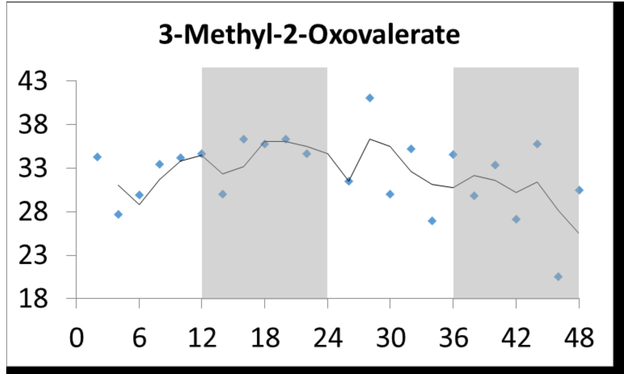
3-Methyl-2-Oxovalerate
43 38 33 28 23 18
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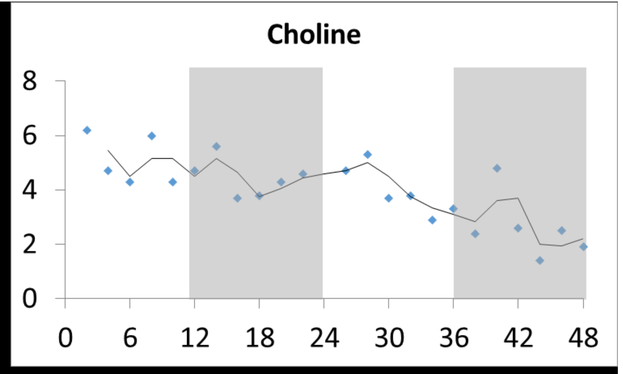
Choline
8 6 4 2 0
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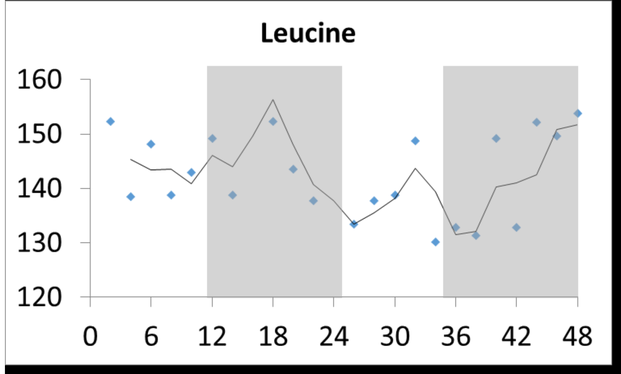
Leucine
160 150 140 130 120
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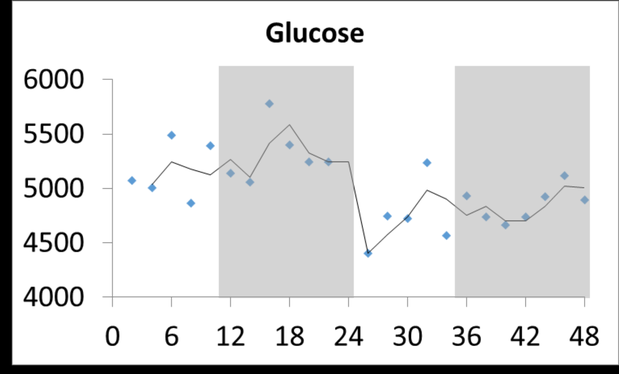
Glucose
6000 5500 5000 4500 4000
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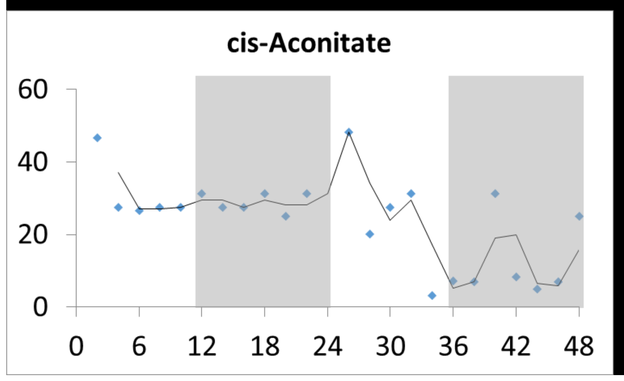
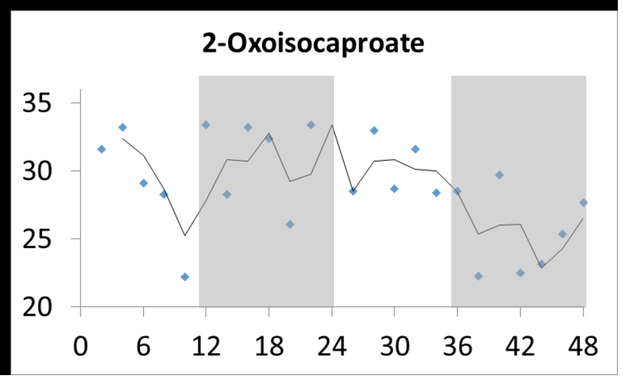

cis-Aconitate
60 40 20 0
0 6 12 18 24 30 36 42 48


2-Oxoisocaproate
35 30 25 20
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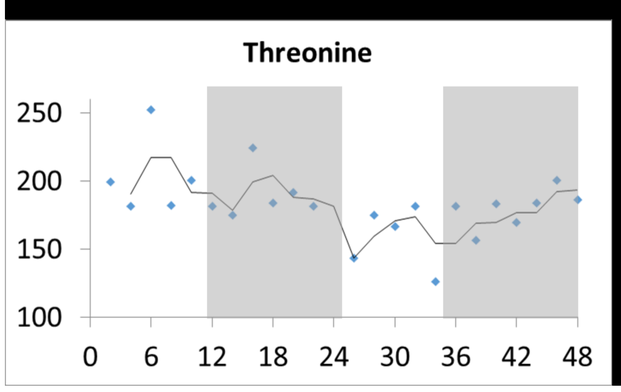
Threonine
250 200 150 100
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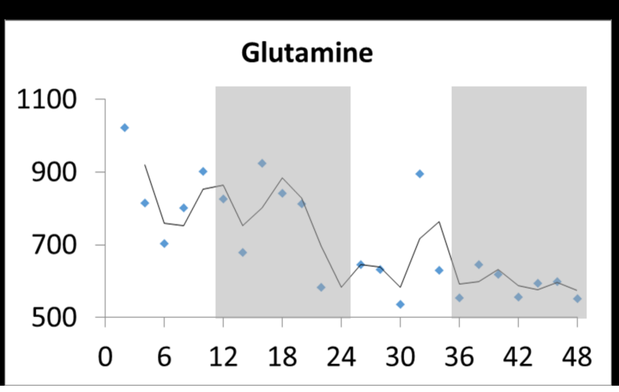
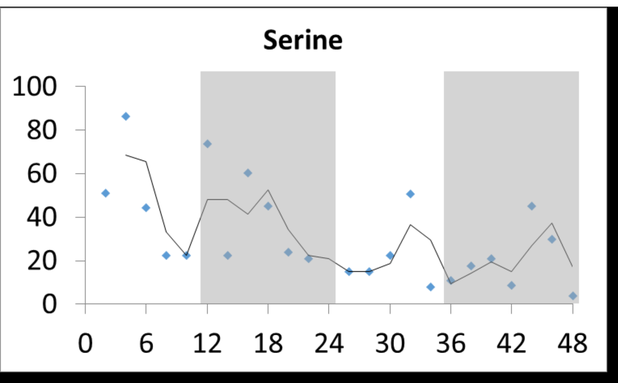
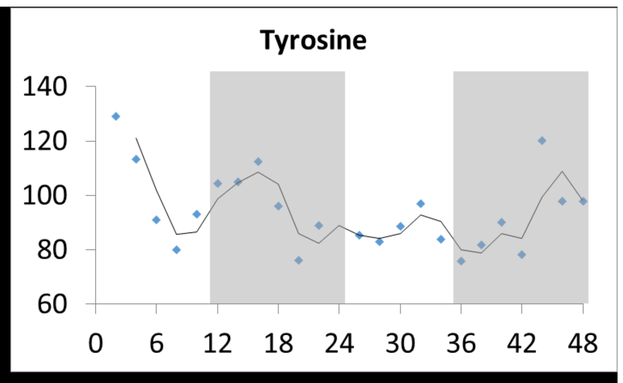
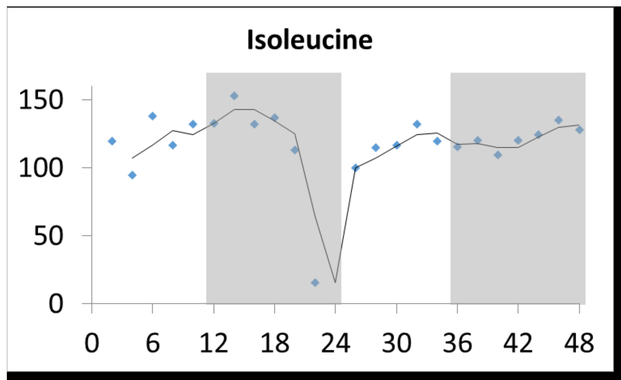
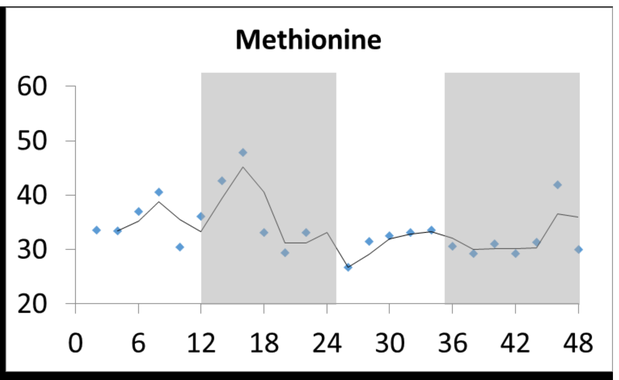

Glutamine
1100 900 700 500
0 6 12 18 24 30 36 42 48


Serine
100 80 60 40 20 0
0 6 12 18 24 30 36 42 48


Tyrosine
140 120 100 80 60
0 6 12 18 24 30 36 42 48


Isoleucine
150 100 50 0
0 6 12 18 24 30 36 42 48


Methionine
60 50 40 30 20
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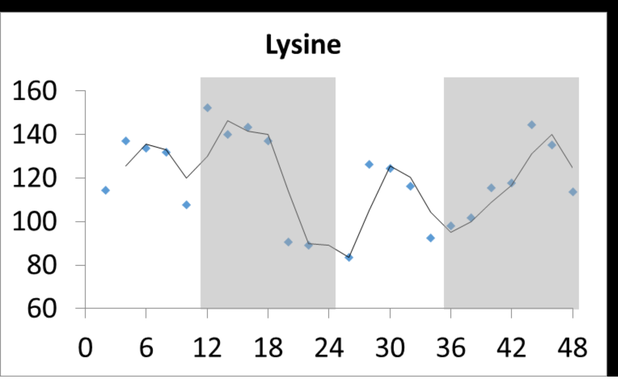
Lysine
160 140 120 100 80 60
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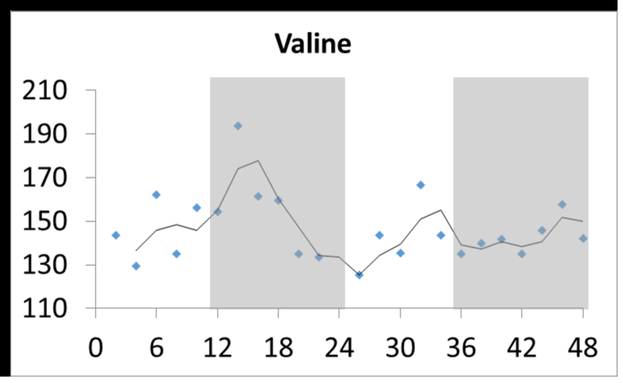
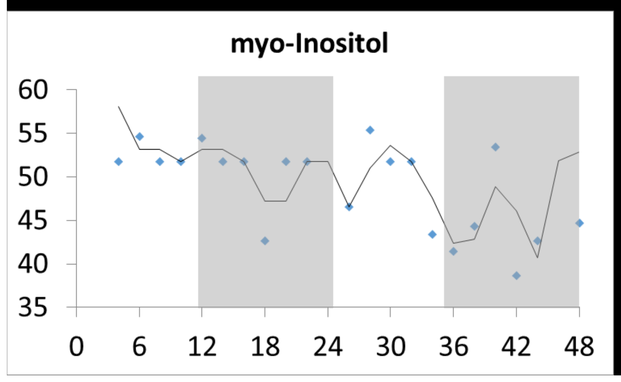

Valine
210 190 170 150 130 110
0 6 12 18 24 30 36 42 48


myo-Inositol
60 55 50 45 40 35
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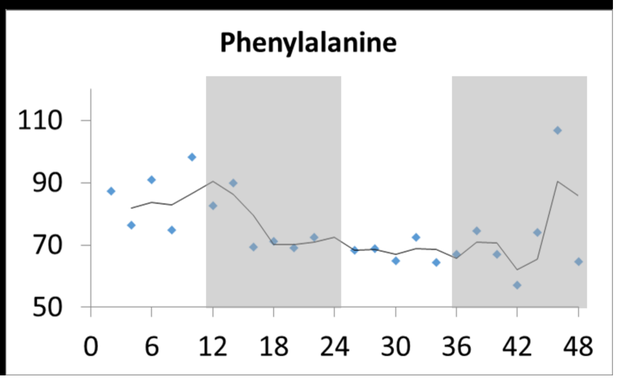
Phenylalanine
110 90 70 50
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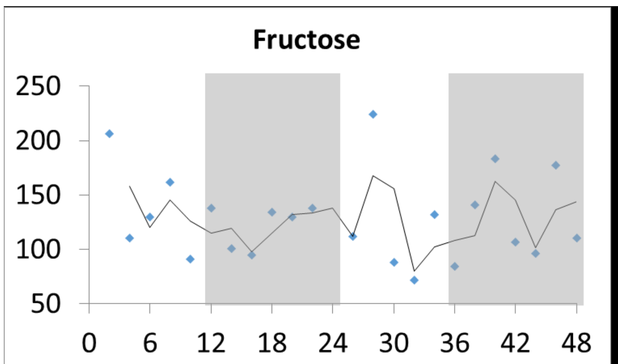
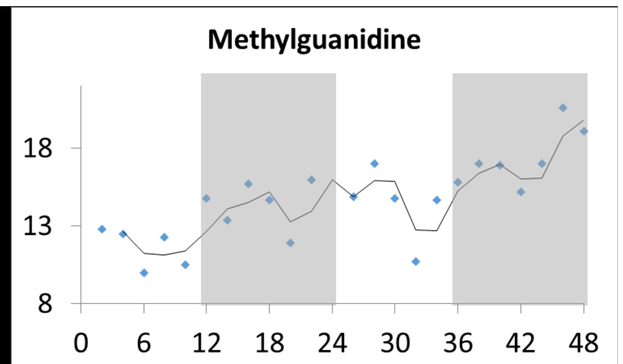
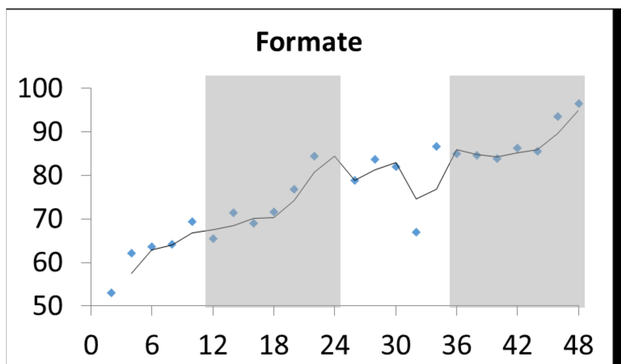
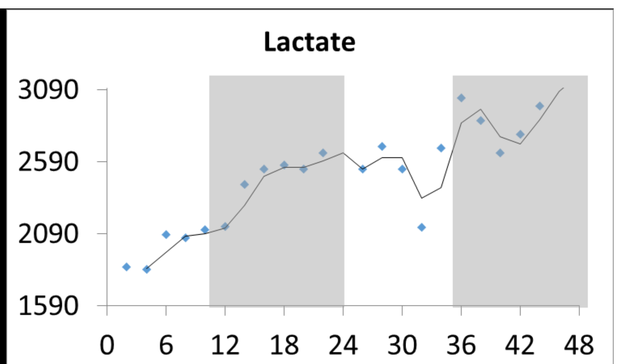
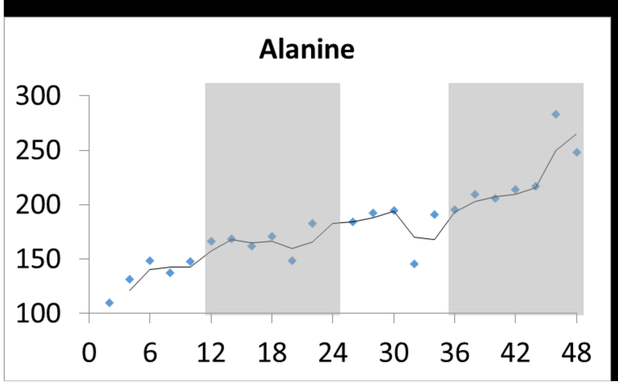
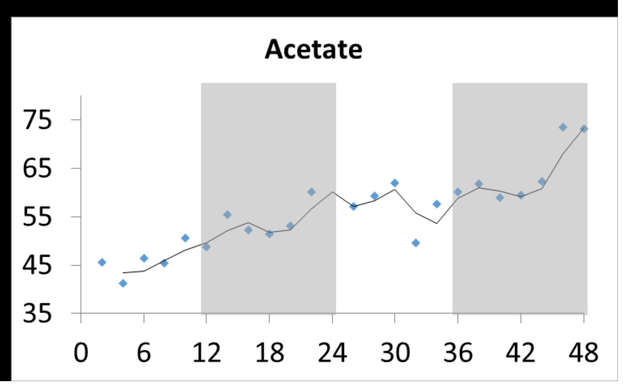

Fructose
250 200 150 100 50
0 6 12 18 24 30 36 42 48

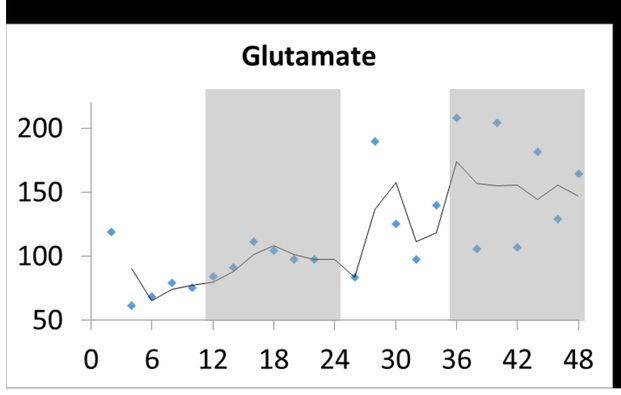

Methylguanidine
18 13 8
0 6 12 18 24 30 36 42 48


Formate
100 90 80 70 60 50
0 6 12 18 24 30 36 42 48


Lactate
3090 2590 2090 1590
0 6 12 18 24 30 36 42 48


Alanine
300 250 200 150 100
0 6 12 18 24 30 36 42 48


Acetate
75 65 55 45 35
0 6 12 18 24 30 36 42 48


Glutamate
200 150 100 50
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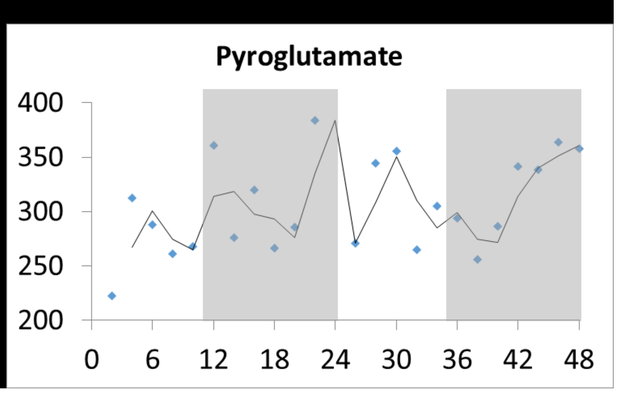
Pyroglutamate
400 350 300 250 200
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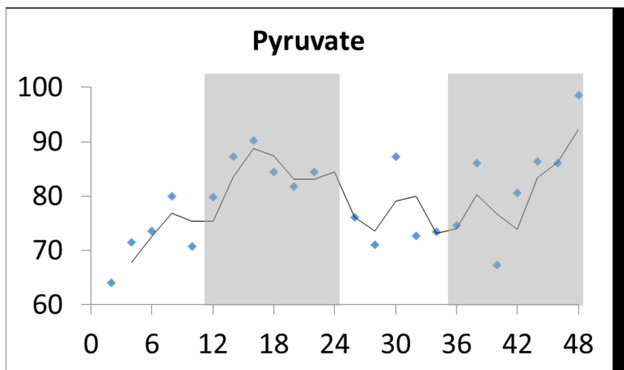
Pyruvate
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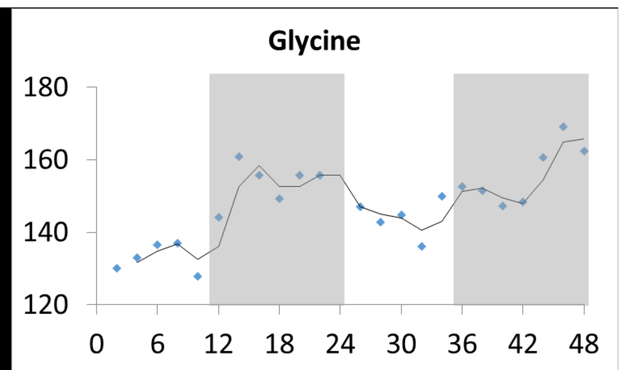
Glycine
180 160 140 120
0 6 12 18 24 30 36 42 48