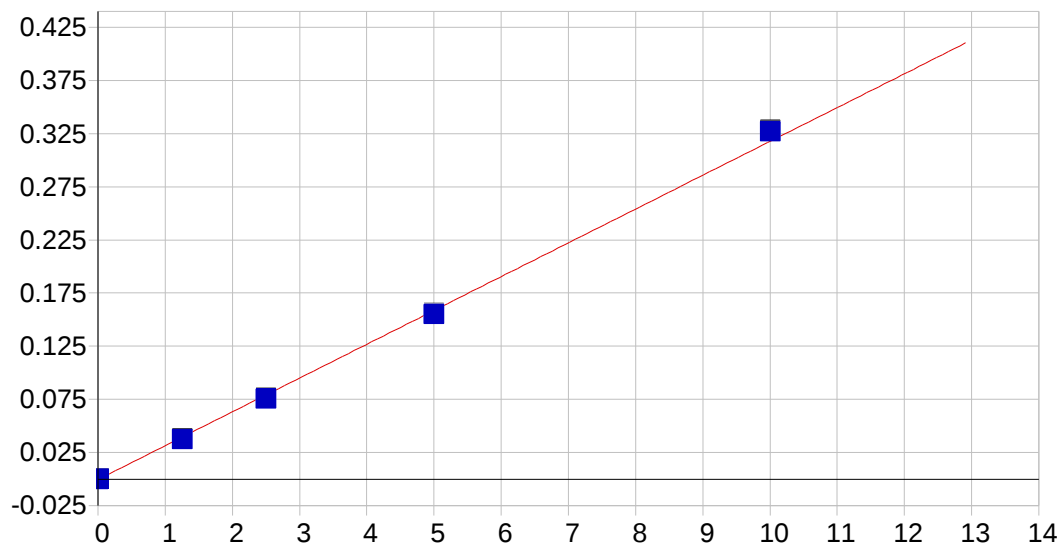




As 189.042 {479}

Date of Fit: 8/20/2018 17:04:29

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000370

Re-Slope: 1.000000

A1 (Gain): 0.031806

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999475

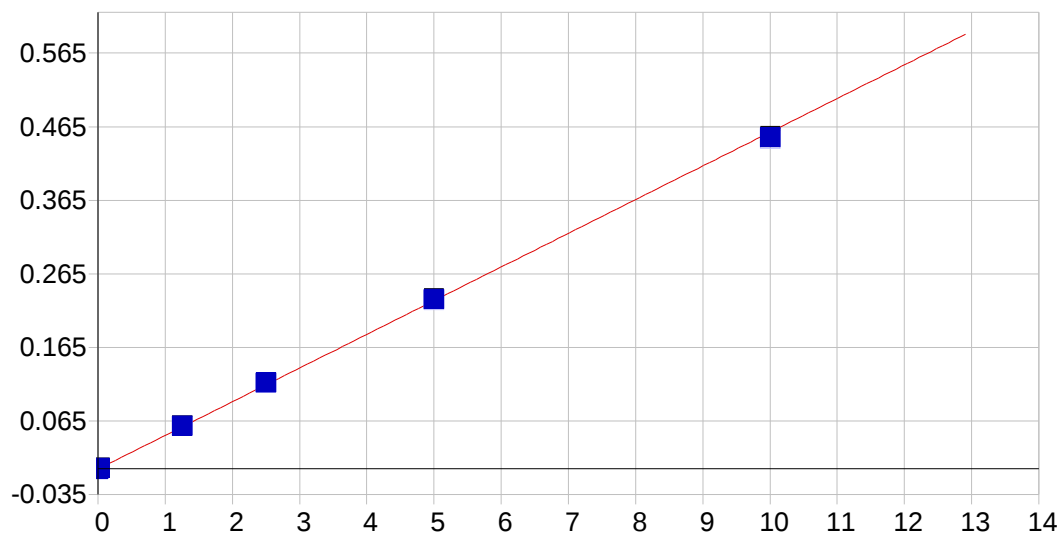
Status: OK.

Std Error of Est: 0.000017

Predicted MDL: 0.004731

Predicted MQL: 0.015769

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00037	.000	1
S1	.01000	.01286	.003	28.6	.00004	.000	1
S2	1.2500	1.1869	-.063	-5.04	.03748	.000	1
S3	2.5000	2.3879	-.112	-4.48	.07577	.000	1
S4	5.0000	4.8861	-.114	-2.28	.15541	.001	1
S5	10.000	10.286	.286	2.86	.32754	.001	1

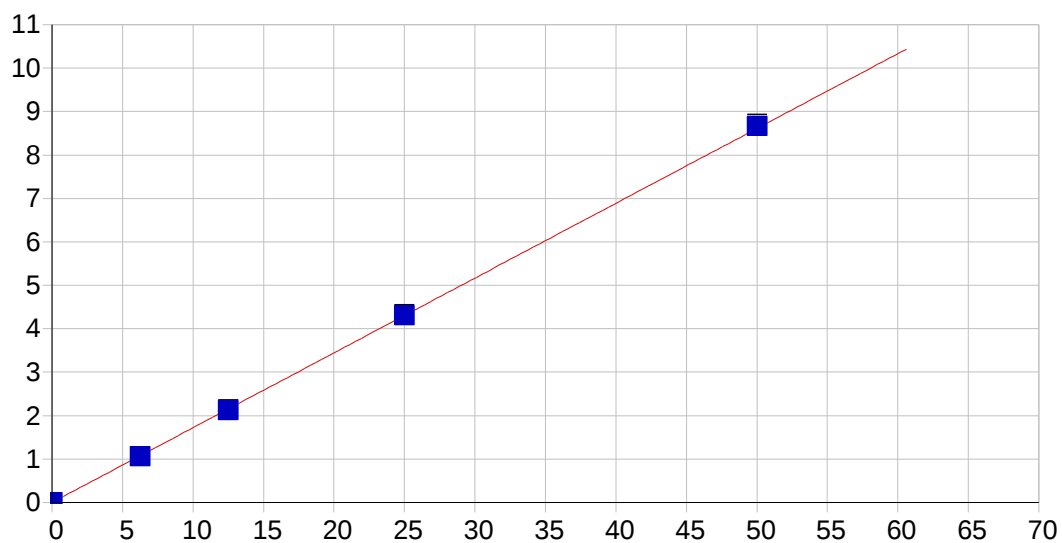


TI 190.856 {477}

Date of Fit: 8/20/2018 17:04:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000513 Re-Slope: 1.000000
 A1 (Gain): 0.045803 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999846 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.002921
 Predicted MQL: 0.009737

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00051	.000	1
S1	.02500	.02803	.003	12.1	.00075	.000	1
S2	1.2500	1.2871	.037	2.97	.05810	.000	1
S3	2.5000	2.5652	.065	2.61	.11629	.001	1
S4	5.0000	5.0421	.042	.843	.22905	.001	1
S5	10.000	9.8526	-.147	-1.47	.44799	.001	1

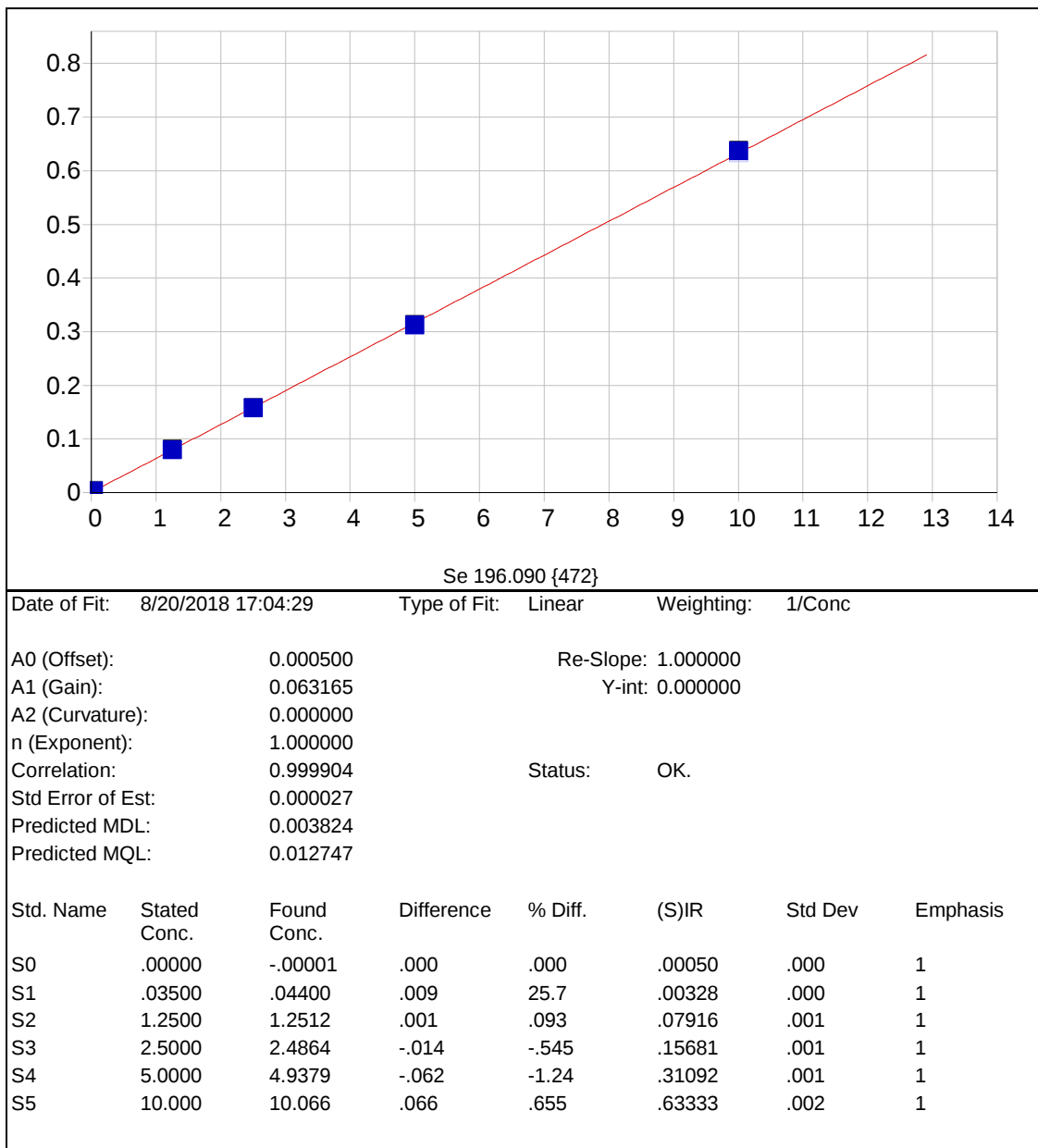


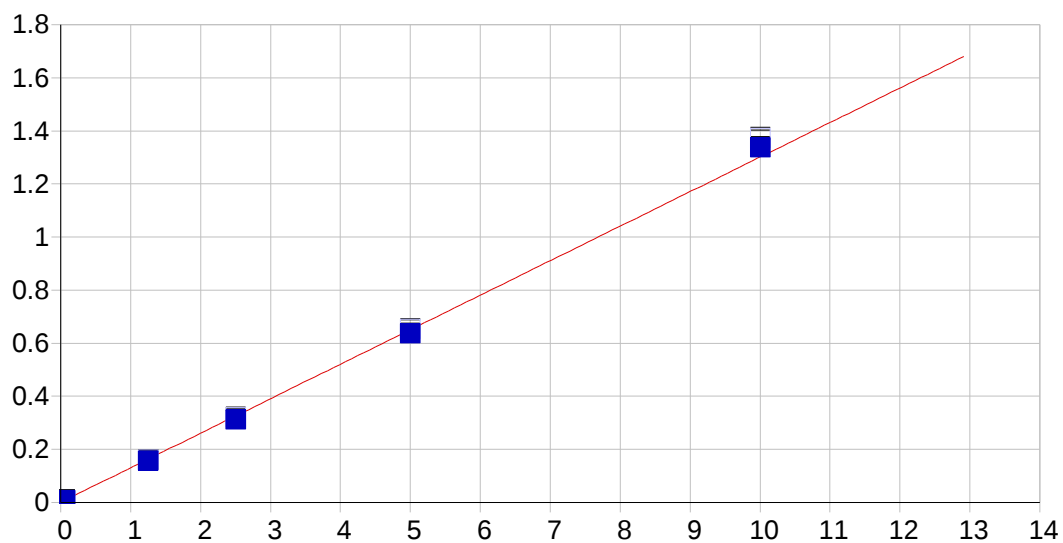
Pb 220.353 {453}

Date of Fit: 8/20/2018 17:04:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000319 Re-Slope: 1.000000
 A1 (Gain): 0.172203 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960 Status: OK.
 Std Error of Est: 0.000058
 Predicted MDL: 0.002078
 Predicted MQL: 0.006925

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00032	.000	1
S1	.01000	.00984	.000	-1.61	.00202	.000	1
S2	6.2500	6.1264	-.124	-1.98	1.0568	.005	1
S3	12.500	12.309	-.191	-1.53	2.1229	.011	1
S4	25.000	24.982	-.018	-.071	4.3083	.019	1
S5	50.000	50.333	.333	.666	8.6797	.036	1



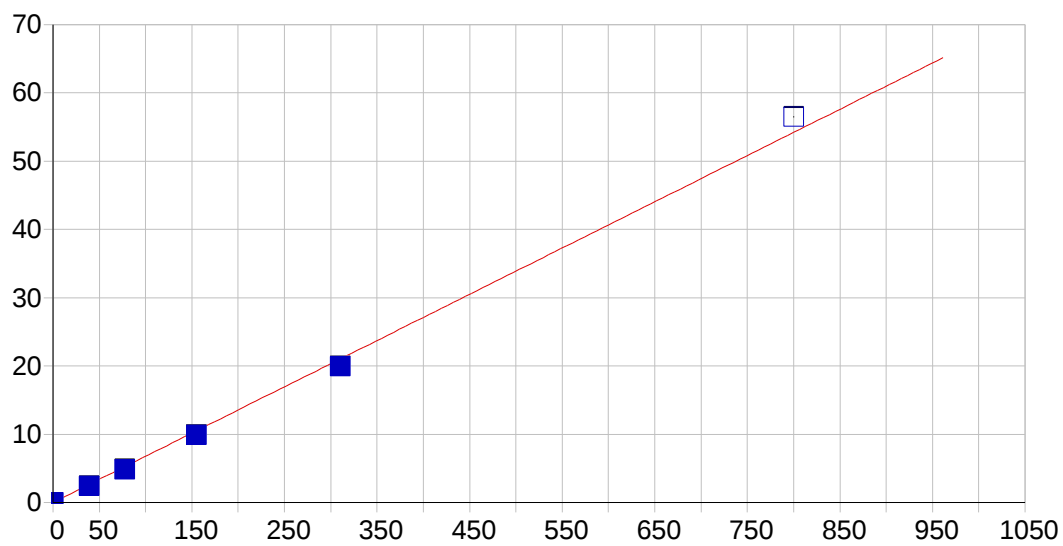


Sb 206.833 {463}

Date of Fit: 8/20/2018 17:04:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000730 Re-Slope: 1.000000
 A1 (Gain): 0.130045 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999563 Status: OK.
 Std Error of Est: 0.000162
 Predicted MDL: 0.002120
 Predicted MQL: 0.007067

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00073	.000	1
S1	.06000	.06439	.004	7.32	.00910	.000	1
S2	1.2500	1.1984	-.052	-4.13	.16101	.001	1
S3	2.5000	2.3904	-.110	-4.39	.32044	.001	1
S4	5.0000	4.8846	-.115	-2.31	.65366	.002	1
S5	10.000	10.272	.272	2.72	1.3720	.005	1

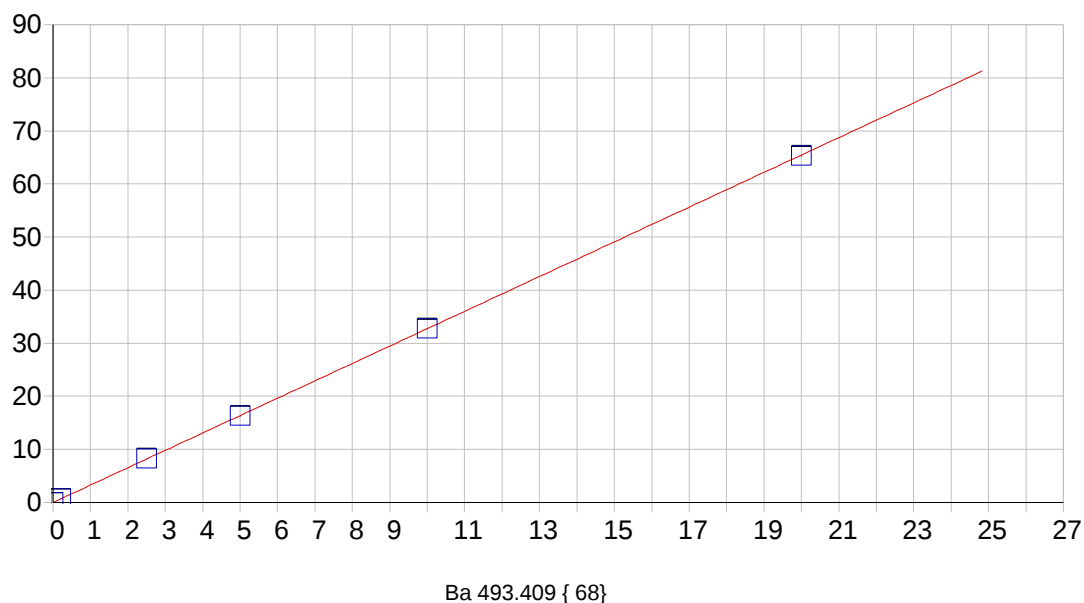


AI 396.152 { 85}

Date of Fit: 8/20/2018 17:04:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004574 Re-Slope: 1.000000
 A1 (Gain): 0.067770 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998780 Status: OK.
 Std Error of Est: 0.002084
 Predicted MDL: 0.018157
 Predicted MQL: 0.060522

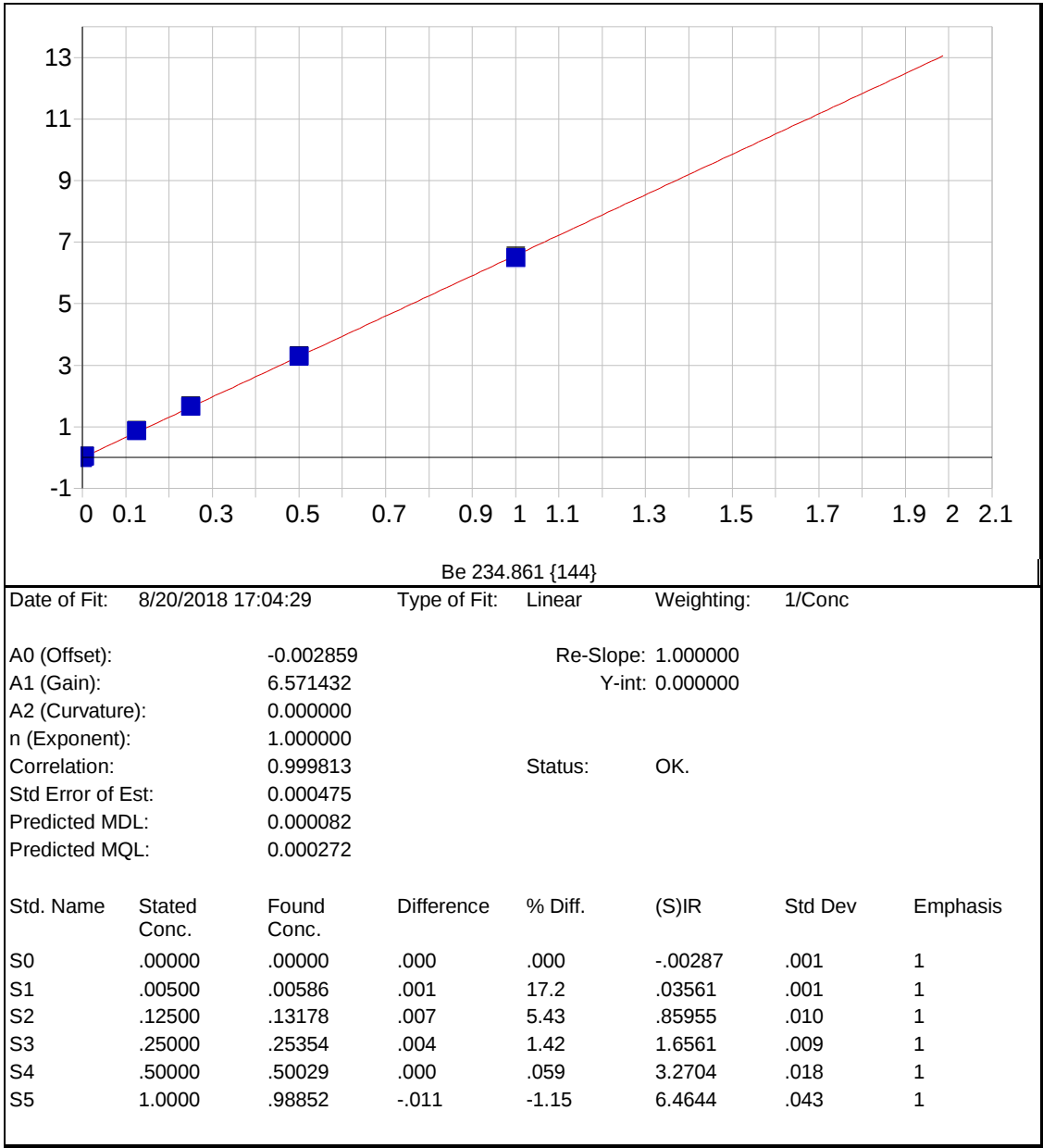
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00458	.000	1
S1	.20000	.20232	.002	1.16	.01831	.001	1
S2	38.750	36.036	-2.71	-7.00	2.4492	.002	1
S3	77.500	71.463	-6.04	-7.79	4.8525	.021	1
S4	155.00	145.93	-9.07	-5.85	9.9042	.026	1
S5	310.00	294.37	-15.6	-5.04	19.974	.026	1
S6	800.00	833.48	33.5	4.18	56.490	.105	1

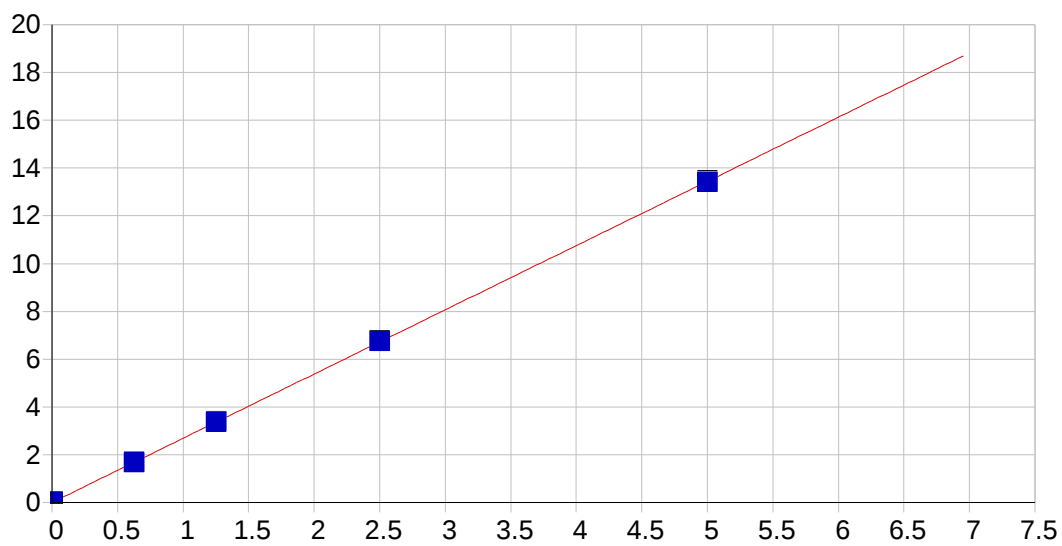


Date of Fit: 8/20/2018 17:04:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.010592	Re-Slope: 1.000000
A1 (Gain):	3.272195	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999975	Status: OK.
Std Error of Est:	0.002481	
Predicted MDL:	0.000891	
Predicted MQL:	0.002969	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.01053	.001	1
S1	.20000	.21723	.017	8.61	.72140	.002	1
S2	2.5000	2.5282	.028	1.13	8.2834	.038	1
S3	5.0000	4.9926	-.007	-.148	16.347	.025	1
S4	10.000	10.007	.007	.066	32.754	.091	1
S5	20.000	19.955	-.045	-.223	65.309	.121	1



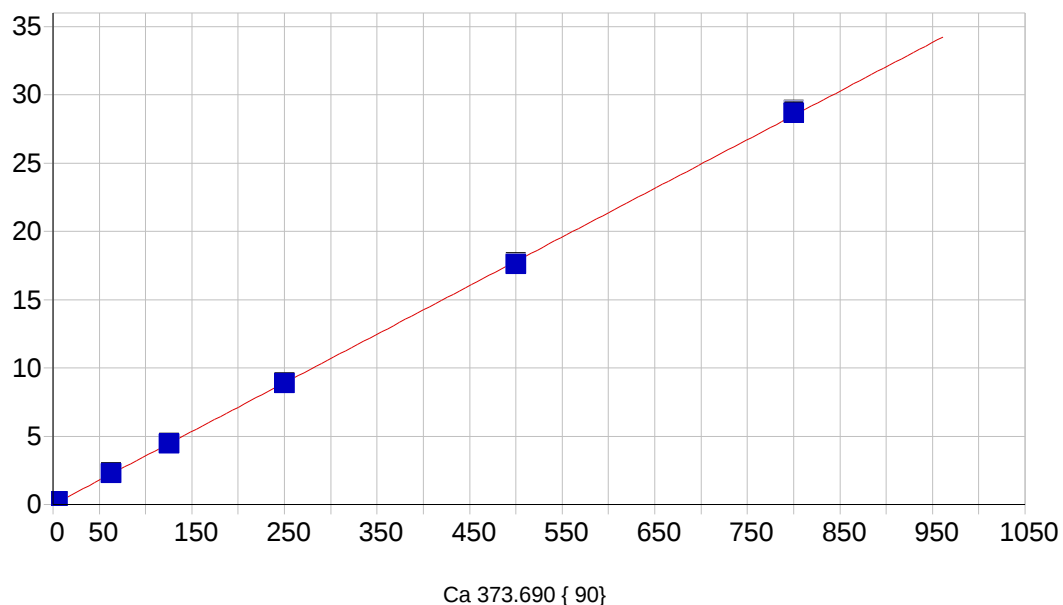


Cd 214.438 {457}

Date of Fit: 8/20/2018 17:04:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001055 Re-Slope: 1.000000
 A1 (Gain): 2.687961 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999994 Status: OK.
 Std Error of Est: 0.000077
 Predicted MDL: 0.000094
 Predicted MQL: 0.000314

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00105	.000	1
S1	.00500	.00549	.000	9.85	.01583	.000	1
S2	.62500	.62626	.001	.202	1.6879	.007	1
S3	1.2500	1.2527	.003	.213	3.3751	.017	1
S4	2.5000	2.5076	.008	.303	6.7551	.027	1
S5	5.0000	4.9880	-.012	-.240	13.436	.051	1



Date of Fit: 8/20/2018 17:04:29

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001850

Re-Slope: 1.000000

A1 (Gain): 0.035619

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999946

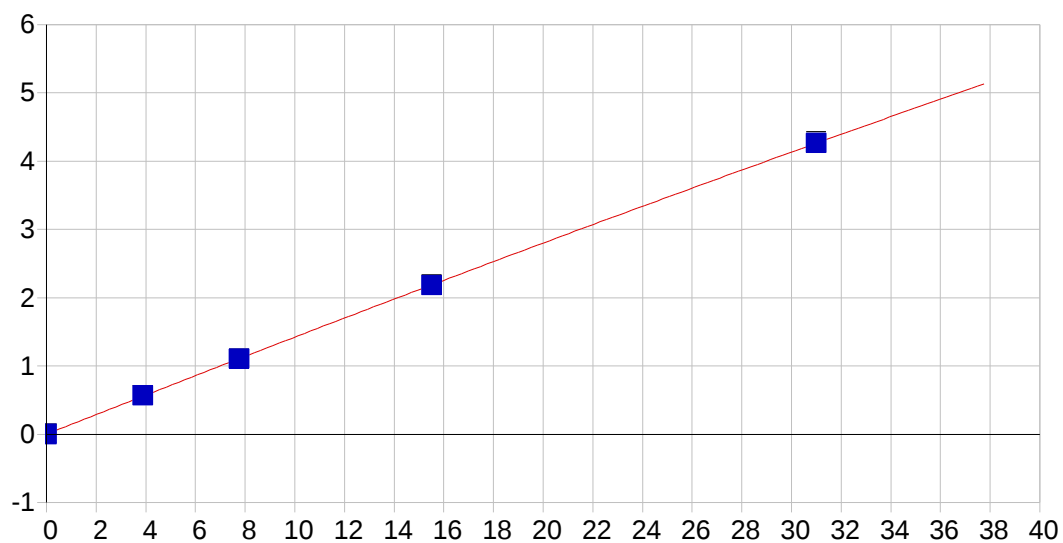
Status: OK.

Std Error of Est: 0.001300

Predicted MDL: 0.025406

Predicted MQL: 0.084687

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00045	.000	.000	.00183	.001	1
S1	5.0000	5.3426	.343	6.85	.19217	.001	1
S2	62.500	64.383	1.88	3.01	2.3030	.016	1
S3	125.00	125.24	.242	.193	4.4787	.006	1
S4	250.00	248.80	-1.20	-.479	8.8956	.007	1
S5	500.00	493.89	-6.11	-1.22	17.657	.044	1
S6	800.00	804.83	4.83	.604	28.838	.057	1

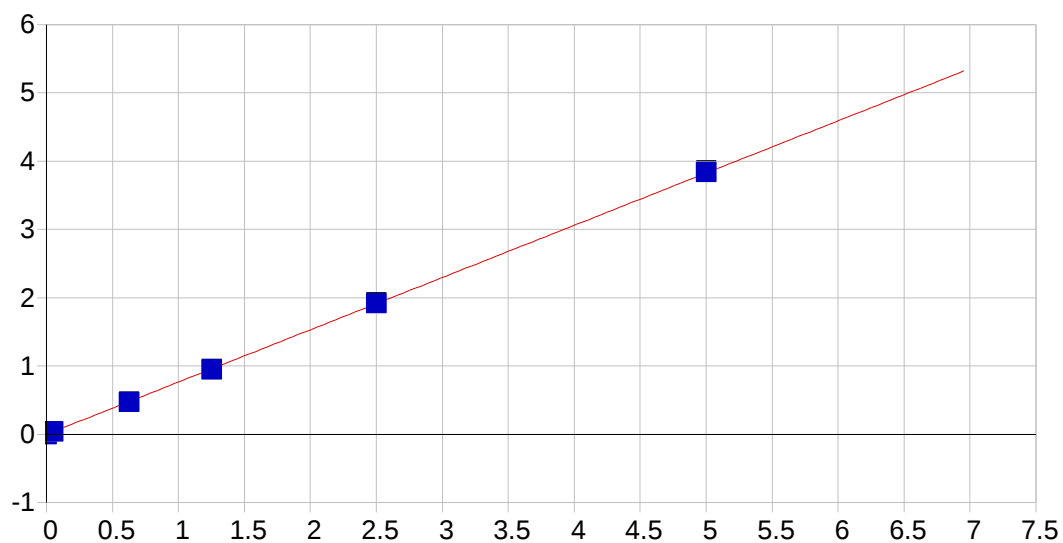


Cr 267.716 {126}

Date of Fit: 8/20/2018 17:04:29 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000041 Re-Slope: 1.000000
 A1 (Gain): 0.144646 Y-int: 0.000000
 A2 (Curvature): -0.000229
 n (Exponent): 1.000000
 Correlation: 0.999988 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.000580
 Predicted MQL: 0.001935

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00004	.000	1
S1	.01000	.01163	.002	16.3	.00173	.000	1
S2	3.8750	3.9292	.054	1.40	.56584	.001	1
S3	7.7500	7.7101	-.040	-.515	1.1036	.002	1
S4	15.500	15.459	-.041	-.261	2.1854	.001	1
S5	31.000	31.025	.025	.080	4.2750	.010	1



Co 228.616 {448}

Date of Fit: 8/20/2018 17:04:29

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000666

Re-Slope: 1.000000

A1 (Gain): 0.765370

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999980

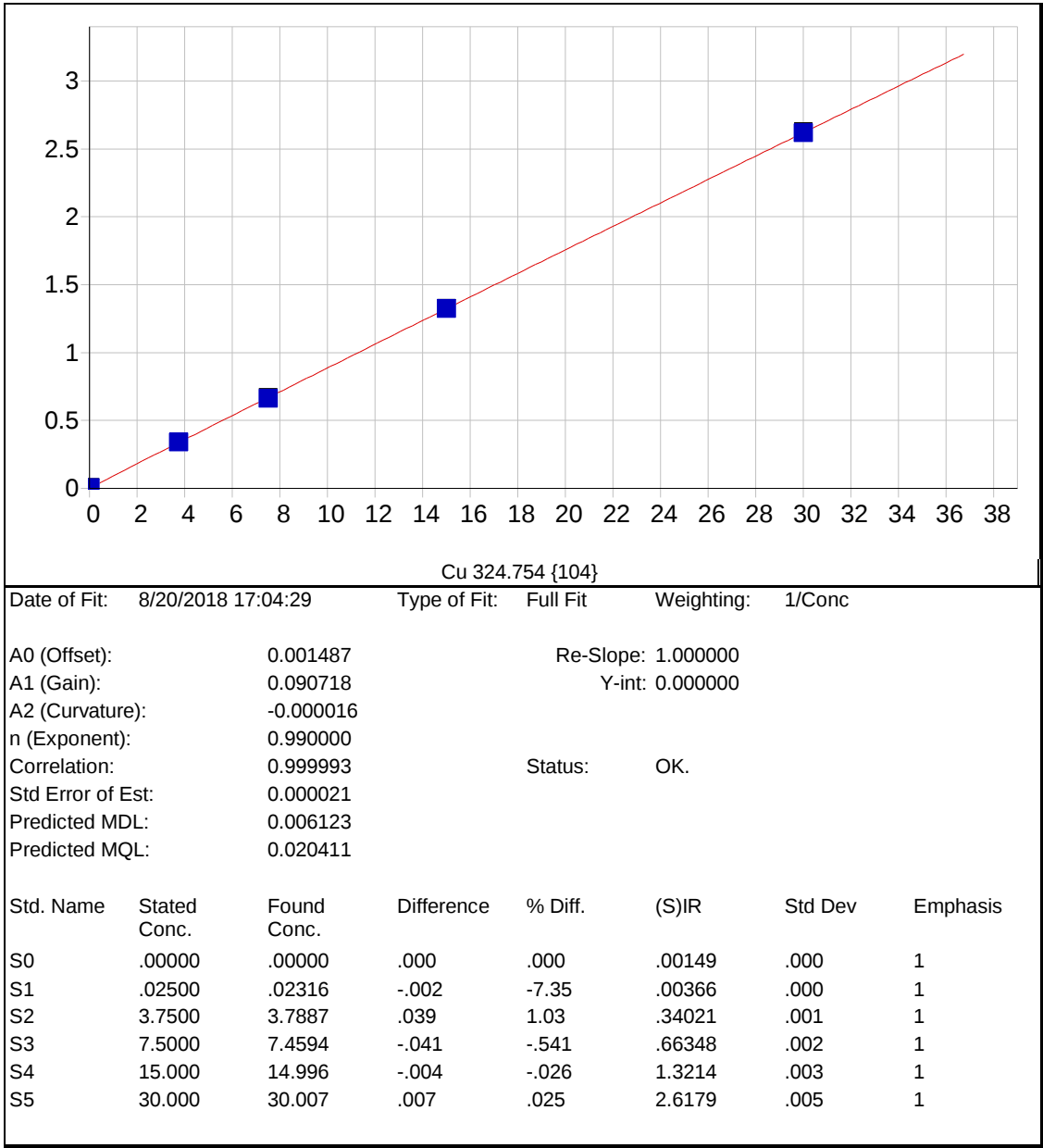
Status: OK.

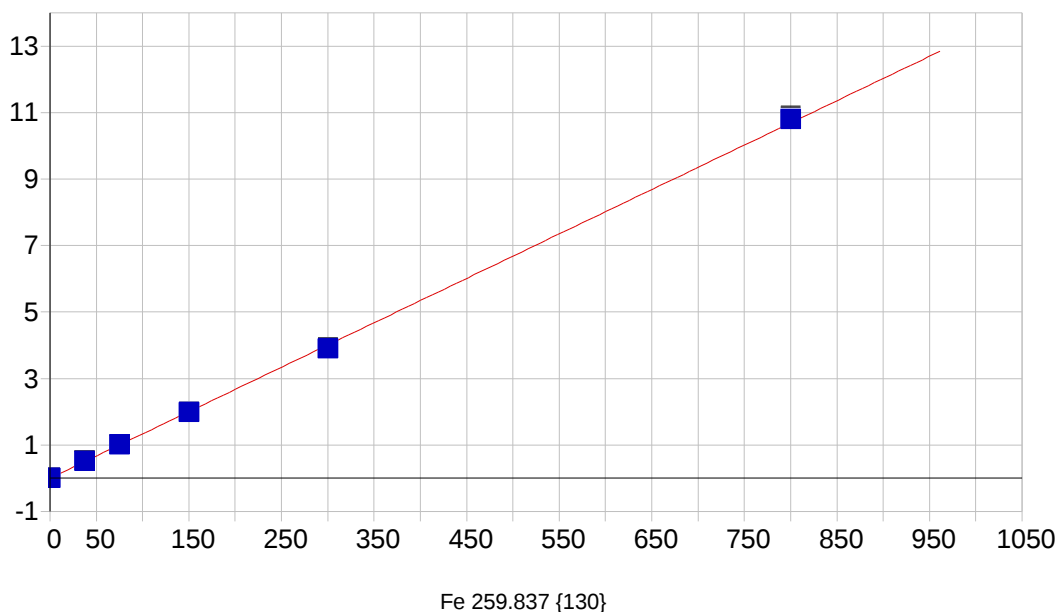
Std Error of Est: 0.000130

Predicted MDL: 0.000320

Predicted MQL: 0.001067

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00067	.000	1
S1	.05000	.05233	.002	4.66	.03953	.000	1
S2	.62500	.61563	-.009	-1.50	.47147	.002	1
S3	1.2500	1.2394	-.011	-.852	.94980	.005	1
S4	2.5000	2.5033	.003	.132	1.9191	.008	1
S5	5.0000	5.0144	.014	.288	3.8448	.014	1

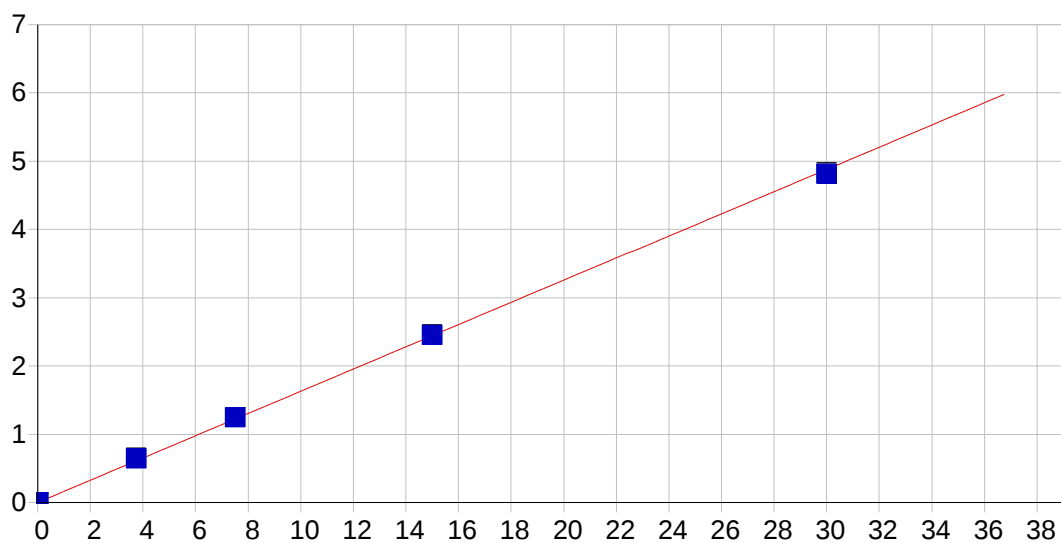




Date of Fit: 8/20/2018 17:04:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000249 Re-Slope: 1.000000
 A1 (Gain): 0.013361 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999867 Status: OK.
 Std Error of Est: 0.000096
 Predicted MDL: 0.021854
 Predicted MQL: 0.072847

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00025	.000	1
S1	.10000	.11280	.013	12.8	.00178	.000	1
S2	37.500	38.905	1.40	3.75	.52274	.004	1
S3	75.000	75.400	.400	.533	1.0130	.005	1
S4	150.00	148.80	-1.20	-.802	1.9990	.007	1
S5	300.00	291.75	-8.25	-2.75	3.9197	.018	1
S6	800.00	807.65	7.65	.956	10.840	.054	1

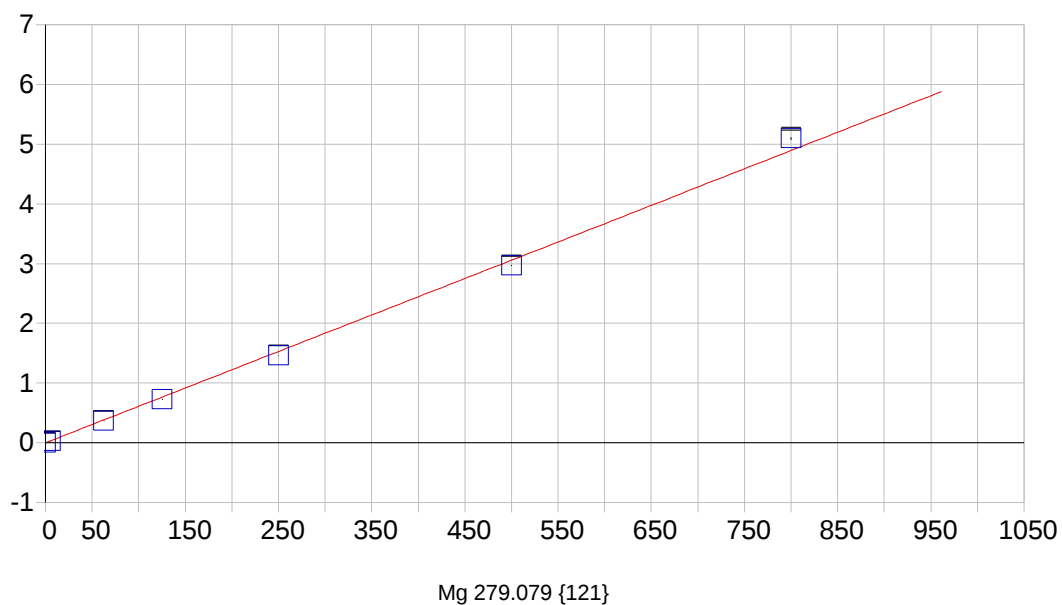


Mn 257.610 {131}

Date of Fit: 8/20/2018 17:04:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000236 Re-Slope: 1.000000
 A1 (Gain): 0.162719 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999833 Status: OK.
 Std Error of Est: 0.000106
 Predicted MDL: 0.001588
 Predicted MQL: 0.005292

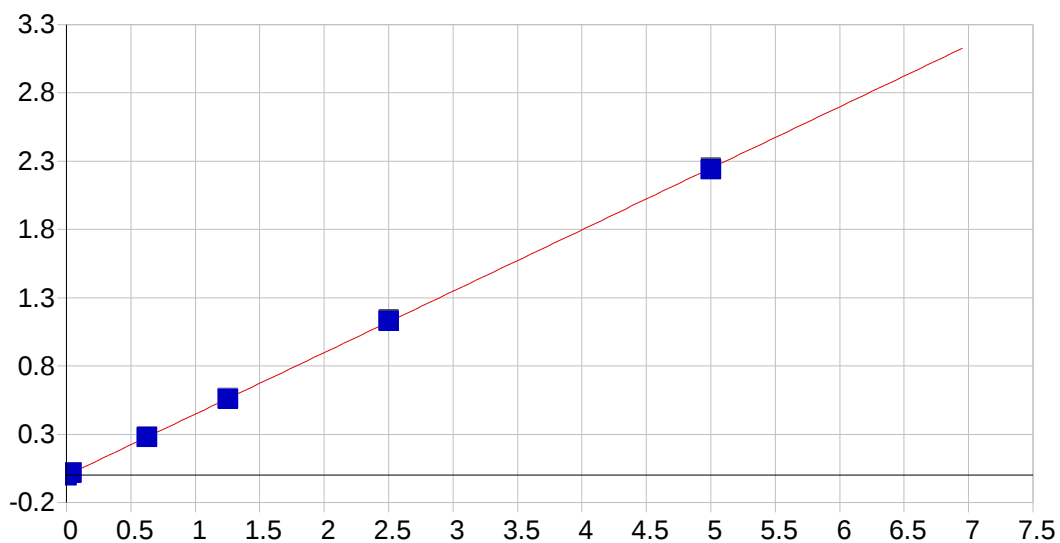
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00024	.000	1
S1	.01500	.01609	.001	7.26	.00285	.000	1
S2	3.7500	3.9422	.192	5.13	.64184	.006	1
S3	7.5000	7.6489	.149	1.99	1.2451	.002	1
S4	15.000	15.068	.068	.456	2.4527	.006	1
S5	30.000	29.589	-.411	-1.37	4.8161	.012	1



Date of Fit: 8/20/2018 17:04:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000259 Re-Slope: 1.000000
 A1 (Gain): 0.006116 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999247 Status: OK.
 Std Error of Est: 0.000829
 Predicted MDL: 0.060364
 Predicted MQL: 0.201213

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00034	.000	.000	-.00026	.000	1
S1	5.0000	5.2222	.222	4.44	.03168	.001	1
S2	62.500	60.485	-2.01	-3.22	.36965	.003	1
S3	125.00	118.67	-6.33	-5.06	.72549	.002	1
S4	250.00	239.57	-10.4	-4.17	1.4648	.002	1
S5	500.00	485.42	-14.6	-2.92	2.9684	.008	1
S6	800.00	833.14	33.1	4.14	5.0949	.024	1

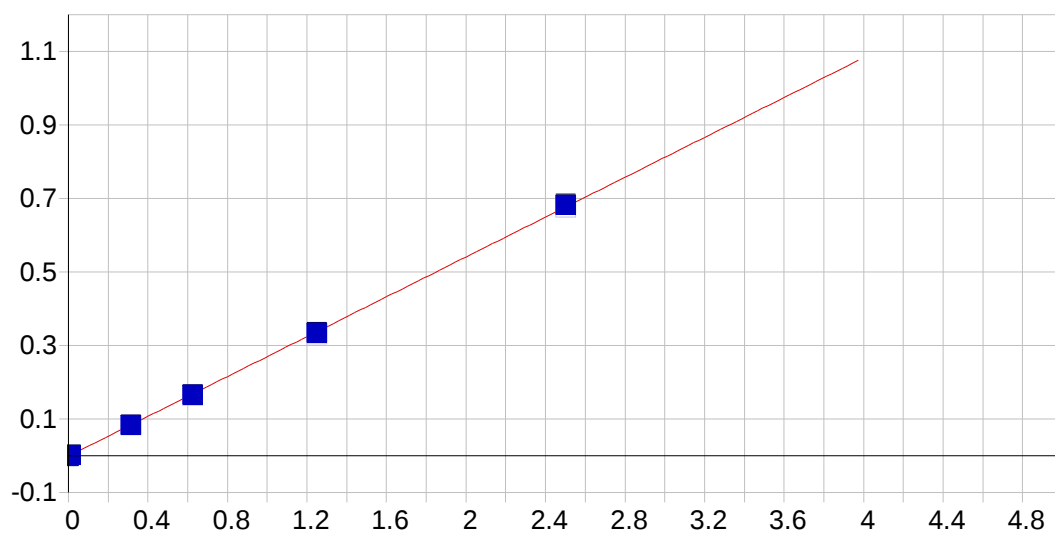


Ni 231.604 {446}

Date of Fit: 8/20/2018 17:04:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001933 Re-Slope: 1.000000
 A1 (Gain): 0.449994 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981 Status: OK.
 Std Error of Est: 0.000066
 Predicted MDL: 0.000561
 Predicted MQL: 0.001869

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00193	.000	1
S1	.04000	.04308	.003	7.70	.01746	.000	1
S2	.62500	.62681	.002	.290	.28071	.001	1
S3	1.2500	1.2501	.000	.007	.56175	.003	1
S4	2.5000	2.5123	.012	.492	1.1309	.006	1
S5	5.0000	4.9827	-.017	-.346	2.2449	.008	1

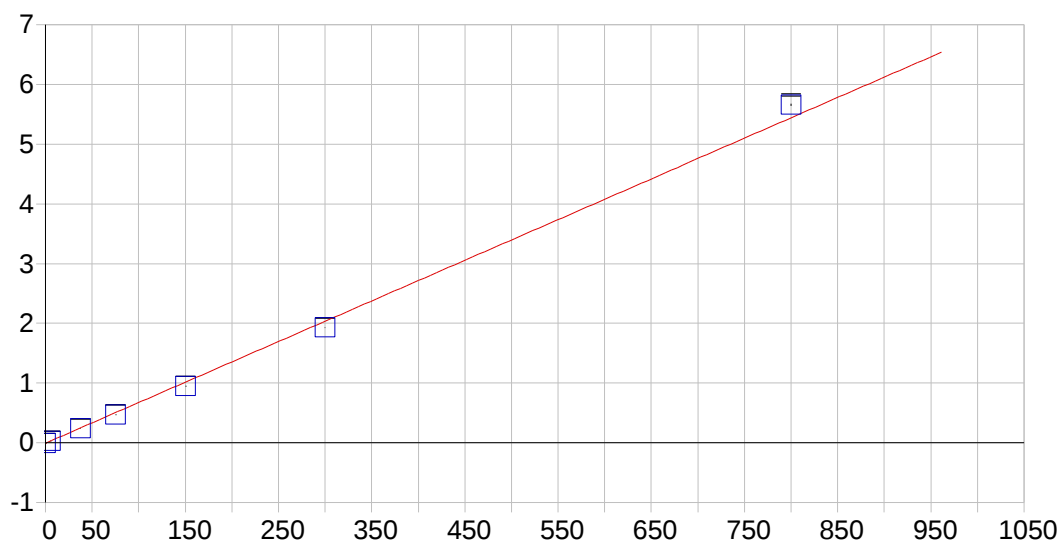


Ag 328.068 {103}

Date of Fit: 8/20/2018 17:04:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001266 Re-Slope: 1.000000
 A1 (Gain): 0.271046 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999938 Status: OK.
 Std Error of Est: 0.000025
 Predicted MDL: 0.000561
 Predicted MQL: 0.001869

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00127	.000	1
S1	.01000	.01063	.001	6.34	.00160	.000	1
S2	.31250	.31153	-.001	-.311	.08209	.001	1
S3	.62500	.61344	-.012	-1.85	.16283	.001	1
S4	1.2500	1.2389	-.011	-.890	.33018	.002	1
S5	2.5000	2.5230	.023	.921	.67390	.002	1



Na 818.326 { 41}

Date of Fit: 8/20/2018 17:04:29

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.007119

Re-Slope: 1.000000

A1 (Gain): 0.006808

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998831

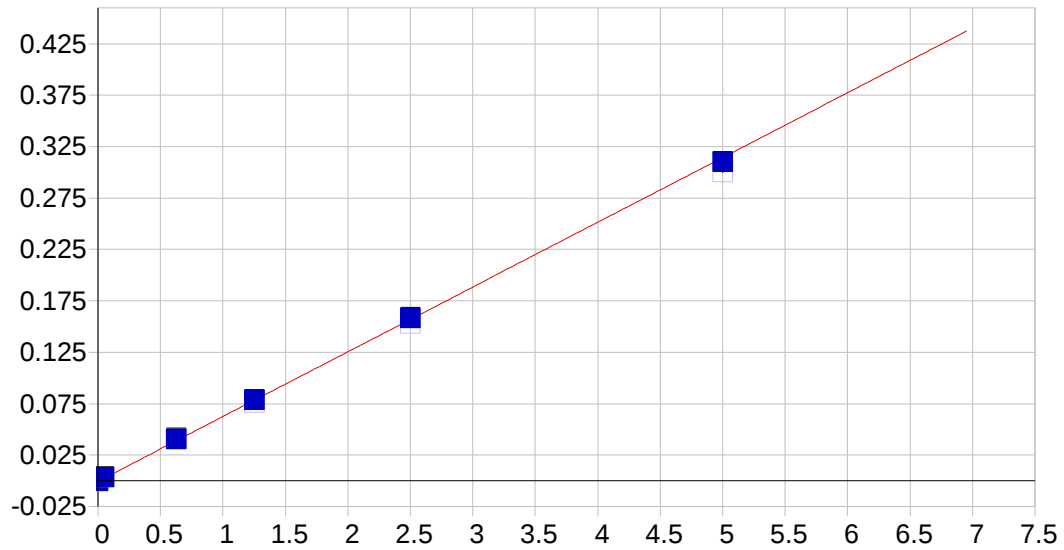
Status: OK.

Std Error of Est: 0.001019

Predicted MDL: 0.363175

Predicted MQL: 1.210584

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00069	.001	.000	-.00711	.001	1
S1	5.0000	5.2799	.280	5.60	.02883	.001	1
S2	37.500	35.751	-1.75	-4.67	.23628	.003	1
S3	75.000	69.771	-5.23	-6.97	.46790	.002	1
S4	150.00	140.38	-9.62	-6.41	.94866	.000	1
S5	300.00	284.18	-15.8	-5.27	1.9277	.006	1
S6	800.00	832.13	32.1	4.02	5.6583	.020	1

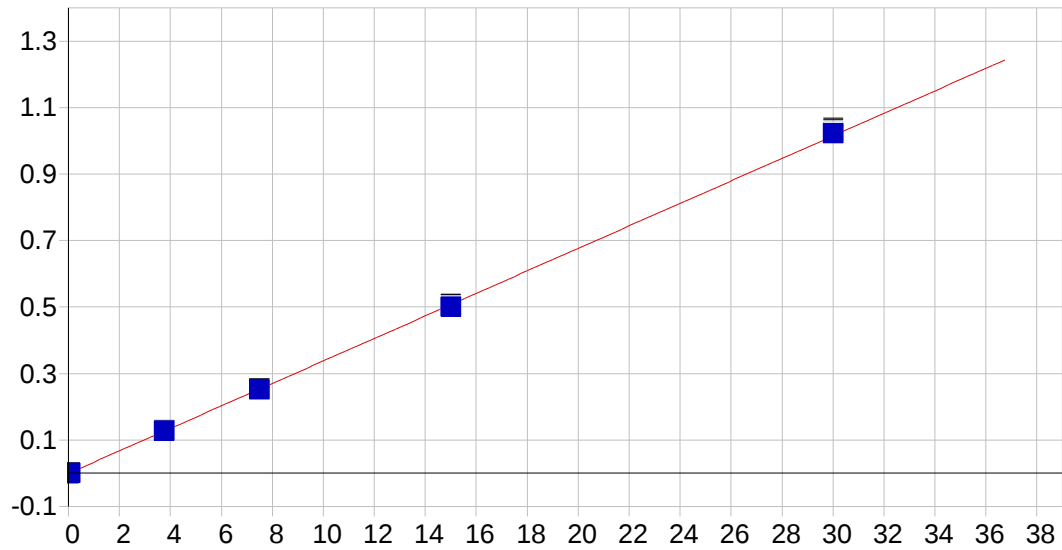


V 292.402 {115}

Date of Fit: 8/20/2018 17:04:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000504 Re-Slope: 1.000000
 A1 (Gain): 0.062983 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999665 Status: OK.
 Std Error of Est: 0.000042
 Predicted MDL: 0.007023
 Predicted MQL: 0.023409

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	-.00050	.000	1
S1	.05000	.06287	.013	25.7	.00345	.000	1
S2	.62500	.65604	.031	4.97	.03952	.001	1
S3	1.2500	1.2563	.006	.507	.07603	.001	1
S4	2.5000	2.5169	.017	.675	.15282	.001	1
S5	5.0000	4.9325	-.068	-1.35	.29977	.000	1

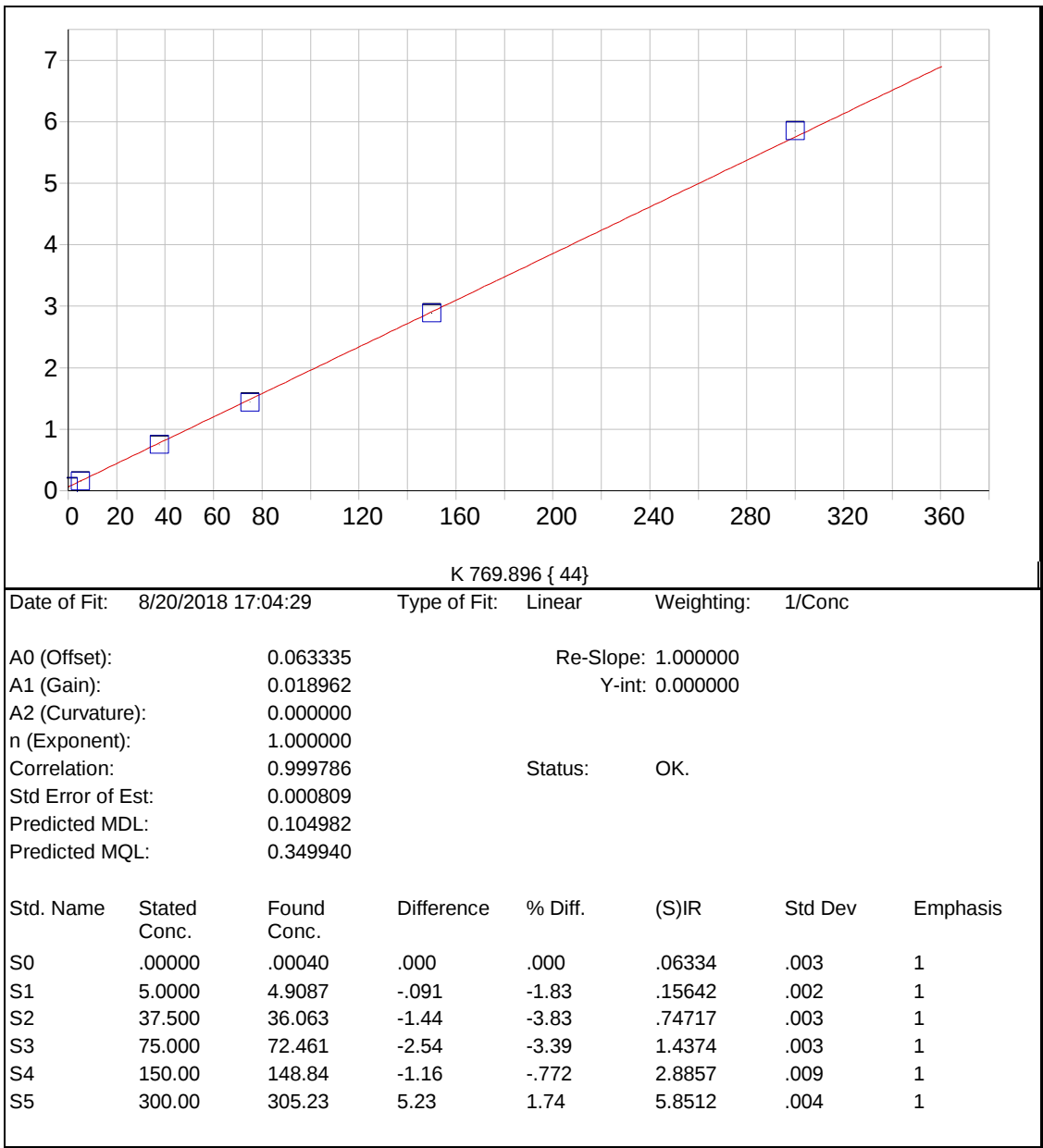


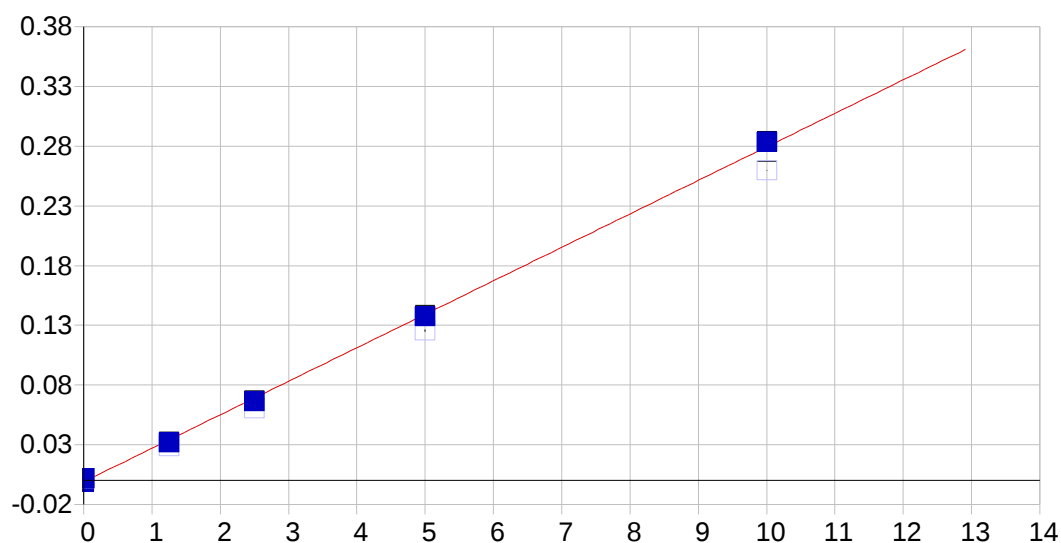
Zn 213.856 {158}

Date of Fit: 8/20/2018 17:04:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000574 Re-Slope: 1.000000
 A1 (Gain): 0.033844 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.013494
 Predicted MQL: 0.044980

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00057	.000	1
S1	.06000	.05276	-.007	-12.1	.00122	.001	1
S2	3.7500	3.7794	.029	.784	.12793	.001	1
S3	7.5000	7.4548	-.045	-.603	.25292	.002	1
S4	15.000	14.805	-.195	-1.30	.50289	.007	1
S5	30.000	30.218	.218	.725	1.0269	.011	1



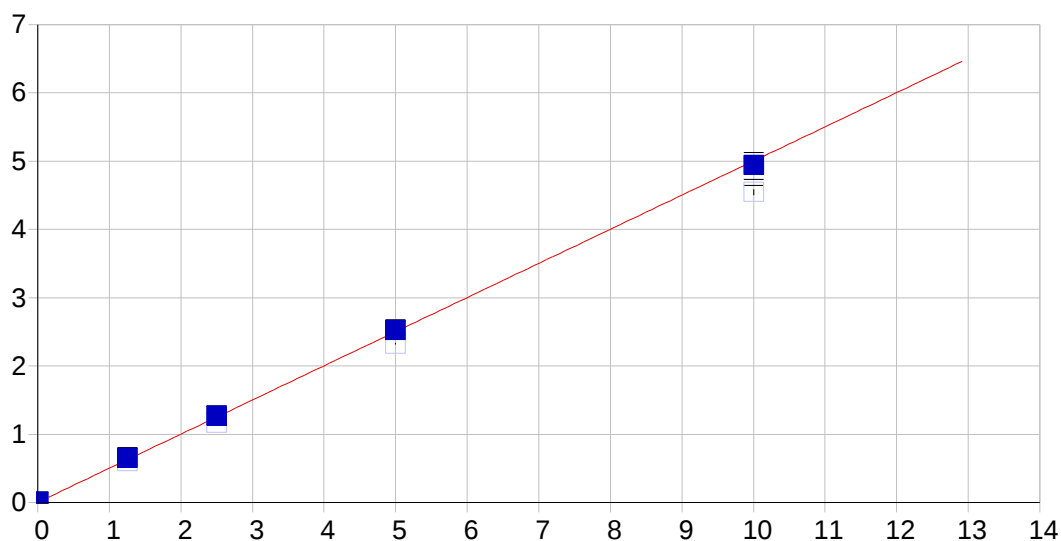


P 177.495 {490}

Date of Fit: 8/20/2018 17:04:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000963 Re-Slope: 1.000000
 A1 (Gain): 0.028035 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.980815 Status: OK.
 Std Error of Est: 0.000085
 Predicted MDL: 0.003588
 Predicted MQL: 0.011961

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00008	.000	.000	-.00097	.000	1
S1	.01000	.08790	.078	779.	.00148	.000	1
S2	1.2500	1.1730	-.077	-6.16	.02890	.000	1
S3	2.5000	2.4065	-.094	-3.74	.06046	.000	1
S4	5.0000	4.9394	-.061	-1.21	.12543	.001	1
S5	10.000	10.151	.151	1.51	.25945	.000	1

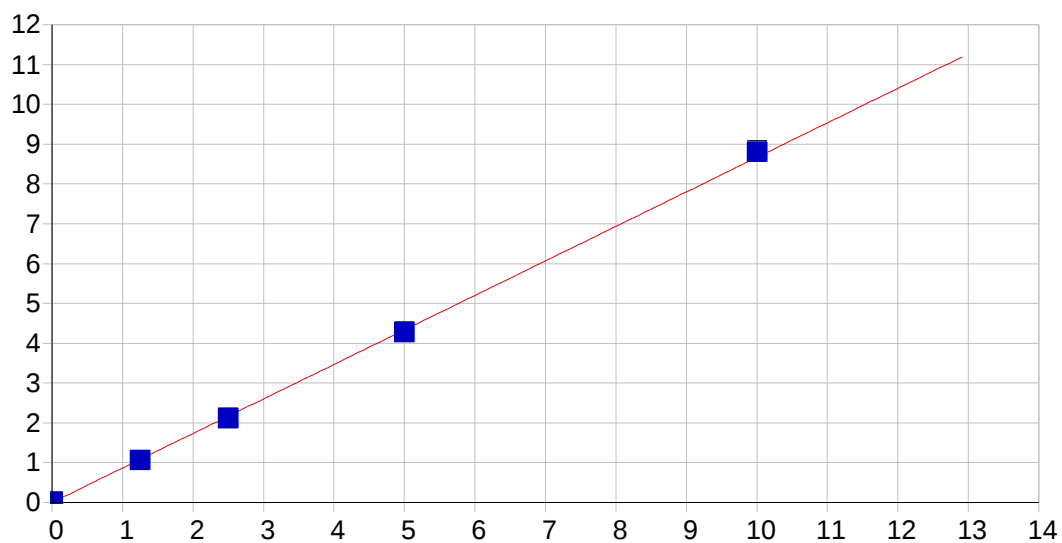


B 249.678 {135}

Date of Fit: 8/20/2018 17:04:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001565 Re-Slope: 1.000000
 A1 (Gain): 0.500198 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999864 Status: OK.
 Std Error of Est: 0.000127
 Predicted MDL: 0.001269
 Predicted MQL: 0.004230

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00156	.000	1
S1	.01000	.01065	.001	6.55	.00679	.000	1
S2	1.2500	1.2998	.050	3.98	.60220	.004	1
S3	2.5000	2.5312	.031	1.25	1.1686	.002	1
S4	5.0000	5.0423	.042	.846	2.3256	.009	1
S5	10.000	9.8760	-.124	-1.24	4.5453	.044	1

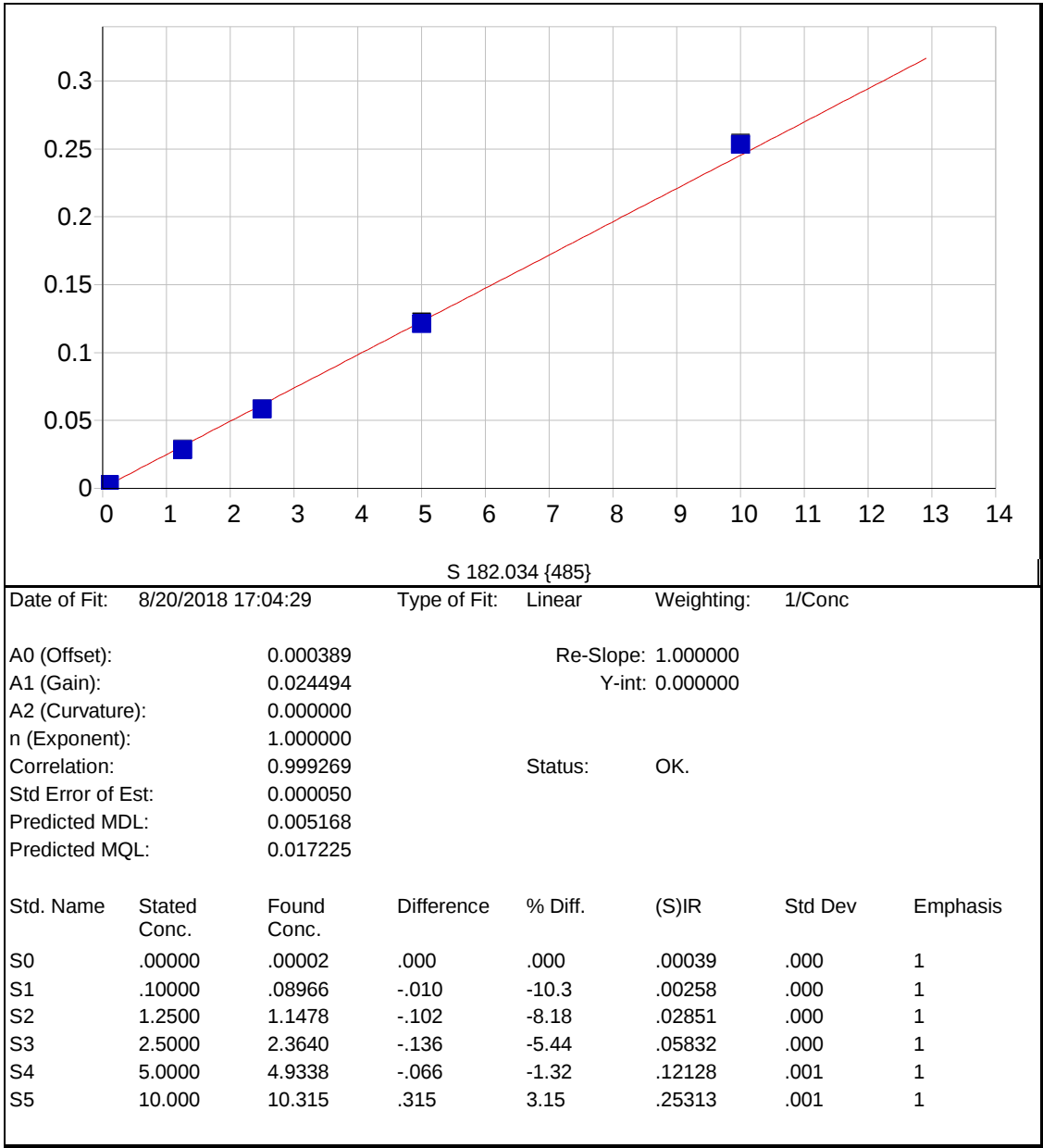


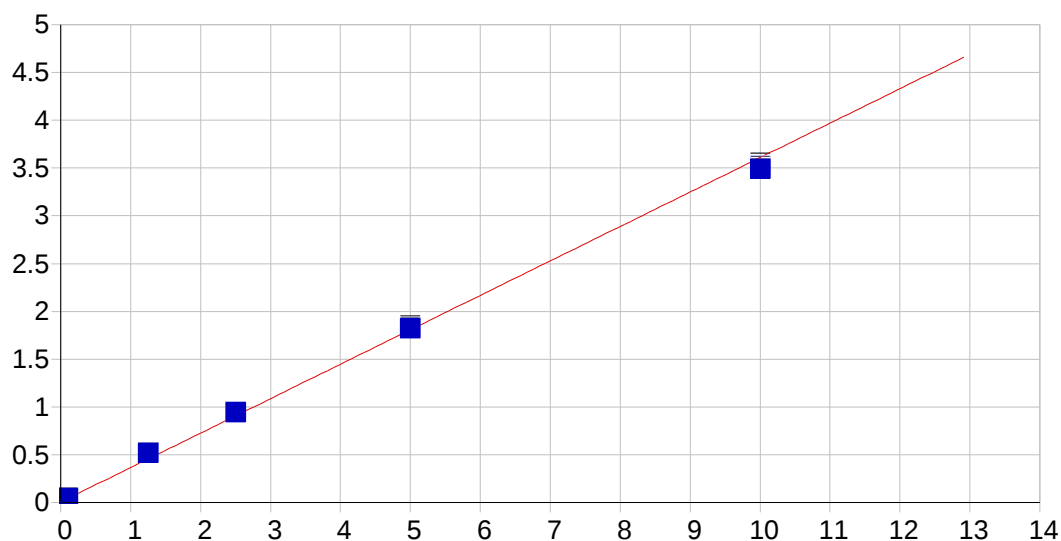
Mo 202.030 {467}

Date of Fit: 8/20/2018 17:04:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000679 Re-Slope: 1.000000
 A1 (Gain): 0.866678 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999841 Status: OK.
 Std Error of Est: 0.000259
 Predicted MDL: 0.000318
 Predicted MQL: 0.001060

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00068	.000	1
S1	.01000	.01030	.000	2.99	.00960	.000	1
S2	1.2500	1.2185	-.031	-2.52	1.0567	.005	1
S3	2.5000	2.4355	-.064	-2.58	2.1114	.007	1
S4	5.0000	4.9338	-.066	-1.32	4.2765	.013	1
S5	10.000	10.162	.162	1.62	8.8074	.028	1



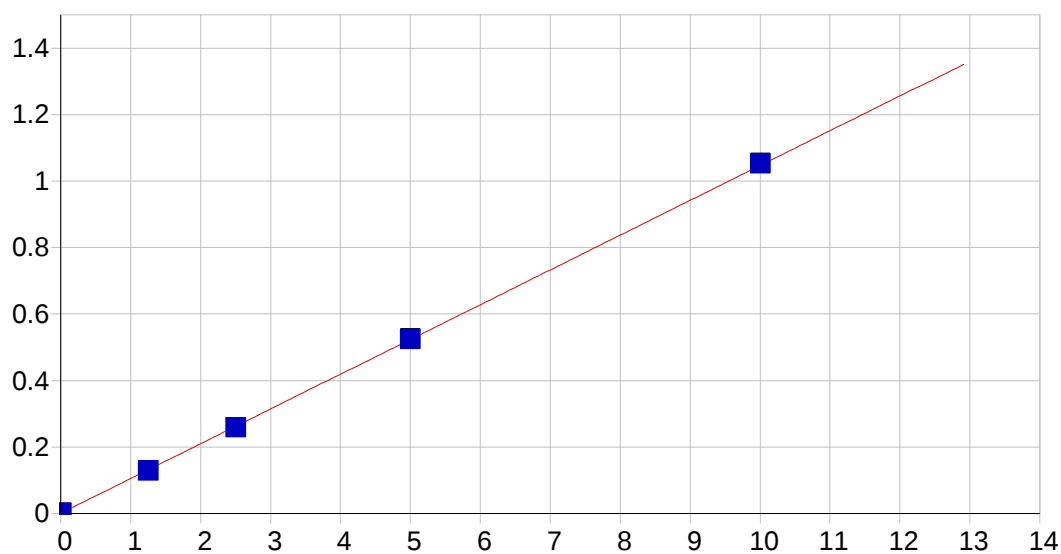


Si 251.611 {134}

Date of Fit: 8/20/2018 17:04:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005048 Re-Slope: 1.000000
 A1 (Gain): 0.360414 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998981 Status: OK.
 Std Error of Est: 0.000872
 Predicted MDL: 0.001562
 Predicted MQL: 0.005208

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00504	.000	1
S1	.10000	.10600	.006	6.00	.04338	.001	1
S2	1.2500	1.4219	.172	13.8	.52123	.003	1
S3	2.5000	2.6032	.103	4.13	.95068	.003	1
S4	5.0000	5.0424	.042	.849	1.8372	.011	1
S5	10.000	9.6764	-.324	-3.24	3.5221	.029	1

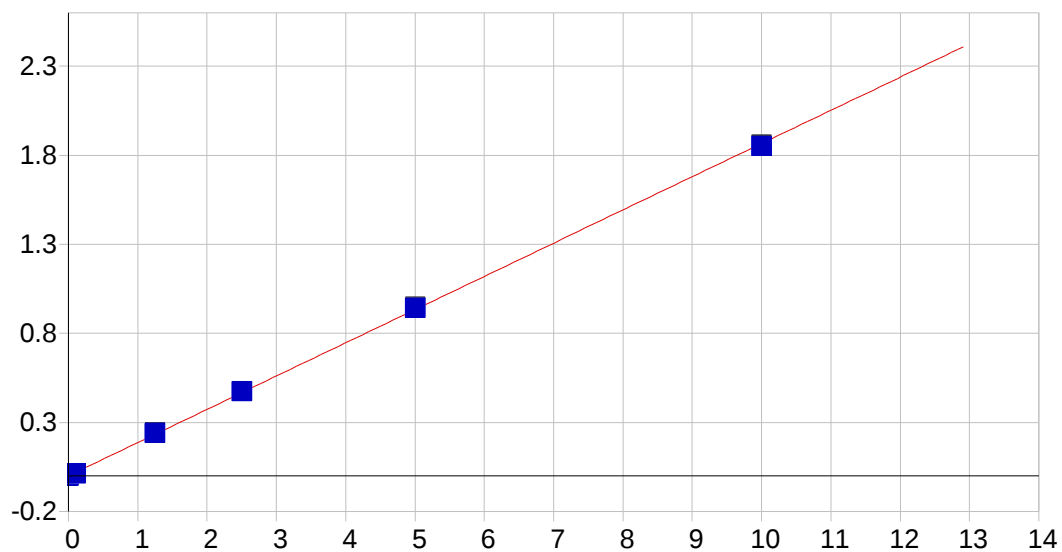


Sn 189.989 {478}

Date of Fit: 8/20/2018 17:04:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000432 Re-Slope: 1.000000
 A1 (Gain): 0.104619 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999959 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.001215
 Predicted MQL: 0.004051

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00043	.000	1
S1	.00700	.00701	.000	.088	.00114	.000	1
S2	1.2500	1.2197	-.030	-2.42	.12774	.001	1
S3	2.5000	2.4662	-.034	-1.35	.25787	.001	1
S4	5.0000	5.0051	.005	.103	.52291	.002	1
S5	10.000	10.059	.059	.589	1.0505	.002	1

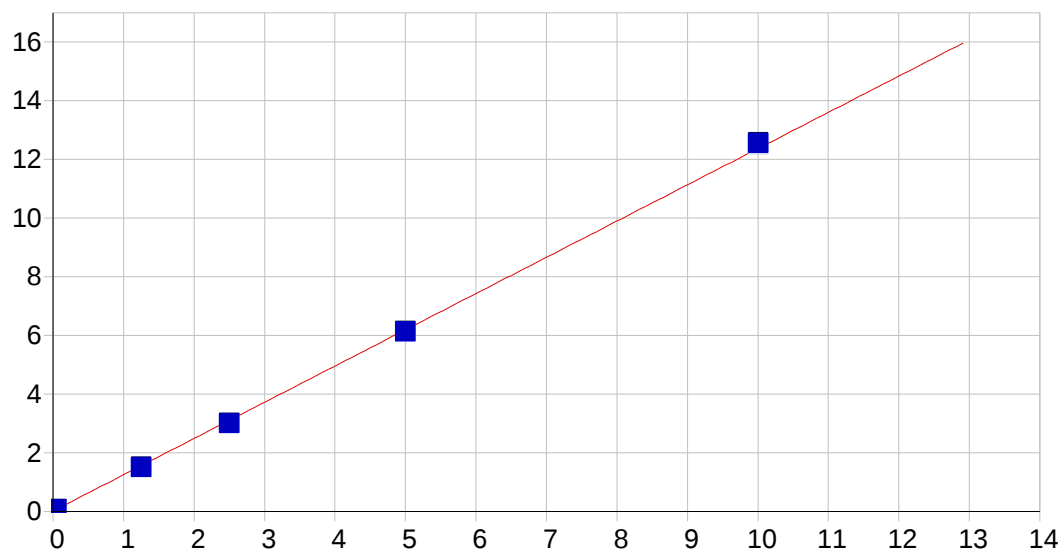


Ti 336.121 {100}

Date of Fit: 8/20/2018 17:04:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001017 Re-Slope: 1.000000
 A1 (Gain): 0.186526 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999419 Status: OK.
 Std Error of Est: 0.000338
 Predicted MDL: 0.003343
 Predicted MQL: 0.011142

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00102	.001	1
S1	.10000	.05639	-.044	-43.6	.01153	.000	1
S2	1.2500	1.2869	.037	2.95	.24097	.001	1
S3	2.5000	2.5345	.035	1.38	.47360	.002	1
S4	5.0000	5.0552	.055	1.10	.94360	.004	1
S5	10.000	9.9170	-.083	-.830	1.8501	.008	1



Li 670.784 { 50}

Date of Fit: 8/20/2018 17:04:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.017269 Re-Slope: 1.000000
 A1 (Gain): 1.235421 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999817 Status: OK.
 Std Error of Est: 0.000883
 Predicted MDL: 0.002125
 Predicted MQL: 0.007085

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.01728	.003	1
S5	10.000	10.162	.162	1.62	12.502	.018	1
S4	5.0000	4.9585	-.041	-.829	6.1084	.018	1
S3	2.5000	2.4234	-.077	-3.06	2.9939	.005	1
S2	1.2500	1.2082	-.042	-3.34	1.5012	.004	1
S1	.05000	.04777	-.002	-4.46	.07616	.003	1



Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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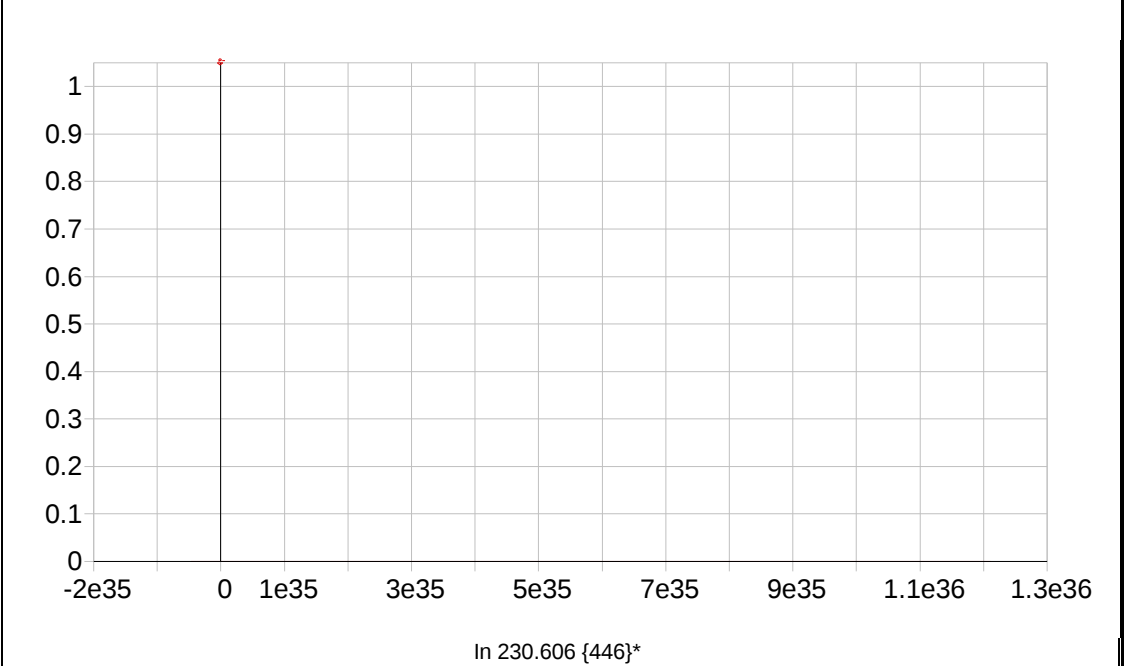




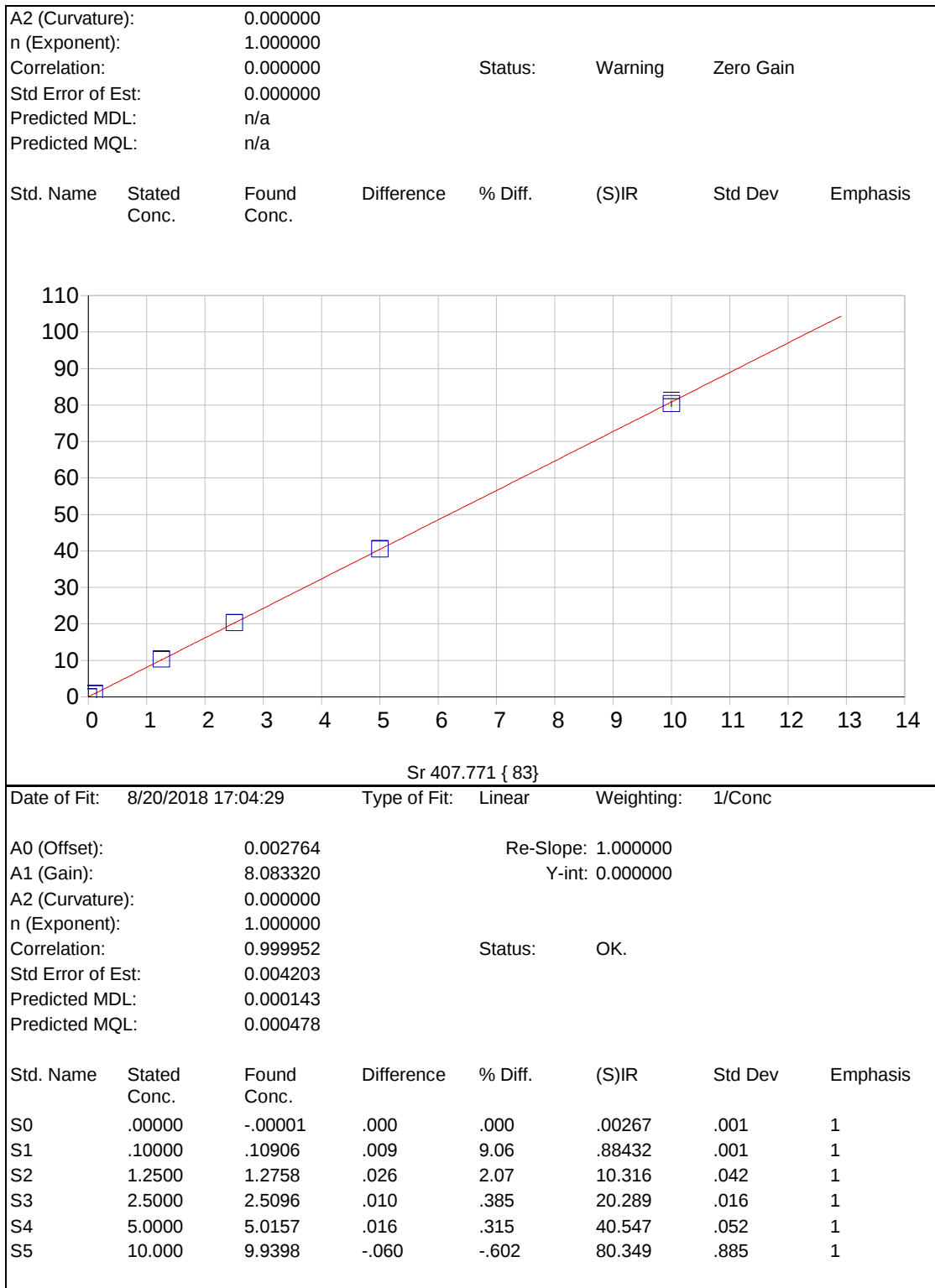


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000



Sample Name: S0 Acquired: 8/20/2018 15:12:46 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v628) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00037	-.00051	.00032	.00050	.00073	.00458	.01053	-.00287
Stddev	.00015	.00011	.00030	.00023	.00025	.00013	.00070	.00097
%RSD	40.065	21.661	94.200	46.354	34.343	2.8169	6.6947	33.892
#1	-.00049	-.00057	.00018	.00067	.00046	.00469	.01100	-.00251
#2	-.00020	-.00038	.00066	.00059	.00077	.00444	.01087	-.00212
#3	-.00042	-.00058	.00011	.00024	.00096	.00460	.00972	-.00397
Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00105	.00183	.00004	-.00067	.00149	.00025	.00024	-.00026
Stddev	.00022	.00086	.00006	.00021	.00041	.00029	.00017	.00015
%RSD	21.115	46.928	149.43	31.454	27.892	118.63	73.607	59.088
#1	.00130	.00084	.00006	-.00090	.00196	.00049	.00005	-.00010
#2	.00099	.00237	.00009	-.00061	.00119	.00034	.00039	-.00026
#3	.00087	.00229	-.00003	-.00049	.00131	-.00008	.00027	-.00041
Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00193	-.00127	-.00711	-.00050	-.00057	.06334	-.00097	.00156
Stddev	.00025	.00015	.00119	.00017	.00031	.00294	.00006	.00022
%RSD	13.071	11.918	16.702	34.504	54.160	4.6466	5.8865	13.840
#1	-.00164	-.00111	-.00797	-.00031	-.00087	.06432	-.00097	.00160
#2	-.00207	-.00128	-.00576	-.00064	-.00025	.06004	-.00091	.00133
#3	-.00209	-.00141	-.00762	-.00057	-.00060	.06568	-.00102	.00176
Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00068	.00039	.00504	.00043	.00102	.01728	.00267	
Stddev	.00010	.00007	.00043	.00013	.00112	.00295	.00081	
%RSD	14.169	17.099	8.5941	29.964	109.76	17.048	30.191	
#1	.00079	.00042	.00541	.00037	.00133	.01393	.00197	
#2	.00060	.00031	.00515	.00058	.00196	.01842	.00355	
#3	.00065	.00043	.00456	.00035	-.00022	.01948	.00250	

Sample Name: S0 Acquired: 8/20/2018 15:12:46 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v628) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1894.7	2319.1	45652.	4866.7	3459.5
Stddev	25.0	2.4	339.	8.9	3.2
%RSD	1.3197	.10411	.74312	.18219	.09180
#1	1886.6	2317.8	45453.	4861.8	3460.5
#2	1922.7	2321.8	46043.	4876.9	3462.1
#3	1874.7	2317.5	45458.	4861.3	3456.0

Sample Name: S1 Acquired: 8/20/2018 15:16:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v628) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00004	.00075	.00202	.00328	.00910	.01831	.72140	.03561
Stddev	.00005	.00026	.00006	.00013	.00037	.00090	.00220	.00053
%RSD	122.13	34.180	3.2108	3.8819	4.0476	4.9058	.30558	1.4963

#1	-.00001	.00046	.00204	.00332	.00913	.01931	.72182	.03592
#2	.00003	.00095	.00195	.00338	.00872	.01803	.71902	.03500
#3	.00009	.00086	.00208	.00313	.00946	.01758	.72337	.03593

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01583	.19217	.00173	.03953	.00366	.00178	.00285	.03168
Stddev	.00021	.00124	.00004	.00041	.00019	.00028	.00042	.00083
%RSD	1.3084	.64629	2.3644	1.0304	5.3040	15.518	14.725	2.6332

#1	.01600	.19074	.00177	.03944	.00346	.00174	.00239	.03080
#2	.01560	.19301	.00170	.03917	.00368	.00208	.00320	.03246
#3	.01588	.19275	.00171	.03997	.00385	.00153	.00298	.03177

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01746	.00160	.02883	.00345	.00122	.15642	.00148	.00679
Stddev	.00015	.00011	.00073	.00021	.00062	.00247	.00010	.00031
%RSD	.87989	6.9249	2.5270	6.2057	50.525	1.5760	6.5109	4.5834

#1	.01755	.00164	.02921	.00356	.00147	.15413	.00144	.00668
#2	.01755	.00147	.02928	.00320	.00167	.15610	.00142	.00655
#3	.01728	.00168	.02799	.00359	.00052	.15903	.00159	.00714

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00960	.00258	.04338	.00114	.01153	.07616	.88432	
Stddev	.00021	.00014	.00055	.00011	.00027	.00290	.00063	
%RSD	2.2365	5.4345	1.2710	9.4621	2.3240	3.8031	.07155	

#1	.00975	.00267	.04334	.00122	.01141	.07888	.88461	
#2	.00935	.00267	.04285	.00117	.01184	.07649	.88360	
#3	.00970	.00242	.04395	.00101	.01134	.07312	.88476	

Sample Name: S1 Acquired: 8/20/2018 15:16:54 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v628) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1915.9	2336.4	45985.	4928.4	3492.9
Stddev	3.8	4.6	104.	52.0	5.1
%RSD	.19756	.19861	.22599	1.0550	.14644
#1	1915.5	2339.6	45928.	4933.0	3498.6
#2	1919.9	2338.6	46105.	4977.9	3491.1
#3	1912.4	2331.1	45923.	4874.2	3488.9

Sample Name: S2 Acquired: 8/20/2018 15:21:16 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v628) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.03748	.05810	1.0568	.07916	.16101	2.4492	8.2834	.85955
Stddev	.00023	.00042	.0050	.00083	.00063	.0020	.0382	.01039
%RSD	.62399	.72624	.47185	1.0457	.39120	.08023	.46178	1.2090

#1	.03721	.05801	1.0535	.07908	.16120	2.4510	8.2491	.84822
#2	.03761	.05772	1.0544	.07837	.16031	2.4495	8.2763	.86864
#3	.03761	.05855	1.0625	.08002	.16152	2.4471	8.3247	.86177

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.6879	2.3030	.56584	.47147	.34021	.52274	.64184	.36965
Stddev	.0072	.0159	.00138	.00216	.00096	.00429	.00587	.00347
%RSD	.42768	.69027	.24461	.45870	.28148	.82081	.91405	.93808

#1	1.6849	2.2893	.56534	.47017	.33946	.51934	.63714	.36604
#2	1.6826	2.2993	.56477	.47027	.33989	.52130	.63998	.36994
#3	1.6961	2.3205	.56740	.47397	.34129	.52756	.64842	.37296

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.28071	.08209	.23628	.03952	.12793	.74717	.02890	.60220
Stddev	.00147	.00059	.00277	.00074	.00101	.00344	.00031	.00399
%RSD	.52236	.71963	1.1743	1.8714	.79210	.46093	1.0585	.66204

#1	.27975	.08158	.23625	.03901	.12883	.74695	.02868	.59780
#2	.27997	.08274	.23352	.04037	.12814	.74384	.02877	.60558
#3	.28239	.08194	.23907	.03917	.12683	.75072	.02925	.60322

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	1.0567	.02851	.52123	.12774	.24097	1.5012	10.316	
Stddev	.0051	.00033	.00325	.00082	.00111	.0042	.042	
%RSD	.48045	1.1650	.62296	.64545	.46219	.28214	.40541	

#1	1.0545	.02830	.51808	.12785	.24171	1.4982	10.280	
#2	1.0531	.02834	.52457	.12687	.23969	1.4994	10.305	
#3	1.0625	.02890	.52104	.12851	.24150	1.5061	10.362	

Sample Name: S2 Acquired: 8/20/2018 15:21:16 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v628) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1832.4	2268.9	44660.	4887.7	3271.7
Stddev	16.1	11.4	161.	26.7	13.8
%RSD	.87677	.50026	.36019	.54663	.42032
#1	1850.7	2269.2	44845.	4918.2	3270.9
#2	1820.7	2280.1	44579.	4876.6	3285.8
#3	1825.7	2257.4	44556.	4868.3	3258.3

Sample Name: S3 Acquired: 8/20/2018 15:25:12 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v628) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.07577	.11629	2.1229	.15681	.32044	4.8525	16.347	1.6561
Stddev	.00039	.00052	.0109	.00061	.00144	.0212	.025	.0094
%RSD	.51341	.45064	.51452	.39125	.45058	.43656	.15597	.56799

#1	.07534	.11644	2.1145	.15692	.31957	4.8285	16.368	1.6469
#2	.07611	.11570	2.1189	.15615	.31964	4.8684	16.355	1.6657
#3	.07584	.11671	2.1353	.15736	.32211	4.8607	16.319	1.6557

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.3751	4.4787	1.1036	.94980	.66348	1.0130	1.2451	.72549
Stddev	.0167	.0062	.0019	.00529	.00219	.0048	.0020	.00227
%RSD	.49334	.13874	.17010	.55684	.33070	.47411	.16093	.31237

#1	3.3628	4.4762	1.1057	.94707	.66100	1.0179	1.2474	.72680
#2	3.3683	4.4857	1.1021	.94643	.66516	1.0128	1.2444	.72679
#3	3.3940	4.4741	1.1031	.95589	.66427	1.0083	1.2436	.72287

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.56175	.16283	.46790	.07603	.25292	1.4374	.06046	1.1686
Stddev	.00291	.00077	.00169	.00055	.00239	.0029	.00009	.0024
%RSD	.51888	.47292	.36061	.72073	.94335	.20152	.14213	.20094

#1	.55993	.16372	.46647	.07543	.25392	1.4341	.06047	1.1666
#2	.56022	.16235	.46976	.07651	.25020	1.4397	.06037	1.1681
#3	.56512	.16243	.46747	.07613	.25464	1.4382	.06054	1.1712

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2.1114	.05832	.95068	.25787	.47360	2.9939	20.289	
Stddev	.0067	.00021	.00279	.00126	.00218	.0053	.016	
%RSD	.31674	.36118	.29360	.49031	.46121	.17680	.08016	

#1	2.1086	.05814	.94749	.25710	.47117	2.9880	20.274	
#2	2.1066	.05826	.95190	.25718	.47539	2.9983	20.286	
#3	2.1190	.05855	.95265	.25933	.47424	2.9953	20.306	

Sample Name: S3 Acquired: 8/20/2018 15:25:12 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v628) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1801.1	2193.6	44280.	4914.1	3109.7
Stddev	13.0	7.3	191.	24.0	14.7
%RSD	.72073	.33106	.43207	.48889	.47347
#1	1786.4	2197.2	44059.	4939.2	3120.5
#2	1806.0	2198.3	44386.	4891.3	3115.7
#3	1811.0	2185.2	44395.	4911.7	3092.9

Sample Name: S4 Acquired: 8/20/2018 15:29:04 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v628) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.15541	.22905	4.3083	.31092	.65366	9.9042	32.754	3.2704
Stddev	.00074	.00110	.0191	.00110	.00201	.0255	.091	.0175
%RSD	.47723	.47845	.44224	.35344	.30765	.25751	.27832	.53631

#1	.15564	.22965	4.3028	.31172	.65431	9.9239	32.858	3.2660
#2	.15458	.22778	4.2926	.30967	.65141	9.8754	32.718	3.2555
#3	.15601	.22971	4.3295	.31139	.65527	9.9133	32.686	3.2897

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.7551	8.8956	2.1854	1.9191	1.3214	1.9990	2.4527	1.4648
Stddev	.0275	.0069	.0015	.0081	.0030	.0066	.0060	.0020
%RSD	.40666	.07696	.06729	.42354	.22977	.33168	.24682	.13942

#1	6.7487	8.8974	2.1838	1.9171	1.3180	2.0057	2.4580	1.4648
#2	6.7315	8.8880	2.1866	1.9121	1.3238	1.9924	2.4461	1.4669
#3	6.7853	8.9013	2.1858	1.9280	1.3225	1.9990	2.4540	1.4628

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.1309	.33018	.94866	.15282	.50289	2.8857	.12543	2.3256
Stddev	.0059	.00174	.00041	.00084	.00668	.0085	.00089	.0091
%RSD	.52380	.52664	.04272	.54937	1.3285	.29598	.71053	.39308

#1	1.1308	.33091	.94911	.15374	.50052	2.8839	.12626	2.3190
#2	1.1250	.33144	.94854	.15209	.51043	2.8783	.12448	2.3218
#3	1.1369	.32820	.94832	.15265	.49771	2.8951	.12554	2.3360

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	4.2765	.12128	1.8372	.52291	.94360	6.1084	40.547	
Stddev	.0131	.00090	.0106	.00221	.00365	.0184	.052	
%RSD	.30688	.74002	.57676	.42264	.38662	.30045	.12940	

#1	4.2785	.12201	1.8334	.52429	.94277	6.1125	40.559	
#2	4.2625	.12028	1.8290	.52036	.94043	6.0884	40.489	
#3	4.2885	.12155	1.8491	.52407	.94759	6.1244	40.592	

Sample Name: S4 Acquired: 8/20/2018 15:29:04 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v628) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1715.8	2074.3	42836.	4819.8	2914.8
Stddev	18.4	5.9	257.	15.4	9.8
%RSD	1.0751	.28613	.60073	.31935	.33602
#1	1716.3	2075.9	42758.	4814.7	2917.6
#2	1697.1	2079.3	42627.	4837.1	2922.9
#3	1734.0	2067.7	43124.	4807.7	2903.9

Sample Name: S5 Acquired: 8/20/2018 15:32:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v628) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.32754	.44799	8.6797	.63333	1.3720	19.974	65.309	6.4644
Stddev	.00123	.00121	.0357	.00170	.0052	.026	.121	.0431
%RSD	.37494	.27064	.41108	.26821	.37944	.13118	.18587	.66620

#1	.32877	.44684	8.6448	.63284	1.3721	19.995	65.316	6.4301
#2	.32632	.44926	8.6782	.63193	1.3668	19.982	65.184	6.5127
#3	.32754	.44788	8.7162	.63522	1.3772	19.944	65.426	6.4504

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	13.436	17.657	4.2750	3.8448	2.6179	3.9197	4.8161	2.9684
Stddev	.051	.044	.0101	.0143	.0055	.0180	.0122	.0083
%RSD	.37642	.24827	.23537	.37170	.20927	.45830	.25304	.27862

#1	13.392	17.651	4.2635	3.8304	2.6242	3.9082	4.8110	2.9609
#2	13.426	17.616	4.2820	3.8450	2.6148	3.9106	4.8073	2.9670
#3	13.491	17.703	4.2796	3.8589	2.6146	3.9404	4.8300	2.9773

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.2449	.67390	1.9277	.29977	1.0269	5.8512	.25945	4.5453
Stddev	.0080	.00212	.0062	.00049	.0113	.0039	.00026	.0436
%RSD	.35395	.31469	.32358	.16230	1.0966	.06651	.10151	.95986

#1	2.2385	.67325	1.9289	.29941	1.0374	5.8555	.25966	4.5102
#2	2.2424	.67627	1.9209	.29958	1.0150	5.8499	.25955	4.5942
#3	2.2538	.67217	1.9332	.30032	1.0283	5.8480	.25916	4.5316

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	8.8074	.25313	3.5221	1.0505	1.8501	12.502	80.349	
Stddev	.0281	.00095	.0291	.0020	.0080	.018	.885	
%RSD	.31886	.37370	.82517	.18710	.42982	.14148	1.1011	

#1	8.8177	.25412	3.4989	1.0511	1.8592	12.509	81.075	
#2	8.7756	.25304	3.5547	1.0483	1.8461	12.482	80.608	
#3	8.8288	.25223	3.5127	1.0520	1.8449	12.516	79.364	

Sample Name: S5 Acquired: 8/20/2018 15:32:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v628) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1590.4	1883.6	41025.	4710.2	2685.4
Stddev	8.4	10.1	155.	30.2	13.8
%RSD	.53117	.53570	.37749	.64017	.51435
#1	1582.2	1889.7	40863.	4710.2	2697.7
#2	1589.9	1889.1	41042.	4680.1	2688.1
#3	1599.1	1871.9	41171.	4740.4	2670.5

Sample Name: S6 Acquired: 8/20/2018 15:36:50 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v628) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S06 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	56.490	28.838	10.840	5.0949	5.6583
Stddev	.105	.057	.054	.0243	.0199
%RSD	.18518	.19598	.49691	.47695	.35169

#1	56.595	28.775	10.788	5.0684	5.6374
#2	56.488	28.884	10.896	5.1161	5.6604
#3	56.386	28.855	10.835	5.1002	5.6771

Int. Std.	Y_3710
Units	Cts/S
Avg	4645.1
Stddev	15.7
%RSD	.33836

#1	4662.5
#2	4640.8
#3	4632.0

Sample Name: ICV Acquired: 8/20/2018 15:41:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v628) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.006104	1.114621	1.027420	1.050833	.9391047	2.389196
Stddev	.001325	.003188	.005942	.006519	.0044139	.018120
%RSD	.1317001	.2860369	.5783722	.6204044	.4700057	.7584224

#1	1.006156	1.117884	1.021218	1.043309	.9386177	2.382027
#2	1.004754	1.111513	1.027977	1.054824	.9349546	2.375757
#3	1.007402	1.114468	1.033064	1.054364	.9437418	2.409804

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5337896	.5279086	.5231870	10.35865	.5308200	.5187718
Stddev	.0024138	.0030469	.0007880	.06952	.0025141	.0012546
%RSD	.4521950	.5771718	.1506131	.6711630	.4736226	.2418450

#1	.5335969	.5262928	.5228784	10.27859	.5335022	.5175601
#2	.5314779	.5260100	.5226001	10.39357	.5285172	.5186900
#3	.5362939	.5314231	.5240826	10.40380	.5304405	.5200653

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5298061	5.434647	.5473688	5.891781	.5309531	.5079222
Stddev	.0018088	.066575	.0030776	.034332	.0014381	.0005682
%RSD	.3414137	1.225002	.5622562	.5827074	.2708552	.1118728

#1	.5295946	5.369363	.5450981	5.919411	.5306017	.5082436
#2	.5281122	5.432138	.5461367	5.853346	.5297233	.5082569
#3	.5317113	5.502441	.5508716	5.902584	.5325344	.5072661

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.849576	.5365370	1.003140	9.519133	F .0109888	F 2.596393
Stddev	.243521	.0029441	.034594	.089588	.0006033	.014956
%RSD	2.472404	.5487308	3.448601	.9411372	5.490058	.5760451

#1	10.04662	.5366946	.970952	9.571218	.0106106	2.581926
#2	9.92478	.5393993	1.039721	9.415686	.0106713	2.595458
#3	9.57732	.5335173	.998747	9.570495	.0116846	2.611795

Sample Name: ICV Acquired: 8/20/2018 15:41:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v628) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.519478	-.001254	2.573288	F 2.543219	2.741294	.0066735
Stddev	.007233	.001444	.021775	.003318	.015696	.0005803
%RSD	.2870893	115.1811	.8461828	.1304826	.5725910	8.694898

#1	2.515887	-.002263	2.562680	2.541228	2.727389	.0060452
#2	2.514744	.000401	2.558850	2.541380	2.738178	.0067860
#3	2.527804	-.001900	2.598334	2.547050	2.758315	.0071893

Elem	Sr4077
Units	ppm
Avg	.0122567
Stddev	.0002245
%RSD	1.831926

#1	.0120213
#2	.0122803
#3	.0124685

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1952.463	2381.008	46892.98	5058.933	3501.420
Stddev	8.161	7.427	193.59	37.790	8.430
%RSD	.4179916	.3119203	.4128366	.7469863	.2407629

#1	1958.957	2383.644	46676.32	5053.097	3503.059
#2	1943.302	2386.756	46953.66	5099.301	3508.911
#3	1955.131	2372.622	47048.96	5024.401	3492.291

Sample Name: ICB Acquired: 8/20/2018 15:45:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v628) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004503	.0031360	-.001831	.0025285	.0003182	-.014667
Stddev	.0028722	.0035700	.000993	.0052013	.0003122	.018439
%RSD	637.8531	113.8405	54.20281	205.7048	98.11029	125.7219

#1	.0010759	.0070784	-.002318	.0069199	.0005626	-.009678
#2	.0029581	.0001216	-.002487	-.003215	-.000033	.000765
#3	-.002683	.0022080	-.000689	.003881	.000426	-.035087

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000628	-.000046	-.000041	.0355407	.0003427	.0001554
Stddev	.001003	.000046	.000073	.0082592	.0002936	.0001496
%RSD	159.6143	99.61451	177.5279	23.23885	85.66624	96.26541

#1	-.001247	-.000070	.000018	.0290051	.0001066	.0003092
#2	.000529	-.000076	-.000122	.0448234	.0006715	.0001468
#3	-.001166	.000007	-.000019	.0327935	.0002501	.0000103

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015013	-.030744	-.000294	.0153796	.0001006	-.000179
Stddev	.0019434	.030030	.000328	.0416255	.0002378	.000203
%RSD	129.4439	97.67655	111.5895	270.6539	236.5021	112.9702

#1	.0037449	-.022350	-.000596	.0563372	.0001236	-.000403
#2	.0004194	-.005804	-.000342	-.026883	-.000148	-.000125
#3	.0003397	-.064078	.000055	.016685	.000326	-.000009

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.160318	.0035598	.0055481	-.025605	-.003104	F .0150374
Stddev	.067403	.0067624	.0103261	.077244	.002347	.0009002
%RSD	42.04335	189.9660	186.1199	301.6761	75.59893	5.986149

#1	-.083095	.0045614	.0076409	.051185	-.005522	.0156009
#2	-.190529	.0097656	-.005664	-.103295	-.002955	.0155119
#3	-.207330	-.003648	.014667	-.024705	-.000836	.0139992

Sample Name: ICB Acquired: 8/20/2018 15:45:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v628) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000096	-.003443	.0022035	.0023029	-.000838	.0004348
Stddev	.000192	.001925	.0007094	.0006078	.001479	.0011693
%RSD	200.3987	55.92534	32.19148	26.39115	176.5909	268.9379

#1	-.000302	-.005373	.0030005	.0016012	.000765	.0013212
#2	.000077	-.003433	.0019688	.0026577	-.001127	.0008737
#3	-.000061	-.001522	.0016413	.0026500	-.002151	-.000890

Elem	Sr4077
Units	ppm
Avg	-.000095
Stddev	.000085
%RSD	89.40005

#1	.000003
#2	-.000148
#3	-.000141

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1911.982	2353.147	45846.83	4954.925	3487.122
Stddev	9.601	13.199	241.10	13.207	16.630
%RSD	.5021308	.5608897	.5258708	.2665468	.4768938

#1	1901.112	2361.834	45576.37	4964.325	3495.616
#2	1919.304	2359.648	46039.19	4960.625	3497.789
#3	1915.529	2337.959	45924.95	4939.825	3467.961

Sample Name: ICSA Acquired: 8/20/2018 15:53:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v628) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002951	-.002515	-.003538	.0030972	.0039475	243.2527
Stddev	.000676	.002706	.001971	.0033248	.0008859	1.2244
%RSD	22.90168	107.5666	55.70406	107.3467	22.44162	.5033444

#1	-.003161	-.002083	-.002353	.0034614	.0046968	244.2032
#2	-.002195	-.000052	-.005813	-.000395	.0041757	241.8710
#3	-.003496	-.005411	-.002448	.006225	.0029698	243.6839

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057045	.0011198	-.000968	253.4848	.0545878	.0000700
Stddev	.0008131	.0000654	.000039	1.1897	.0003600	.0001648
%RSD	14.25454	5.841680	4.001727	.4693514	.6594849	235.3689

#1	.0066313	.0010756	-.000984	253.7621	.0548559	-.000082
#2	.0051108	.0011949	-.000924	254.5113	.0547288	.000046
#3	.0053713	.0010889	-.000997	252.1809	.0541786	.000245

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007802	105.8360	.0099594	256.9637	.0038376	-.000229
Stddev	.002348	.9362	.0013383	2.0226	.0004971	.000244
%RSD	30.08941	.8845297	13.43713	.7871088	12.95300	106.7331

#1	-.008845	105.5410	.0110196	256.9177	.0036597	-.000135
#2	-.009447	106.8841	.0084557	259.0090	.0043992	-.000045
#3	-.005113	105.0829	.0104028	254.9646	.0034540	-.000506

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2270041	.0078762	.0184969	-.484491	.0009120	F .1143095
Stddev	.2410224	.0022437	.0101903	.125414	.0015705	.0015226
%RSD	106.1753	28.48722	55.09191	25.88563	172.1974	1.332001

#1	.0409084	.0056632	.0279409	-.528264	.0022819	.1159324
#2	.1408368	.0078160	.0198534	-.343057	.0012561	.1140837
#3	.4992671	.0101494	.0076963	-.582151	-.000802	.1129124

Sample Name: ICSA Acquired: 8/20/2018 15:53:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v628) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019068	-.009181	-.003710	-.003647	-.002218	.0021391
Stddev	.0002412	.003142	.000425	.000806	.002088	.0022401
%RSD	12.65032	34.22344	11.45614	22.09508	94.12091	104.7213

#1	.0018883	-.005556	-.003758	-.003448	-.000608	-.000263
#2	.0021567	-.010850	-.004110	-.002959	-.001469	.002508
#3	.0016753	-.011136	-.003264	-.004534	-.004577	.004172

Elem	Sr4077
Units	ppm
Avg	.1073346
Stddev	.0003864
%RSD	.3600430

#1	.1076384
#2	.1074657
#3	.1068996

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1776.339	2204.645	42911.04	4921.527	3015.729
Stddev	18.548	7.188	320.70	37.719	10.795
%RSD	1.044196	.3260489	.7473645	.7664142	.3579604

#1	1757.806	2205.775	42578.01	4959.947	3015.410
#2	1794.903	2211.202	43217.80	4884.550	3026.680
#3	1776.308	2196.959	42937.30	4920.083	3005.097

Sample Name: ICSAB Acquired: 8/20/2018 15:57:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v628) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1060538	.1074719	.0490574	.0567535	.6021334	244.3652
Stddev	.0037134	.0067148	.0025771	.0046349	.0023157	.6770
%RSD	3.501437	6.247952	5.253273	8.166766	.3845774	.2770504

#1	.1083263	.1066152	.0494492	.0600031	.5997420	244.6788
#2	.1080666	.1012266	.0514163	.0514460	.6022930	243.5882
#3	.1017686	.1145740	.0463069	.0588114	.6043651	244.8285

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5594515	.5493829	1.077725	253.3486	.6005473	.5336044
Stddev	.0033412	.0043698	.004832	1.0214	.0009015	.0021989
%RSD	.5972293	.7953979	.4483686	.4031649	.1501115	.4120750

#1	.5625560	.5535412	1.076834	254.0768	.5995075	.5319718
#2	.5598832	.5497788	1.073401	253.7880	.6011096	.5327367
#3	.5559155	.5448286	1.082941	252.1811	.6010247	.5361047

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5134007	106.1026	.5792530	257.5895	1.084017	.1726375
Stddev	.0061274	.4381	.0041347	.8749	.005662	.0005684
%RSD	1.193483	.4129054	.7138010	.3396393	.5223546	.3292755

#1	.5086216	106.3682	.5796662	257.9398	1.084537	.1724030
#2	.5112720	106.3426	.5831655	258.2350	1.078112	.1732857
#3	.5203085	105.5969	.5749272	256.5938	1.089401	.1722239

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.096051	.5467045	1.027920	-1.75204	.0312774	F .1110011
Stddev	.474144	.0060966	.017410	.02032	.0024332	.0015014
%RSD	493.6375	1.115146	1.693753	1.159891	7.779476	1.352604

#1	.366749	.5463076	1.029878	-1.77148	.0340347	.1116366
#2	-.580778	.5529898	1.044268	-1.73094	.0303668	.1120802
#3	-.074124	.5408160	1.009613	-1.75371	.0294309	.1092864

Sample Name: ICSAB Acquired: 8/20/2018 15:57:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v628) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028717	.0007307	.0020804	-.003511	-.005670	-.003131
Stddev	.0002918	.0036175	.0019102	.001051	.002229	.002907
%RSD	10.16060	495.0569	91.81801	29.94313	39.30473	92.84231

#1	.0025381	.0019521	.0033790	-.003677	-.008239	-.003918
#2	.0030795	.0035795	.0029752	-.004470	-.004515	-.005564
#3	.0029974	-.003339	-.000113	-.002387	-.004256	.000088

Elem	Sr4077
Units	ppm
Avg	.1071007
Stddev	.0003367
%RSD	.3143986

#1	.1073667
#2	.1072134
#3	.1067221

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1800.741	2224.594	43556.50	4958.814	3049.471
Stddev	21.860	7.936	206.98	16.360	12.137
%RSD	1.213966	.3567336	.4751947	.3299125	.3980078

#1	1783.487	2230.214	43450.85	4944.314	3056.217
#2	1793.413	2228.053	43423.68	4955.578	3056.737
#3	1825.324	2215.516	43794.99	4976.550	3035.460

Sample Name: CCV095 Acquired: 8/20/2018 16:01:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v628) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV095 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.814360	4.868607	24.43654	4.776031	4.871578	404.6274	10.07290
Stddev	.021133	.031129	.07460	.016176	.015680	.6591	.03936
%RSD	.4389500	.6393797	.3052873	.3386934	.3218701	.1628827	.3907036

#1	4.815058	4.870331	24.45069	4.765675	4.854610	405.3374	10.03855
#2	4.792886	4.836652	24.35588	4.767747	4.874591	404.5098	10.06430
#3	4.835135	4.898838	24.50305	4.794671	4.885534	404.0351	10.11584

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5054809	2.479456	406.5379	15.13253	2.495248	14.81159	415.5434
Stddev	.0040663	.009382	2.0570	.05508	.007740	.01455	2.2510
%RSD	.8044401	.3783946	.5059873	.3639971	.3101798	.0982303	.5417081

#1	.5007903	2.478581	404.6642	15.18858	2.495838	14.80053	413.3539
#2	.5076425	2.470542	406.2104	15.13053	2.487231	14.80616	415.4250
#3	.5080099	2.489245	408.7390	15.07847	2.502677	14.82807	417.8513

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.87564	405.5147	2.503937	1.266999	399.4624	2.485457	14.58844
Stddev	.05962	1.4623	.010817	.010403	2.9080	.011999	.14332
%RSD	.4007737	.3605925	.4320022	.8210516	.7279729	.4827878	.9823998

#1	14.81762	404.4758	2.506320	1.255105	397.0428	2.471875	14.57130
#2	14.87256	404.8815	2.492127	1.271491	398.6559	2.489873	14.73955
#3	14.93674	407.1869	2.513363	1.274401	402.6885	2.494622	14.45446

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.9935	5.020853	5.148236	4.826518	5.072900	4.887156	5.013221
Stddev	.4209	.033332	.050136	.016971	.027221	.034256	.016519
%RSD	.2769249	.6638761	.9738513	.3516256	.5365980	.7009437	.3295168

#1	152.0475	5.016112	5.090781	4.813704	5.072784	4.848265	5.012307
#2	151.5482	4.990145	5.170816	4.820086	5.045737	4.912854	4.997178
#3	152.3848	5.056302	5.183112	4.845765	5.100179	4.900349	5.030178

Sample Name: CCV095 Acquired: 8/20/2018 16:01:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v628) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV095 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.944602	5.057273	4.970871
Stddev	.009822	.015247	.011759
%RSD	.1986508	.3014954	.2365490

#1	4.955856	5.049678	4.961666
#2	4.940195	5.047315	4.966830
#3	4.937754	5.074826	4.984118

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1650.106	2012.660	41341.39	4774.619	2747.480
Stddev	12.312	9.249	70.39	6.919	13.125
%RSD	.7461401	.4595401	.1702592	.1449096	.4777013

#1	1660.963	2018.488	41282.38	4780.825	2751.516
#2	1636.729	2017.498	41322.49	4775.873	2758.113
#3	1652.625	2001.996	41419.29	4767.159	2732.811

Sample Name: CCB095 Acquired: 8/20/2018 16:05:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v628) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB095 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024742	.0005916	-.000915	.0035270	-.000465	-.007686
Stddev	.0029300	.0009688	.000882	.0018448	.000226	.018621
%RSD	118.4184	163.7672	96.33787	52.30424	48.61551	242.2748

#1	-.000898	-.000372	-.001822	.0016857	-.000238	-.004307
#2	.004398	.001565	-.000863	.0053752	-.000467	-.027764
#3	.003923	.000582	-.000061	.0035202	-.000689	.009014

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000301	-.000013	-.000062	.0151647	-.000338	.0001350
Stddev	.0006882	.000049	.000078	.0138192	.000539	.0002793
%RSD	2283.984	371.8224	125.8495	91.12771	159.4463	206.9742

#1	-.000709	.000002	-.000084	.0198861	.000177	-.000121
#2	.000652	-.000067	-.000126	-.000396	-.000898	.000093
#3	.000148	.000026	.000025	.026004	-.000292	.000433

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001342	-.019556	-.000467	-.021313	.0000430	.0002339
Stddev	.003348	.006081	.000499	.043165	.0009137	.0002635
%RSD	249.5014	31.09643	106.9108	202.5283	2127.456	112.6653

#1	.001238	-.013891	-.000651	-.048935	.0002079	-.000001
#2	-.000138	-.018795	.000098	.028428	-.000942	.000519
#3	-.005126	-.025981	-.000847	-.043432	.000863	.000184

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2522666	.0043561	-.000865	.2211366	-.001237	F .0144220
Stddev	.0718163	.0051445	.012740	.0589525	.001147	.0004989
%RSD	28.46840	118.0986	1473.559	26.65888	92.70274	3.459497

#1	.3351927	-.001583	.011467	.2645502	-.002430	.0148962
#2	.2109669	.007204	-.000083	.2448374	-.000143	.0144681
#3	.2106403	.007447	-.013977	.1540222	-.001137	.0139016

Sample Name: CCB095 Acquired: 8/20/2018 16:05:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v628) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB095 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000027	-.000812	.0001672	.0011579	-.000692	-.000306
Stddev	.000235	.001097	.0013571	.0006084	.001414	.001072
%RSD	863.8929	135.0621	811.5404	52.54329	204.1697	350.3643

#1	.000150	-.001487	-.000368	.0018499	-.002079	-.001155
#2	-.000294	-.001404	-.000841	.0009172	-.000745	.000899
#3	.000062	.000454	.001710	.0007067	.000747	-.000662

Elem	Sr4077
Units	ppm
Avg	.0000101
Stddev	.0002003
%RSD	1990.572

#1	.0002397
#2	-.000081
#3	-.000129

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1886.270	2347.817	45435.14	4975.600	3467.817
Stddev	5.114	4.501	118.74	42.653	10.855
%RSD	.2711124	.1916915	.2613370	.8572343	.3130353

#1	1880.487	2352.808	45349.16	4926.600	3478.727
#2	1888.128	2346.576	45385.64	4995.800	3467.705
#3	1890.195	2344.068	45570.62	5004.400	3457.017

Sample Name: J4306-03 Acquired: 8/20/2018 16:12:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v628) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GD8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0743639	-.001310	.8479657	.0057696	.0120556	51.25034	1.232537
Stddev	.0051883	.003202	.0073823	.0040582	.0012824	.25567	.002177
%RSD	6.976958	244.4366	.8705927	70.33775	10.63725	.4988603	.1765964

#1	.0702988	-.002827	.8527441	.0050067	.0111502	51.53877	1.235050
#2	.0725852	-.003471	.8394631	.0101551	.0114935	51.16061	1.231275
#3	.0802076	.002369	.8516900	.0021470	.0135230	51.05163	1.231285

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038602	.0394420	482.8005	.0580086	.0339856	1.279339	77.76398
Stddev	.0000582	.0001432	.6239	.0007277	.0003713	.002792	.19787
%RSD	1.506931	.3631447	.1292273	1.254422	1.092378	.2182542	.2544440

#1	.0038034	.0393115	483.4749	.0586132	.0335618	1.282556	77.69983
#2	.0039196	.0394192	482.6828	.0572010	.0341413	1.277546	77.60616
#3	.0038577	.0395953	482.2439	.0582117	.0342536	1.277914	77.98597

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.911380	63.78610	.0576978	.0109721	1.473095	.1549394	1.390183
Stddev	.008840	.25697	.0006847	.0002714	.418945	.0110339	.016897
%RSD	.3036338	.4028620	1.186703	2.473541	28.43978	7.121430	1.215424

#1	2.912833	63.69775	.0577762	.0111500	1.078640	.1641149	1.406459
#2	2.919403	63.58496	.0569773	.0106597	1.912849	.1426963	1.372728
#3	2.901903	64.07559	.0583399	.0111065	1.427795	.1580071	1.391362

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.19435	7.444034	.1940850	.0038645	8.441183	44.96196	.0048376
Stddev	.13685	.060074	.0025180	.0003640	.072013	.14457	.0000544
%RSD	.8450384	.8070112	1.297372	9.418698	.8531147	.3215274	1.124410

#1	16.23990	7.423939	.1913095	.0035745	8.454110	45.10101	.0048344
#2	16.30261	7.396583	.1947228	.0042730	8.363582	44.97243	.0047849
#3	16.04053	7.511580	.1962228	.0037460	8.505857	44.81245	.0048935

Sample Name: J4306-03 Acquired: 8/20/2018 16:12:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v628) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GD8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.749643	.1117805	1.729766
Stddev	.010693	.0008808	.001727
%RSD	.6111620	.7880092	.0998513

#1	1.761618	.1114508	1.731750
#2	1.746265	.1111121	1.728602
#3	1.741047	.1127786	1.728945

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1901.090	2376.259	46576.72	5330.065	3129.566
Stddev	10.912	4.581	13.65	21.796	9.378
%RSD	.5739675	.1927847	.0293171	.4089226	.2996583

#1	1909.186	2378.988	46567.15	5324.596	3123.880
#2	1888.681	2378.818	46570.65	5311.525	3140.390
#3	1905.403	2370.970	46592.35	5354.075	3124.428

Sample Name: J4306-04 Acquired: 8/20/2018 16:16:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v628) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GD8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0757243	-.004045	.8378761	.0045699	.0111971	50.69667	1.212161
Stddev	.0012951	.005263	.0048718	.0020340	.0019817	.21367	.002327
%RSD	1.710241	130.1033	.5814432	44.50722	17.69858	.4214750	.1919391

#1	.0771071	-.009815	.8360135	.0039306	.0125934	50.88284	1.212218
#2	.0745398	-.002810	.8342104	.0029325	.0120689	50.74381	1.214458
#3	.0755260	.000490	.8434044	.0068467	.0089289	50.46336	1.209806

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039953	.0389485	476.2048	.0568714	.0334324	1.273174	76.70138
Stddev	.0001281	.0001233	1.1269	.0011818	.0002734	.004719	.37526
%RSD	3.204954	.3166595	.2366357	2.078103	.8176085	.3706210	.4892546

#1	.0041011	.0388921	477.1245	.0563835	.0335461	1.278600	76.84007
#2	.0040320	.0390900	476.5420	.0560117	.0331206	1.270891	76.98755
#3	.0038530	.0388635	474.9478	.0582191	.0336306	1.270031	76.27651

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.872048	63.21741	.0570201	.0103071	1.507145	.1461878	1.348180
Stddev	.012182	.18875	.0006179	.0004357	.167870	.0054614	.023449
%RSD	.4241440	.2985706	1.083611	4.226822	11.13828	3.735854	1.739333

#1	2.875146	63.40527	.0564714	.0102172	1.671236	.1427849	1.364359
#2	2.882382	63.21917	.0568995	.0107807	1.335736	.1432913	1.358894
#3	2.858617	63.02779	.0576894	.0099234	1.514462	.1524873	1.321288

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.99370	7.345194	.1881943	.0038744	8.320947	44.16670	.0046992
Stddev	.13865	.023315	.0033708	.0001981	.033932	.62325	.0009478
%RSD	.8668946	.3174251	1.791149	5.112430	.4077940	1.411141	20.17042

#1	15.95962	7.351211	.1887366	.0038674	8.307949	44.86226	.0048197
#2	16.14621	7.319459	.1912612	.0040758	8.295434	43.97890	.0055810
#3	15.87527	7.364911	.1845853	.0036798	8.359457	43.65894	.0036969

Sample Name: J4306-04 Acquired: 8/20/2018 16:16:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v628) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GD8D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.729667	.1112994	1.707989
Stddev	.007306	.0021745	.004063
%RSD	.4224064	1.953731	.2378831

#1	1.736590	.1088596	1.710768
#2	1.730382	.1120056	1.709872
#3	1.722030	.1130330	1.703326

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1942.857	2416.851	47555.30	5354.992	3187.952
Stddev	22.545	5.059	122.78	28.405	4.257
%RSD	1.160402	.2093422	.2581835	.5304328	.1335423

#1	1925.940	2418.503	47590.66	5324.975	3188.040
#2	1934.179	2420.878	47418.72	5358.551	3192.164
#3	1968.451	2411.173	47656.52	5381.449	3183.651

Sample Name: J4306-05 Acquired: 8/20/2018 16:53:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v628) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GD8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1539733	.0909499	.9970726	.1018890	.1878786	61.17621	5.200387
Stddev	.0028022	.0038291	.0048477	.0047120	.0014322	.14430	.023487
%RSD	1.819943	4.210100	.4861880	4.624591	.7623047	.2358688	.4516402

#1	.1536329	.0949184	.9993252	.0986376	.1862840	61.07771	5.225621
#2	.1513568	.0872774	.9915085	.0997367	.1890554	61.34184	5.196377
#3	.1569301	.0906538	1.000384	.1072928	.1882965	61.10908	5.179163

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0981694	.1398631	544.7538	.4224010	.9941504	1.906160	89.31031
Stddev	.0004800	.0002296	1.0503	.0014838	.0037306	.005994	.16583
%RSD	.4889653	.1641670	.1928004	.3512814	.3752554	.3144349	.1856799

#1	.0977376	.1396813	545.9617	.4217794	.9925420	1.901042	89.46527
#2	.0986862	.1397868	544.2434	.4213291	.9914938	1.904685	89.13541
#3	.0980843	.1401211	544.0562	.4240945	.9984154	1.912753	89.33024

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.203755	71.53230	1.040063	.0991743	1.955529	1.117241	2.396067
Stddev	.006840	.42761	.004439	.0006880	.264512	.003926	.034302
%RSD	.1627019	.5977796	.4267997	.6937507	13.52636	.3514346	1.431602

#1	4.198113	71.93333	1.036955	.0983863	2.232394	1.121486	2.376242
#2	4.211362	71.08233	1.038086	.0996561	1.705402	1.116499	2.435676
#3	4.201790	71.58125	1.045147	.0994804	1.928790	1.113739	2.376283

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.77614	8.555436	.2060319	.0042901	9.595487	43.92667	.0074593
Stddev	.04131	.042864	.0026496	.0001612	.054882	.18218	.0023435
%RSD	.2199969	.5010128	1.286003	3.757746	.5719575	.4147318	31.41653

#1	18.80709	8.548102	.2041889	.0042881	9.587666	43.72297	.0072522
#2	18.72923	8.516712	.2048386	.0044523	9.544936	44.07402	.0052263
#3	18.79209	8.601494	.2090683	.0041299	9.653861	43.98300	.0098995

Sample Name: J4306-05 Acquired: 8/20/2018 16:53:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v628) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GD8S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.951130	.1318132	1.946363
Stddev	.000680	.0033021	.004050
%RSD	.0348690	2.505096	.2080832

#1	1.950423	.1322256	1.944434
#2	1.951186	.1348896	1.943638
#3	1.951781	.1283243	1.951017

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1862.084	2327.525	45790.82	5216.150	3030.055
Stddev	7.721	8.188	202.74	13.723	11.147
%RSD	.4146696	.3517932	.4427597	.2630953	.3678948

#1	1853.242	2330.503	45611.59	5216.775	3038.877
#2	1865.511	2333.808	46010.86	5229.550	3033.762
#3	1867.499	2318.265	45750.00	5202.125	3017.527

Sample Name: J4306-03LX5 Acquired: 8/20/2018 17:36:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v628) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GD8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0190221	-.006410	.1812767	.0048652	.0007448	10.83492	.2678936
Stddev	.0072624	.001388	.0022208	.0003773	.0017445	.01613	.0012876
%RSD	38.17898	21.65749	1.225070	7.755011	234.2336	.1488600	.4806424

#1	.0259225	-.006133	.1818132	.0044993	.0027496	10.83637	.2676976
#2	.0196987	-.005181	.1788368	.0052530	-.000427	10.85028	.2692679
#3	.0114450	-.007916	.1831800	.0048432	-.000088	10.81812	.2667152

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008408	.0085605	104.4075	.0146416	.0061431	.2688613	17.27793
Stddev	.0000506	.0001216	.2217	.0006489	.0000572	.0035606	.01967
%RSD	6.017654	1.420490	.2123750	4.432043	.9304493	1.324310	.1138701

#1	.0008902	.0084246	104.3480	.0139162	.0061435	.2662093	17.28278
#2	.0007891	.0086591	104.6529	.0151667	.0062000	.2674665	17.29472
#3	.0008430	.0085976	104.2215	.0148420	.0060857	.2729081	17.25628

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6387443	13.73589	.0117636	.0022850	.0604151	.0359699	.3135474
Stddev	.0024852	.19213	.0004033	.0003021	.0672599	.0019235	.0086312
%RSD	.3890718	1.398739	3.428286	13.22172	111.3297	5.347449	2.752767

#1	.6382286	13.56264	.0120140	.0025246	.1372893	.0371809	.3138681
#2	.6414468	13.94252	.0112984	.0023849	.0124042	.0369768	.3220137
#3	.6365574	13.70251	.0119784	.0019456	.0315517	.0337520	.3047602

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.501792	1.679614	.0376362	.0009759	1.875714	8.420256	-.001916
Stddev	.113729	.007691	.0007022	.0003115	.003191	.004065	.001224
%RSD	3.247729	.4579009	1.865878	31.92178	.1701343	.0482737	63.86349

#1	3.373388	1.671545	.0371771	.0013356	1.872104	8.424950	-.001665
#2	3.542151	1.686861	.0372869	.0007930	1.878159	8.417909	-.000838
#3	3.589837	1.680436	.0384446	.0007991	1.876879	8.417910	-.003246

Sample Name: J4306-03LX5 Acquired: 8/20/2018 17:36:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v628) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GD8L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3816995	.0191399	.3731609
Stddev	.0052167	.0018682	.0011319
%RSD	1.366703	9.760635	.3033296

#1	.3760277	.0170387	.3731741
#2	.3862923	.0206133	.3720225
#3	.3827786	.0197677	.3742862

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1787.924	2259.238	42703.73	5215.654	3190.095
Stddev	16.979	8.364	185.66	9.164	7.928
%RSD	.9496301	.3702317	.4347678	.1756953	.2485088

#1	1807.314	2254.082	42830.78	5205.128	3184.845
#2	1780.738	2268.889	42789.75	5221.851	3199.215
#3	1775.719	2254.743	42490.66	5219.983	3186.227

Sample Name: CCV096 Acquired: 8/20/2018 17:50:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v628) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV096 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.810934	4.802477	23.12741	5.188804	4.822437	371.0504	9.514128
Stddev	.051239	.032397	.11370	.023407	.028365	.7466	.035848
%RSD	1.065048	.6745892	.4916328	.4511001	.5881889	.2012100	.3767906

#1	4.808772	4.816475	23.08897	5.192842	4.825233	370.2260	9.500806
#2	4.760810	4.765435	23.03791	5.163640	4.792777	371.6810	9.486848
#3	4.863219	4.825522	23.25535	5.209928	4.849301	371.2443	9.554730

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4769182	2.368632	380.1527	14.38486	2.355655	13.61162	390.5275
Stddev	.0042752	.010348	1.7487	.00920	.013710	.04036	2.3388
%RSD	.8964219	.4368701	.4600091	.0639551	.5820195	.2964799	.5988845

#1	.4785304	2.363709	380.0055	14.39544	2.348438	13.56714	390.6040
#2	.4720713	2.361665	378.4823	14.38033	2.347061	13.62183	388.1513
#3	.4801529	2.380522	381.9704	14.37880	2.371466	13.64589	392.8271

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.93014	377.3032	2.403402	1.239374	368.3622	2.344139	13.98169
Stddev	.07232	2.5996	.014390	.002855	2.7721	.017171	.30738
%RSD	.5191395	.6890043	.5987379	.2303436	.7525593	.7324965	2.198422

#1	13.95279	377.1310	2.399794	1.240010	368.5925	2.358975	13.94284
#2	13.84921	374.7939	2.391160	1.241857	365.4821	2.325330	14.30664
#3	13.98842	379.9846	2.419253	1.236255	371.0121	2.348112	13.69558

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	140.3096	5.204795	4.817366	4.533758	5.306070	4.536668	4.892558
Stddev	.4293	.027616	.032886	.030995	.038509	.029477	.025152
%RSD	.3060002	.5305928	.6826472	.6836404	.7257451	.6497433	.5140887

#1	140.0931	5.193123	4.839508	4.533391	5.320584	4.556210	4.885928
#2	140.0317	5.184931	4.779579	4.502948	5.262413	4.502763	4.871385
#3	140.8041	5.236331	4.833013	4.564934	5.335212	4.551030	4.920361

Sample Name: CCV096 Acquired: 8/20/2018 17:50:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v628) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV096 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.552023	4.637397	4.625121
Stddev	.019917	.024219	.014878
%RSD	.4375371	.5222471	.3216760

#1	4.529434	4.626528	4.624209
#2	4.567057	4.620518	4.610720
#3	4.559578	4.665146	4.640434

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1594.729	1981.355	39590.54	4955.363	2687.935
Stddev	9.448	7.413	161.40	27.948	5.870
%RSD	.5924823	.3741392	.4076687	.5639983	.2183943

#1	1601.692	1979.710	39699.67	4945.386	2686.426
#2	1583.974	1989.453	39405.15	4986.930	2694.412
#3	1598.523	1974.904	39666.82	4933.772	2682.966

Sample Name: CCB096 Acquired: 8/20/2018 17:54:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v628) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB096 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002513	-.000684	.0006308	.0027736	-.000622	-.010630
Stddev	.001180	.001824	.0012577	.0022632	.001391	.012121
%RSD	46.96361	266.7605	199.3831	81.59711	223.4523	114.0184

#1	-.003855	-.000901	.0003303	.0035162	-.000287	-.014318
#2	-.001633	-.002390	-.000449	.0002324	.000570	-.020479
#3	-.002052	.001239	.002012	.0045722	-.002150	.002906

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000356	.0000004	-.000078	.0234061	-.000123	.0003804
Stddev	.000697	.0000275	.000056	.0180755	.000392	.0004653
%RSD	195.6489	7497.204	72.12843	77.22571	317.6836	122.3146

#1	-.000724	.0000033	-.000138	.0428179	-.000089	.0008927
#2	.000447	-.000028	-.000071	.0070586	.000250	.0002649
#3	-.000791	.000026	-.000026	.0203417	-.000531	-.000016

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006945	.0023321	-.000901	-.040093	-.000710	.0005012
Stddev	.002778	.0100916	.000510	.060193	.000426	.0002642
%RSD	40.00120	432.7291	56.62433	150.1311	59.94850	52.70423

#1	-.004577	.0117594	-.000412	-.093938	-.001191	.0005433
#2	-.010003	.0035501	-.000862	-.051234	-.000557	.0002186
#3	-.006256	-.008313	-.001430	.024891	-.000382	.0007419

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0821767	.0037206	.0094047	.3012826	-.007624	F .0147413
Stddev	.2983984	.0051961	.0179403	.0432070	.003910	.0002274
%RSD	363.1180	139.6572	190.7586	14.34103	51.28070	1.542505

#1	.1665648	-.001381	-.010083	.2689373	-.003177	.0148785
#2	-.249328	.003536	.013065	.2845588	-.010519	.0144789
#3	.329293	.009007	.025233	.3503518	-.009176	.0148667

Sample Name: CCB096 Acquired: 8/20/2018 17:54:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v628) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB096 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002701	-.005026	.0015012	.0007158	.0010104	.0030487
Stddev	.0003970	.002546	.0005625	.0005824	.0019187	.0024582
%RSD	146.9434	50.64645	37.46846	81.36089	189.8895	80.63233

#1	.0004598	-.007504	.0008780	.0004078	.0030910	.0011679
#2	-.000186	-.005157	.0019711	.0003521	-.000689	.0021480
#3	.000537	-.002418	.0016545	.0013875	.000630	.0058303

Elem	Sr4077
Units	ppm
Avg	-.000168
Stddev	.000107
%RSD	63.41477

#1	-.000256
#2	-.000200
#3	-.000049

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1824.150	2282.660	42952.93	5156.392	3274.205
Stddev	11.068	7.556	183.54	2.700	16.828
%RSD	.6067361	.3310327	.4272967	.0523674	.5139545

#1	1834.791	2286.300	43143.27	5159.500	3281.437
#2	1812.700	2287.708	42777.05	5155.050	3286.209
#3	1824.960	2273.973	42938.47	5154.625	3254.970