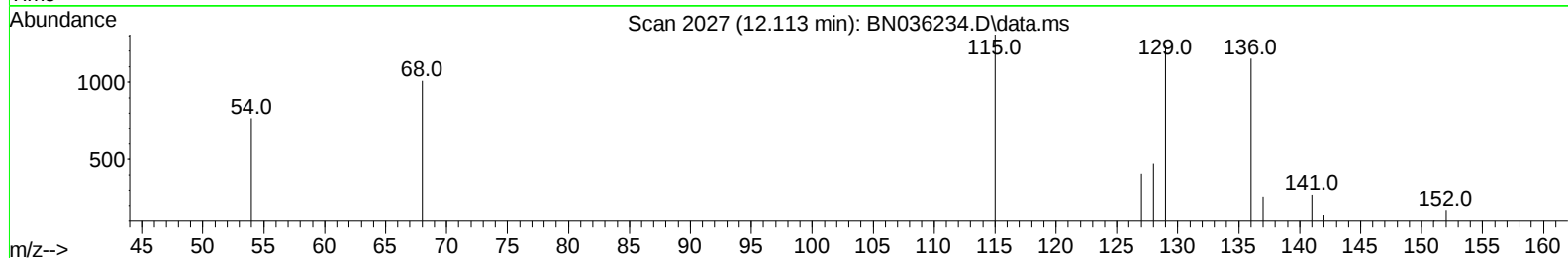
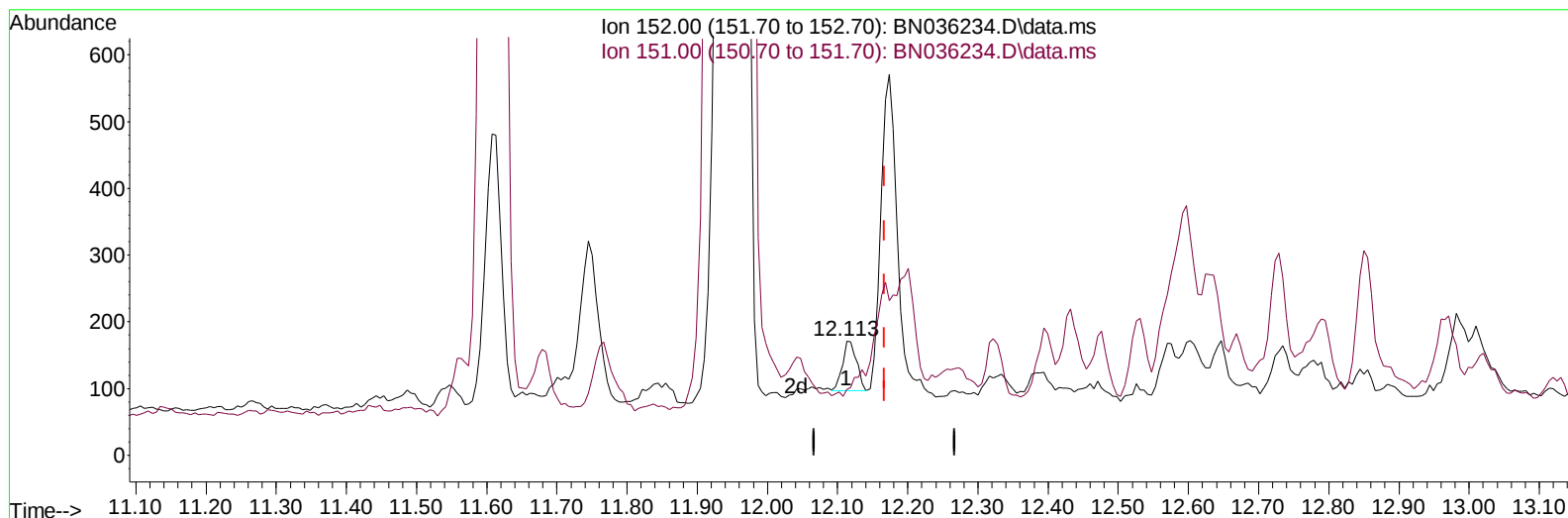
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020325\
Data File : BN036234.D
Acq On : 03 Feb 2025 18:13
Operator : RC/JU
Sample : Q1197-01DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964DL

Manual IntegrationsAPPROVED

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TIC: BN036234.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.113min (-0.054) 0.01 ng/u1

response 105

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

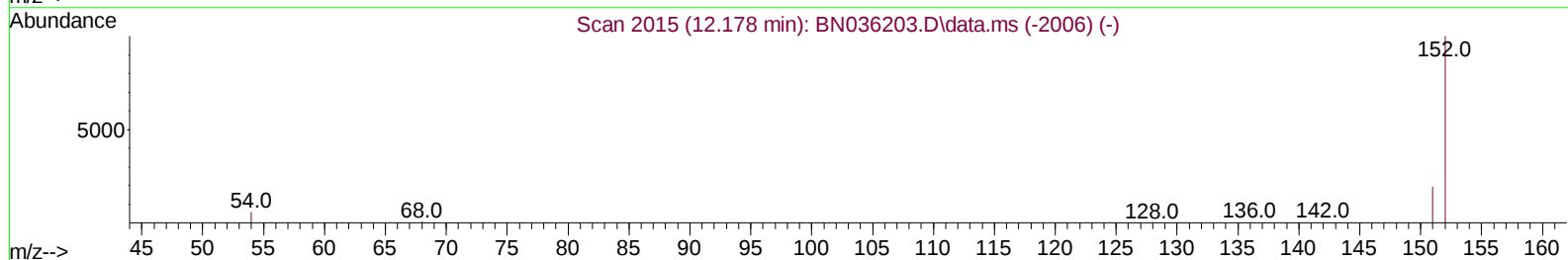
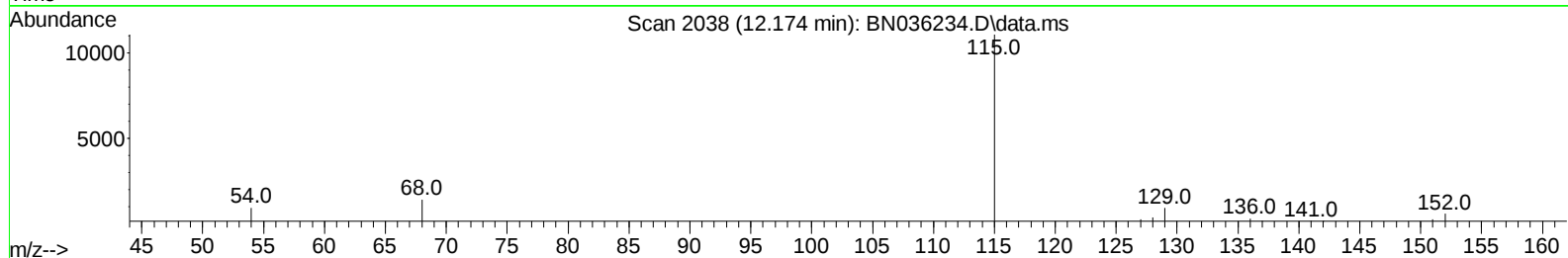
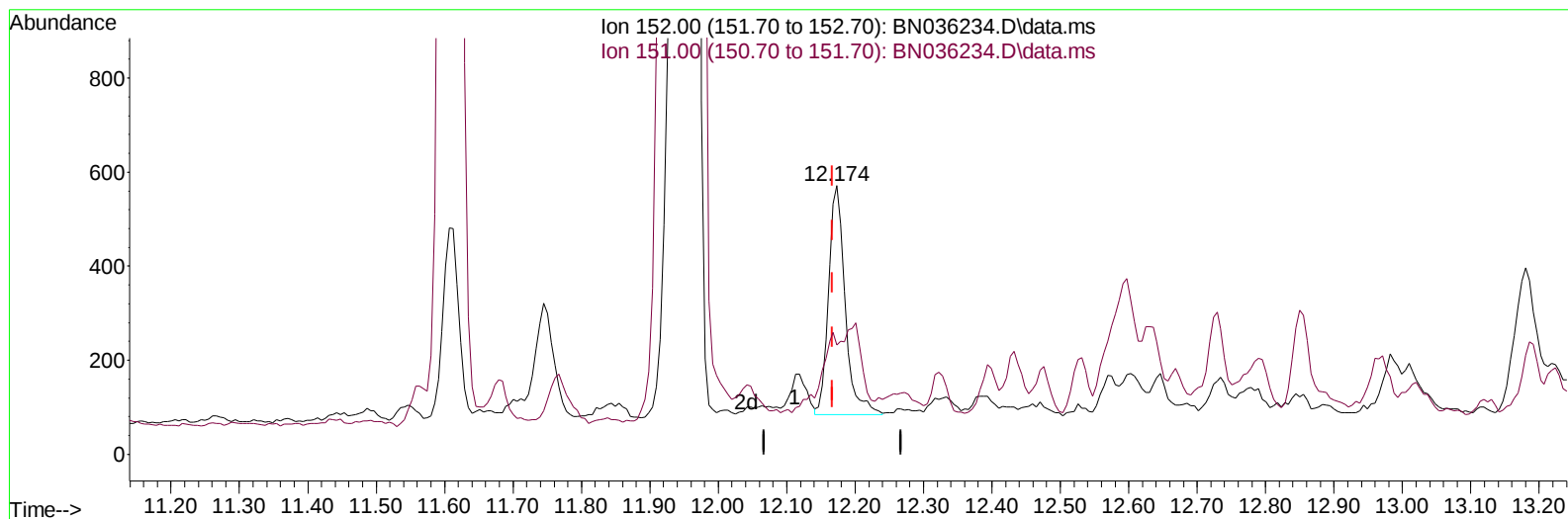
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020325\
Data File : BN036234.D
Acq On : 03 Feb 2025 18:13
Operator : RC/JU
Sample : Q1197-01DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964DL

Manual IntegrationsAPPROVED

Quant Time: Feb 04 07:40:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
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QLast Update : Mon Feb 03 12:27:24 2025
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TIC: BN036234.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.174min (+ 0.007) 0.07 ng/ul m

response 829

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

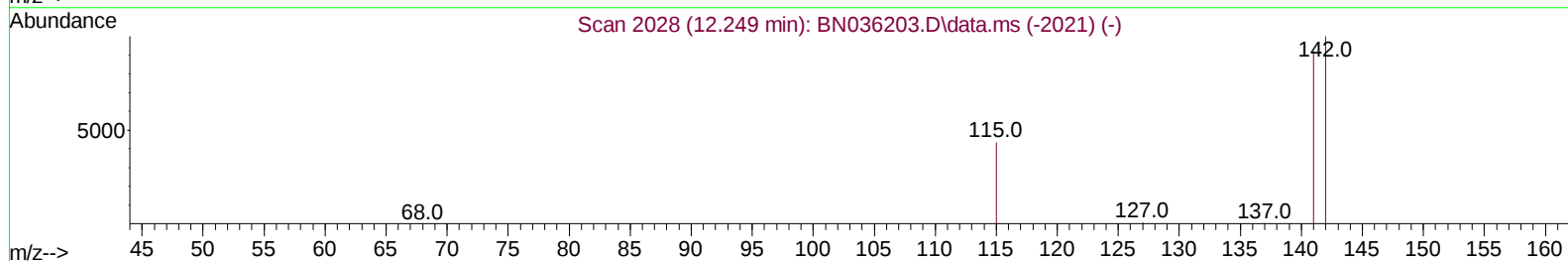
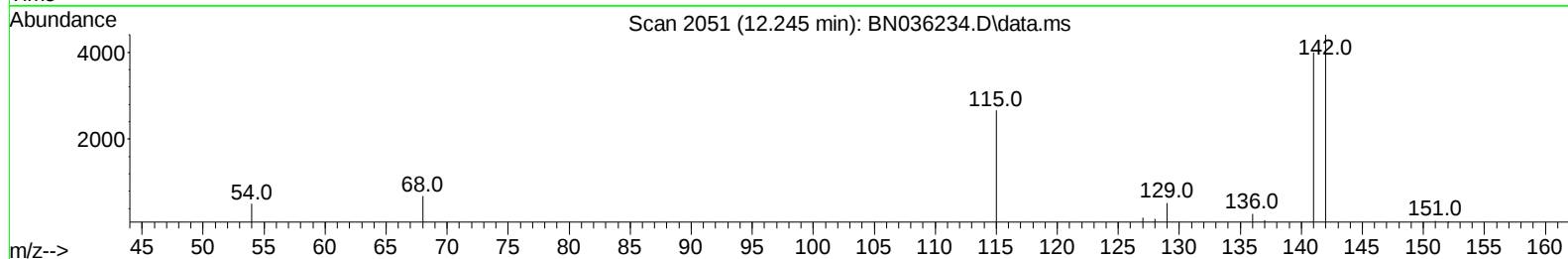
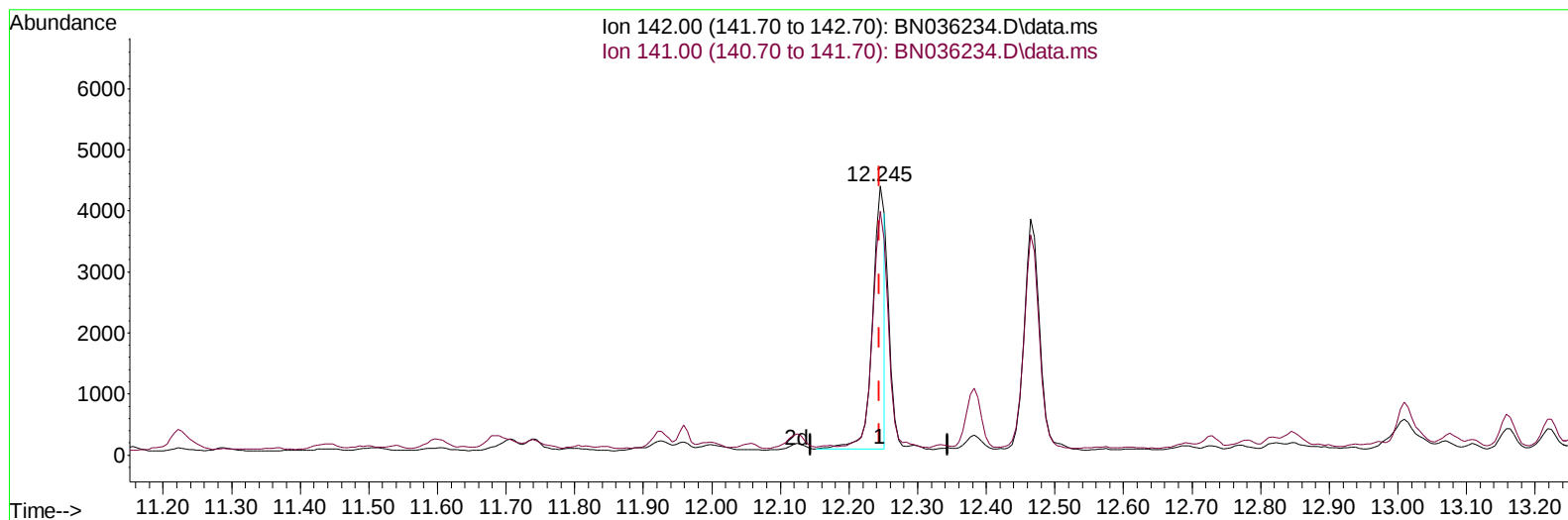
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020325\
Data File : BN036234.D
Acq On : 03 Feb 2025 18:13
Operator : RC/JU
Sample : Q1197-01DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964DL

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/07/2025

Quant Time: Feb 04 07:40:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
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TIC: BN036234.D\data.ms

(7) 2-Methylnaphthalene

12.245min (+ 0.001) 0.35 ng/u1

response 5319

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	89.90	87.61
0.00	0.00	0.00
0.00	0.00	0.00

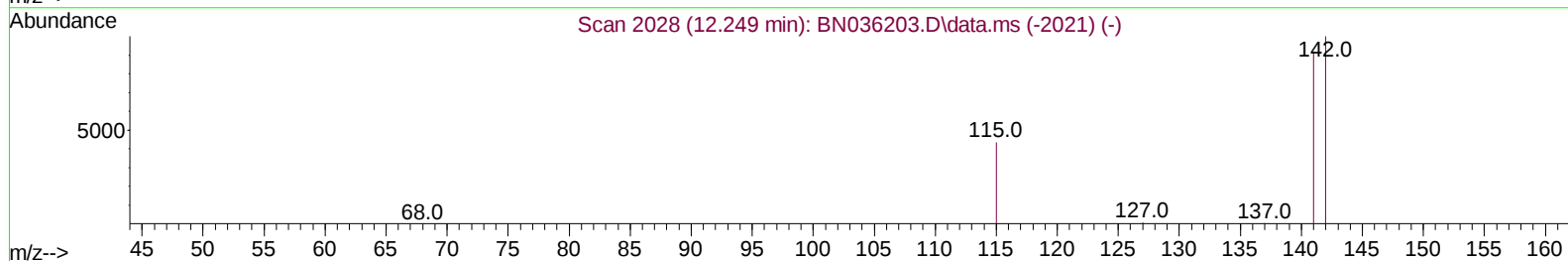
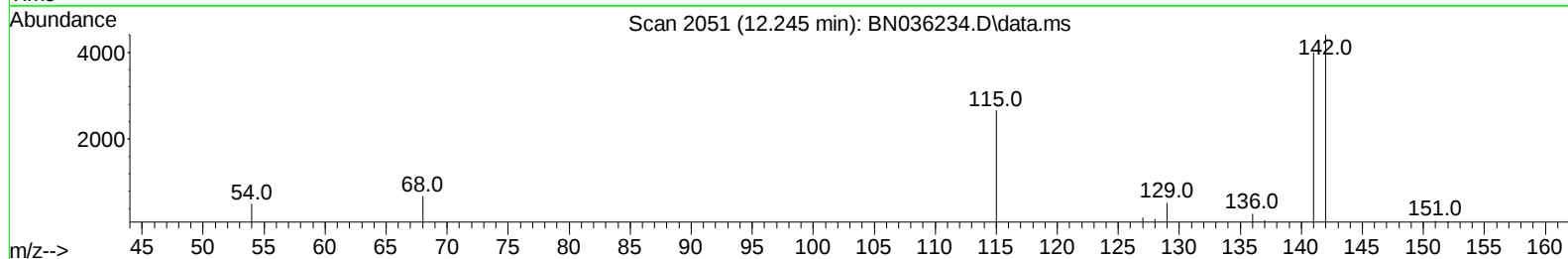
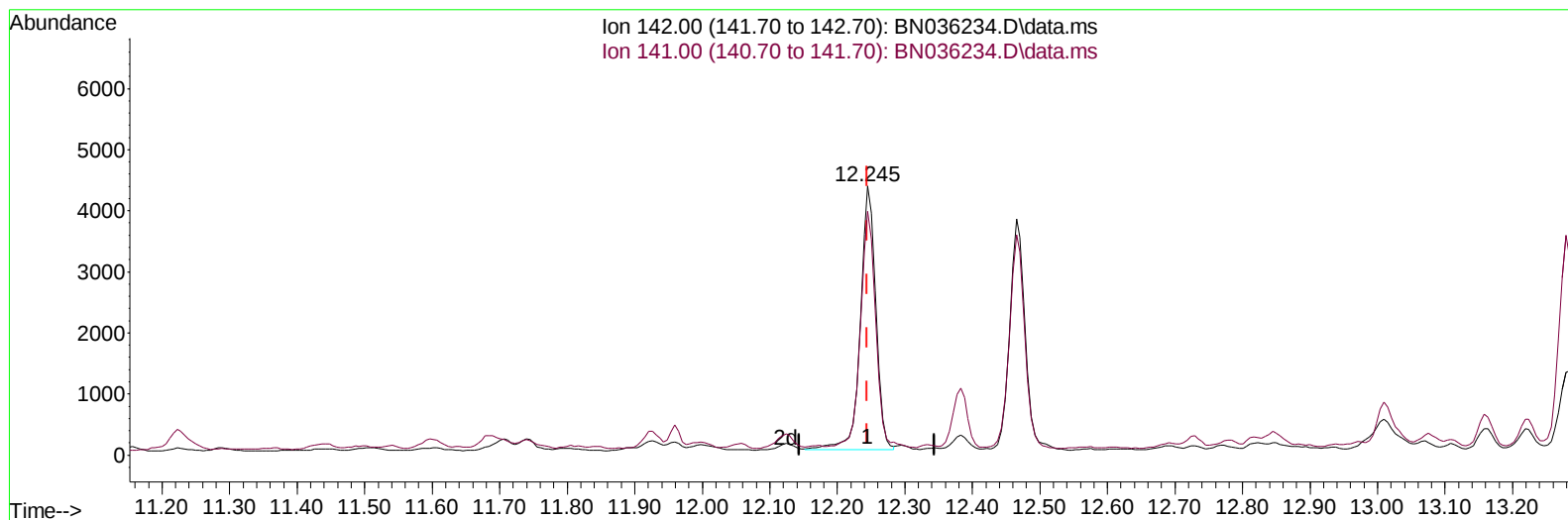
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020325\
Data File : BN036234.D
Acq On : 03 Feb 2025 18:13
Operator : RC/JU
Sample : Q1197-01DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964DL

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/07/2025

Quant Time: Feb 04 07:40:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
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Response via : Initial Calibration



TIC: BN036234.D\data.ms

(7) 2-Methylnaphthalene

12.245min (+ 0.001) 0.46 ng/ul m

response 6918

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	89.90	67.36#
0.00	0.00	0.00
0.00	0.00	0.00

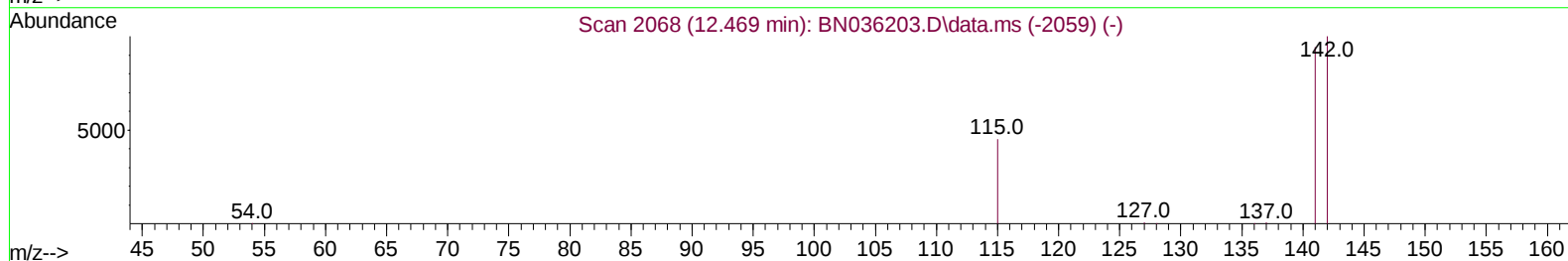
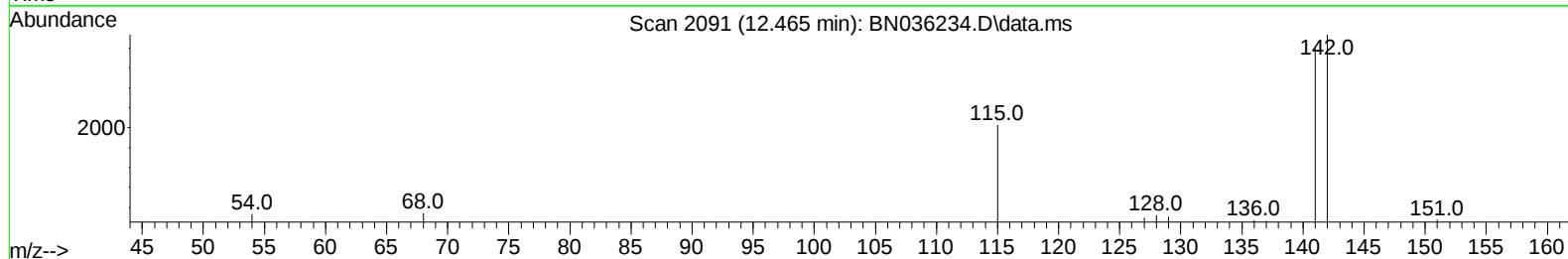
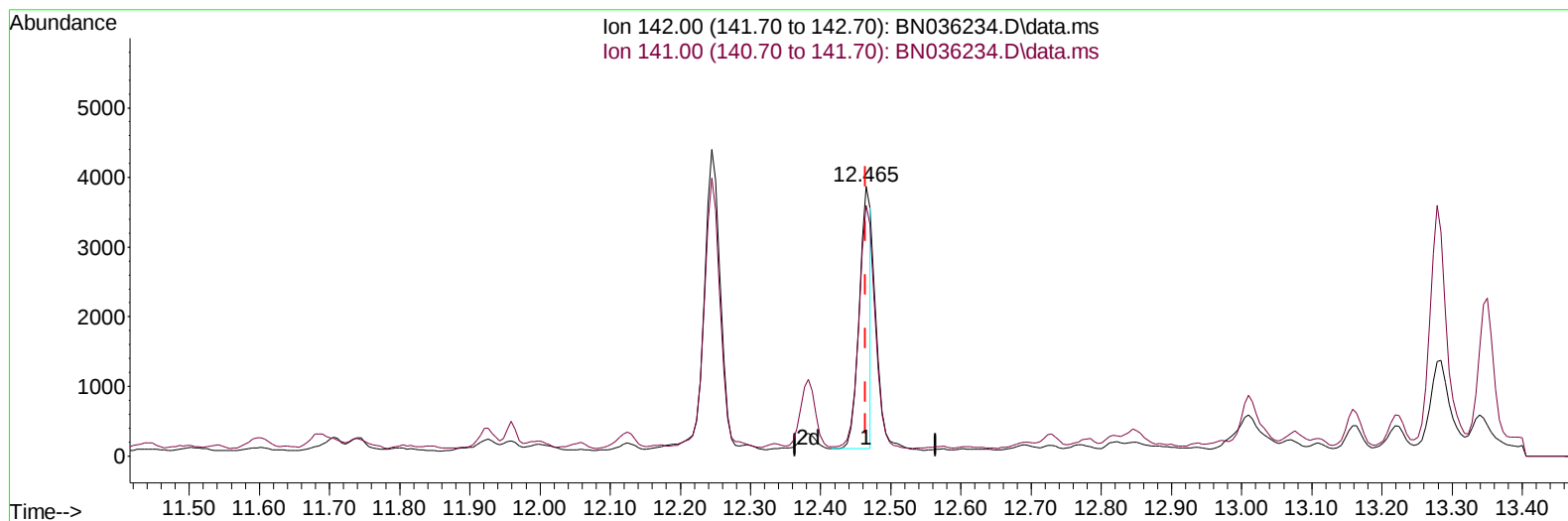
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020325\
Data File : BN036234.D
Acq On : 03 Feb 2025 18:13
Operator : RC/JU
Sample : Q1197-01DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964DL

Manual IntegrationsAPPROVED

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TIC: BN036234.D\data.ms

(8) 1-Methylnaphthalene

12.465min (+ 0.001) 0.28 ng/ul

response 4351

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	94.00	94.67
0.00	0.00	0.00
0.00	0.00	0.00

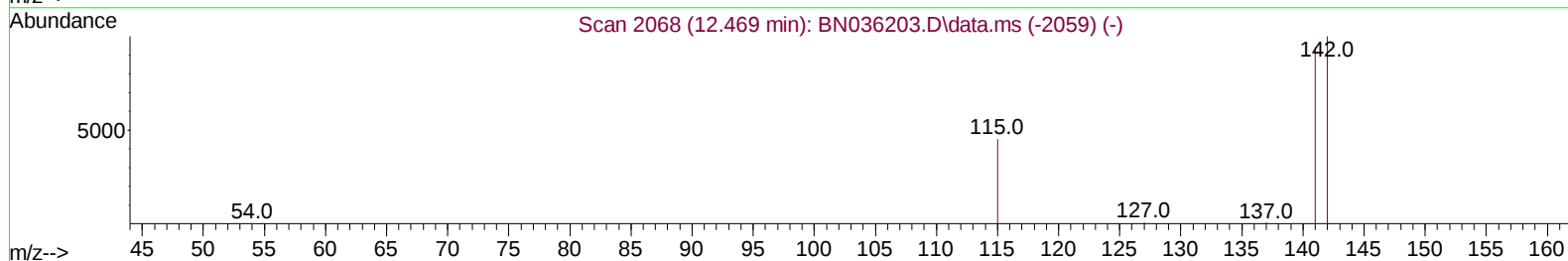
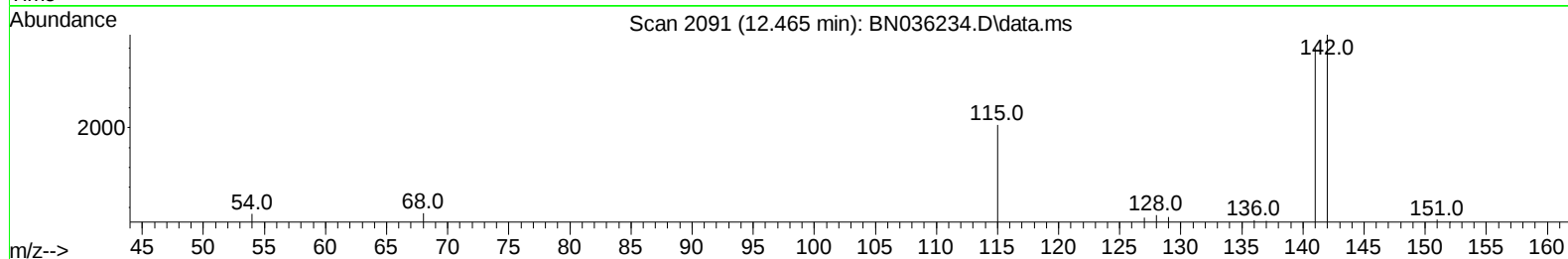
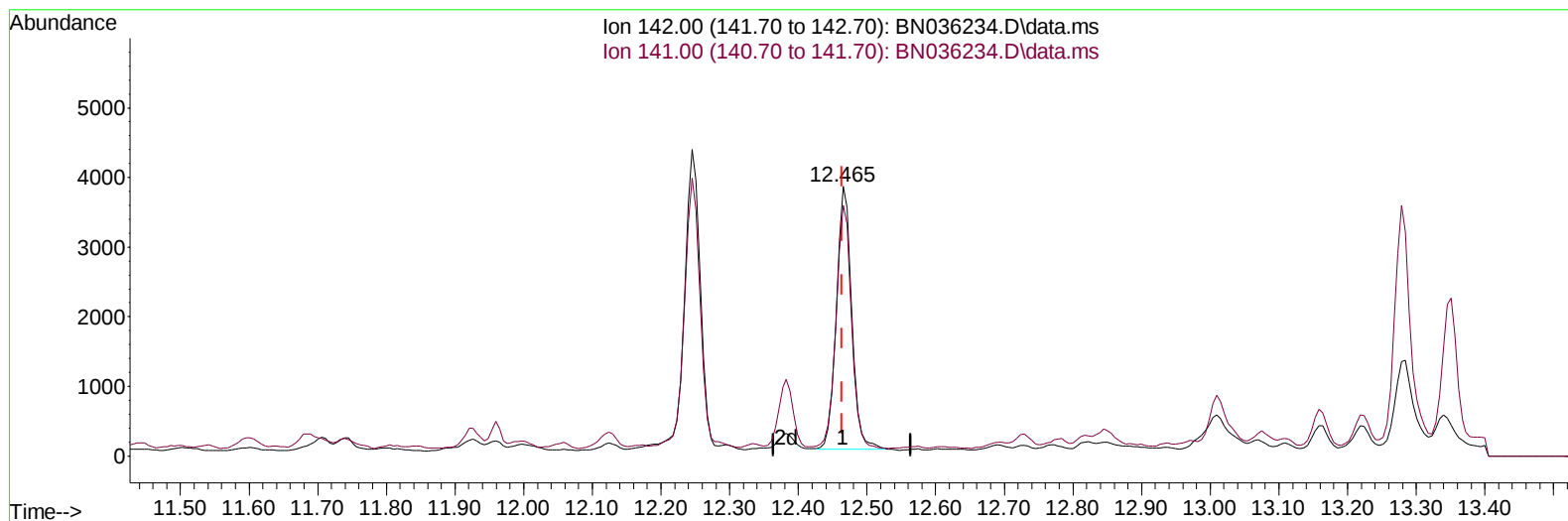
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020325\
Data File : BN036234.D
Acq On : 03 Feb 2025 18:13
Operator : RC/JU
Sample : Q1197-01DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964DL

Manual IntegrationsAPPROVED

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QLast Update : Mon Feb 03 12:27:24 2025
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Supervised By :mohammad ahmed 02/07/2025



TIC: BN036234.D\data.ms

(8) 1-Methylnaphthalene

12.465min (+ 0.001) 0.39 ng/ul m

response 5958

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	94.00	69.13#
0.00	0.00	0.00
0.00	0.00	0.00

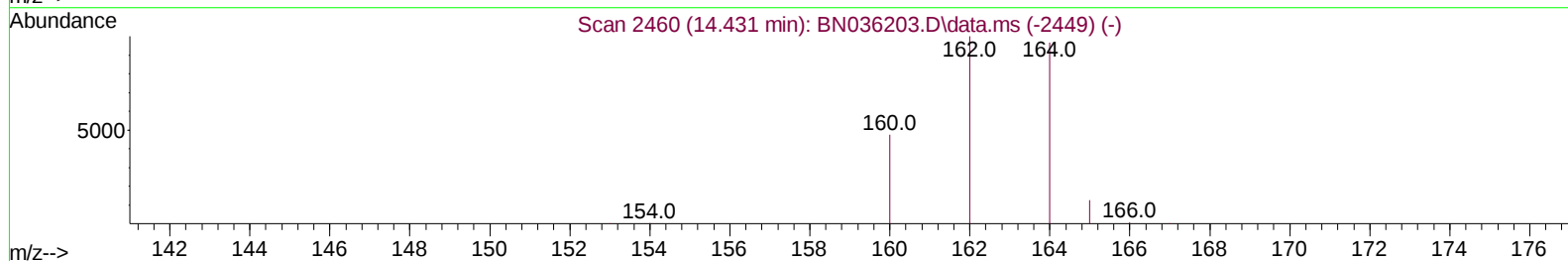
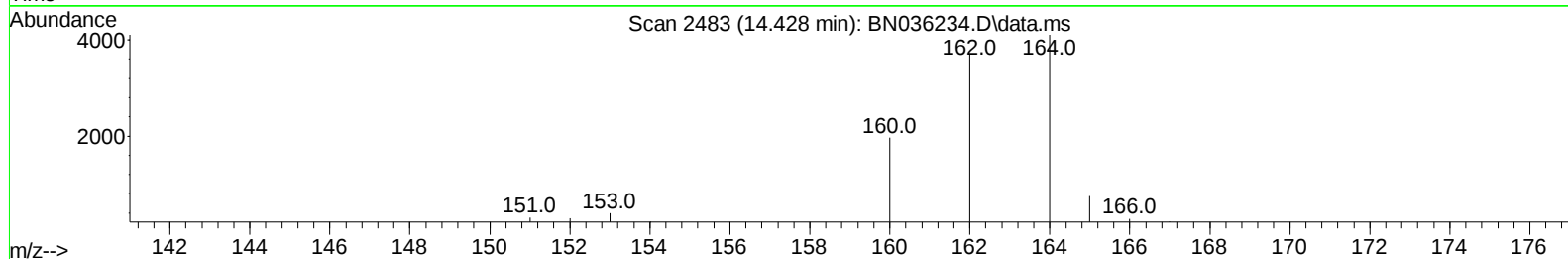
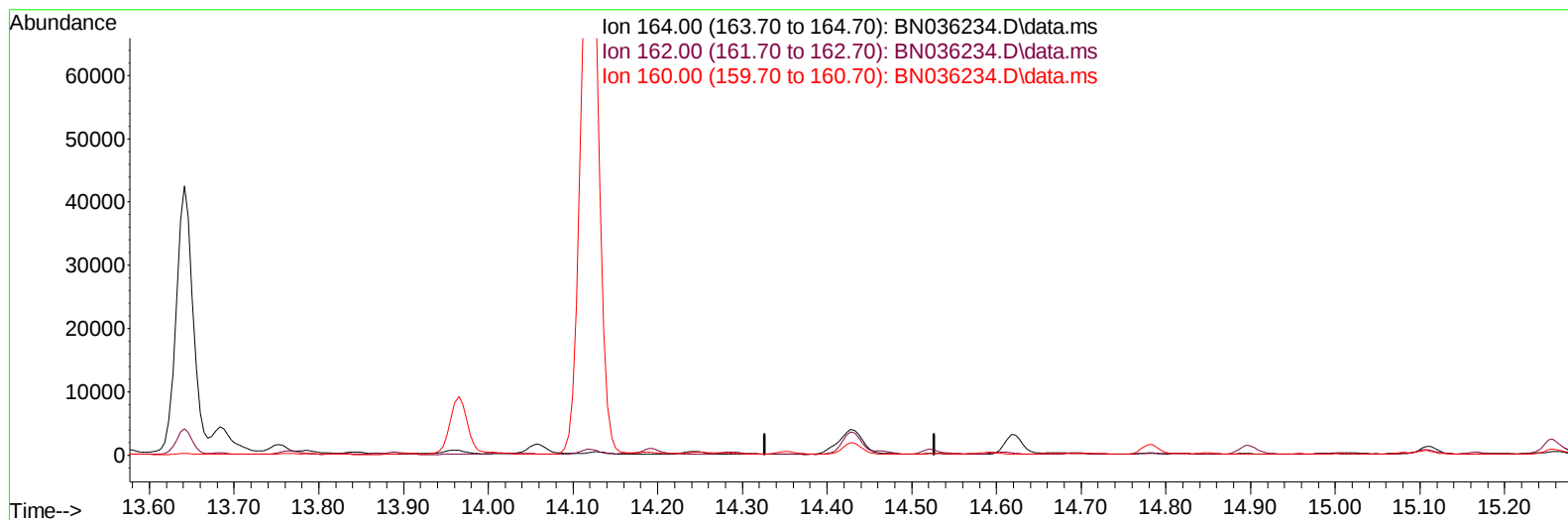
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020325\
Data File : BN036234.D
Acq On : 03 Feb 2025 18:13
Operator : RC/JU
Sample : Q1197-01DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964DL

Manual IntegrationsAPPROVED

Quant Time: Feb 04 07:40:38 2025
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TIC: BN036234.D\data.ms

(9) Acenaphthene-d10 (I)

14.427min (-14.427) 0.00 ng/u1

response 0

Ion	Exp%	Act%
164.00	100.00	0.00
162.00	106.40	0.00#
160.00	54.60	0.00#
0.00	0.00	0.00

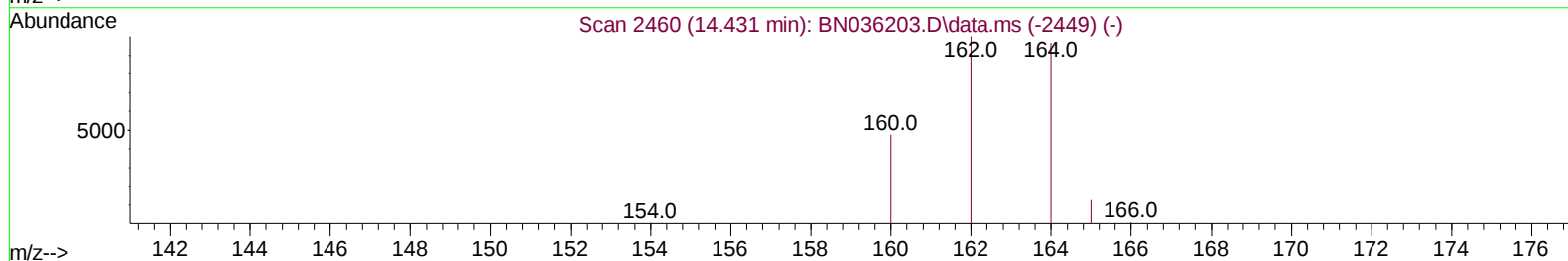
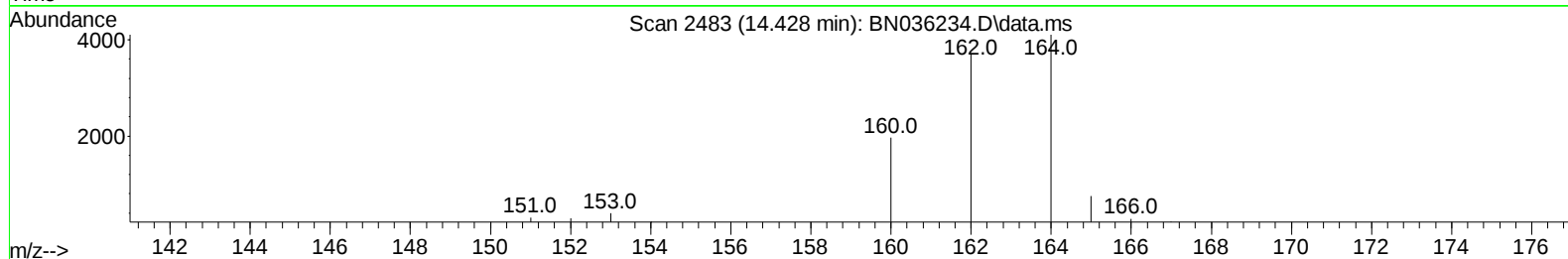
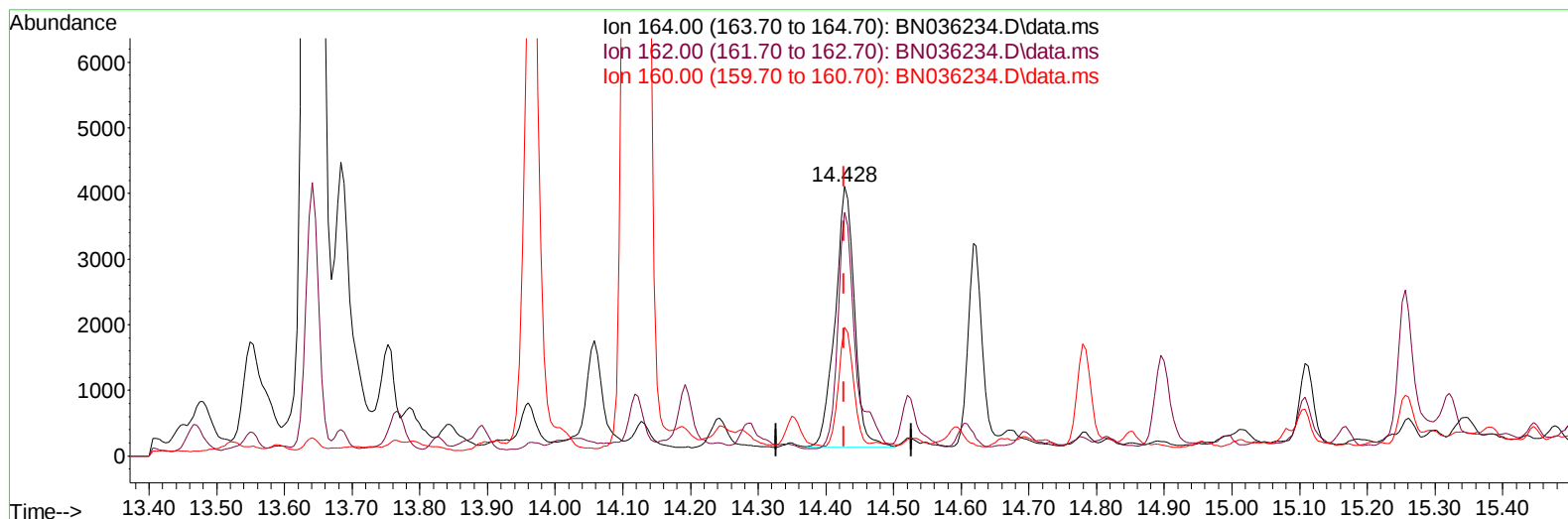
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020325\
Data File : BN036234.D
Acq On : 03 Feb 2025 18:13
Operator : RC/JU
Sample : Q1197-01DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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Reviewed By :Jagrut Upadhyay 02/04/2025
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TIC: BN036234.D\data.ms

(9) Acenaphthene-d10 (I)

14.428min (+ 0.001) 0.40 ng/ul m

response 7989

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.40	90.45
160.00	54.60	47.83
0.00	0.00	0.00

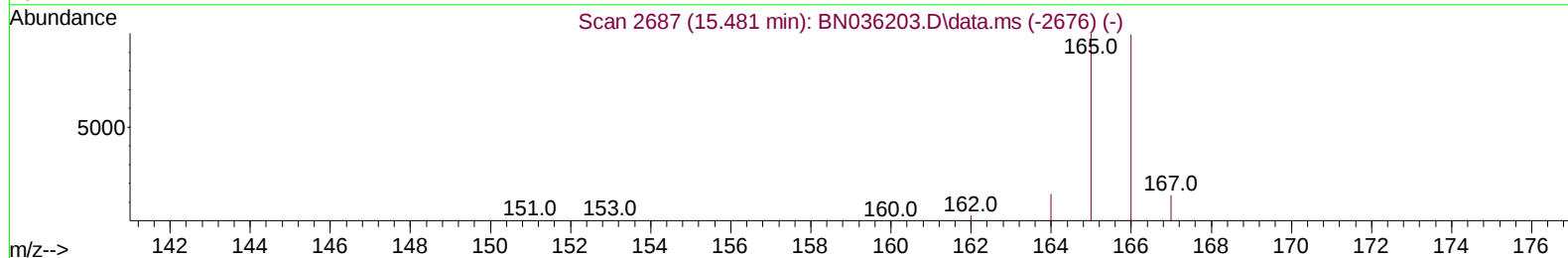
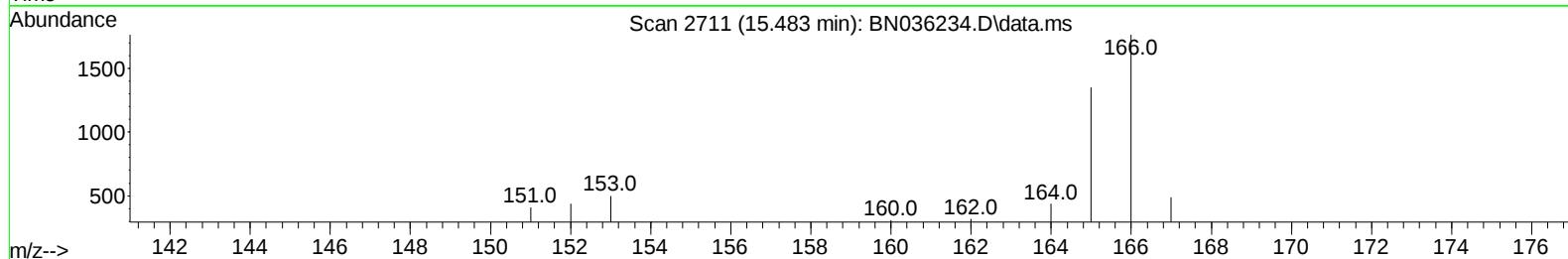
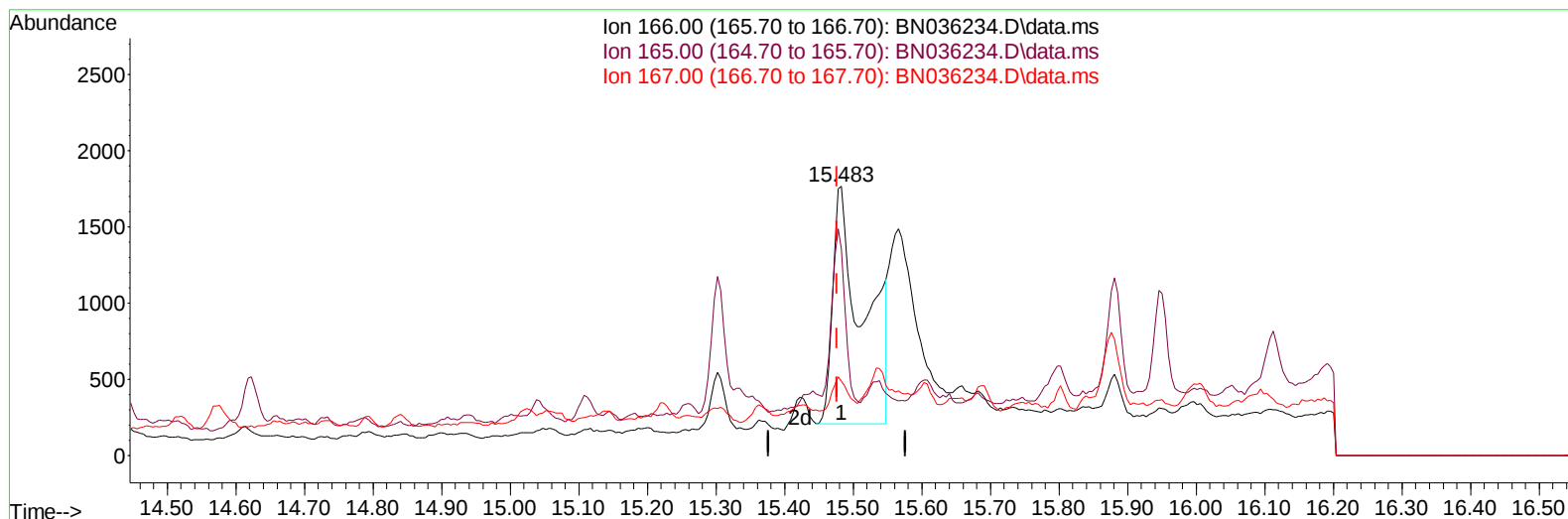
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020325\
Data File : BN036234.D
Acq On : 03 Feb 2025 18:13
Operator : RC/JU
Sample : Q1197-01DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964DL

Manual IntegrationsAPPROVED

Quant Time: Feb 04 07:40:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
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TIC: BN036234.D\data.ms

(12) Fluorene

15.483min (+ 0.006) 0.15 ng/u1

response 4727

Ion	Exp%	Act%
166.00	100.00	100.00
165.00	100.40	76.66#
167.00	15.40	27.76#
0.00	0.00	0.00

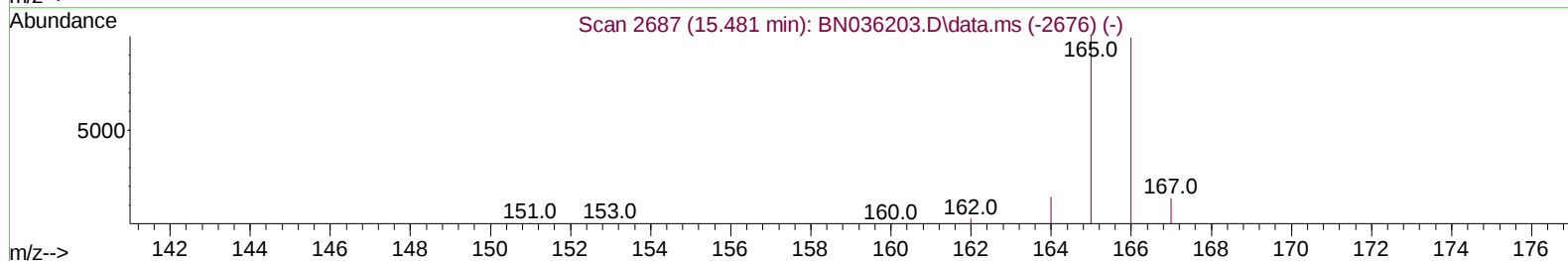
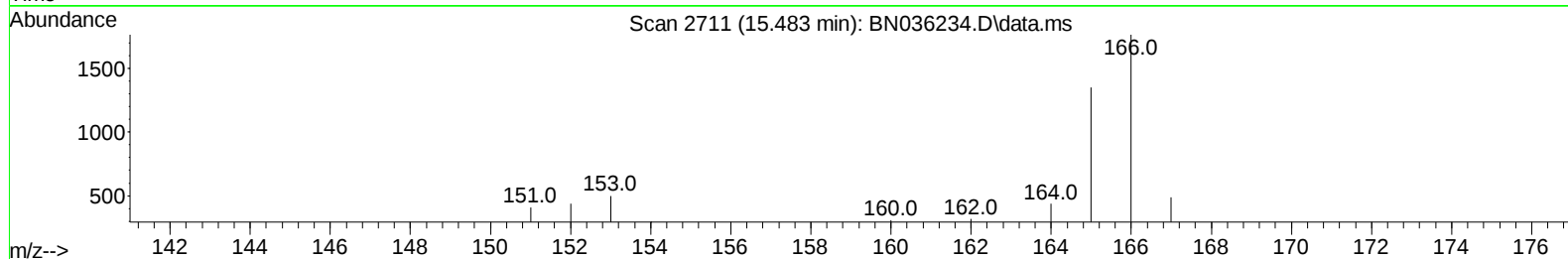
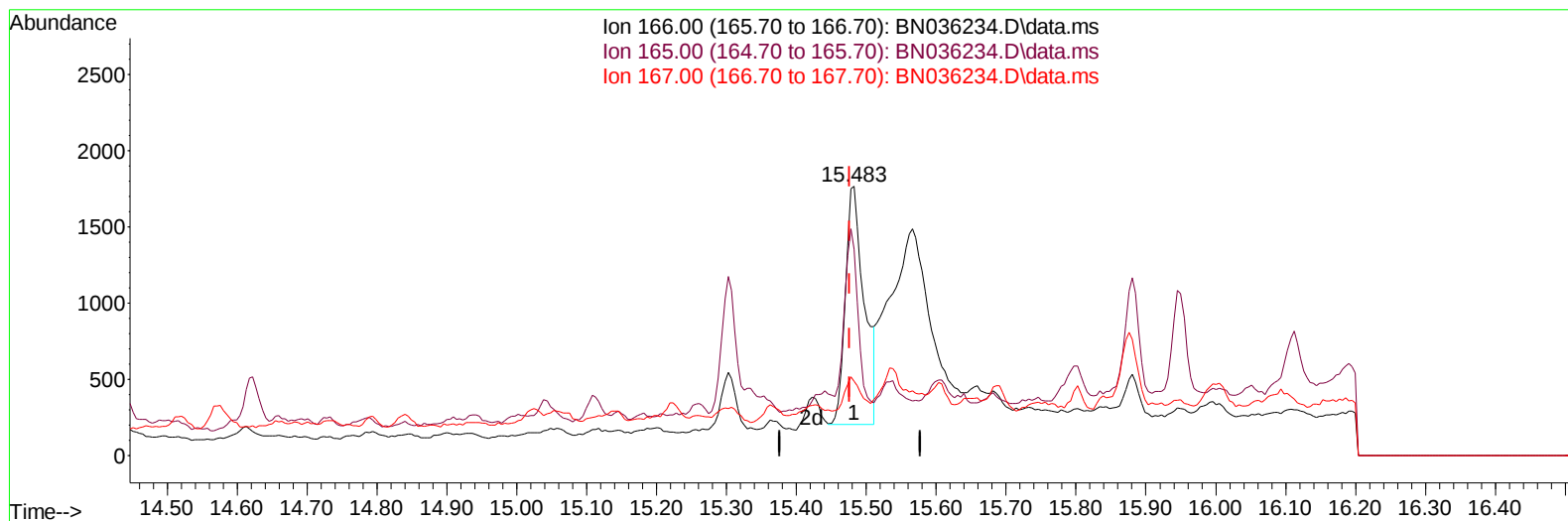
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020325\
Data File : BN036234.D
Acq On : 03 Feb 2025 18:13
Operator : RC/JU
Sample : Q1197-01DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964DL

Manual IntegrationsAPPROVED

Quant Time: Feb 04 07:40:38 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 : Mon Feb 03 12:27:24 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/07/2025



TIC: BN036234.D\data.ms

(12) Fluorene

15.483min (+ 0.006) 0.10 ng/ul m

response 2956

Ion	Exp%	Act%
166.00	100.00	100.00
165.00	100.40	76.66#
167.00	15.40	27.76#
0.00	0.00	0.00

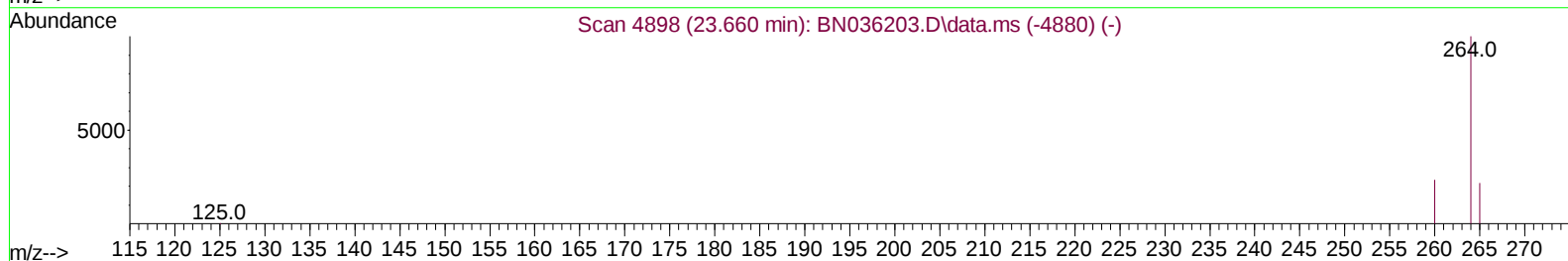
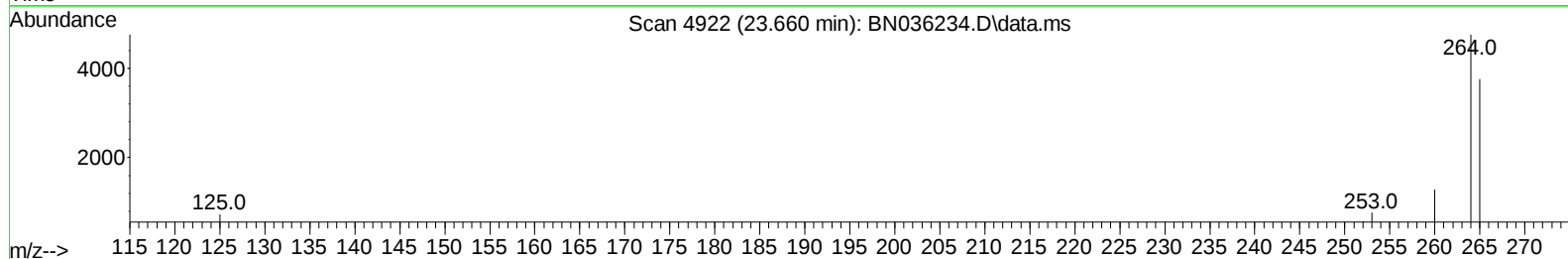
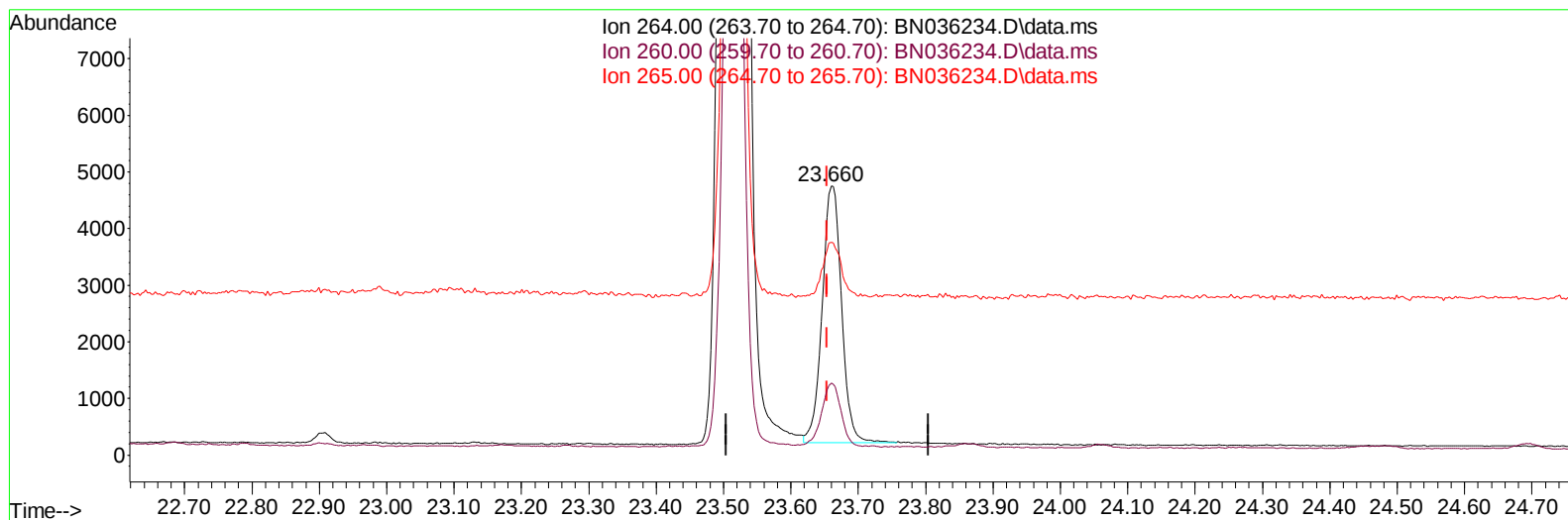
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020325\
Data File : BN036234.D
Acq On : 03 Feb 2025 18:13
Operator : RC/JU
Sample : Q1197-01DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964DL

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 02/07/2025

Quant Time: Feb 04 07:40:38 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 12:27:24 2025
Response via : Initial Calibration



TIC: BN036234.D\data.ms

(23) Perylene-d12 (I)

23.660min (+ 0.005) 0.40 ng/u1

response 9054

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	26.89
265.00	53.20	79.07#
0.00	0.00	0.00

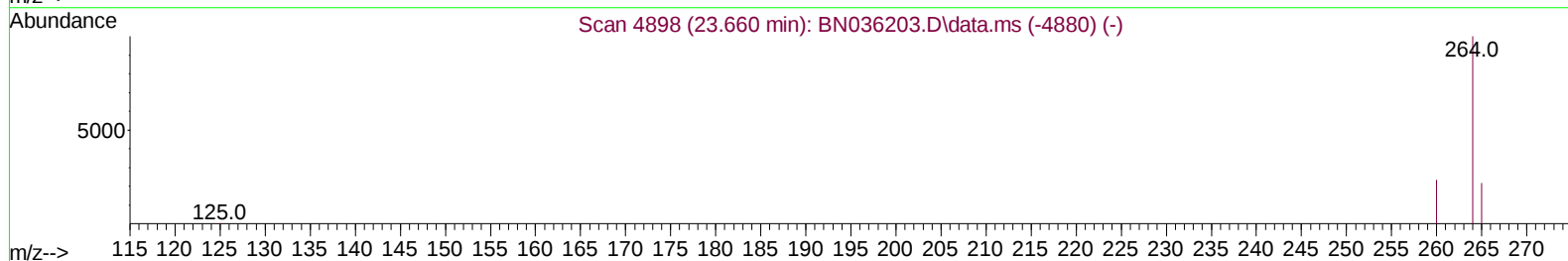
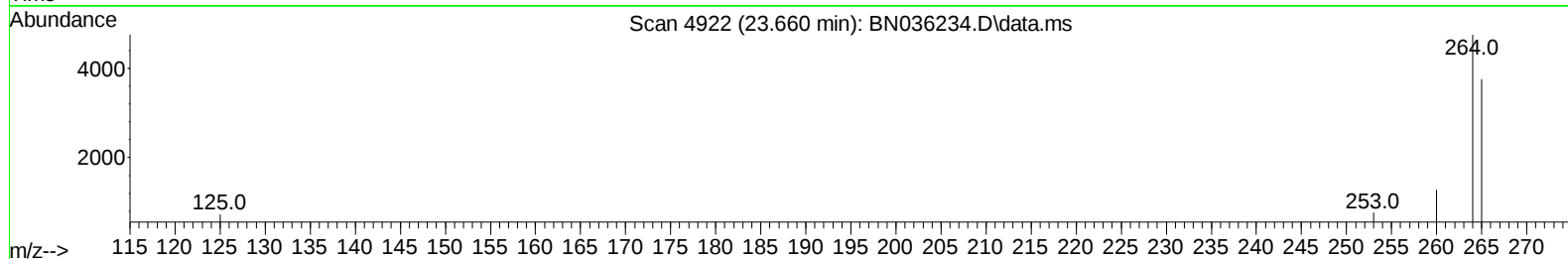
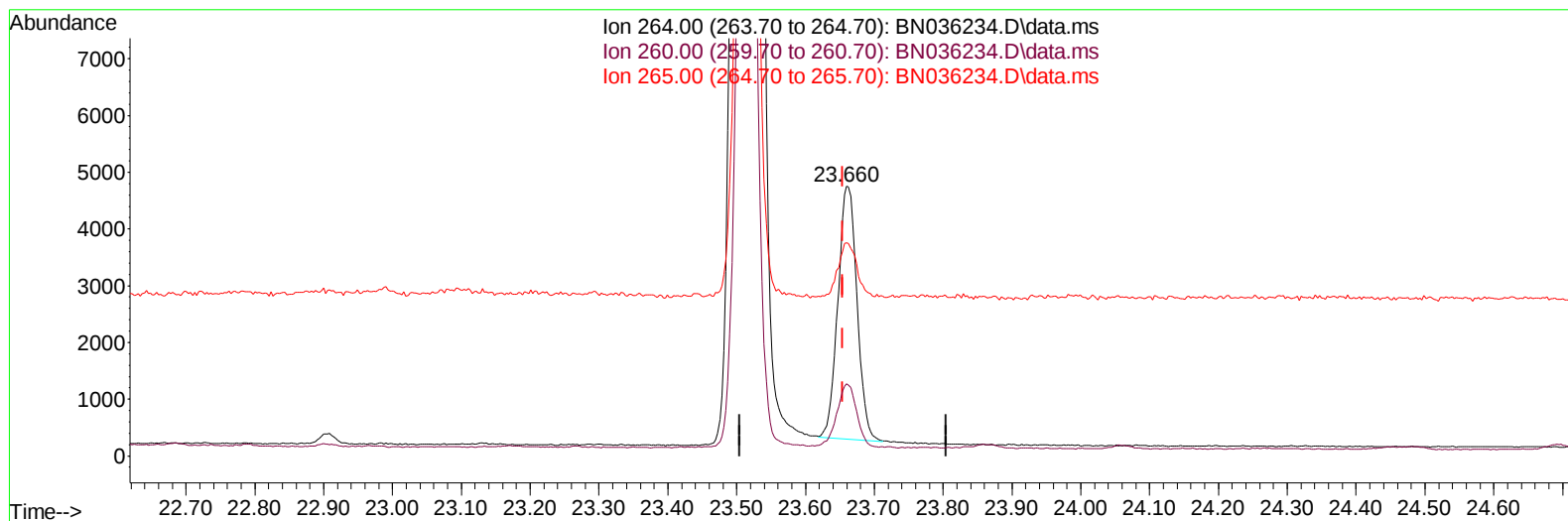
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020325\
Data File : BN036234.D
Acq On : 03 Feb 2025 18:13
Operator : RC/JU
Sample : Q1197-01DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2964DL

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/07/2025

Quant Time: Feb 04 07:40:38 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 : Mon Feb 03 12:27:24 2025
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TIC: BN036234.D\data.ms

(23) Perylene-d12 (I)

23.660min (+ 0.005) 0.40 ng/ul m

response 8577

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	26.89
265.00	53.20	79.07#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020325\
 Data File : BN036234.D
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 Sample : Q1197-01DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2964DL

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.787	152		3359	0.400	ng/ul	0.00
4) Naphthalene-d8	10.579	136		8822m	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.428	164		7989m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.175	188		9816	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.368	240		9575	0.400	ng/ul	# 0.00
23) Perylene-d12	23.660	264		8577m	0.400	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.260	96		1955	0.532	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.174	152		829m	0.074	ng/ul	0.00
18) Fluoranthene-d10	19.207	212		1891	0.072	ng/ul	0.00
Target Compounds					Qvalue		
5) Naphthalene	10.628	128		62216m	2.560	ng/ul	
7) 2-Methylnaphthalene	12.245	142		6918m	0.458	ng/ul	
8) 1-Methylnaphthalene	12.465	142		5958m	0.389	ng/ul	
10) Acenaphthylene	14.150	152		1126	0.030	ng/ul#	37
11) Acenaphthene	14.493	153		2929	0.106	ng/ul	94
12) Fluorene	15.483	166		2956m	0.097	ng/ul	
14) Pentachlorophenol	16.829	266		101	0.029	ng/ul	94
15) Phenanthrene	17.218	178		4668	0.162	ng/ul#	73
16) Anthracene	17.302	178		3782	0.142	ng/ul#	16
19) Fluoranthene	19.235	202		1297	0.036	ng/ul#	43
20) Pyrene	19.602	202		1470	0.039	ng/ul#	34

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

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