| #  | Label     | Description                                                                 | Expected m/z [M+H]+ | Expected m/z [M+H]+2 | Expected m/z [M+H]+3 | Observed m/z   | Difference |
|----|-----------|-----------------------------------------------------------------------------|---------------------|----------------------|----------------------|----------------|------------|
| 1  | M3        | Monomer disaccharide tripeptide                                             | 871.3784            | 436.1931             | 291.1314             | 871.3450       | 0.0334     |
| 2  | M4<sup>dy</sup> | Monomer disaccharide tetrapeptide with Gly at fourth position          | 928.3999            | 464.7039             | 310.1385             | 928.3572       | 0.0427     |
| 3  | M5<sup>dy</sup> | Monomer disaccharide pentapeptide with Gly at fifth position        | 999.4370            | 500.2224             | 333.8176             | 999.3960       | 0.041      |
| 4  | M4        | Monomer disaccharide tetrapeptide                                           | 942.4155            | 471.7117             | 314.8104             | 942.3746       | 0.0409     |
| 5  | D3<sup>dy</sup> | Dimer disaccharide tri-tetrapeptide with Gly at fourth position     | 1780.7599           | 890.8839             | 594.2585             | 890.8522       | 0.0317     |
| 6  | D33       | Dimer disaccharide tri-tripeptide                                           | 1723.7384           | 862.3731             | 575.2514             | 862.3391       | 0.0340     |
| 7  | D4<sup>dy</sup> | Dimer disaccharide tetra-tetrapeptide with Gly at fourth position | 1851.7970           | 926.4024             | 617.9376             | 926.3626       | 0.0398     |
| 8  | D43       | Dimer disaccharide tetra-tripeptide                                         | 1794.7755           | 897.8917             | 598.9304             | 897.8583       | 0.0334     |
| 9  | D34       | Dimer disaccharide tri-tetrapeptide                                         | 1794.7755           | 897.8917             | 598.9304             | 897.8522       | 0.0395     |
| 10 | D44       | Dimer disaccharide tetra-tetrapeptide                                       | 1865.8126           | 933.4102             | 622.6094             | 933.3690       | 0.0412     |
| 11 | T434/T344 | Trimer disaccharide tetra-tri-tetrapeptide/ | 2718.1727           | 1359.5903             | 906.7295             | 906.6955       | 0.0340     |
|    |          | tri-tetra-tetrapeptide                                                      |                     |                      |                      |                |            |
| 12 | T444      | Trimer disaccharide teträ-tetra-tetrapeptide                                | 2789.2089           | 1395.1088            | 930.4085             | 930.3705       | 0.0380     |
| 13 | T4444     | Tetramer disaccharide tetra-tetra-tetra-tetrapeptide                        | 3712.6069           | 1856.8074            | 1238.2075           | 1238.1420     | 0.0655     |
| 14 | D44N      | Anhydrous dimer disaccharide tetra-tetra-tetrapeptide                      | 1845.7864           | 923.3971             | 615.9340             | 923.3585       | 0.0406     |
| 15 | T444N     | Anhydrous trimer disaccharide tetra-tetra-tetra-tetrapeptide               | 2769.1636           | 1385.0957            | 923.7331             | 923.6984       | 0.0347     |