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EXAMINE VARIABLES=Signal BY Gas
/PLOT BOXPLOT STEMLEAF NPLOT
/COMPARE GROUPS
/STATISTICS DESCRIPTIVES
/CINTERVAL 99
/MISSING LISTWISE
/NOTOTAL.

```

## Explore

### Gas

**Case Processing Summary**

Gas		Cases					
		Valid		Missing		Total	
		N	Percent	N	Percent	N	Percent
Signal	1	30	100.0%	0	0.0%	30	100.0%
	2	30	100.0%	0	0.0%	30	100.0%

**Descriptives**

Gas			Statistic	Std. Error
Signal	1	Mean	71.93	.067
		99% Confidence Interval for Mean	Lower Bound 71.75 Upper Bound 72.12	
		5% Trimmed Mean	71.94	
		Median	72.00	
		Variance	.133	
		Std. Deviation	.365	
		Minimum	71	
		Maximum	73	
		Range	2	
		Interquartile Range	0	
		Skewness	-.924	.427
		Kurtosis	5.185	.833
	2	Mean	179.77	.177
		99% Confidence Interval for Mean	Lower Bound 179.28 Upper Bound 180.26	
		5% Trimmed Mean	179.80	
		Median	180.00	
		Variance	.944	
		Std. Deviation	.971	
		Minimum	178	

### Descriptives

Gas		Statistic	Std. Error
	Maximum	181	
	Range	3	
	Interquartile Range	2	
	Skewness	.022	.427
	Kurtosis	-1.219	.833

### Tests of Normality

Gas		Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Signal	1	.472	30	.000	.496	30	.000
	2	.252	30	.000	.843	30	.000

a. Lilliefors Significance Correction

## Signal

### Stem-and-Leaf Plots

Signal Stem-and-Leaf Plot for  
Gas= 1

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Frequency      Stem & Leaf

      3.00 Extremes      (= <71)
      .00          7 .
     26.00          7 . 2222222222222222222222222222
      1.00 Extremes      (>=73)

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Stem width: 10  
Each leaf: 1 case(s)

Signal Stem-and-Leaf Plot for  
Gas= 2

```

Frequency      Stem & Leaf

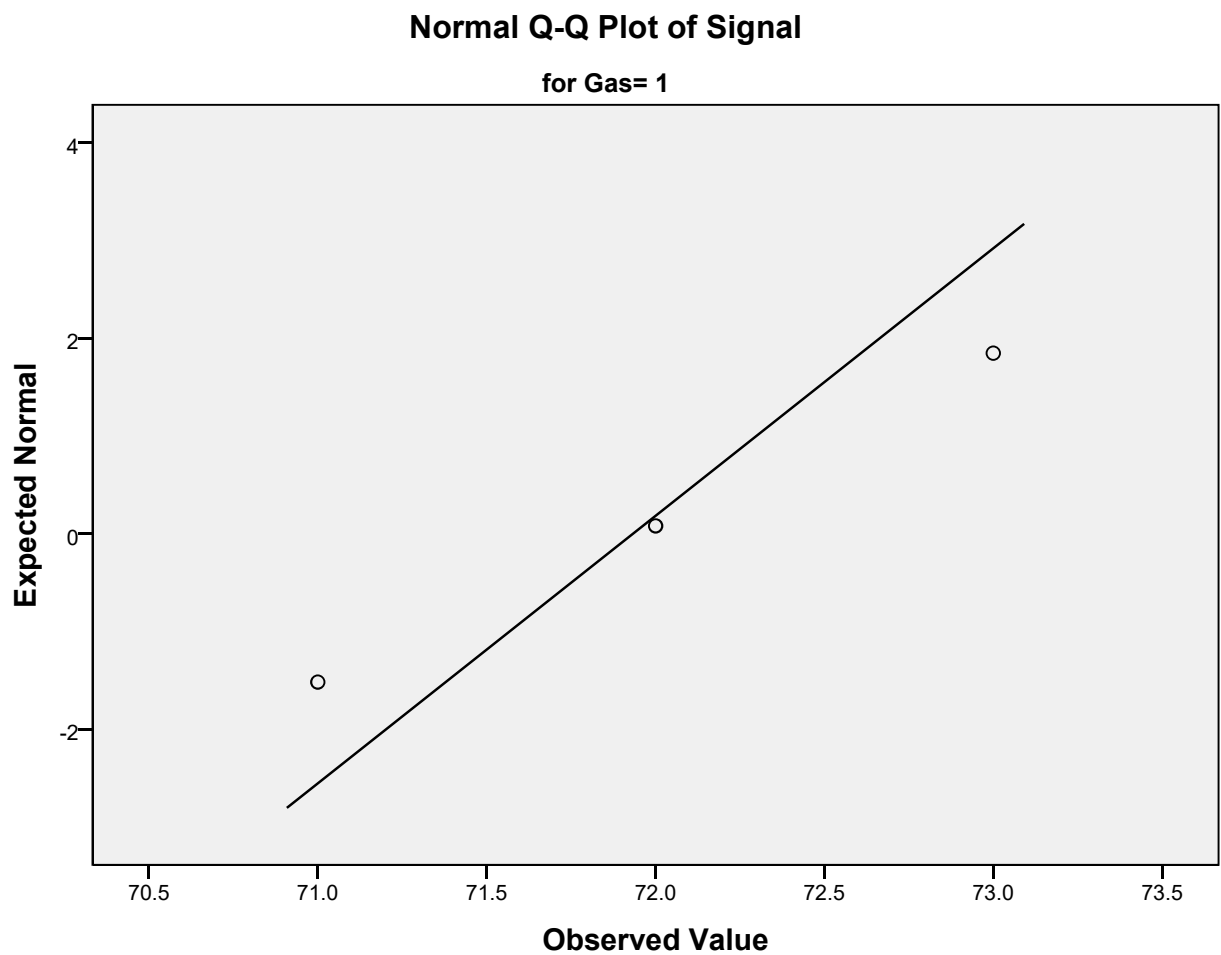
      2.00      178 . 00
      .00      178 .

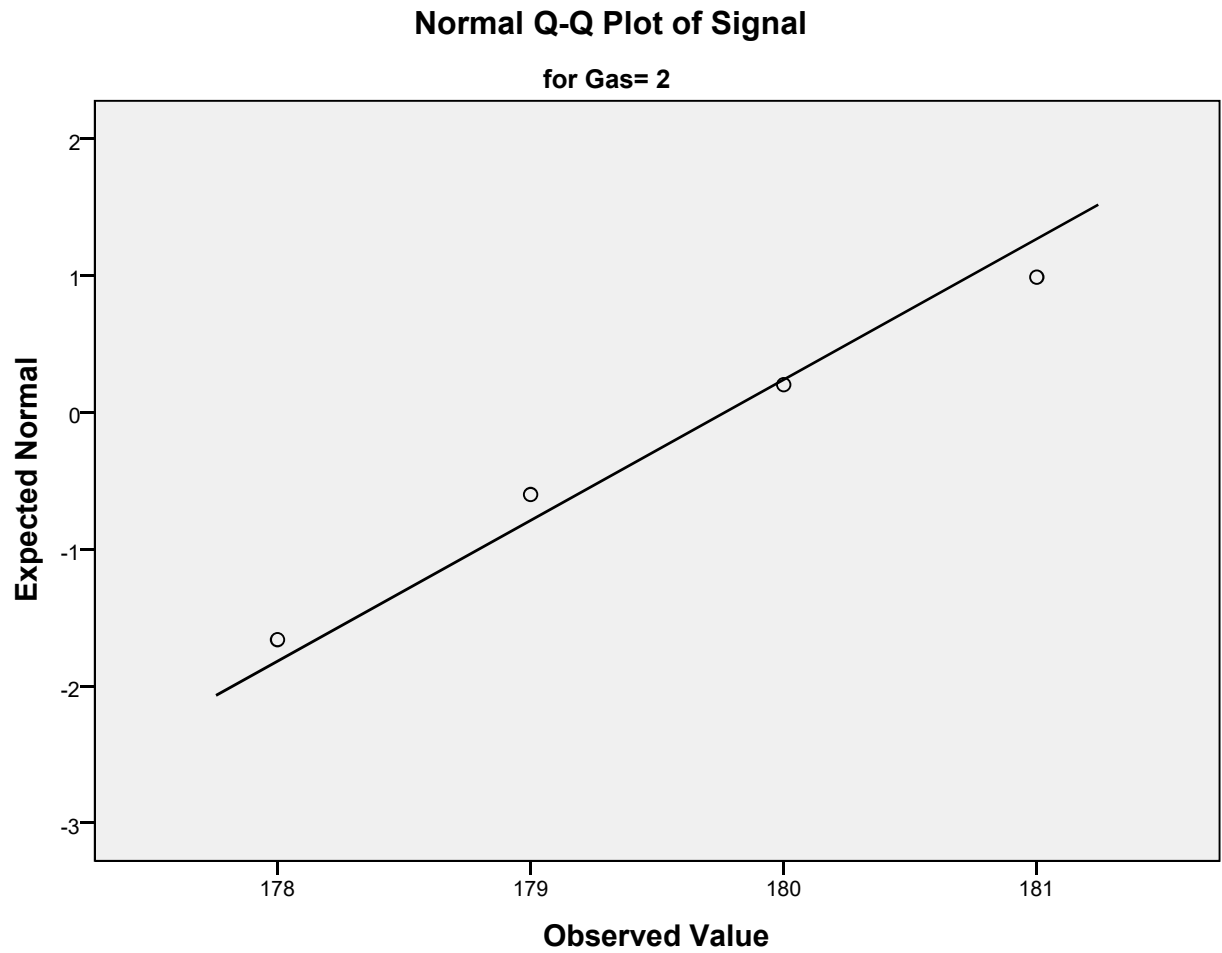
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12.00	179 .	00000000000000
.00	179 .	
7.00	180 .	00000000
.00	180 .	
9.00	181 .	0000000000

Stem width: 1  
Each leaf: 1 case(s)

## Normal Q-Q Plots

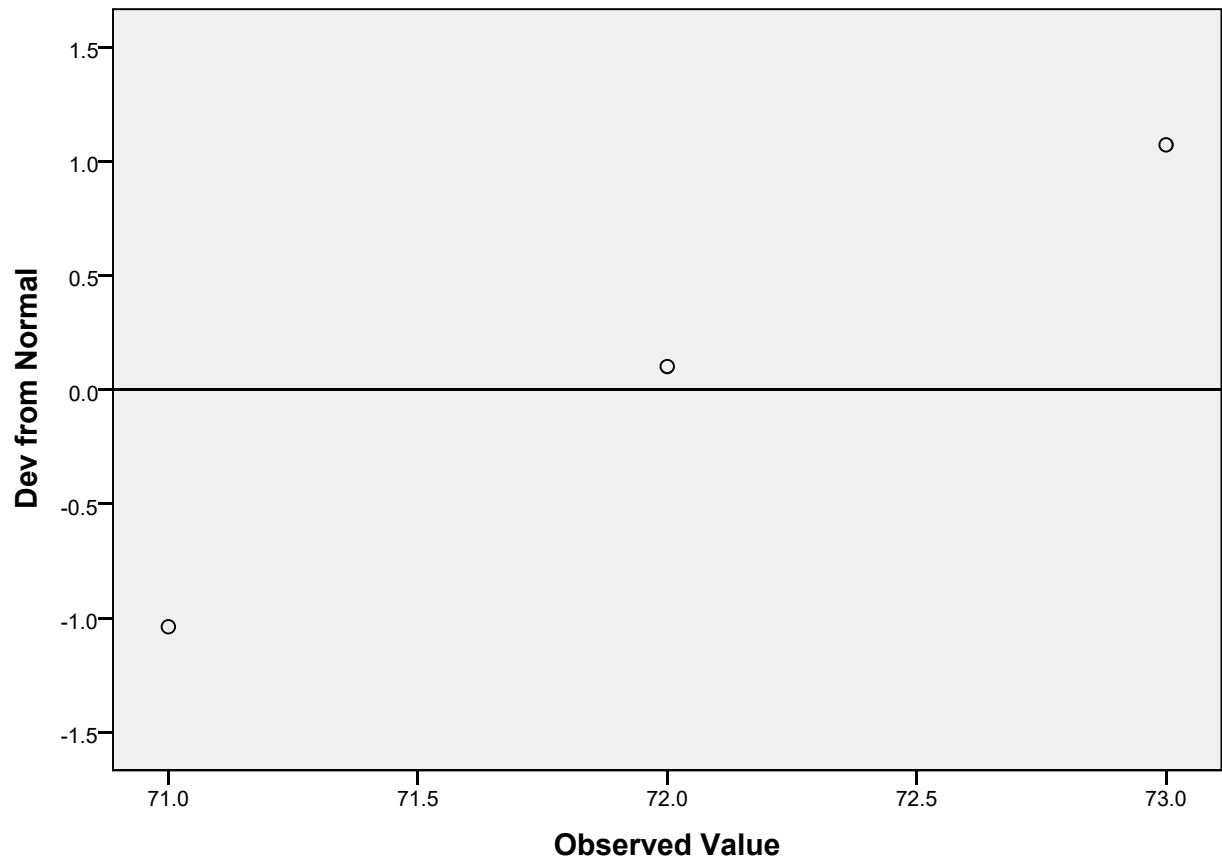




### Detrended Normal Q-Q Plots

# Detrended Normal Q-Q Plot of Signal

for Gas= 1



# Detrended Normal Q-Q Plot of Signal

for Gas= 2

