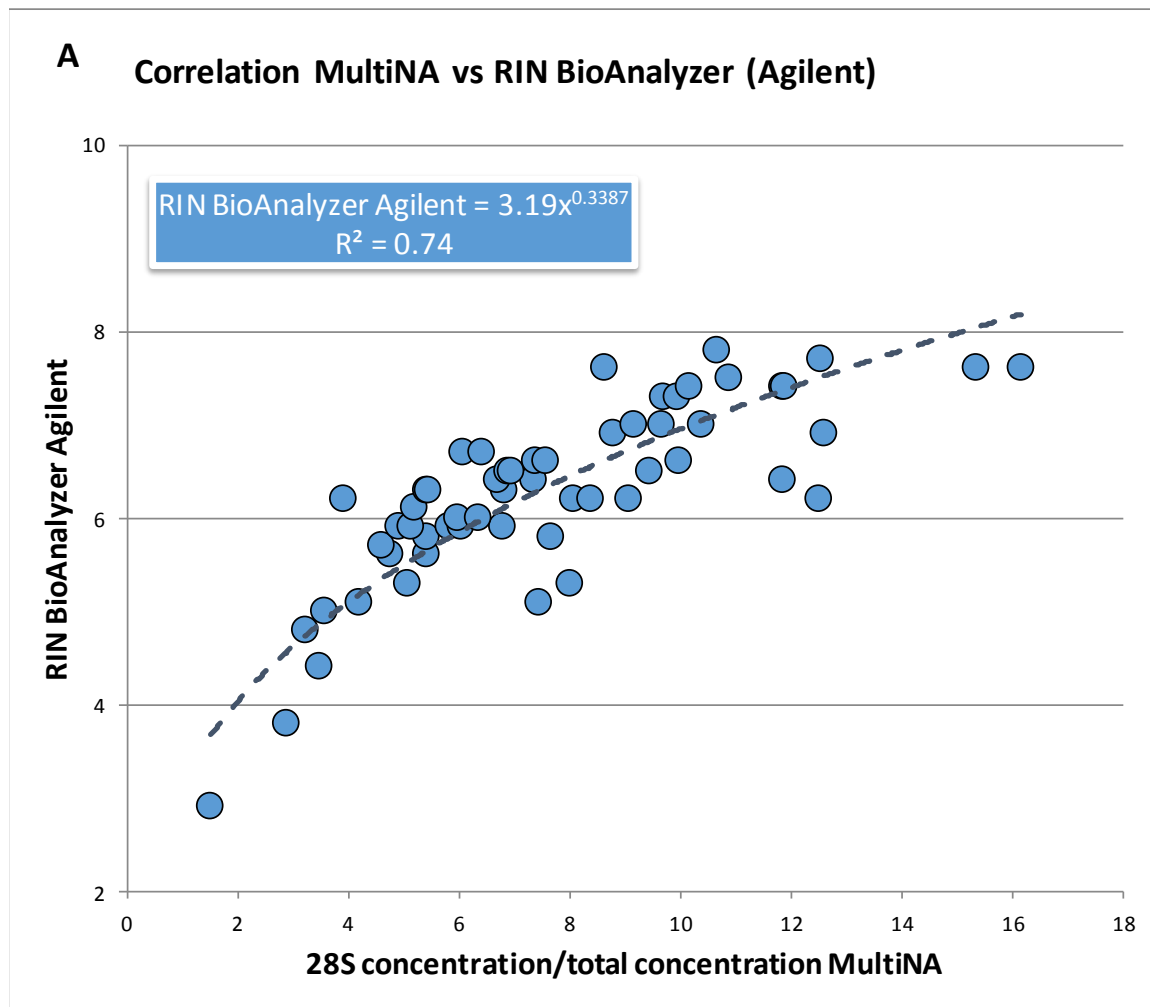


**TRAINING:** [y=RIN BioAnalyzer, x=RIN MultiNA Conc. 28S/Total Conc]

Training set: Total RNA isolated with RNA-B from 60 freshly frozen breast tumor tissues



**VALIDATION:** [RIN MultiNA =  $3.19 * (28S \text{ Conc.}/\text{total RNA Conc.} * 100)^{0.3387}$

Testing set: Total RNA isolated with RNA-B from 73 independent freshly frozen breast tumor tissues

