This talk will present two new results. The first is an asymptotic result on the metric entropy of the $q$-hull of a precompact set $K$, where $0 < q < 1$. The second result is the metric entropy of $G_\alpha = \{I_\alpha f | f \in \mathcal{F}\}$, where $I_\alpha$ denotes the fractional integral and the entropy of the family $\mathcal{F}$ is given. We will then apply this result to the family of $s$-concave functions. (Received September 15, 2014)