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Metabolic rxn	Change in mass	
Methylation	14	
Demethylation	-14	
Hydroxylation	16	
Acetylation	42	
Epoxidation	16	
Desulfuration	-32	
Decarboxylation	-44	
Hydration	18	
Dehydration	-18	

Characteristic fragmentation of drug conjugates by MS/MS			
Conjugate Io	nization mo	de Scan	
Glucuronides	pos/neg	NL 176 amu	
Hexose sugar	pos/neg	NL 162 amu	
Pentose sugar	pos/neg	NL 132 amu	
Phenolic sulphate	pos	NL 80 amu	
Phosphate	neg	Precursor of m/z 79	
Aryl-GSH	pos	NL 275 amu	
Aliphatic-GSH	pos	NL 129	
taurines	neg	Precursor of m/z 124	
N-acetylcysteins	neg	NL 129 amu	
J. Prasain 01/18/08 NL = neutral loss.			

































