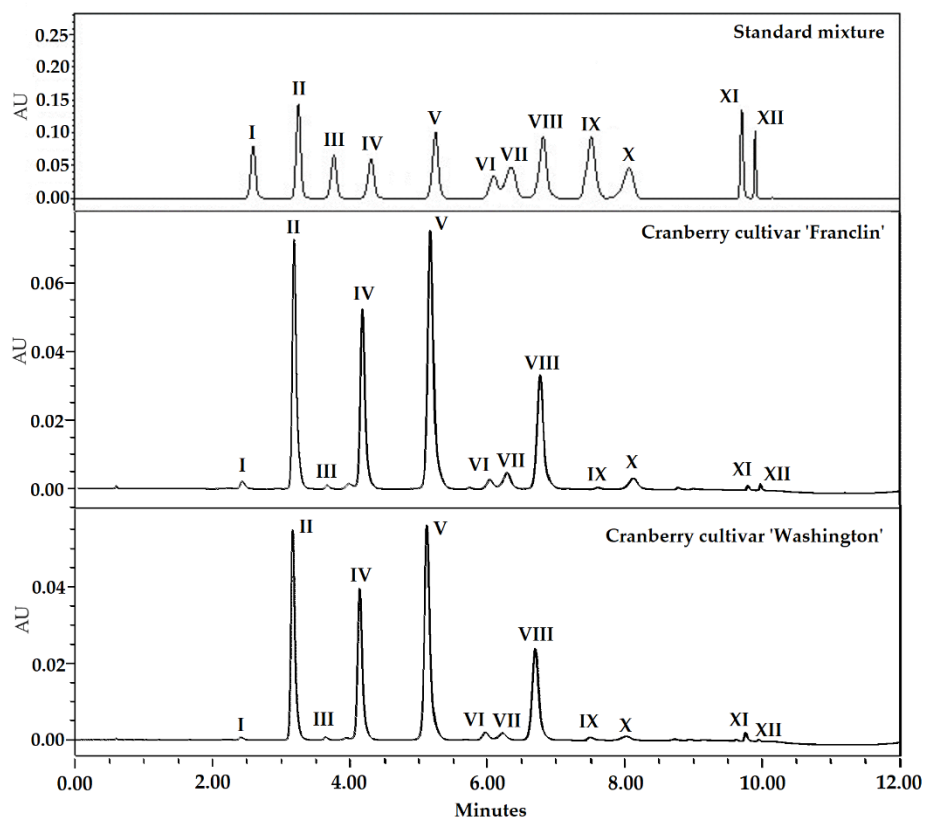
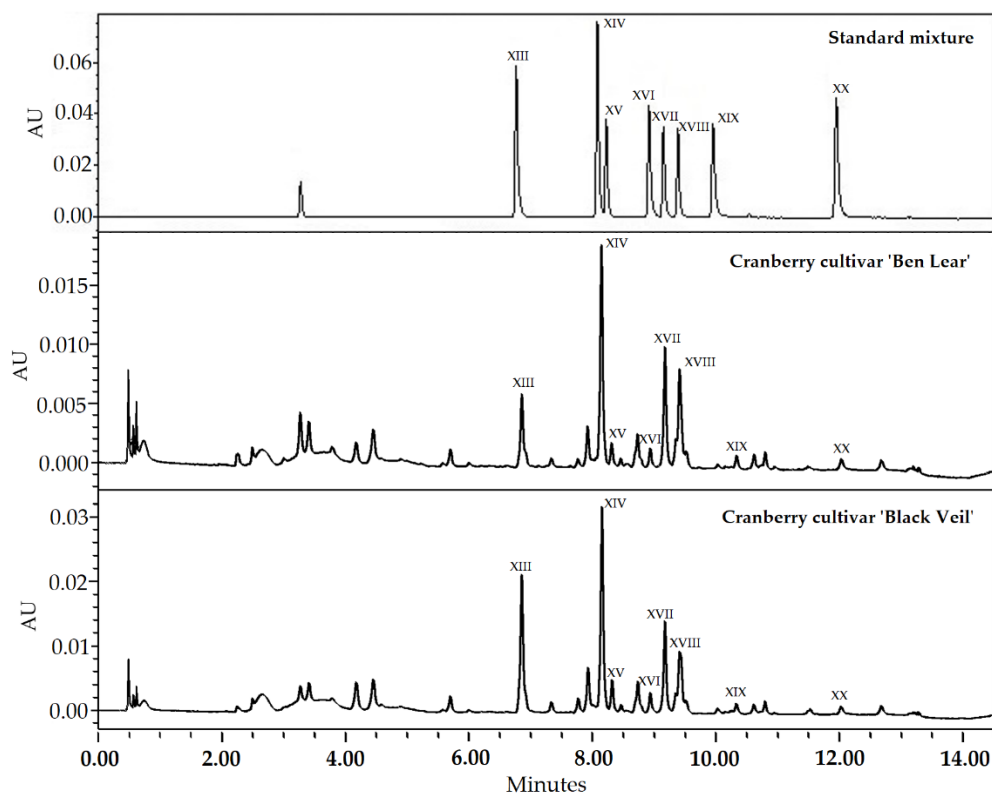


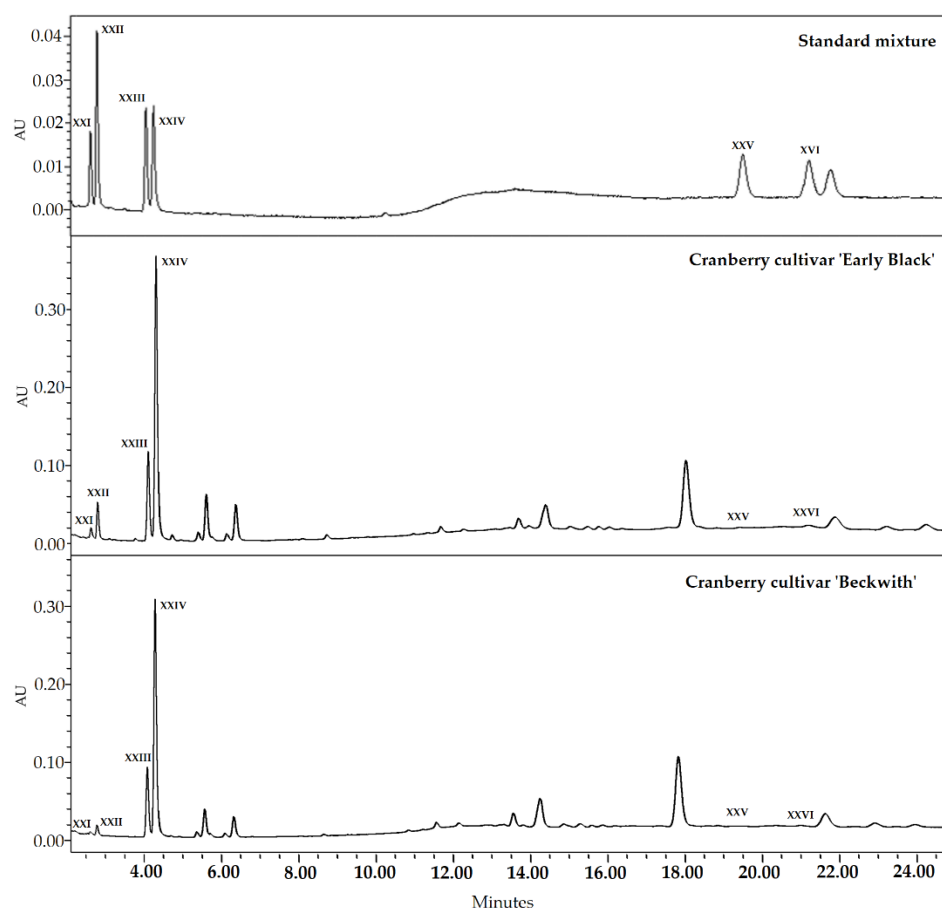
Supplementary material:



**Figure S1:** UHPLC-PDA chromatograms (λ = 520 nm) of the anthocyanin and anthocyanidin standards mixtures and large cranberry extracts of cultivars 'Franklin' and 'Washington'. The compounds of the identified peaks are described in Table S1.



**Figure S2:** UHPLC-PDA chromatograms (λ = 360 nm) of flavonol standards mixture and the large cranberry extracts of cultivars 'Ben Lear' and 'Black Veil'. The compounds of the identified peaks are described in Table S1.



**Figure S3:** UHPLC-PDA chromatograms ( $\lambda = 205.5$  nm) of the triterpenoid standards mixture and the large cranberry extracts of cultivars 'Early Black' and 'Beckwith'. The compounds of the identified peaks are described in Table S1.

**Table S1.** Parameters of the identified compounds

Peak	Compound	Linearity range ( $\mu\text{g/mL}$ )	Calibration equation	$R^2$	LOD	LOQ
I	Delphinidin-3-galactoside	3.91–125.00	$y = 4900x - 3480$	0.999	1.15	3.19
II	Cyanidin-3-galactoside	0.78–125.00	$y = 4940x - 2370$	0.999	0.16	0.53
III	Cyanidin-3-glucoside	3.13–100.00	$y = 4230x + 1610$	0.999	0.10	3.07
IV	Cyanidin-3-arabinoside	3.13–100.00	$y = 4800x + 2220$	0.999	0.93	3.11
V	Peonidin-3-galactoside	3.125–100	$y = 5320x + 8770$	0.999	0.35	2.53
VI	Peonidin-3-glucoside	0.98–125.00	$y = 3970x - 1430$	0.999	0.30	0.99
VII	Malvidin-3-galactoside	3.13–100.00	$y = 6890x + 3110$	0.999	1.00	3.09
VIII	Peonidin-3-arabinoside	3.125–100	$y = 5940x + 5320$	0.999	0.42	1.36
IX	Cyanidin	0.78–100.00	$y = 10400x - 1930$	0.999	0.07	0.24
X	Malvidin-3-arabinoside	0.78–125.00	$y = 5950x + 1590$	0.999	0.35	1.10
XI	Peonidin	1.56–100.00	$y = 7010x + 1020$	0.999	0.33	1.09
XII	Malvidin	3.13–100.00	$y = 1150x + 171$	0.999	0.59	1.96
XIII	Myricetin-3-galactoside	0.78–100	$y = 3450x - 396$	0.999	0.18	0.54
XIV	Quercetin-3-galactoside	3.13–200	$y = 4880x + 1180$	0.999	1.01	3.06
XV	Quercetin-3-glucoside	3.13–50	$y = 4160x - 61,7$	0.999	0.92	2.78
XVI	Quercetin-3- $\alpha$ -L-arabinopyranoside	3.13–50	$y = 5250x + 861$	0.999	0.70	2.12
XVII	Quercetin-3- $\alpha$ -L-arabinofuranoside	3.13–50	$y = 4170x - 199$	0.999	0.99	3.03
XVIII	Quercetin-3-rhamnoside	3.13–50	$y = 3690x + 797$	0.999	0.76	2.29
XIX	Myricetin	1.56–50	$y = 5360x - 1240$	0.999	0.45	1.36
XX	Quercetin	3.13–50	$y = 7450x - 1070$	0.999	0.76	2.29
XXI	Maslinic acid	3.125–200	$y = 2790x + 3990$	0.999	0.89	2.95
XXII	Corosolic acid	3.125–200	$y = 3280x + 750$	0.999	0.66	2.21
XXIII	Oleanolic acid	2.344–600	$y = 3240x + 12900$	0.999	0.55	1.85
XXIV	Ursolic acid	3.906–2000	$y = 2930x + 39000$	0.999	0.54	1.81
XXV	$\beta$ -Amyrin	6.250–200	$y = 3170x + 6470$	0.999	1.11	3.69
XXVI	$\alpha$ -Amyrin	6.250–200	$y = 3090x - 1030$	0.999	1.37	4.58