

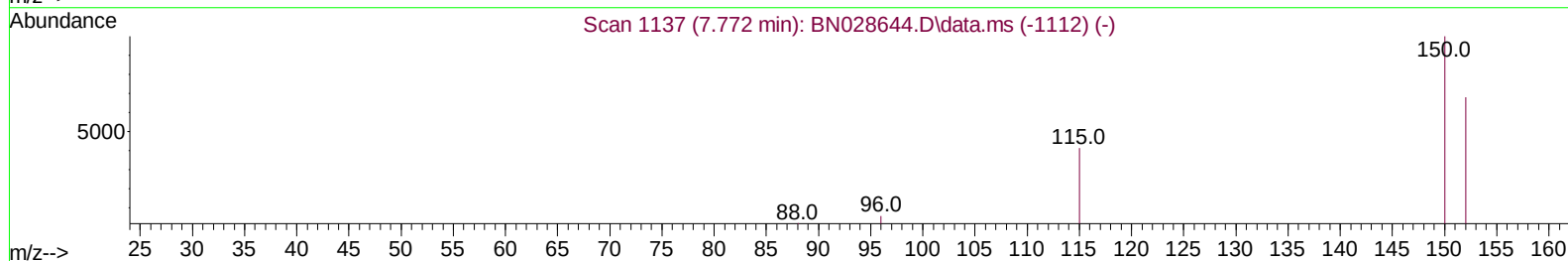
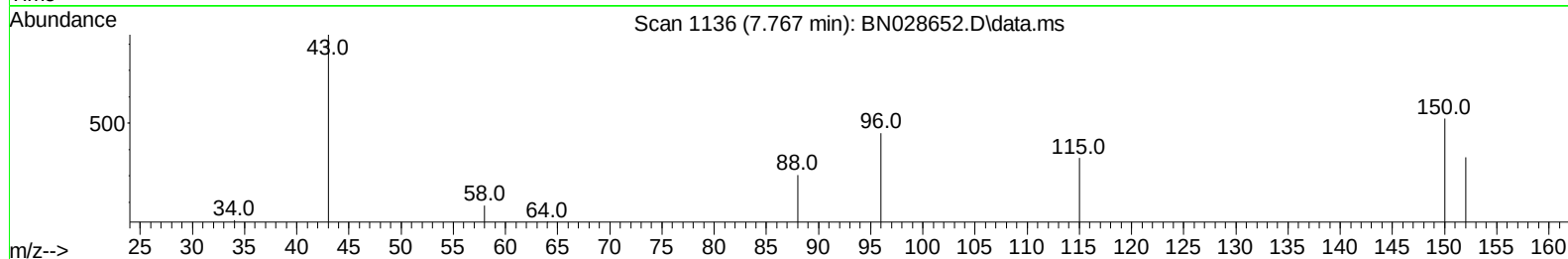
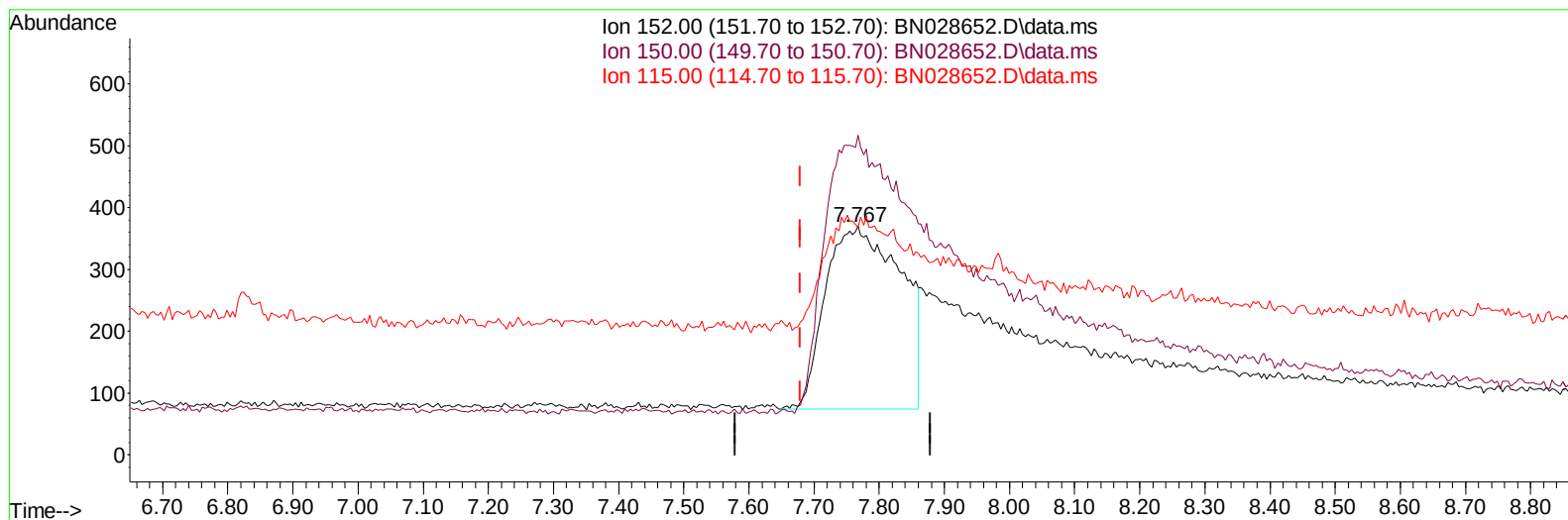
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028652.D
 Acq On : 16 Nov 2023 06:18
 Operator : MA/JU
 Sample : 05337-20MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDK5MS

Manual IntegrationsAPPROVED

Quant Time: Nov 16 14:00:25 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 07:25:53 2023
 Response via : Initial Calibration

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



TIC: BN028652.D\data.ms

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

7.767min (+ 0.088) 0.40 ng/ul

response 2375

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	139.73
115.00	62.20	99.46#
0.00	0.00	0.00

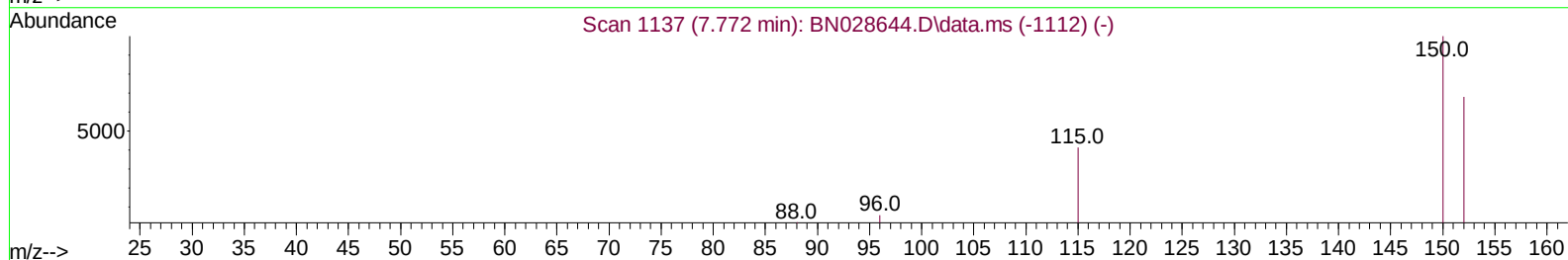
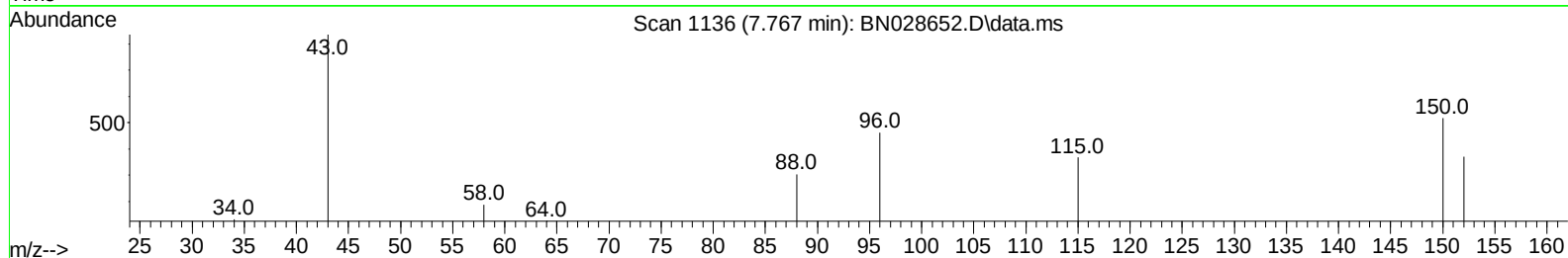
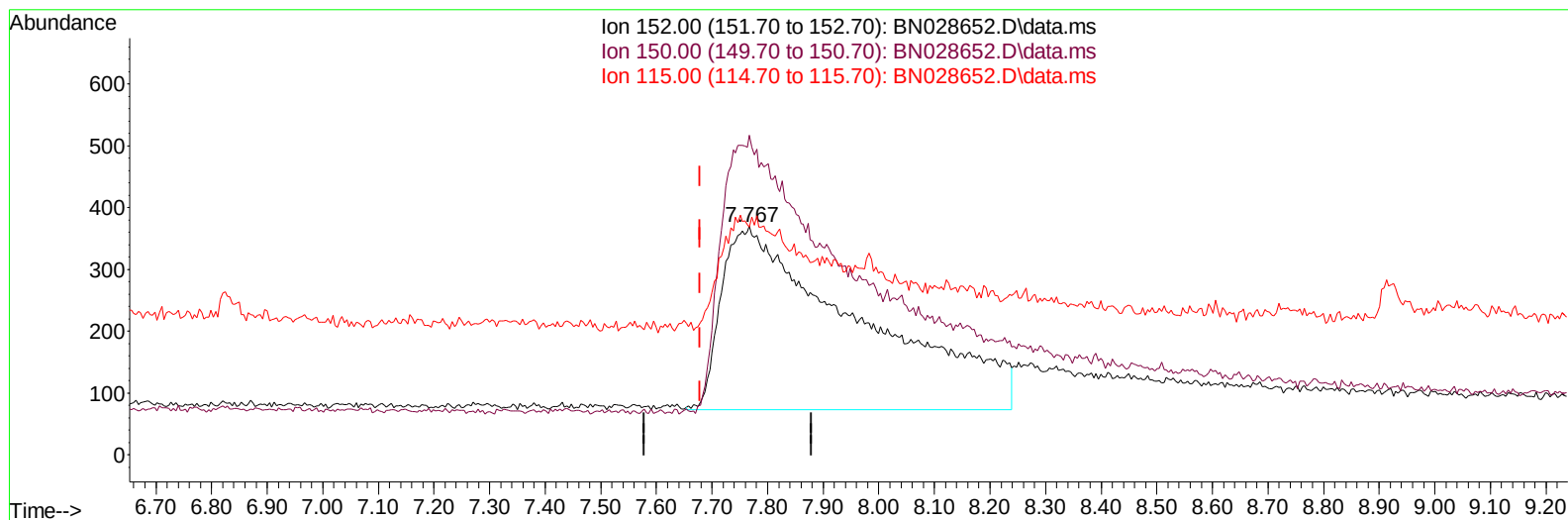
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TIC: BN028652.D\data.ms

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

7.767min (+ 0.088) 0.40 ng/ul m

response 5124

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	139.73
115.00	62.20	99.46#
0.00	0.00	0.00

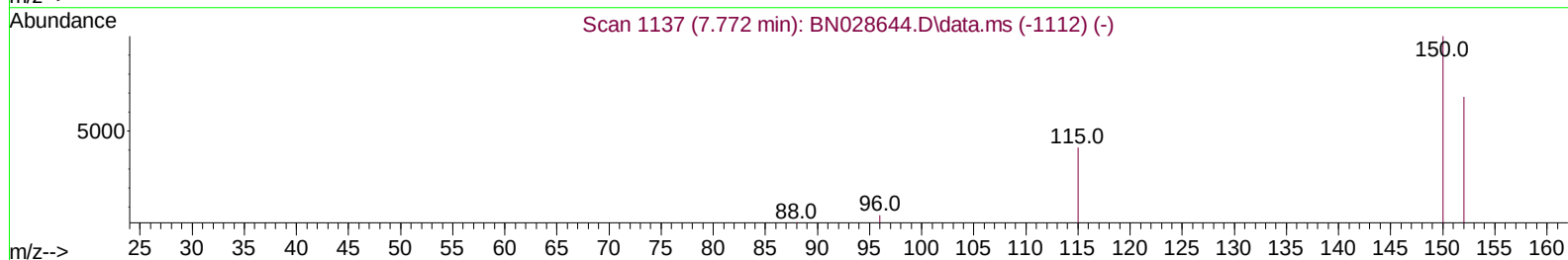
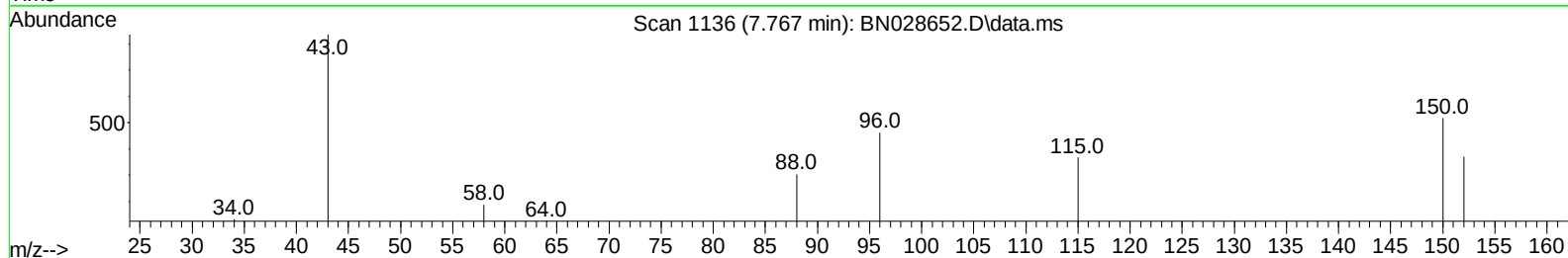
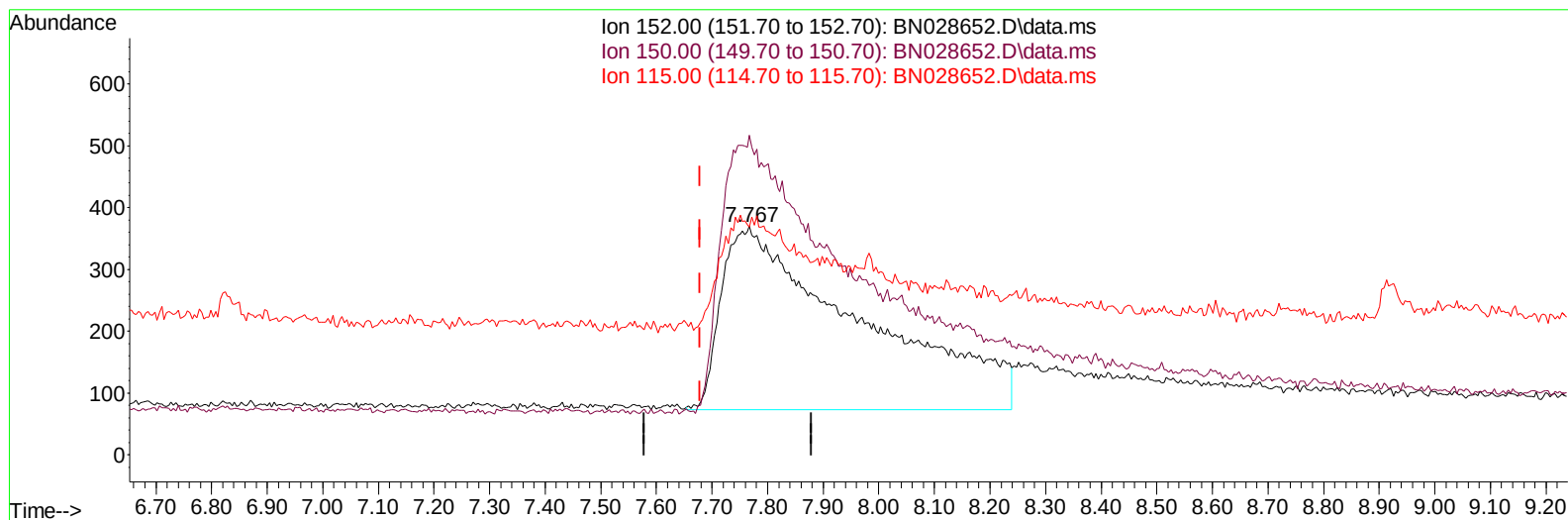
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Data File : BN028652.D
Acq On : 16 Nov 2023 06:18
Operator : MA/JU
Sample : 05337-20MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDK5MS

Manual IntegrationsAPPROVED

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

7.767min (+ 0.088) 0.40 ng/ul m

response 5124

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	139.73
115.00	62.20	99.46#
0.00	0.00	0.00

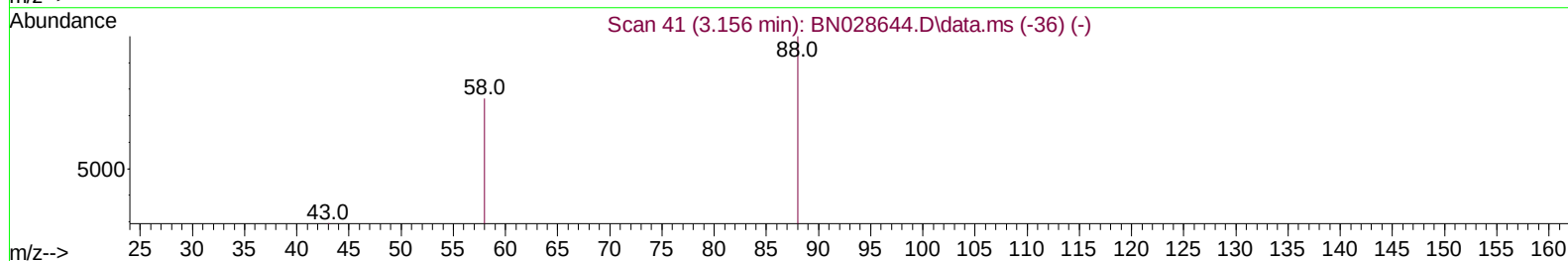
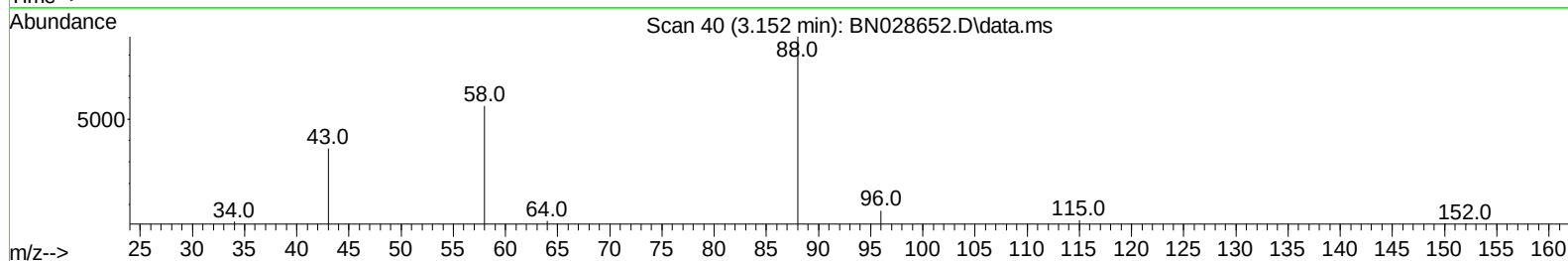
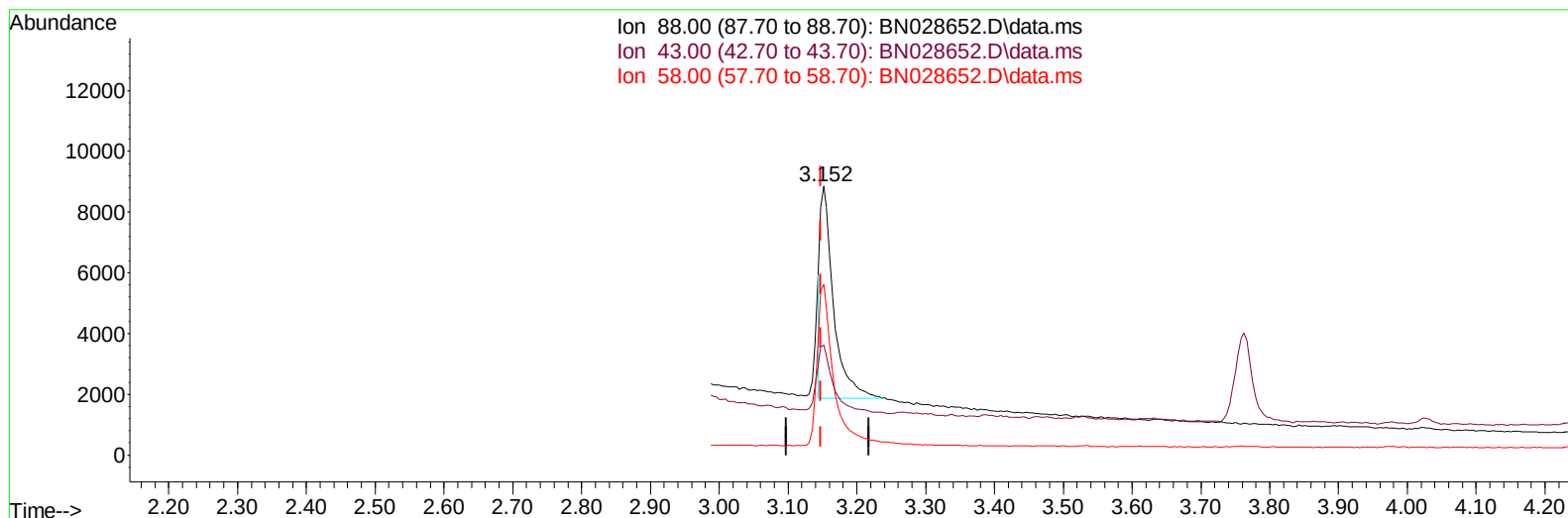
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TIC: BN028652.D\data.ms

(2) 1,4-Dioxane

3.152min (+ 0.004) 1.50 ng/u1

response 9402

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	41.10	40.85
58.00	52.30	63.60#
0.00	0.00	0.00

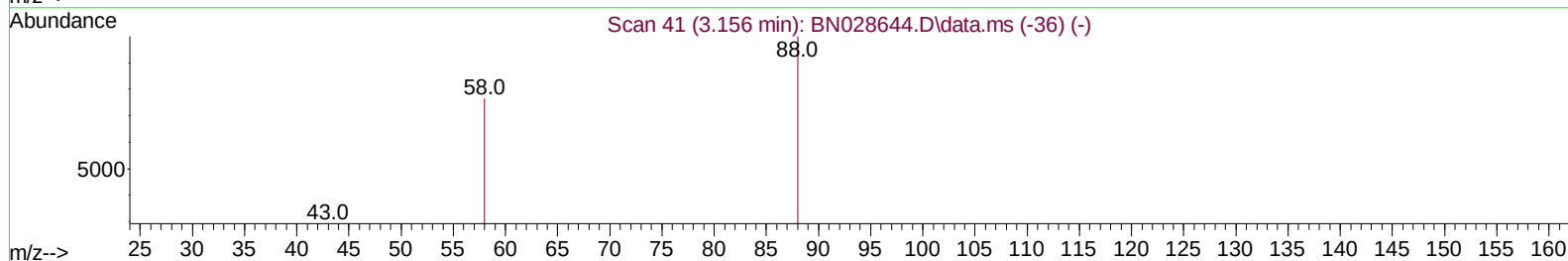
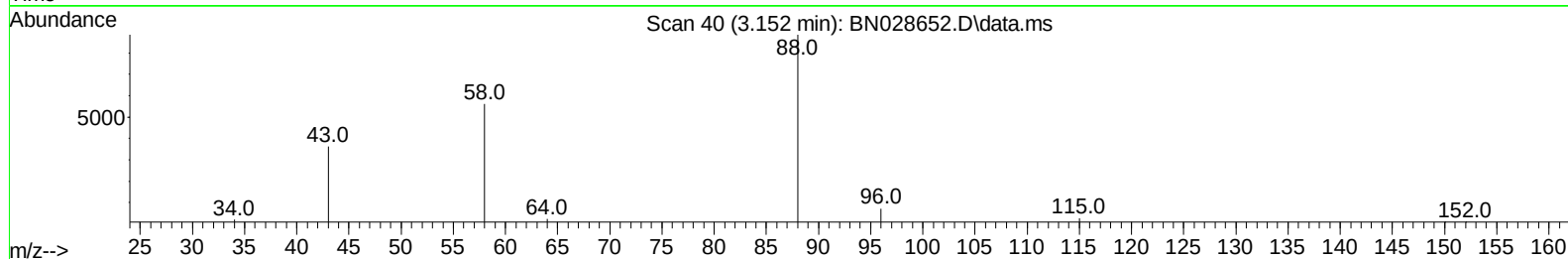
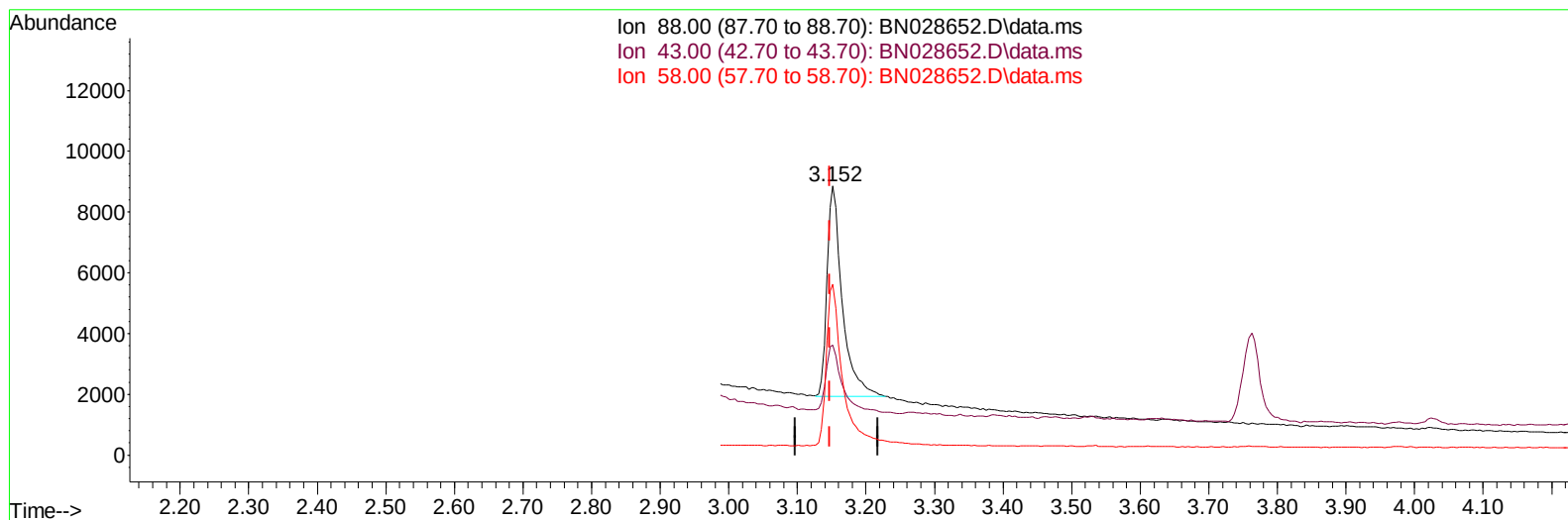
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Data File : BN028652.D
Acq On : 16 Nov 2023 06:18
Operator : MA/JU
Sample : 05337-20MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDK5MS

Manual IntegrationsAPPROVED

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TIC: BN028652.D\data.ms

(2) 1,4-Dioxane

3.152min (+ 0.004) 1.71 ng/ul m

response 10735

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	41.10	40.85
58.00	52.30	63.60#
0.00	0.00	0.00

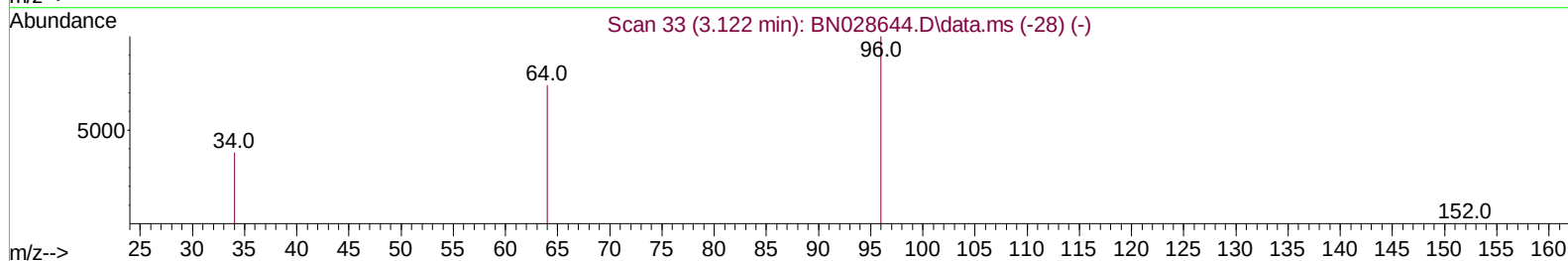
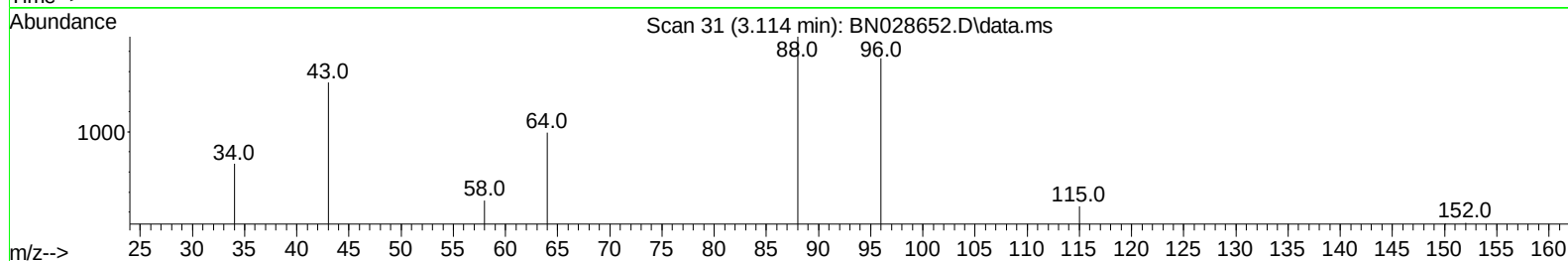
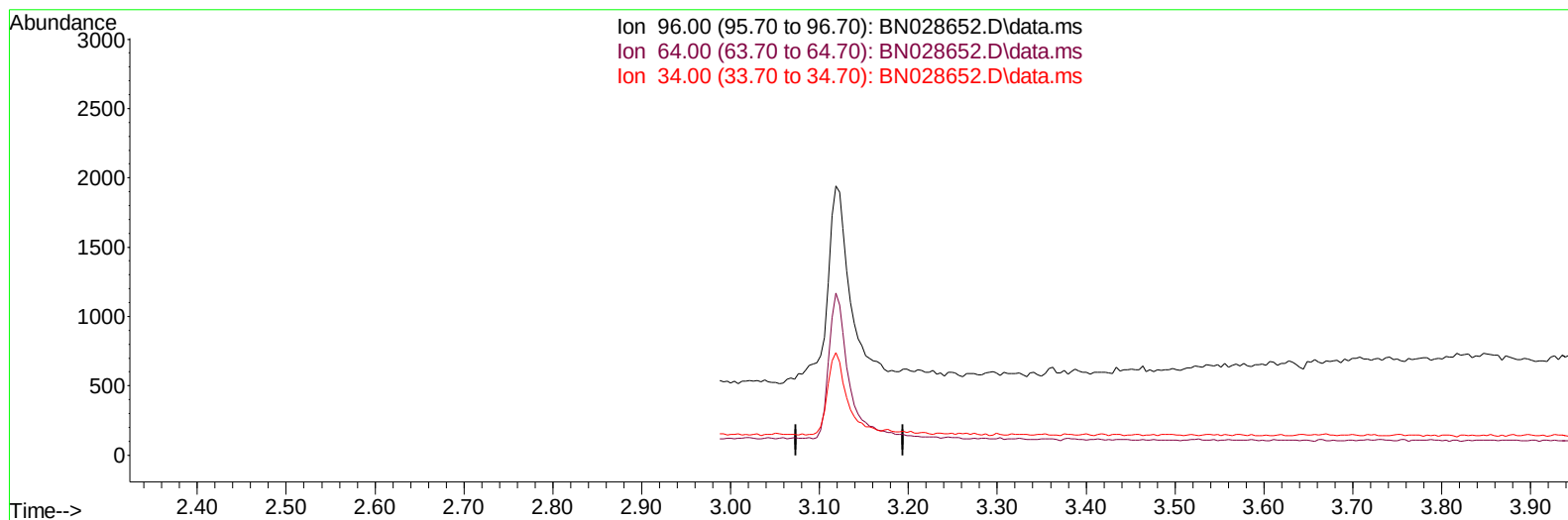
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 Operator : MA/JU
 Sample : 05337-20MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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TIC: BN028652.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.114min (-3.114) 0.00 ng/ul

response 0

Ion	Exp%	Act%
96.00	100.00	0.00
64.00	67.40	0.00#
34.00	38.60	0.00#
0.00	0.00	0.00

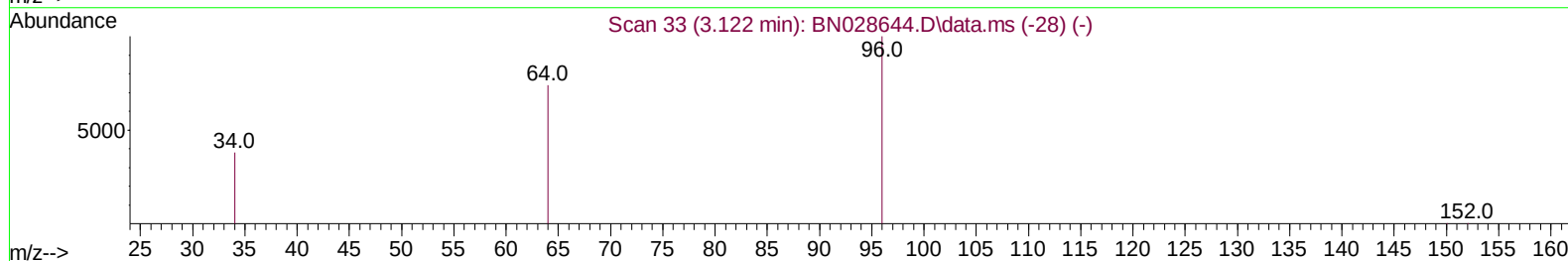
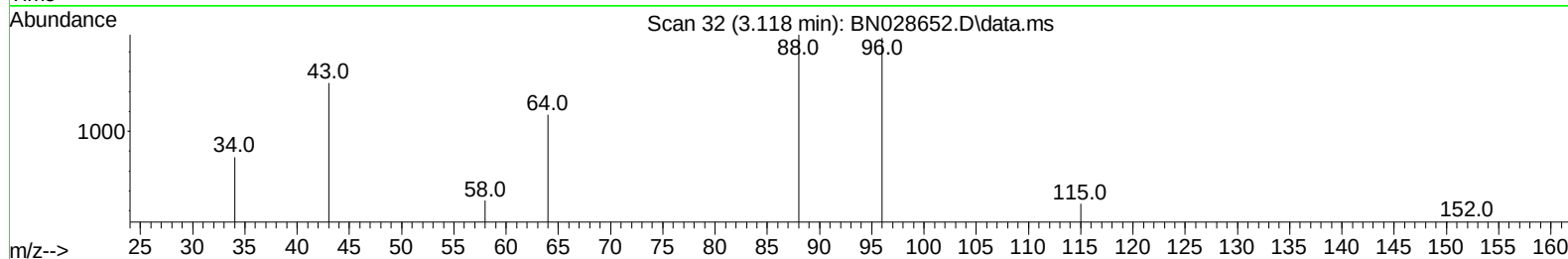
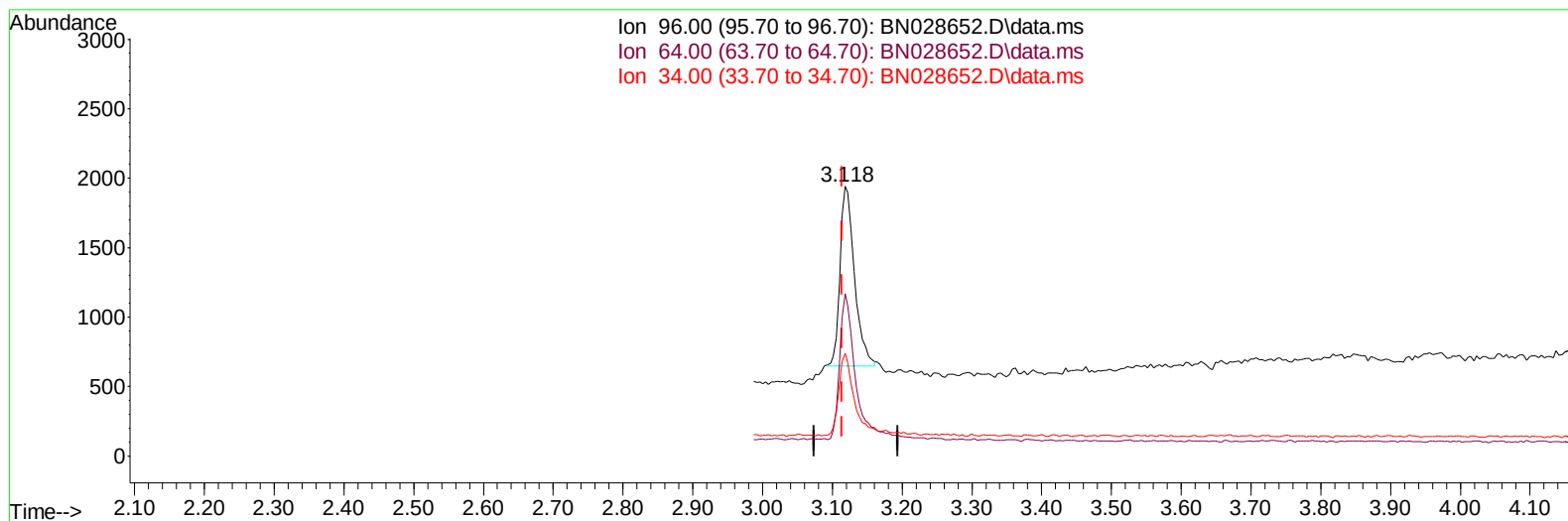
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TIC: BN028652.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.118min (+ 0.004) 0.33 ng/ul m

response 1870

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	67.40	60.21
34.00	38.60	38.09
0.00	0.00	0.00

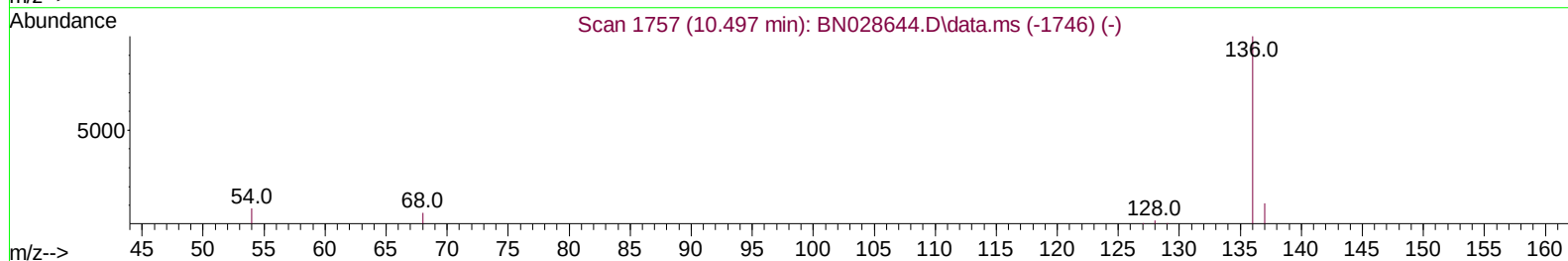
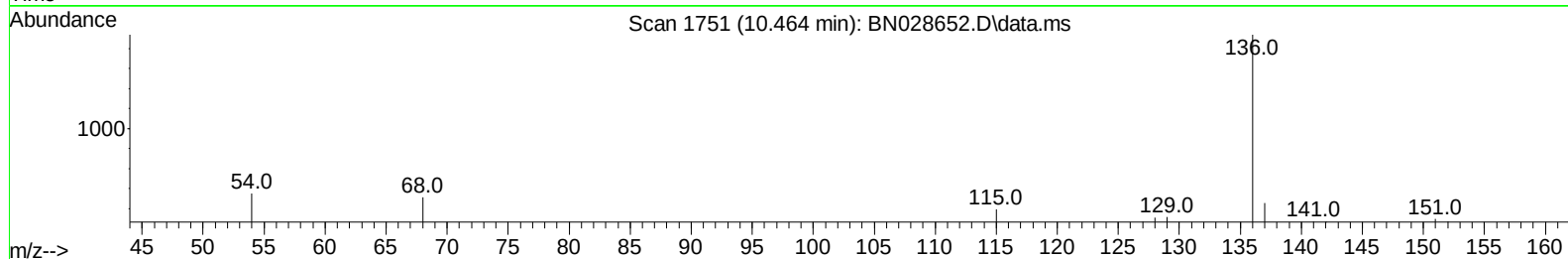
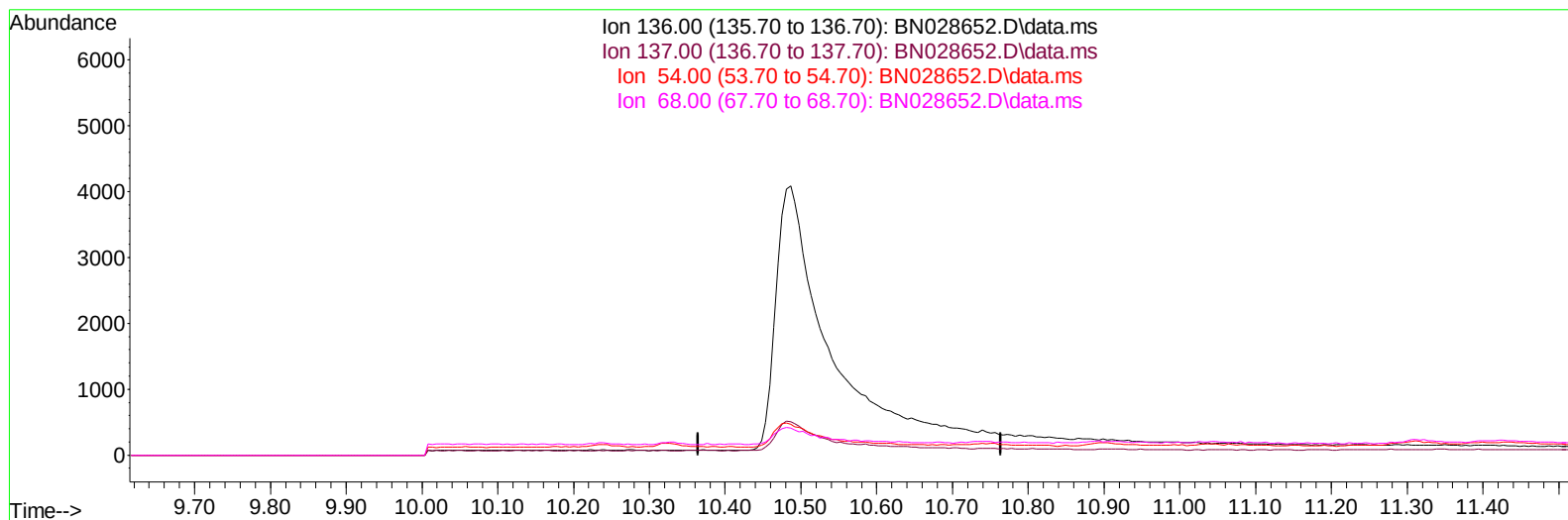
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 Sample : 05337-20MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
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TIC: BN028652.D\data.ms

(4) Naphthalene-d8 (I)

10.464min (-10.464) 0.00 ng/ul

response 0

Ion	Exp%	Act%
136.00	100.00	0.00
137.00	11.20	0.00#
54.00	9.00	0.00#
68.00	7.10	0.00#

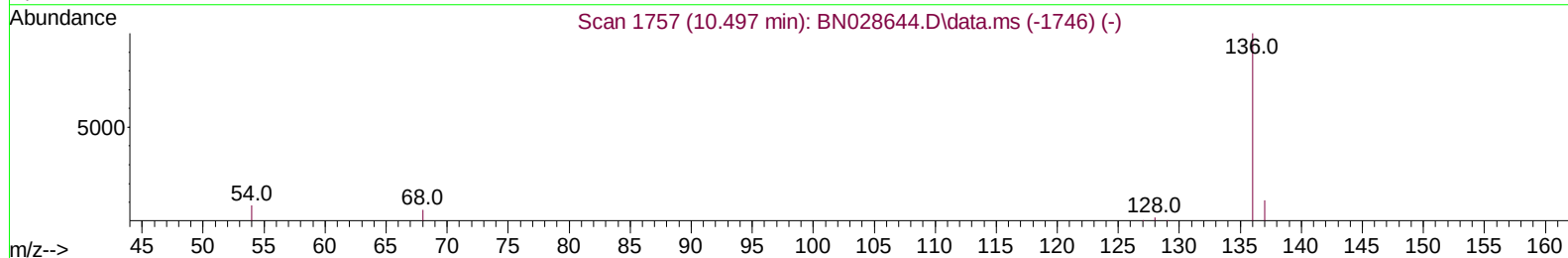
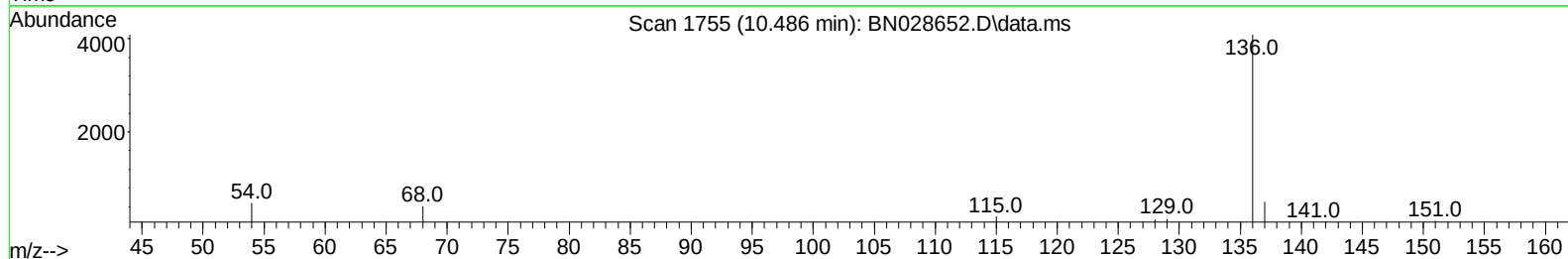
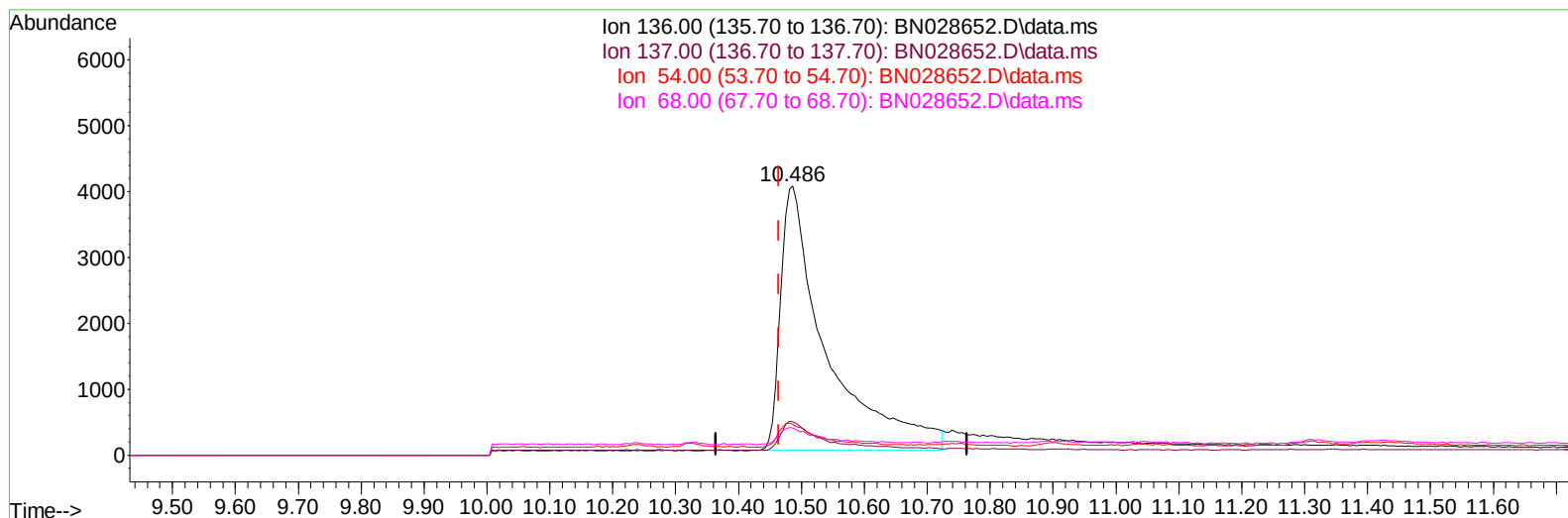
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TIC: BN028652.D\data.ms

(4) Naphthalene-d8 (I)

10.486min (+ 0.022) 0.40 ng/ul m

response 20244

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	12.29
54.00	9.00	11.56#
68.00	7.10	10.01#

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 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
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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	7.767	152	5124m	0.400	ng/ul	0.09
4) Naphthalene-d8	10.486	136	20244m	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.322	164	15375	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.083	188	27557	0.400	ng/ul	0.00
17) Chrysene-d12	21.290	240	27578	0.400	ng/ul	0.00
23) Perylene-d12	23.575	264	25439	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.118	96	1870m	0.330	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.087	152	5891	0.193	ng/ul	0.02
18) Fluoranthene-d10	19.115	212	31980	0.360	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.152	88	10735m	1.715	ng/ul	
5) Naphthalene	10.530	128	13898	0.245	ng/ul#	95
7) 2-Methylnaphthalene	12.158	142	6284	0.168	ng/ul	98
8) 1-Methylnaphthalene	12.362	142	9901	0.261	ng/ul	99
10) Acenaphthylene	14.045	152	20773	0.271	ng/ul	97
11) Acenaphthene	14.387	153	16444	0.291	ng/ul	100
12) Fluorene	15.387	166	16510	0.251	ng/ul	99
14) Pentachlorophenol	16.733	266	6279	0.949	ng/ul	99
15) Phenanthrene	17.121	178	28865	0.341	ng/ul	98
16) Anthracene	17.222	178	19715	0.254	ng/ul	97
19) Fluoranthene	19.147	202	40935	0.349	ng/ul	100
20) Pyrene	19.510	202	45938	0.378	ng/ul	98
21) Benzo(a)anthracene	21.275	228	30856	0.283	ng/ul	98
22) Chrysene	21.325	228	35514	0.333	ng/ul	99
24) Benzo(b)fluoranthene	22.885	252	31309	0.328	ng/ul	92
25) Benzo(k)fluoranthene	22.932	252	37730	0.377	ng/ul	95
26) Benzo(a)pyrene	23.473	252	30200	0.335	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.924	276	33161	0.332	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.948	278	25821	0.323	ng/ul	96
29) Benzo(g,h,i)perylene	26.635	276	28771	0.351	ng/ul	97

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

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