

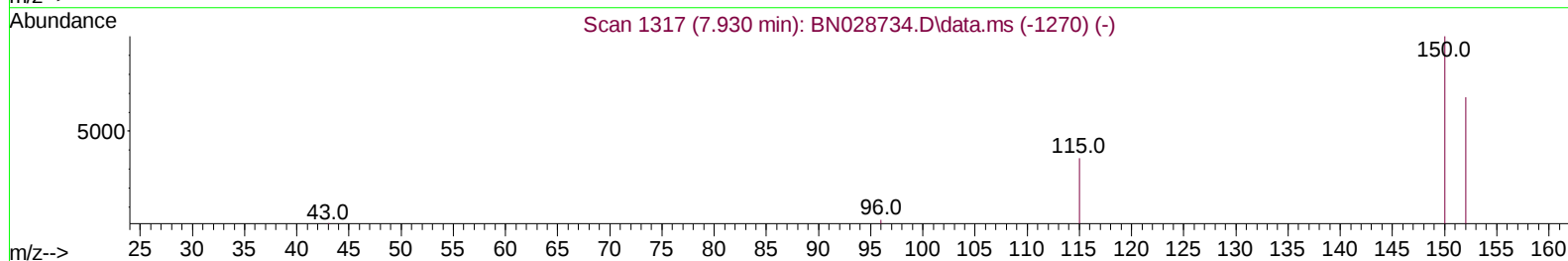
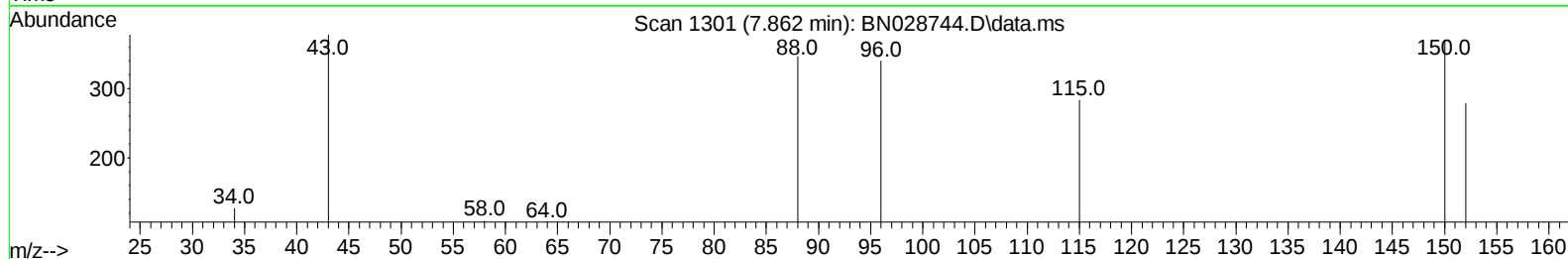
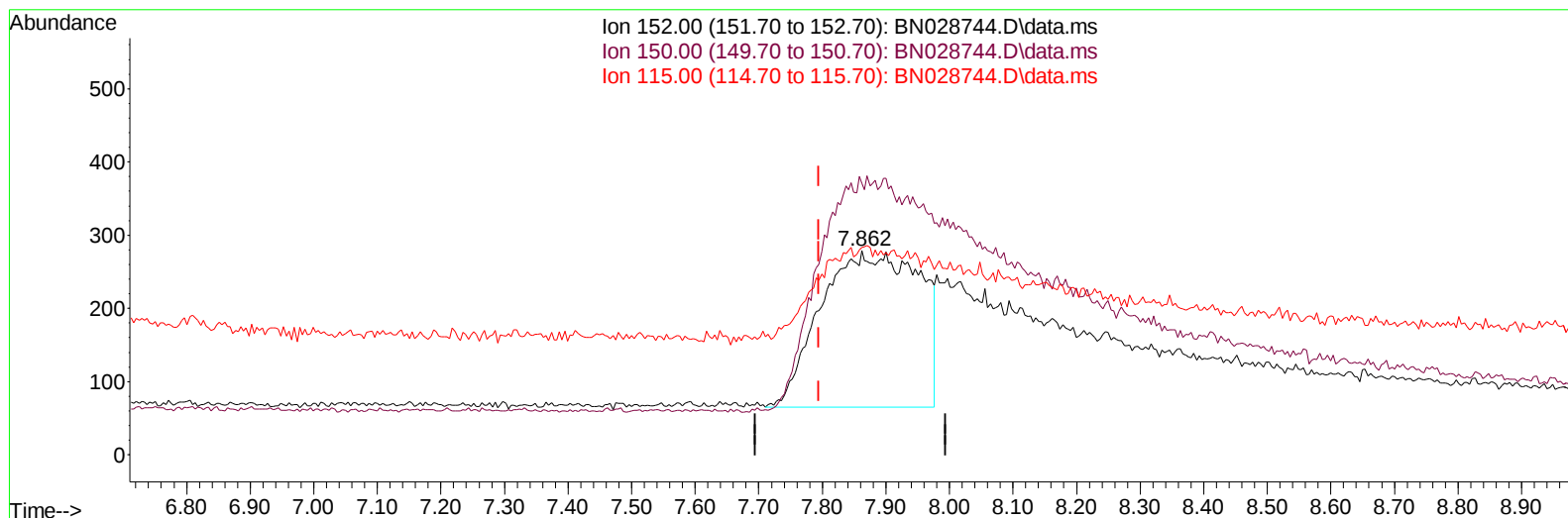
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028744.D
Acq On : 18 Nov 2023 18:18
Operator : MA/JU
Sample : 05369-17MS
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDP3MS

Manual IntegrationsAPPROVED

Quant Time: Nov 19 22:45:25 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 : Fri Nov 17 09:39:27 2023
Response via : Initial Calibration

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



TIC: BN028744.D\data.ms

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

7.862min (+ 0.067) 0.40 ng/u1

response 2310

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	132.97
115.00	62.20	101.43#
0.00	0.00	0.00

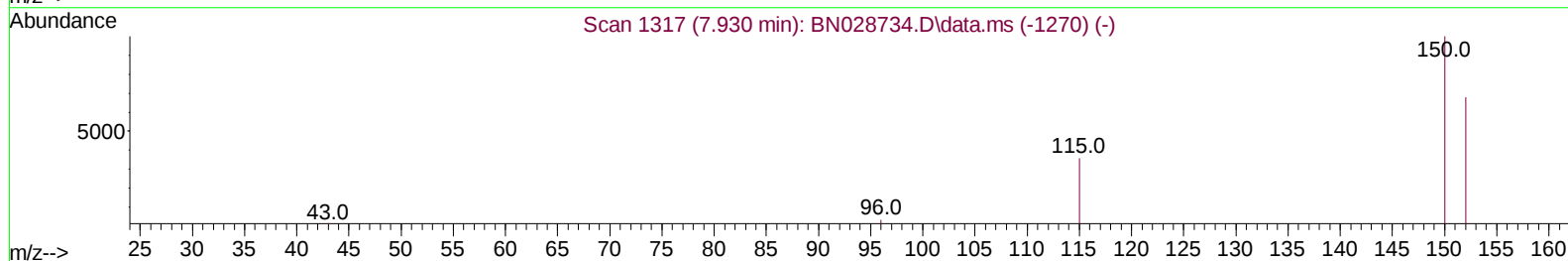
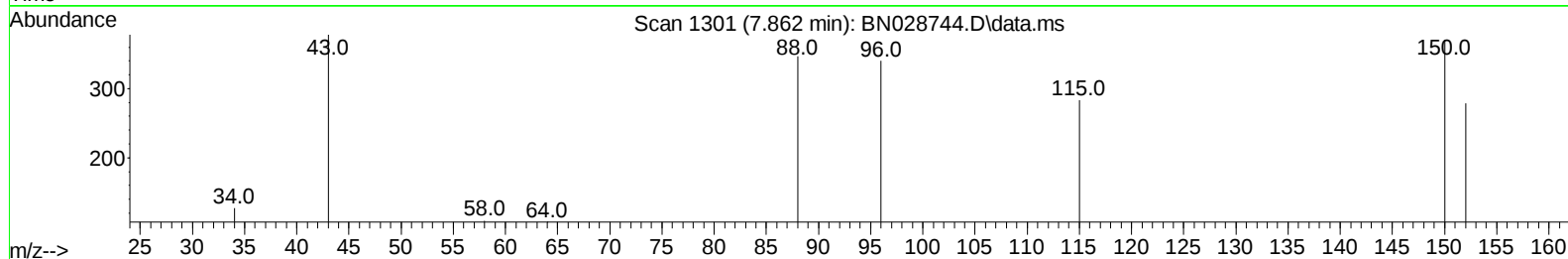
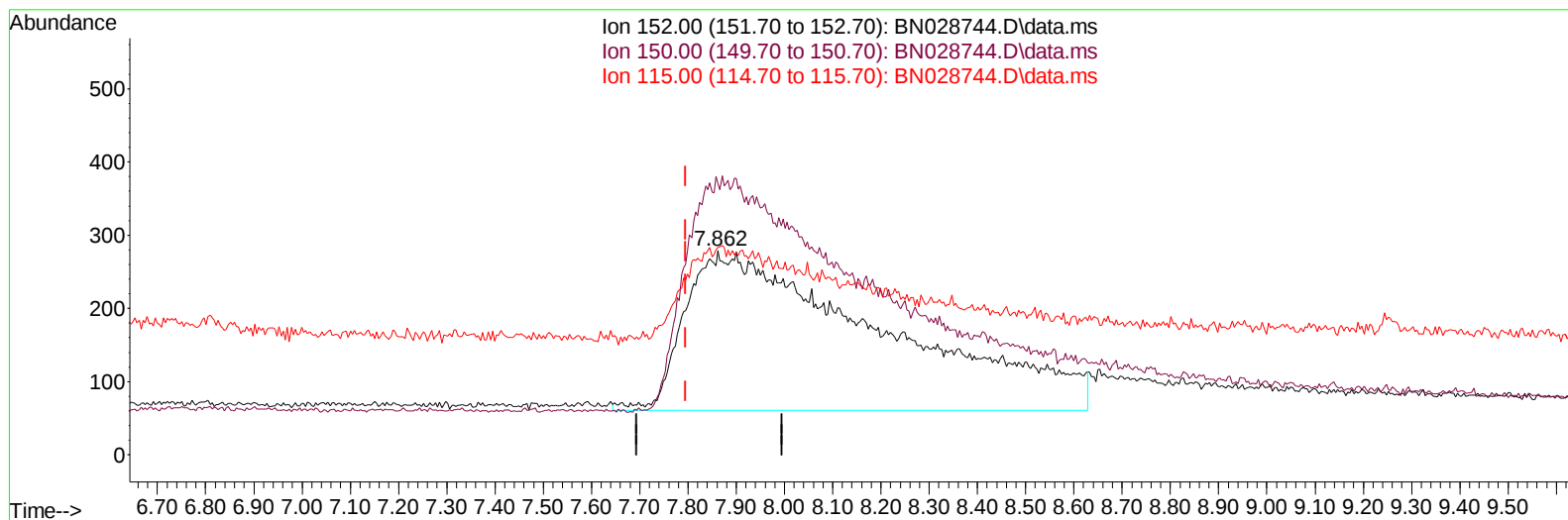
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TIC: BN028744.D\data.ms

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

7.862min (+ 0.067) 0.40 ng/ul m

response 6159

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	132.97
115.00	62.20	101.43#
0.00	0.00	0.00

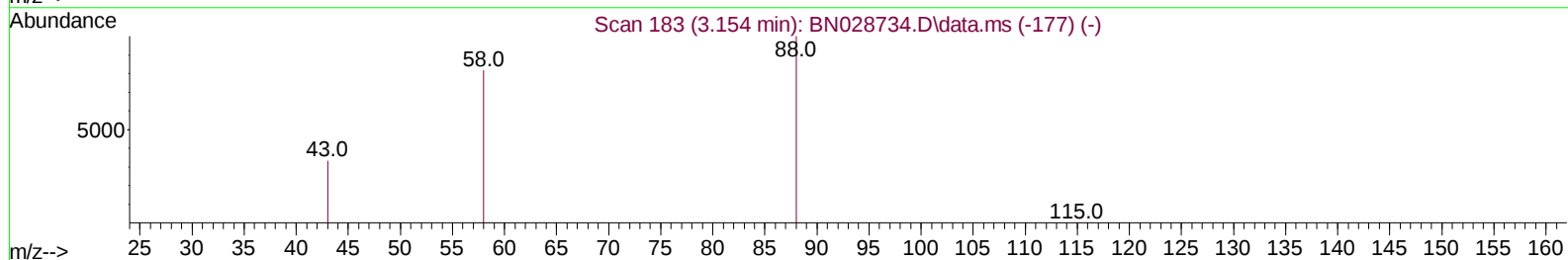
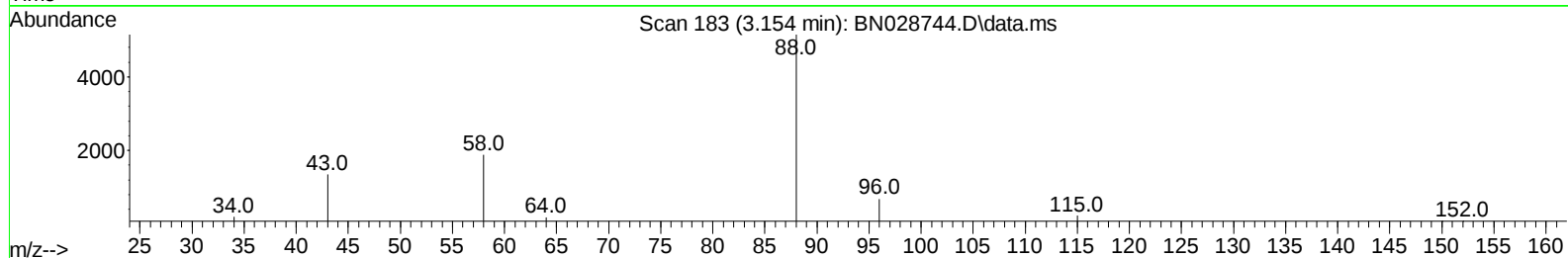
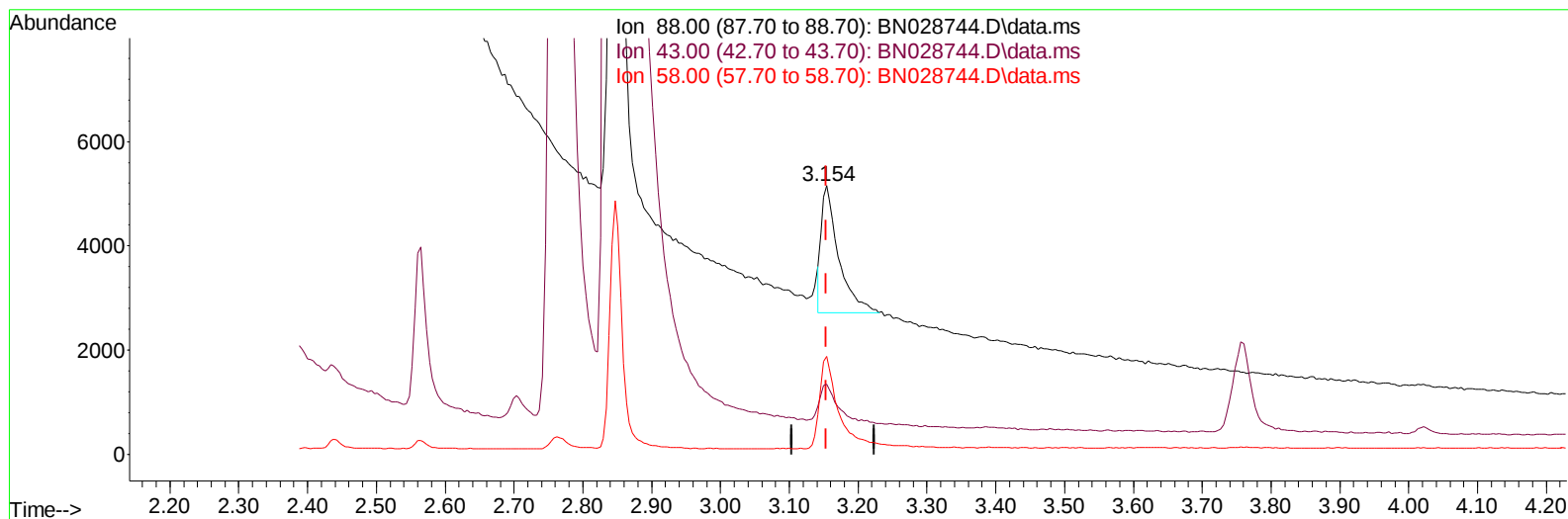
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TIC: BN028744.D\data.ms

(2) 1,4-Dioxane

3.154min (-0.000) 0.56 ng/u1

response 4247

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	41.10	26.13#
58.00	52.30	36.41#
0.00	0.00	0.00

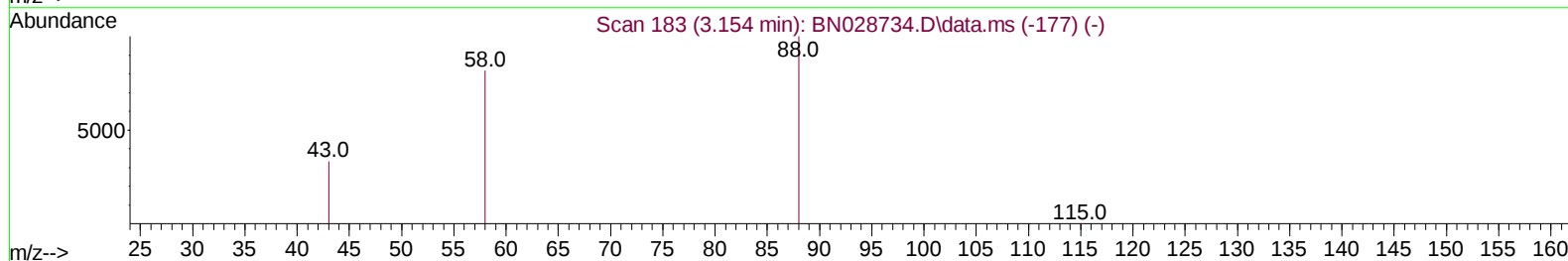
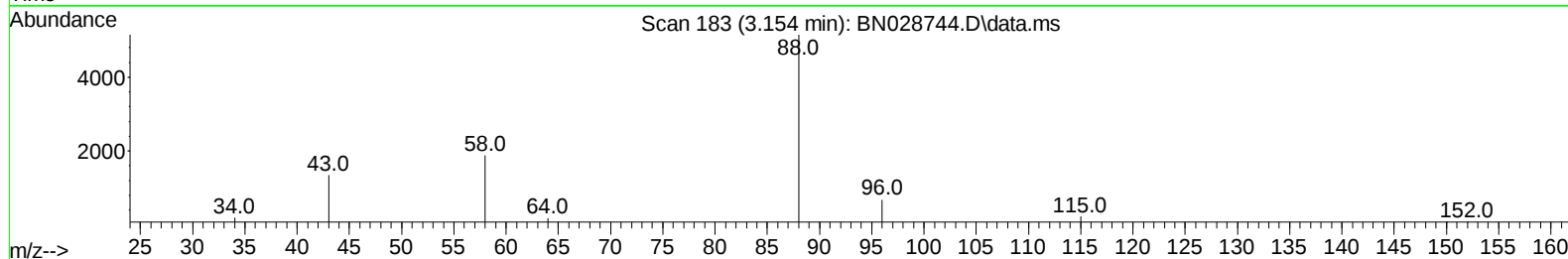
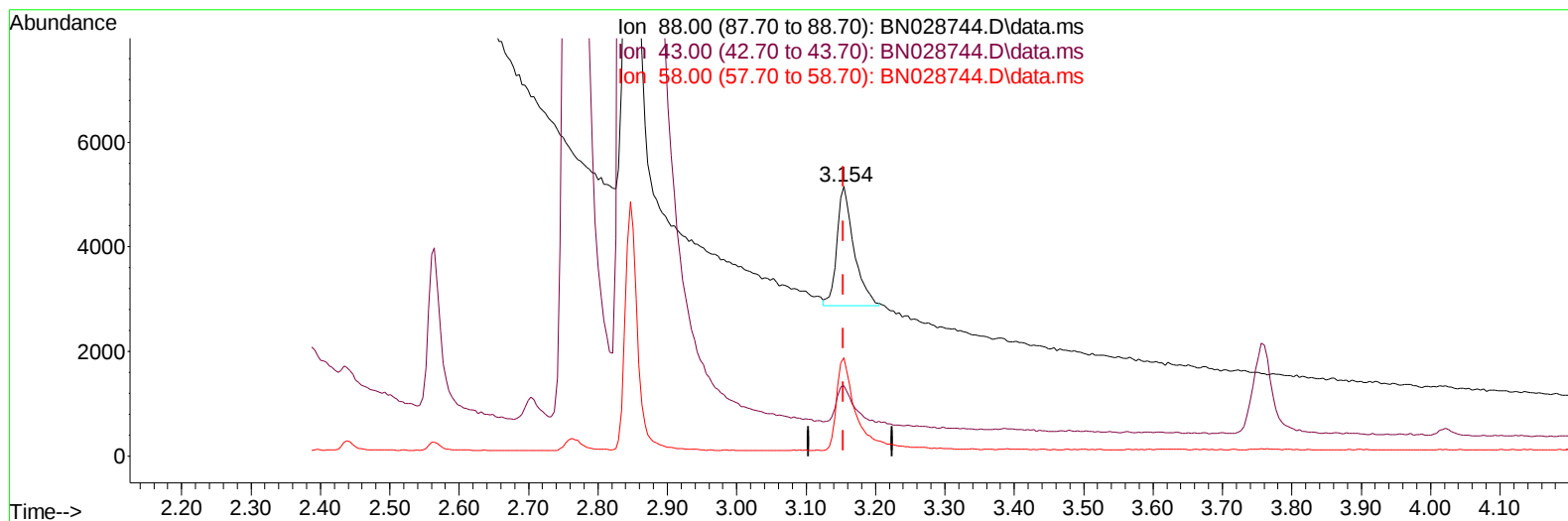
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
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Operator : MA/JU
Sample : 05369-17MS
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN028744.D\data.ms

(2) 1,4-Dioxane

3.154min (-0.000) 0.52 ng/ul m

response 3879

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	41.10	26.13#
58.00	52.30	36.41#
0.00	0.00	0.00

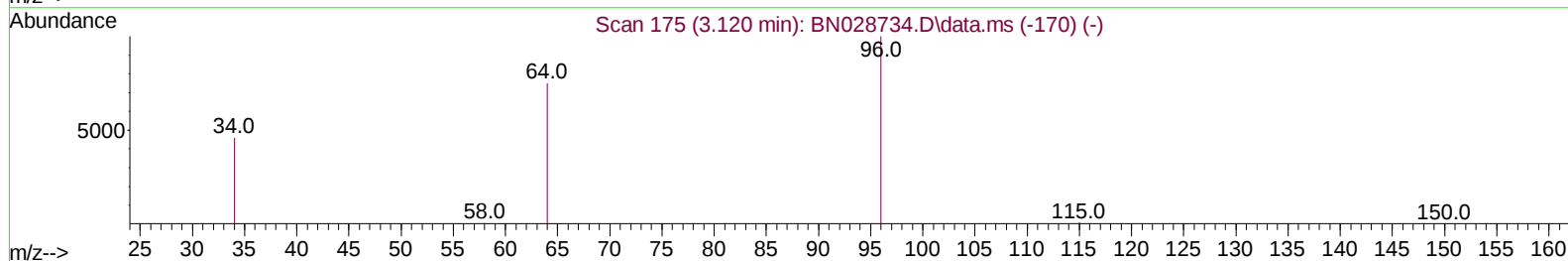
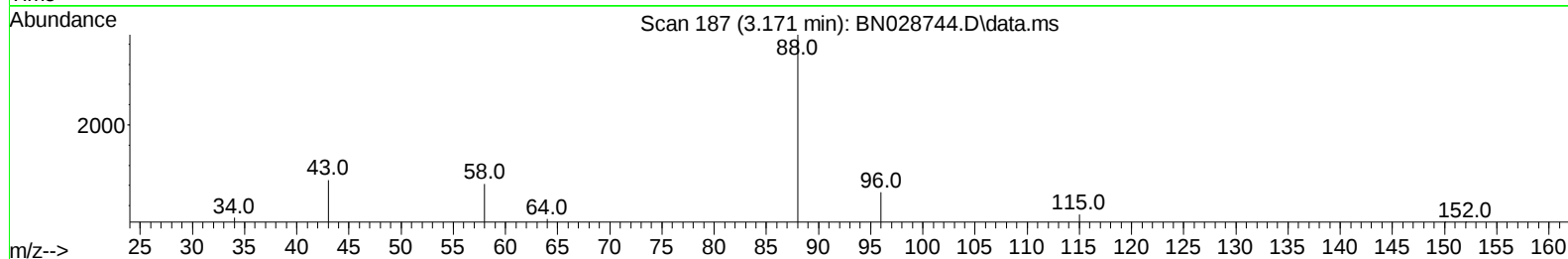
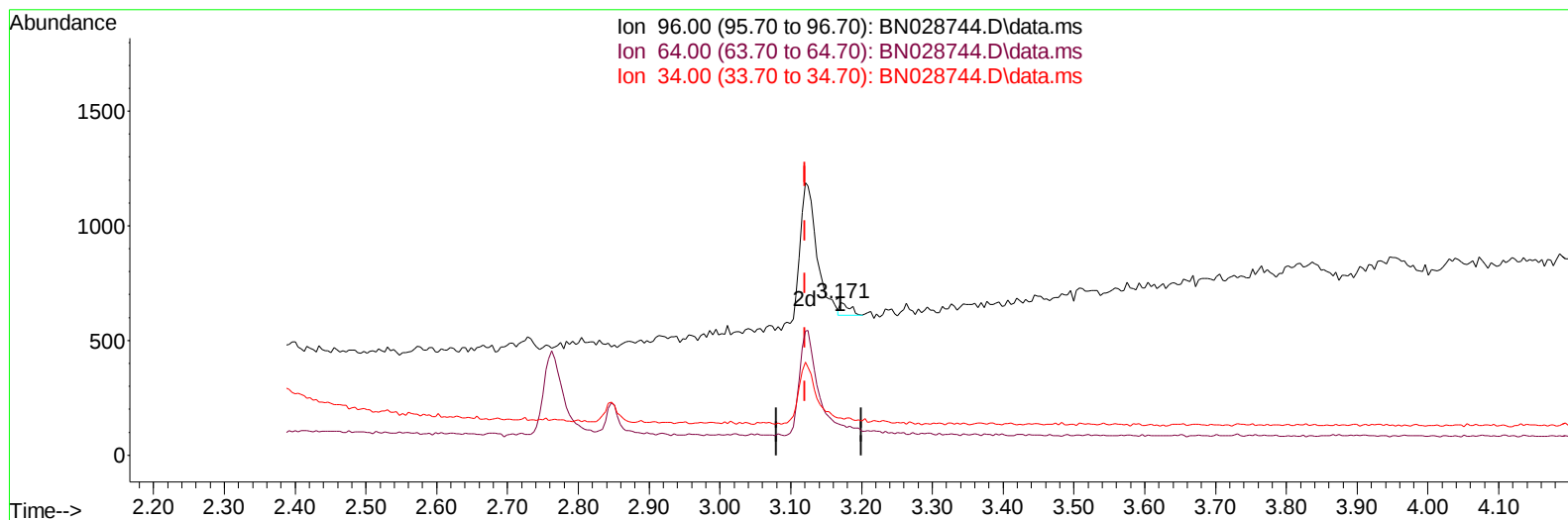
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TIC: BN028744.D\data.ms

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

3.171min (+ 0.050) 0.01 ng/u1

response 57

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	67.40	20.00#
34.00	38.60	24.21#
0.00	0.00	0.00

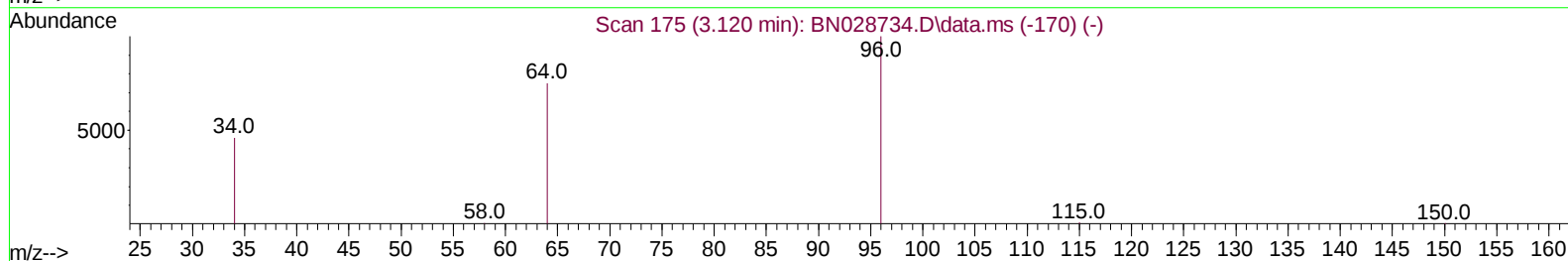
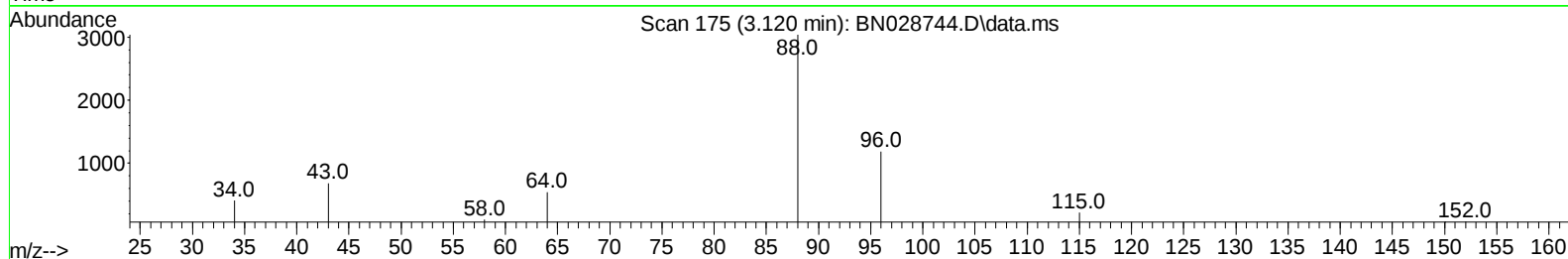
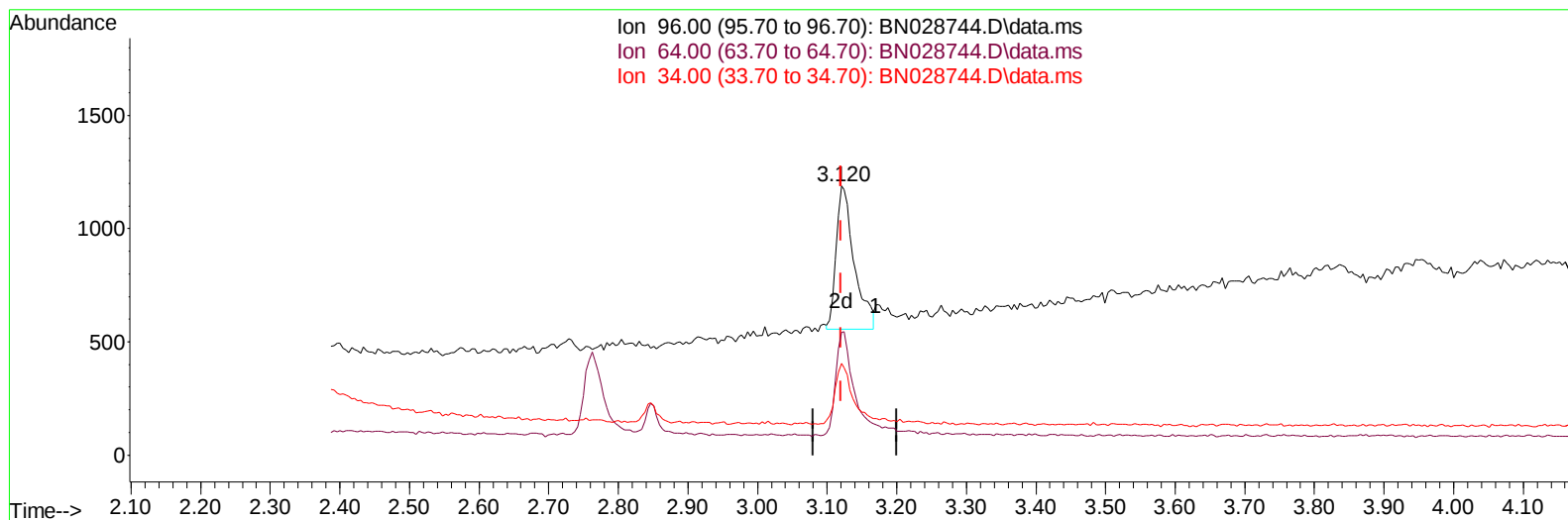
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Data File : BN028744.D
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Operator : MA/JU
Sample : 05369-17MS
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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TIC: BN028744.D\data.ms

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

3.120min (-0.000) 0.17 ng/ul m

response 1138

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	67.40	45.54#
34.00	38.60	34.18
0.00	0.00	0.00

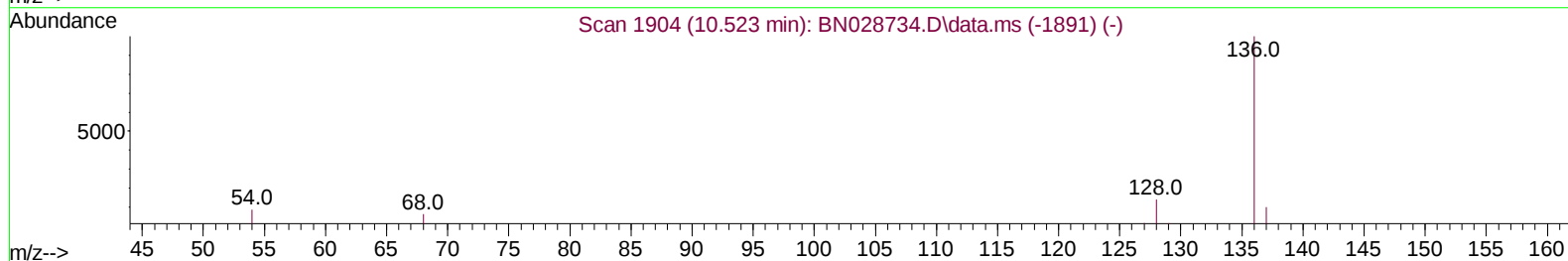
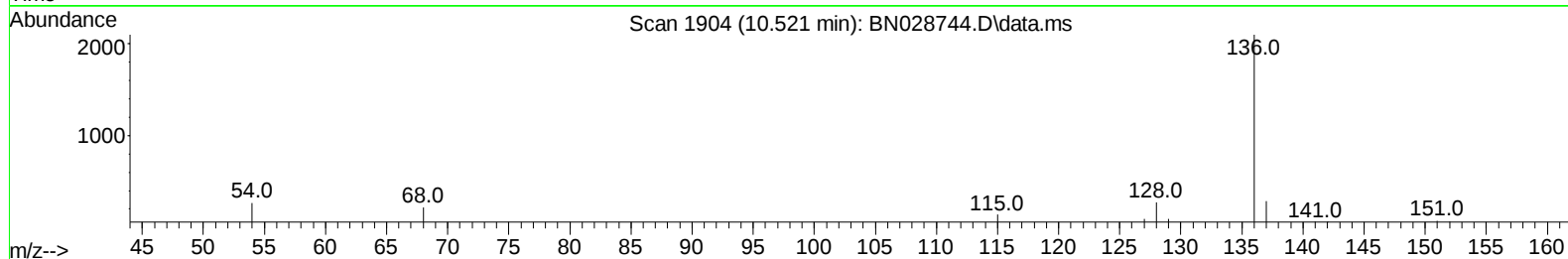
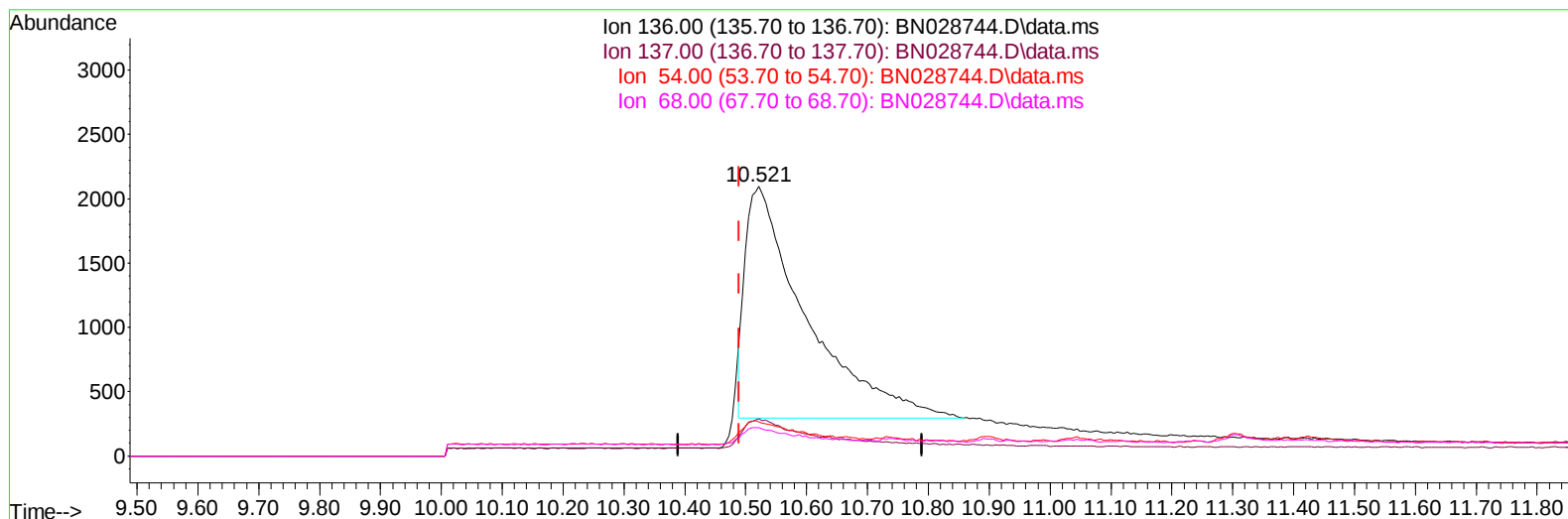
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 Misc :
 ALS Vial : 44 Sample Multiplier: 1

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TIC: BN028744.D\data.ms

(4) Naphthalene-d8 (I)

10.521min (+ 0.032) 0.40 ng/ul

response 12461

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	13.70#
54.00	9.00	12.70#
68.00	7.10	10.41#

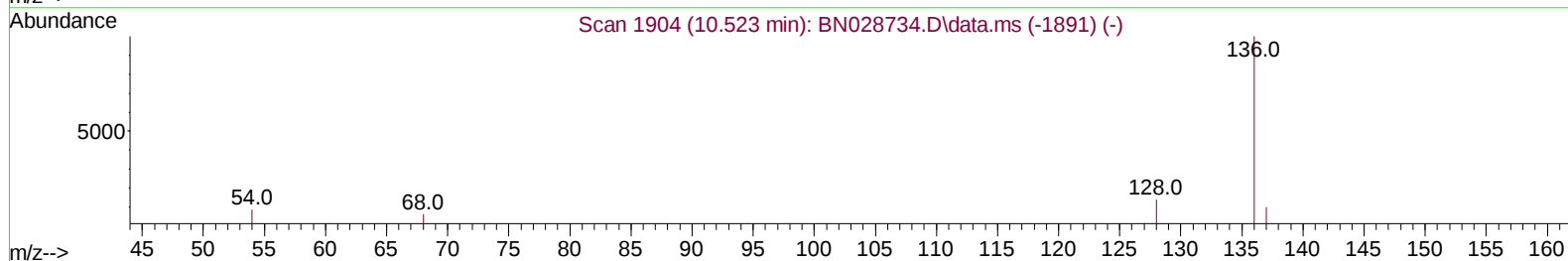
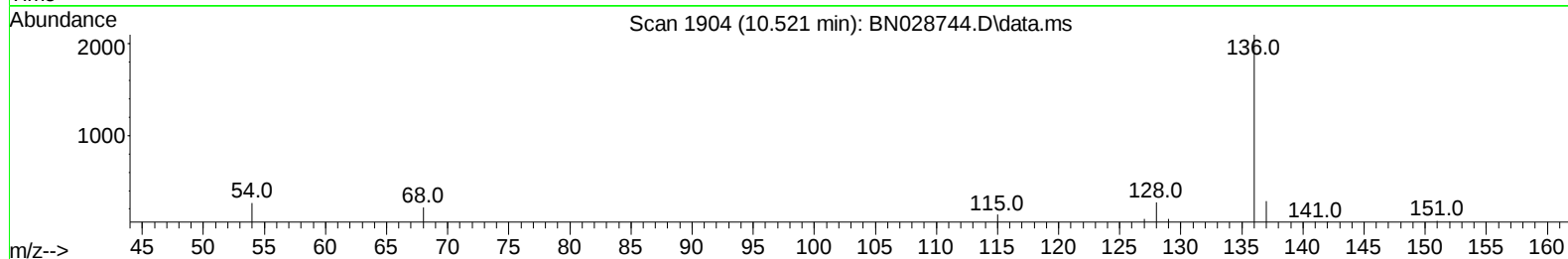
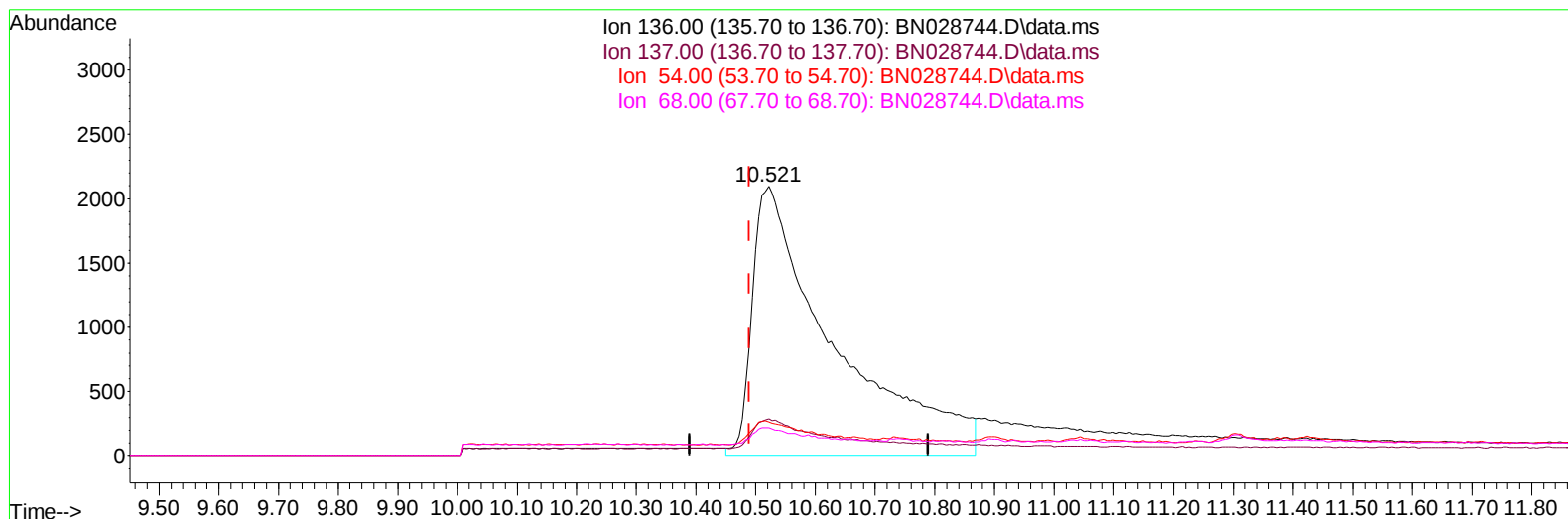
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 Acq On : 18 Nov 2023 18:18
 Operator : MA/JU
 Sample : 05369-17MS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDP3MS

Manual IntegrationsAPPROVED

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TIC: BN028744.D\data.ms

(4) Naphthalene-d8 (I)

10.521min (+ 0.032) 0.40 ng/ul m

response 19857

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	13.70#
54.00	9.00	12.70#
68.00	7.10	10.41#

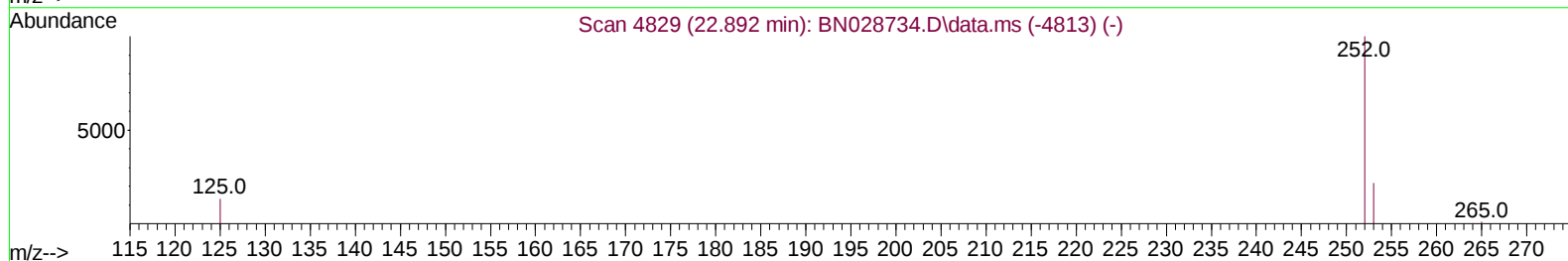
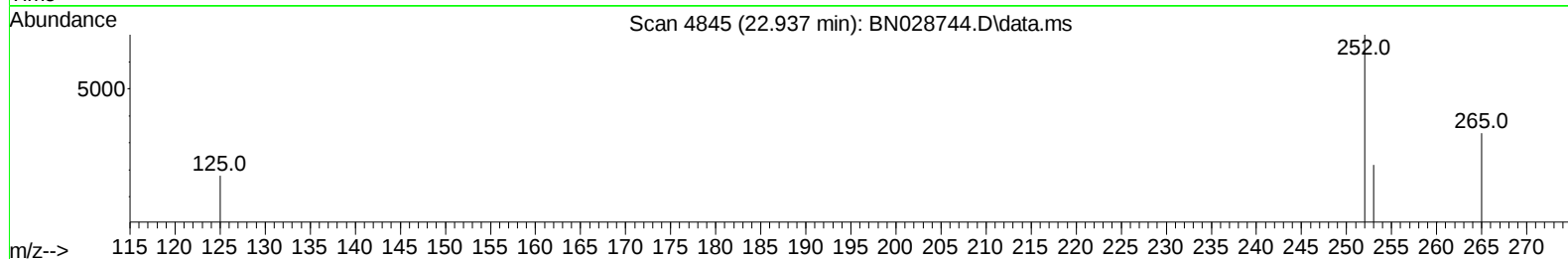
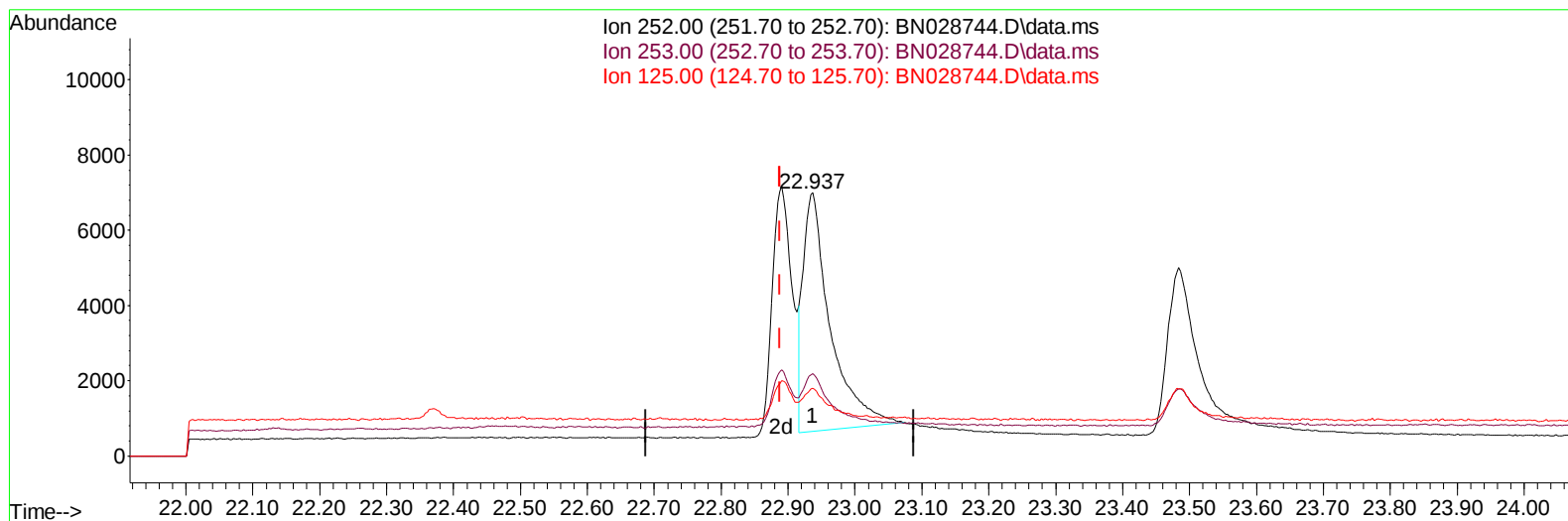
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TIC: BN028744.D\data.ms

(24) Benzo(b)fluoranthene

22.937min (+ 0.049) 0.30 ng/u1

response 17848

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.30	31.37
125.00	13.80	25.64
0.00	0.00	0.00

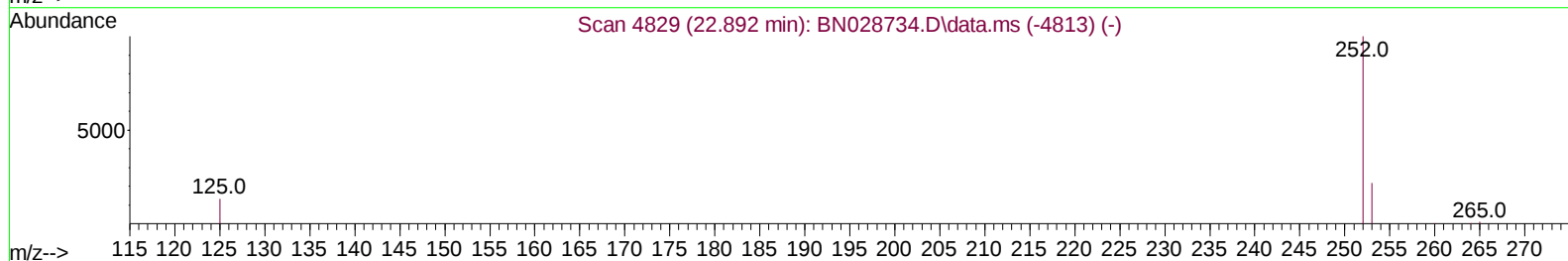
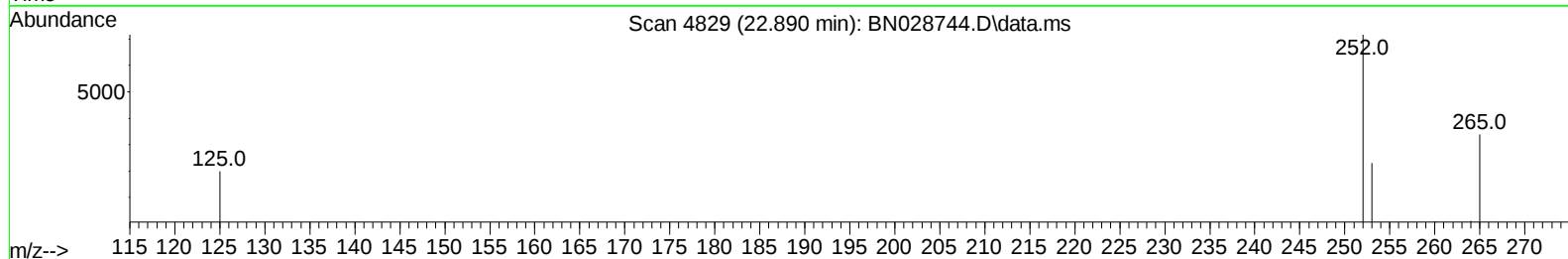
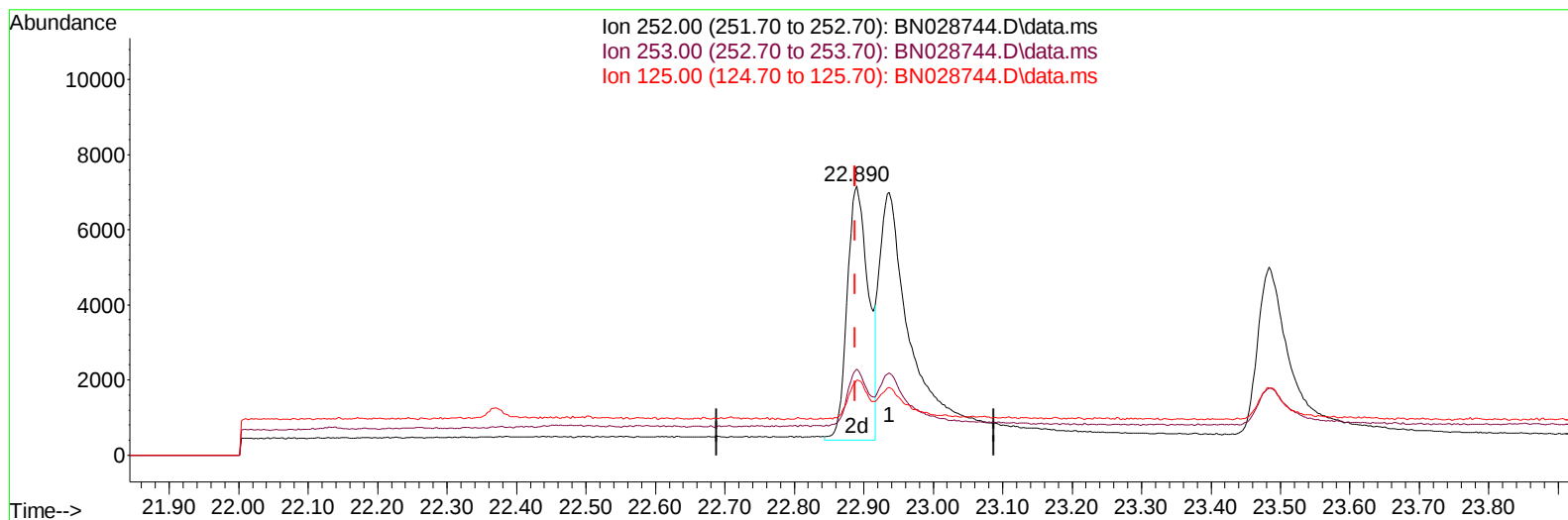
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TIC: BN028744.D\data.ms

(24) Benzo(b)fluoranthene

22.890min (+ 0.002) 0.24 ng/u1 m

response 14419

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.30	32.04
125.00	13.80	27.91#
0.00	0.00	0.00

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 ALS Vial : 44 Sample Multiplier: 1

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.862	152	6159m	0.400	ng/ul	0.07
4) Naphthalene-d8	10.521	136	19857m	0.400	ng/ul	0.03
9) Acenaphthene-d10	14.320	164	12552	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.089	188	17303	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.294	240	16069	0.400	ng/ul	# 0.00
23) Perylene-d12	23.577	264	15928	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.120	96	1138m	0.167	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.149	152	3378	0.113	ng/ul	0.04
18) Fluoranthene-d10	19.121	212	15074	0.292	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.154	88	3879m	0.516	ng/ul	
5) Naphthalene	10.571	128	10008	0.180	ng/ul#	89
7) 2-Methylnaphthalene	12.221	142	3893	0.106	ng/ul	95
8) 1-Methylnaphthalene	12.375	142	6482	0.174	ng/ul	96
10) Acenaphthylene	14.052	152	13920	0.222	ng/ul	97
11) Acenaphthene	14.385	153	11464	0.249	ng/ul	98
12) Fluorene	15.398	166	9634	0.180	ng/ul	95
14) Pentachlorophenol	16.743	266	1451	0.349	ng/ul	98
15) Phenanthrene	17.131	178	15204	0.286	ng/ul	96
16) Anthracene	17.241	178	9143	0.188	ng/ul#	92
19) Fluoranthene	19.149	202	19842	0.290	ng/ul	98
20) Pyrene	19.511	202	22563	0.319	ng/ul	96
21) Benzo(a)anthracene	21.283	228	11933	0.188	ng/ul	97
22) Chrysene	21.329	228	15908	0.256	ng/ul	99
24) Benzo(b)fluoranthene	22.890	252	14419m	0.241	ng/ul	
25) Benzo(k)fluoranthene	22.937	252	16251	0.260	ng/ul#	81
26) Benzo(a)pyrene	23.484	252	14890	0.264	ng/ul#	67
27) Indeno(1,2,3-cd)pyrene	25.933	276	17539	0.280	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.956	278	13370	0.267	ng/ul#	88
29) Benzo(g,h,i)perylene	26.634	276	15779	0.307	ng/ul	94

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

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