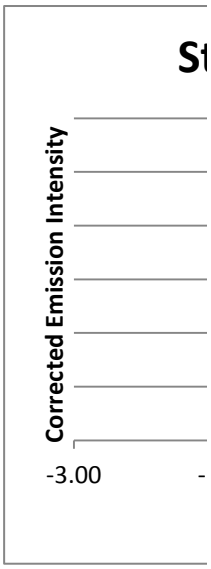
Zinc, Standard Addition, 1.0000 gram samples in final volume of 0.10000 L
213.856 nm
Sediment

	Added Standard Concentation (ppm)	Emission Intensity, Corrected
	0.00	44295.4
	0.50	55944.9
	1.00	66220.6
	2.50	100728.1
Intercept	44276.00	
Slope	22521.00	
Conc ppm	**1.966**	

Sediment concentration =
(1.966mg/L x 0.100L)/0.001000kg **197 mg/kg**



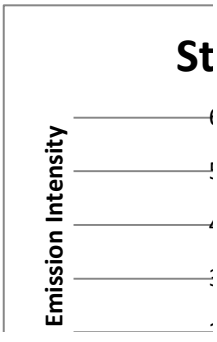
Copper Standard Addition, 1.0000 gram samples in final volume of 0.10000 L
324.754 nm
Sediment

	Added Standard Concentation (ppm)	Emission Intensity, Corrected
	0.00	206319.3
	0.20	249192.7
	0.40	289150.7
	1.00	427113.2
Intercept	204443.00	
Slope	221253.00	
Conc ppm	**0.924**	

Sediment concentration =
(0.924 mg/L x 0.100L)/0.001000kg **92.4 mg/kg**

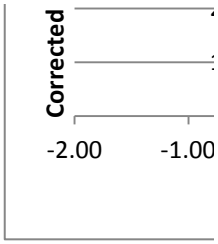
Pb Standard Addition, 1.0000 gram samples in final volume of 0.10000 L
220.353 nm
Sediment

	Added Standard Concentation (ppm)	Emission Intensity, Corrected
	0.00	4680.8
	1.00	14769.8
	2.00	22877.0
	5.00	50504.1



Intercept	5010.70
Slope	9098.60
Conc ppm	**0.551**

Sediment concentration =
(0.551 mg/L x 0.100L)/0.001000kg **55.1 mg/kg**

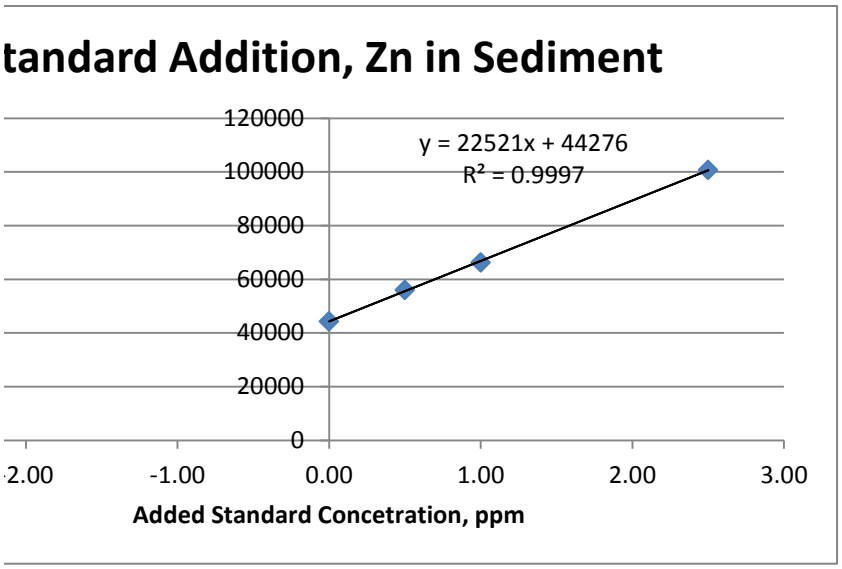


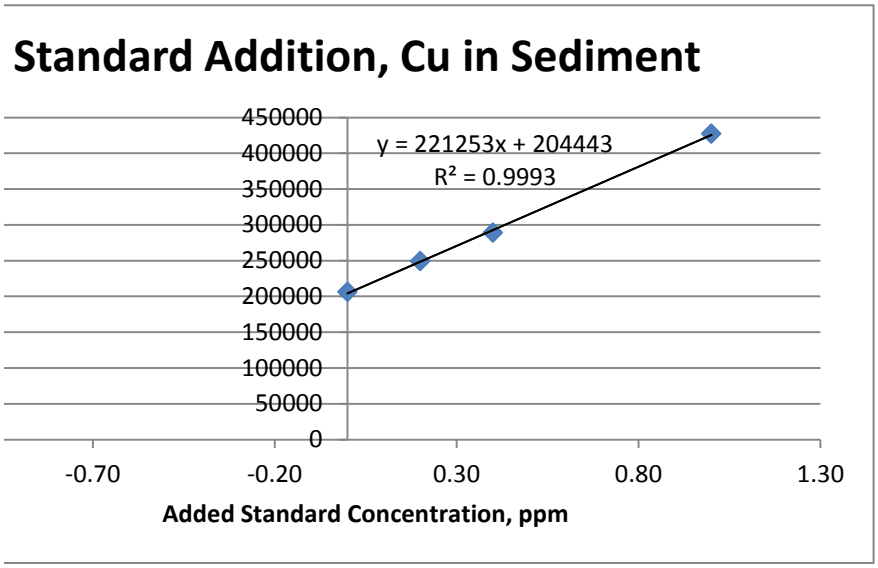
Cr Standard Addition, 1.0000 gram samples in final volume of 0.10000 L
205.552
Sediment

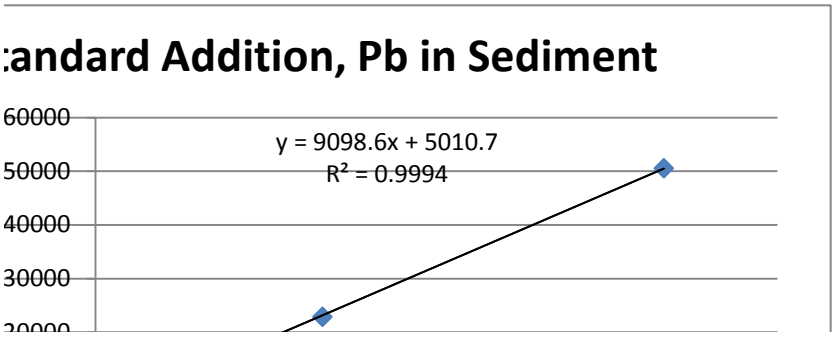
Added Standard Concentation (ppm)	**Emission Intensity, Corrected**
0.00	230643.2
0.50	368760.8
1.00	504632.8
2.50	929939.3

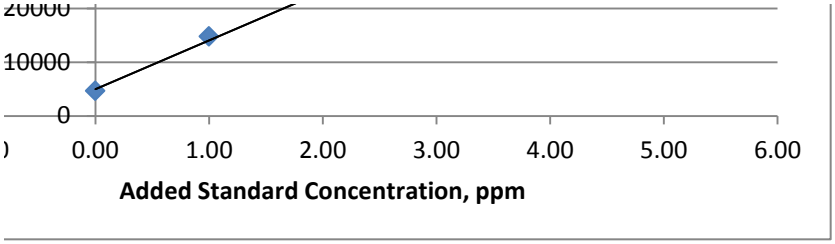
Intercept	228527.00
Slope	279967.00
Conc ppm	**0.816**

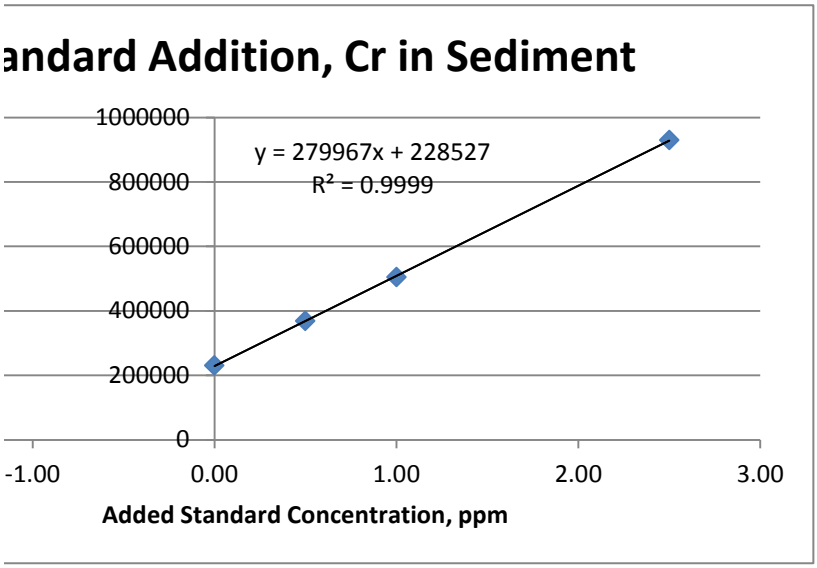
Sediment concentration =
(0.816 mg/L x 0.100L)/0.001000kg **81.6 mg/kg**


tandard Addition, Zn in Sediment
120000
100000
80000
60000
40000
20000
0
y = 22521x + 44276
R² = 0.9997
2.00
-1.00
0.00
1.00
2.00
3.00
Added Standard Concetration, ppm


Standard Addition, Cu in Sediment
450000
400000
350000
300000
250000
200000
150000
100000
50000
0
y = 221253x + 204443
R² = 0.9993
-0.70
-0.20
0.30
0.80
1.30
Added Standard Concentration, ppm


:andard Addition, Pb in Sediment
60000
50000
40000
30000
y = 9098.6x + 5010.7
R² = 0.9994

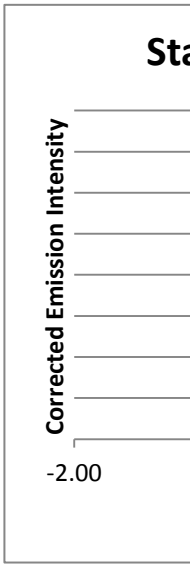

20000
10000
0
0.00
1.00
2.00
3.00
4.00
5.00
6.00
Added Standard Concentration, ppm


andard Addition, Cr in Sediment
1000000
800000
600000
400000
200000
0
y = 279967x + 228527
R² = 0.9999
-1.00
0.00
1.00
2.00
3.00
Added Standard Concentration, ppm

Zn Standard Addition, 1.0000 gram samples in final volume of 0.10000 L
213.856 nm
Suspended Solids

	Added Standard Concentation (ppm)	Emission Intensity, Corrected
	0.00	15790.4
	0.50	26554.2
	1.00	38047.0
	2.50	70774.3
Intercept	15765.00	
Slope	22027.00	
Conc ppm	**0.716**	

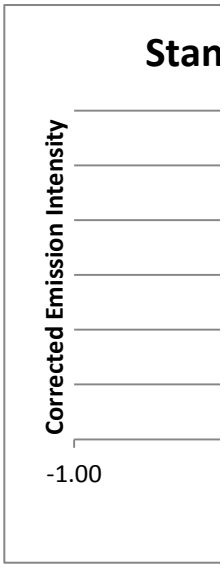
Suspended solid concentration =
(0.716mg/L x 0.100L)/0.001000kg **71.6 mg/kg**



Cu Standard Addition, 1.0000 gram samples in final volume of 0.10000 L
324.754 nm
Suspended Solids

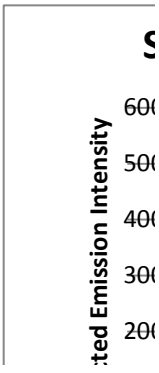
	Added Standard Concentation (ppm)	Emission Intensity, Corrected
	0.00	53420.1
	0.20	97659.6
	0.40	143251.9
	1.00	273617.2
Intercept	53937.00	
Slope	220126.00	
Conc ppm	**0.245**	

Suspended solid concentration =
(0.245mg/L x 0.100L)/0.001000kg **24.5 mg/kg**

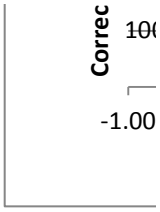


Pb Standard Addition, 3.0000 gram samples in final volume of 0.10000 L
220.353 nm
Suspended Solids

	Added Standard Concentation (ppm)	Emission Intensity, Corrected
	0.00	5423.9
	1.00	14426.4
	2.00	24190.7
	5.00	51019.3
Intercept	5510.30	
Slope	9127.40	



Conc ppm	**0.604**	
Suspended solid concentration = (0.604mg/L x 0.100L)/0.003000kg		**20.1 mg/kg**

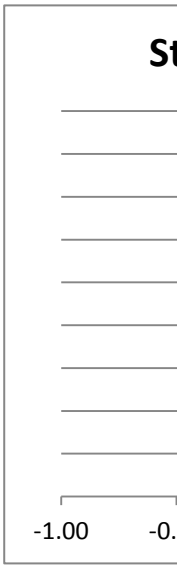


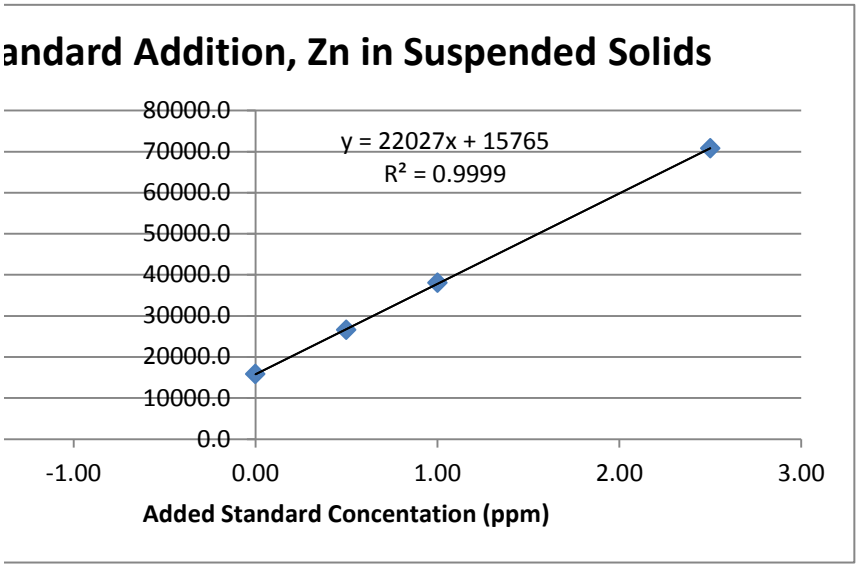
Cr Standard Addition, 1.0000 gram samples in final volume of 0.10000 L
205.552 nm
Suspended Solids

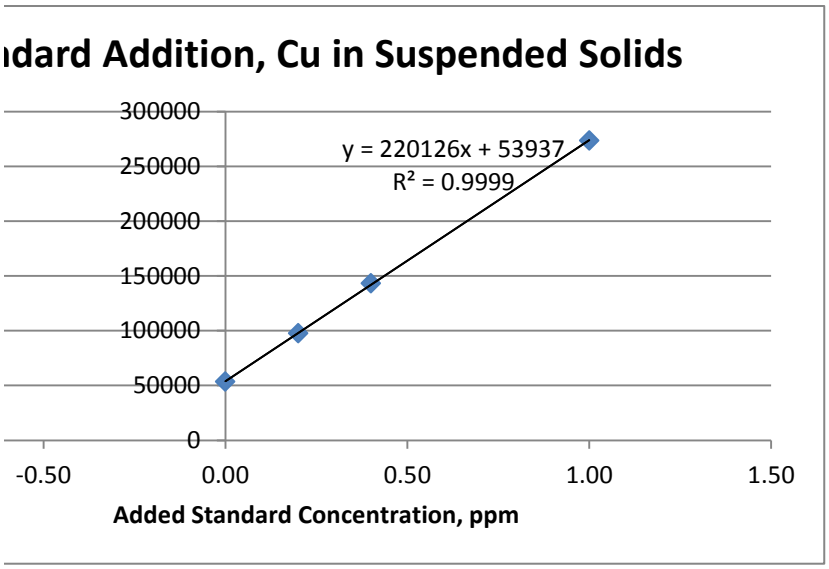
Added Standard Concentation (ppm)	**Emission Intensity, Corrected**
0.00	57927.9
0.50	207161.4
1.00	338264.3
2.50	768410.5

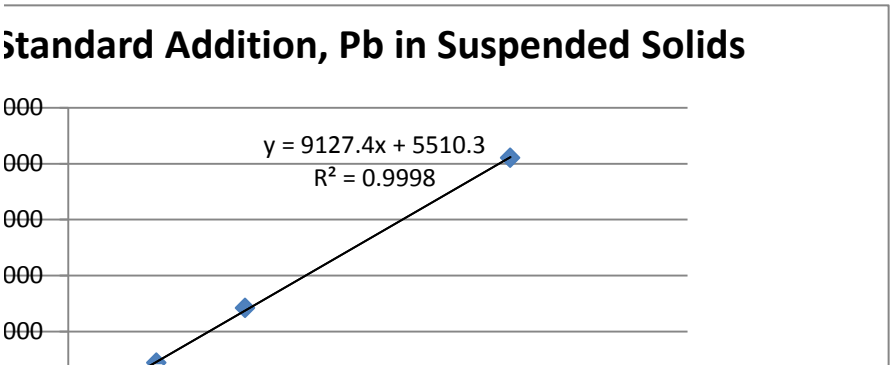
Intercept	59768.00
Slope	283173.00
Conc ppm	**0.211**

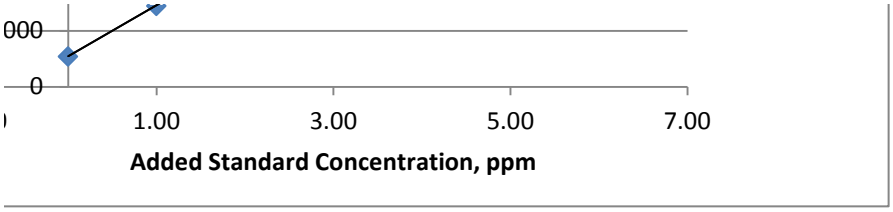
Suspended solid concentration = (0.211mg/L x 0.100L)/0.001000kg	**21.1 mg/kg**

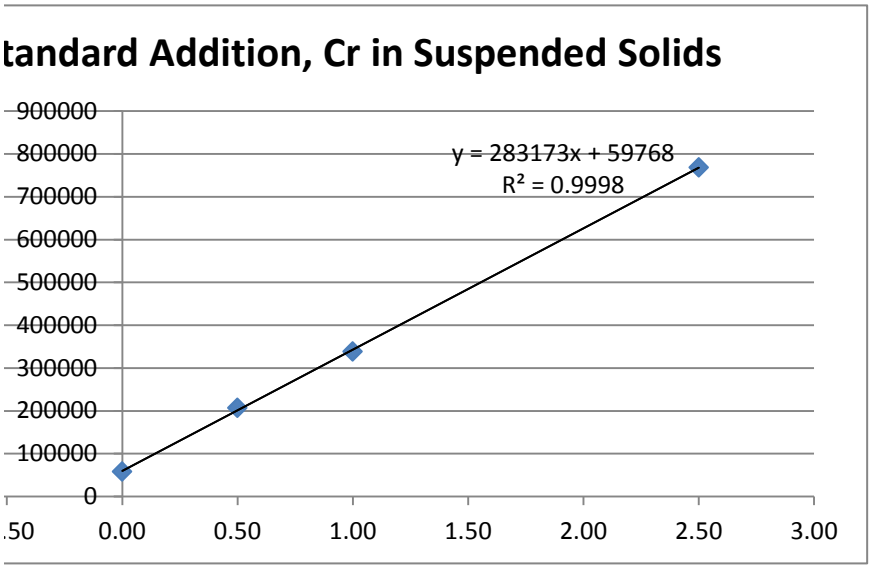



andard Addition, Zn in Suspended Solids
80000.0
70000.0
60000.0
50000.0
40000.0
30000.0
20000.0
10000.0
0.0
y = 22027x + 15765
R² = 0.9999
-1.00
0.00
1.00
2.00
3.00
Added Standard Concentation (ppm)


ıdard Addition, Cu in Suspended Solids
300000
250000
200000
150000
100000
50000
0
y = 220126x + 53937
R² = 0.9999
-0.50
0.00
0.50
1.00
1.50
Added Standard Concentration, ppm


Standard Addition, Pb in Suspended Solids
000
000
000
000
000
y = 9127.4x + 5510.3
R² = 0.9998


000
0
1.00
3.00
5.00
7.00
Added Standard Concentration, ppm


tandard Addition, Cr in Suspended Solids
900000
800000
700000
600000
500000
400000
300000
200000
100000
0
y = 283173x + 59768
R² = 0.9998
.50
0.00
0.50
1.00
1.50
2.00
2.50
3.00