

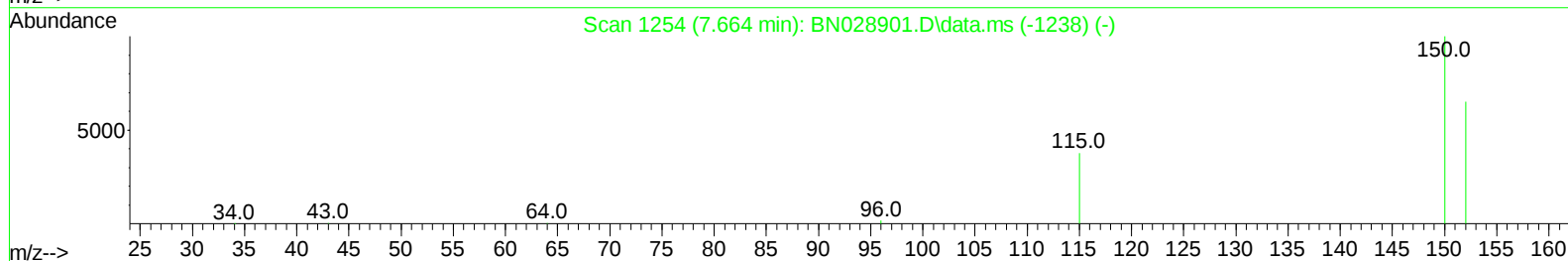
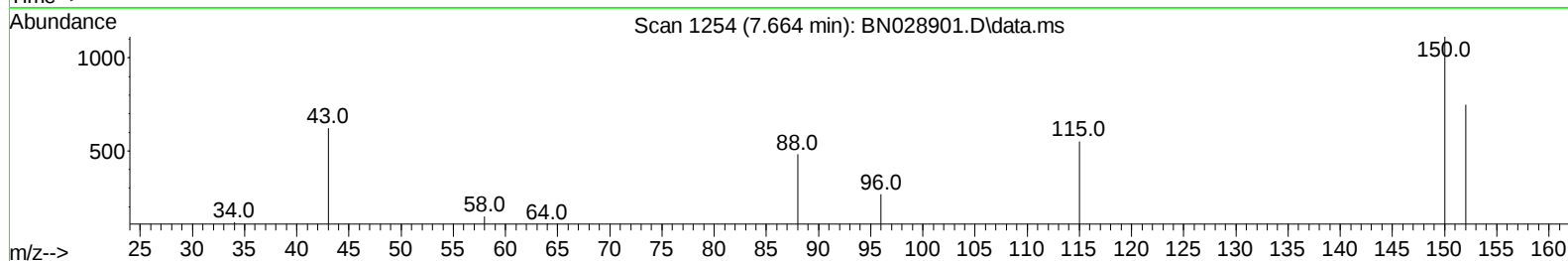
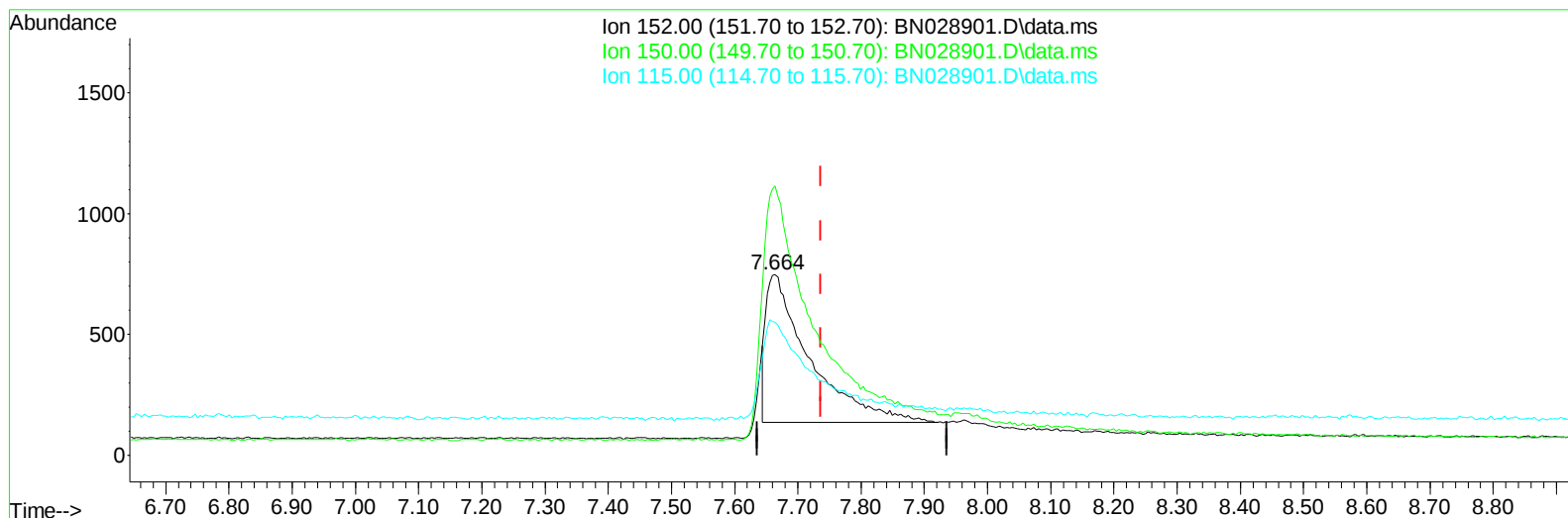
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112823\
Data File : BN028901.D
Acq On : 28 Nov 2023 13:03
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Nov 28 14:22:16 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 : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



TIC: BN028901.D\data.ms

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

7.664min (-0.072) 0.40 ng/u1

response 2945

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	148.73
115.00	62.20	73.70
0.00	0.00	0.00

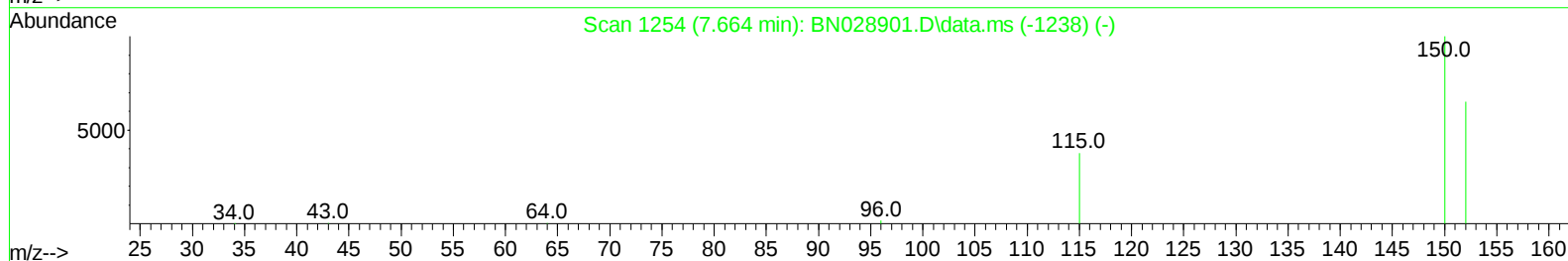
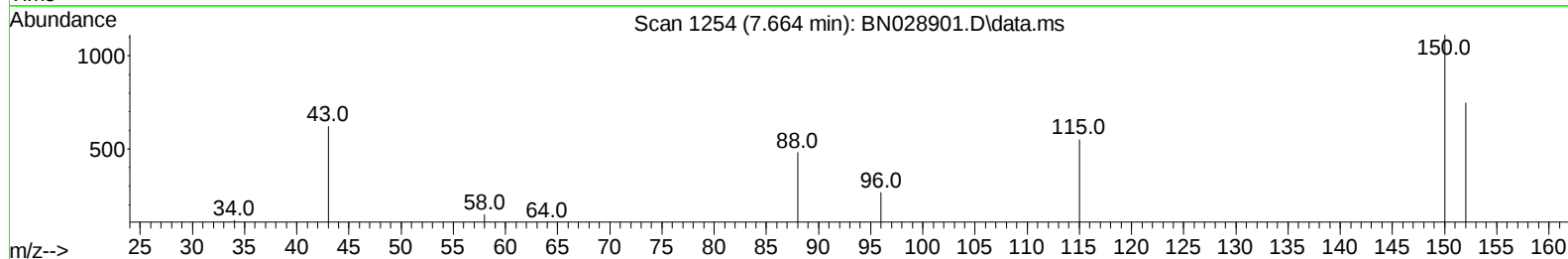
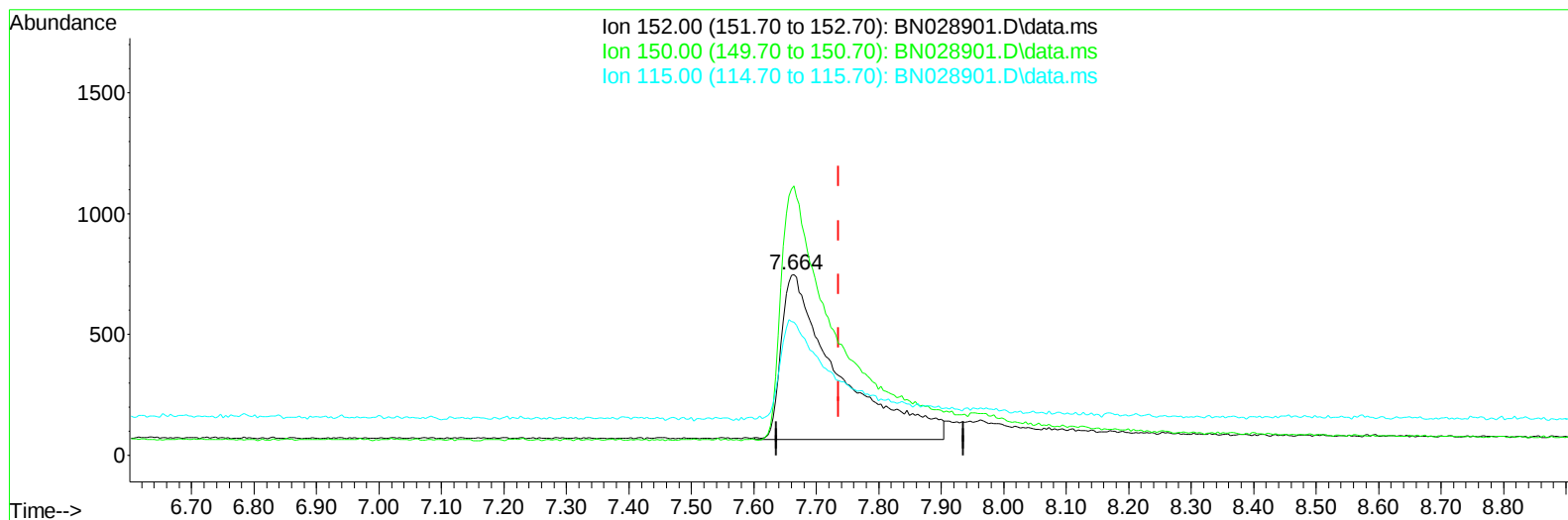
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TIC: BN028901.D\data.ms

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

7.664min (-0.072) 0.40 ng/ul m

response 4285

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	148.73
115.00	62.20	73.70
0.00	0.00	0.00

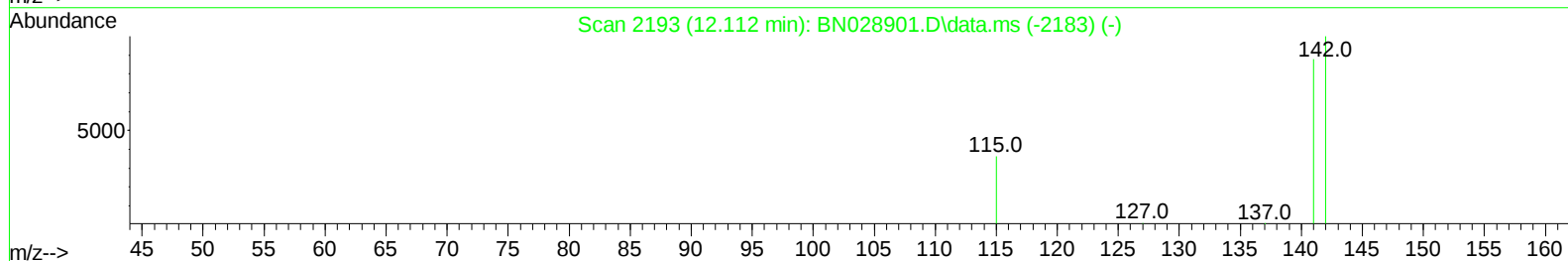
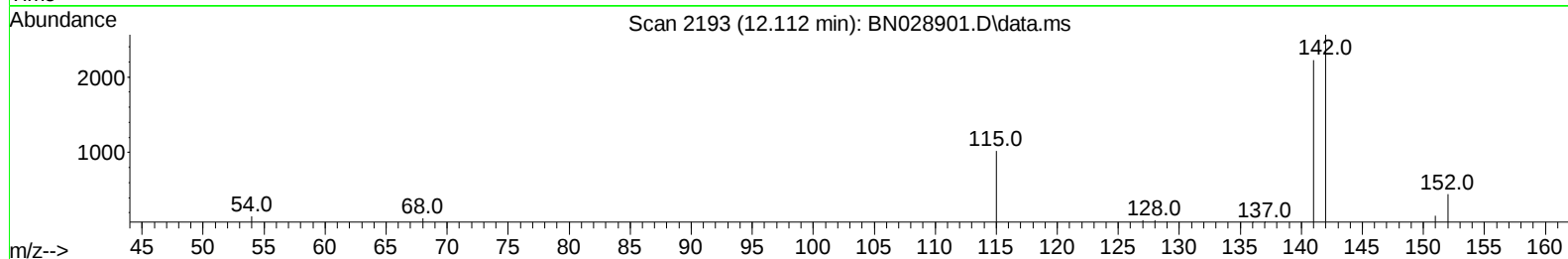
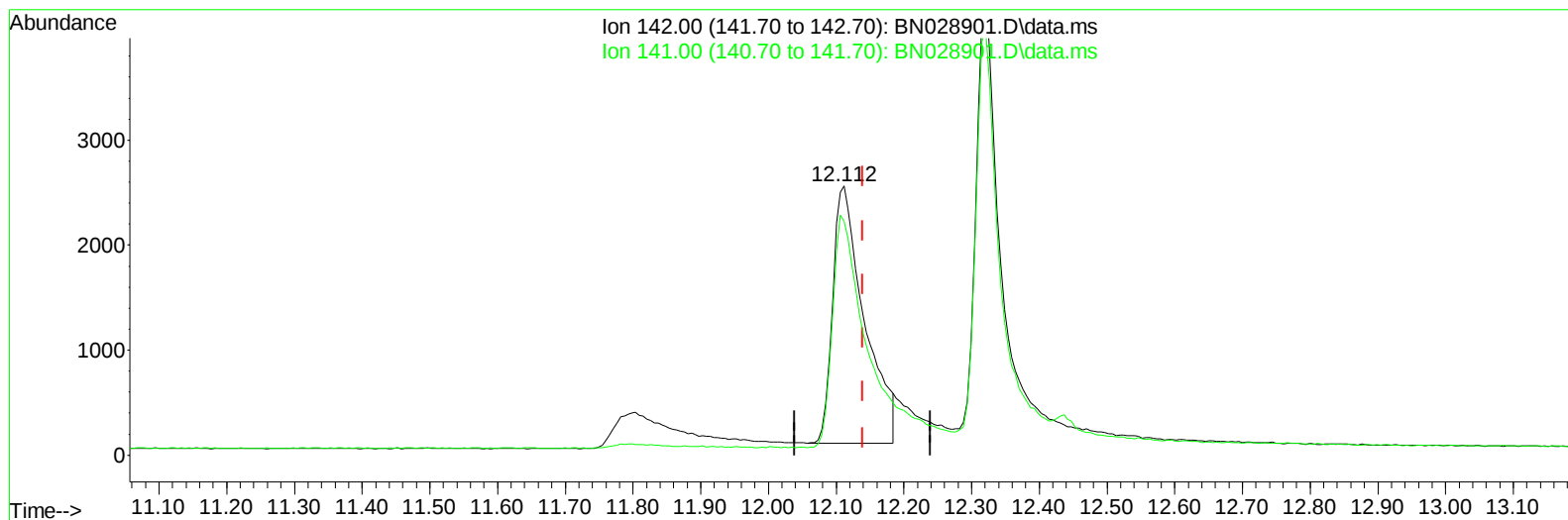
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(7) 2-Methylnaphthalene

12.112min (-0.028) 0.30 ng/u1

response 7918

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	88.50	90.96
0.00	0.00	0.00
0.00	0.00	0.00

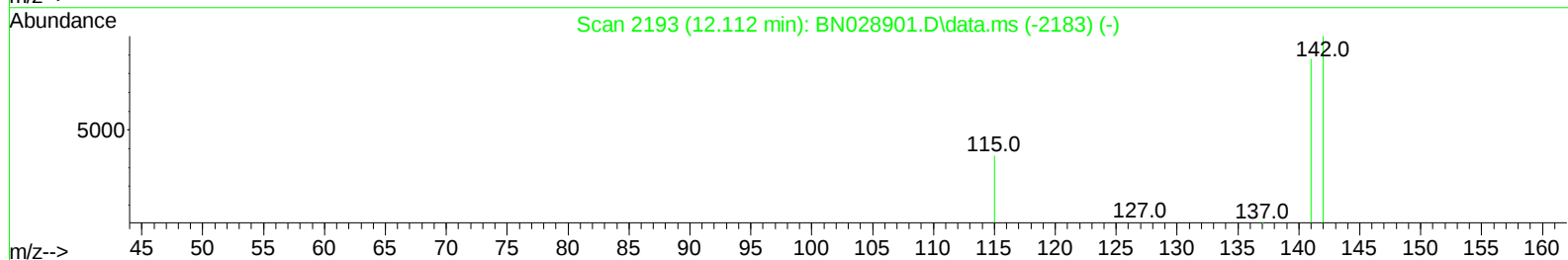
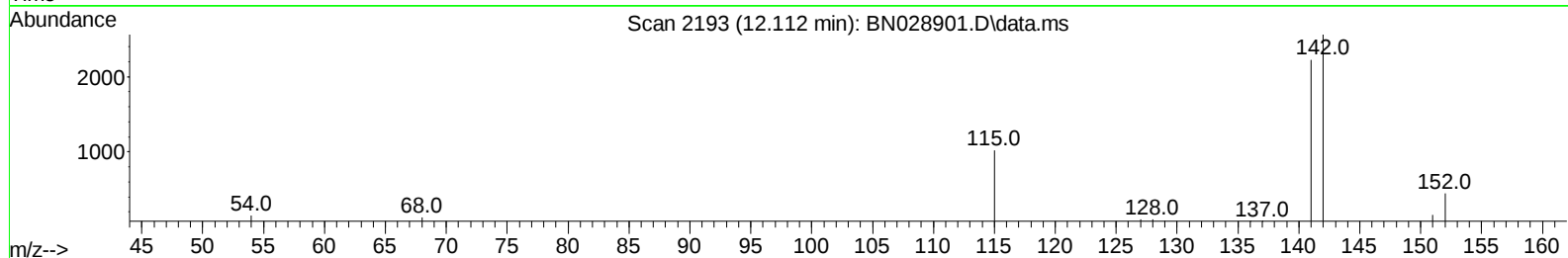
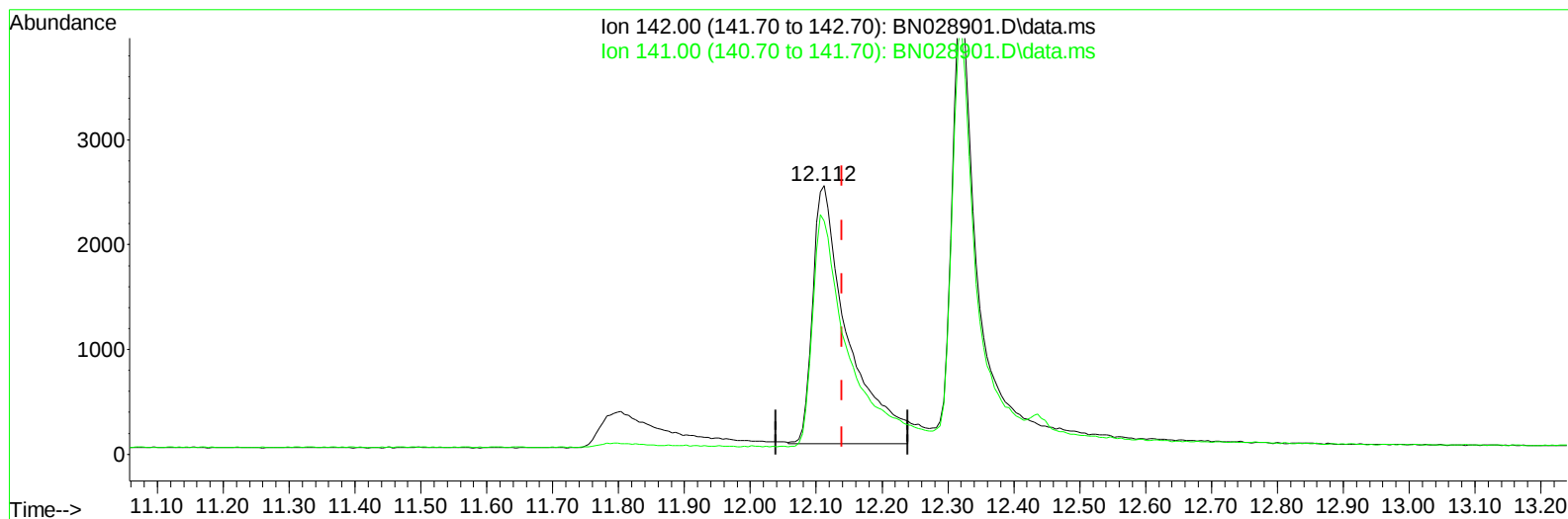
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TIC: BN028901.D\data.ms

(7) 2-Methylnaphthalene

12.112min (-0.028) 0.34 ng/ul m

response 9055

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	88.50	79.54
0.00	0.00	0.00
0.00	0.00	0.00

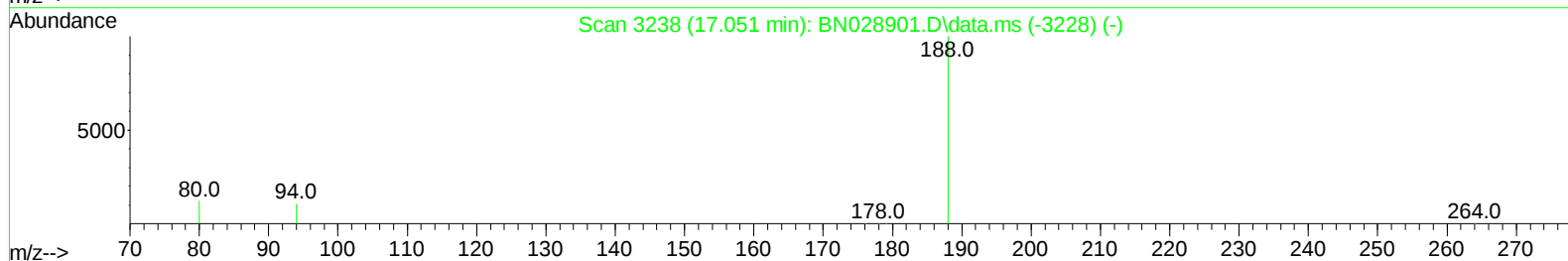
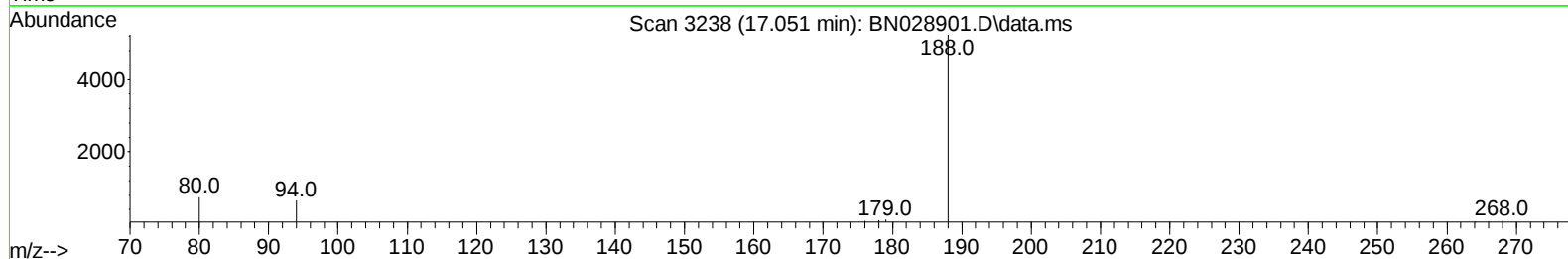
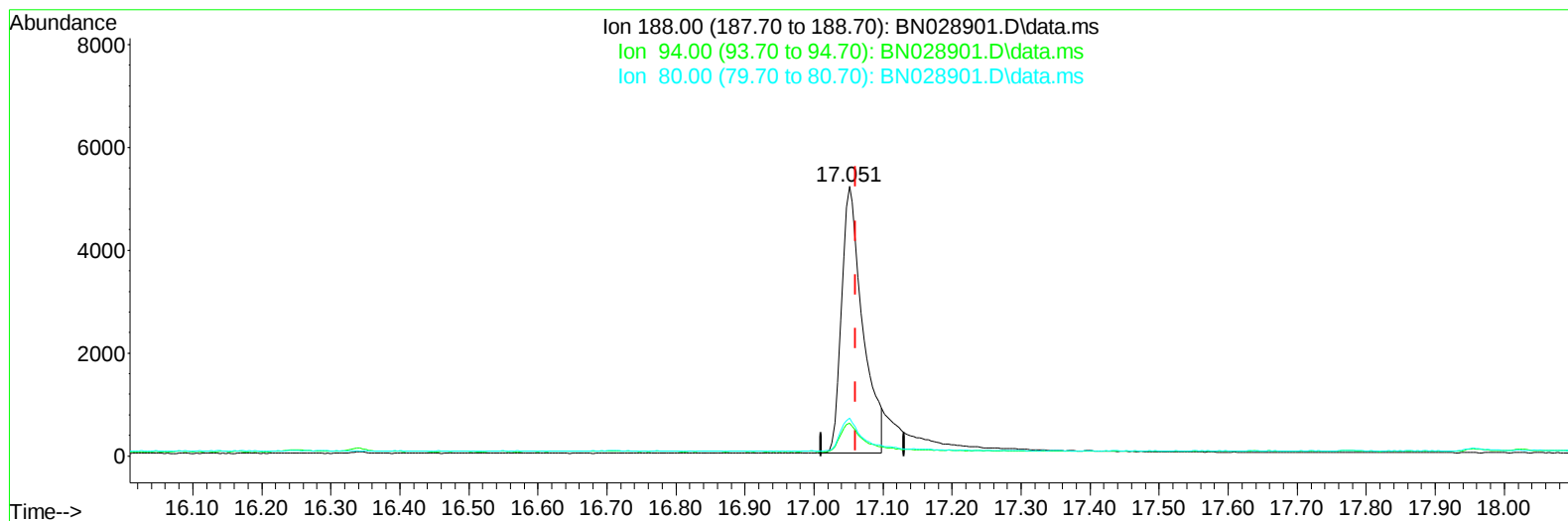
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TIC: BN028901.D\data.ms

(13) Phenanthrene-d10 (I)

17.051min (-0.009) 0.40 ng/u1

response 11060

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	12.25#
80.00	10.90	13.97#
0.00	0.00	0.00

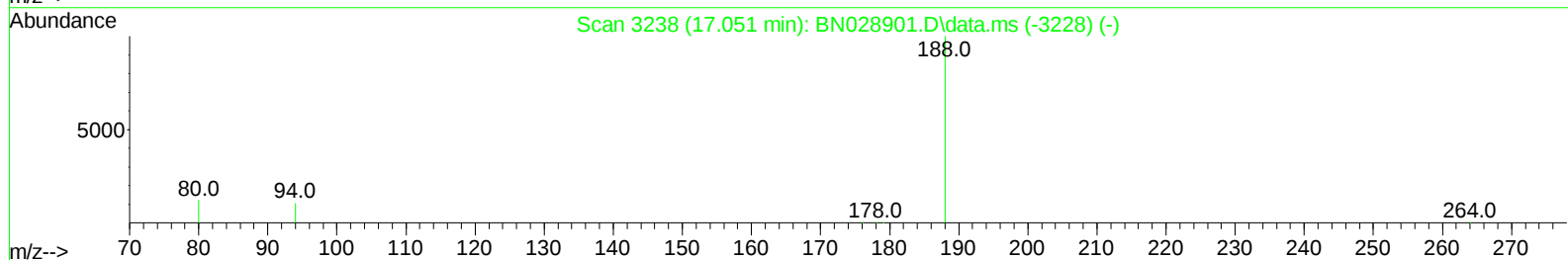
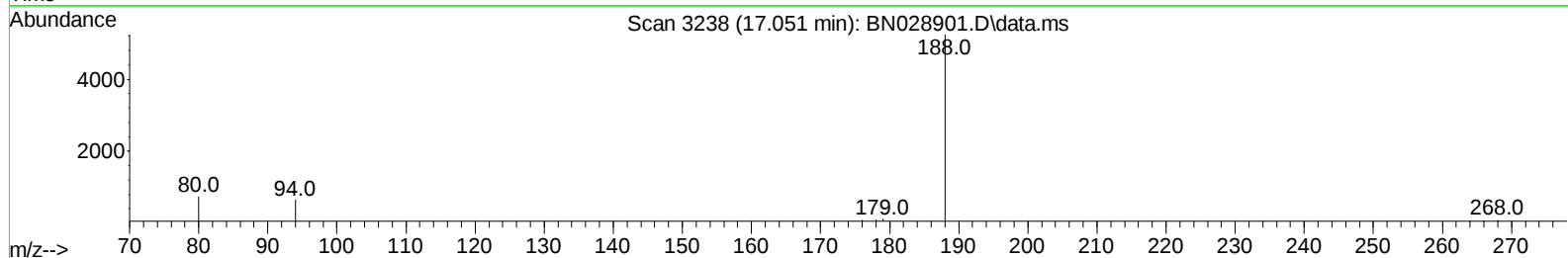
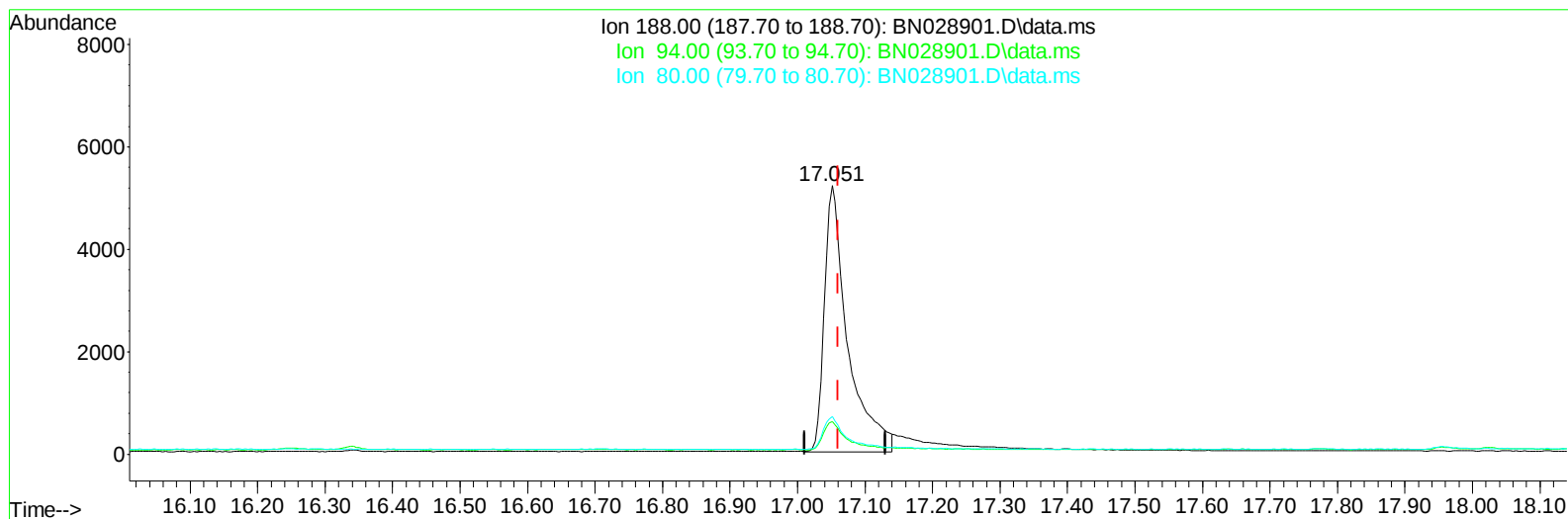
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTDCCC0.4

Manual IntegrationsAPPROVED

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TIC: BN028901.D\data.ms

(13) Phenanthrene-d10 (I)

17.051min (-0.009) 0.40 ng/ul m

response 12410

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	12.25#
80.00	10.90	13.97#
0.00	0.00	0.00

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 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 LabSampleId :
 SSTDCCC0.4

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	4285m	0.40	ng/ul	-0.07
4) Naphthalene-d8	10.435	136	14272	0.40	ng/ul	#-0.03
9) Acenaphthene-d10	14.288	164	7366	0.40	ng/ul	-0.01
13) Phenanthrene-d10	17.051	188	12410m	0.40	ng/ul	0.00
17) Chrysene-d12	21.266	240	9324	0.40	ng/ul	# 0.00
23) Perylene-d12	23.537	264	10079	0.40	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	2650	0.56	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.035	152	6683	0.31	ng/ul	-0.04
18) Fluoranthene-d10	19.084	212	13000	0.43	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.133	88	2575	0.49	ng/ul#	78
5) Naphthalene	10.479	128	16129	0.40	ng/ul	98
7) 2-Methylnaphthalene	12.112	142	9055m	0.34	ng/ul	
8) 1-Methylnaphthalene	12.321	142	9483	0.35	ng/ul	99
10) Acenaphthylene	14.010	152	14866	0.40	ng/ul	99
11) Acenaphthene	14.348	153	11569	0.43	ng/ul	98
12) Fluorene	15.352	166	10814	0.34	ng/ul	99
14) Pentachlorophenol	16.709	266	1211	0.41	ng/ul	97
15) Phenanthrene	17.089	178	14728	0.39	ng/ul	97
16) Anthracene	17.191	178	11473	0.33	ng/ul	97
19) Fluoranthene	19.117	202	17127	0.43	ng/ul	98
20) Pyrene	19.479	202	18499	0.45	ng/ul#	94
21) Benzo(a)anthracene	21.251	228	13018	0.35	ng/ul	98
22) Chrysene	21.301	228	15034	0.42	ng/ul	98
24) Benzo(b)fluoranthene	22.853	252	14065	0.37	ng/ul	85
25) Benzo(k)fluoranthene	22.900	252	17114	0.43	ng/ul#	88
26) Benzo(a)pyrene	23.440	252	14952	0.42	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.870	276	19044	0.48	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.893	278	15068	0.48	ng/ul	95
29) Benzo(g,h,i)perylene	26.574	276	16625	0.51	ng/ul	97

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

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