How to grab a sample

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This r markdown will show you how to grab indivdial samples from the data set.

Here I am loading the data set and loading packages

The sample IDs will all be stored in this variable

```r
### Store all sampleID for future use
All_Urine_ID <- Urine.Working %>% pull(SampleID) %>% unique() %>% as.vector()
head(All_Urine_ID)
```

```
## [1] "1a" "1b" "2a" "2b" "3a" "3b"
```

Here is how to grab a sample given the ID. Below I have the sample 1a. I am showing the heading of the data set and then the graph of the sample sample 1a

```r
working.sample <- Urine.Working %>% filter(SampleID == All_Urine_ID[1])
All_Urine_ID[1]
```

```
## [1] "1a"
```

```r
head(working.sample)
```

```
## # A tibble: 6 x 5
##   SampleID Temperature   dCp SampleNumber SampleIteration
##   <fct>          <dbl> <dbl> <fct>        <fct>
## 1 1a              20.0 -1.17 1            a
## 2 1a              20.0 -2.68 1            a
## 3 1a              20.0 -3.46 1            a
## 4 1a              20.0 -3.38 1            a
## 5 1a              20.0 -3.12 1            a
## 6 1a              20.0 -2.76 1            a
```

```r
ggplot(working.sample, aes(x = Temperature, y = dCp)) + geom_line()
```