

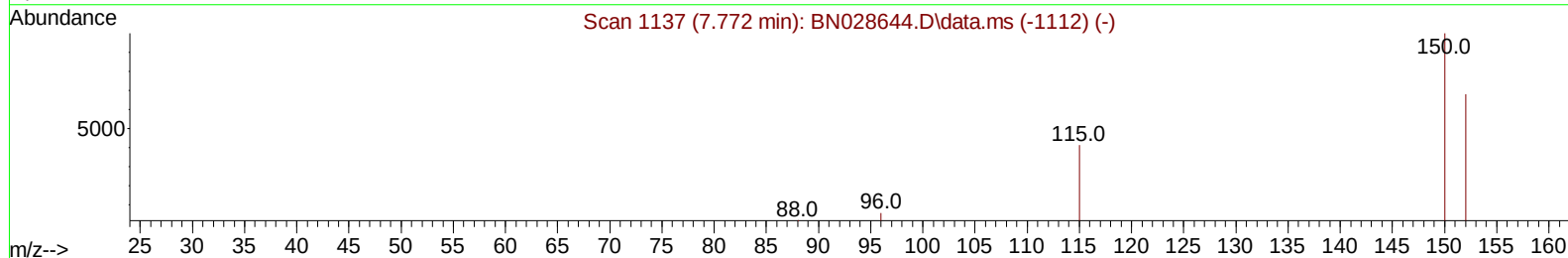
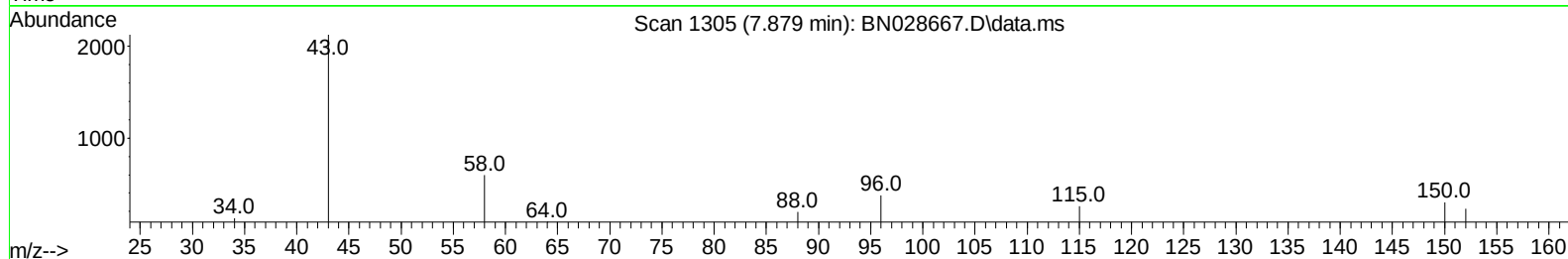
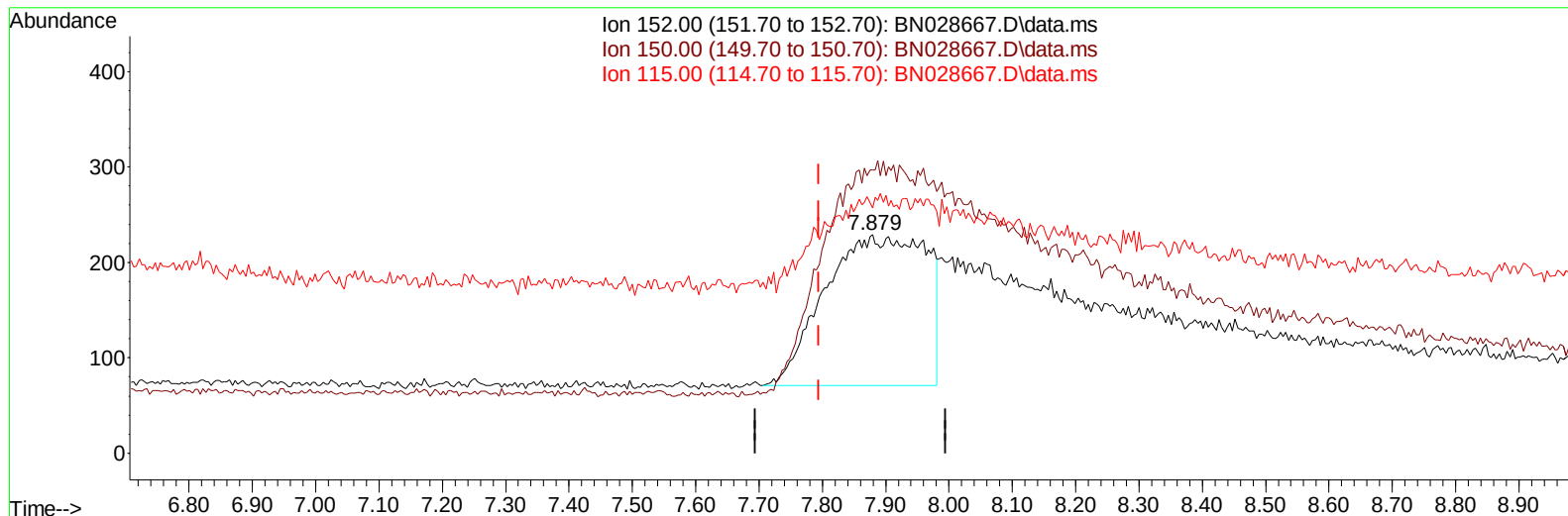
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028667.D
Acq On : 16 Nov 2023 16:59
Operator : MA/JU
Sample : 05349-01
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BPOW5-3-20231108

Manual IntegrationsAPPROVED

Quant Time: Nov 16 22:40:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 16 22:38:14 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



TIC: BN028667.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.879min (+ 0.084) 0.40 ng/uL

response 1743

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	129.69
115.00	62.20	112.23#
0.00	0.00	0.00

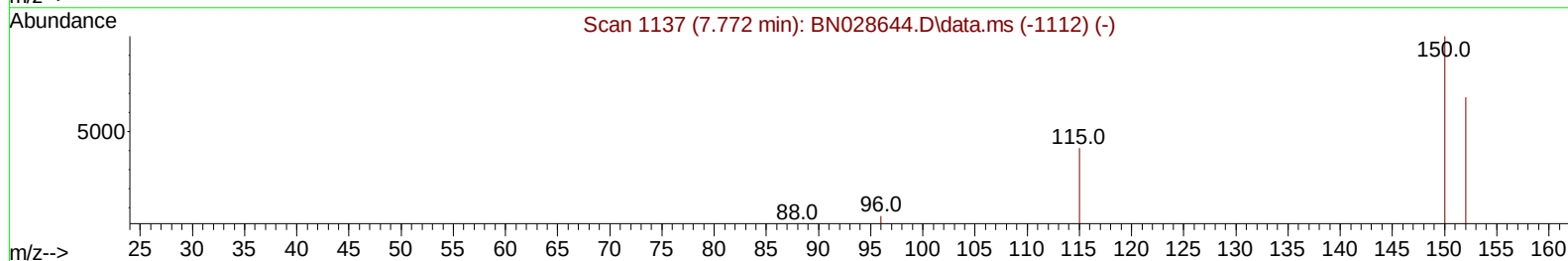
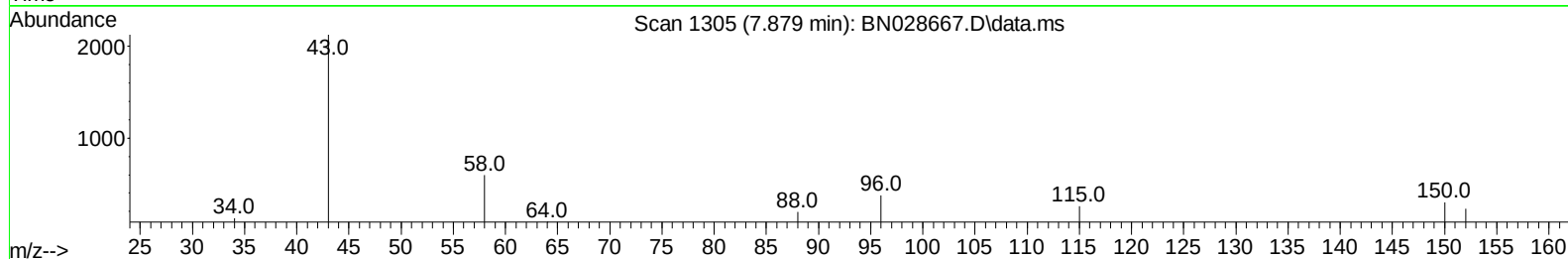
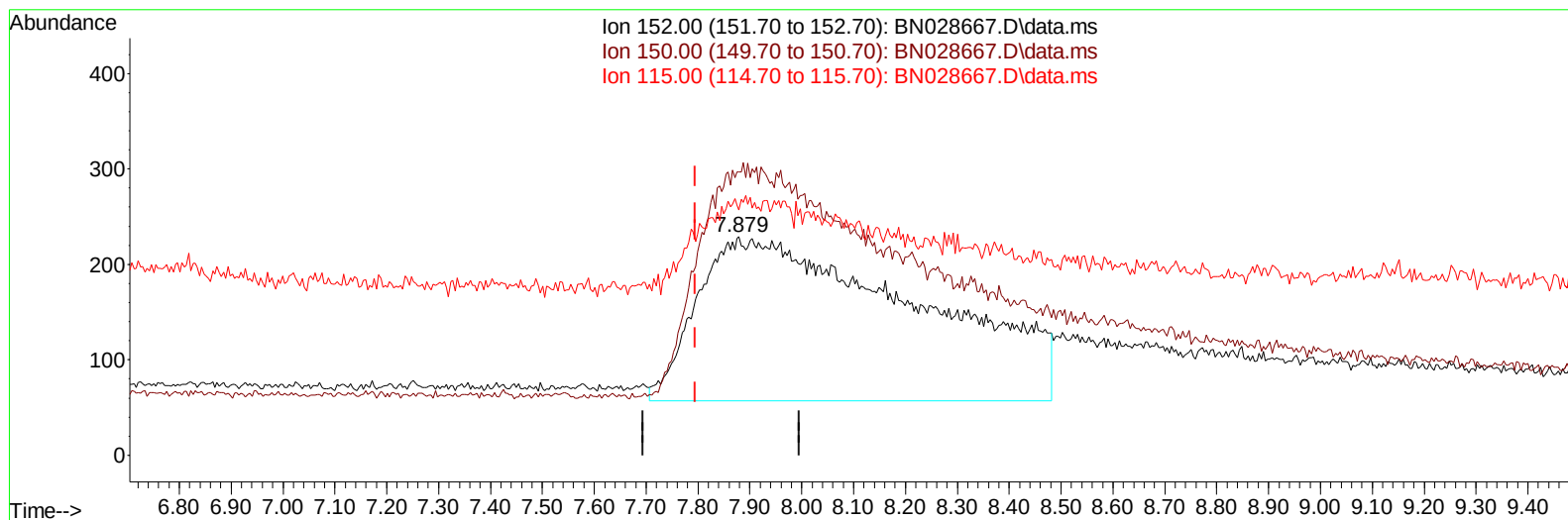
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
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 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028667.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.879min (+ 0.084) 0.40 ng/ul m

response 5074

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	129.69
115.00	62.20	112.23#
0.00	0.00	0.00

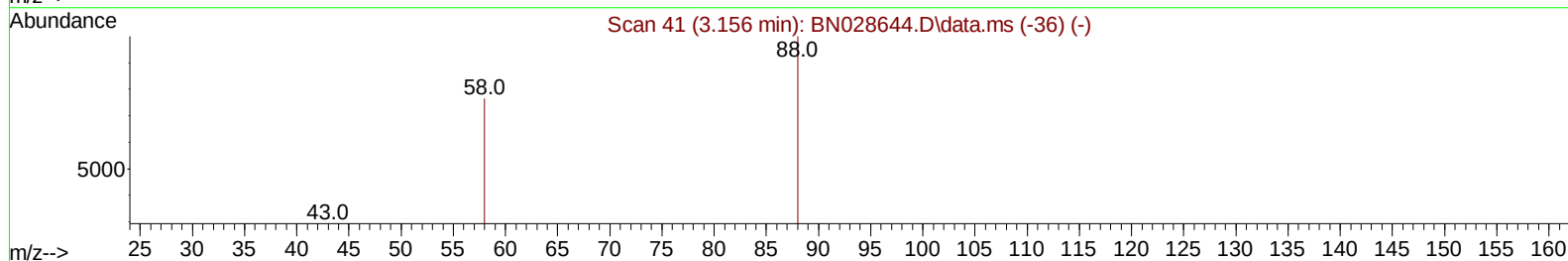
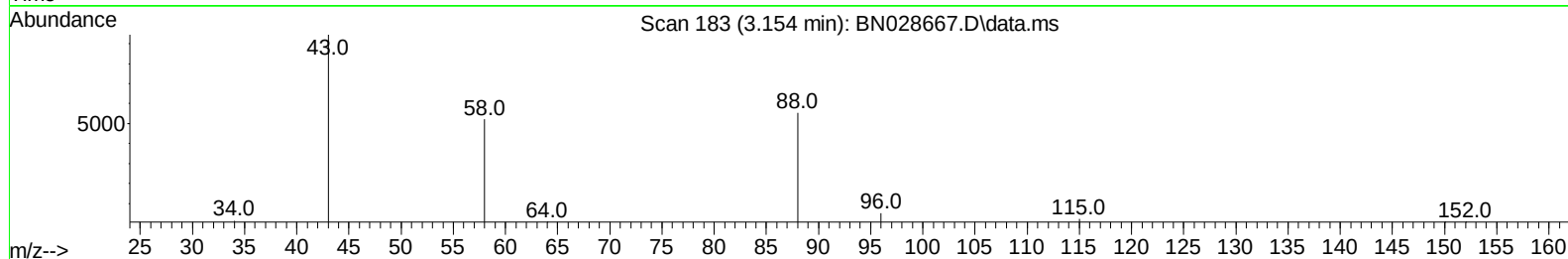
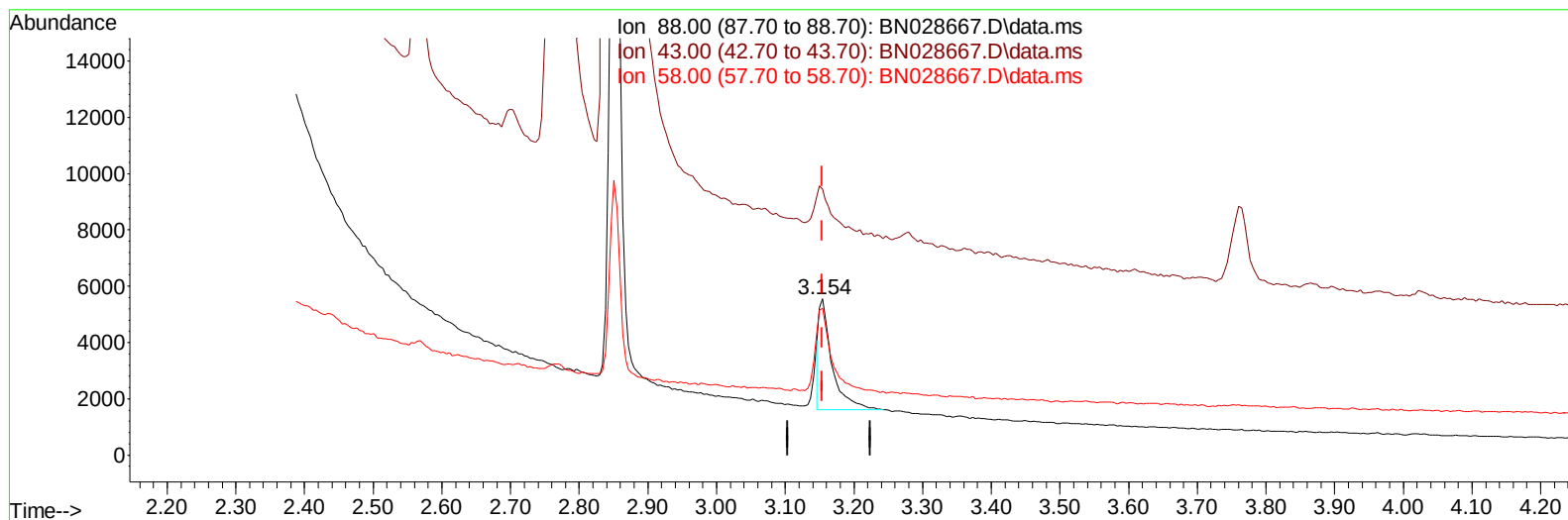
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TIC: BN028667.D\data.ms

(2) 1,4-Dioxane

3.154min (-0.000) 0.86 ng/u1

response 5340

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	41.10	170.14#
58.00	52.30	93.93#
0.00	0.00	0.00

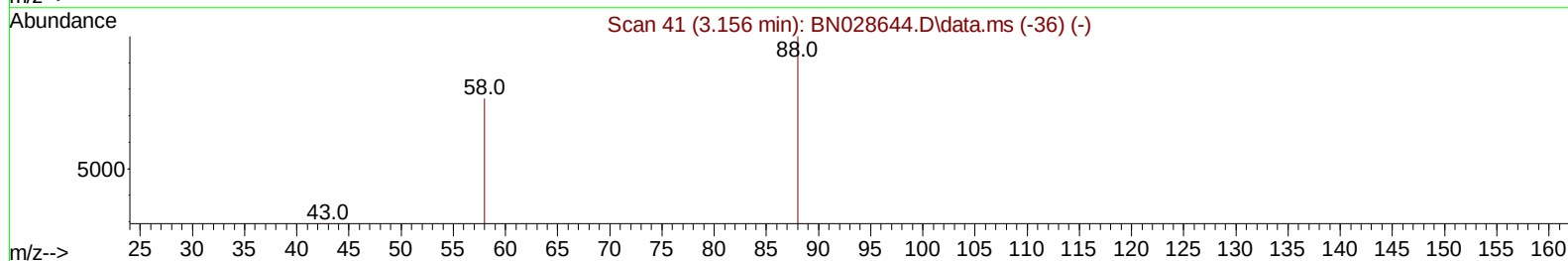
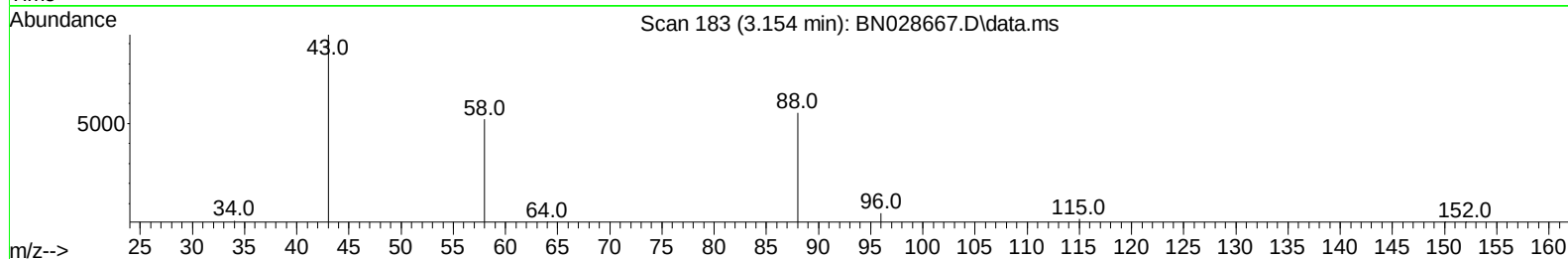
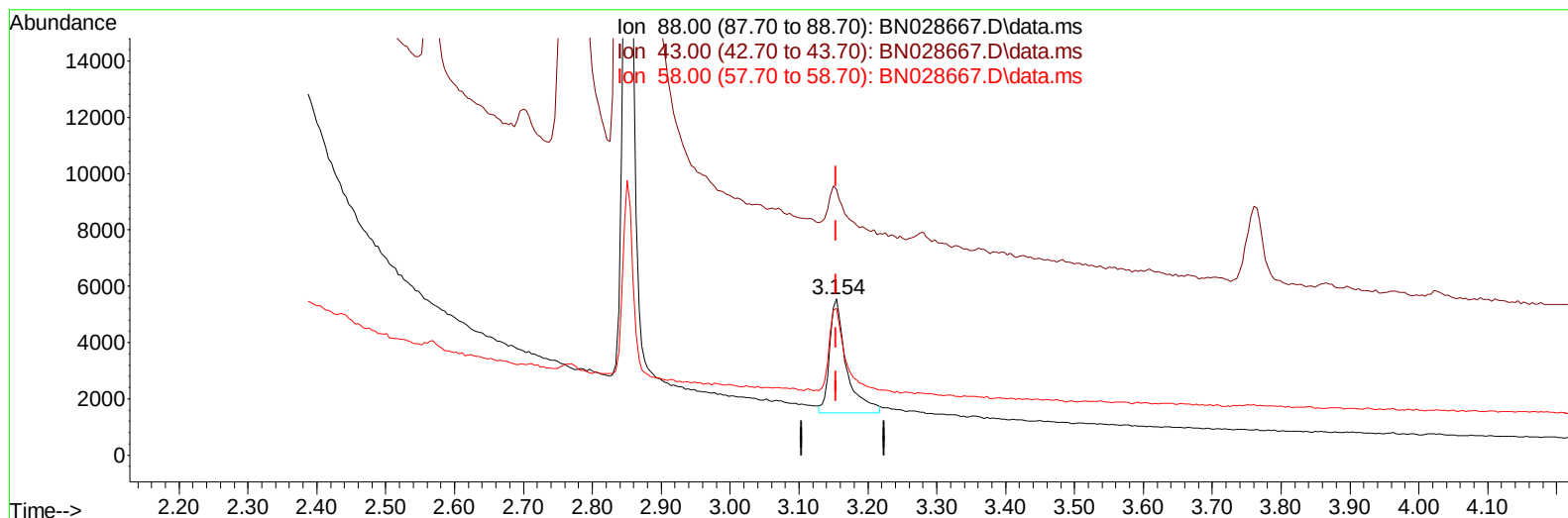
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TIC: BN028667.D\data.ms

(2) 1,4-Dioxane

3.154min (-0.000) 1.11 ng/ul m

response 6882

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	41.10	170.14#
58.00	52.30	93.93#
0.00	0.00	0.00

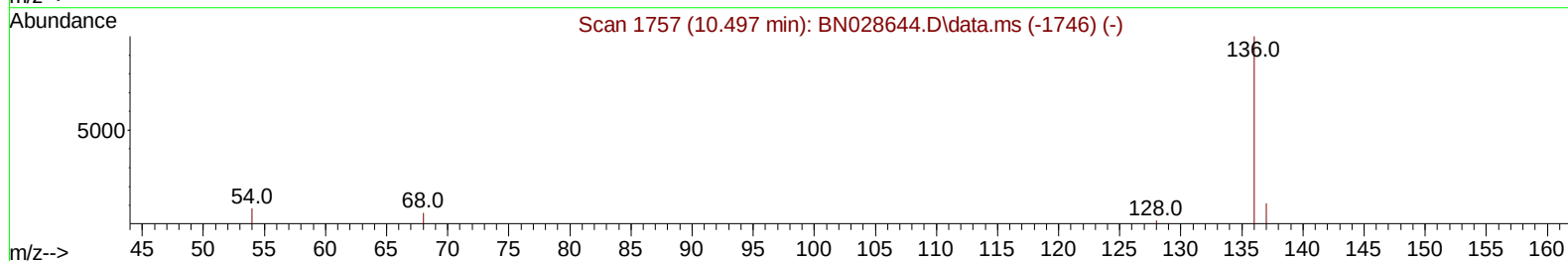
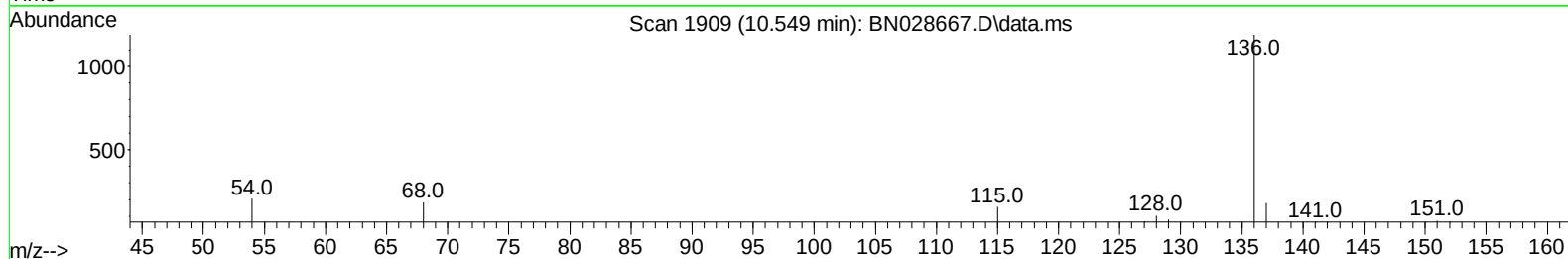
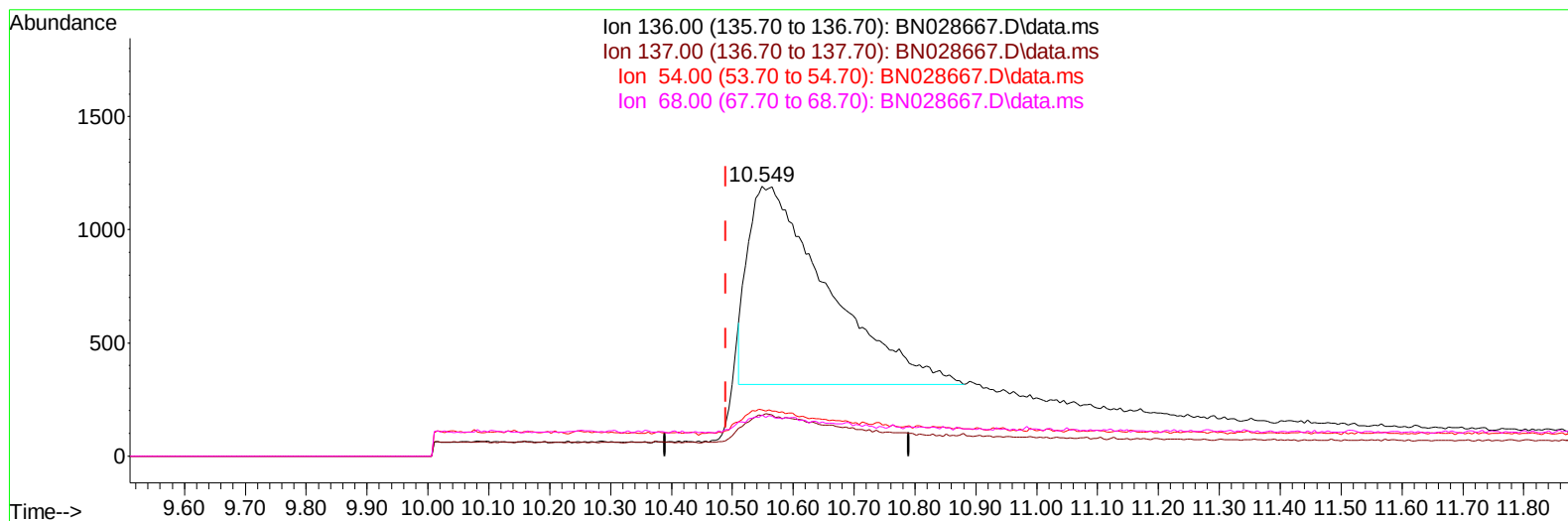
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TIC: BN028667.D\data.ms

(4) Naphthalene-d8 (I)

10.549min (+ 0.059) 0.40 ng/u1

response 8045

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	15.03#
54.00	9.00	17.21#
68.00	7.10	15.28#

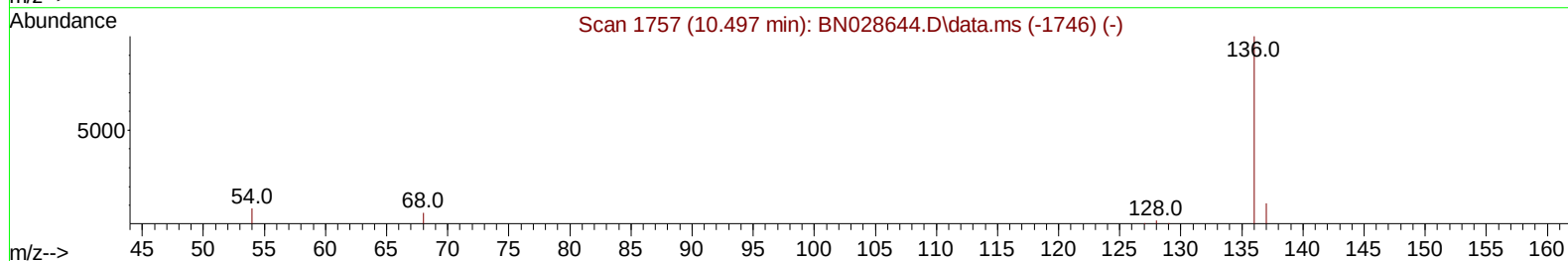
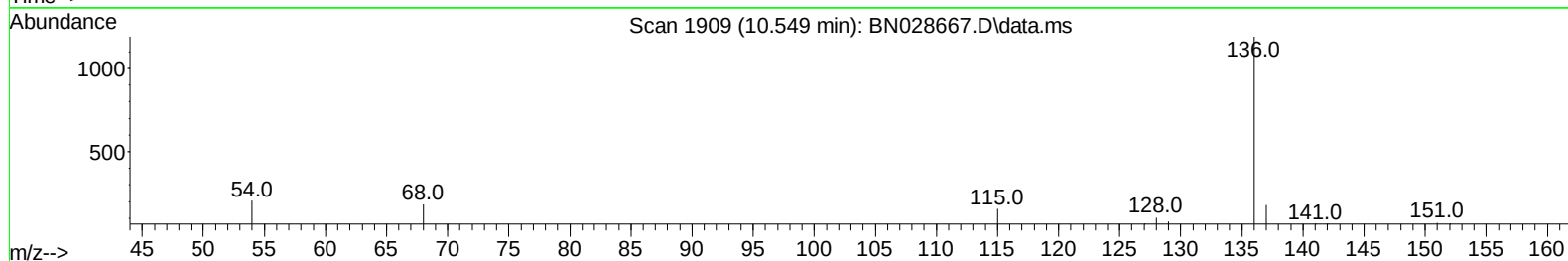
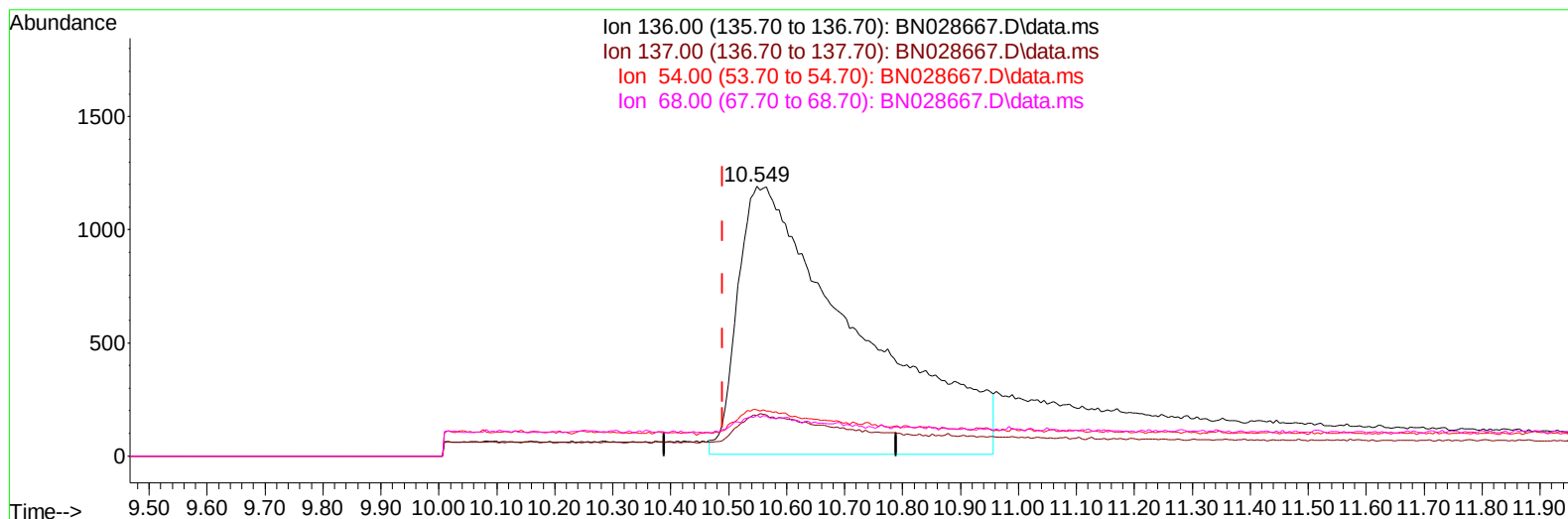
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028667.D
Acq On : 16 Nov 2023 16:59
Operator : MA/JU
Sample : 05349-01
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BPOW5-3-20231108

Manual IntegrationsAPPROVED

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 16 22:38:14 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



TIC: BN028667.D\data.ms

(4) Naphthalene-d8 (I)

10.549min (+ 0.059) 0.40 ng/ul m

response 16828

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	15.03#
54.00	9.00	17.21#
68.00	7.10	15.28#

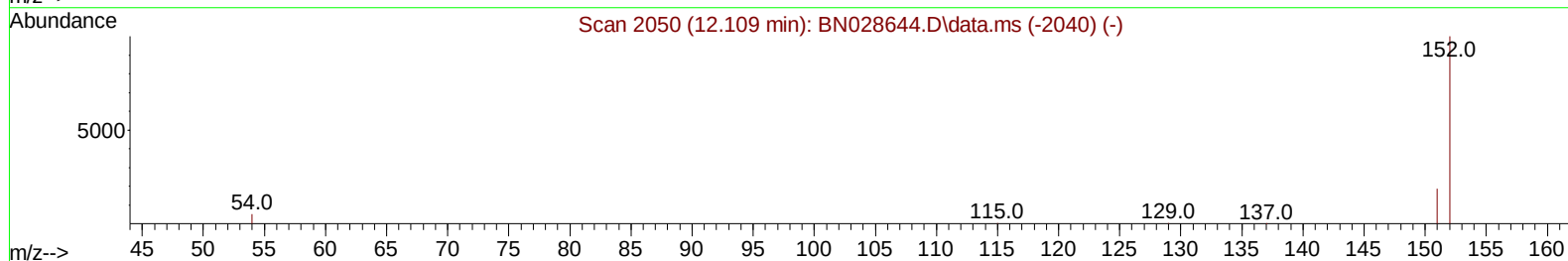
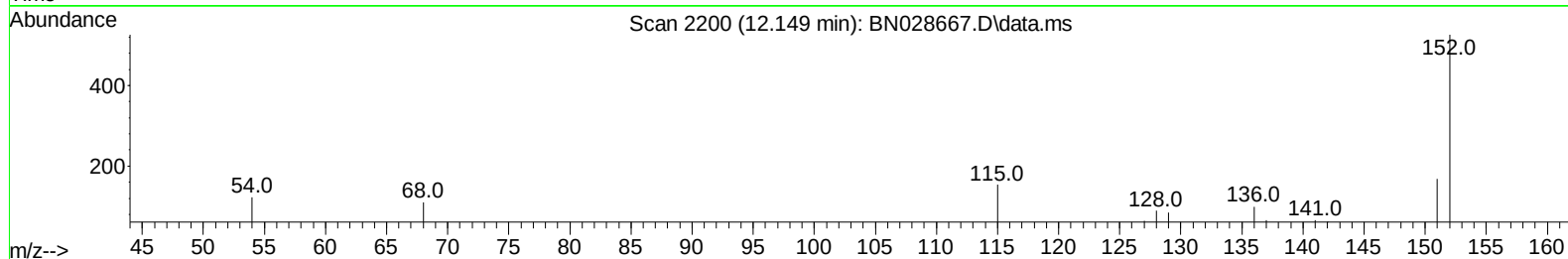
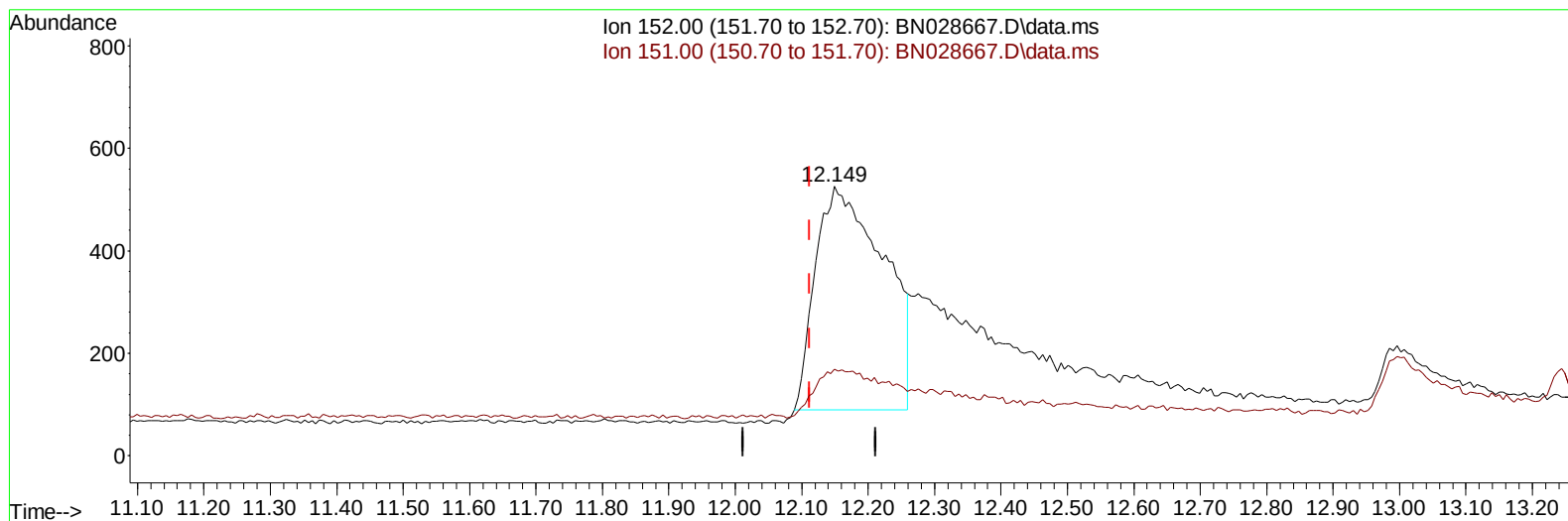
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 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
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TIC: BN028667.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.149min (+ 0.037) 0.12 ng/u1

response 3106

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	21.22
0.00	0.00	0.00
0.00	0.00	0.00

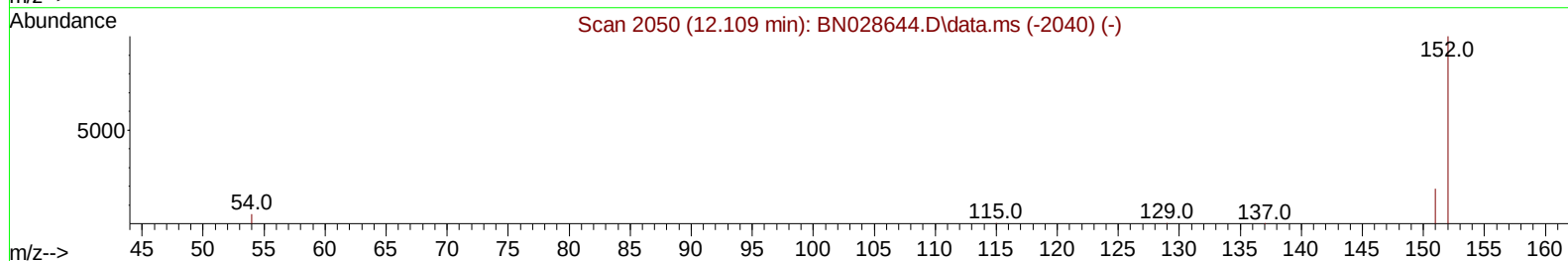
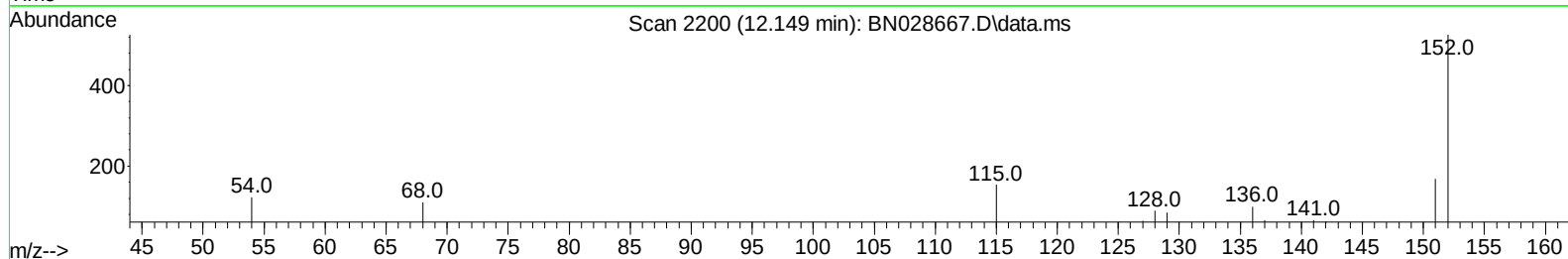
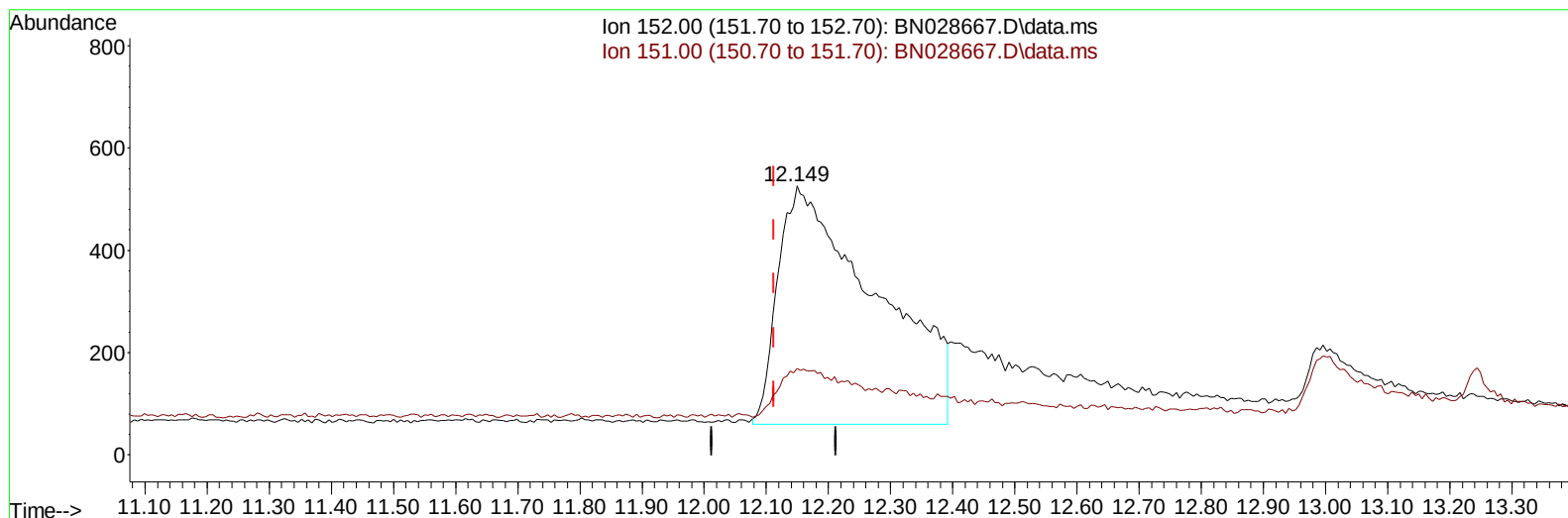
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028667.D
 Acq On : 16 Nov 2023 16:59
 Operator : MA/JU
 Sample : 05349-01
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BPOW5-3-20231108

Manual IntegrationsAPPROVED

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TIC: BN028667.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.149min (+ 0.037) 0.20 ng/ul m

response 5107

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	12.90#
0.00	0.00	0.00
0.00	0.00	0.00

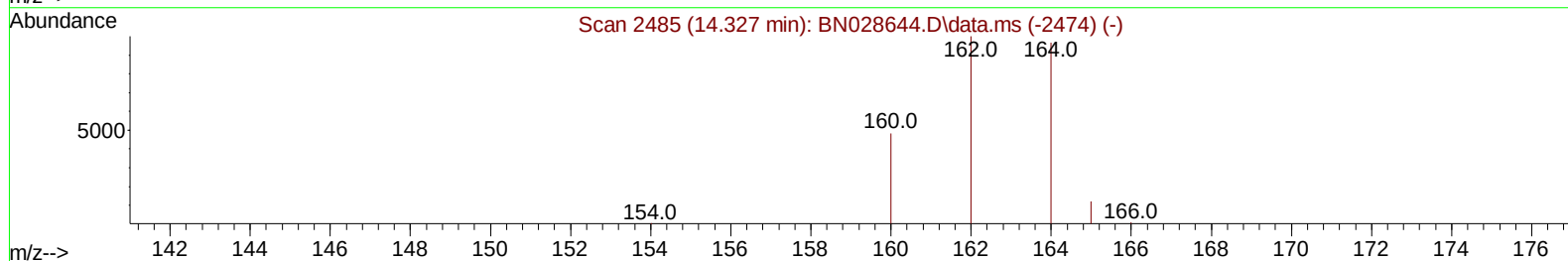
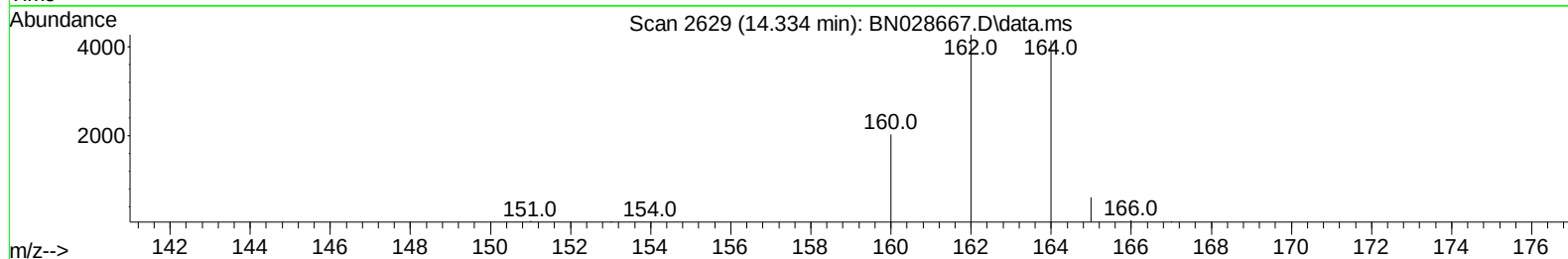
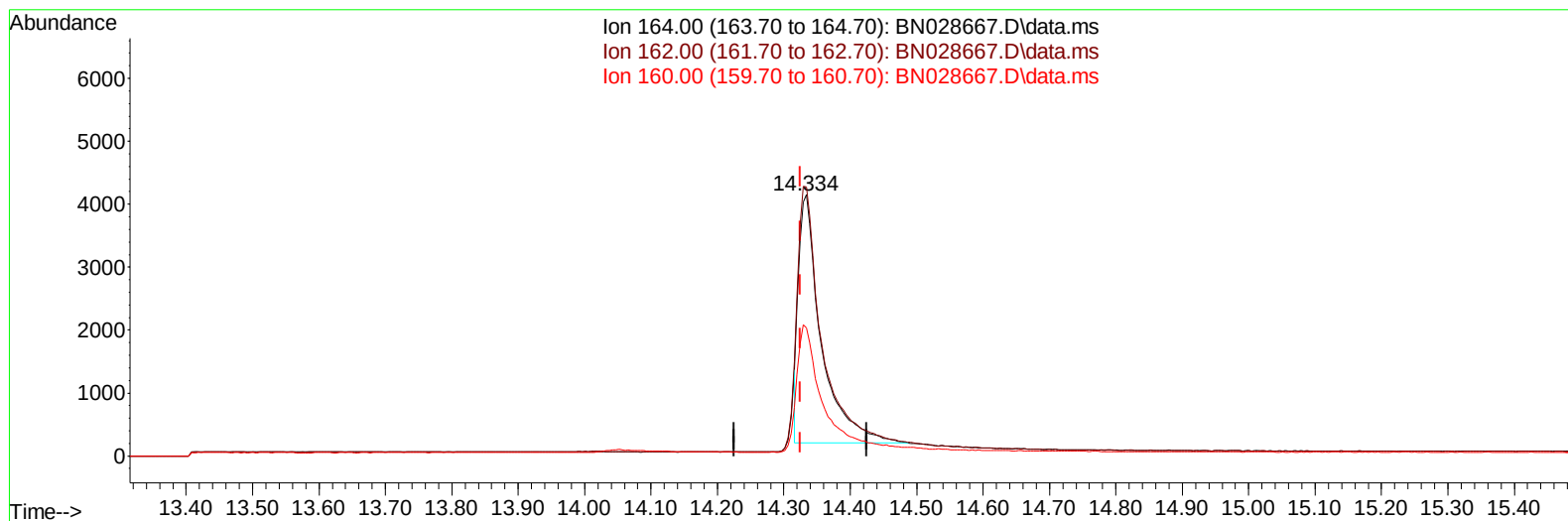
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TIC: BN028667.D\data.ms

(9) Acenaphthene-d10 (I)

14.334min (+ 0.009) 0.40 ng/ul

response 9369

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.90	102.96
160.00	49.20	49.05
0.00	0.00	0.00

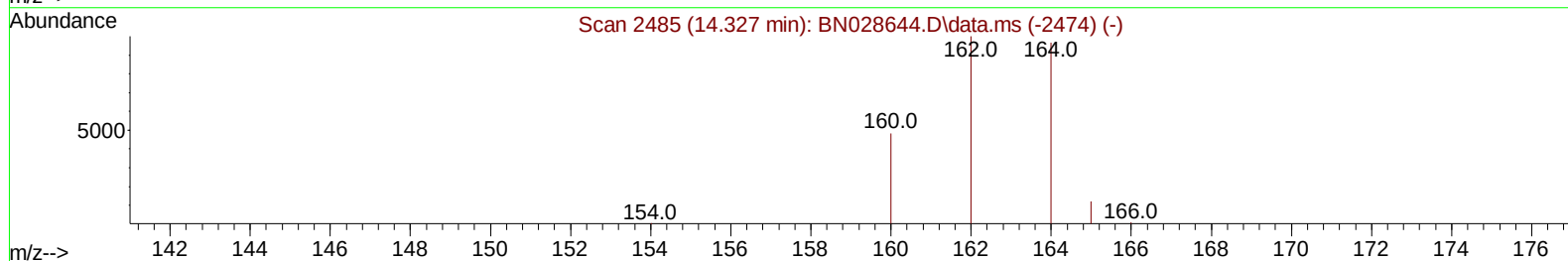
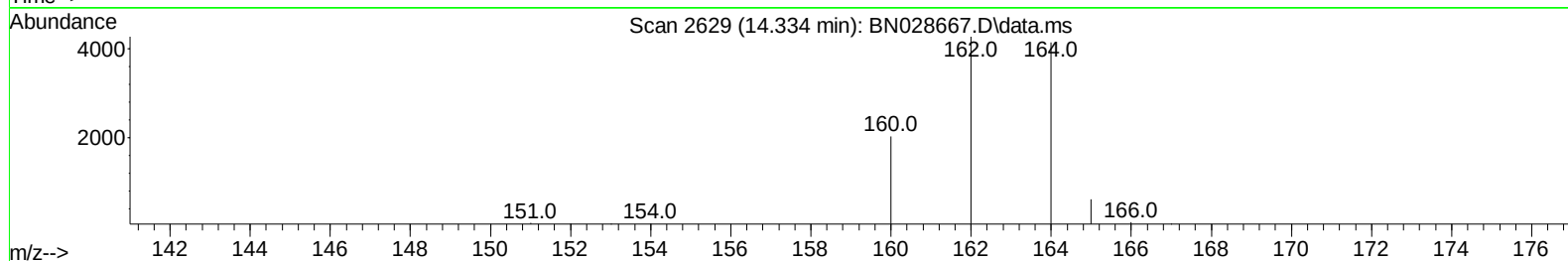
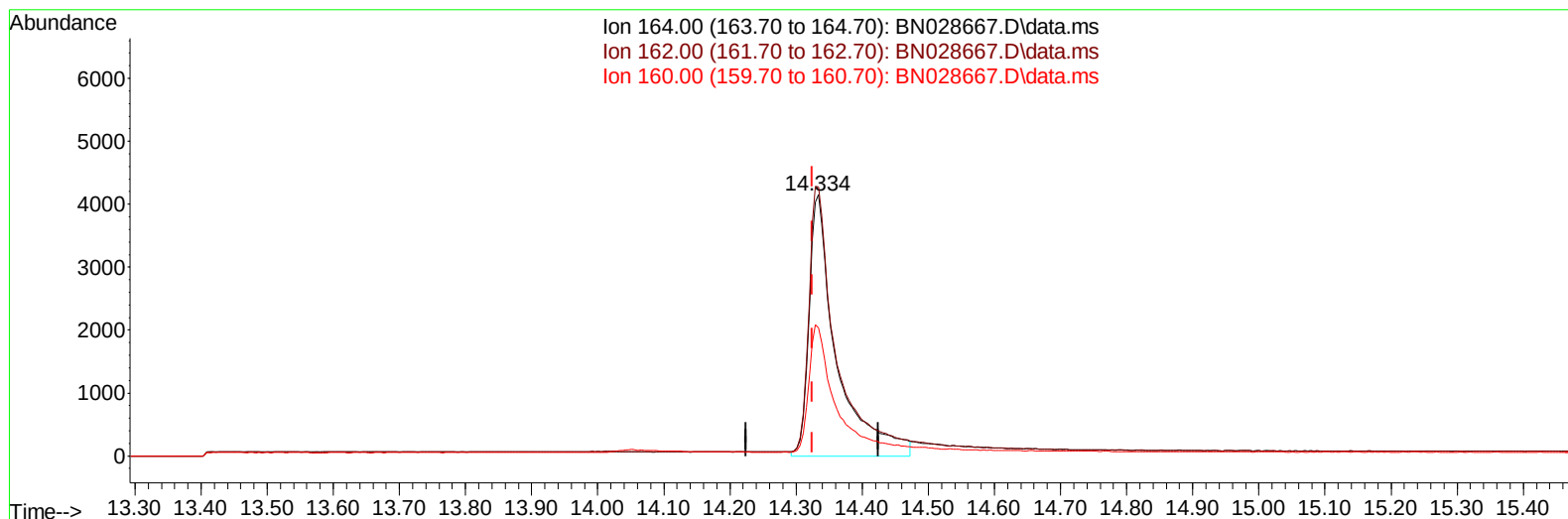
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TIC: BN028667.D\data.ms

(9) Acenaphthene-d10 (I)

14.334min (+ 0.009) 0.40 ng/ul m

response 12014

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.90	102.96
160.00	49.20	49.05
0.00	0.00	0.00

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 Operator : MA/JU
 Sample : 05349-01
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.879	152	5074m	0.400	ng/ul	0.08
4) Naphthalene-d8	10.549	136	16828m	0.400	ng/ul	0.06
9) Acenaphthene-d10	14.334	164	12014m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.097	188	13809	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.303	240	14501	0.400	ng/ul	# 0.00
23) Perylene-d12	23.583	264	14293	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.141	96	17	0.003	ng/ul	0.02
6) 2-Methylnaphthalene-d10	12.149	152	5107m	0.202	ng/ul	0.04
18) Fluoranthene-d10	19.121	212	20097	0.431	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.154	88	6882m	1.110	ng/ul	

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

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