Data Directory: /NERSC/output/240511_Run23_4proc/gen_0/gen_0_cand_2_data.json

SimLabel: gen_0_cand_2

Generation Rank: 5/27

burts_peak_targets: {'cutoff': 1250, 'big_bursts': {'target': 1616.784, 'max': 1955.749, 'min': 1252.317, 'width': 350716.0, 'num_target': 31.25, 'num_min': 0}, 'lil_bursts': {'target': 402.633, 'max': 1205.884, 'min': 723.599, 'width': 1080641.25, 'num_target': 68.75, 'num_min': 0}}
burst_peak_frequency: {'target': 0.11636363636363636, 'max': 1, 'min': 0}
IBI_targets: {'target': 8.79, 'width': 11070.0, 'max': 24.6}
baseline_targets: {'target': 294.444, 'max': 724.599, 'min': 0}
rate_slope: {'target': 0.002497512709074353}
sustained_osci: {'target': 90.90303232255916}
thresh_target: {'target': 718.115, 'max': 724.599}
rate_targets: {'E': {'target': 0.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

BigBurstVal_Fitness: {'Value': 8653.902111940062, 'Fit': 1000.0}
numBig_Fitness: {'Value': 6, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness: {'Value': None, 'Fit': 1000}
numSmall_Fitness: {'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness: {'Value': 0.4081632653061224, 'Fit': 1.3388347270312633}
IBI_fitness: {'Value': 2.2399999999999998, 'Fit': 1.0005918646855756}
baseline_fitness: {'Value': 7538.928499702213, 'Fit': 1000}
slopeFitness: {'Value': 1.4488921866394986, 'Fit': 4.247772270785199}
thresh: {'Value': 7314.209214562259, 'Fit': 1000}
sustain_oscillation_fitness: {'Value': 88.74172185430463, 'Fit': 8.682508357938584}
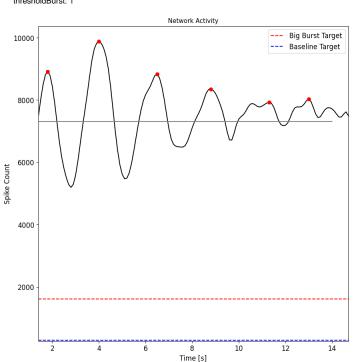E_rate_fitness: {'Value': 1.6666666666666665, 'Fit': 2.2018545883903475}
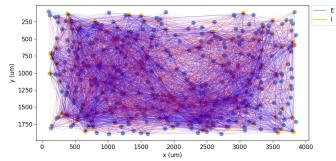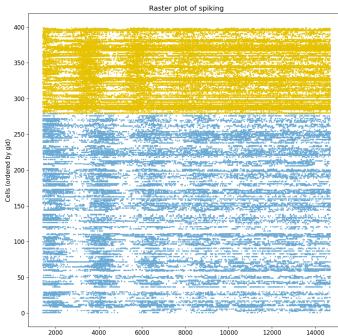I_rate_fitness: {'Value': 23.324074074074073, 'Fit': 1000}
maxFitness: 1000
average_fitness: 584.7892968174026
average_scaled_fitness: 0.5843734242469569

binSize: 0.1
gaussianSigma: 0.15
thresholdBurst: 1