

Table S3 LC-HR-ESI-MS/MS data of potato anthocyanins (P) detected in sourdough bread + purple potatoes (SB+P), baker's yeast bread + purple potatoes (YB+P), sourdough bread + purple potatoes + albedo (SB+PA) and baker's yeast bread + purple potatoes + albedo (YB+PA).

Peak*	Compound	t_R (min)	HR- [M+H] ⁺ (m/z)	Positive Product Ions (m/z)**	Error (ppm)
21	Malvidin 3- <i>O</i> -rutinoside-5- <i>O</i> -glucoside	2.0	801.2426	639.19, 493.13, 331.08	-2.62
22	Malvidin 3- <i>O</i> -caffeoyl-rutinoside-5- <i>O</i> -glucoside	2.8	963.2739	801.22, 493.13, 331.08	-2.60
23	Petunidin 3- <i>O</i> -caffeoyl-rutinoside-5- <i>O</i> -glucoside	2.9	949.2589	787.21, 479.11, 317.06	-2.00
24	Petunidin 3- <i>O</i> -feruloyl-rutinoside-5- <i>O</i> -glucoside	3.1	963.2731	801.22, 479.12, 317.06	-3.43
25	Petunidin 3- <i>O</i> - <i>p</i> -coumaroyl-rutinoside-5- <i>O</i> -glucoside	3.2	933.2643	771.21, 479.11, 317.06	-1.71
26	Malvidin 3- <i>O</i> - <i>p</i> -coumaroyl-rutinoside-5- <i>O</i> -glucoside	3.4	947.2794	785.23, 493.13, 331.08	-2.28
27	Malvidin 3- <i>O</i> -feruloyl-rutinoside-5- <i>O</i> -glucoside	3.5	977.2893	815.23, 493.13, 331.08	-2.86

*Peak numbers correspond with those in Figure 4. **The base ion peaks generated in the ESI-MS/MS experiments are shown in bold.