

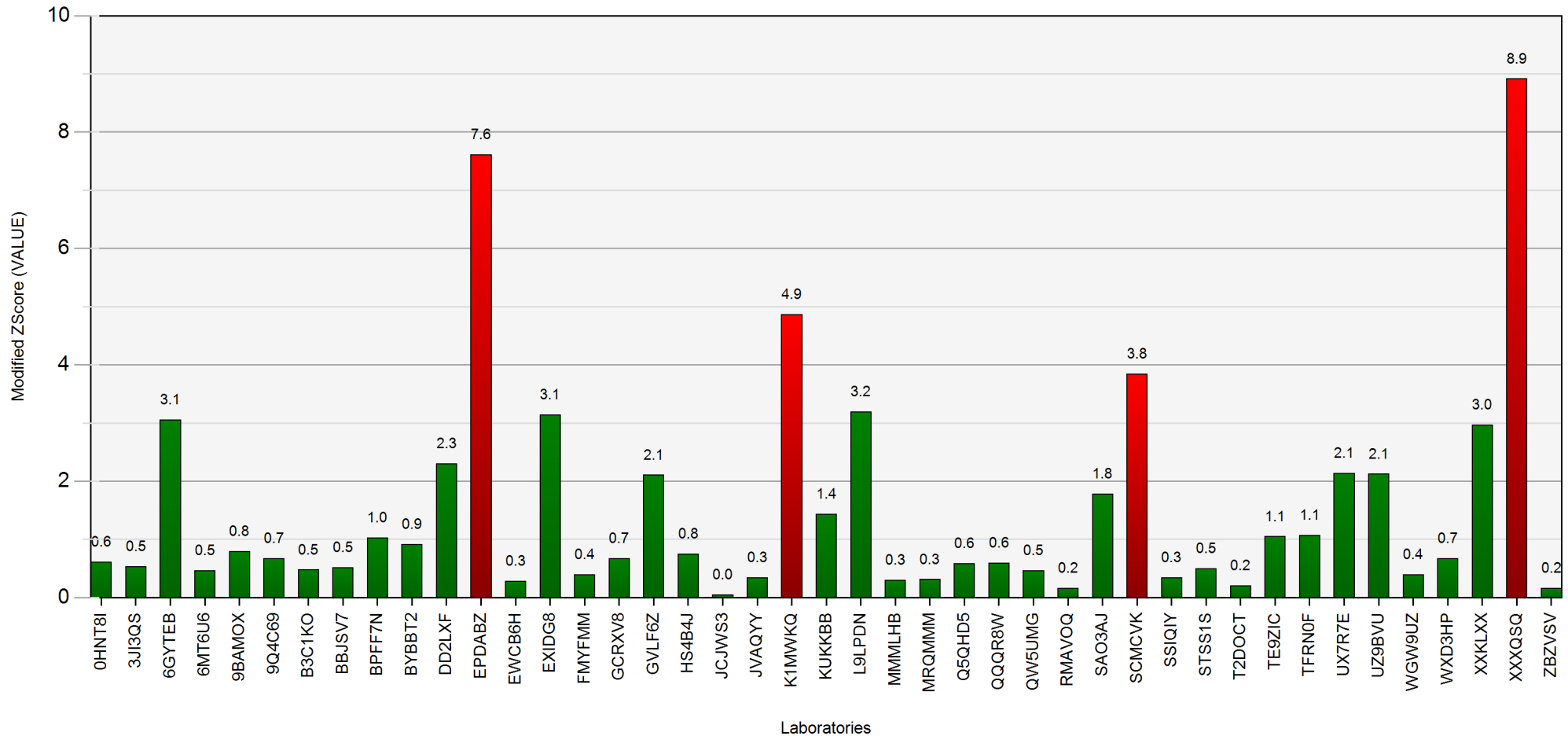


Round: 2011/1

Substance: SM-1/Morphine

Median = 67.5

MAD = 4.92



Z-Score has been calculated as **modified Z-Score** as it is a robust method and therefore relatively insensitive to outliers.

Modified Z-Score = 0.6745 * AbsDev/MAD

AbsDev = Absolute value of the difference between a laboratory value and the median of all the laboratory values for the given drug;

MAD = median absolute deviation about the median.

Modified Z-scores with an absolute value of greater than 3.5 should be considered as potential outliers.

Reference:

Iglewicz, B. and Hoaglin, D. C.: 1993 How to Detect and Handle Outliers, American Society for Quality Control, Milwaukee, WI

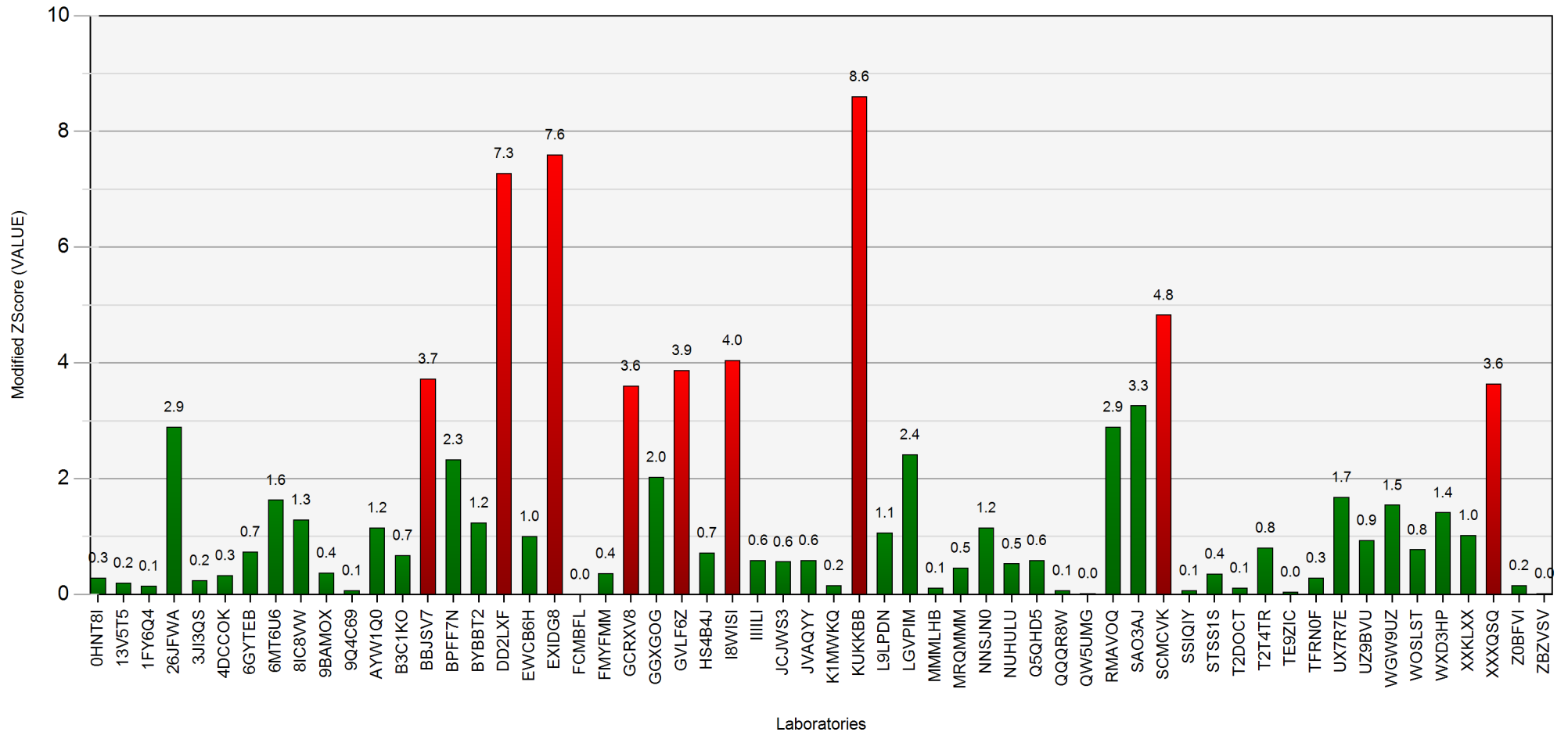


Round: 2011/1

Substance: SM-2/3,4-methylenedioxyamphetamine (MDMA)

Median = 30.35

MAD = 1.55



Z-Score has been calculated as **modified Z-Score** as it is a robust method and therefore relatively insensitive to outliers.

Modified Z-Score = 0.6745 * AbsDev/MAD

AbsDev = Absolute value of the difference between a laboratory value and the median of all the laboratory values for the given drug;

MAD = median absolute deviation about the median.

Modified Z-scores with an absolute value of greater than 3.5 should be considered as potential outliers.

Reference:

Iglewicz, B. and Hoaglin, D. C.: 1993 How to Detect and Handle Outliers, American Society for Quality Control, Milwaukee, WI

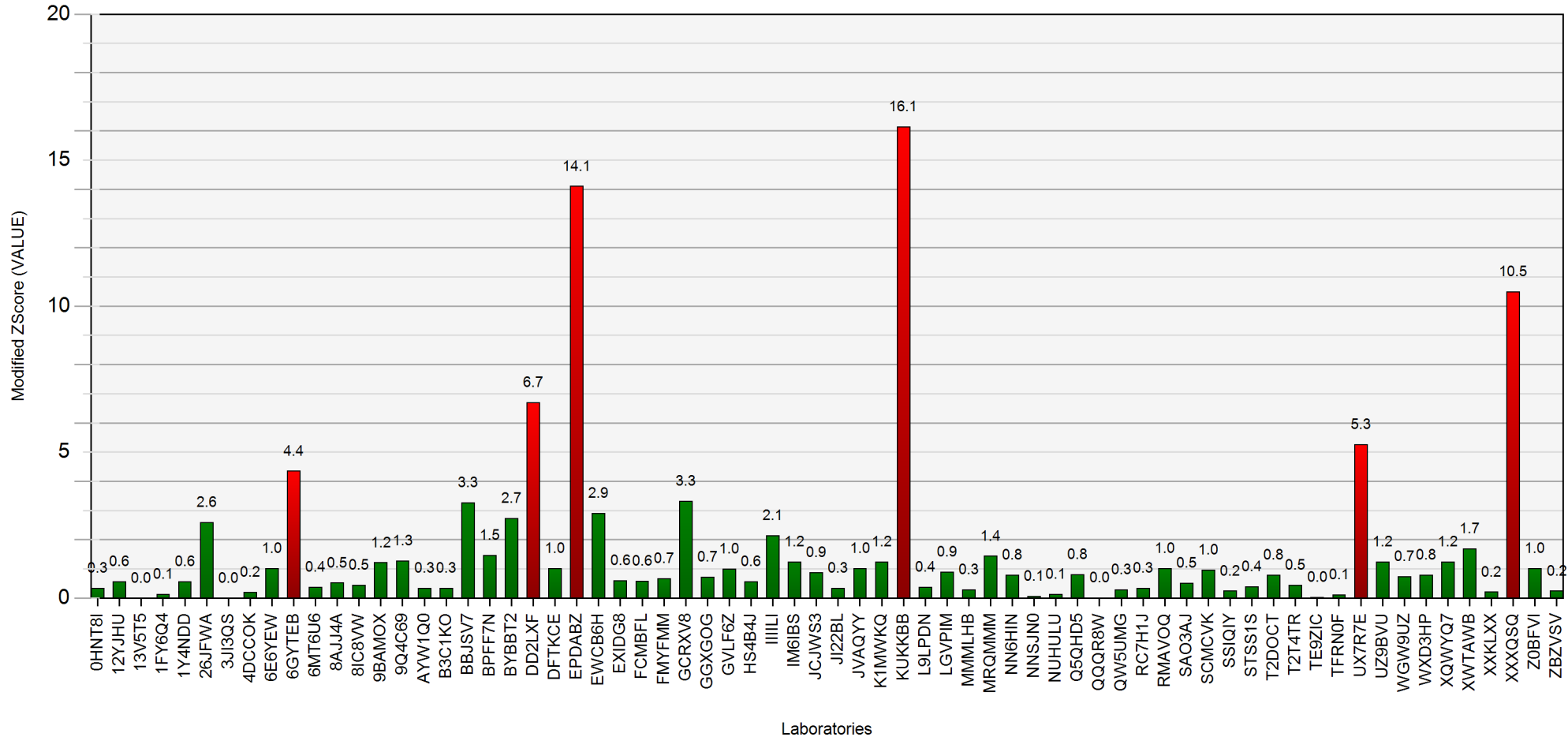


Round: 2011/1

Substance: SM-3/Cocaine

Median = 72.5

MAD = 2.99



Z-Score has been calculated as **modified Z-Score** as it is a robust method and therefore relatively insensitive to outliers.

Modified Z-Score = $0.6745 * AbsDev/MAD$

AbsDev = Absolute value of the difference between a laboratory value and the median of all the laboratory values for the given drug;

MAD = median absolute deviation about the median.

Modified Z-scores with an absolute value of greater than 3.5 should be considered as potential outliers.

Reference:

Iglewicz, B. and Hoaglin, D. C.: 1993 How to Detect and Handle Outliers, American Society for Quality Control, Milwaukee, WI

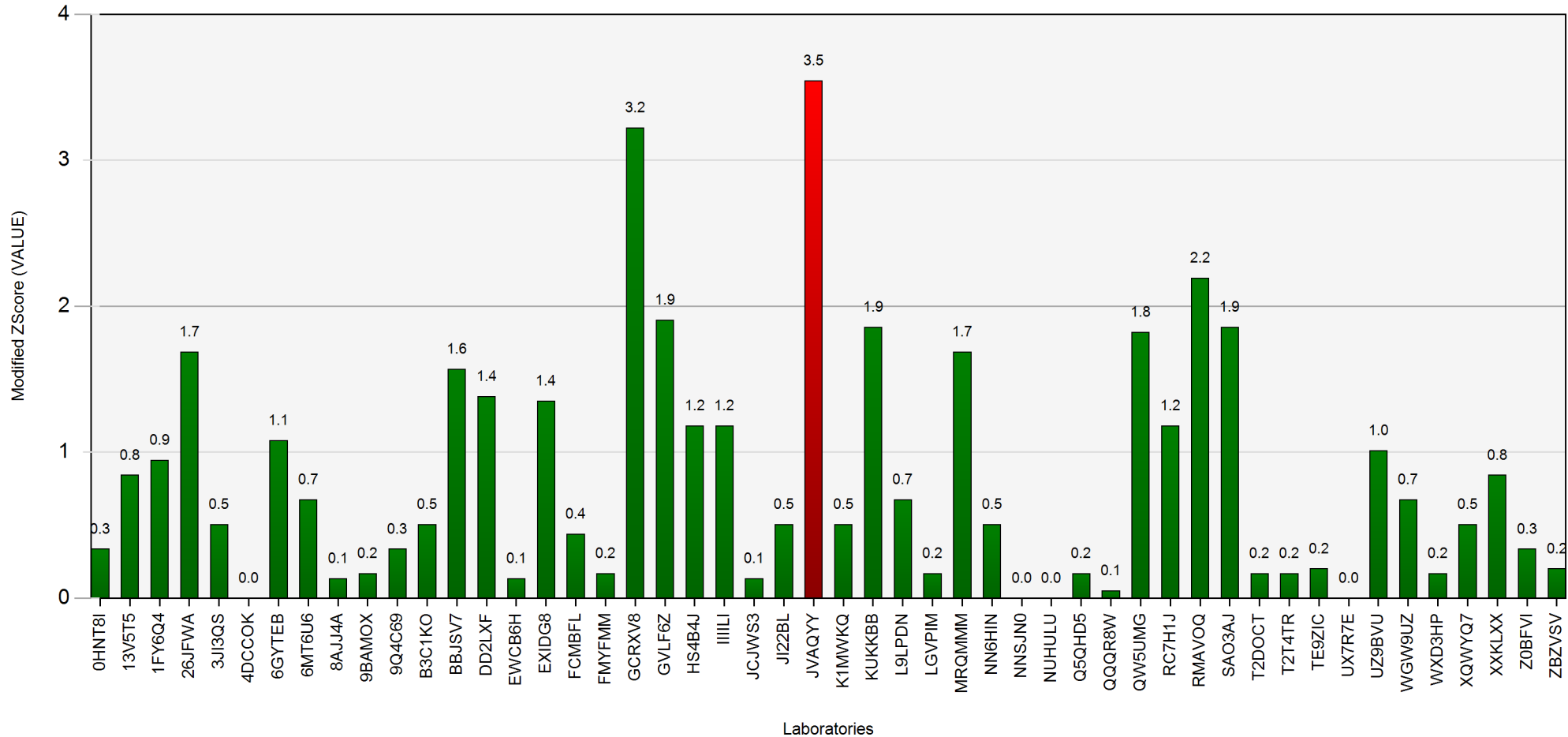


Round: 2011/1

Substance: SM-4/Amfetamine

Median = 2.7

MAD = 0.40



Z-Score has been calculated as **modified Z-Score** as it is a robust method and therefore relatively insensitive to outliers.

Modified Z-Score = $0.6745 * AbsDev/MAD$

AbsDev = Absolute value of the difference between a laboratory value and the median of all the laboratory values for the given drug;

MAD = median absolute deviation about the median.

Modified Z-scores with an absolute value of greater than 3.5 should be considered as potential outliers.

Reference:

Iglewicz, B. and Hoaglin, D. C.: 1993 How to Detect and Handle Outliers, American Society for Quality Control, Milwaukee, WI