

Table 4. Predicted flow infusion electrospray ionization mass spectrometry (FIE-MS) (+) ion masses for fructans in SST and SST/FFT transgenic potato genotypes (numbers = amu)

<u>Metabolite</u>	<u>Parent ion</u>	<u>Na adduct</u>	<u>Isotopes</u>	<u>Double Charged</u>	<u>K adducts</u>	<u>Isotopes</u>	<u>Double Charged</u>
3DPFructan	504	527 (509)	528 529	263, 264 (255)	543 (525)	544 545	272, 273 (262)
4DP Fructan	666	689 (671)	690 691	344, 345 (336)	705 (687)	706 707	353, 354 (344)
5DPFructan	828	851 (833)	852 853	425, 426 (417)	867 (849)	868 869	434, 435 (425)
6DP Fructan	990	[1013] (995)	[1014]	506, 507 (498)	[1029] [1011]	[1030]	515, 516 (506)
7DP Fructan	[1152]	[1175] [1157]	[1076]	587, 588 (579)	[1191] [1173]	[1192]	596, 597 (587)
8DP Fructan	[1314]	[1337] [1319]	[1338]	668, 669 (660)	[1353] [1335]	[1354]	677, 678 (668)
9DPFructan	[1476]	[1499] [1481]	[1500]	749, 750 (740)	[1515] [1497]	[1516]	758, 759 (748)

Numbers in bold represent the *m* amu ion identified in the ESI-MS fingerprint; numbers in italics are isotopes; numbers in blue are neutral water losses; numbers in square brackets are above the mass range of the LTC instrument.