

Technical report by sample - Percentage of total photons:

(color coded titles refer to their respective line on the spectral chart)

	Cu	Zn	Sn	Pb	Fe	Ba	Ag	Hg
CENTER OF BACK	96.499%	0.820%	2.329%	0.058%	0.128%	0.021%	0.006%	0.140%
FRONT SHOULDER LEFT	95.802%	1.003%	2.371%	0.104%	0.375%	0.040%	0.013%	0.292%
NECK	94.925%	1.785%	2.387%	0.106%	0.543%	0.035%	0.009%	0.210%
TAIL	95.591%	1.123%	2.390%	0.129%	0.278%	0.025%	0.013%	0.452%
PR BACK	95.972%	0.868%	2.335%	0.131%	0.374%	0.040%	0.013%	0.267%

Stalking Panther Large, Montreal Museum of Fine Art

Trace amounts of iron, barium, silver, and mercury are present on all sample test spots.

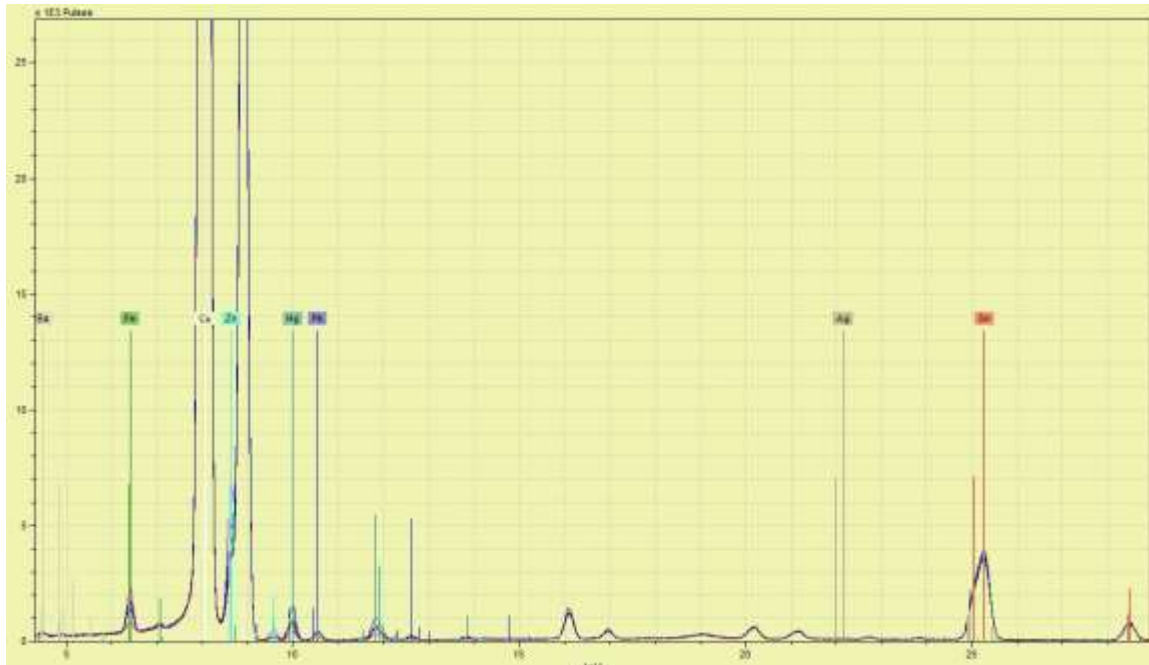
There are higher proportions of zinc and iron on the test spot "NECK."

There is a higher proportion of mercury on the test spot "TAIL."

There is a higher proportion of copper and lower proportions of the other trace elements on the test spot "CENTER OF BACK."

Copper-tin-zinc alloy with iron-lead-mercury patina.

This bronze is chemically identical to "Large Stalking Panther, Smithsonian American Art Museum A, 15." It can be concluded that they were cast and patinated on the same day at the same location.



Stalking Panther Large, Montreal Museum of Fine Art; Spectrum Image