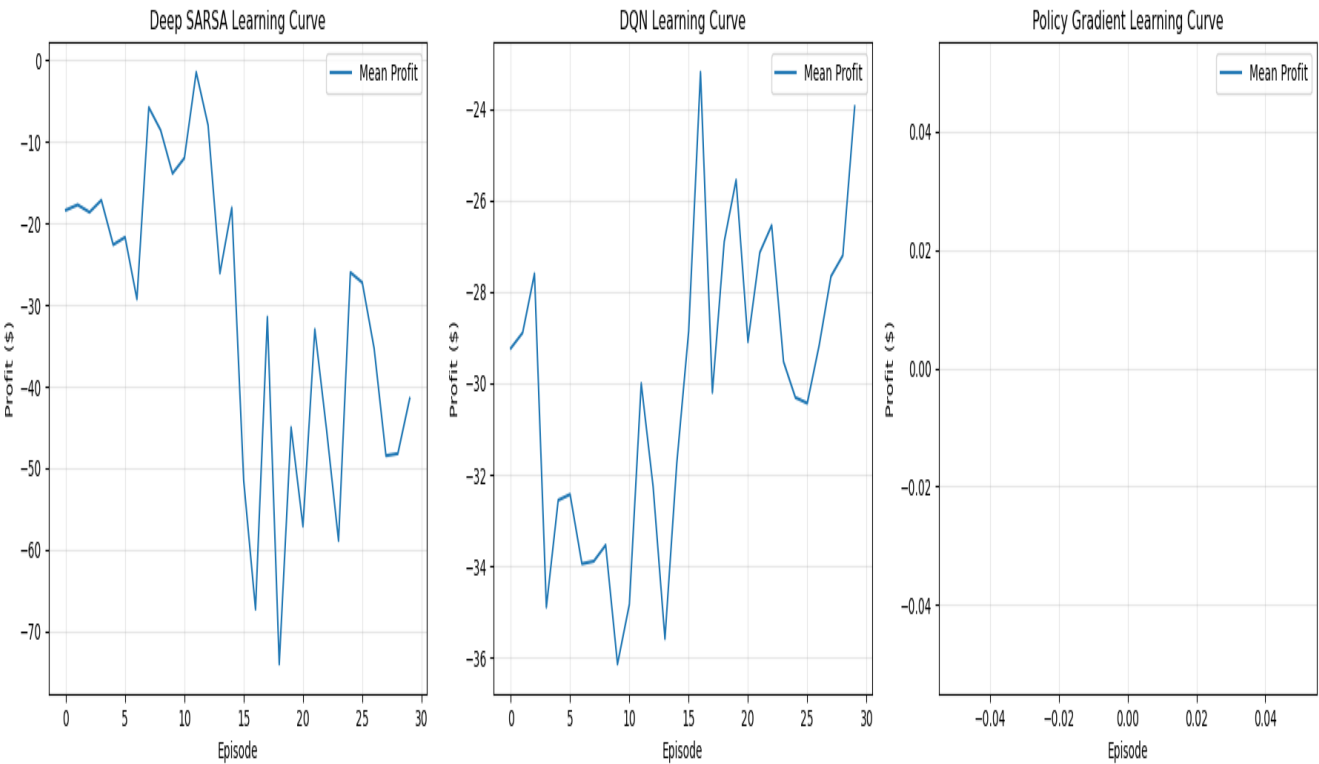# Training Results for GAS Bad Period

Hyperparameters:

Episodes: 30 Gamma: 0.6 Alpha: 0.7 Epsilon Start: 0.8 Epsilon Min: 0.2 Epsilon Decay: 0.9 NN
Epochs: 10 NN LR: 1e-05 Enabled Agents: [1, 1, 1]
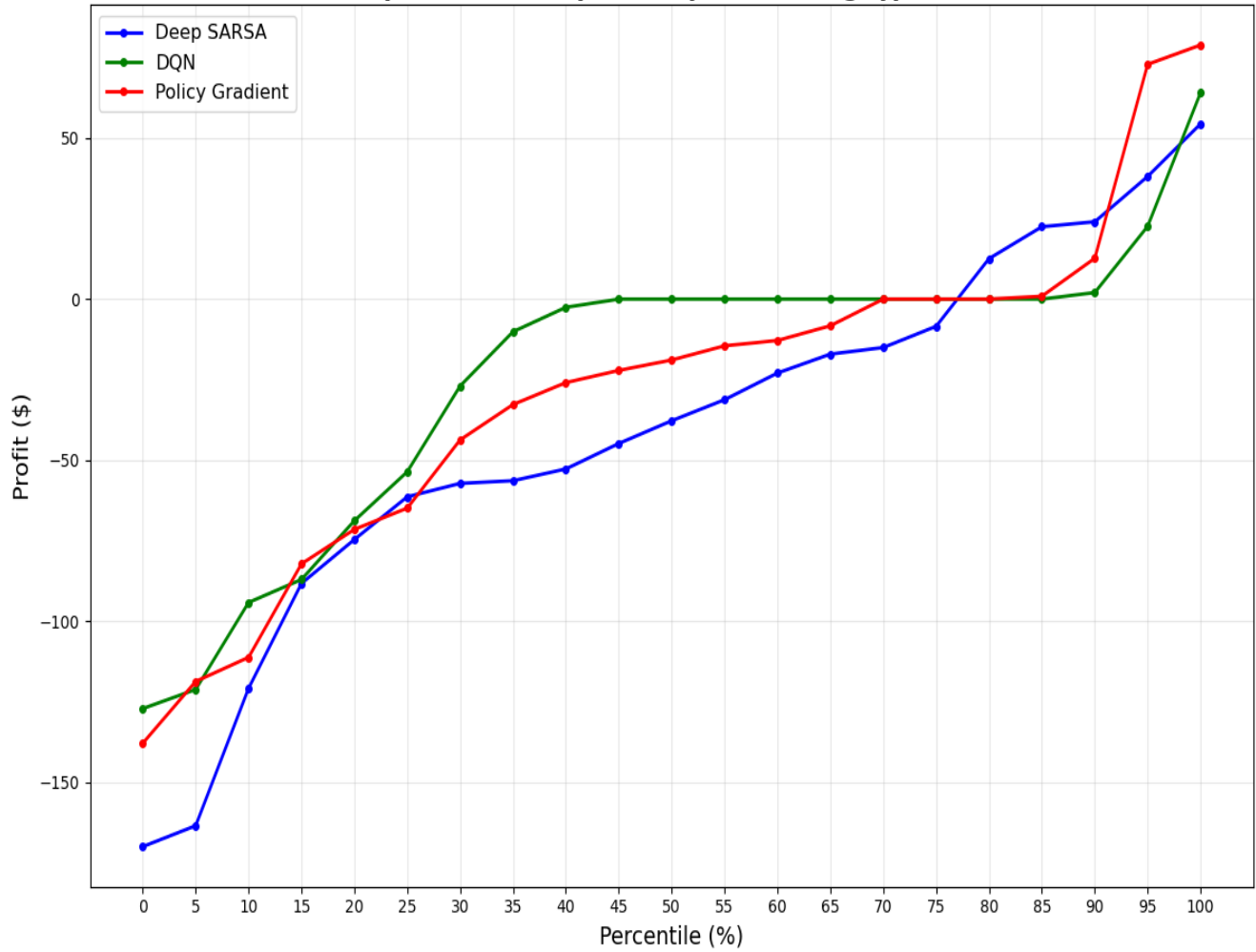
Training Results:

Agent	Average Final Profit	Best Profit	Worst Profit	Peak Training Profit	ROI	Annual Return Rate	Total Ret
p SARSA	$-41.48 ± $58.71	$54.43	$-170.05	$-1.48	-4.15%	-2.11%	-4.1
DQN	$-23.96 ± $48.28	$64.12	$-127.19	$-23.20	-2.40%	-1.22%	-2.4
y Gradient	$-28.59 ± $54.30	$78.93	$-137.94	N/A	-2.86%	-1.45%	-2.8
Policy Baseline	$-28.59 ± $54.30	N/A	N/A	N/A	-2.86%	-1.45%	-2.8

Learning Curves:

Profit Percentiles:

Độ biến thiên hiệu suất qua mỗi vòng lặp - FPT

Portfolio Value Over Time:

Portfolio Value Over Time - GAS Bad Period