

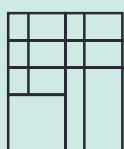
Dos and don'ts

of oligonucleotide analysis

Dos



Do use columns with high pH and high temperature stability



Do dedicate an LC for oligo analysis



Do optimize collision energy



Do re-equilibrate columns with at least 5 column volumes



Do adopt a consistent cleaning protocol for your MS and LC to prevent adduct formation



Do verify system performance with a system suitability standard



Do monitor spectra for depurination

Don'ts



Don't switch back and forth between oligo and other types of analyses



Don't use low quality reagents



Don't use a high source temperature



Don't use MS scan range below 400 m/z



Don't assume all charge states fragment equivalently



Don't use mobile phase for more than a couple of days