

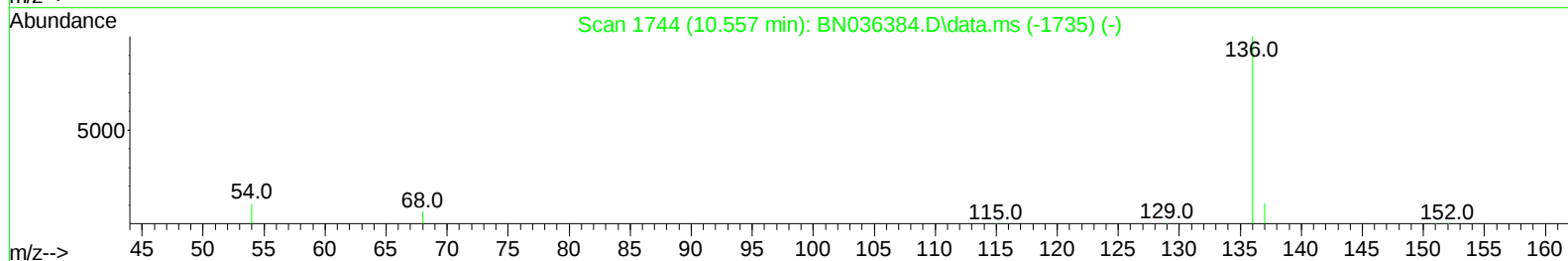
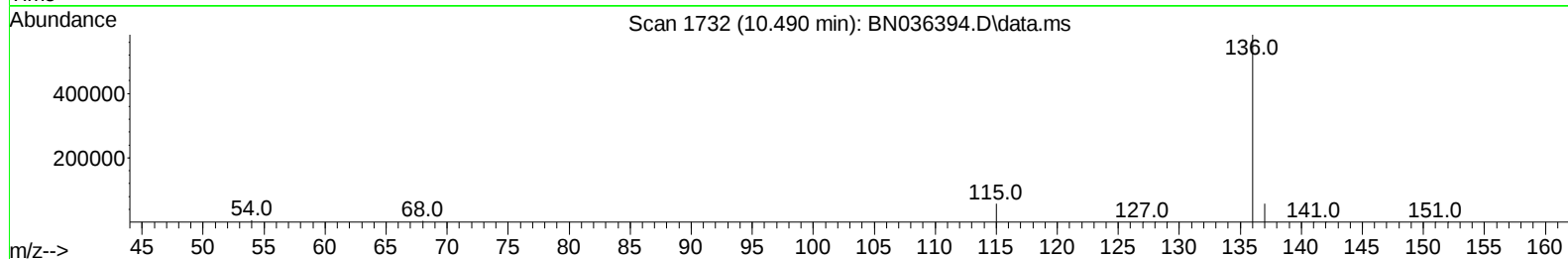
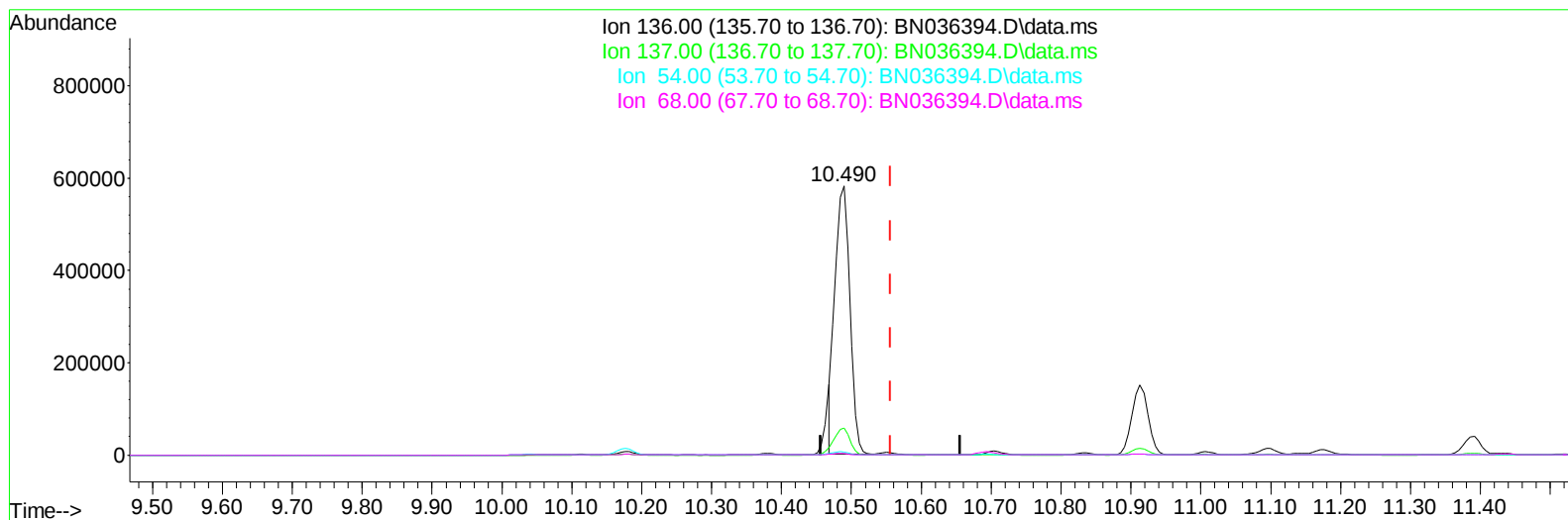
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036394.D
Acq On : 08 Feb 2025 04:14
Operator : RC/JU
Sample : Q1202-18
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29B1

Manual IntegrationsAPPROVED

Quant Time: Feb 11 15:29:39 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: BN036394.D\data.ms

(4) Naphthalene-d8 (I)

10.490min (-0.067) 0.40 ng/u1

response 869836

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	12.70	10.00#
54.00	12.80	1.15#
68.00	8.10	0.67#

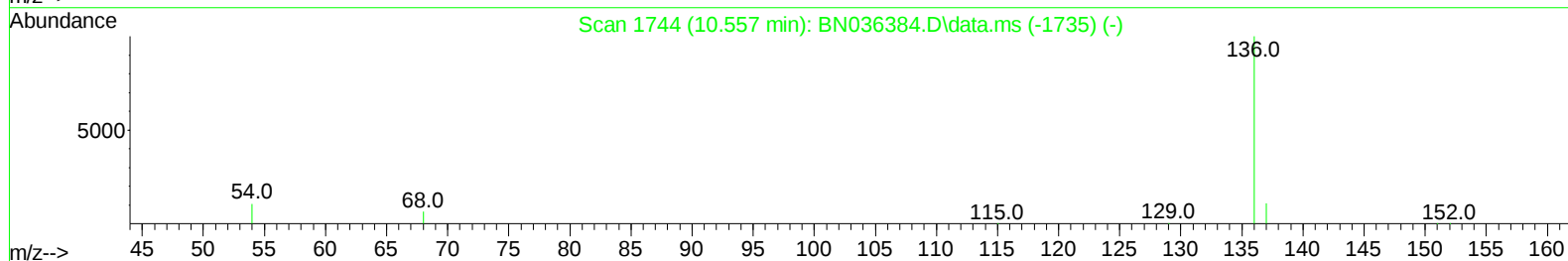
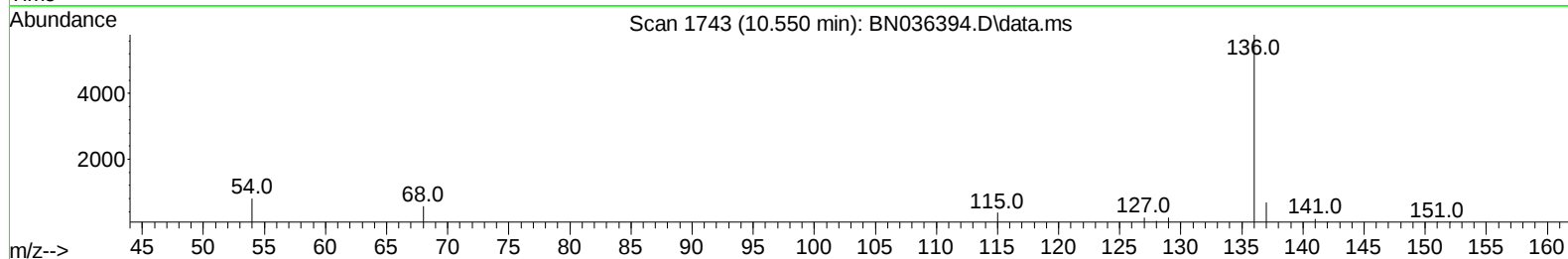
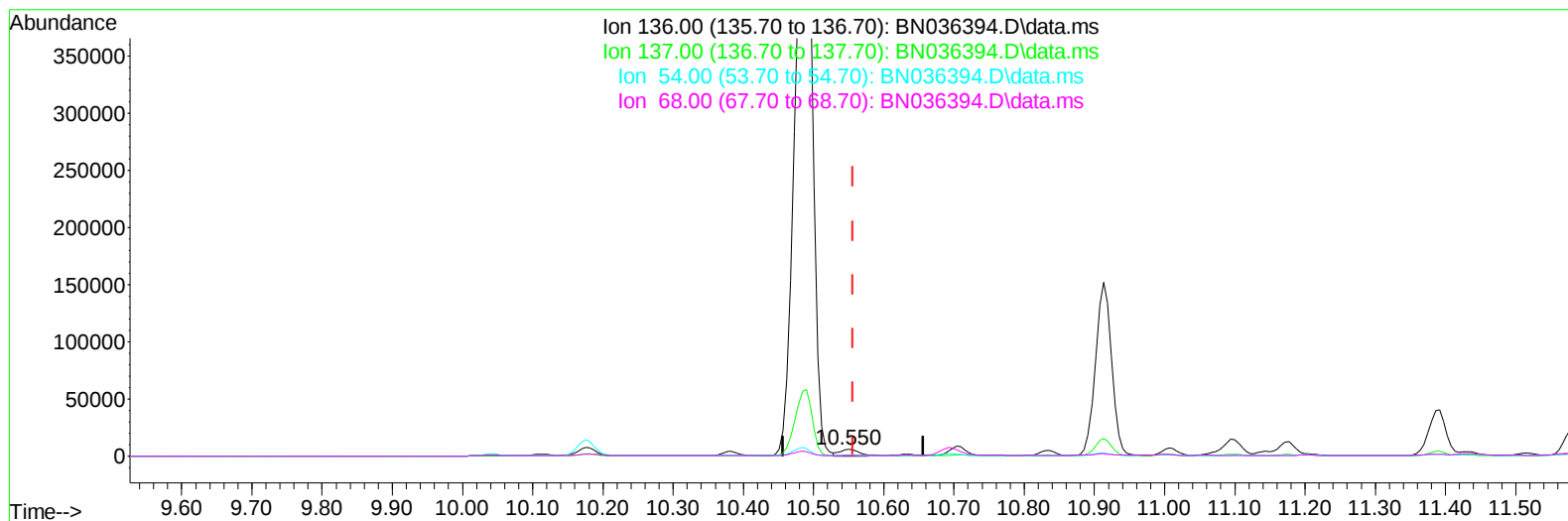
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036394.D
Acq On : 08 Feb 2025 04:14
Operator : RC/JU
Sample : Q1202-18
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29B1

Manual IntegrationsAPPROVED

Quant Time: Feb 11 15:29:39 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: BN036394.D\data.ms

(4) Naphthalene-d8 (I)

10.550min (-0.007) 0.40 ng/ul m

response 10798

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	12.70	11.80
54.00	12.80	13.93
68.00	8.10	9.96#

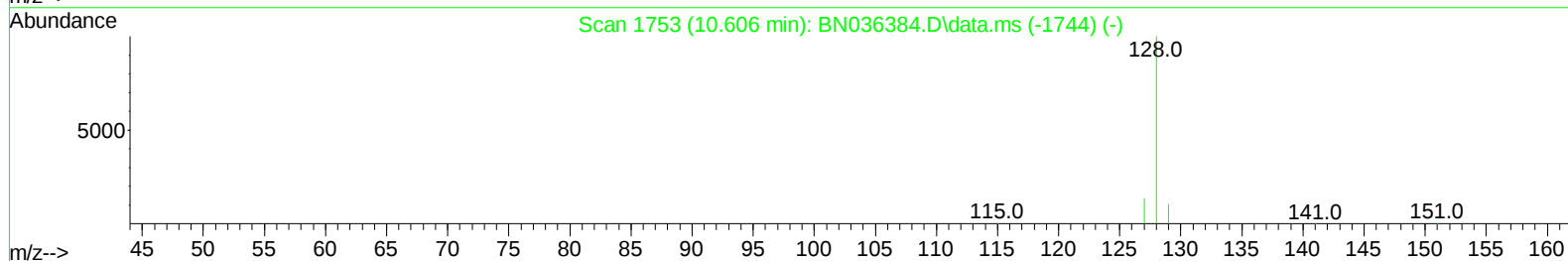
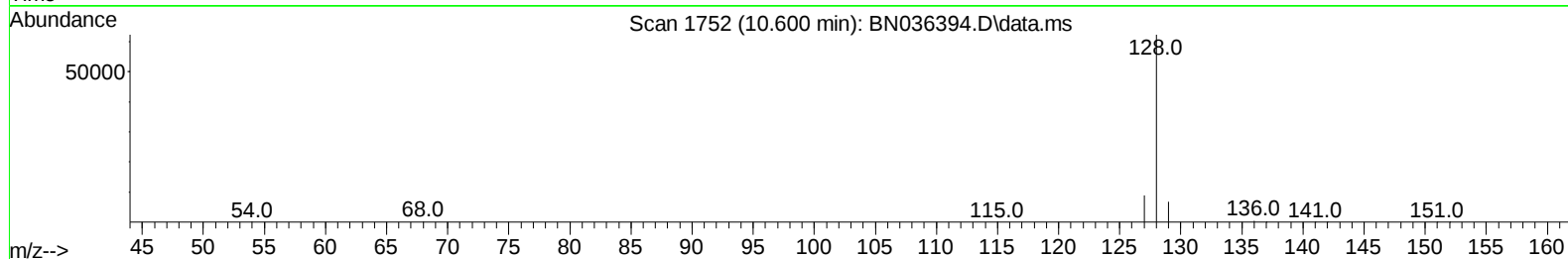
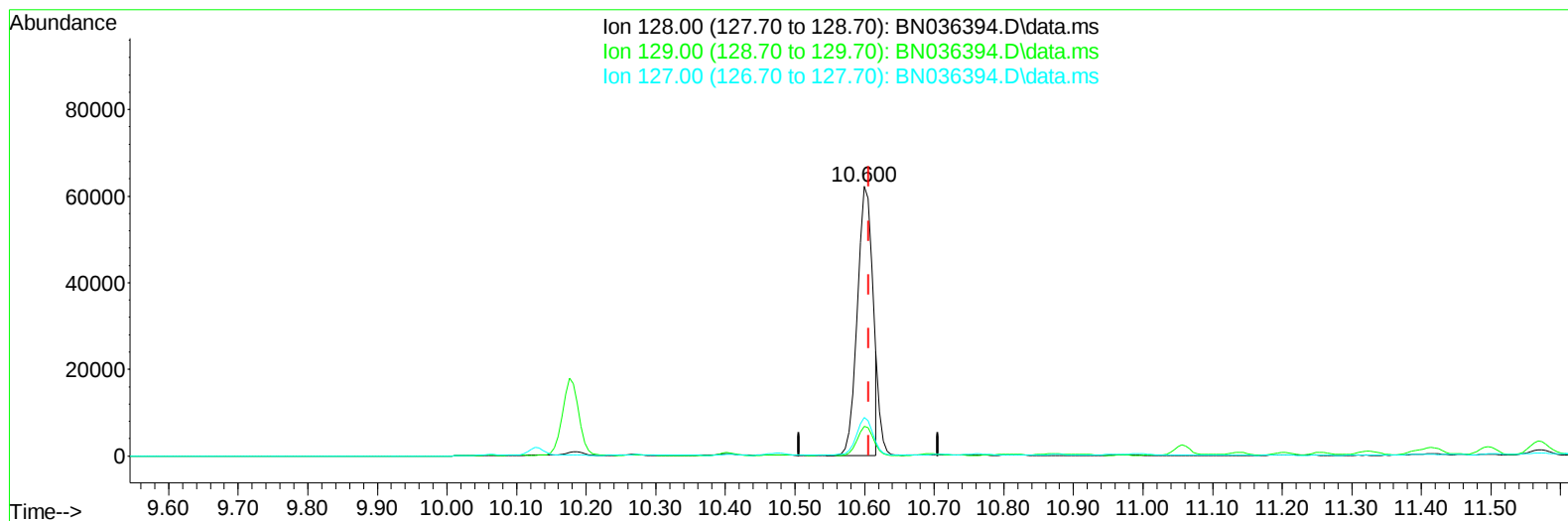
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Data File : BN036394.D
Acq On : 08 Feb 2025 04:14
Operator : RC/JU
Sample : Q1202-18
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29B1

Manual IntegrationsAPPROVED

Quant Time: Feb 11 15:29:39 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
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TIC: BN036394.D\data.ms

(5) Naphthalene

10.600min (-0.007) 3.22 ng/u1

response 95663

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	12.00	11.08
127.00	15.00	14.25
0.00	0.00	0.00

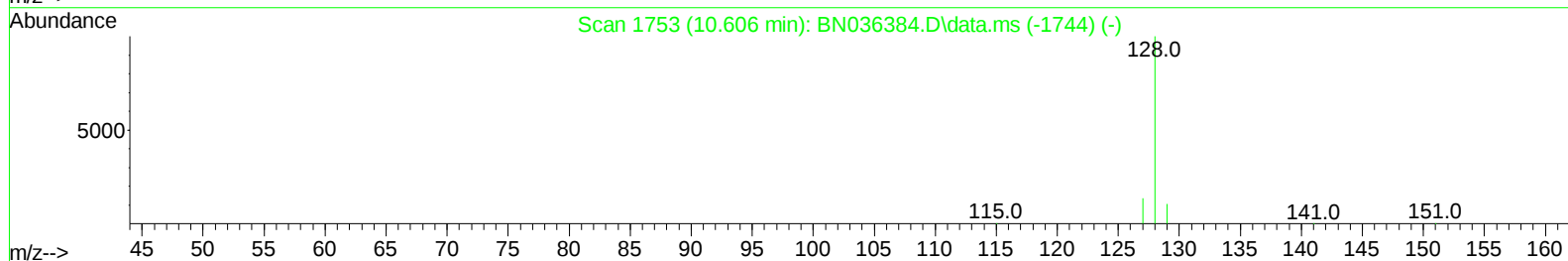
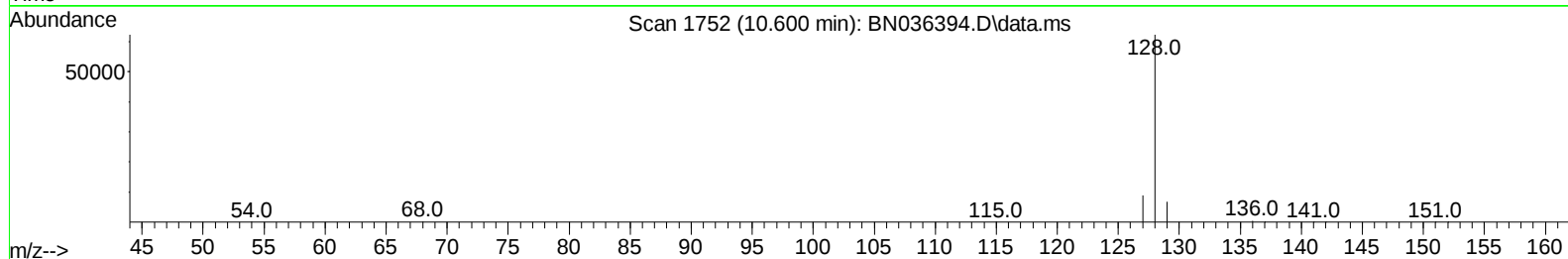
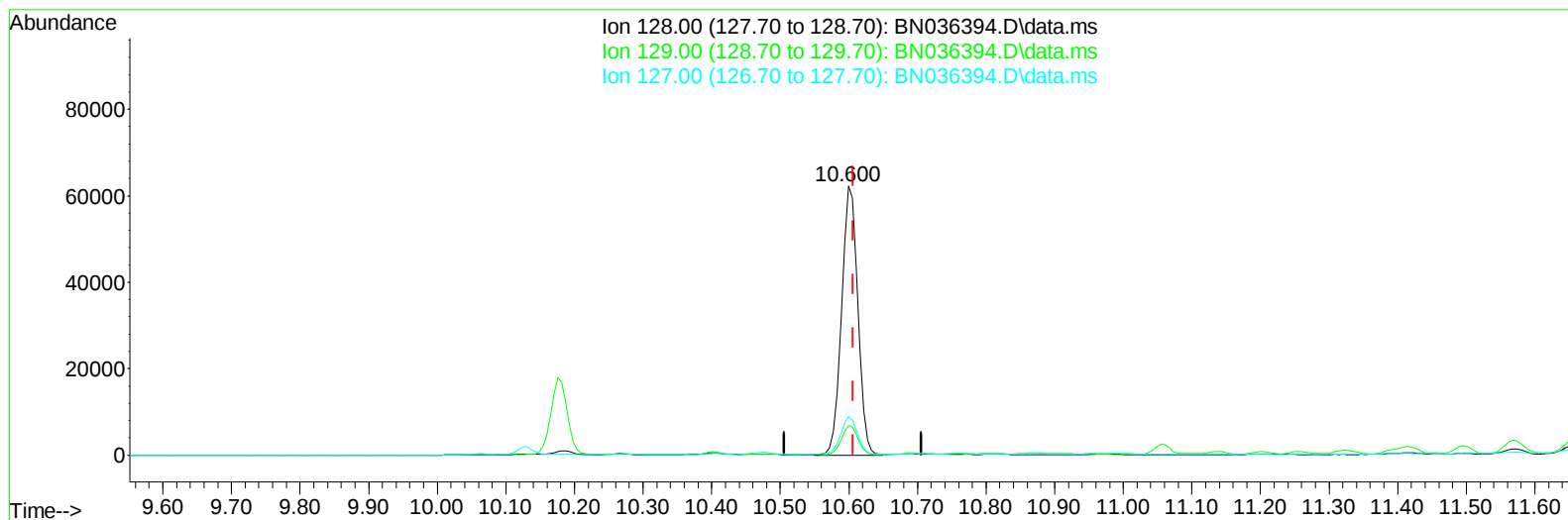
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036394.D
Acq On : 08 Feb 2025 04:14
Operator : RC/JU
Sample : Q1202-18
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29B1

Manual IntegrationsAPPROVED

Quant Time: Feb 11 15:29:39 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
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TIC: BN036394.D\data.ms

(5) Naphthalene

10.600min (-0.007) 3.41 ng/ul m

response 101318

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	12.00	11.08
127.00	15.00	14.25
0.00	0.00	0.00

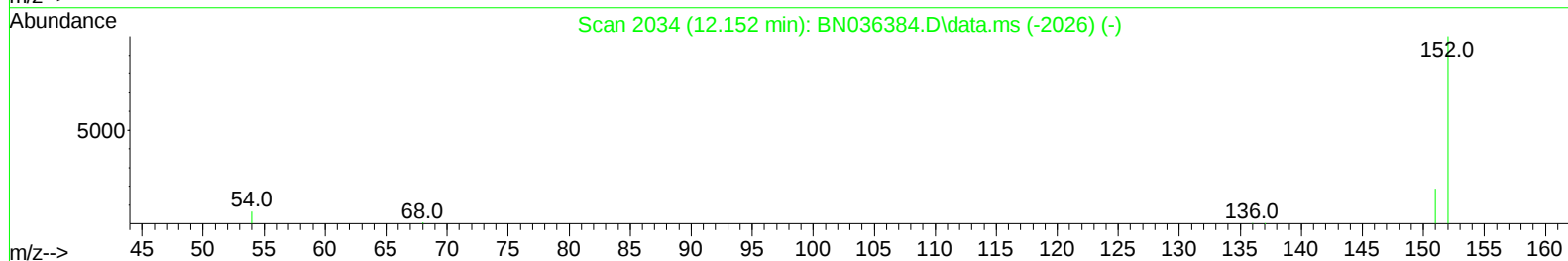
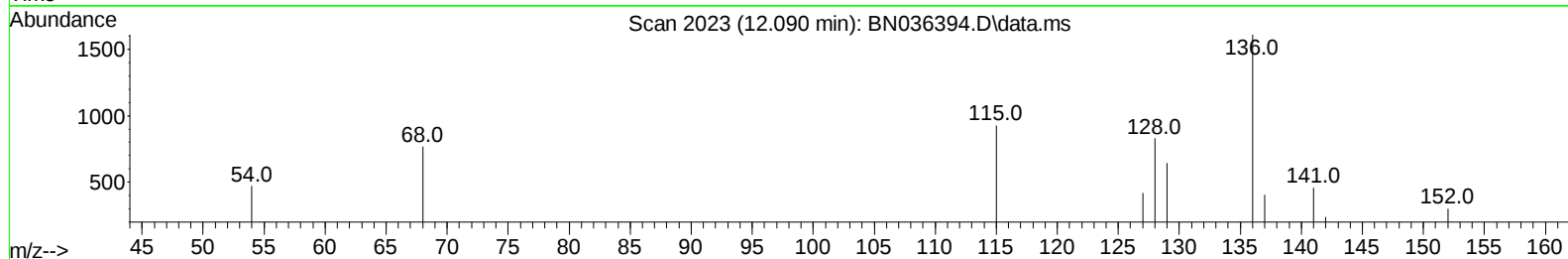
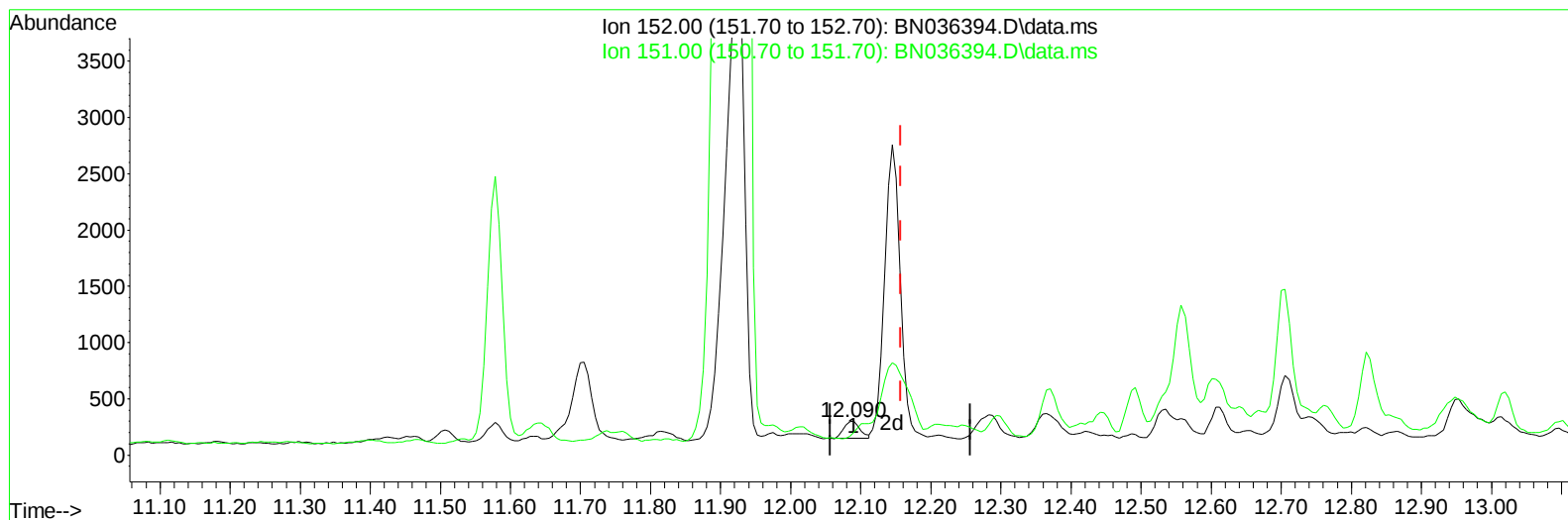
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036394.D
Acq On : 08 Feb 2025 04:14
Operator : RC/JU
Sample : Q1202-18
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29B1

Manual IntegrationsAPPROVED

Quant Time: Feb 11 15:29:39 2025
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TIC: BN036394.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.090min (-0.067) 0.02 ng/u1

response 245

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

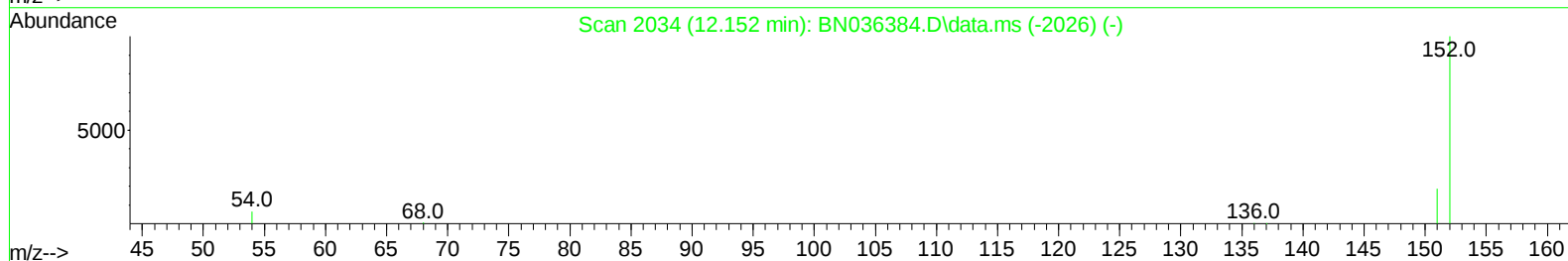
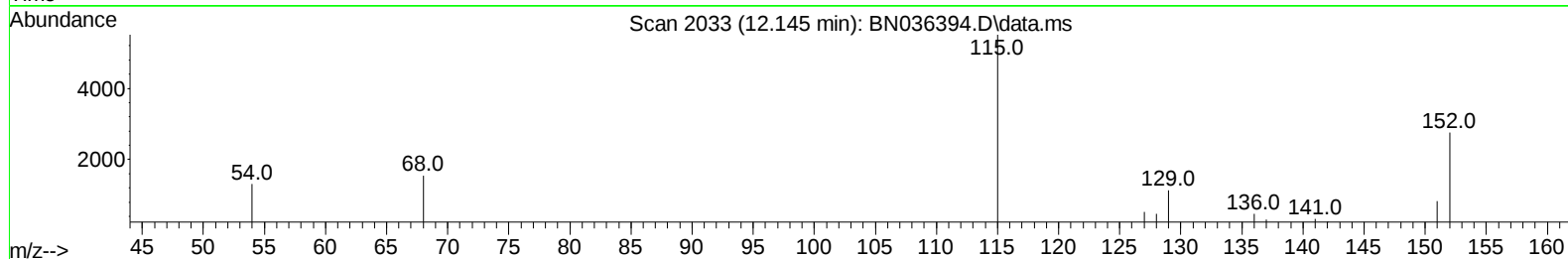
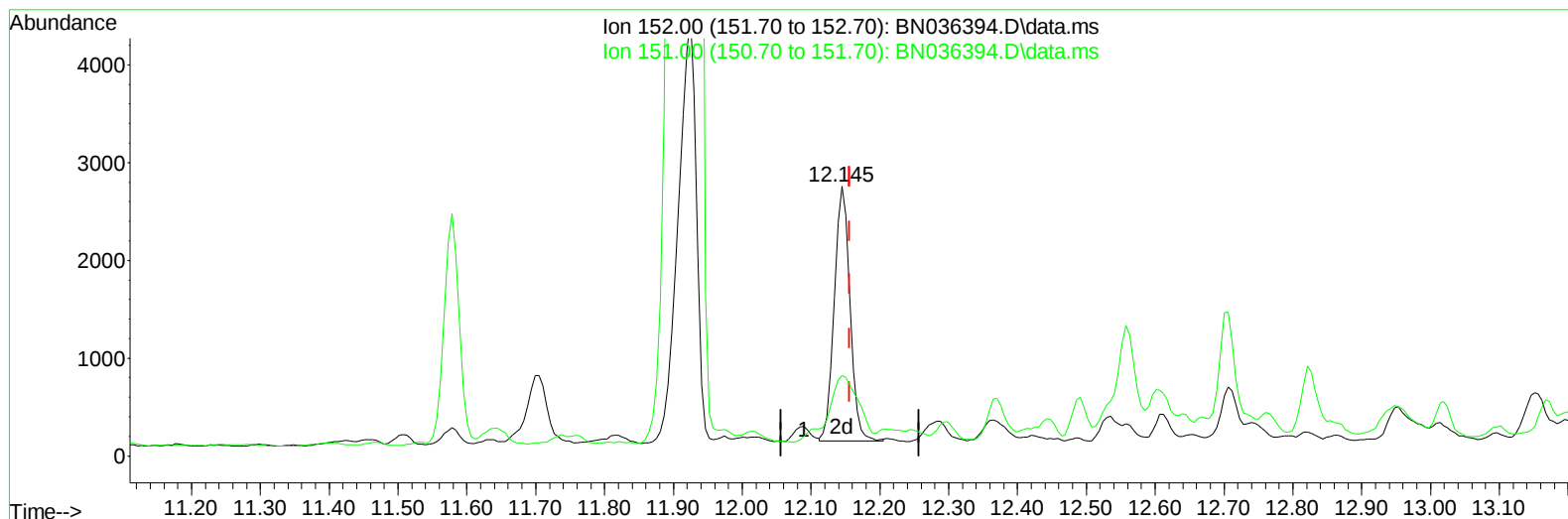
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Data File : BN036394.D
Acq On : 08 Feb 2025 04:14
Operator : RC/JU
Sample : Q1202-18
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29B1

Manual IntegrationsAPPROVED

Quant Time: Feb 11 15:29:39 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

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TIC: BN036394.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.145min (-0.012) 0.30 ng/u1 m

response 4112

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

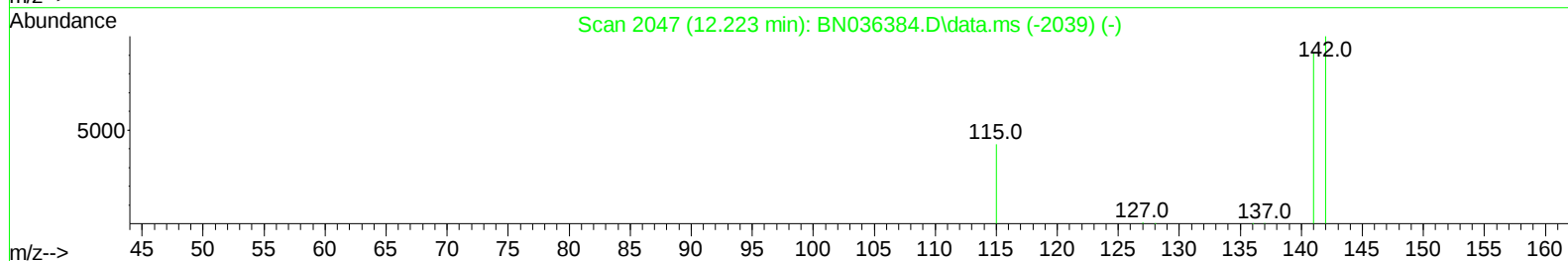
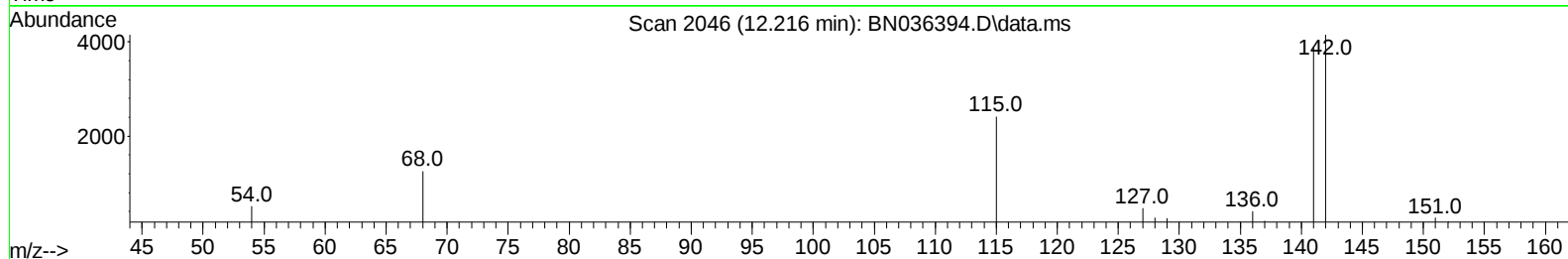
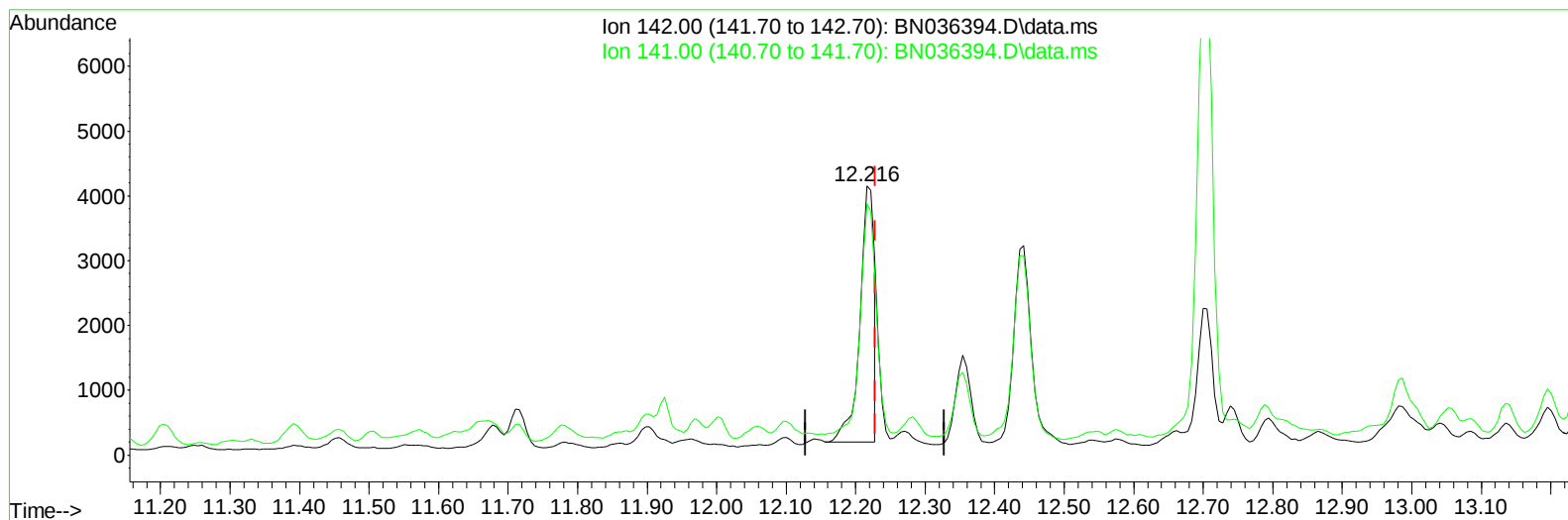
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036394.D
Acq On : 08 Feb 2025 04:14
Operator : RC/JU
Sample : Q1202-18
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29B1

Manual IntegrationsAPPROVED

Quant Time: Feb 11 15:29:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
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TIC: BN036394.D\data.ms

(7) 2-Methylnaphthalene

12.216min (-0.012) 0.31 ng/u1

response 5745

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	89.90	86.82
0.00	0.00	0.00
0.00	0.00	0.00

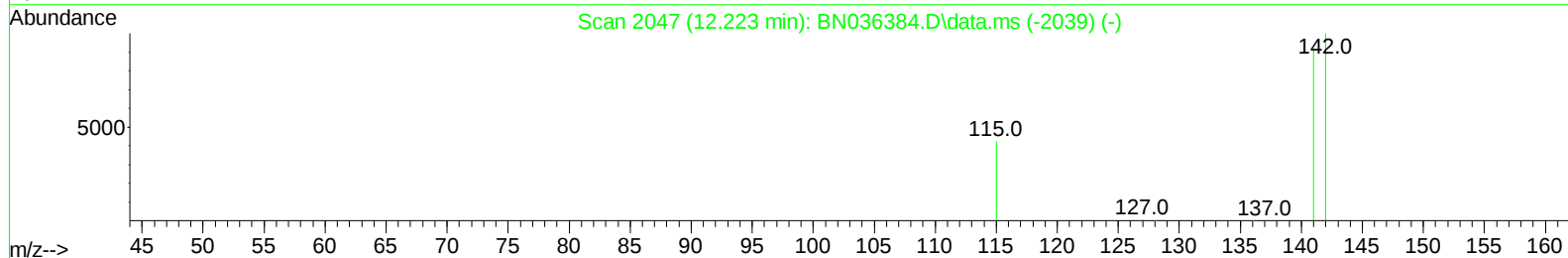
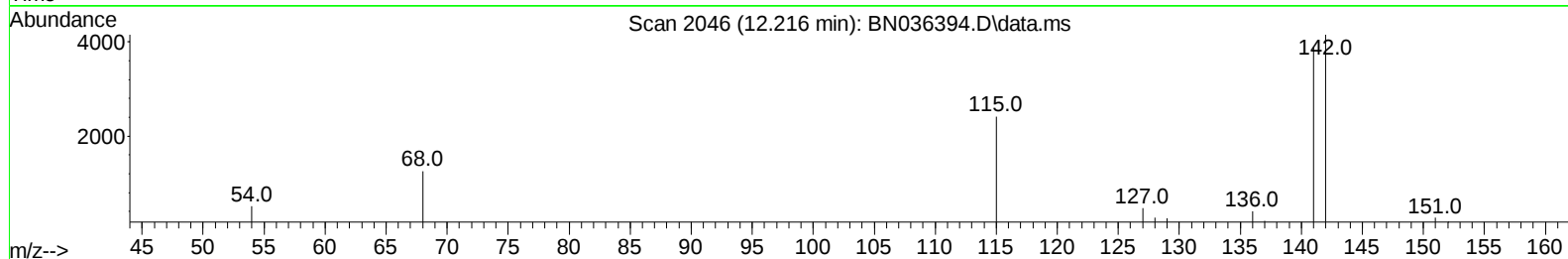
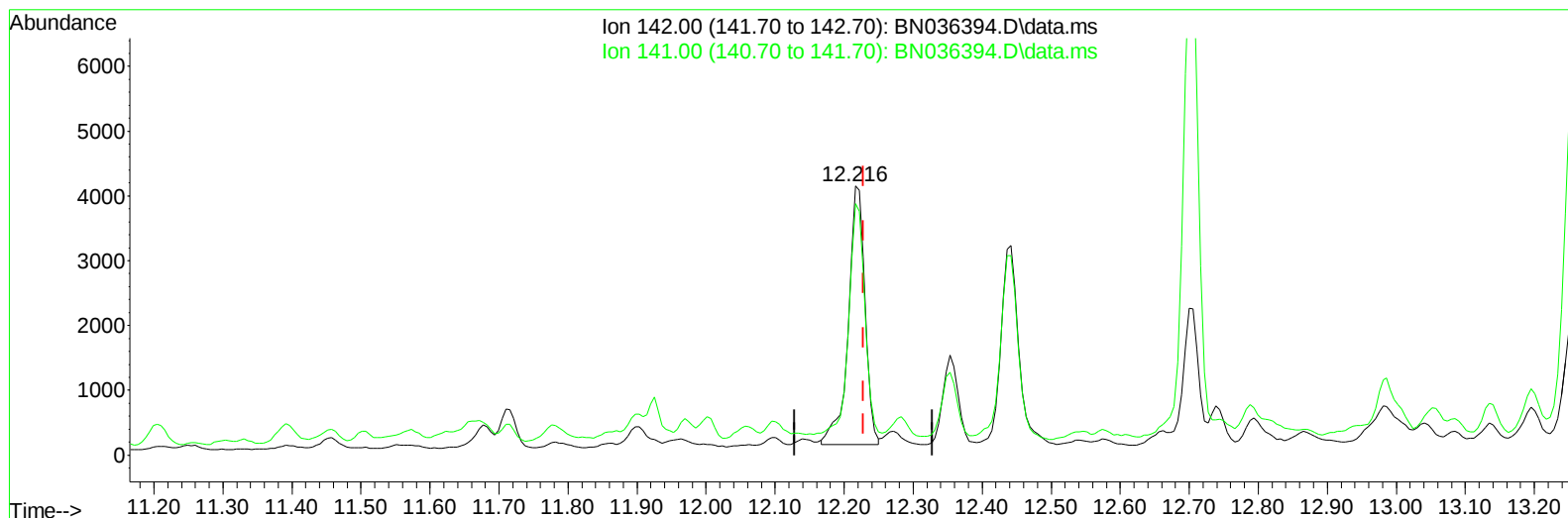
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036394.D
Acq On : 08 Feb 2025 04:14
Operator : RC/JU
Sample : Q1202-18
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29B1

Manual IntegrationsAPPROVED

Quant Time: Feb 11 15:29:39 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

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TIC: BN036394.D\data.ms

(7) 2-Methylnaphthalene

12.216min (-0.012) 0.36 ng/u1 m

response 6675

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	89.90	74.73
0.00	0.00	0.00
0.00	0.00	0.00

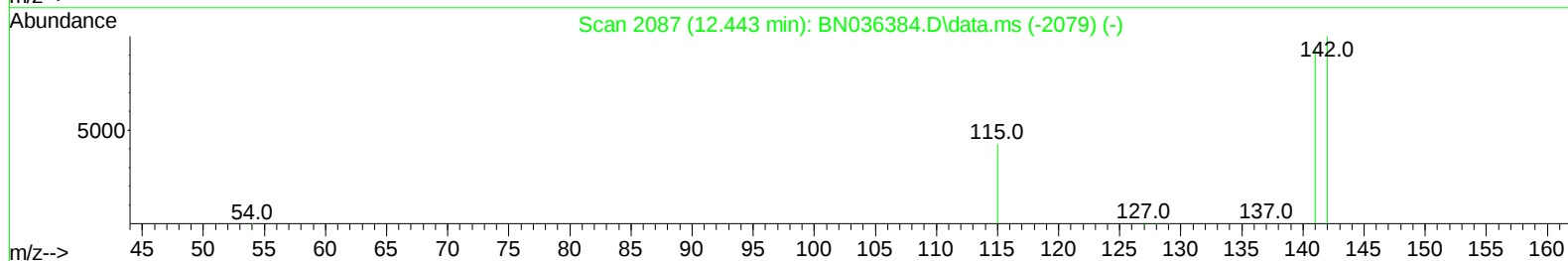
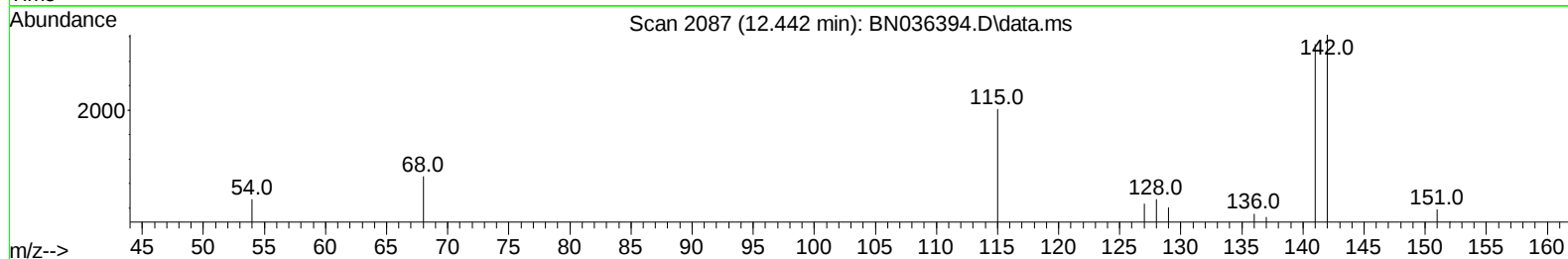
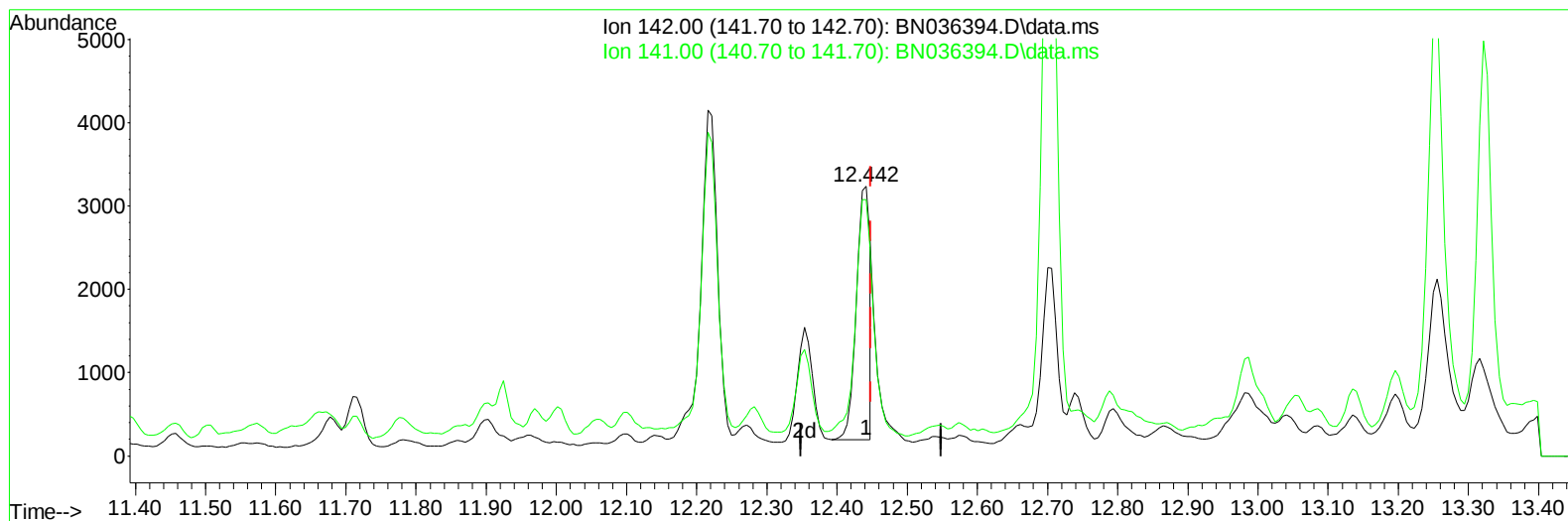
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036394.D
Acq On : 08 Feb 2025 04:14
Operator : RC/JU
Sample : Q1202-18
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29B1

Manual IntegrationsAPPROVED

Quant Time: Feb 11 15:29:39 2025
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TIC: BN036394.D\data.ms

(8) 1-Methylnaphthalene

12.442min (-0.007) 0.22 ng/u1

response 4191

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	94.00	95.35
0.00	0.00	0.00
0.00	0.00	0.00

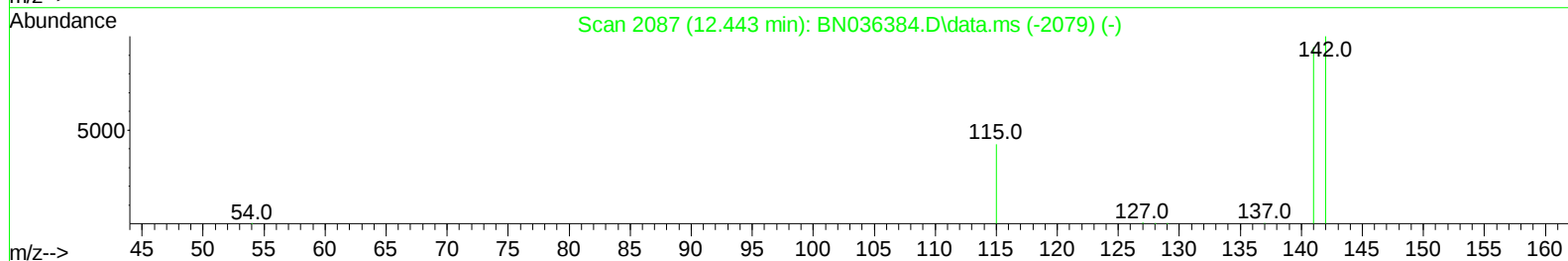
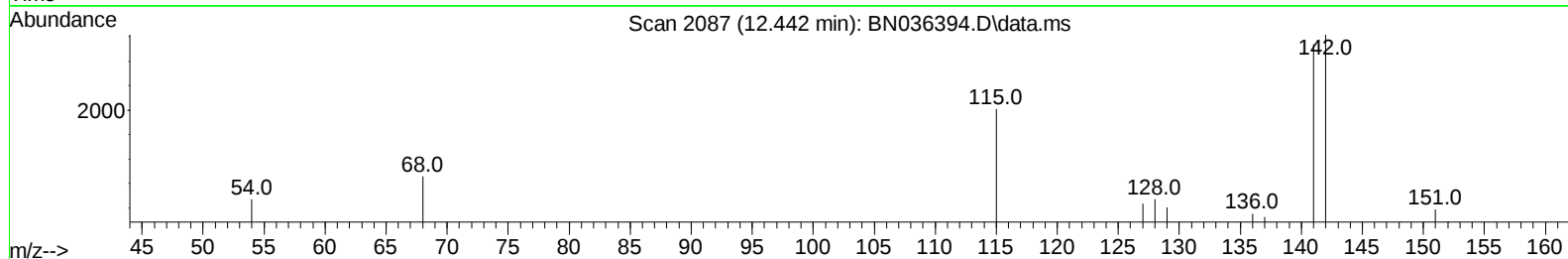
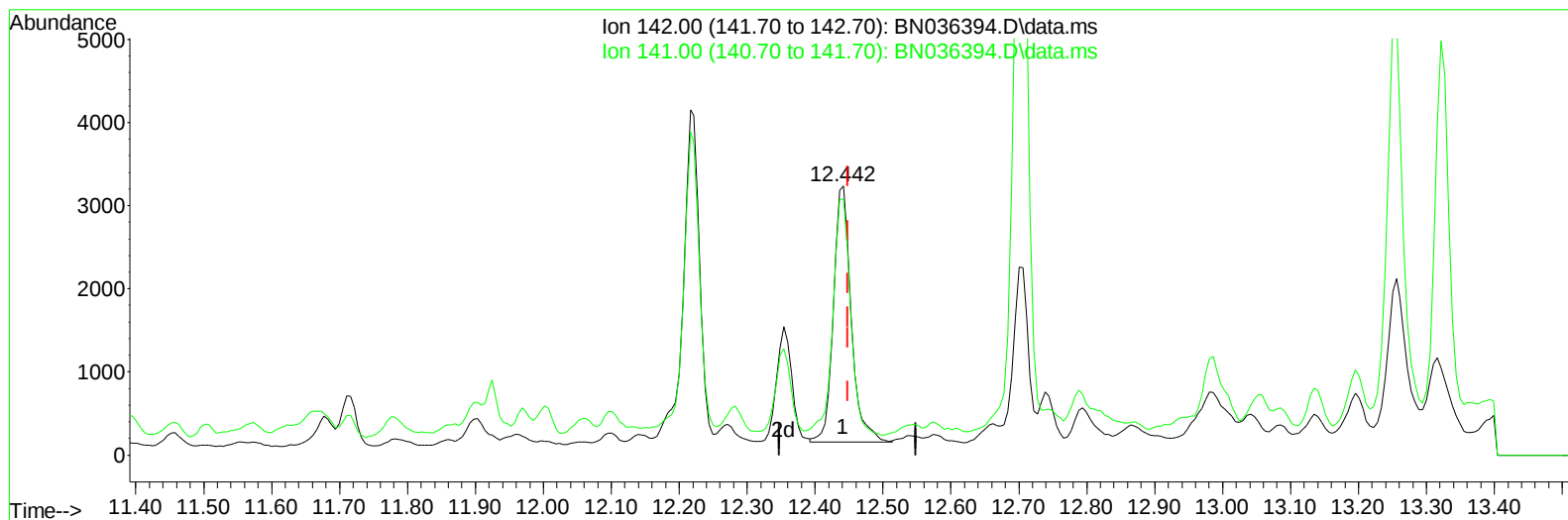
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036394.D
Acq On : 08 Feb 2025 04:14
Operator : RC/JU
Sample : Q1202-18
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29B1

Manual IntegrationsAPPROVED

Quant Time: Feb 11 15:29:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
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TIC: BN036394.D\data.ms

(8) 1-Methylnaphthalene

12.442min (-0.007) 0.29 ng/ul m

response 5520

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	94.00	72.39#
0.00	0.00	0.00
0.00	0.00	0.00

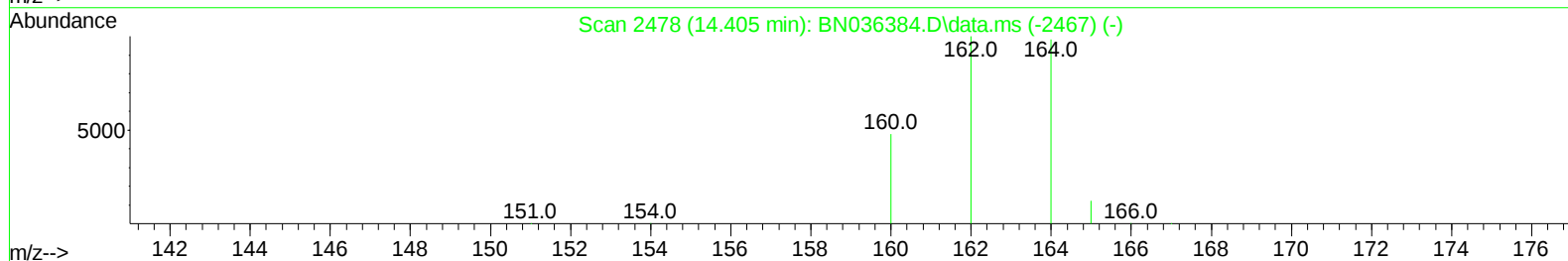
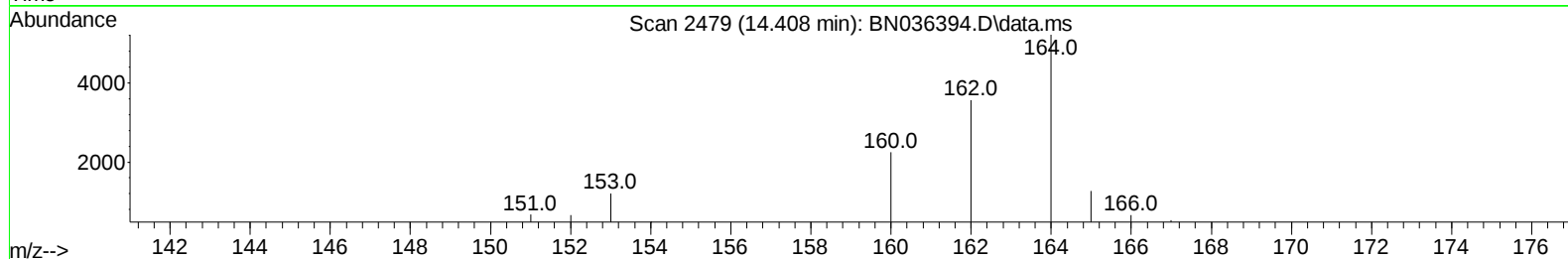
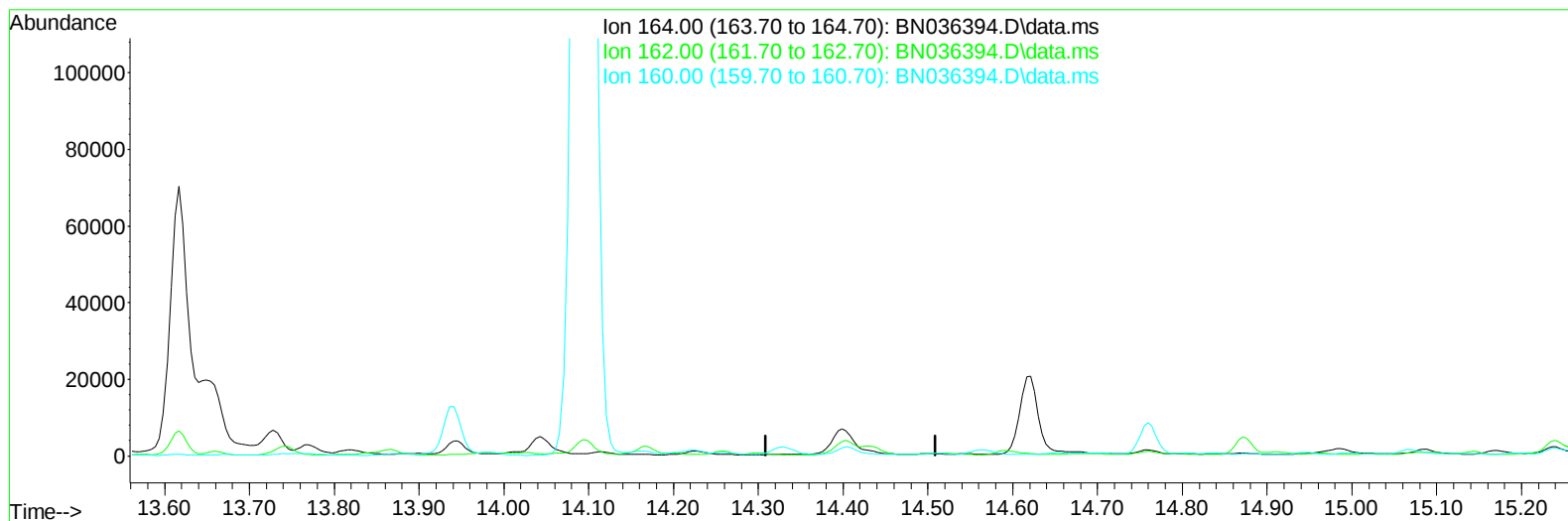
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036394.D
Acq On : 08 Feb 2025 04:14
Operator : RC/JU
Sample : Q1202-18
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29B1

Manual IntegrationsAPPROVED

Quant Time: Feb 11 15:29:39 2025
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TIC: BN036394.D\data.ms

(9) Acenaphthene-d10 (I)

14.409min (-14.409) 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

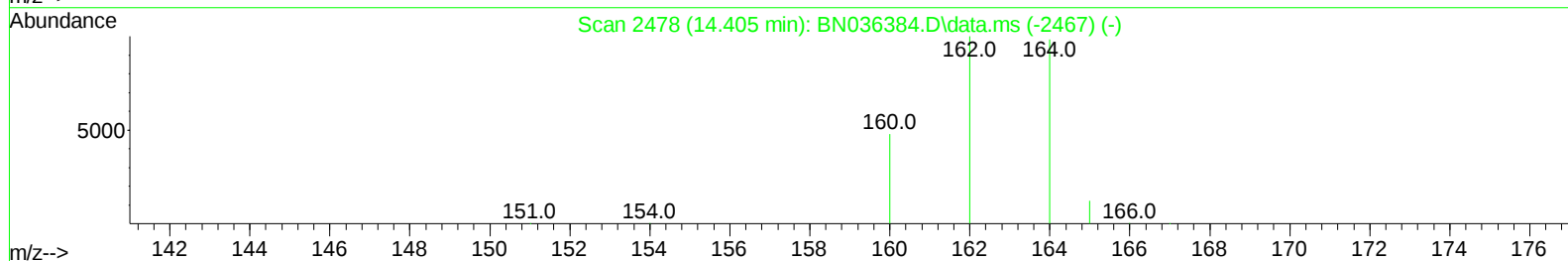
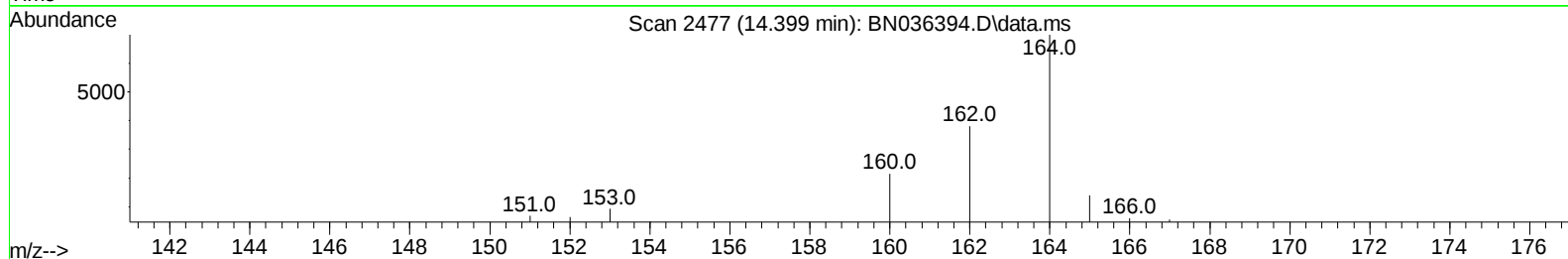
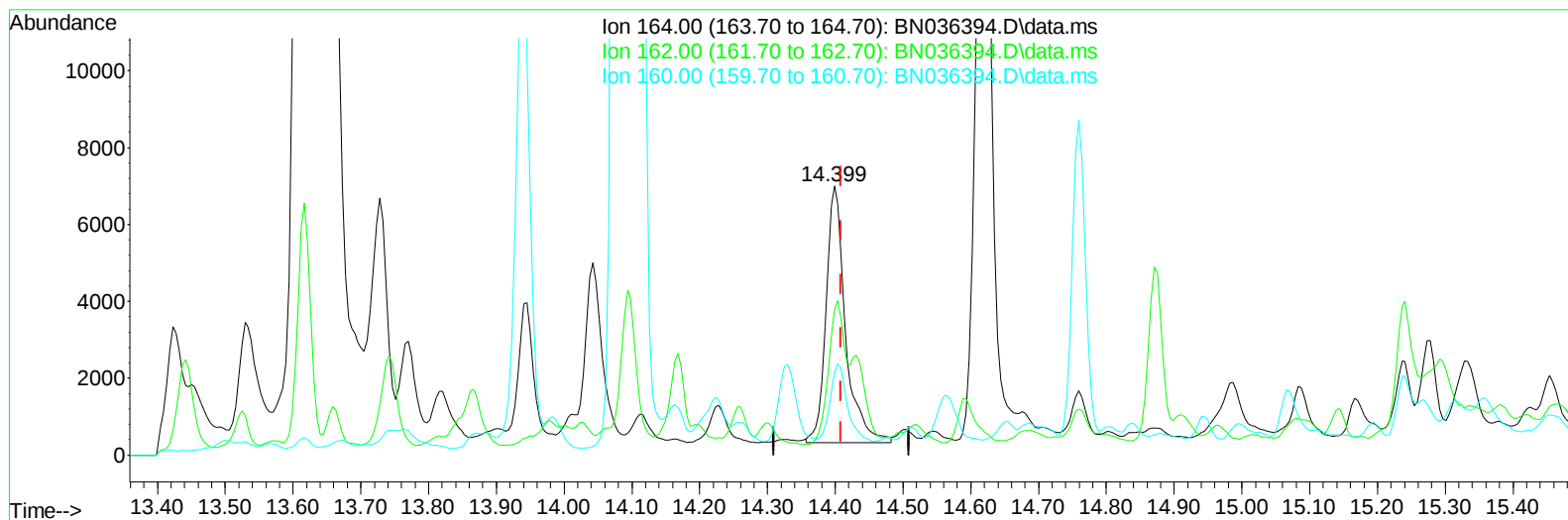
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036394.D
Acq On : 08 Feb 2025 04:14
Operator : RC/JU
Sample : Q1202-18
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29B1

Manual IntegrationsAPPROVED

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

Quant Time: Feb 11 15:29:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
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Response via : Initial Calibration



TIC: BN036394.D\data.ms

(9) Acenaphthene-d10 (I)

14.399min (-0.010) 0.40 ng/ul m

response 13250

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.40	54.45#
160.00	54.60	30.80#
0.00	0.00	0.00

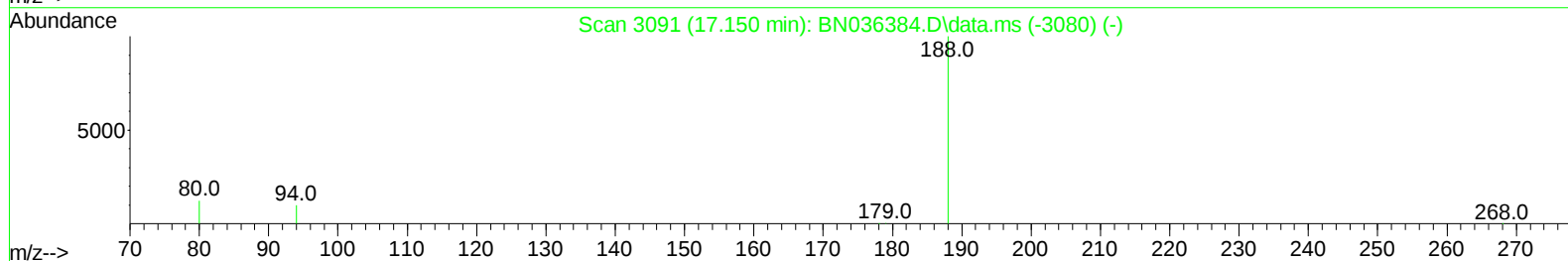
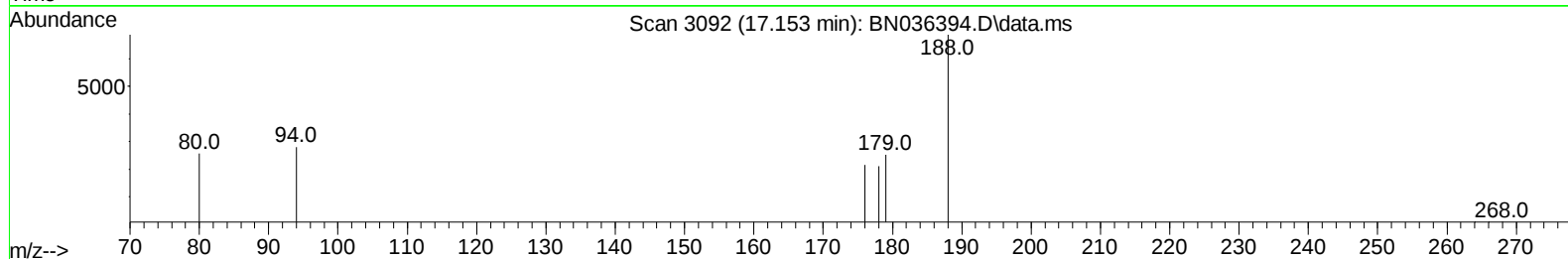
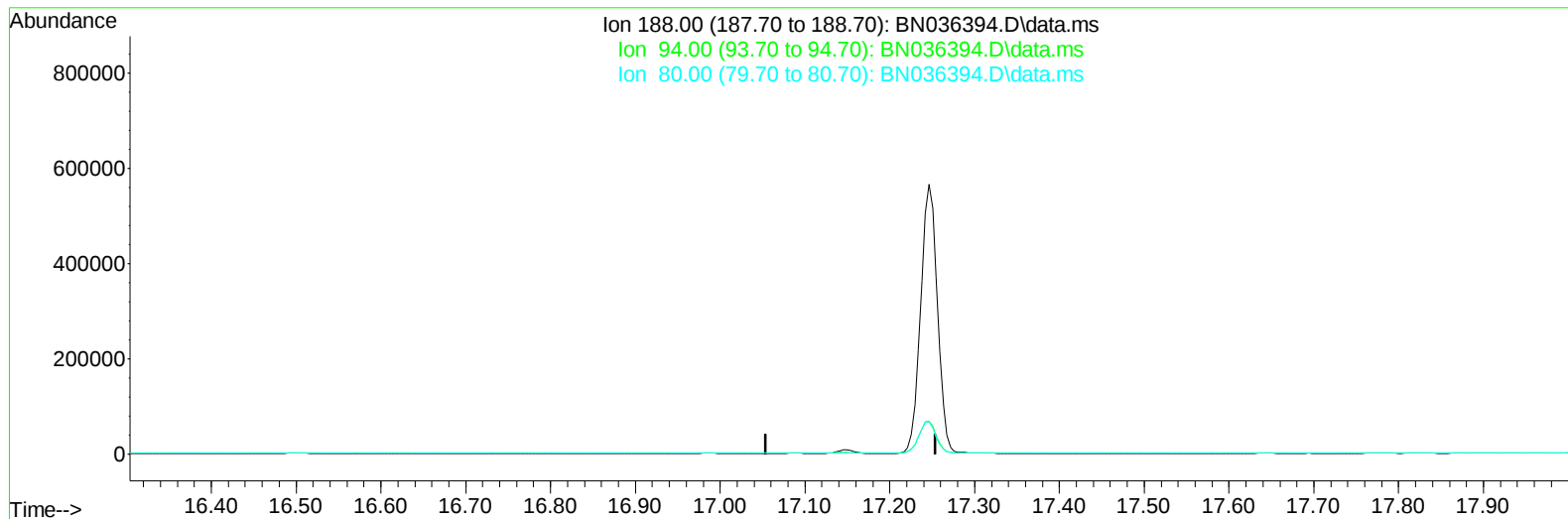
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036394.D
Acq On : 08 Feb 2025 04:14
Operator : RC/JU
Sample : Q1202-18
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29B1

Manual IntegrationsAPPROVED

Quant Time: Feb 11 15:29:39 2025
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TIC: BN036394.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

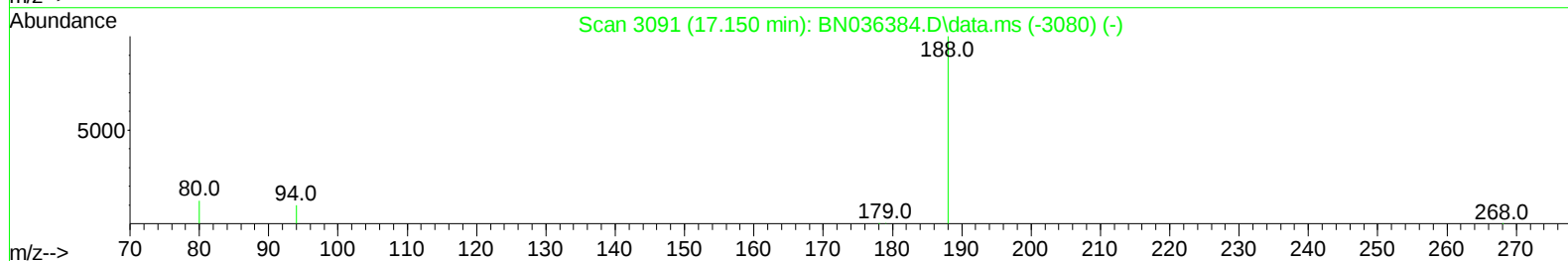
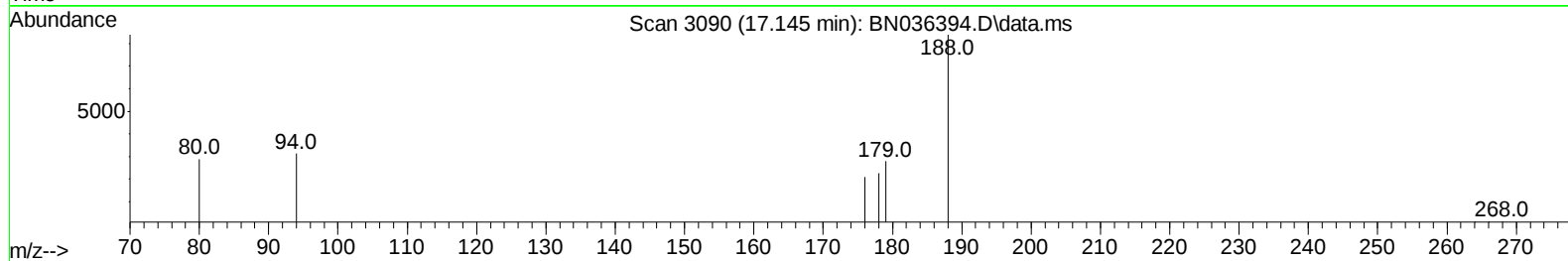
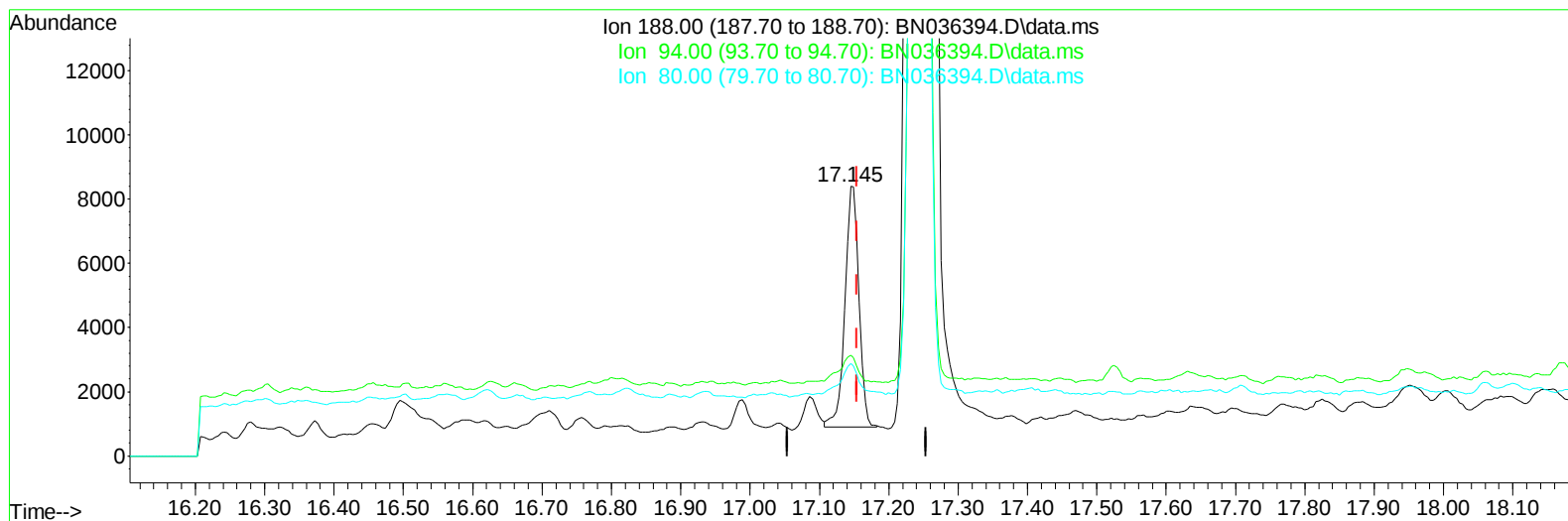
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036394.D
Acq On : 08 Feb 2025 04:14
Operator : RC/JU
Sample : Q1202-18
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29B1

Manual IntegrationsAPPROVED

Quant Time: Feb 11 15:29:39 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: BN036394.D\data.ms

(13) Phenanthrene-d10 (I)

17.145min (-0.009) 0.40 ng/u1 m

response 10525

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	37.36#
80.00	10.90	34.25#
0.00	0.00	0.00

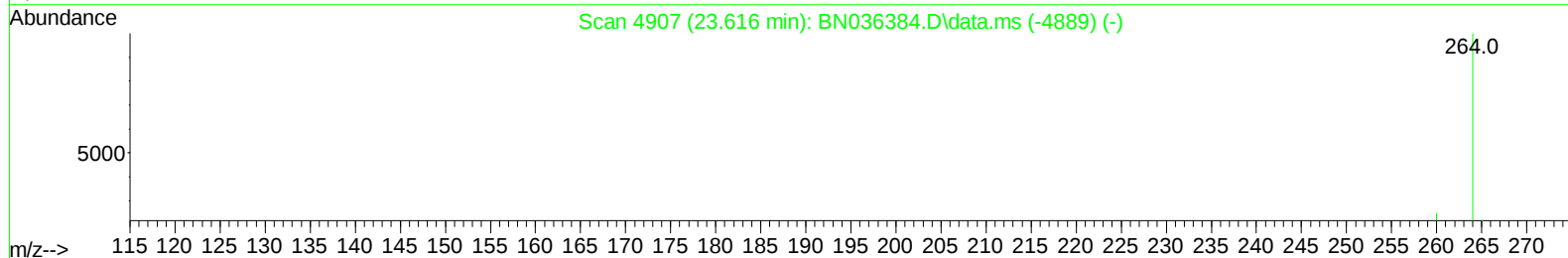
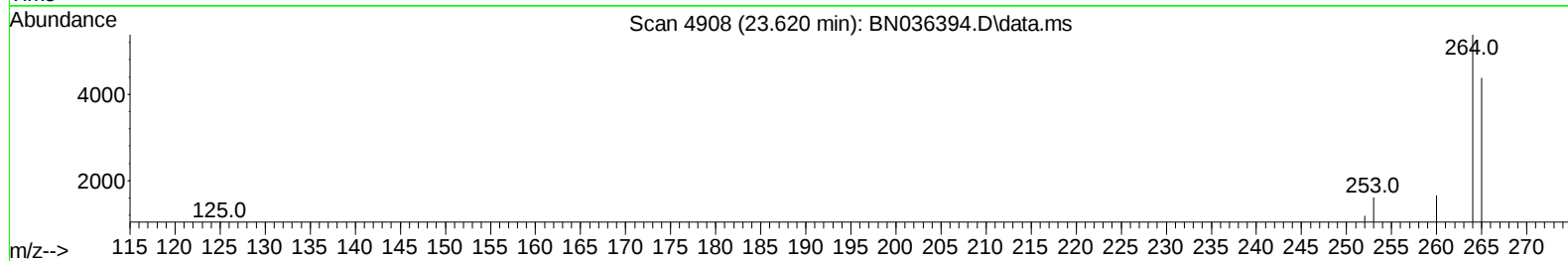
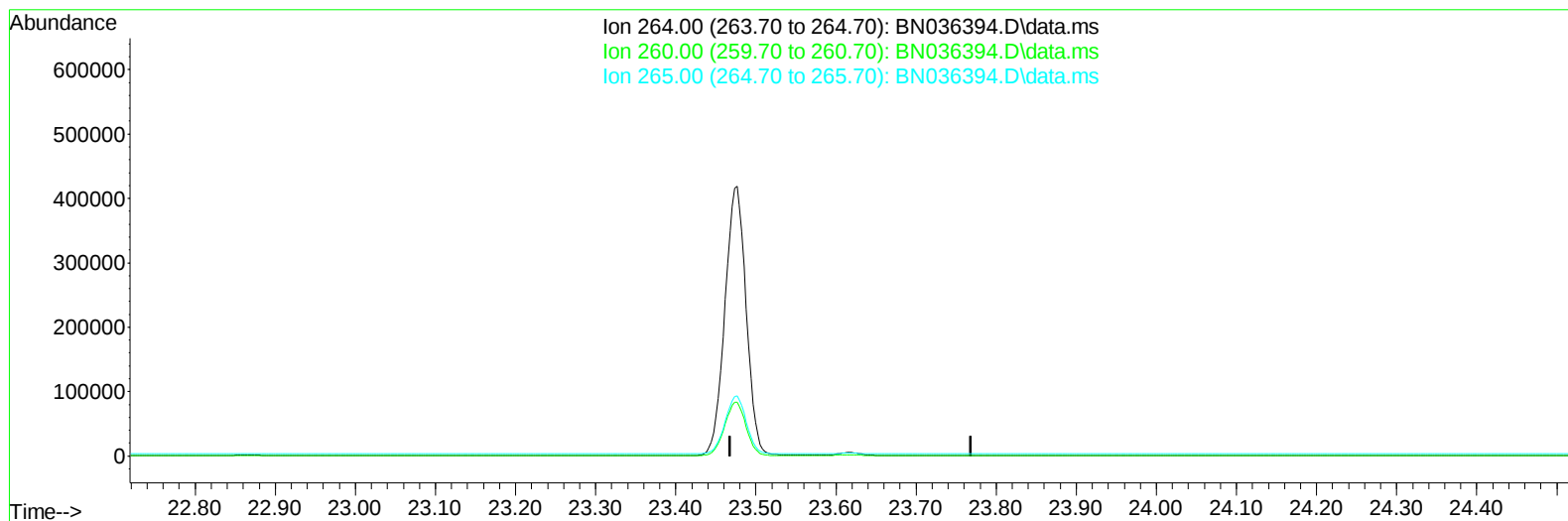
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036394.D
Acq On : 08 Feb 2025 04:14
Operator : RC/JU
Sample : Q1202-18
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29B1

Manual IntegrationsAPPROVED

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QLast Update : Fri Feb 07 11:25:57 2025
Response via : Initial Calibration



TIC: BN036394.D\data.ms

(23) Perylene-d12 (I)

23.619min (-23.619) 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

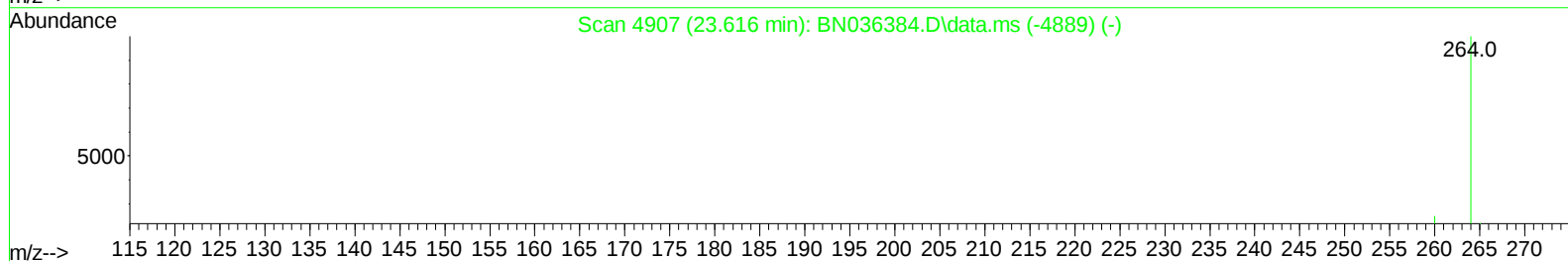
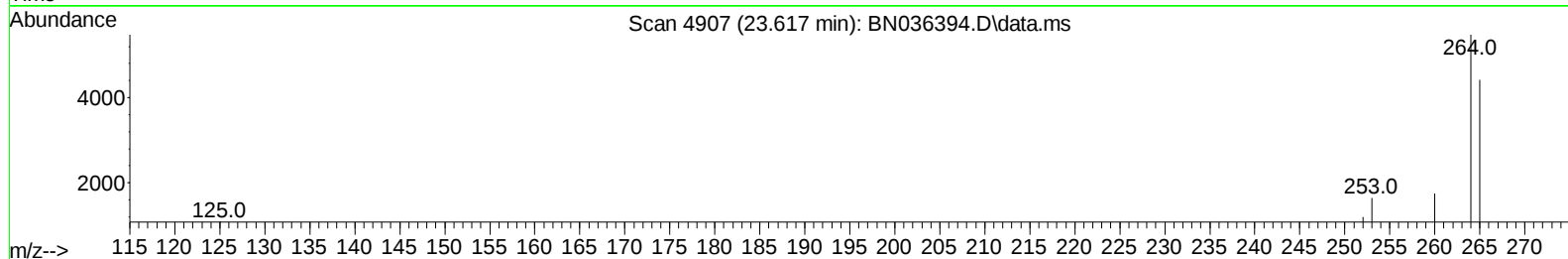
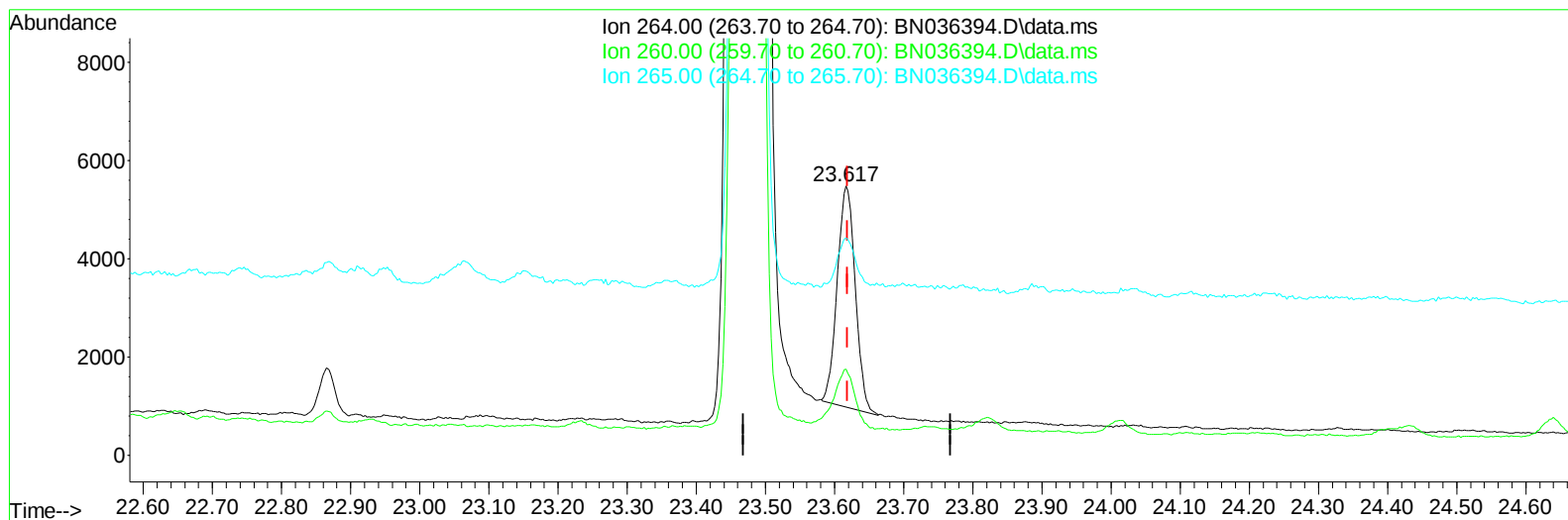
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036394.D
Acq On : 08 Feb 2025 04:14
Operator : RC/JU
Sample : Q1202-18
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29B1

Manual IntegrationsAPPROVED

Quant Time: Feb 11 15:29:39 2025
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QLast Update : Fri Feb 07 11:25:57 2025
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TIC: BN036394.D\data.ms

(23) Perylene-d12 (I)

23.617min (-0.002) 0.40 ng/u1 m

response 8125

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	31.93
265.00	53.20	80.72#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
 Data File : BN036394.D
 Acq On : 08 Feb 2025 04:14
 Operator : RC/JU
 Sample : Q1202-18
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E29B1

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
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Quant Time: Feb 11 15:29:39 2025
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 QLast Update : Fri Feb 07 11:25:57 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.766	152	2946	0.400	ng/ul	0.00
4) Naphthalene-d8	10.550	136	10798m	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.399	164	13250m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.145	188	10525m	0.400	ng/ul	0.00
17) Chrysene-d12	21.337	240	10456	0.400	ng/ul	# 0.00
23) Perylene-d12	23.617	264	8125m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	17025	5.278	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.145	152	4112m	0.302	ng/ul	-0.01
18) Fluoranthene-d10	19.178	212	10324	0.359	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.600	128	101318m	3.406	ng/ul	
7) 2-Methylnaphthalene	12.216	142	6675m	0.361	ng/ul	
8) 1-Methylnaphthalene	12.442	142	5520m	0.294	ng/ul	
11) Acenaphthene	14.464	153	15224	0.331	ng/ul	95
12) Fluorene	15.454	166	7465	0.147	ng/ul#	90
14) Pentachlorophenol	16.803	266	2710	0.735	ng/ul	98
15) Phenanthrene	17.187	178	5636	0.183	ng/ul#	25
16) Anthracene	17.280	178	7455	0.260	ng/ul#	1
24) Benzo(b)fluoranthene	22.924	252	783	0.029	ng/ul#	1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
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ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
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