

Supplementary Table S3. Semiquantitative results of volatile components in the pyrolysis gas of reconstituted tobacco sheets for heated tobacco products with different Na salt additions at 300 °C.

Retention time/min	Compounds	Peak area/($\times 10^7$)					
		KB	N1	N2	N3	N4	N5
3.43	Acetic acid	39.62	235.90	310.35	422.14	420.30	425.39
3.57	1-Hydroxy-2-propanone	13.89	30.47	15.90	16.25	13.42	15.41
4.07	Acetoin	—	5.94	7.12	6.80	5.57	6.06
4.60	1-Methyl-1 <i>H</i> -pyrrole	1.42	1.23	0.78	1.15	1.09	0.80
4.81	Pyridine	—	6.71	3.01	6.50	5.40	4.91
6.83	2-Cyclopenten-1-one	11.84	9.30	3.80	5.19	3.48	4.37
7.55	2-Furanmethanol	22.77	49.29	23.51	28.80	20.38	23.06
8.24	4-Cyclopentene-1,3-dione	13.77	11.31	5.46	4.61	3.48	3.18
9.21	Butyrolactone	—	5.27	5.19	6.34	9.35	10.34
9.64	1,2-Cyclopentanedione	—	5.04	3.12	3.34	2.59	2.88
10.54	5-Methyl-2-furanmethanol	—	1.68	1.37	0.92	0.70	0.80
10.78	5-Methyl-2-furancarboxaldehyde	7.33	3.02	1.37	2.07	1.39	1.80
10.90	1-Acetoxy-2-butanone	0.39	0.67	0.29	0.46	0.30	0.50
11.46	Phenol	—	—	0.39	0.46	0.70	1.99
12.83	3-Methyl-1,2-cyclopentanedione	—	2.240	2.05	3.57	2.59	3.58
14.75	2-Methoxyphenol	—	3.14	1.66	1.84	1.69	11.23
16.09	Monoacetin	—	97.23	112.36	150.12	159.93	196.04
16.81	2,3-Dihydro-3,5-dihydroxy-6-methyl-4 <i>H</i> -pyran-4-one	—	9.97	2.44	1.15	0.80	0.50
17.65	Glycerin	523.85	378.27	301.38	276.63	237.73	236.90
18.54	Catechol	0.257	2.02	1.37	1.96	1.49	2.09
20.18	3-Methyl-1,2-benzenediol	—	1.57	—	2.54	1.99	—
21.39	2-Methoxy-4-vinylphenol	—	1.12	0.49	0.92	0.40	0.60
22.41	Nicotine	628.82	180.12	117.04	127.89	101.51	71.68
24.37	Myosmine	1.54	1.68	1.17	1.27	1.09	1.19
27.05	2,3'-Dipyridyl	3.22	3.58	2.44	3.11	2.29	2.68
27.70	Megastigmatrienone	2.44	7.73	8.88	13.71	10.84	12.73
28.59	1,2,3,4-Tetrahydrocyclopenta[b]indole	—	0.56	0.29	0.46	0.30	0.30
32.20	Tetradecanoic acid	1.29	0.90	—	—	—	0.40