Table S1 Relative odor activity value of bamboo shoots and soaking solution

Classification	Compounds	RT	CAS	Threshold value	ROAV							
					BS1	BS2	BS3	BS4	BS5	BSJ3	BSJ4	BSJ5
Esters	Benzoic acid, ethyl ester	12.582	93-89-0	0.056	ND	ND	ND	0.08	ND	ND	ND	ND
	Methyl salicylate	14.165	119-36-8	0.040	2.76	18.58	3.54	40.26	0.29	ND	ND	ND
	2-hydroxy-Benzoic acid, ethyl ester	14.626	118-61-6	0.084	0.11	ND	ND	ND	ND	ND	ND	ND
	Acetic acid, 2-phenylethyl ester	14.668	103-45-7	0.249	ND	0.03	0.18	1.16	0.002	0.04	ND	ND
	2-hydroxy-Benzoic acid, pentyl ester	18.257	2050-08-0	0.001	1.18	37.39	5.89	100.00	0.42	ND	ND	ND
	Hexadecanoic acid, ethyl ester	22.022	628-97-7	2.00	0.002	ND	ND	ND	ND	ND	ND	ND
	Methyl jasmonate	24.200	1211-29-6	0.07	0.06	ND	ND	ND	ND	ND	ND	ND
	2-hydroxy-Benzoic acid, phenylmethyl ester	33.479	118-58-1	0.16	0.02	0.77	0.18	1.67	0.05	ND	ND	ND

Alcohols	3-methyl-1-Butanol	6.348	123-51-3	0.004		59.95		26.45	0.00	ND	ND	ND
	1-Pentanol	6.349	71-41-0	0.150	ND	ND	ND	0.518	ND	ND	ND	ND
	1-Hexanol	8.365	111-27-3	0.006	5.50	17.03	0.77	ND	0.37	ND	ND	ND
	3-Octanol	8.882	589-98-0	0.400	ND	ND	0.007	ND	ND	ND	ND	ND
	1-Octen-3-ol	9.652	3391-86-4	0.002	4.30	76.32	5.64	ND	1.77	ND	ND	ND
	2-ethyl-1-Hexanol	10.163	104-76-7	0.04	ND	ND	ND	ND	0.03	ND	ND	ND
	Cycloheptanol	10.459	502-41-0	4.80	ND	0.004	ND	ND	ND	ND	ND	ND
	2-Nonanol	10.524	628-99-9	0.06	ND	ND	ND	0.46	ND	ND	ND	ND
	1-Octanol	11.013	111-87-5	0.13	0.02	0.27	ND	0.30	ND	ND	ND	ND
	(E)-2-Octen-1-ol	11.752	18409-17-1	0.02	ND	ND	0.14	ND	ND	ND	ND	ND
	Cyclooctyl alcohol	11.762	696-71-9	10.00	ND	0.004	ND	ND	ND	ND	ND	ND
	1-Decanol	13.708	112-30-1	0.78	ND	0.01	0.001	0.02	ND	ND	ND	ND
	Benzyl alcohol	15.586	100-51-6	2.55	0.006	0.02	0.006	0.05	0.002	0.007	ND	0.003
	alpha-methyl-Benzenemethanol	16.111	98-85-1	0.48	0.003	ND	ND	ND	ND	0.034	0.02	ND

	1-Dodecanol	16.819	112-53-8	0.02	0.03	1.71	0.05	ND	ND	ND	ND	ND
	2,3-Butanediol	17.811	513-85-9	100.00	ND	ND	ND	ND	ND	0.004	ND	0.001
	[R-(R*,R*)]-2,3-Butanediol	18.594	24347-58-8	100.00	ND	ND	ND	ND	ND	0.004	0.004	ND
Acids	Lactic acid	17.821	50-21-5	9.00	ND	ND	ND	ND	ND	ND	0.01	0.07
	Propanoic acid	17.934	`79-09-4	2.19	ND	ND	ND	ND	ND	0.007	ND	0.005
	Octanoic acid	18.382	124-07-2	3.00	ND	0.003	ND	0.005	0.001	ND	ND	ND
	Butanoic acid	19.727	107-92-6	2.40	ND	ND	ND	ND	ND	ND	0.008	ND
	Nonanoic acid	20.218	112-05-0	4.60	0.003	0.009	ND	0.02	0.001	ND	ND	ND
	Hydrocinnamic acid	32.520	501-52-0	5.00	ND	ND	ND	ND	ND	0.004	ND	0.002
Aldehydes	Hexanal	4.437	66-25-1	0.005	3.08	ND	ND	ND	ND	ND	ND	ND
	Octanal	7.560	124-13-0	0.001	ND	ND	ND	ND	15.19	ND	ND	ND
	Nonanal	8.989	124-19-6	0.001	12.61	100.00	19.19	82.73	35.10	ND	ND	ND
	(E)-2-Octenal	9.507	2548-87-0	0.003	2.90	10.20	ND	ND	0.65	ND	ND	ND
	Acetic acid	9.781	64-19-7	0.01	ND	14.76	0.99	24.19	0.28	100.00	100.00	100.00
	Decanal	10.364	112-31-2	0.003	ND	21.35	2.97	21.94	1.71	ND	ND	ND

	(E)-2-Nonenal	10.804	18829-56-6	0.00	100.00	ND	100.00	ND	20.49	ND	ND	ND
	Benzaldehyde	10.806	100-52-7	0.75	0.02	0.07	0.012	0.22	0.008	0.009	ND	ND
	(E,E)-2,6-Nonadienal	11.487	17587-33-6	0.001	14.96	ND	ND	ND	ND	ND	ND	ND
	Benzene acetaldehyde	12.312	122-78-1	0.006	ND	ND	0.82	ND	0.54	8.69	ND	ND
	3-methyl-Benzaldehyde	12.079	620-23-5	0.60	ND	ND	ND	0.041	ND	ND	ND	ND
	(E,E)-2,4-Nonadienal	13.030	5910-87-2	0.00	36.24	ND	ND	ND	ND	ND	ND	ND
Ketones	2-Butanone	3.140	78-93-3	35.40	ND	ND	ND	ND	ND	ND	ND	0.001
	6-methyl-5-Hepten-2-one	8.238	110-93-0	0.07	ND	0.63	0.08	1.56	0.04	ND	ND	ND
	Acetophenone	12.420	98-86-2	0.07	0.019	ND	0.029	ND	ND	ND	ND	ND
	1-hydroxy-2-Propanone	12.492	116-09-6	10.00	ND	ND	ND	ND	ND	ND	ND	0.02
	(E)-6,10-dimethyl-5,9-Undecadien-2-one	15.161	3796-70-1	0.06	ND	0.67	0.09	1.12	0.06	ND	ND	ND
	Furaneol	25.906	3658-77-3	0.02	ND	ND	ND	ND	ND	ND	ND	2.26

	4-hydroxy-5-methyl-3(2H)-Furanone	26.983	19322-27-1	0.30	ND	ND	ND	ND	ND	ND	ND	0.08
Others	Dimethyl ether	3.959	115-10-6	303.00	ND	ND	ND	ND	ND	0.002	0.002	ND
	Acetoin	7.555	513-86-0	0.01	ND	30.75	ND	ND	ND	ND	53.29	0.34
	methyl-Pyrazine	11.131	109-08-0	0.02	ND	ND	ND	ND	ND	ND	ND	4.88
	2,3-dimethyl-Pyrazine	13.067	5910-89-4	0.80	ND	ND	ND	ND	ND	ND	ND	0.02
	Naphthalene	13.672	91-20-3	0.006	ND	9.55	1.24	11.14	0.89	ND	ND	ND
	trimethyl-Pyrazine	14.437	14667-55-1	0.35	ND	ND	ND	ND	ND	ND	ND	0.04
	p-Cresol	18.877	106-44-5	0.004	ND	2.23	ND	4.19	ND	ND	ND	ND
	Cedrol	19.361	83-32-9	0.08	ND	ND	ND	ND	0.004	ND	ND	ND
	2-Methoxy-4-vinylphenol	20.978	7786-61-0	0.01	ND	ND	0.54	ND	ND	ND	ND	ND
	Dibenzofuran	22.436	132-64-9	0.00	ND	ND	ND	ND	100.00	ND	ND	ND
	m-tert-butyl-Phenol	23.102	585-34-2	0.80	ND	0.04	ND	ND	ND	ND	ND	ND
	Fluorene	24.219	120-72-9	0.003	ND	ND	ND	ND	0.19	ND	ND	ND

	Maltol	25.017	118-71-8	1.24	ND	ND	ND	ND	ND	ND	ND	0.02
	4-ethyl-Phenol	27.665	123-07-9	0.01	ND	ND	ND	ND	ND	0.81	0.693	1.20
	2,4-Di-tert-butylphenol	29.132	96-76-4	0.50	ND	ND	ND	ND	ND	ND	0.068	0.04

ND represent not detected