

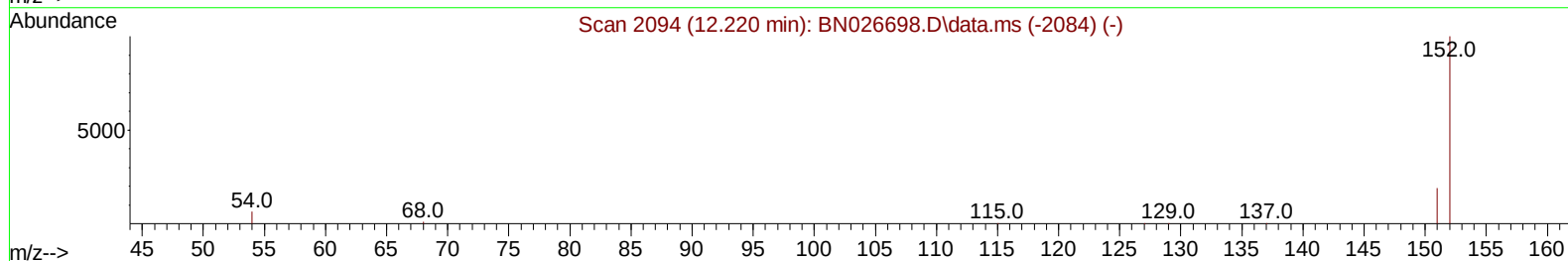
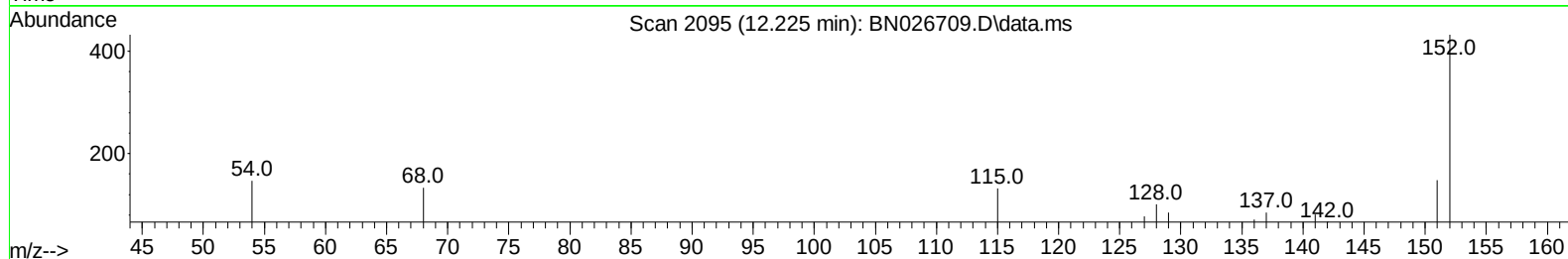
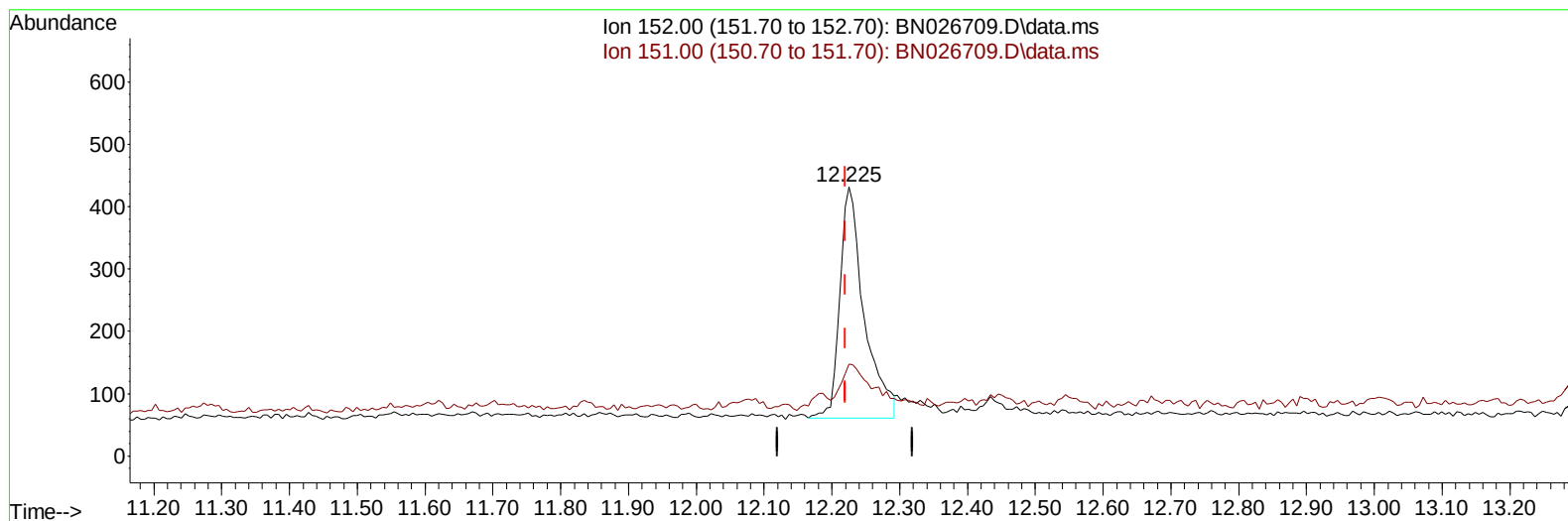
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026709.D
 Acq On : 24 Jul 2023 11:53
 Operator : MA/JU
 Sample : 03504-13DL 5X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46S8DL

Manual IntegrationsAPPROVED

Quant Time: Jul 24 12:24:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 24 00:39:11 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023



TIC: BN026709.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.225min (+ 0.005) 0.05 ng/ul

response 916

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.90	19.87
0.00	0.00	0.00
0.00	0.00	0.00

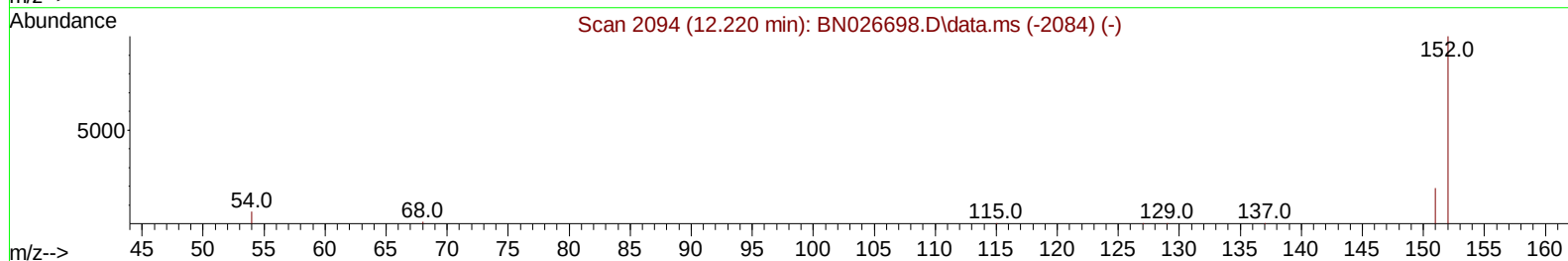
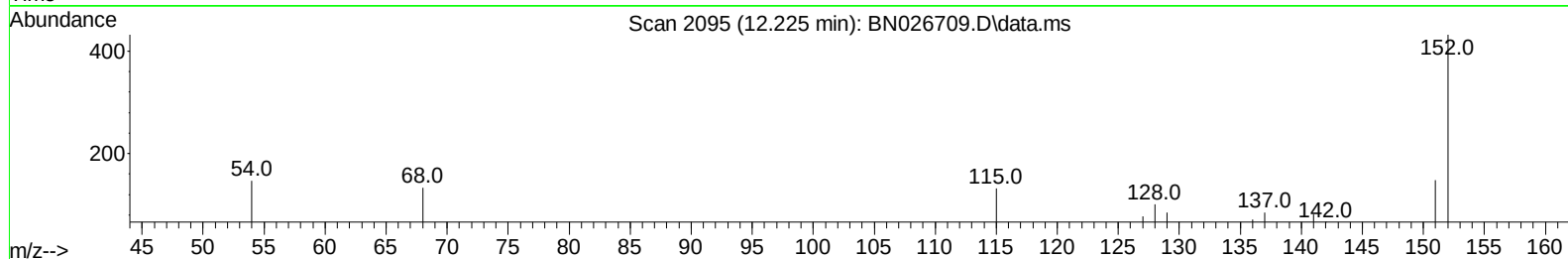
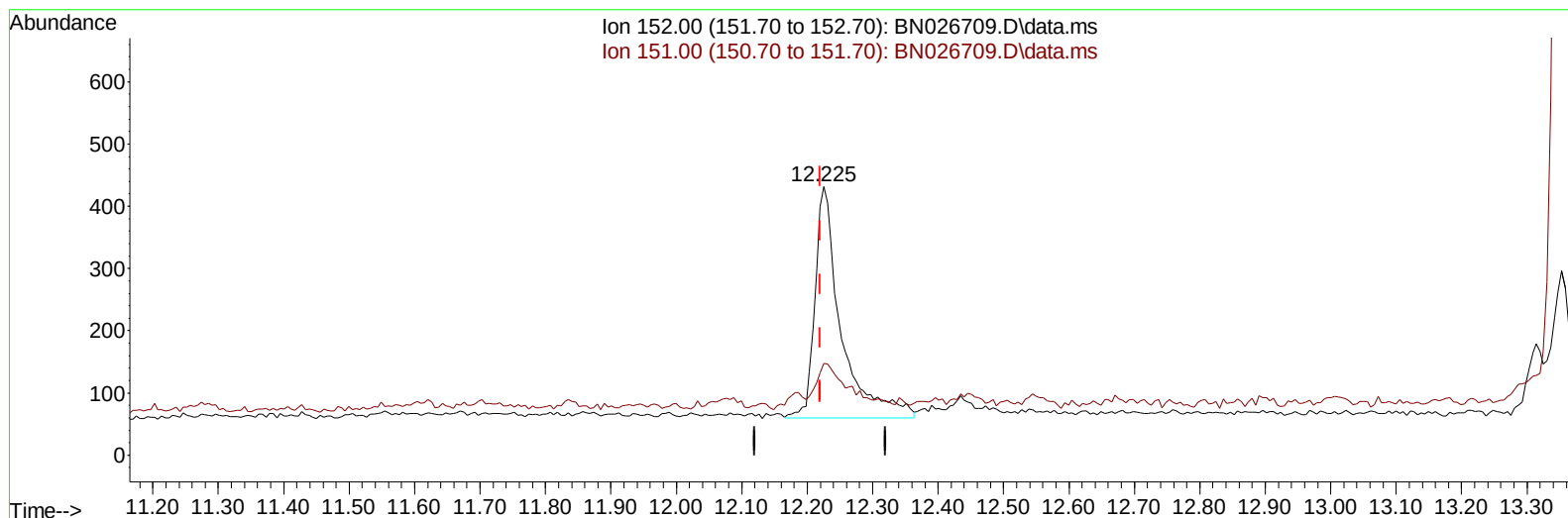
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TIC: BN026709.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.225min (+ 0.005) 0.05 ng/ul m

response 1028

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.90	17.70
0.00	0.00	0.00
0.00	0.00	0.00

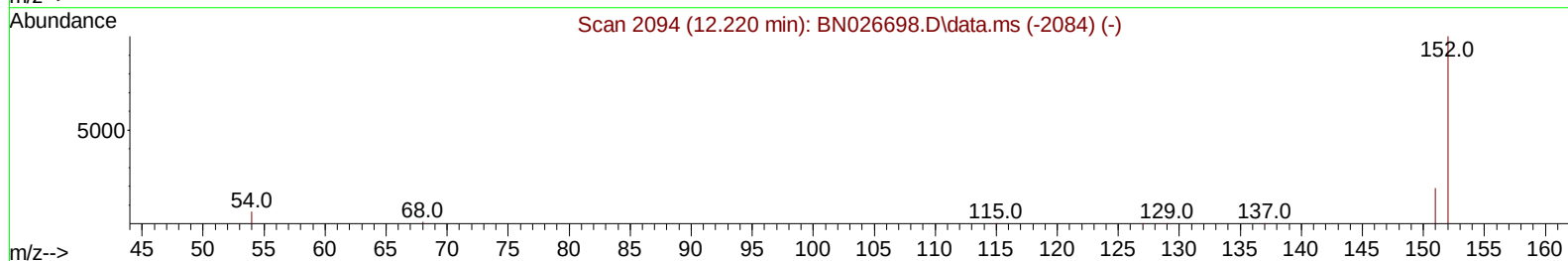
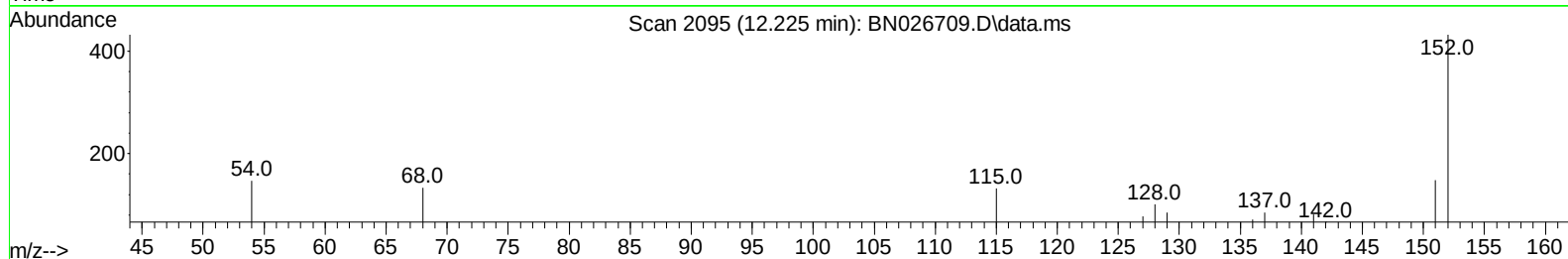
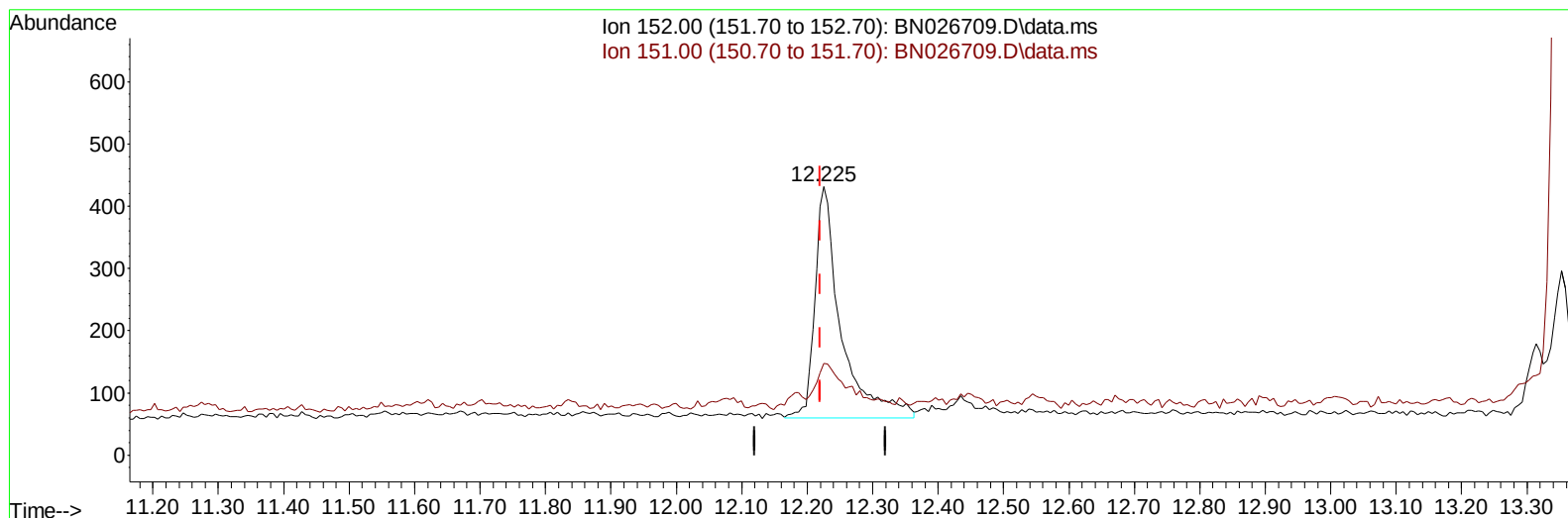
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12.225min (+ 0.005) 0.05 ng/ul m

response 1028

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.90	17.70
0.00	0.00	0.00
0.00	0.00	0.00

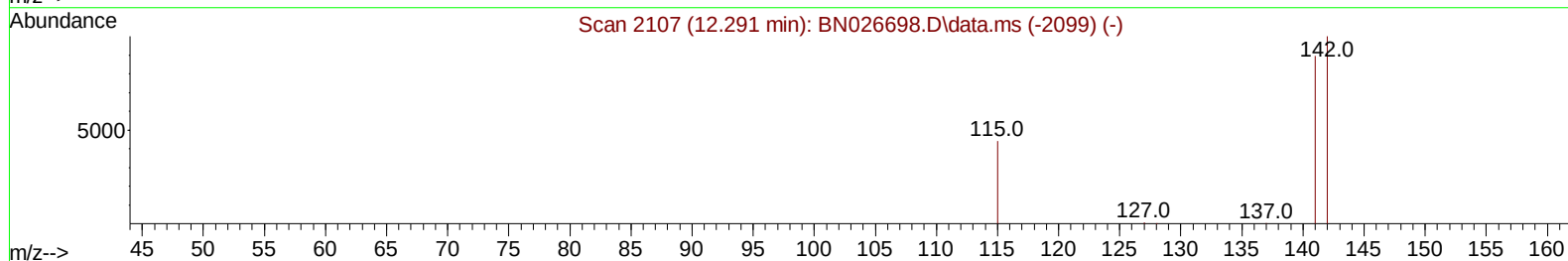
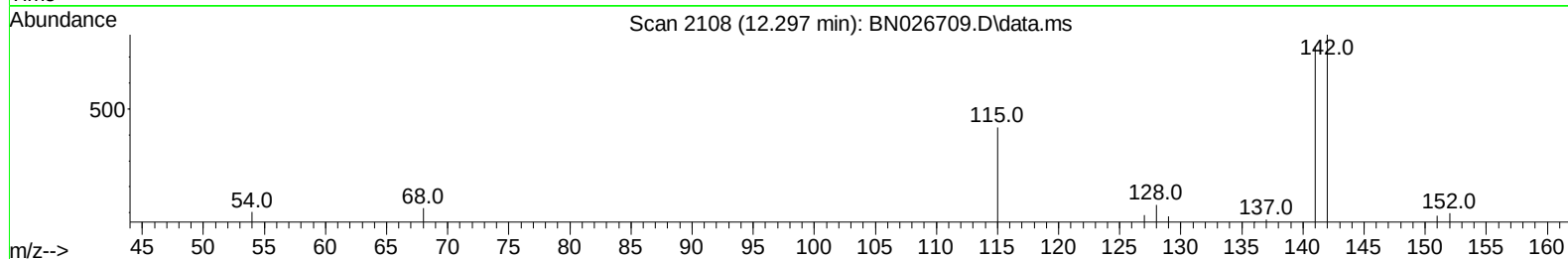
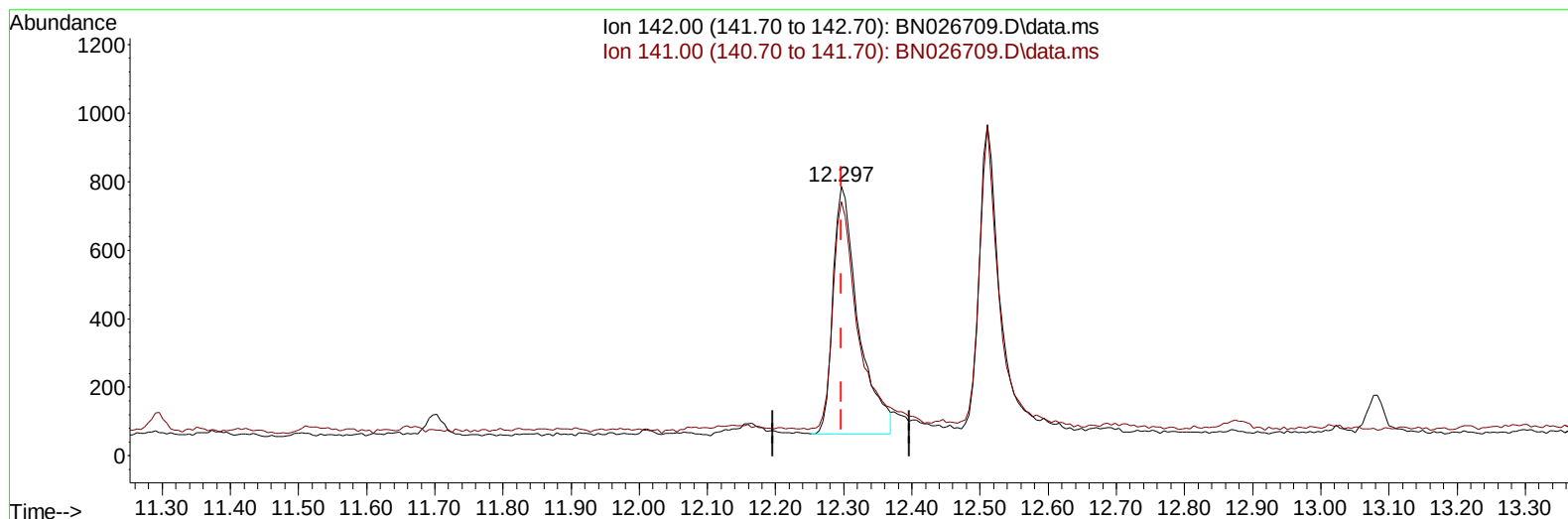
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TIC: BN026709.D\data.ms

(7) 2-Methylnaphthalene

12.297min (-0.000) 0.08 ng/u1

response 1849

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	90.40	92.32
0.00	0.00	0.00
0.00	0.00	0.00

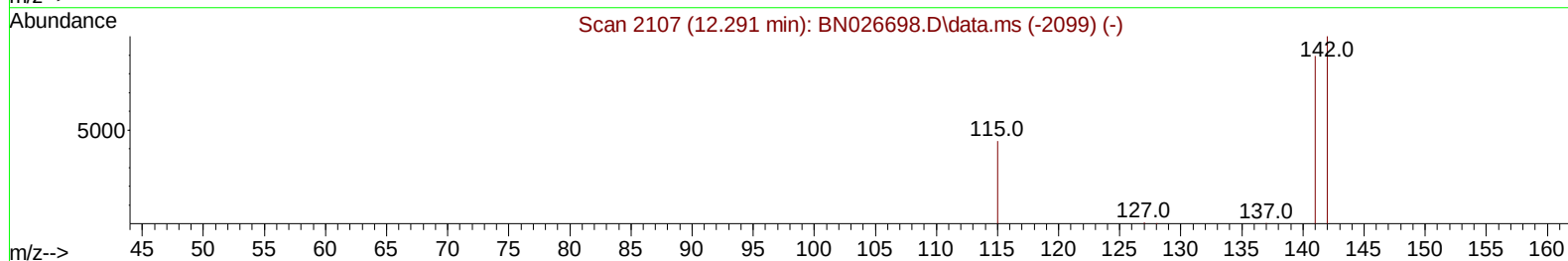
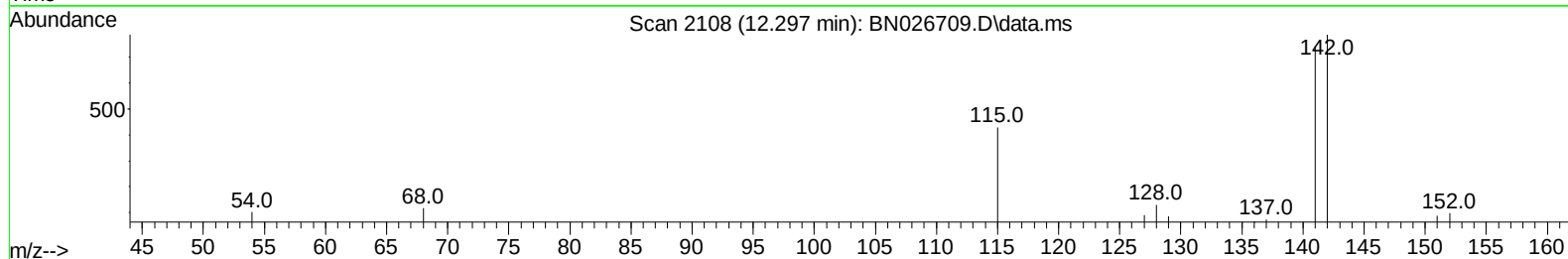
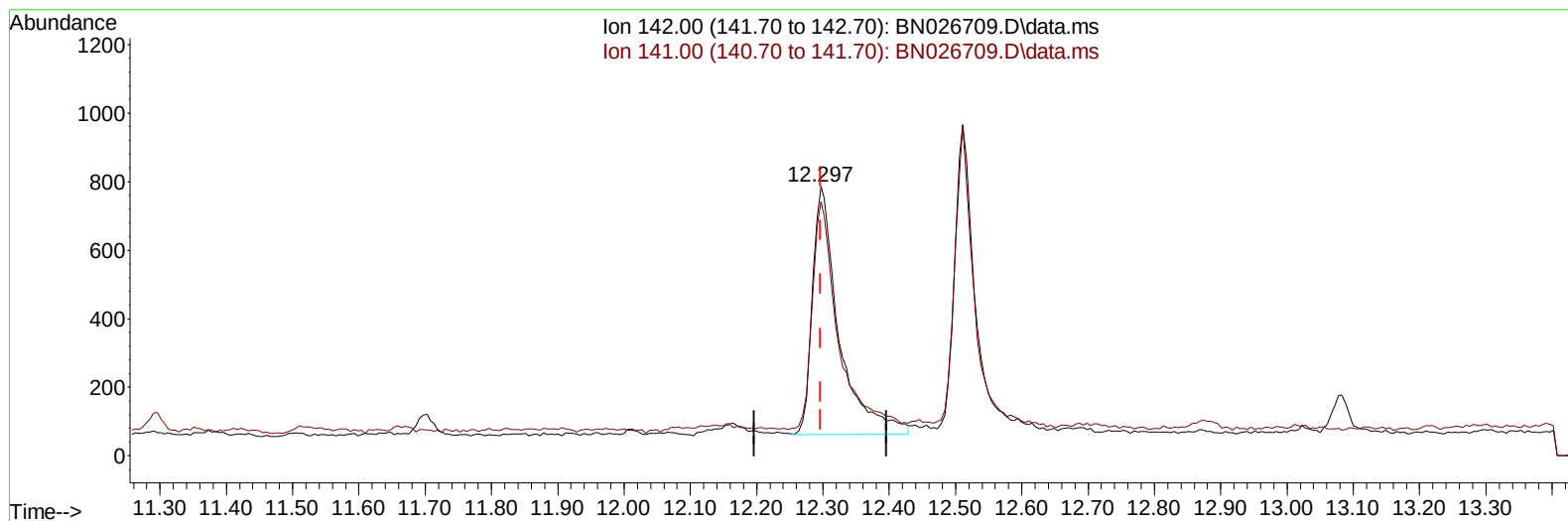
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 Data File : BN026709.D
 Acq On : 24 Jul 2023 11:53
 Operator : MA/JU
 Sample : 03504-13DL 5X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46S8DL

Manual IntegrationsAPPROVED

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TIC: BN026709.D\data.ms

(7) 2-Methylnaphthalene

12.297min (-0.000) 0.09 ng/ul m

response 2016

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	90.40	84.67
0.00	0.00	0.00
0.00	0.00	0.00

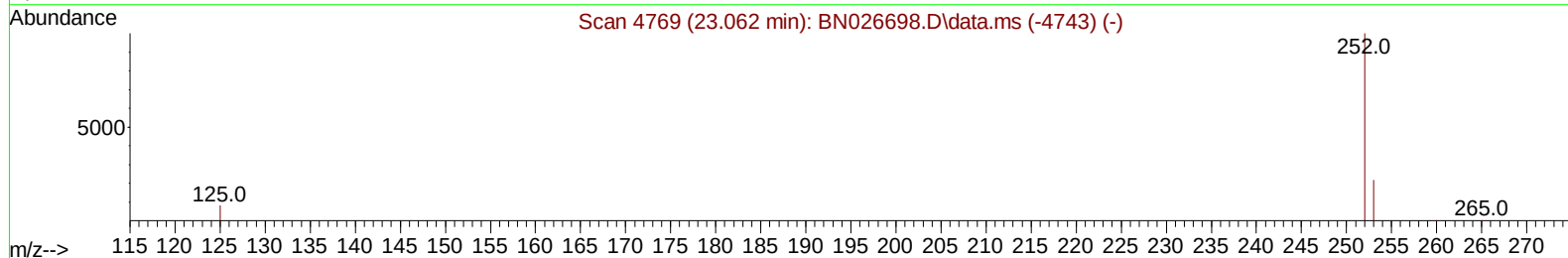
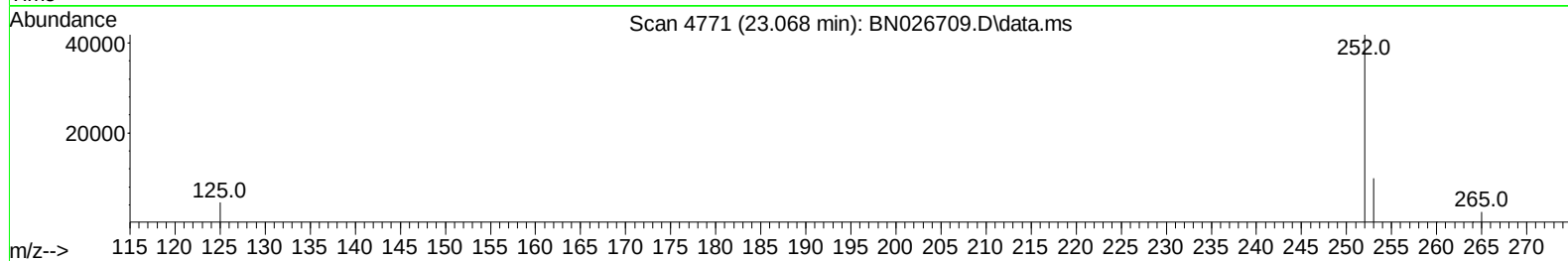
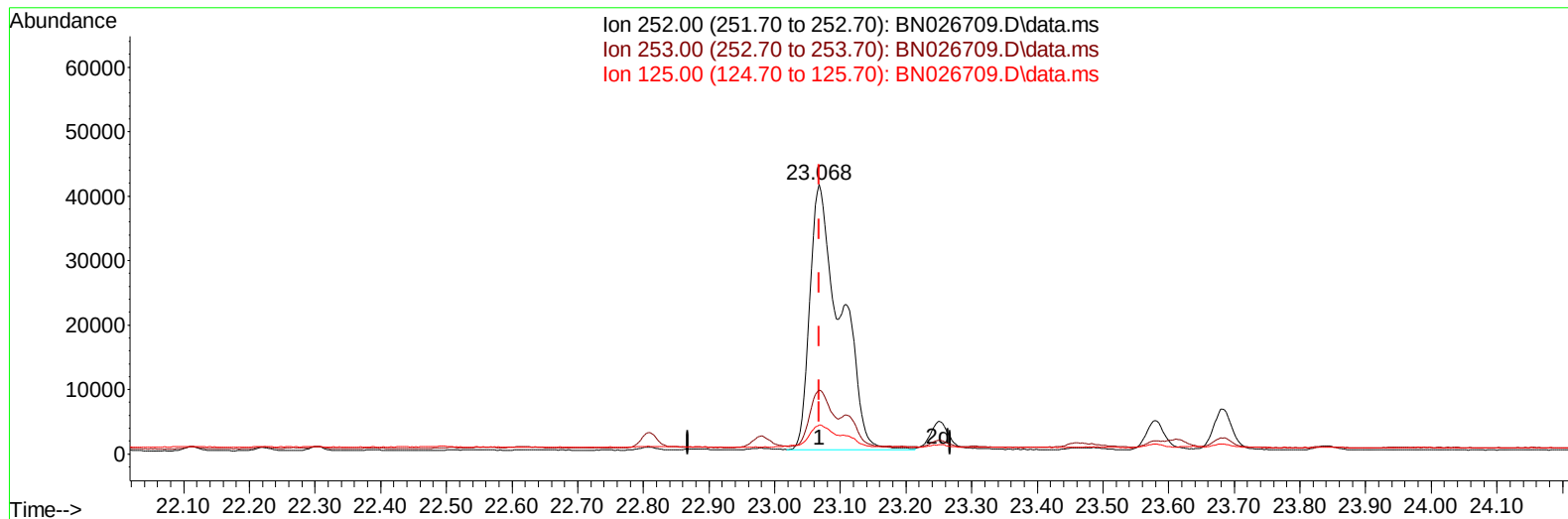
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 Data File : BN026709.D
 Acq On : 24 Jul 2023 11:53
 Operator : MA/JU
 Sample : 03504-13DL 5X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
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Manual IntegrationsAPPROVED

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TIC: BN026709.D\data.ms

(24) Benzo(b)fluoranthene

23.068min (0.000) 2.73 ng/u1

response 133315

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.30	23.74
125.00	17.00	10.80
0.00	0.00	0.00

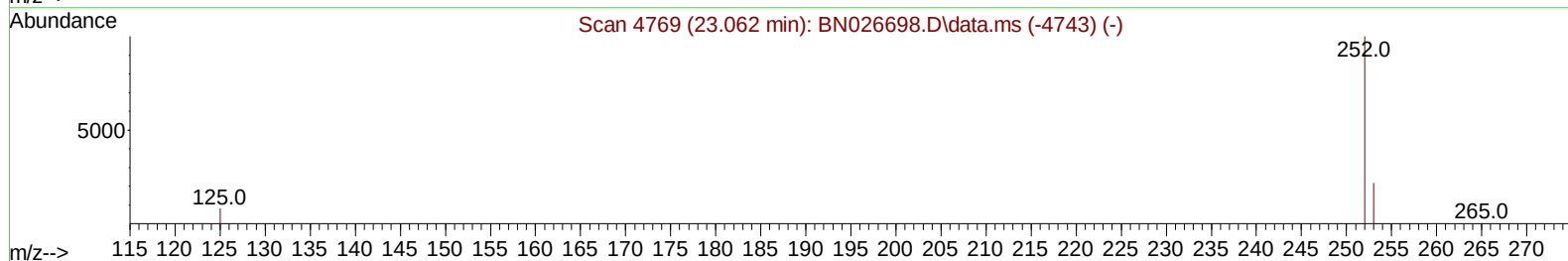
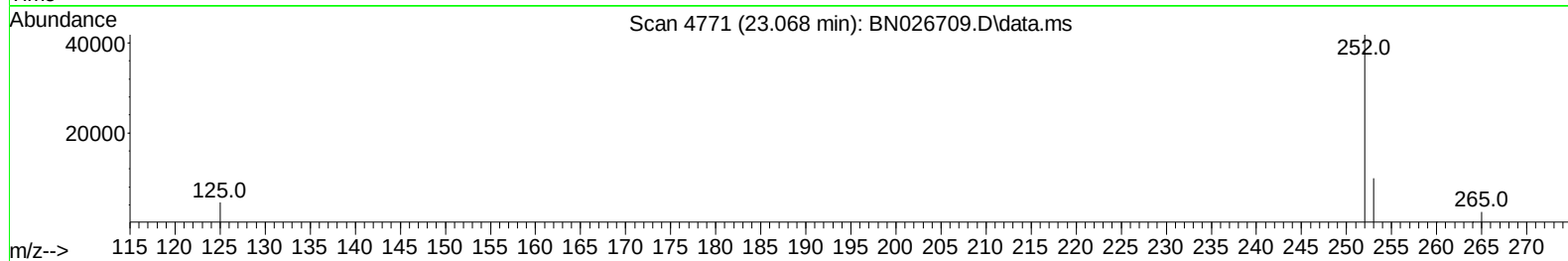
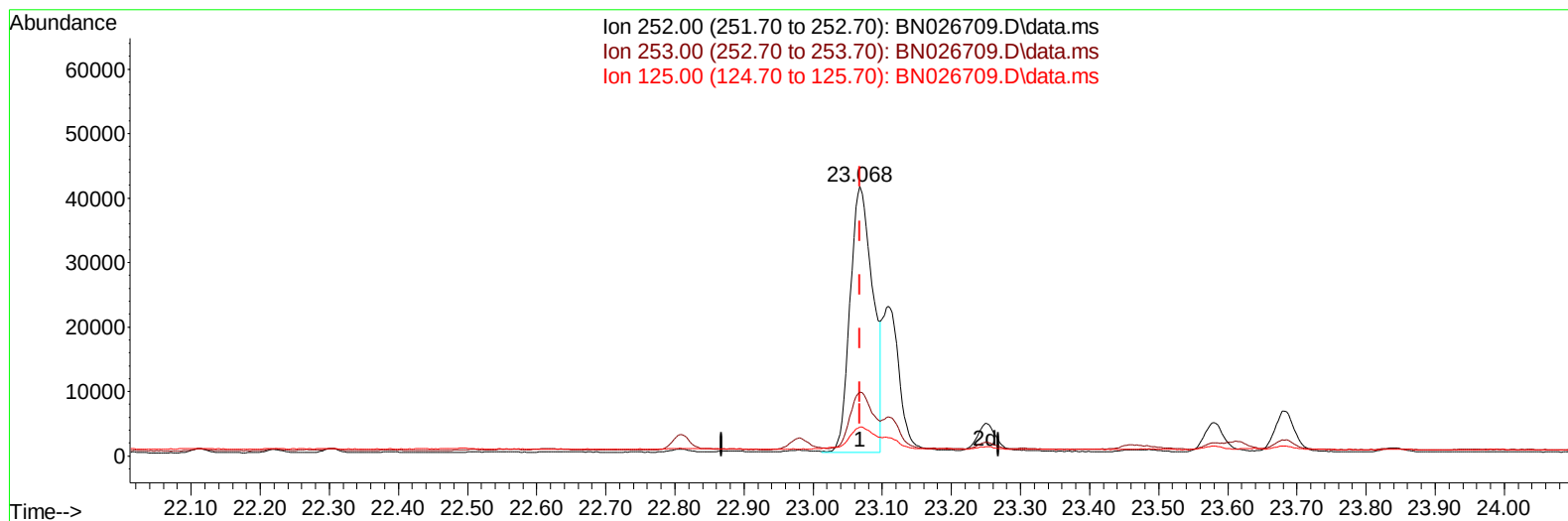
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 Operator : MA/JU
 Sample : 03504-13DL 5X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
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Manual IntegrationsAPPROVED

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TIC: BN026709.D\data.ms

(24) Benzo(b)fluoranthene

23.068min (0.000) 1.94 ng/ul m

response 94917

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.30	23.74
125.00	17.00	10.80
0.00	0.00	0.00

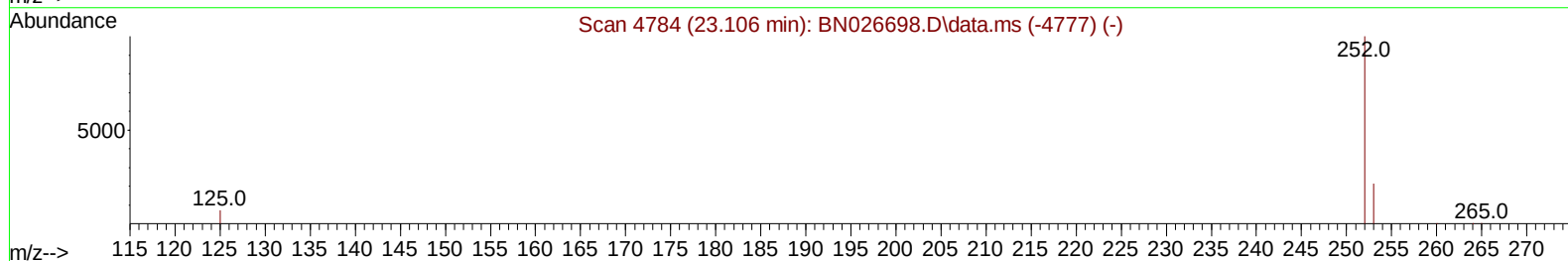
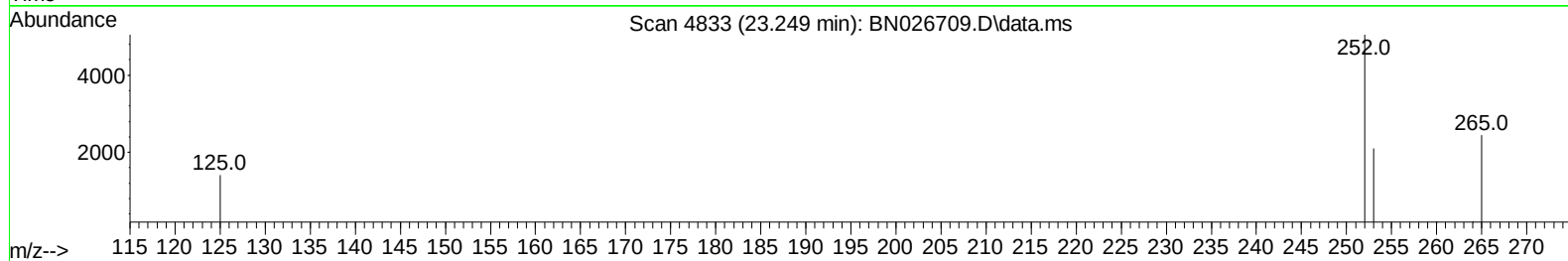
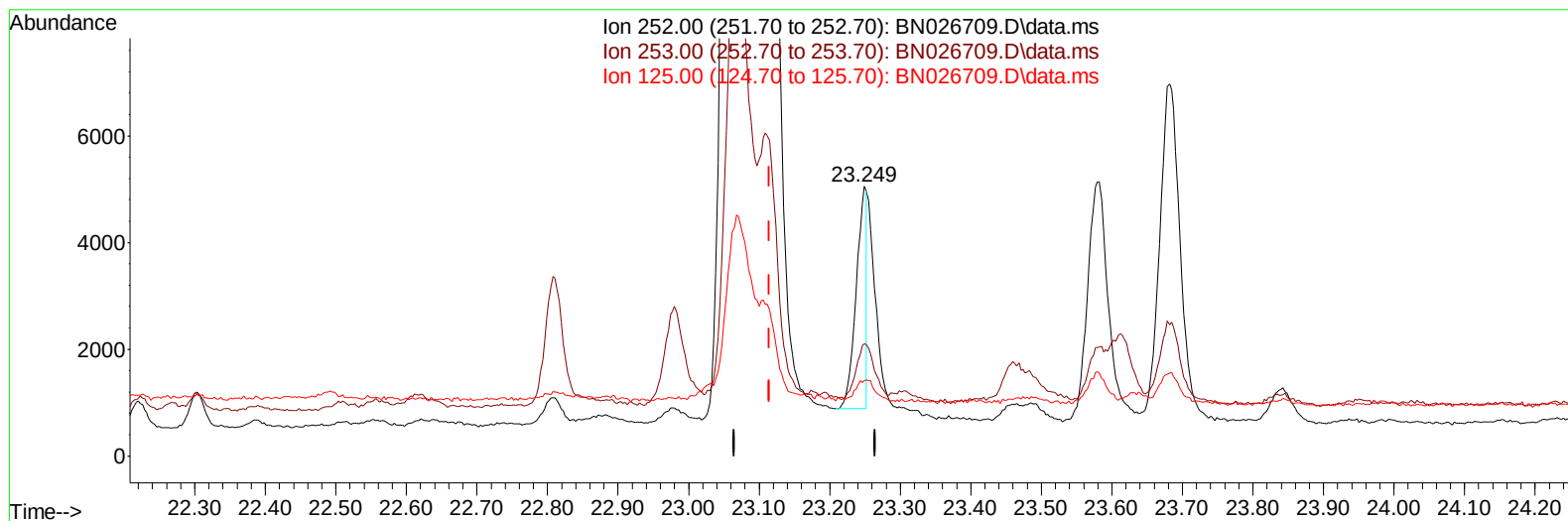
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Operator : MA/JU
Sample : 03504-13DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A46S8DL

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TIC: BN026709.D\data.ms

(25) Benzo(k)fluoranthene

23.249min (+ 0.134) 0.08 ng/u1

response 4333

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	41.70#
125.00	16.80	27.96#
0.00	0.00	0.00

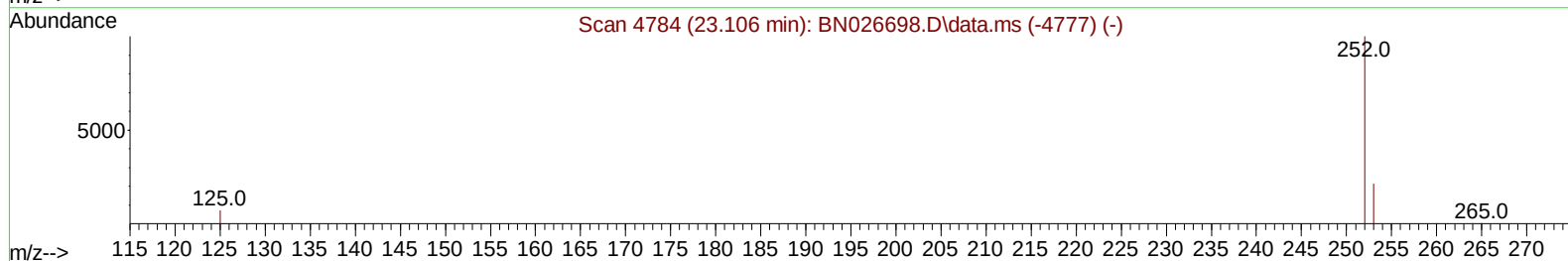
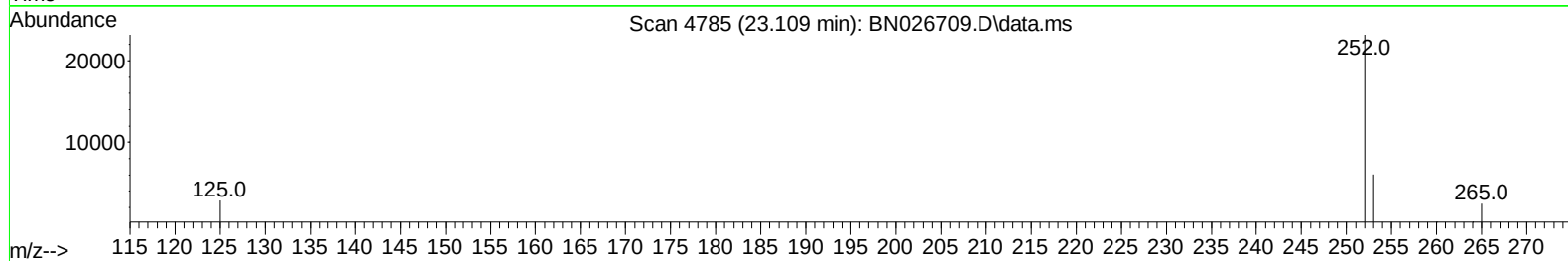
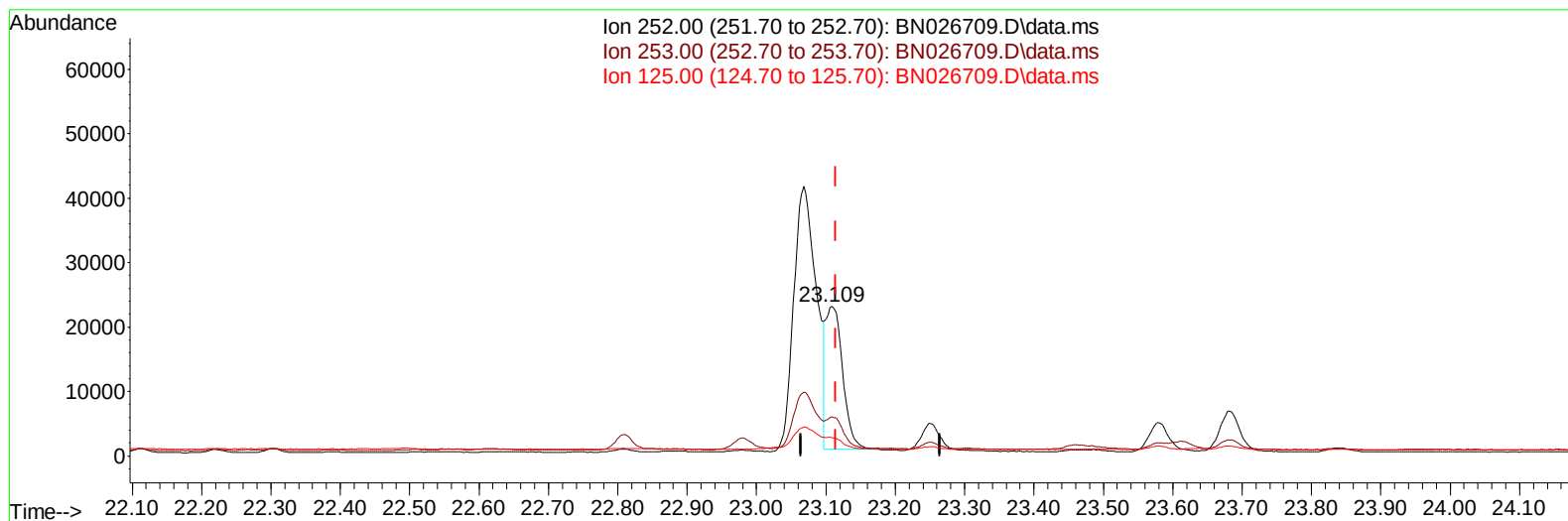
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 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
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TIC: BN026709.D\data.ms

(25) Benzo(k)fluoranthene

23.109min (-0.006) 0.72 ng/ul m

response 36906

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	26.13#
125.00	16.80	12.22#
0.00	0.00	0.00

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 Operator : MA/JU
 Sample : 03504-13DL 5X
 Misc :
 ALS Vial : 44 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	7.823	152	4640	0.400	ng/ul	0.00
4) Naphthalene-d8	10.625	136	14043	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.462	164	9544	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.211	188	19900	0.400	ng/ul	0.00
17) Chrysene-d12	21.414	240	10634	0.400	ng/ul	# 0.00
23) Perylene-d12	23.790	264	12538	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	1376	0.225	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.225	152	1028m	0.054	ng/ul	0.00
18) Fluoranthene-d10	19.241	212	1934	0.052	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.674	128	3653	0.095	ng/ul#	94
7) 2-Methylnaphthalene	12.297	142	2016m	0.092	ng/ul	
8) 1-Methylnaphthalene	12.511	142	1838	0.078	ng/ul	98
10) Acenaphthylene	14.185	152	7252	0.155	ng/ul	98
11) Acenaphthene	14.527	153	8819	0.248	ng/ul	99
12) Fluorene	15.517	166	10074	0.270	ng/ul	98
15) Phenanthrene	17.253	178	203444	3.210	ng/ul	97
16) Anthracene	17.346	178	29232	0.532	ng/ul	97
19) Fluoranthene	19.274	202	287797	5.774	ng/ul	99
20) Pyrene	19.636	202	128513	2.374	ng/ul#	96
21) Benzo(a)anthracene	21.396	228	78593	2.011	ng/ul	99
22) Chrysene	21.449	228	81065	1.822	ng/ul	99
24) Benzo(b)fluoranthene	23.068	252	94917m	1.943	ng/ul	
25) Benzo(k)fluoranthene	23.109	252	36906m	0.721	ng/ul	
26) Benzo(a)pyrene	23.682	252	12783	0.294	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.237	276	21748	0.382	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.248	278	11540	0.264	ng/ul	96

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

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