

SUPPLEMENTARY INFORMATION

LC-MS-based absolute metabolite quantification: Application to metabolic flux measurement in trypanosomes

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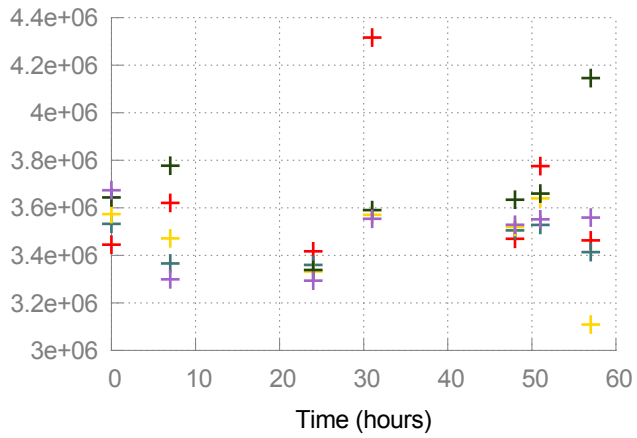
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M.P. Barrett, Wellcome Trust Centre for Molecular Parasitology, Institute of Infection, Immunity and Inflammation, College of Medical Veterinary and Life Sciences, University of Glasgow, G12 8TA, UK

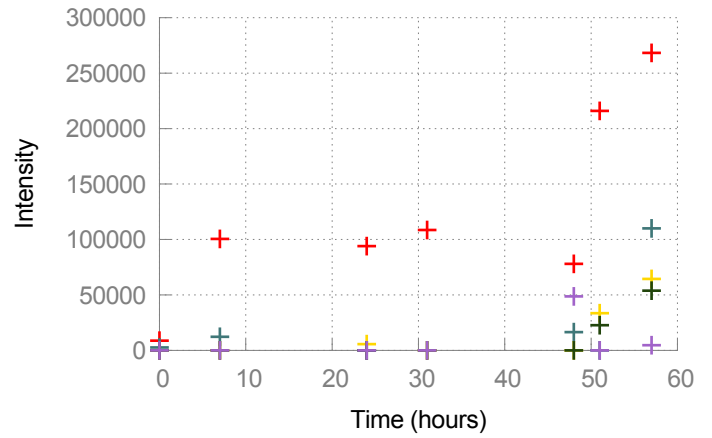
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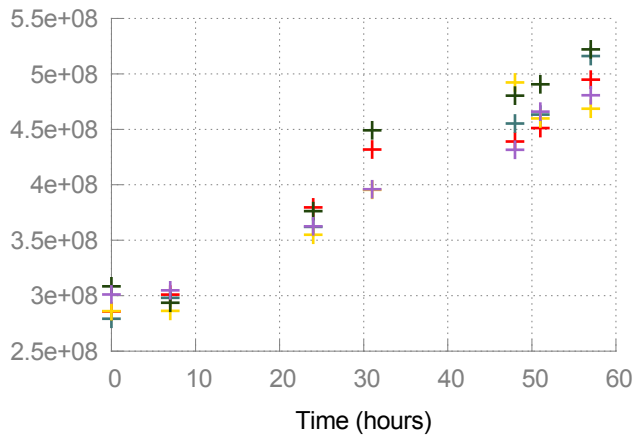
4-Trimethylammoniobutanoate (+)



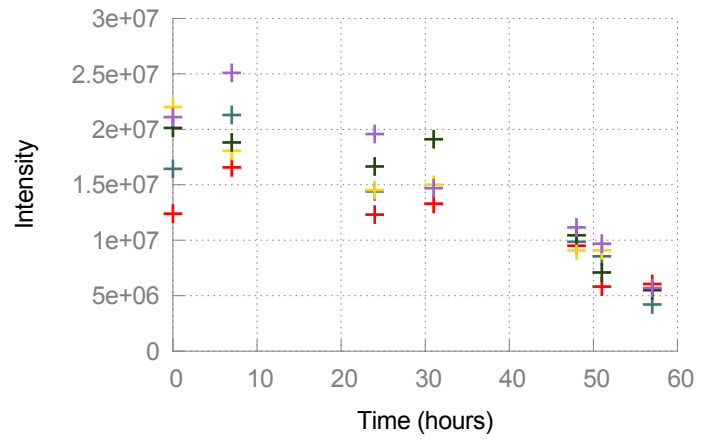
5'-Methylthioadenosine (+)



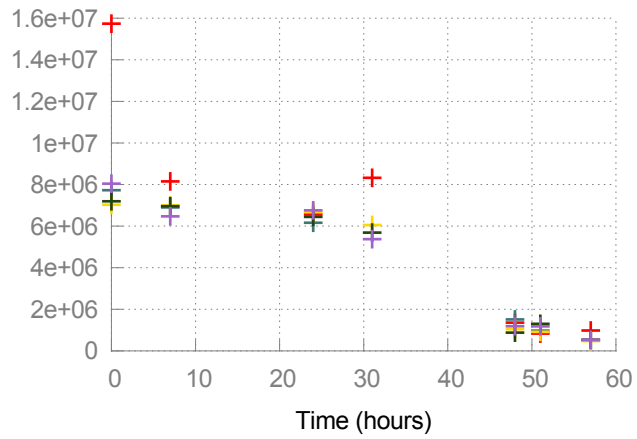
5-Oxoproline (+)



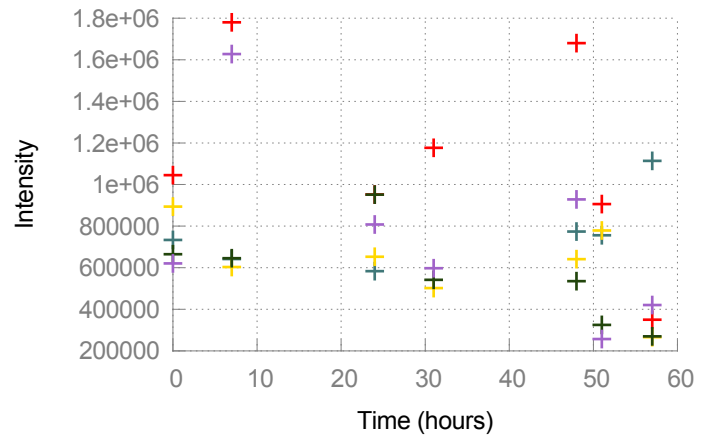
acetylcysteine (+)



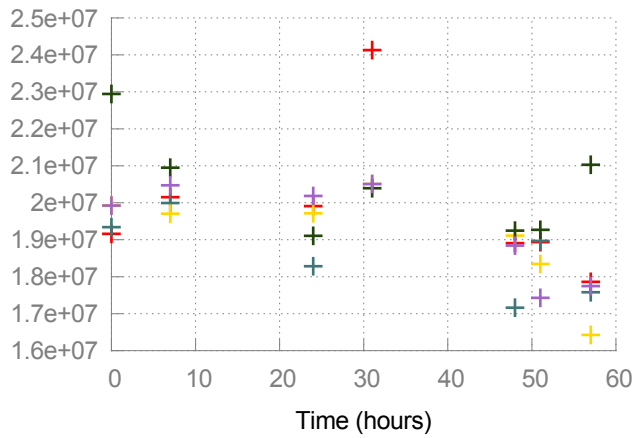
Adenine (+)



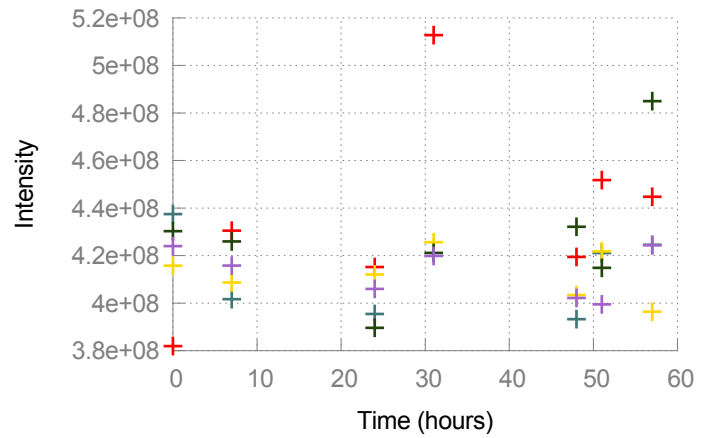
Adenosine (+)



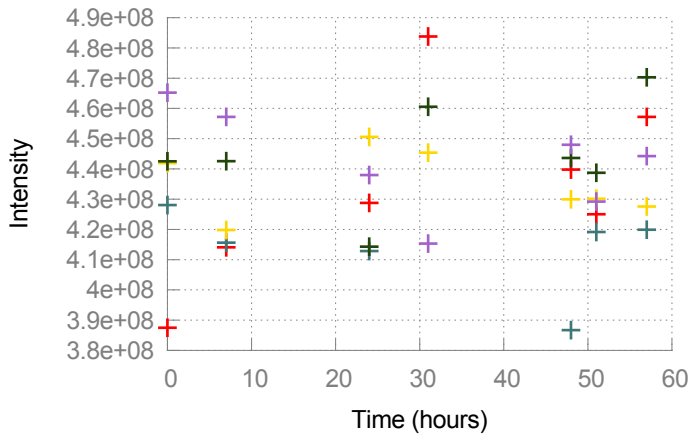
Ala-Gly (+)



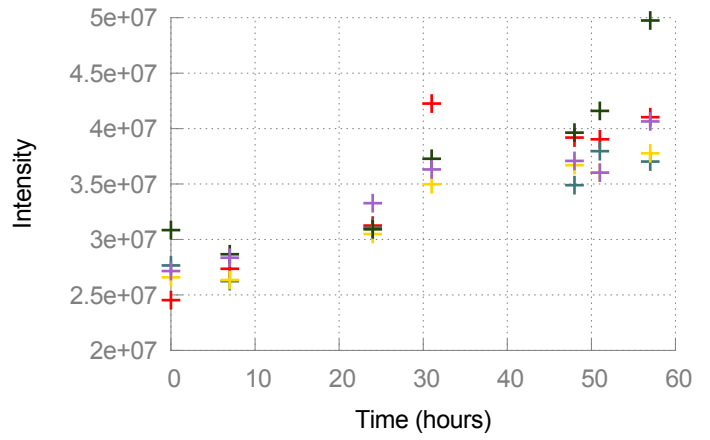
Betaine (+)



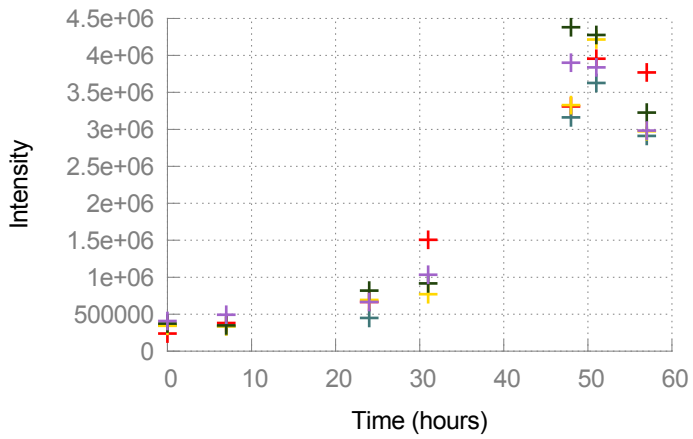
Creatinine (+)



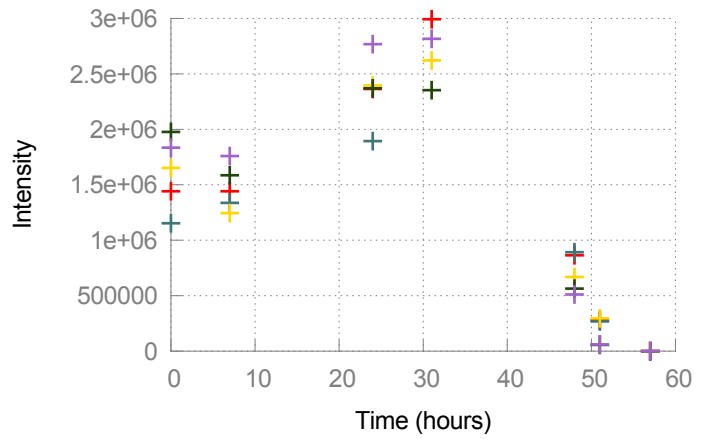
Cytidine (+)



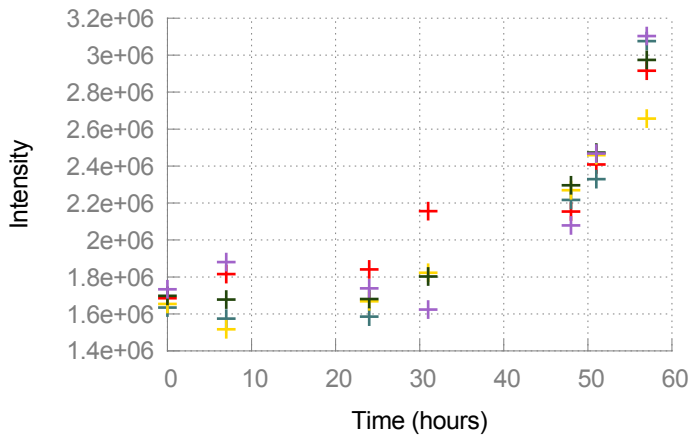
Guanine (+)



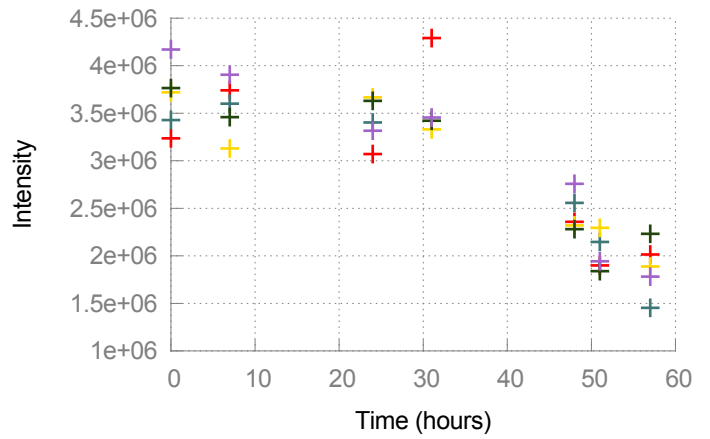
Guanosine (+)



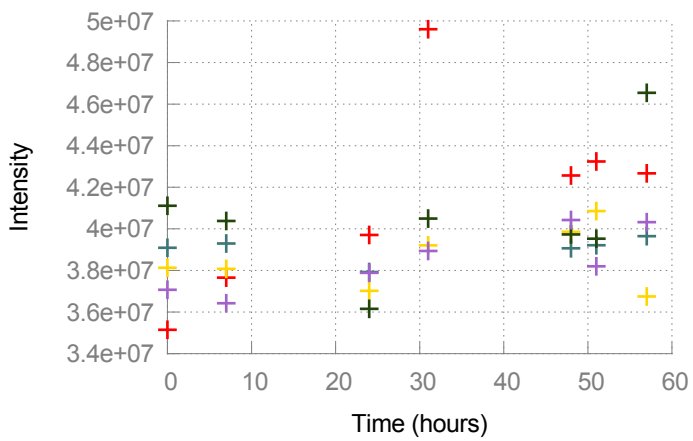
Imidazole-4-acetate (+)



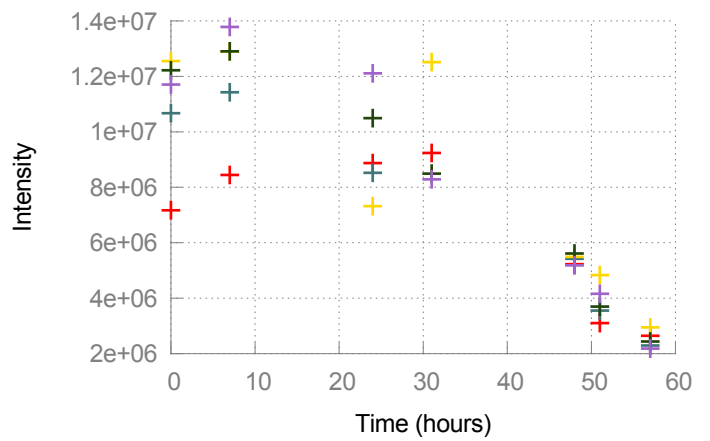
Nicotinic acid (+)



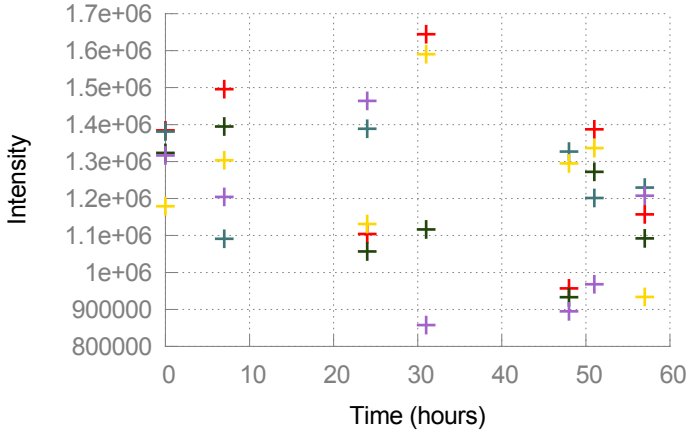
L-Carnitine (+)



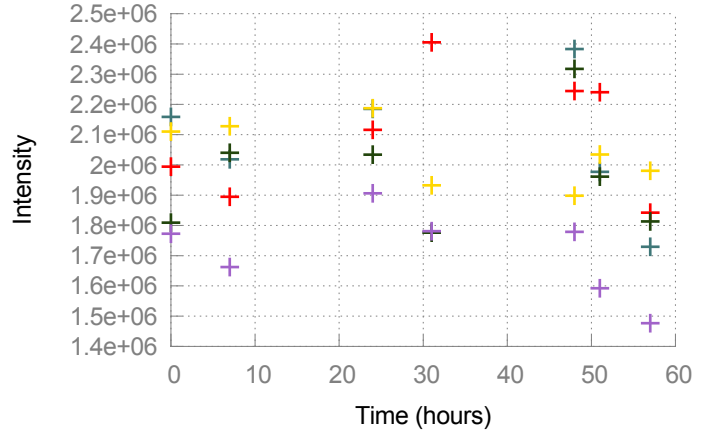
L-cysteine (+)



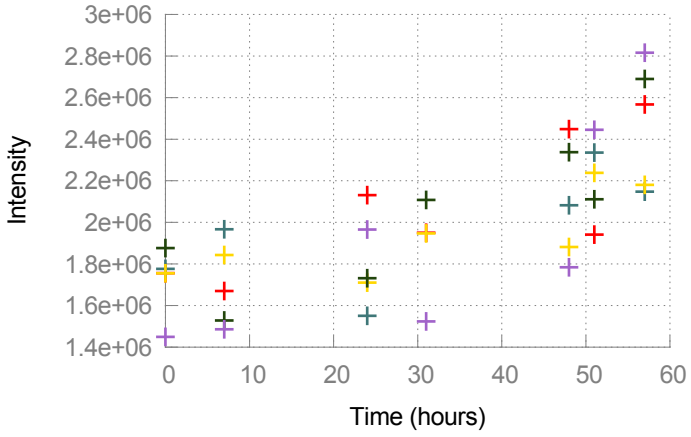
L-Kynurenine (+)



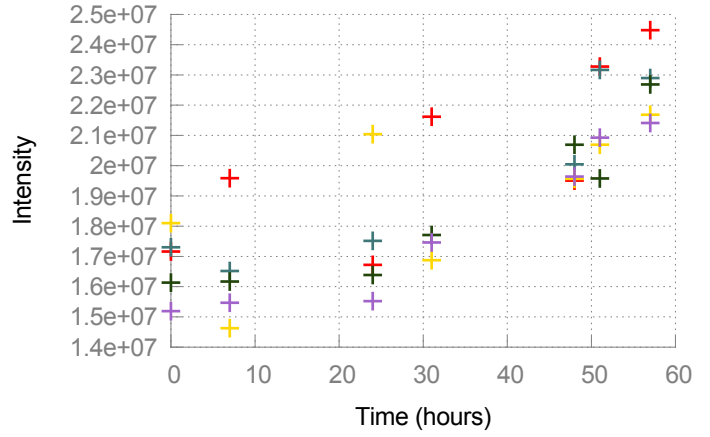
Methylcysteine (+)



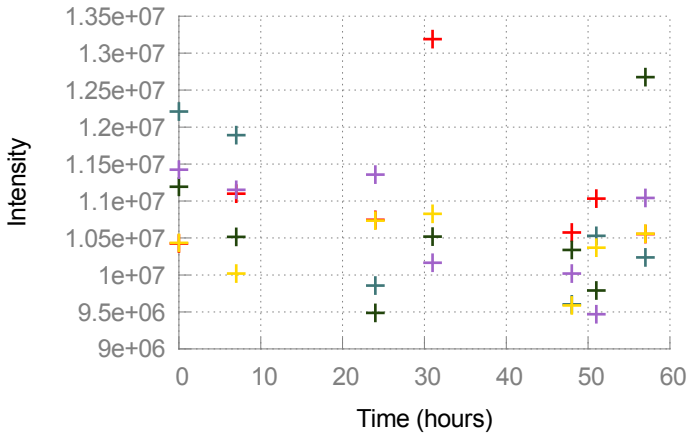
N-Acetyl-D-glucosamine (+)



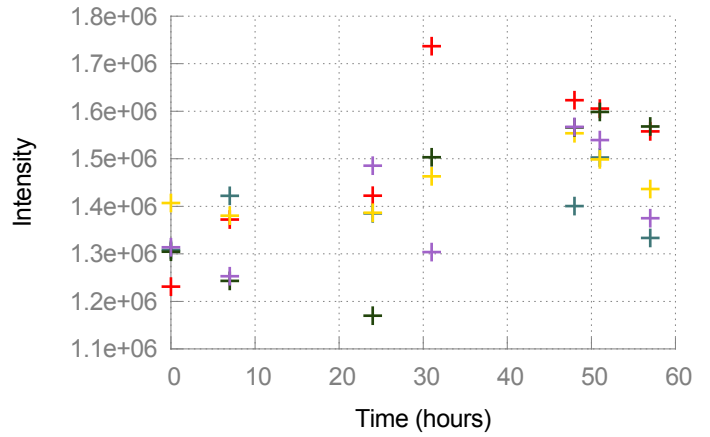
Nicotinamide (+)



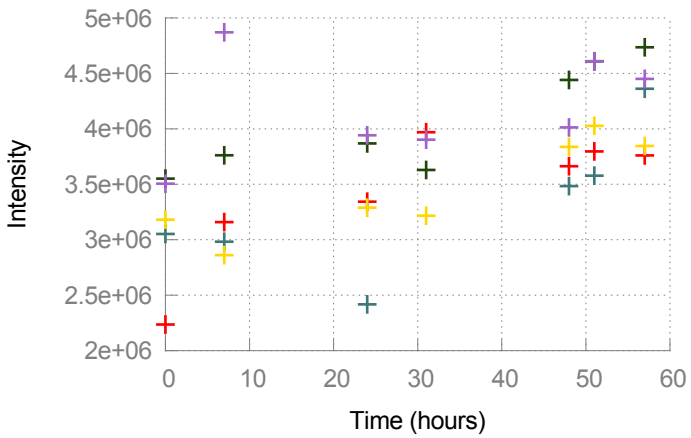
O-Acetylcarnitine (+)



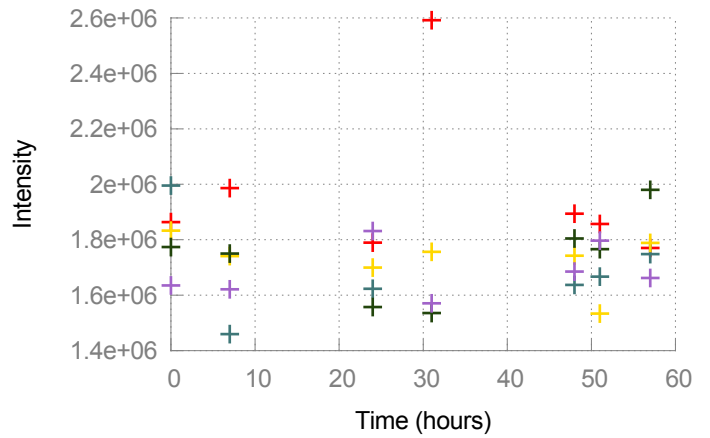
Uracil (+)



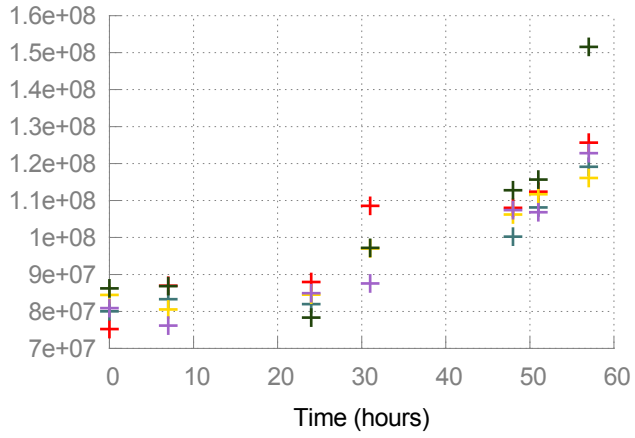
O-Acetyl-L-serine (+)



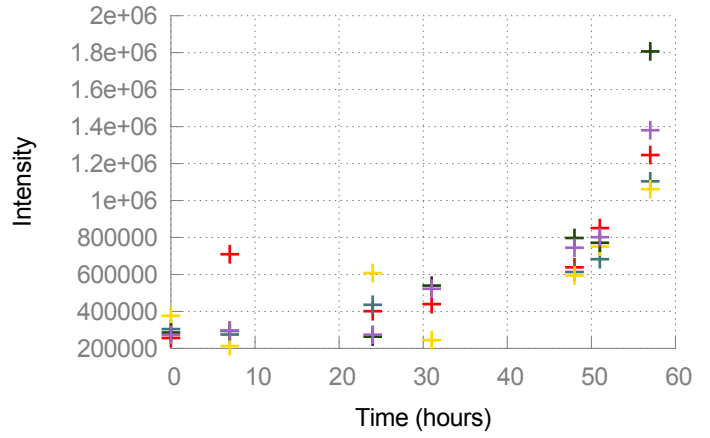
Pyridoxine (+)



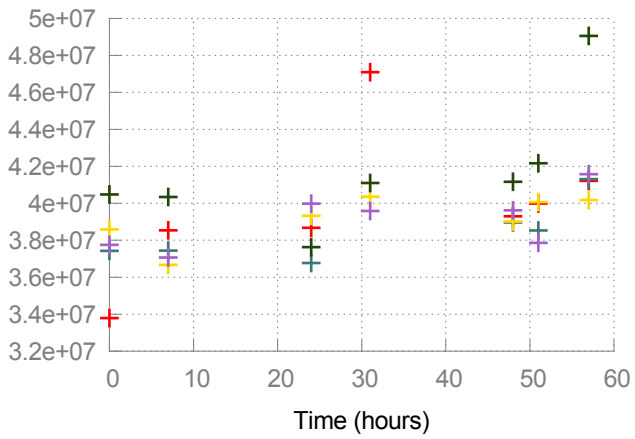
sn-glycero-3-Phosphocholine (+)



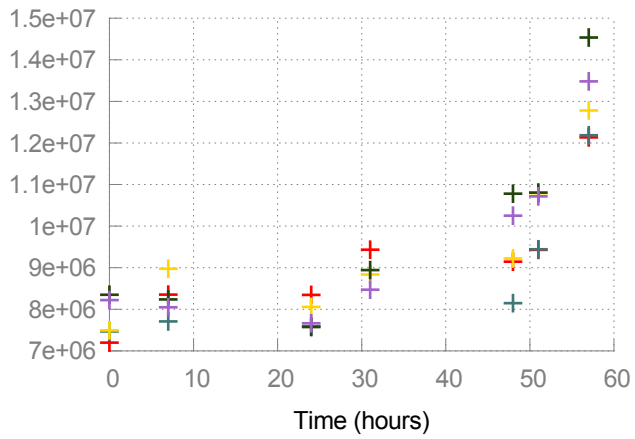
thymine (+)



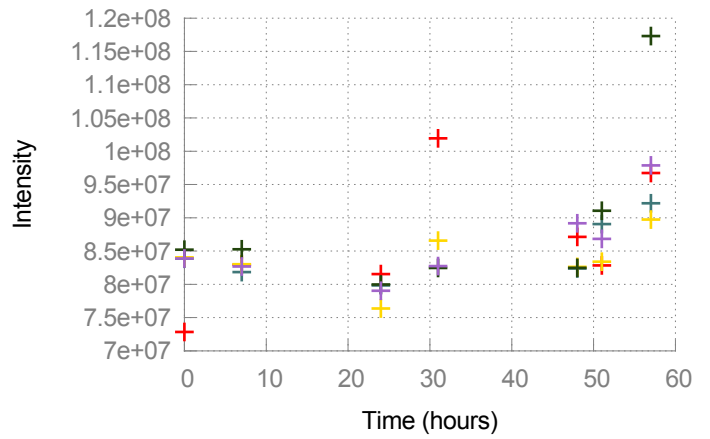
trans-4-Hydroxy-L-proline (+)



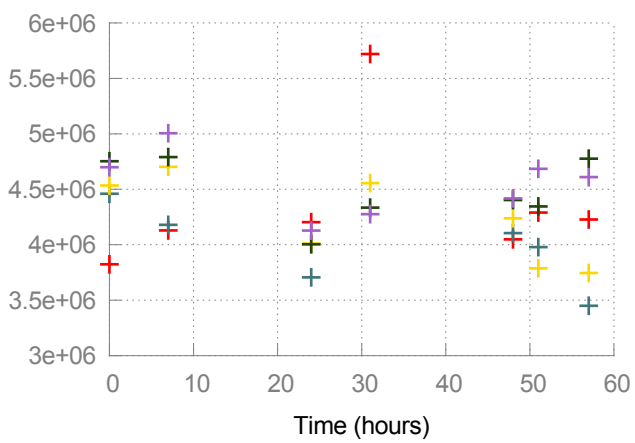
(R)-2-Hydroxyglutarate (-)



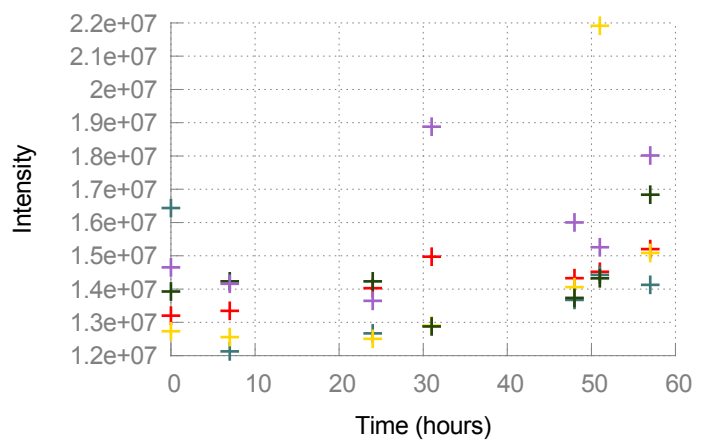
(S)-Malate (-)



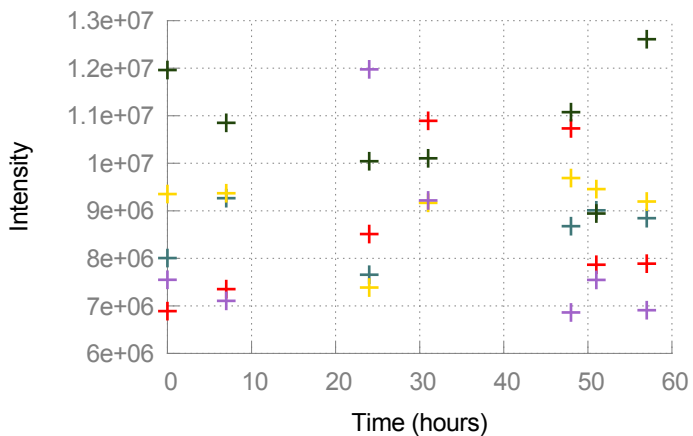
allantoin (-)



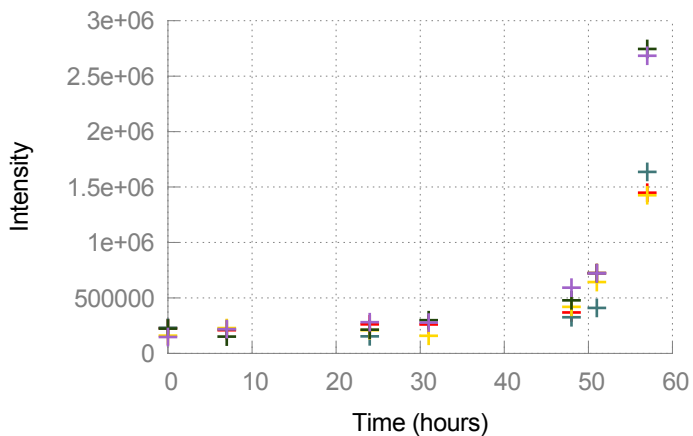
Benzoate (-)



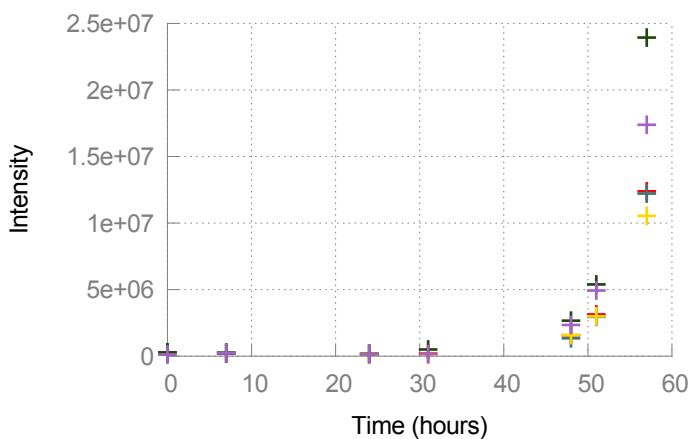
D-Galactarate (-)



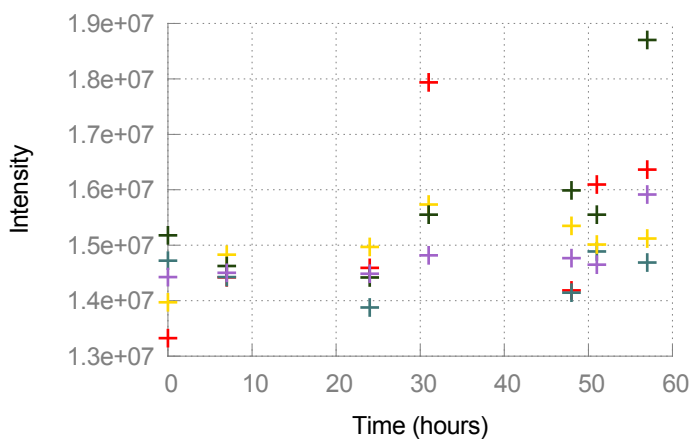
D-Glucono-1,4-lactone (-)



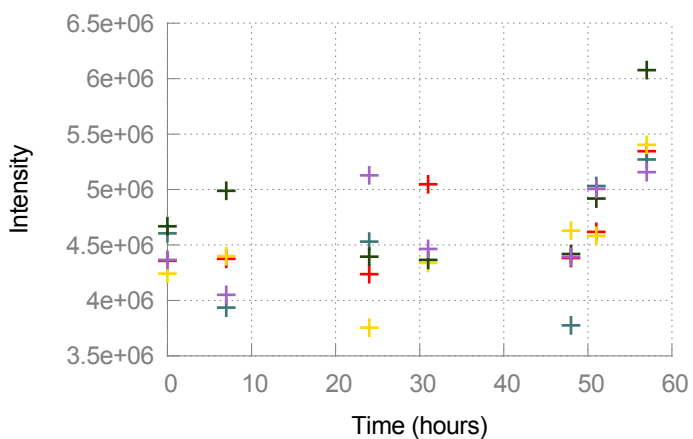
D-Glucuronolactone (-)



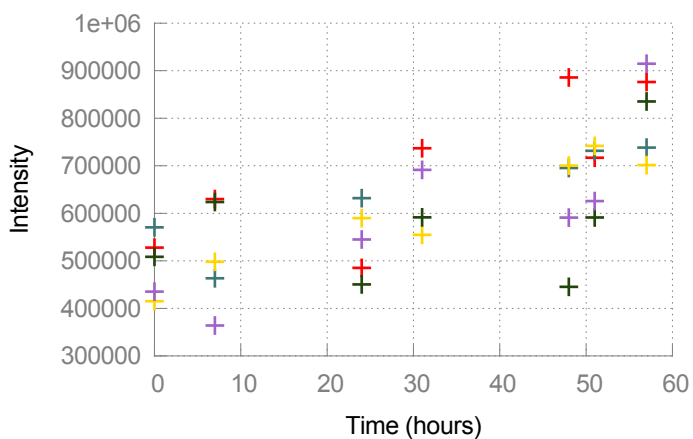
D-Ribose (-)



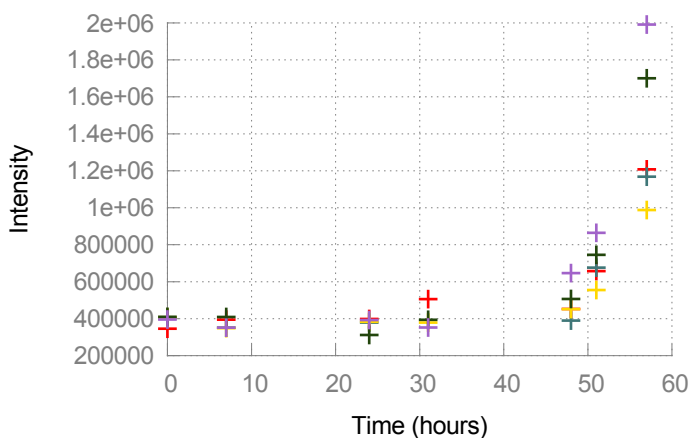
Fumarate (-)



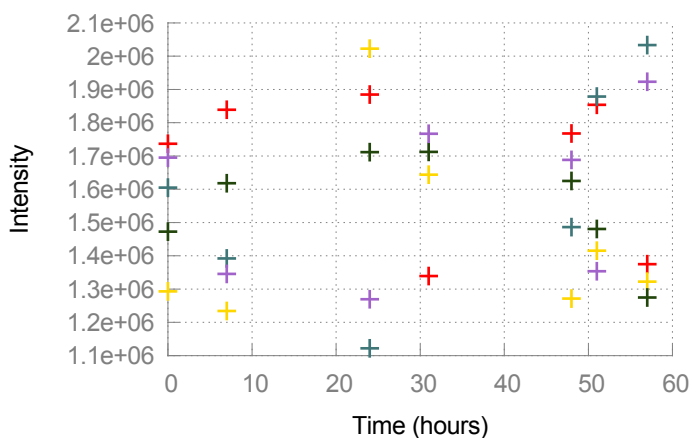
Itaconate (-)



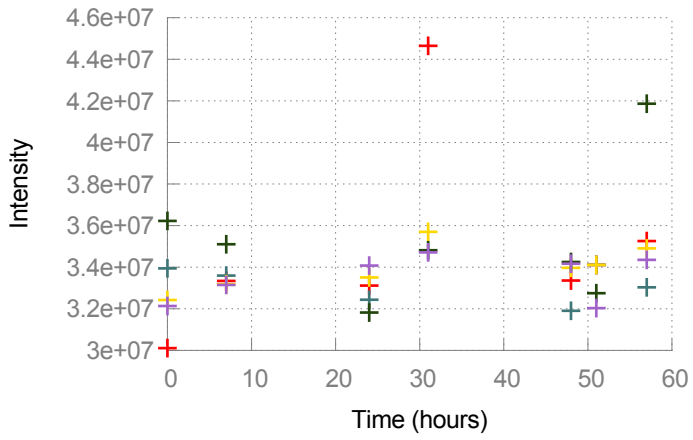
L-Gulono-1,4-lactone (-)



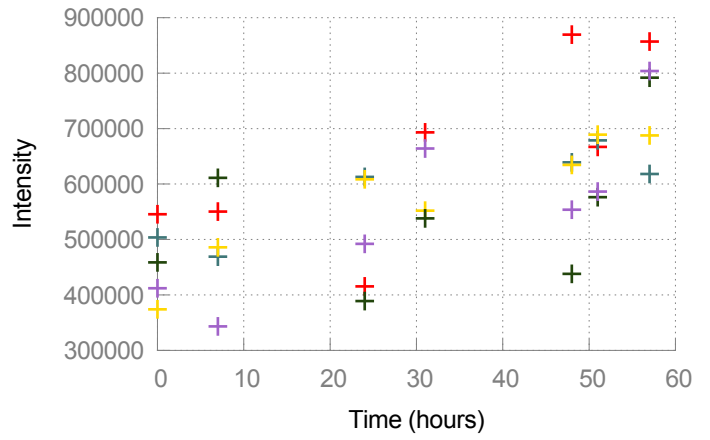
Maleic acid (-)



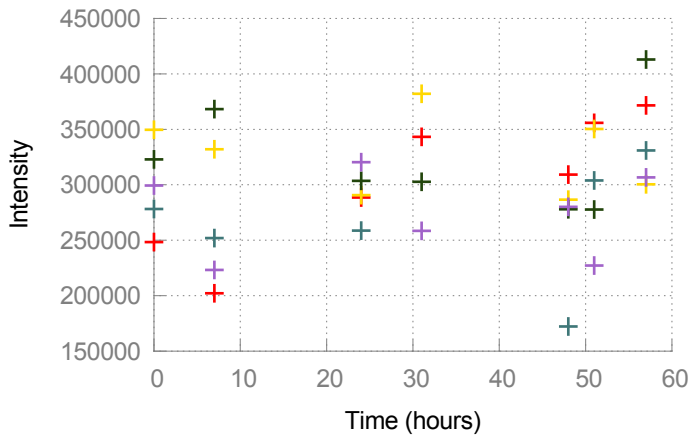
Malonate (-)



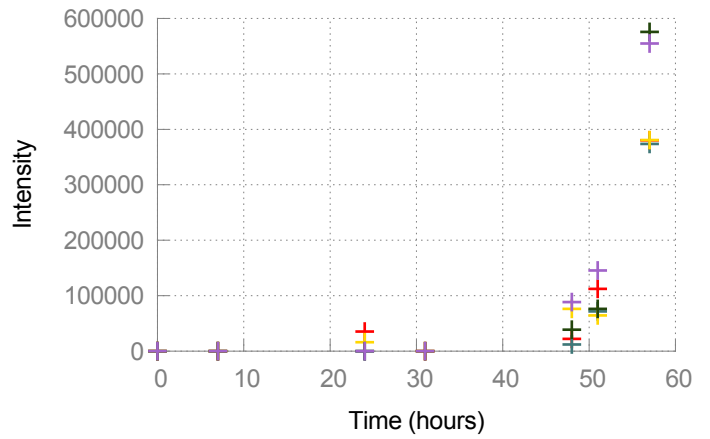
Mesaconate (-)



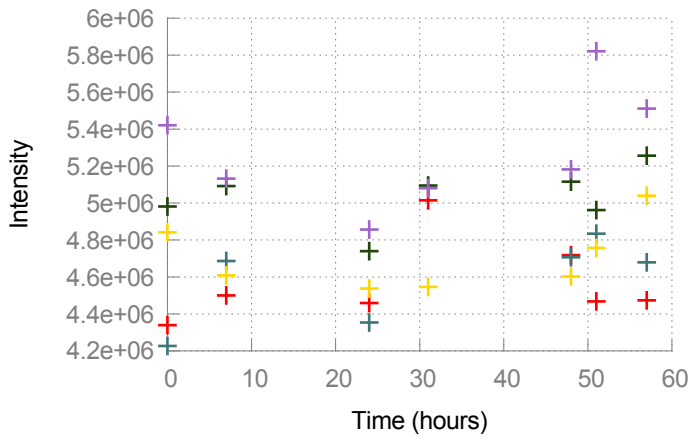
N-Acetylneuraminate (-)



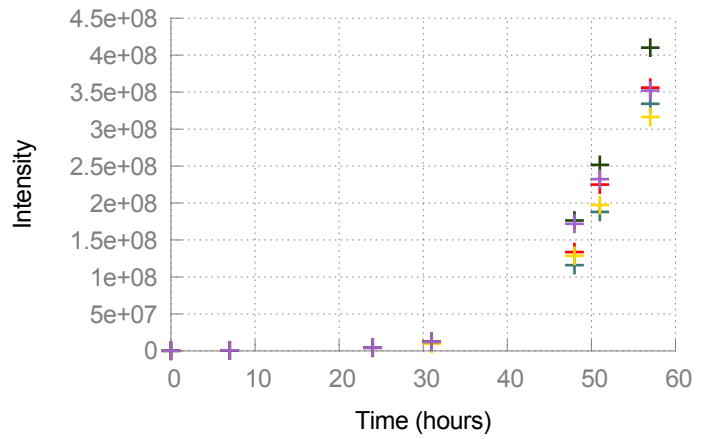
Orotate (-)



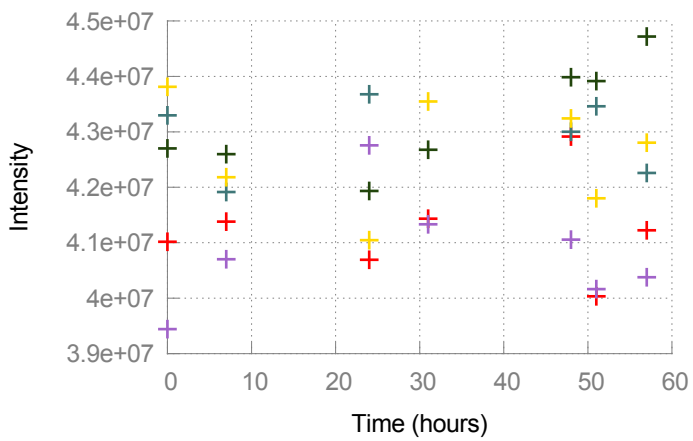
Oxalate (-)



Phenylpyruvate (-)



sn-Glycerol 3-phosphate (-)



sucrose (-)

