

**TABLE 2.** Troubleshooting table.

Step	Problem	Possible reason	Solution
5	In “Peptide settings”, select modification “Oxidation of methionine” from the list of predefined modification, however the modification is not applied to peptides in the library	In Skyline versions before 3.7, pre-defined Oxidation of methionine is by default not marked as a variable modification,	Manually edit the definition of this modification.
6	Error stating *.mzML file(s) cannot be opened	The .ssl file and corresponding .mzML files are not located in the same fold	Keep input .ssl file and all corresponding .mzML file(s) in the same folder
8	A or few peptides in the peptide library cannot be added to the “target” list for quantitation	The peptide does not match the current settings modifications or filters.	Adjust filter settings or correct modification definitions.