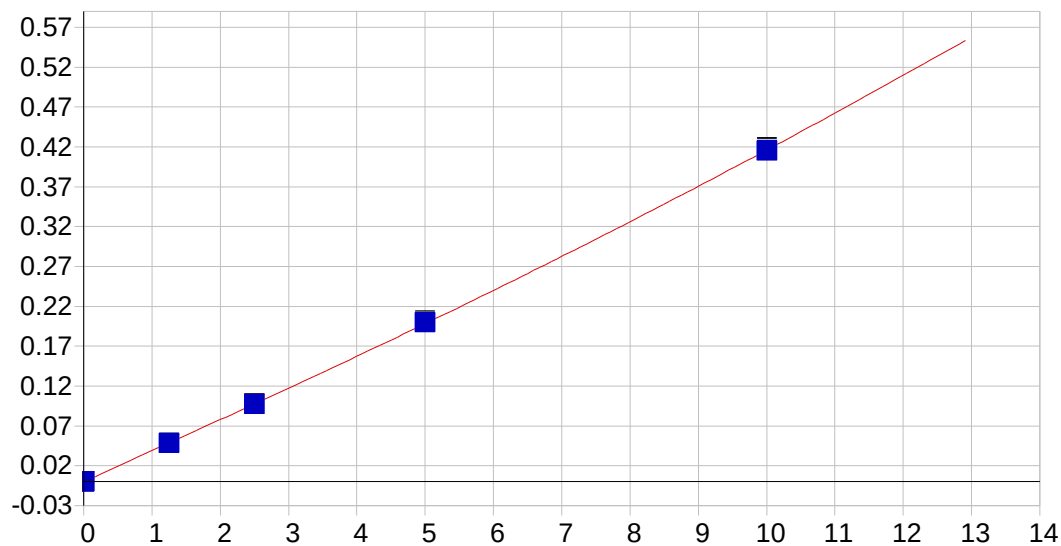




As 189.042 {479}

Date of Fit: 8/30/2018 13:33:56

Type of Fit: Full Fit

Weighting: 1/Conc

A0 (Offset): -0.000596

Re-Slope: 1.000000

A1 (Gain): 0.038971

Y-int: 0.000000

A2 (Curvature): 0.000736

n (Exponent): 0.960000

Correlation: 0.999975

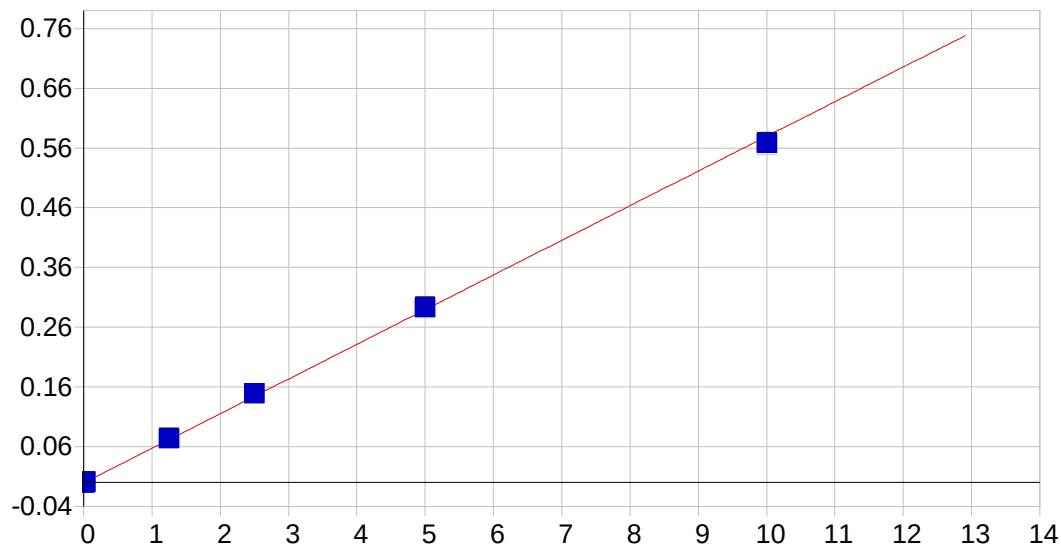
Status: Warning Positive Curvature

Std Error of Est: 0.000007

Predicted MDL: 0.004172

Predicted MQL: 0.013905

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00060	.000	1
S1	.01000	.01194	.002	19.4	-.00004	.000	1
S2	1.2500	1.2342	-.016	-1.26	.04832	.000	1
S3	2.5000	2.4911	-.009	-.357	.09748	.001	1
S4	5.0000	5.0356	.036	.712	.20022	.002	1
S5	10.000	9.9872	-.013	-.128	.41639	.003	1



TI 190.856 {477}

Date of Fit: 8/30/2018 13:33:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000692

Re-Slope: 1.000000

A1 (Gain): 0.058018

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999774

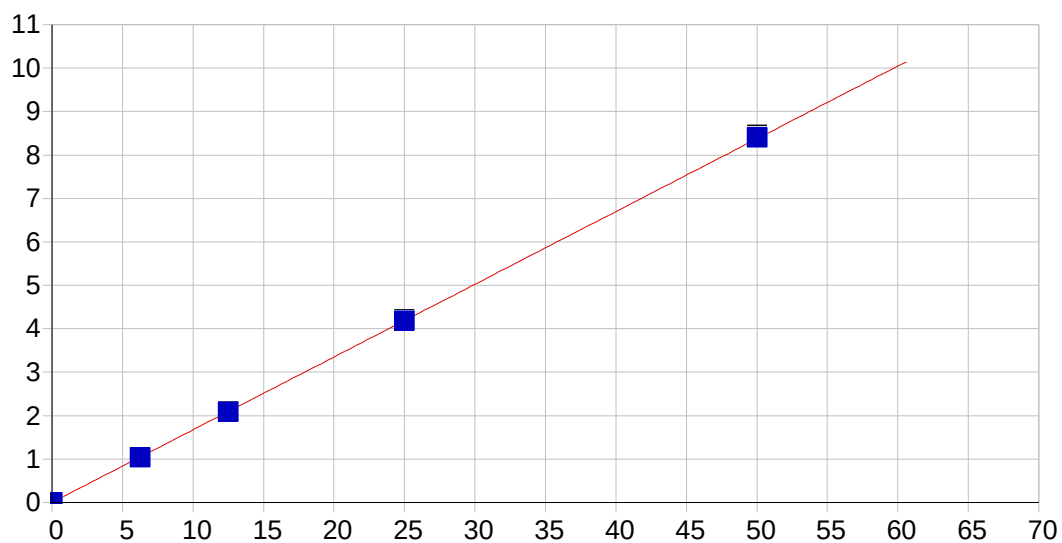
Status: OK.

Std Error of Est: 0.000033

Predicted MDL: 0.002704

Predicted MQL: 0.009014

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00069	.000	1
S1	.02500	.02647	.001	5.89	.00082	.000	1
S2	1.2500	1.2916	.042	3.33	.07380	.000	1
S3	2.5000	2.5819	.082	3.28	.14823	.000	1
S4	5.0000	5.0617	.062	1.23	.29122	.001	1
S5	10.000	9.8134	-.187	-1.87	.56515	.001	1

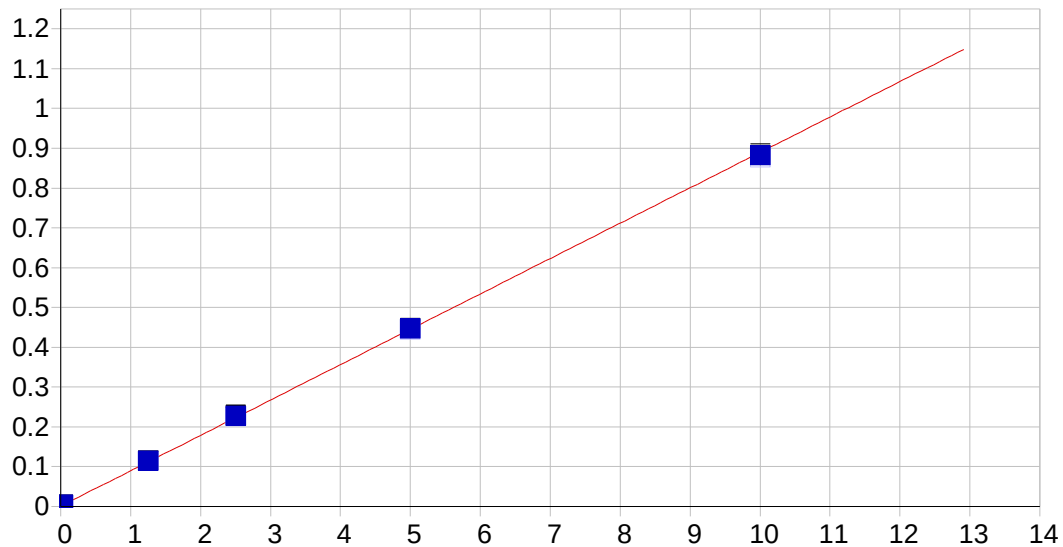


Pb 220.353 {453}

Date of Fit: 8/30/2018 13:33:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000320 Re-Slope: 1.000000
 A1 (Gain): 0.167464 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999989 Status: OK.
 Std Error of Est: 0.000030
 Predicted MDL: 0.002153
 Predicted MQL: 0.007176

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00032	.000	1
S1	.01000	.00934	-.001	-6.59	.00189	.000	1
S2	6.2500	6.1662	-.084	-1.34	1.0344	.003	1
S3	12.500	12.429	-.071	-.570	2.0846	.008	1
S4	25.000	24.991	-.009	-.037	4.1912	.017	1
S5	50.000	50.165	.165	.330	8.4128	.043	1

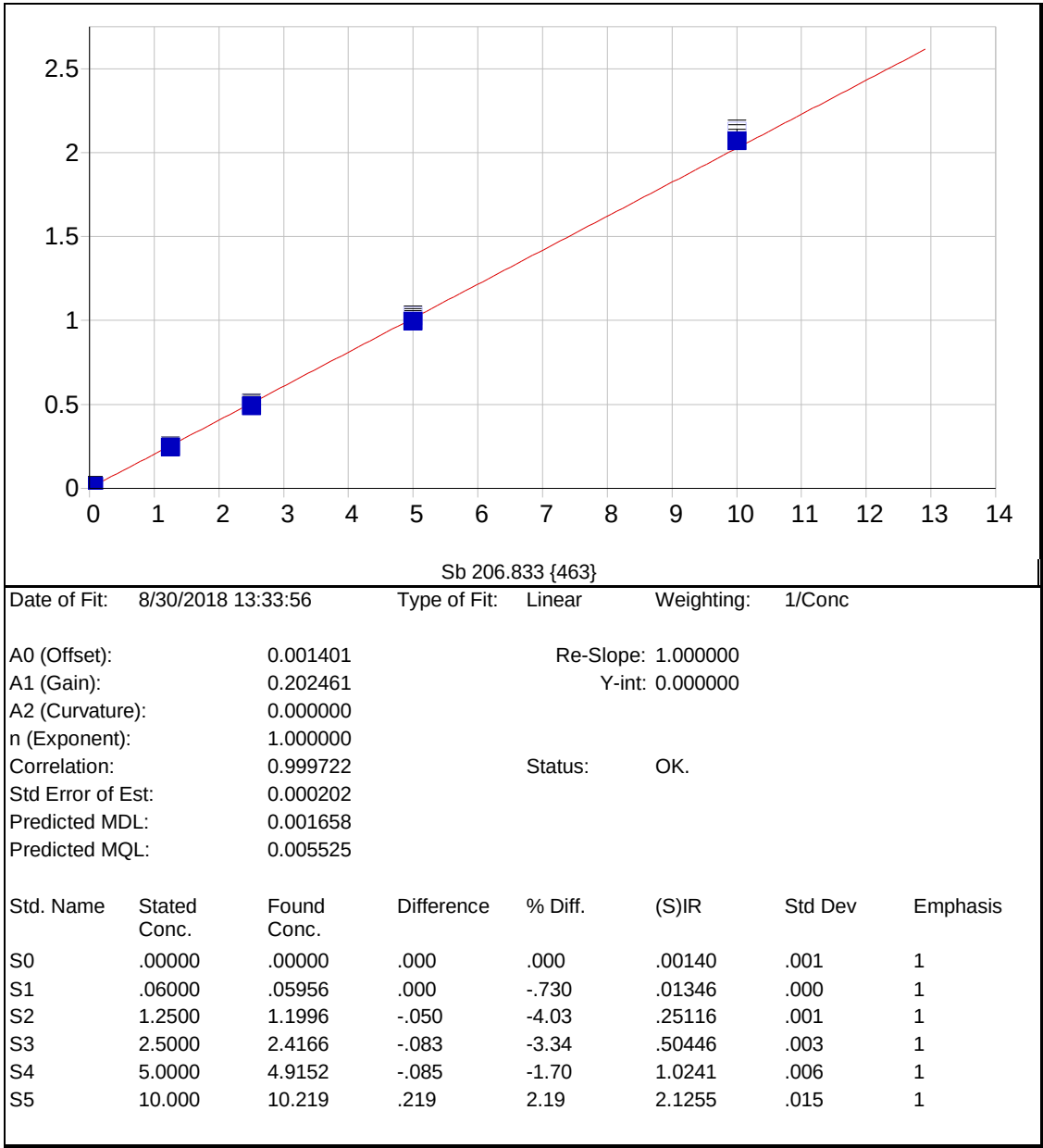


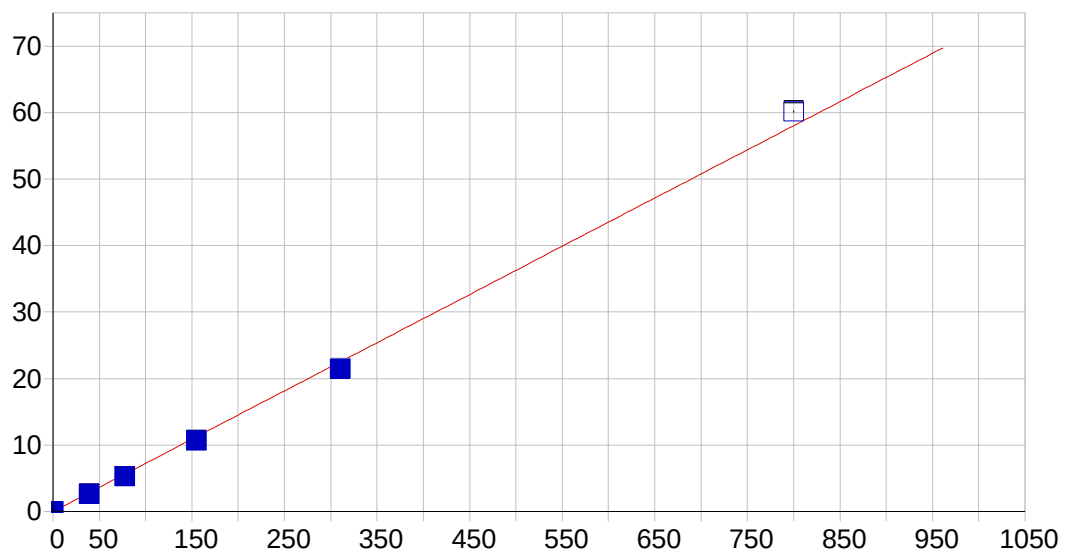
Se 196.090 {472}

Date of Fit: 8/30/2018 13:33:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000818 Re-Slope: 1.000000
 A1 (Gain): 0.088881 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999925 Status: OK.
 Std Error of Est: 0.000034
 Predicted MDL: 0.002956
 Predicted MQL: 0.009854

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00082	.000	1
S1	.03500	.03564	.001	1.82	.00398	.000	1
S2	1.2500	1.2835	.034	2.68	.11438	.001	1
S3	2.5000	2.5494	.049	1.98	.22637	.002	1
S4	5.0000	5.0097	.010	.194	.44400	.002	1
S5	10.000	9.9067	-.093	-.933	.87717	.005	1



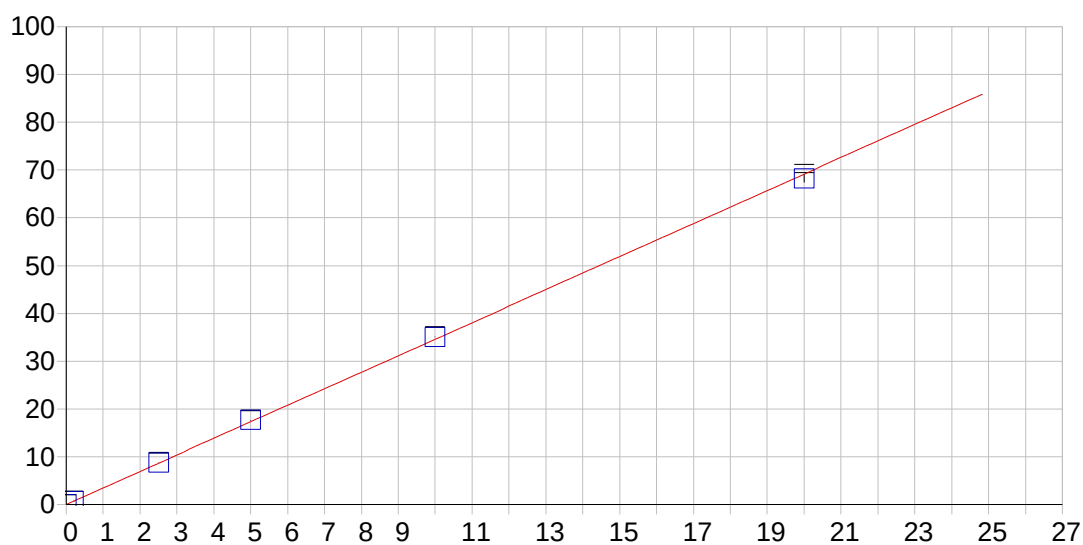


AI 396.152 { 85}

Date of Fit: 8/30/2018 13:33:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003305 Re-Slope: 1.000000
 A1 (Gain): 0.072525 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999046 Status: OK.
 Std Error of Est: 0.001971
 Predicted MDL: 0.016079
 Predicted MQL: 0.053595

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00331	.000	1
S1	.20000	.20418	.004	2.09	.01813	.001	1
S2	38.750	36.078	-2.67	-6.89	2.6225	.013	1
S3	77.500	72.342	-5.16	-6.66	5.2552	.008	1
S4	155.00	147.22	-7.78	-5.02	10.691	.029	1
S5	310.00	296.04	-14.0	-4.50	21.495	.046	1
S6	800.00	829.59	29.6	3.70	60.170	.147	1

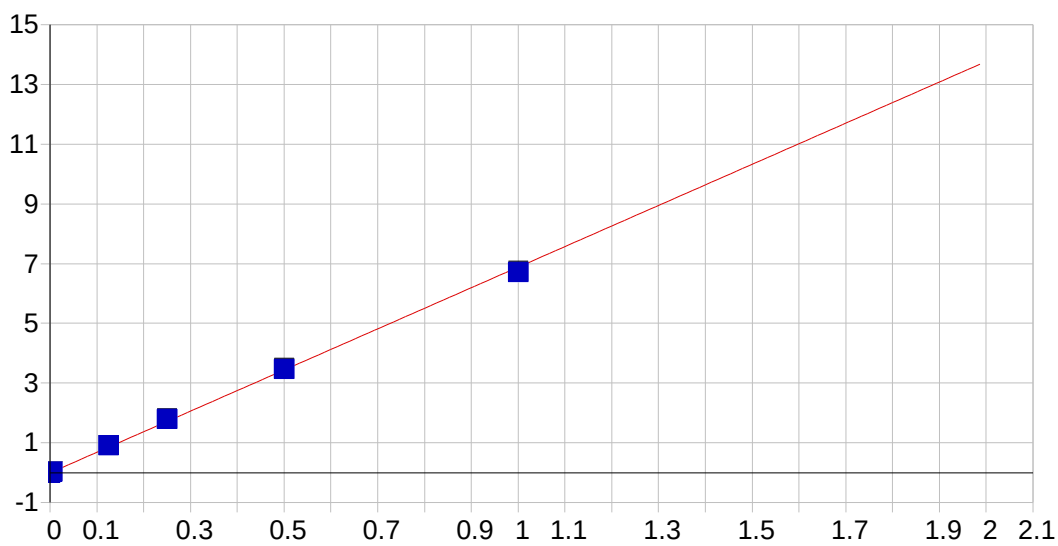


Ba 493.409 { 68}

Date of Fit: 8/30/2018 13:33:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.012936 Re-Slope: 1.000000
 A1 (Gain): 3.457736 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999897 Status: OK.
 Std Error of Est: 0.005273
 Predicted MDL: 0.000833
 Predicted MQL: 0.002777

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.01288	.002	1
S1	.20000	.20927	.009	4.63	.73652	.002	1
S2	2.5000	2.5298	.030	1.19	8.7605	.049	1
S3	5.0000	5.0936	.094	1.87	17.625	.052	1
S4	10.000	10.132	.132	1.32	35.045	.065	1
S5	20.000	19.736	-.264	-1.32	68.254	.812	1

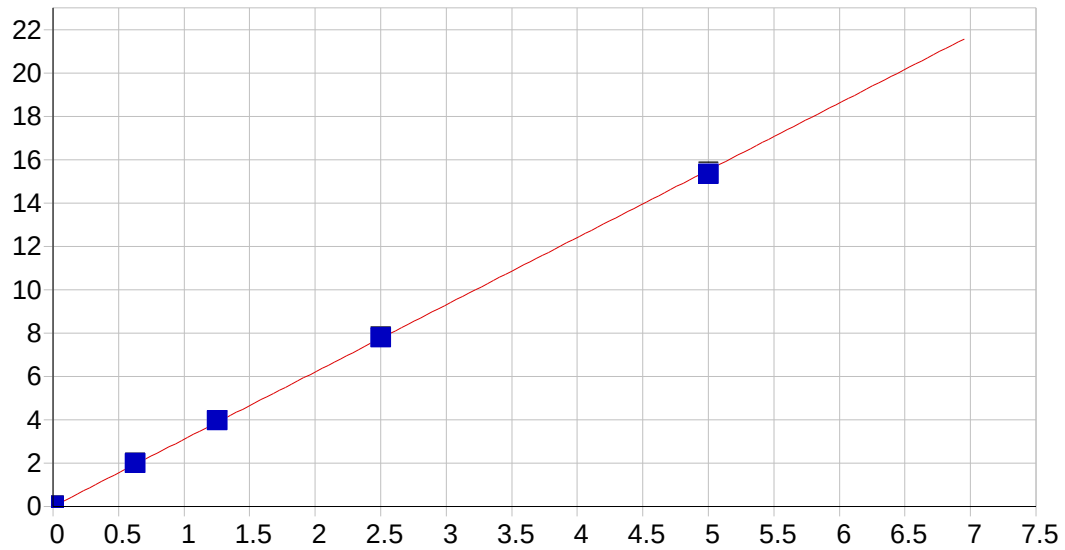


Be 234.861 {144}

Date of Fit: 8/30/2018 13:33:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002747 Re-Slope: 1.000000
 A1 (Gain): 6.887545 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999534 Status: OK.
 Std Error of Est: 0.000786
 Predicted MDL: 0.000075
 Predicted MQL: 0.000250

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00276	.000	1
S1	.00500	.00571	.001	14.2	.03657	.000	1
S2	.12500	.13335	.008	6.68	.91195	.001	1
S3	.25000	.26078	.011	4.31	1.7859	.010	1
S4	.50000	.50418	.004	.837	3.4548	.029	1
S5	1.0000	.97597	-.024	-2.40	6.6892	.024	1

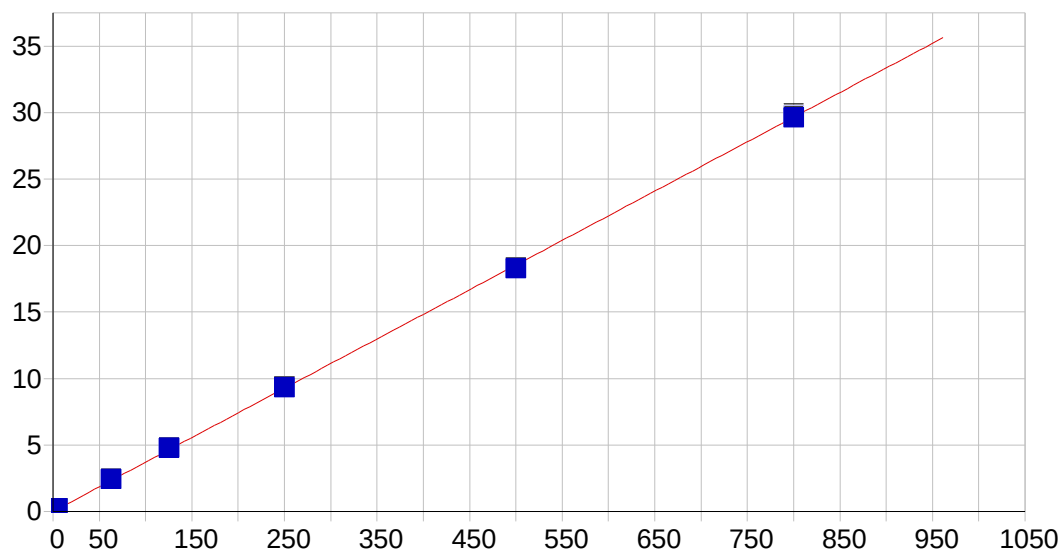


Cd 214.438 {457}

Date of Fit: 8/30/2018 13:33:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001114 Re-Slope: 1.000000
 A1 (Gain): 3.101682 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999901 Status: OK.
 Std Error of Est: 0.000367
 Predicted MDL: 0.000093
 Predicted MQL: 0.000310

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00111	.000	1
S1	.00500	.00555	.001	10.9	.01833	.000	1
S2	.62500	.64103	.016	2.56	1.9934	.005	1
S3	1.2500	1.2771	.027	2.17	3.9701	.011	1
S4	2.5000	2.5160	.016	.642	7.8210	.025	1
S5	5.0000	4.9403	-.060	-1.19	15.356	.068	1

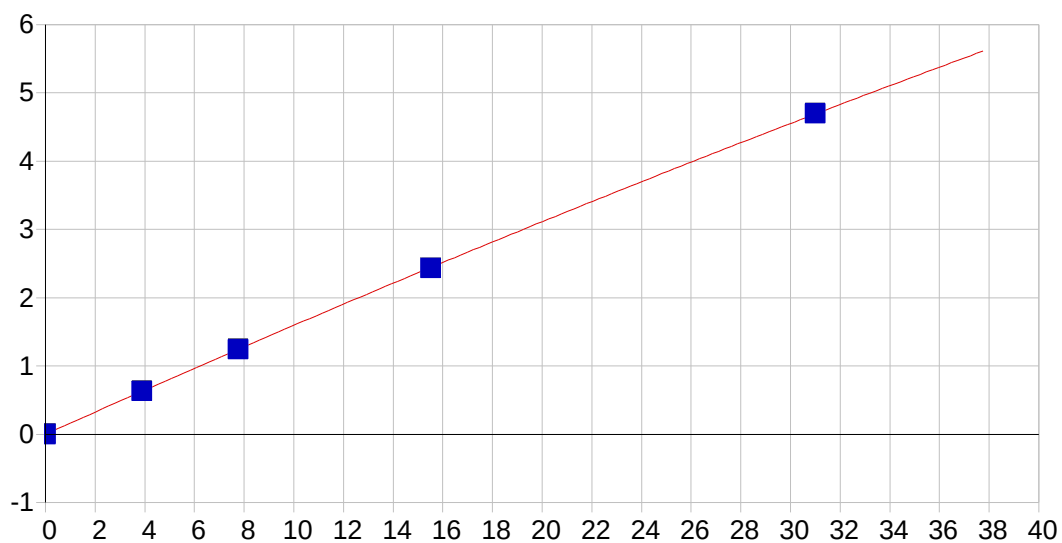


Ca 373.690 { 90}

Date of Fit: 8/30/2018 13:33:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002387 Re-Slope: 1.000000
 A1 (Gain): 0.037061 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999901 Status: OK.
 Std Error of Est: 0.001829
 Predicted MDL: 0.022944
 Predicted MQL: 0.076481

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00053	-.001	.000	.00237	.000	1
S1	5.0000	5.2138	.214	4.28	.19564	.000	1
S2	62.500	65.069	2.57	4.11	2.4222	.007	1
S3	125.00	128.72	3.72	2.98	4.7893	.013	1
S4	250.00	252.00	2.00	.800	9.3747	.019	1
S5	500.00	492.76	-7.24	-1.45	18.331	.032	1
S6	800.00	798.74	-1.26	-.157	29.780	.126	1

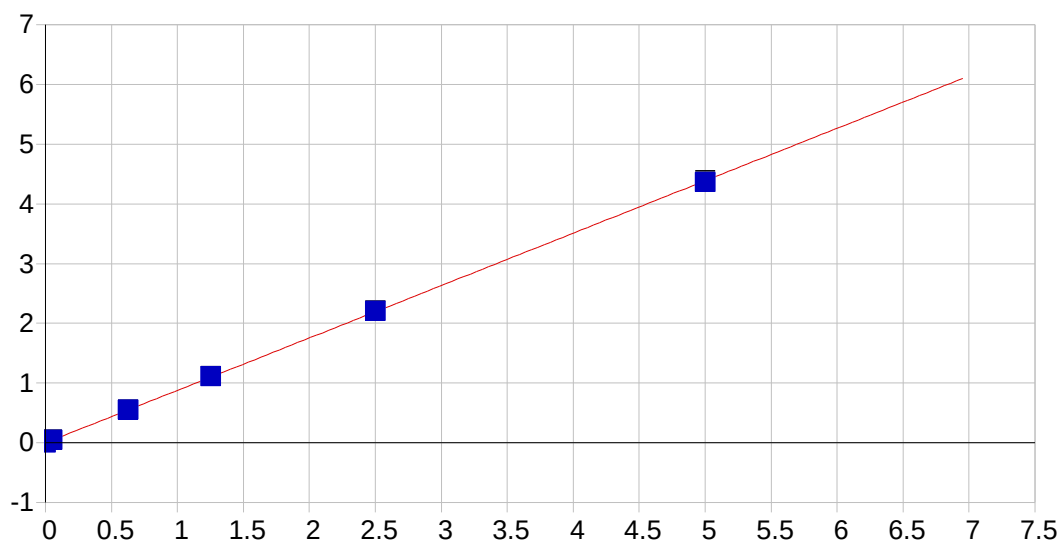


Cr 267.716 {126}

Date of Fit: 8/30/2018 13:33:56 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000007 Re-Slope: 1.000000
 A1 (Gain): 0.163607 Y-int: 0.000000
 A2 (Curvature): -0.000395
 n (Exponent): 1.000000
 Correlation: 0.999996 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.000559
 Predicted MQL: 0.001862

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00001	.000	1
S1	.01000	.01096	.001	9.57	.00180	.000	1
S2	3.8750	3.8954	.020	.528	.63246	.001	1
S3	7.7500	7.7625	.012	.161	1.2484	.001	1
S4	15.500	15.441	-.059	-.384	2.4365	.005	1
S5	31.000	31.026	.026	.083	4.7049	.005	1

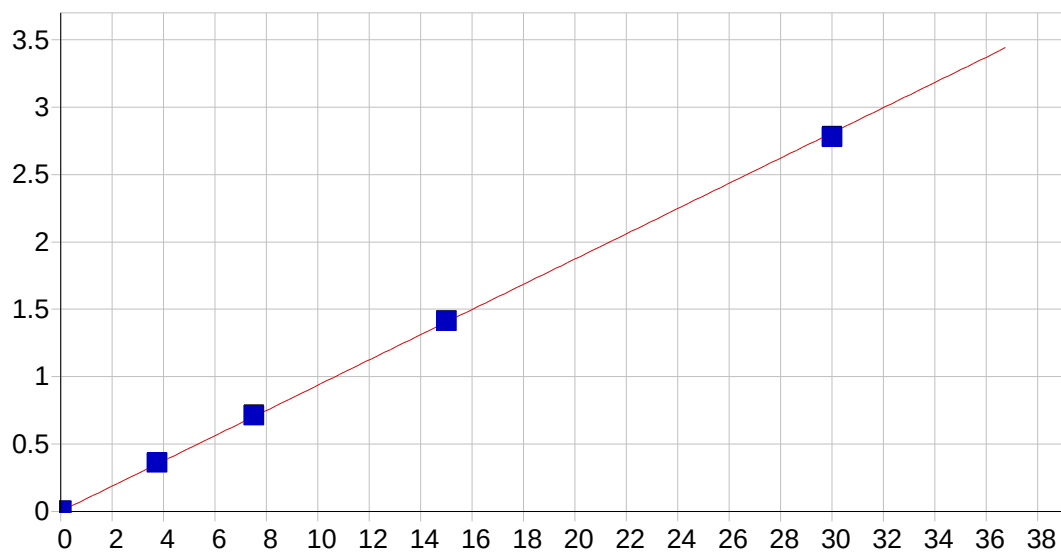


Co 228.616 {448}

Date of Fit: 8/30/2018 13:33:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000593 Re-Slope: 1.000000
 A1 (Gain): 0.877516 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999973 Status: OK.
 Std Error of Est: 0.000173
 Predicted MDL: 0.000318
 Predicted MQL: 0.001059

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00060	.000	1
S1	.05000	.05208	.002	4.15	.04527	.000	1
S2	.62500	.62990	.005	.784	.55324	.000	1
S3	1.2500	1.2643	.014	1.14	1.1110	.005	1
S4	2.5000	2.5098	.010	.391	2.2061	.007	1
S5	5.0000	4.9689	-.031	-.621	4.3684	.019	1

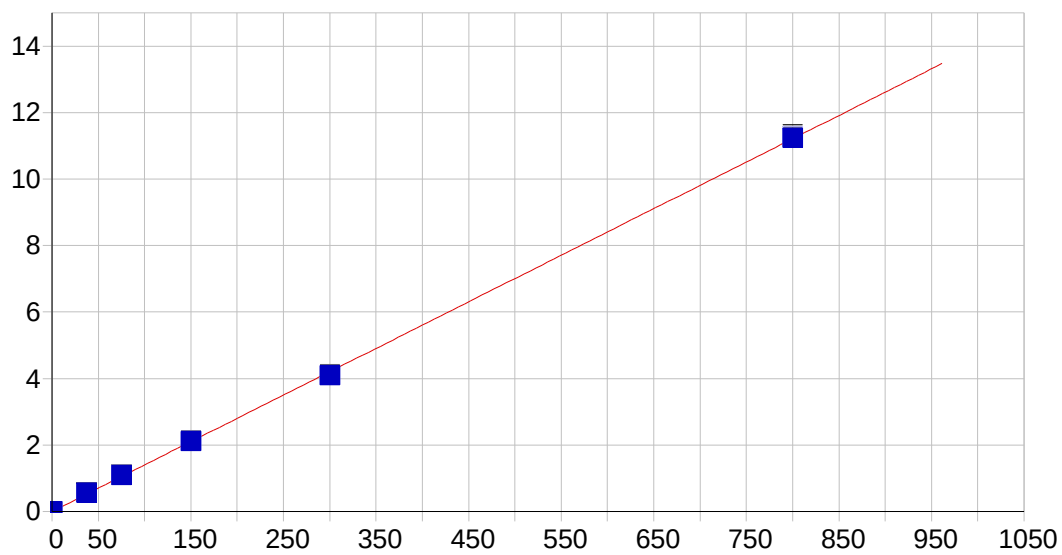


Cu 324.754 {104}

Date of Fit: 8/30/2018 13:33:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000984 Re-Slope: 1.000000
 A1 (Gain): 0.093612 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999884 Status: OK.
 Std Error of Est: 0.000065
 Predicted MDL: 0.005646
 Predicted MQL: 0.018821

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00098	.000	1
S1	.02500	.03567	.011	42.7	.00432	.000	1
S2	3.7500	3.8489	.099	2.64	.36107	.001	1
S3	7.5000	7.6201	.120	1.60	.71388	.001	1
S4	15.000	15.090	.090	.600	1.4127	.004	1
S5	30.000	29.680	-.320	-1.07	2.7777	.006	1

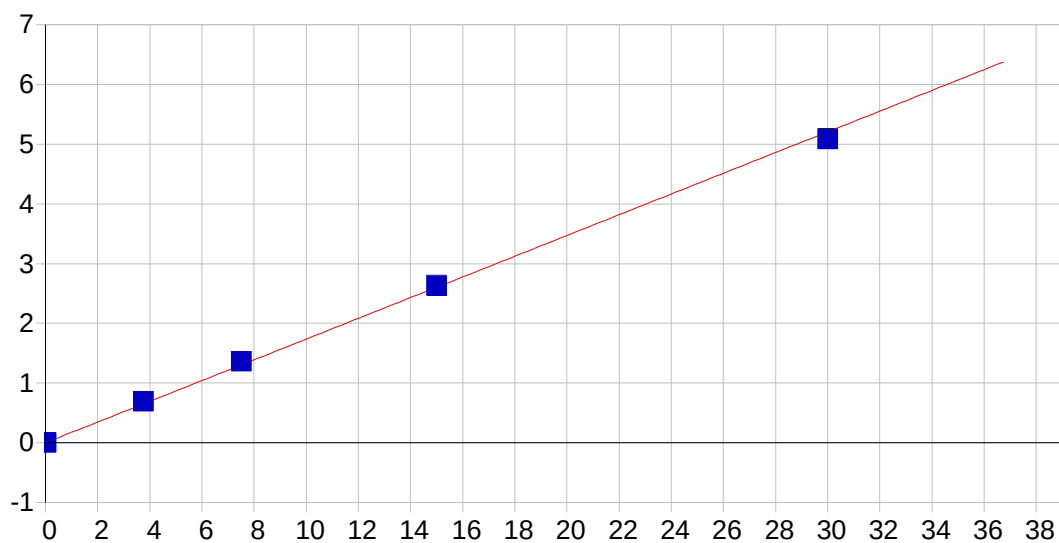


Fe 259.837 {130}

Date of Fit: 8/30/2018 13:33:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000112 Re-Slope: 1.000000
 A1 (Gain): 0.014014 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999815 Status: OK.
 Std Error of Est: 0.000118
 Predicted MDL: 0.019918
 Predicted MQL: 0.066394

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00011	.000	1
S1	.10000	.11475	.015	14.8	.00175	.000	1
S2	37.500	39.701	2.20	5.87	.55930	.001	1
S3	75.000	78.047	3.05	4.06	1.0995	.004	1
S4	150.00	151.28	1.28	.850	2.1314	.005	1
S5	300.00	291.53	-8.47	-2.82	4.1082	.013	1
S6	800.00	801.93	1.93	.241	11.289	.053	1

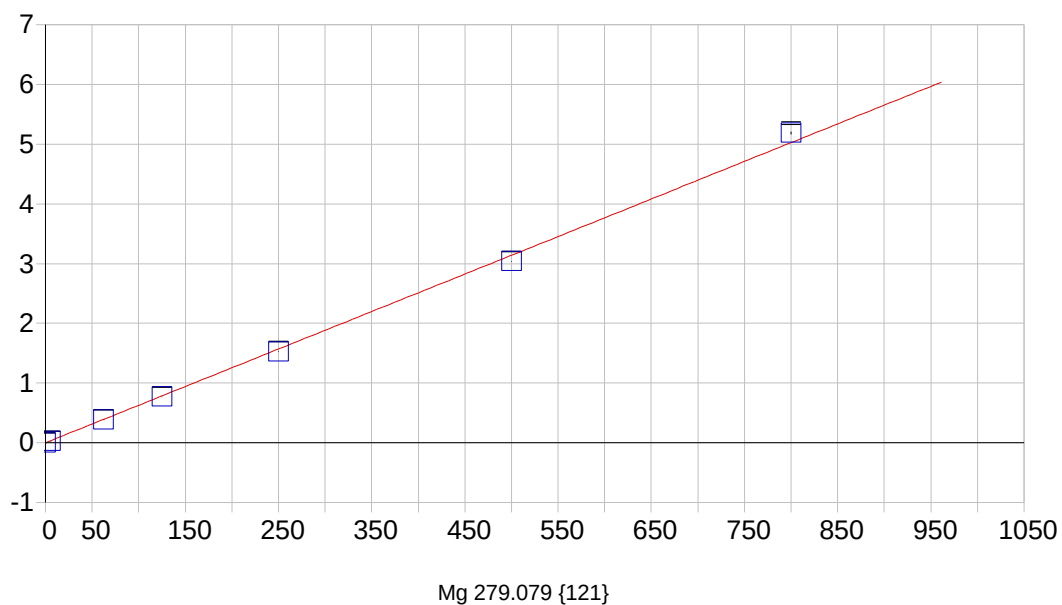


Mn 257.610 {131}

Date of Fit: 8/30/2018 13:33:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000117 Re-Slope: 1.000000
 A1 (Gain): 0.173550 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999588 Status: OK.
 Std Error of Est: 0.000177
 Predicted MDL: 0.001425
 Predicted MQL: 0.004751

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00012	.000	1
S1	.01500	.01816	.003	21.1	.00304	.000	1
S2	3.7500	3.9634	.213	5.69	.68787	.002	1
S3	7.5000	7.8325	.333	4.43	1.3595	.005	1
S4	15.000	15.166	.166	1.11	2.6326	.008	1
S5	30.000	29.285	-.715	-2.38	5.0834	.008	1



Date of Fit: 8/30/2018 13:33:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000203

Re-Slope: 1.000000

A1 (Gain): 0.006280

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999530

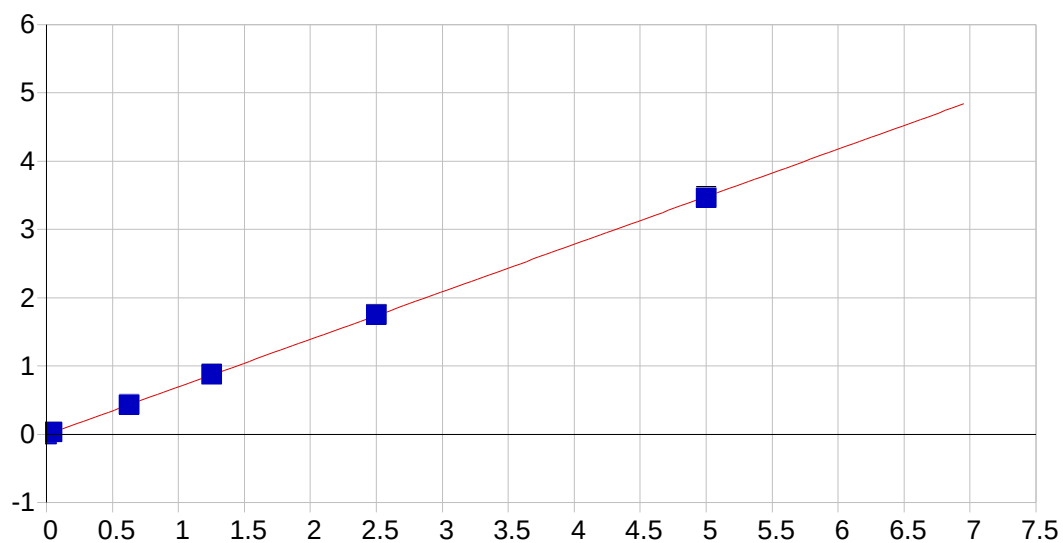
Status: OK.

Std Error of Est: 0.000672

Predicted MDL: 0.055547

Predicted MQL: 0.185157

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00019	.000	.000	-.00020	.000	1
S1	5.0000	5.1291	.129	2.58	.03201	.000	1
S2	62.500	61.440	-1.06	-1.70	.38564	.001	1
S3	125.00	122.47	-2.53	-2.02	.76892	.003	1
S4	250.00	243.31	-6.69	-2.67	1.5278	.006	1
S5	500.00	483.84	-16.2	-3.23	3.0383	.006	1
S6	800.00	826.31	26.3	3.29	5.1890	.023	1

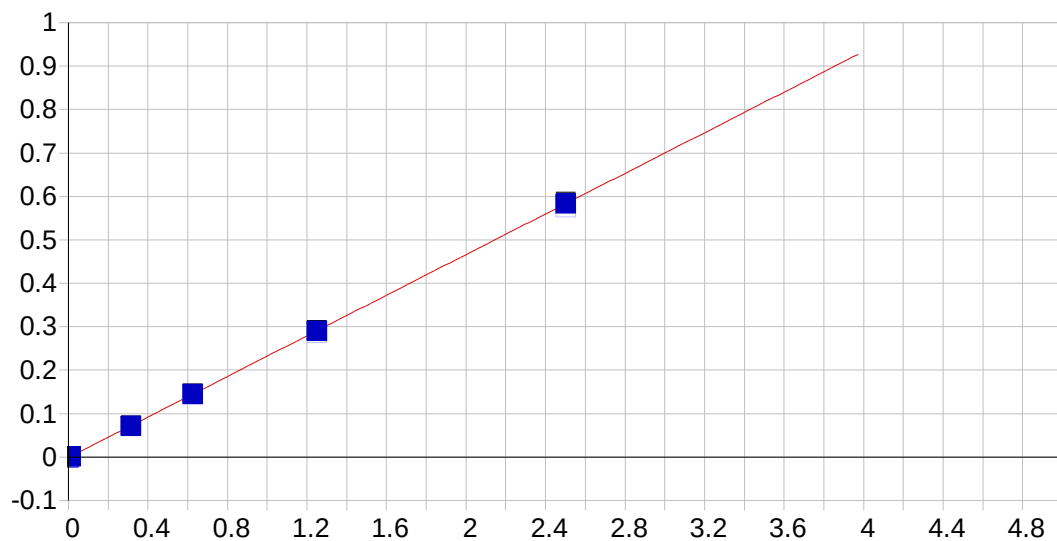


Ni 231.604 {446}

Date of Fit: 8/30/2018 13:33:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003396 Re-Slope: 1.000000
 A1 (Gain): 0.696531 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999973 Status: OK.
 Std Error of Est: 0.000122
 Predicted MDL: 0.000465
 Predicted MQL: 0.001551

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00340	.000	1
S1	.04000	.04246	.002	6.14	.02619	.000	1
S2	.62500	.62818	.003	.509	.43505	.001	1
S3	1.2500	1.2620	.012	.957	.87739	.003	1
S4	2.5000	2.5118	.012	.470	1.7497	.008	1
S5	5.0000	4.9706	-.029	-.587	3.4660	.019	1

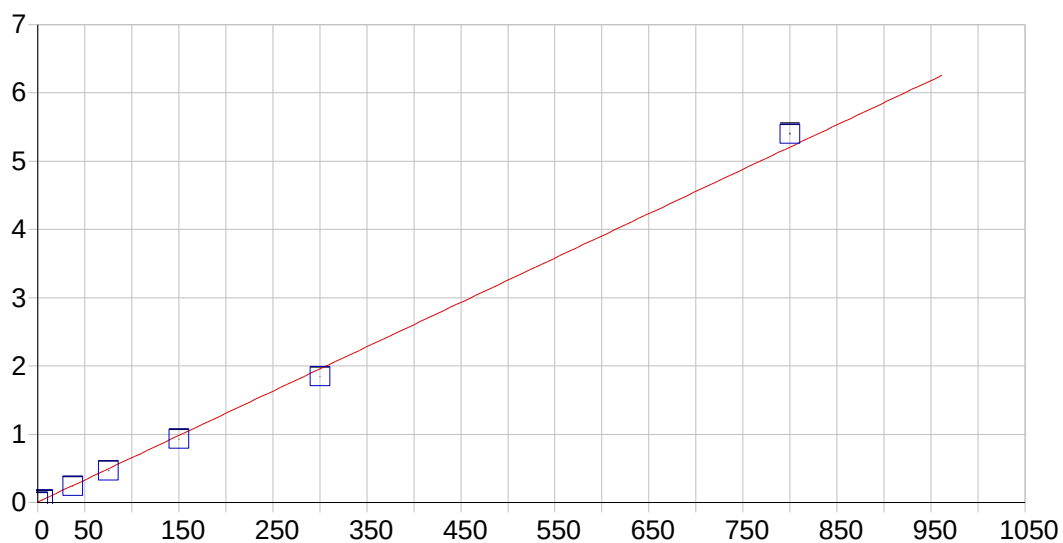


Ag 328.068 {103}

Date of Fit: 8/30/2018 13:33:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001368 Re-Slope: 1.000000
 A1 (Gain): 0.233737 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999993 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.000607
 Predicted MQL: 0.002023

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00137	.000	1
S1	.01000	.01067	.001	6.65	.00111	.000	1
S2	.31250	.31159	-.001	-.290	.07035	.000	1
S3	.62500	.62702	.002	.323	.14297	.000	1
S4	1.2500	1.2463	-.004	-.298	.28548	.001	1
S5	2.5000	2.5019	.002	.078	.57453	.004	1



Na 818.326 { 41}

Date of Fit: 8/30/2018 13:33:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.005348

Re-Slope: 1.000000

A1 (Gain): 0.006502

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998985

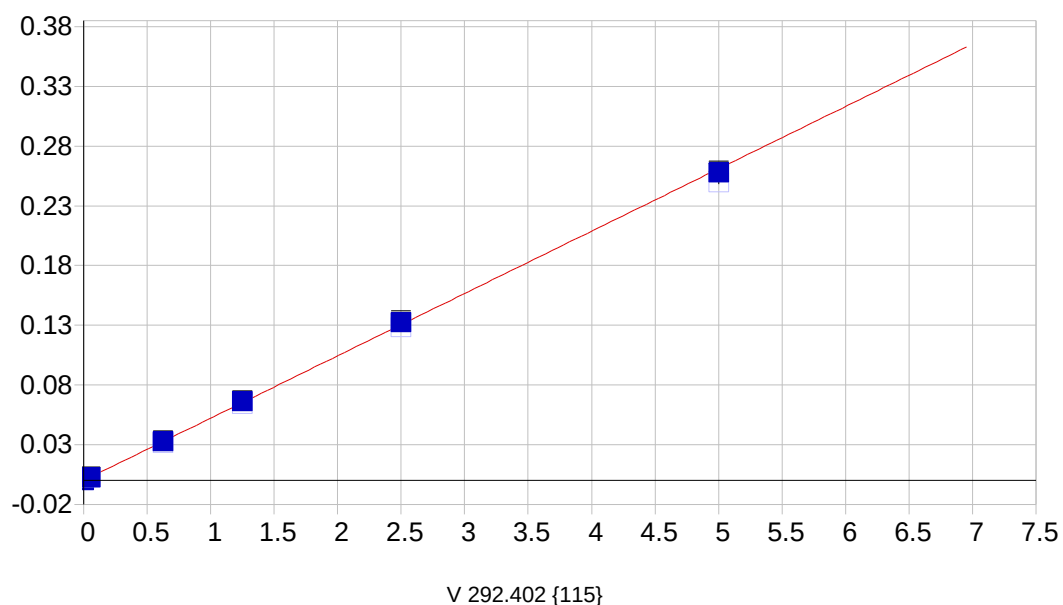
Status: OK.

Std Error of Est: 0.000907

Predicted MDL: 0.381155

Predicted MQL: 1.270516

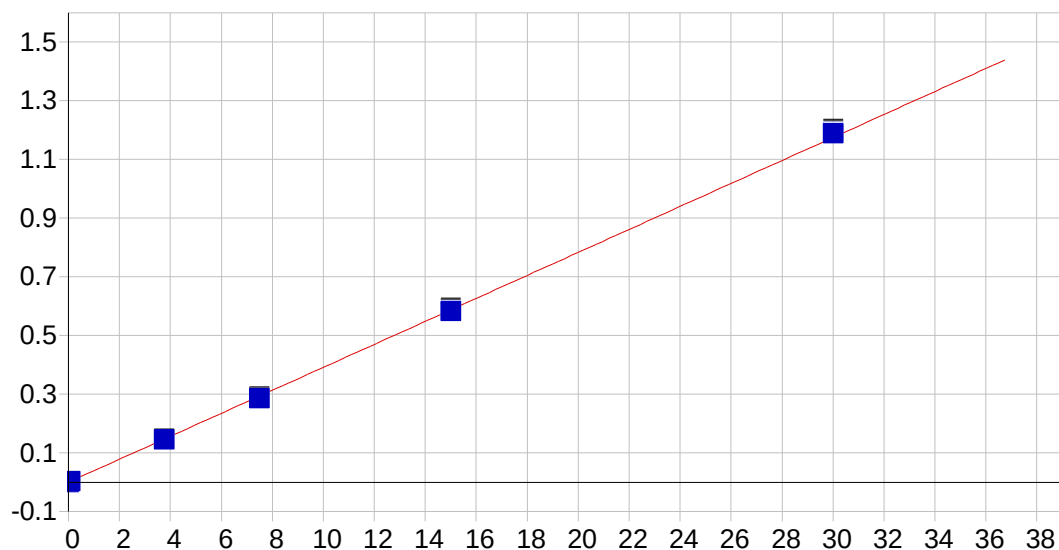
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00090	.001	.000	.00535	.003	1
S1	5.0000	4.9404	-.060	-1.19	.03747	.002	1
S2	37.500	35.706	-1.79	-4.78	.23752	.001	1
S3	75.000	71.193	-3.81	-5.08	.46827	.002	1
S4	150.00	142.37	-7.63	-5.09	.93109	.003	1
S5	300.00	282.99	-17.0	-5.67	1.8454	.002	1
S6	800.00	830.31	30.3	3.79	5.4043	.009	1



Date of Fit: 8/30/2018 13:33:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000066 Re-Slope: 1.000000
 A1 (Gain): 0.052180 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999911 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.007478
 Predicted MQL: 0.024927

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00007	.000	1
S1	.05000	.05090	.001	1.80	.00272	.000	1
S2	.62500	.62556	.001	.089	.03163	.000	1
S3	1.2500	1.2682	.018	1.45	.06409	.001	1
S4	2.5000	2.5387	.039	1.55	.12823	.001	1
S5	5.0000	4.9416	-.058	-1.17	.24932	.001	1

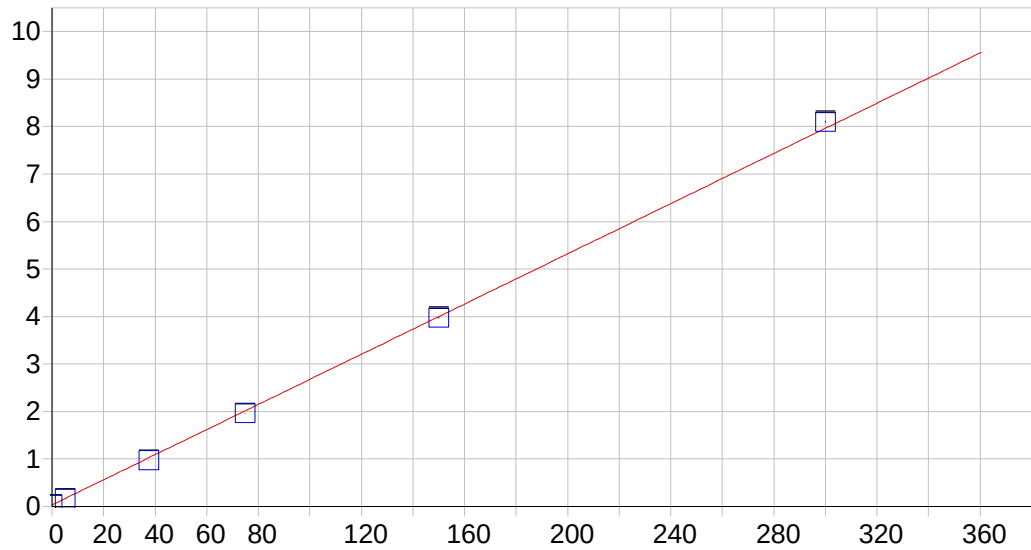


Zn 213.856 {158}

Date of Fit: 8/30/2018 13:33:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000573 Re-Slope: 1.000000
 A1 (Gain): 0.039187 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999900 Status: OK.
 Std Error of Est: 0.000040
 Predicted MDL: 0.011626
 Predicted MQL: 0.038752

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00057	.000	1
S1	.06000	.06812	.008	13.5	.00211	.001	1
S2	3.7500	3.7129	-.037	-.990	.14561	.001	1
S3	7.5000	7.2932	-.207	-2.76	.28660	.003	1
S4	15.000	14.906	-.094	-.629	.58629	.007	1
S5	30.000	30.330	.330	1.10	1.1935	.009	1

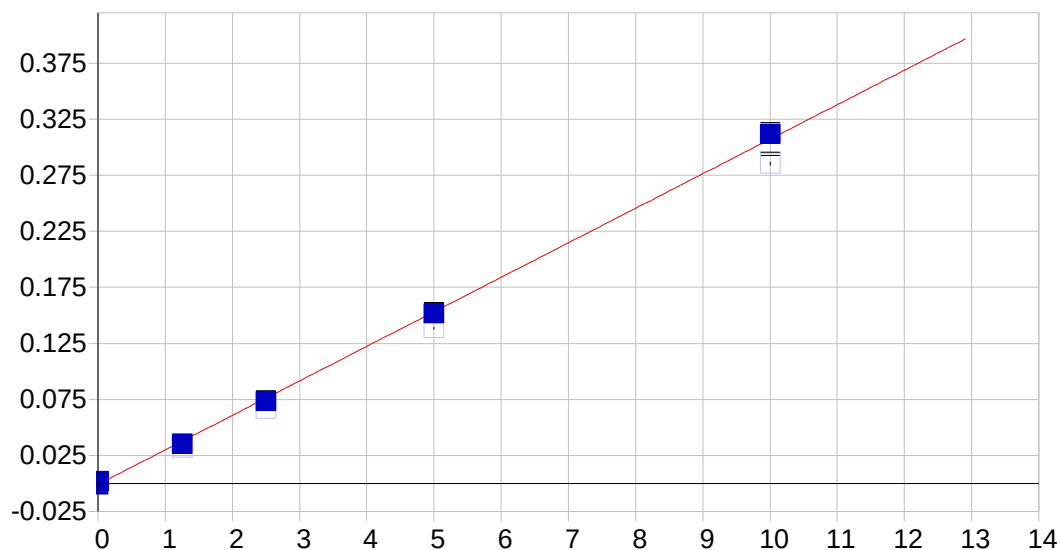


K 769.896 { 44}

Date of Fit: 8/30/2018 13:33:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.033354 Re-Slope: 1.000000
 A1 (Gain): 0.026438 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999757 Status: OK.
 Std Error of Est: 0.001202
 Predicted MDL: 0.081201
 Predicted MQL: 0.270670

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00065	.001	.000	.03337	.000	1
S1	5.0000	4.6987	-.301	-6.03	.15758	.001	1
S2	37.500	35.529	-1.97	-5.25	.97268	.003	1
S3	75.000	72.851	-2.15	-2.87	1.9594	.006	1
S4	150.00	149.25	-.747	-.498	3.9793	.021	1
S5	300.00	305.17	5.17	1.72	8.1014	.019	1

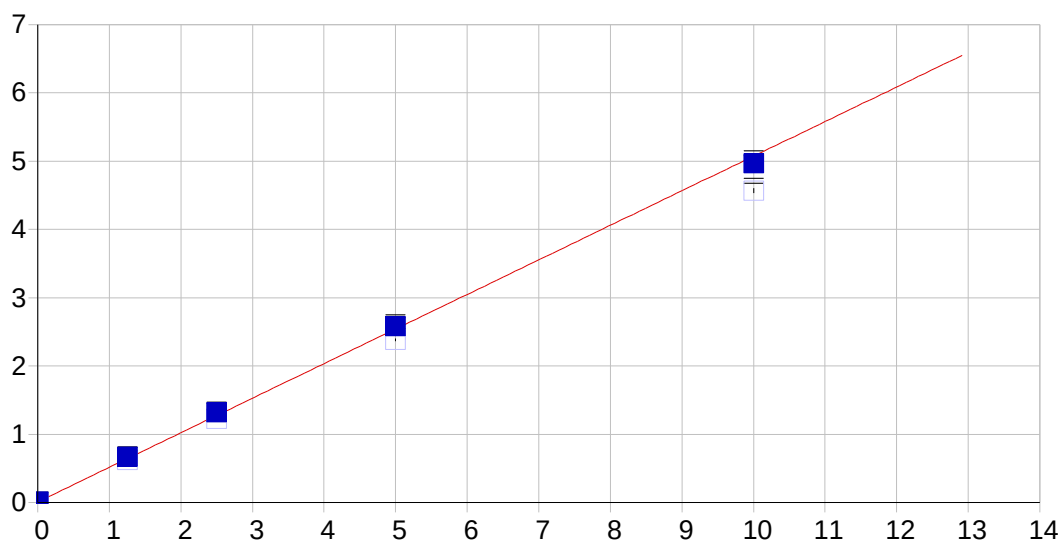


P 177.495 {490}

Date of Fit: 8/30/2018 13:33:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000839 Re-Slope: 1.000000
 A1 (Gain): 0.030805 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.983270 Status: OK.
 Std Error of Est: 0.000087
 Predicted MDL: 0.003547
 Predicted MQL: 0.011822

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00007	.000	.000	-.00084	.000	1
S1	.01000	.08248	.072	725.	.00168	.000	1
S2	1.2500	1.1660	-.084	-6.72	.03176	.000	1
S3	2.5000	2.4073	-.093	-3.71	.06668	.000	1
S4	5.0000	4.9546	-.045	-.908	.13850	.001	1
S5	10.000	10.148	.148	1.48	.28520	.001	1

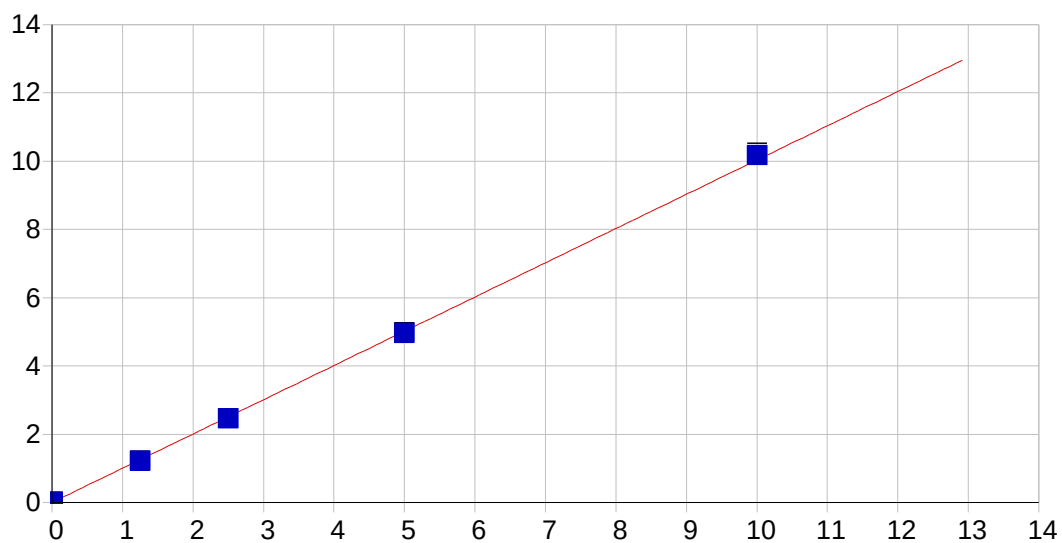


B 249.678 {135}

Date of Fit: 8/30/2018 13:33:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008740 Re-Slope: 1.000000
 A1 (Gain): 0.506518 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999580 Status: OK.
 Std Error of Est: 0.000227
 Predicted MDL: 0.001201
 Predicted MQL: 0.004004

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00874	.001	1
S1	.01000	.00456	-.005	-54.4	.01094	.000	1
S2	1.2500	1.3006	.051	4.05	.61738	.002	1
S3	2.5000	2.5854	.085	3.42	1.2180	.006	1
S4	5.0000	5.0765	.076	1.53	2.3795	.020	1
S5	10.000	9.7933	-.207	-2.07	4.5680	.036	1

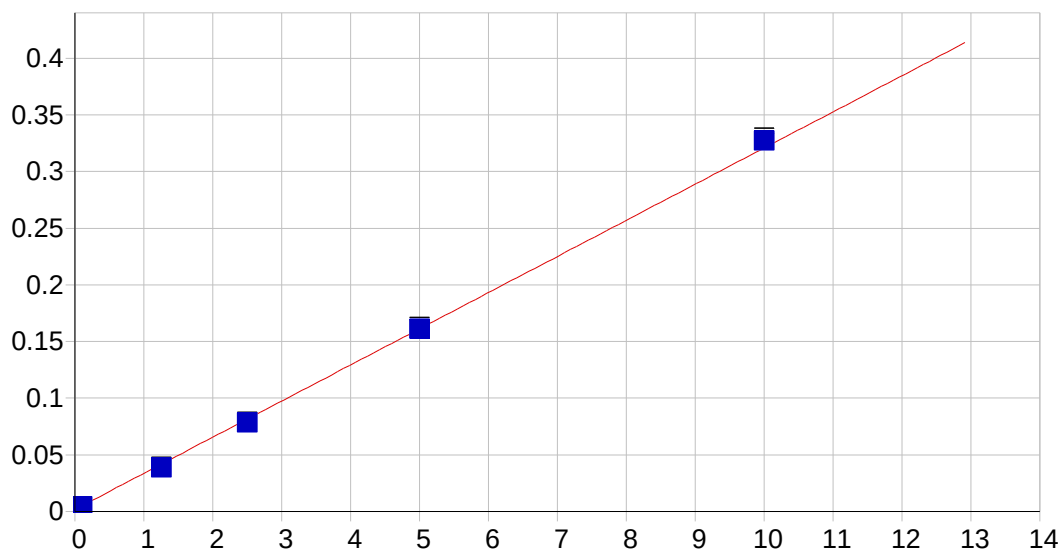


Mo 202.030 {467}

Date of Fit: 8/30/2018 13:33:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001062 Re-Slope: 1.000000
 A1 (Gain): 1.003247 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999867 Status: OK.
 Std Error of Est: 0.000275
 Predicted MDL: 0.000297
 Predicted MQL: 0.000991

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00106	.000	1
S1	.01000	.00994	.000	-.607	.01103	.000	1
S2	1.2500	1.2148	-.035	-2.82	1.2197	.005	1
S3	2.5000	2.4463	-.054	-2.15	2.4552	.011	1
S4	5.0000	4.9416	-.058	-1.17	4.9585	.028	1
S5	10.000	10.147	.147	1.47	10.181	.054	1

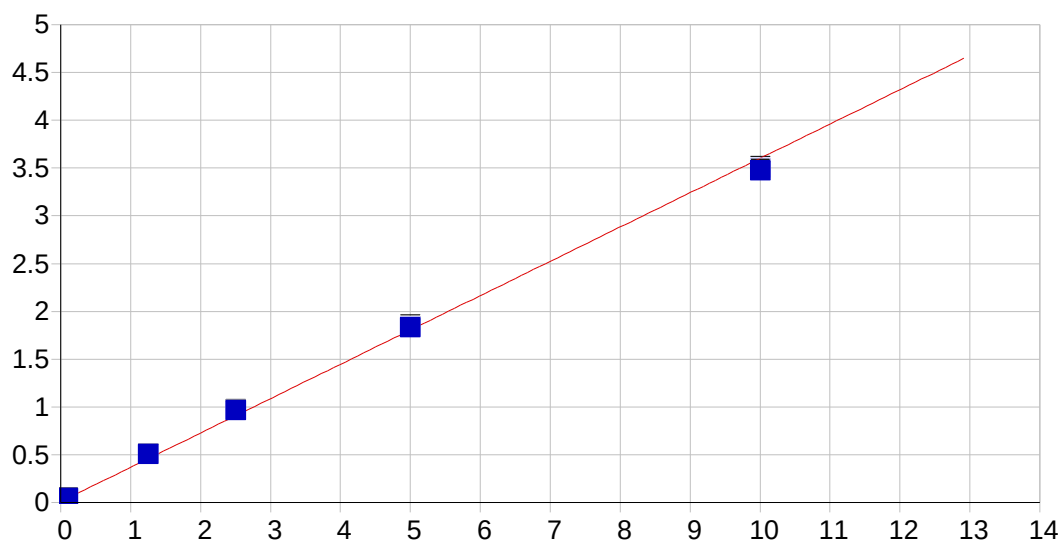


S 182.034 {485}

Date of Fit: 8/30/2018 13:33:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001736 Re-Slope: 1.000000
 A1 (Gain): 0.031899 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999562 Status: OK.
 Std Error of Est: 0.000050
 Predicted MDL: 0.004576
 Predicted MQL: 0.015254

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00174	.000	1
S1	.10000	.08315	-.017	-16.9	.00439	.000	1
S2	1.2500	1.1633	-.087	-6.93	.03886	.000	1
S3	2.5000	2.4059	-.094	-3.76	.07851	.000	1
S4	5.0000	4.9944	-.006	-.113	.16110	.001	1
S5	10.000	10.203	.203	2.03	.32732	.002	1

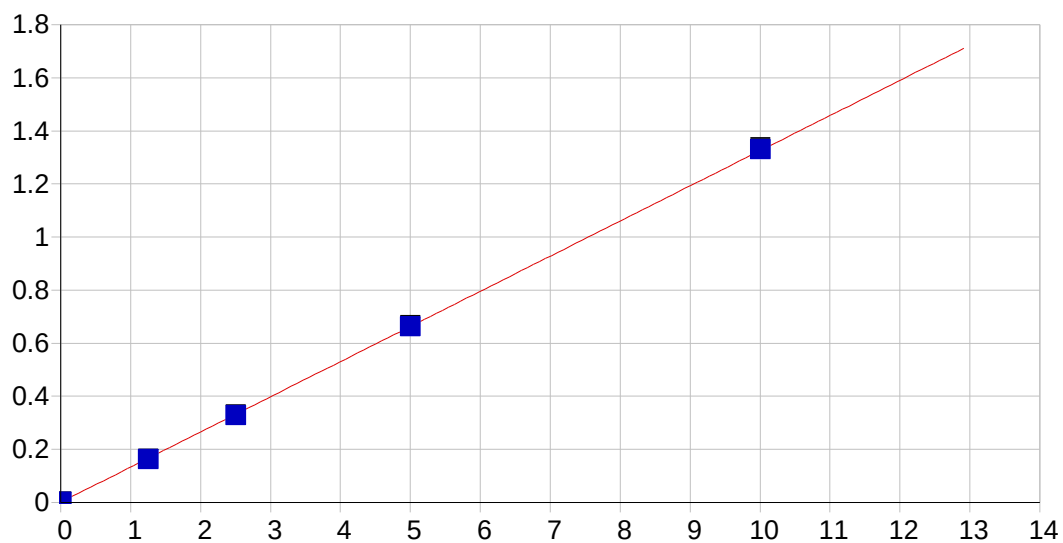


Si 251.611 {134}

Date of Fit: 8/30/2018 13:33:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.009231 Re-Slope: 1.000000
 A1 (Gain): 0.359192 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999051 Status: OK.
 Std Error of Est: 0.000839
 Predicted MDL: 0.001500
 Predicted MQL: 0.004999

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00923	.000	1
S1	.10000	.10077	.001	.772	.04555	.000	1
S2	1.2500	1.3819	.132	10.6	.50927	.002	1
S3	2.5000	2.6524	.152	6.10	.96932	.006	1
S4	5.0000	5.0661	.066	1.32	1.8437	.014	1
S5	10.000	9.6488	-.351	-3.51	3.5045	.016	1

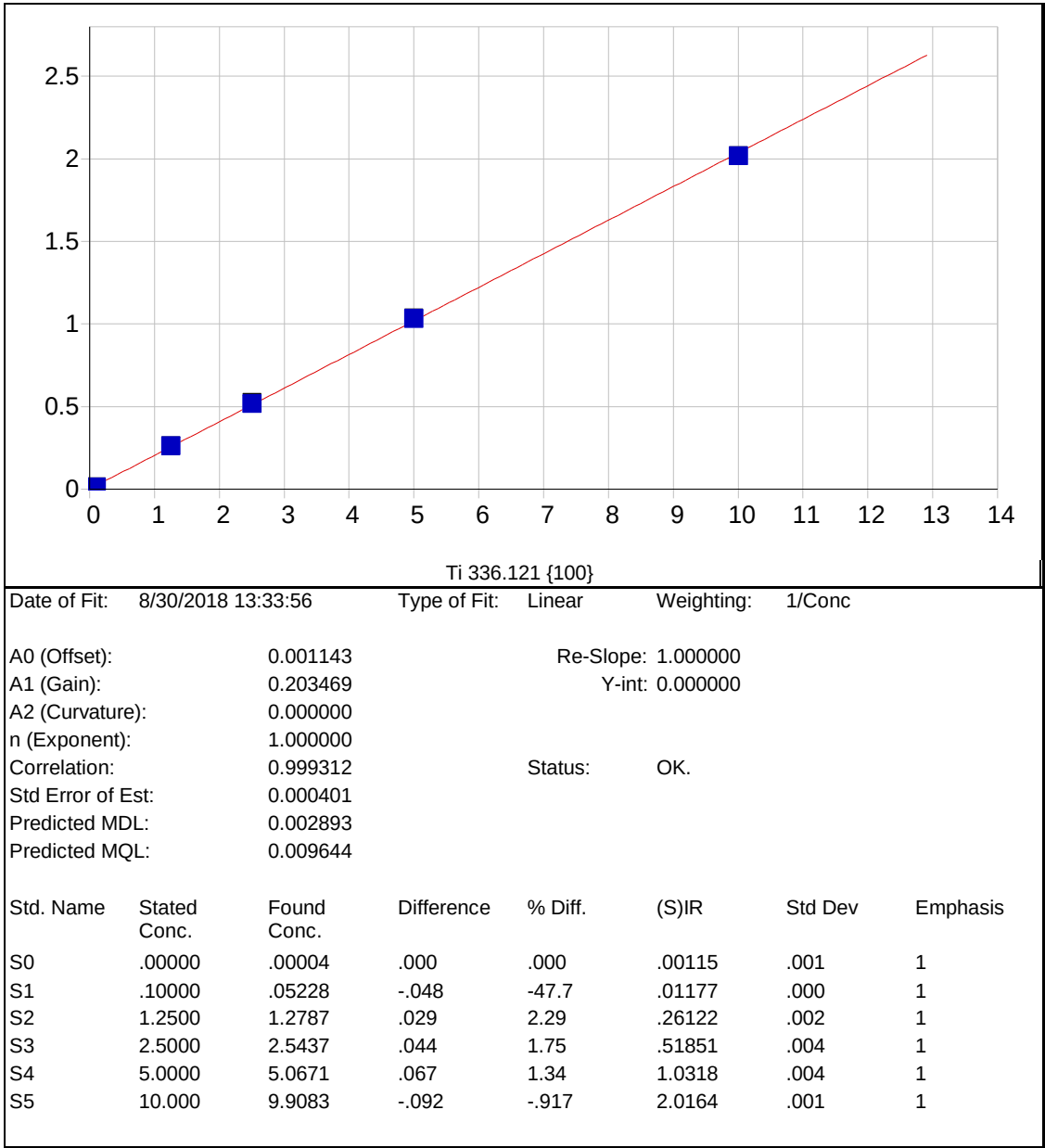


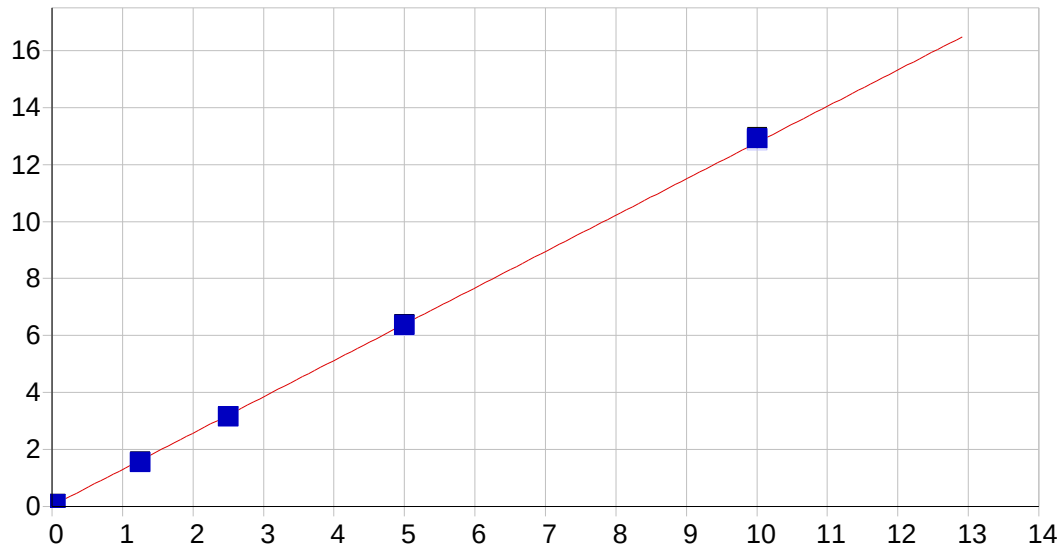
Sn 189.989 {478}

Date of Fit: 8/30/2018 13:33:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000926 Re-Slope: 1.000000
 A1 (Gain): 0.132442 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999959 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.001116
 Predicted MQL: 0.003721

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00093	.000	1
S1	.00700	.00514	-.002	-26.6	.00157	.000	1
S2	1.2500	1.2198	-.030	-2.41	.16212	.001	1
S3	2.5000	2.4817	-.018	-.733	.32887	.001	1
S4	5.0000	5.0089	.009	.179	.66285	.003	1
S5	10.000	10.041	.041	.414	1.3279	.006	1



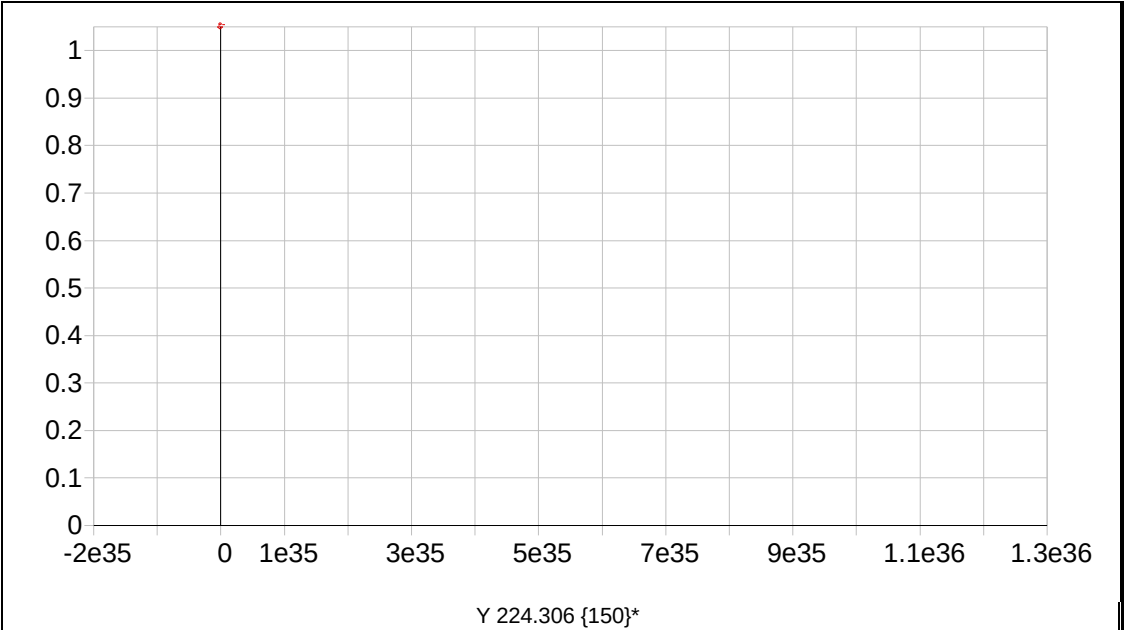


Li 670.784 { 50}

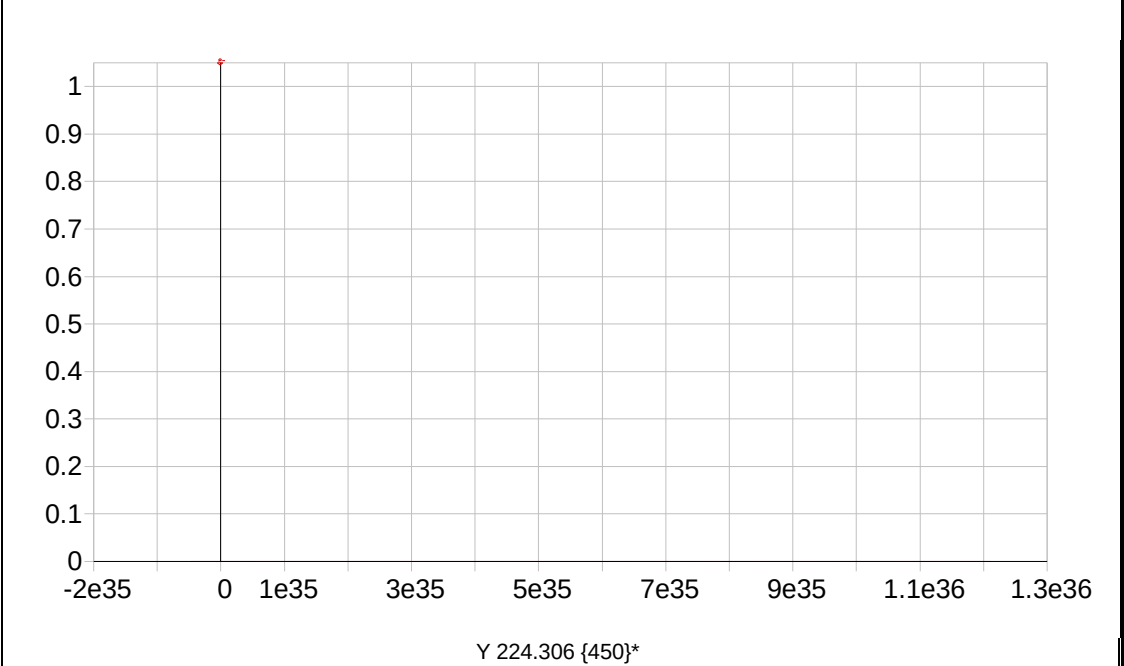
Date of Fit: 8/30/2018 13:33:56 Type of Fit: Linear Weighting: 1/Conc

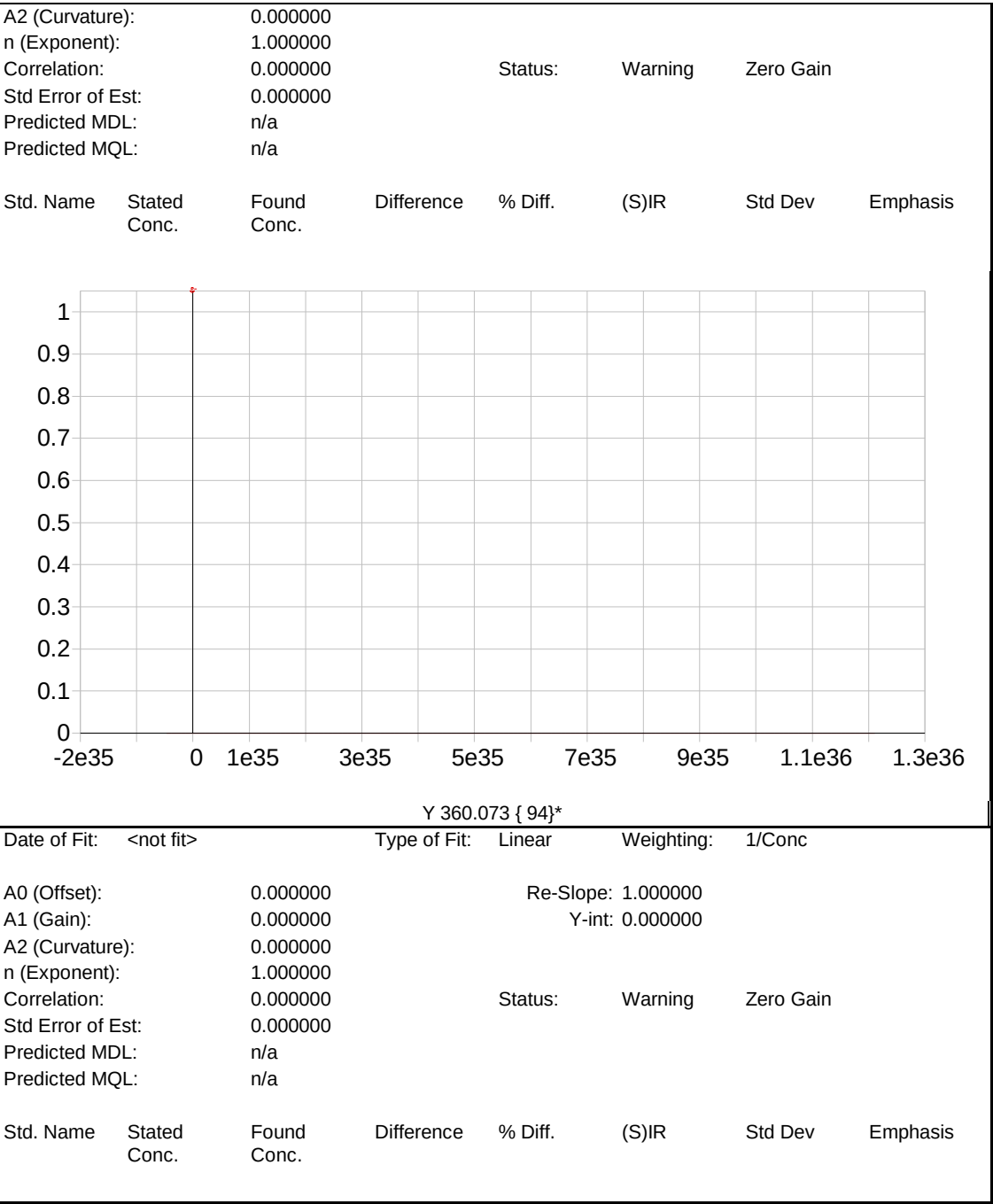
A0 (Offset): 0.026038 Re-Slope: 1.000000
 A1 (Gain): 1.274480 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999868 Status: OK.
 Std Error of Est: 0.000771
 Predicted MDL: 0.001957
 Predicted MQL: 0.006525

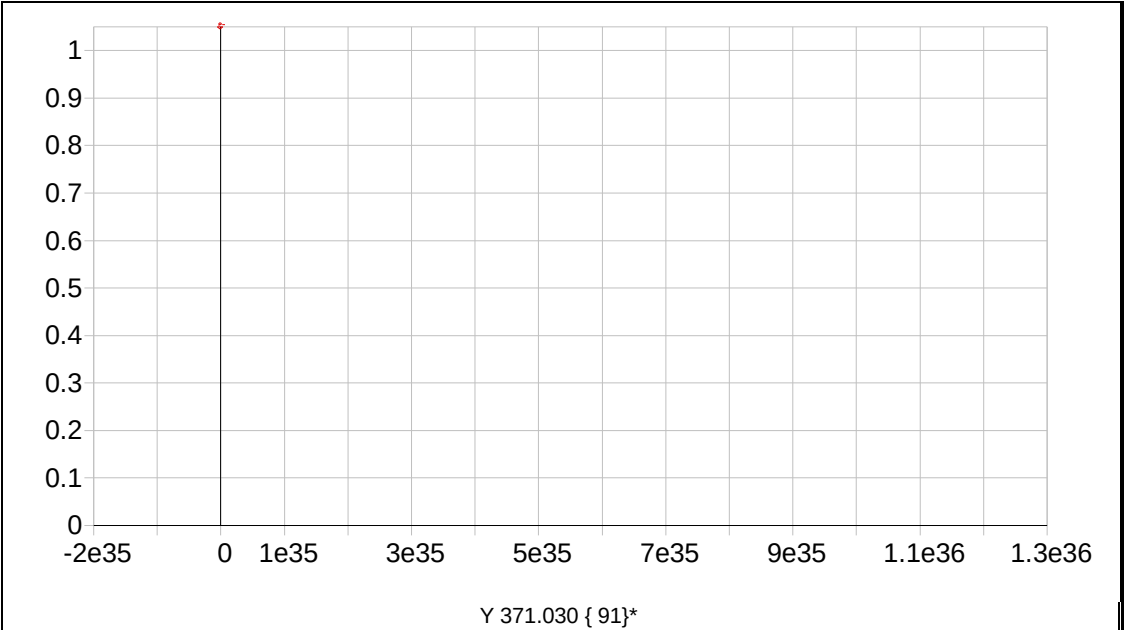
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.02605	.002	1
S5	10.000	10.117	.117	1.17	12.848	.029	1
S4	5.0000	4.9823	-.018	-.355	6.3400	.011	1
S3	2.5000	2.4556	-.044	-1.78	3.1378	.011	1
S2	1.2500	1.2019	-.048	-3.85	1.5489	.003	1
S1	.05000	.04356	-.006	-12.9	.08143	.001	1



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

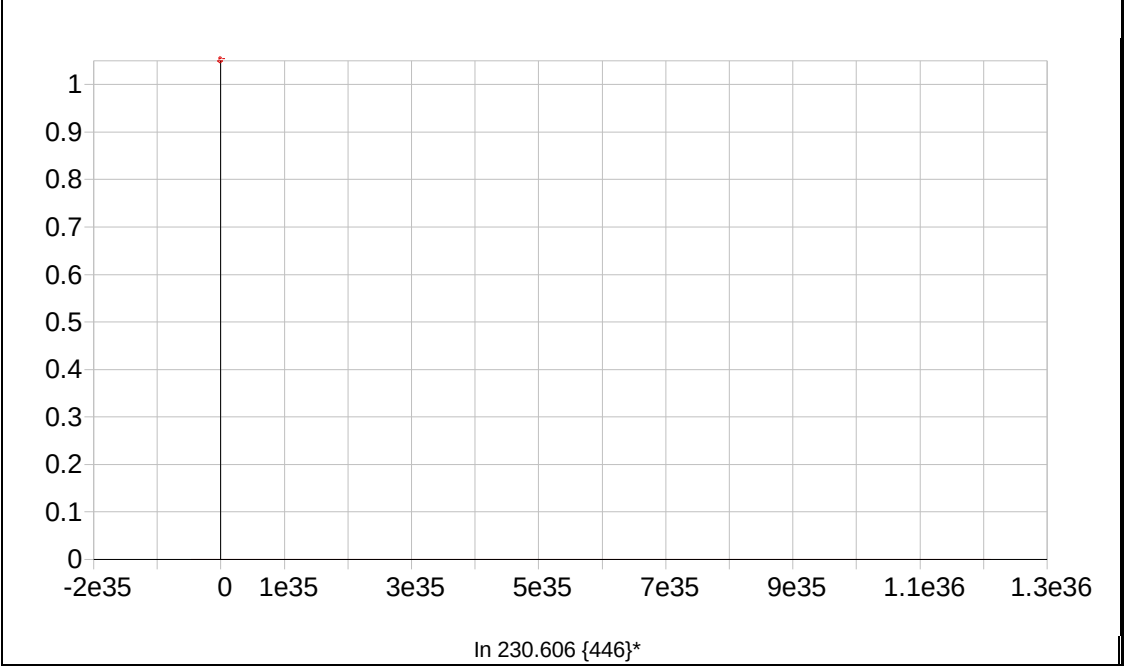




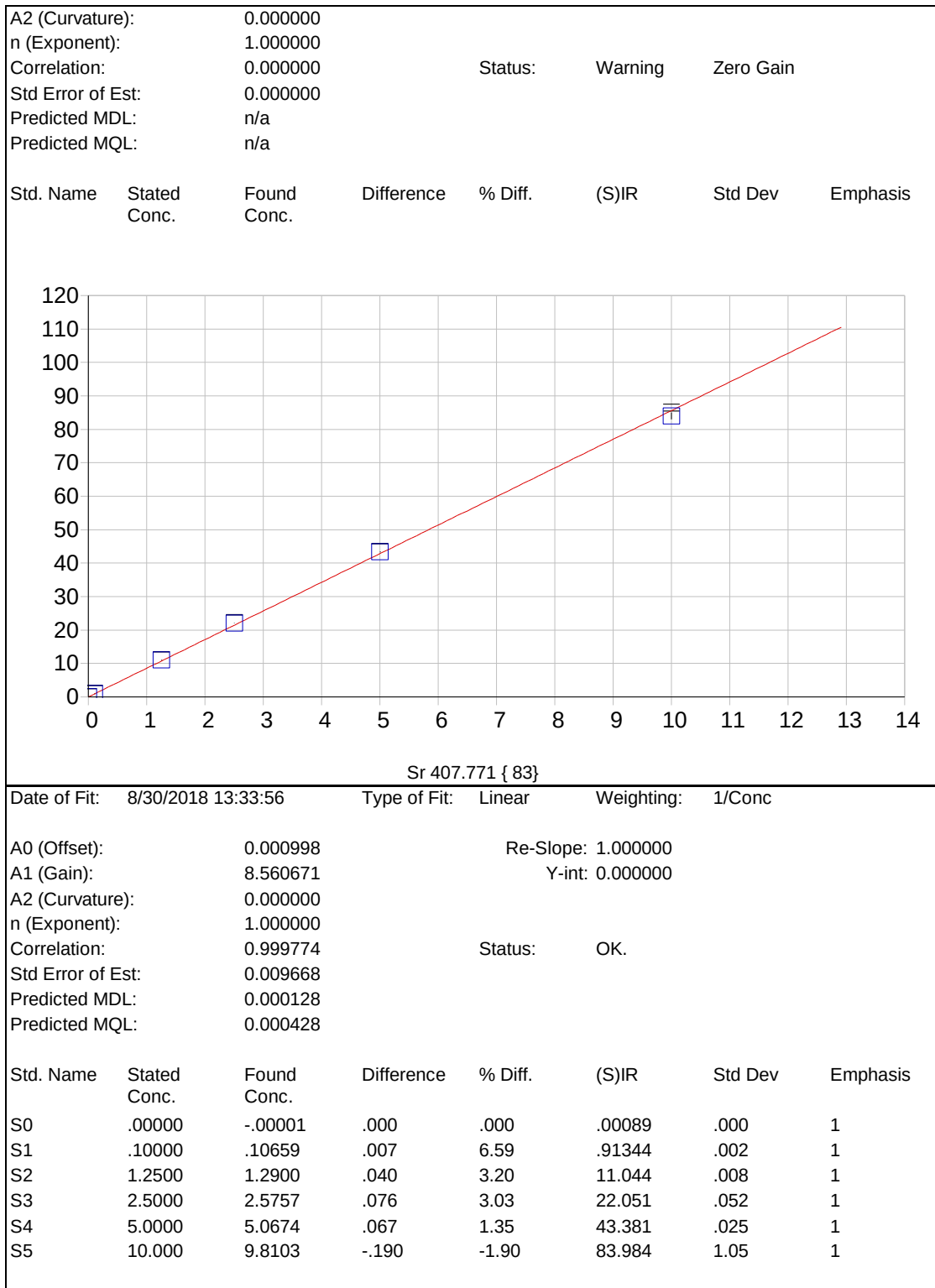


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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



A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000



Sample Name: S0 Acquired: 8/30/2018 12:57:31 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) 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	-.00060	-.00069	.00032	.00082	.00140	.00331	.01288	-.00276
Stddev	.00010	.00013	.00025	.00021	.00057	.00027	.00219	.00016
%RSD	17.268	18.934	77.692	25.481	40.328	8.0588	16.995	5.8566

#1	-.00071	-.00059	.00004	.00089	.00175	.00339	.01106	-.00284
#2	-.00052	-.00084	.00052	.00058	.00171	.00301	.01227	-.00257
#3	-.00055	-.00065	.00040	.00098	.00075	.00353	.01531	-.00286

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	.00111	.00237	.00001	-.00060	.00098	.00011	-.00012	-.00020
Stddev	.00014	.00048	.00007	.00013	.00033	.00007	.00023	.00015
%RSD	12.786	20.450	1035.4	22.341	34.036	63.879	197.14	74.630

#1	.00112	.00293	.00004	-.00044	.00084	.00004	.00002	-.00006
#2	.00096	.00208	.00005	-.00070	.00075	.00011	-.00038	-.00036
#3	.00125	.00210	-.00007	-.00065	.00137	.00018	.00001	-.00019

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	-.00340	-.00137	.00535	.00007	-.00057	.03337	-.00084	.00874
Stddev	.00018	.00001	.00276	.00025	.00013	.00014	.00011	.00052
%RSD	5.3293	.41964	51.552	371.98	22.993	.42135	13.158	5.9526

#1	-.00356	-.00136	.00701	.00008	-.00068	.03328	-.00073	.00835
#2	-.00320	-.00137	.00688	.00031	-.00043	.03330	-.00095	.00855
#3	-.00343	-.00137	.00217	-.00019	-.00061	.03353	-.00085	.00933

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	.00106	.00174	.00923	.00093	.00115	.02605	.00089	
Stddev	.00004	.00010	.00034	.00013	.00072	.00168	.00030	
%RSD	3.9915	5.5348	3.6622	13.673	62.241	6.4650	33.952	

#1	.00108	.00184	.00887	.00097	.00198	.02534	.00103	
#2	.00101	.00165	.00954	.00102	.00068	.02797	.00110	
#3	.00109	.00172	.00927	.00078	.00080	.02484	.00055	

Sample Name: S0 Acquired: 8/30/2018 12:57:31 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) 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	1896.3	2244.3	42503.	5150.0	3096.0
Stddev	8.8	6.2	65.	13.4	8.9
%RSD	.46159	.27408	.15304	.25956	.28867
#1	1887.6	2247.6	42489.	5158.2	3093.7
#2	1896.1	2248.1	42574.	5157.2	3105.8
#3	1905.1	2237.2	42446.	5134.6	3088.4

Sample Name: S1 Acquired: 8/30/2018 13:01:40 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) 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	.00082	.00189	.00398	.01346	.01813	.73652	.03657
Stddev	.00002	.00017	.00014	.00029	.00022	.00090	.00176	.00050
%RSD	56.354	20.286	7.2817	7.3911	1.6582	4.9640	.23832	1.3674

#1	-.00006	.00101	.00190	.00417	.01328	.01912	.73480	.03622
#2	-.00001	.00077	.00203	.00413	.01371	.01736	.73645	.03714
#3	-.00005	.00069	.00175	.00364	.01339	.01792	.73831	.03634

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	.01833	.19564	.00180	.04527	.00432	.00175	.00304	.03201
Stddev	.00039	.00039	.00011	.00043	.00038	.00028	.00017	.00010
%RSD	2.1196	.19912	5.9985	.95274	8.9011	16.248	5.7587	.30450

#1	.01863	.19577	.00176	.04524	.00474	.00208	.00322	.03211
#2	.01846	.19520	.00193	.04485	.00399	.00160	.00301	.03200
#3	.01789	.19594	.00173	.04571	.00422	.00157	.00287	.03191

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	.02619	.00111	.03747	.00272	.00211	.15758	.00168	.01094
Stddev	.00021	.00002	.00221	.00025	.00053	.00119	.00005	.00017
%RSD	.81716	1.9319	5.8894	9.1434	25.100	.75208	3.2680	1.5457

#1	.02643	.00108	.03495	.00300	.00248	.15869	.00166	.01083
#2	.02601	.00112	.03906	.00256	.00150	.15771	.00164	.01114
#3	.02613	.00112	.03841	.00259	.00234	.15633	.00174	.01086

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	.01103	.00439	.04555	.00157	.01177	.08143	.91344	
Stddev	.00009	.00012	.00038	.00015	.00016	.00079	.00223	
%RSD	.84229	2.6825	.82630	9.3139	1.3518	.97300	.24420	

#1	.01112	.00451	.04585	.00149	.01196	.08225	.91577	
#2	.01094	.00438	.04513	.00148	.01170	.08067	.91322	
#3	.01102	.00427	.04568	.00174	.01167	.08136	.91133	

Sample Name: S1 Acquired: 8/30/2018 13:01:40 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) 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	1944.1	2318.5	43848.	5287.1	3228.5
Stddev	15.4	4.3	167.	40.8	9.6
%RSD	.79390	.18720	.38154	.77249	.29731
#1	1931.2	2321.0	43658.	5258.2	3234.5
#2	1940.0	2321.1	43914.	5333.8	3233.4
#3	1961.2	2313.5	43973.	5269.2	3217.4

Sample Name: S2 Acquired: 8/30/2018 13:05:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) 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	.04832	.07380	1.0344	.11438	.25116	2.6225	8.7605	.91195
Stddev	.00022	.00018	.0025	.00069	.00109	.0134	.0494	.00134
%RSD	.45897	.24757	.24220	.60523	.43207	.50971	.56343	.14731

#1	.04825	.07369	1.0348	.11492	.25072	2.6366	8.8173	.91257
#2	.04813	.07370	1.0317	.11360	.25036	2.6100	8.7357	.91040
#3	.04856	.07401	1.0367	.11462	.25240	2.6209	8.7284	.91286

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	1.9934	2.4222	.63246	.55324	.36107	.55930	.68787	.38564
Stddev	.0055	.0068	.00071	.00039	.00088	.00131	.00222	.00090
%RSD	.27429	.27937	.11199	.07055	.24265	.23429	.32329	.23227

#1	1.9905	2.4297	.63288	.55306	.36206	.55824	.68891	.38667
#2	1.9899	2.4166	.63164	.55298	.36071	.56077	.68939	.38511
#3	1.9997	2.4201	.63285	.55369	.36043	.55890	.68532	.38514

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	.43505	.07035	.23752	.03163	.14561	.97268	.03176	.61738
Stddev	.00119	.00049	.00053	.00035	.00149	.00347	.00020	.00191
%RSD	.27306	.70030	.22231	1.1119	1.0235	.35717	.63408	.30860

#1	.43422	.07024	.23721	.03177	.14469	.97563	.03159	.61536
#2	.43451	.07089	.23722	.03189	.14733	.96885	.03170	.61914
#3	.43641	.06992	.23813	.03123	.14482	.97356	.03198	.61766

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	1.2197	.03886	.50927	.16212	.26122	1.5489	11.044
Stddev	.0055	.00021	.00178	.00073	.00205	.0035	.008
%RSD	.44718	.52977	.35026	.45007	.78550	.22498	.06921

#1	1.2187	.03910	.51124	.16167	.26356	1.5522	11.053
#2	1.2148	.03872	.50778	.16172	.26037	1.5453	11.038
#3	1.2256	.03876	.50879	.16296	.25973	1.5493	11.042

Sample Name: S2 Acquired: 8/30/2018 13:05:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) 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	1881.5	2208.6	43151.	5193.9	3032.9
Stddev	16.4	4.6	167.	21.5	4.9
%RSD	.87059	.20848	.38786	.41476	.16161
#1	1896.1	2207.4	43166.	5187.3	3030.2
#2	1863.8	2213.7	42977.	5218.0	3038.6
#3	1884.6	2204.7	43311.	5176.4	3030.0

Sample Name: S3 Acquired: 8/30/2018 13:09:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) 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	.09748	.14823	2.0846	.22637	.50446	5.2552	17.625	1.7859
Stddev	.00055	.00005	.0077	.00214	.00261	.0085	.052	.0098
%RSD	.56714	.03522	.37012	.94424	.51661	.16162	.29267	.55085

#1	.09689	.14818	2.0805	.22462	.50332	5.2599	17.669	1.7816
#2	.09757	.14828	2.0798	.22574	.50261	5.2454	17.568	1.7789
#3	.09798	.14822	2.0935	.22875	.50744	5.2602	17.638	1.7971

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	3.9701	4.7893	1.2484	1.1110	.71388	1.0995	1.3595	.76892
Stddev	.0115	.0133	.0010	.0049	.00080	.0035	.0049	.00282
%RSD	.28871	.27718	.07918	.44357	.11222	.32080	.35803	.36632

#1	3.9637	4.8045	1.2482	1.1073	.71477	1.1036	1.3651	.77184
#2	3.9634	4.7796	1.2495	1.1091	.71363	1.0972	1.3566	.76871
#3	3.9834	4.7840	1.2476	1.1166	.71323	1.0978	1.3568	.76622

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	.87739	.14297	.46827	.06409	.28660	1.9594	.06668	1.2180
Stddev	.00335	.00044	.00158	.00055	.00344	.0060	.00033	.0059
%RSD	.38233	.30628	.33771	.85242	1.2009	.30723	.48915	.48080

#1	.87671	.14347	.47009	.06397	.28842	1.9548	.06657	1.2182
#2	.87442	.14265	.46751	.06361	.28876	1.9572	.06642	1.2120
#3	.88103	.14278	.46721	.06469	.28263	1.9662	.06704	1.2237

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	2.4552	.07851	.96932	.32887	.51851	3.1378	22.051
Stddev	.0108	.00023	.00553	.00058	.00383	.0111	.052
%RSD	.44018	.28766	.57026	.17736	.73901	.35365	.23727

#1	2.4499	.07842	.96762	.32908	.52223	3.1400	22.098
#2	2.4481	.07834	.96484	.32821	.51457	3.1257	21.994
#3	2.4676	.07876	.97550	.32932	.51873	3.1476	22.060

Sample Name: S3 Acquired: 8/30/2018 13:09:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) 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	1828.0	2122.2	42278.	5177.5	2890.1
Stddev	9.6	8.6	132.	11.5	9.7
%RSD	.52425	.40525	.31156	.22174	.33478
#1	1819.7	2129.7	42205.	5188.9	2899.2
#2	1825.9	2124.2	42199.	5177.5	2891.1
#3	1838.5	2112.8	42430.	5166.0	2879.9

Sample Name: S4 Acquired: 8/30/2018 13:13:37 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) 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	.20022	.29122	4.1912	.44400	1.0241	10.691	35.045	3.4548
Stddev	.00173	.00098	.0171	.00226	.0065	.029	.065	.0287
%RSD	.86308	.33708	.40714	.50834	.63198	.27294	.18640	.83177

#1	.20000	.29066	4.1844	.44334	1.0214	10.661	35.106	3.4237
#2	.19862	.29064	4.1786	.44216	1.0194	10.694	34.976	3.4805
#3	.20205	.29235	4.2106	.44652	1.0315	10.719	35.053	3.4601

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	7.8210	9.3747	2.4365	2.2061	1.4127	2.1314	2.6326	1.5278
Stddev	.0250	.0187	.0053	.0075	.0042	.0045	.0083	.0059
%RSD	.32028	.19904	.21871	.33904	.29422	.21241	.31330	.38701

#1	7.8069	9.3881	2.4425	2.2016	1.4082	2.1365	2.6394	1.5311
#2	7.8063	9.3534	2.4346	2.2020	1.4136	2.1281	2.6234	1.5210
#3	7.8499	9.3826	2.4324	2.2148	1.4164	2.1294	2.6349	1.5313

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	1.7497	.28548	.93109	.12823	.58629	3.9793	.13850	2.3795
Stddev	.0075	.00141	.00286	.00120	.00685	.0209	.00112	.0202
%RSD	.42965	.49480	.30755	.93443	1.1681	.52589	.80566	.84860

#1	1.7446	.28661	.92820	.12688	.59418	3.9552	.13873	2.3586
#2	1.7461	.28594	.93114	.12915	.58276	3.9898	.13729	2.3989
#3	1.7583	.28390	.93393	.12867	.58192	3.9929	.13949	2.3810

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	4.9585	.16110	1.8437	.66285	1.0318	6.3400	43.381	
Stddev	.0280	.00138	.0142	.00284	.0037	.0115	.025	
%RSD	.56465	.85943	.77212	.42911	.36285	.18053	.05858	

#1	4.9414	.16120	1.8281	.66199	1.0282	6.3294	43.401	
#2	4.9433	.15968	1.8560	.66054	1.0314	6.3384	43.353	
#3	4.9908	.16244	1.8469	.66603	1.0357	6.3522	43.391	

Sample Name: S4 Acquired: 8/30/2018 13:13:37 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) 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	1728.3	1994.1	41508.	5121.6	2719.7
Stddev	22.6	8.5	323.	24.0	7.1
%RSD	1.3077	.42756	.77925	.46768	.26114
#1	1708.4	1998.6	41186.	5148.0	2723.5
#2	1723.7	1999.4	41505.	5101.3	2724.1
#3	1752.9	1984.3	41833.	5115.4	2711.5

Sample Name: S5 Acquired: 8/30/2018 13:17:26 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) 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	.41639	.56515	8.4128	.87717	2.1255	21.495	68.254	6.6892
Stddev	.00263	.00115	.0430	.00470	.0147	.046	.812	.0239
%RSD	.63171	.20321	.51097	.53610	.69015	.21595	1.1899	.35779

#1	.41468	.56518	8.3824	.87373	2.1134	21.546	69.188	6.6684
#2	.41507	.56399	8.3940	.87525	2.1213	21.481	67.712	6.6837
#3	.41942	.56628	8.4619	.88253	2.1418	21.457	67.862	6.7153

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	15.356	18.331	4.7049	4.3684	2.7777	4.1082	5.0834	3.0383
Stddev	.068	.032	.0046	.0187	.0058	.0130	.0079	.0059
%RSD	.44571	.17405	.09762	.42851	.20874	.31746	.15477	.19307

#1	15.298	18.363	4.7101	4.3501	2.7839	4.1183	5.0924	3.0451
#2	15.339	18.328	4.7016	4.3677	2.7724	4.0935	5.0776	3.0345
#3	15.432	18.300	4.7029	4.3875	2.7767	4.1127	5.0803	3.0354

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	3.4660	.57453	1.8454	.24932	1.1935	8.1014	.28520	4.5680
Stddev	.0190	.00370	.0019	.00112	.0093	.0195	.00144	.0363
%RSD	.54744	.64318	.10158	.44959	.78149	.24014	.50506	.79528

#1	3.4501	.57221	1.8459	.24899	1.1903	8.1182	.28395	4.5475
#2	3.4607	.57259	1.8434	.25056	1.1862	8.1059	.28487	4.5466
#3	3.4870	.57879	1.8470	.24839	1.2040	8.0801	.28677	4.6100

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	10.181	.32732	3.5045	1.3279	2.0164	12.848	83.984	
Stddev	.054	.00247	.0161	.0065	.0014	.029	1.048	
%RSD	.52774	.75444	.45819	.48806	.06775	.22380	1.2478	

#1	10.134	.32634	3.4953	1.3229	2.0158	12.874	82.807	
#2	10.170	.32548	3.4951	1.3256	2.0154	12.853	84.815	
#3	10.239	.33012	3.5230	1.3352	2.0180	12.817	84.331	

Sample Name: S5 Acquired: 8/30/2018 13:17:26 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) 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	1597.0	1808.0	40051.	5032.2	2508.1
Stddev	4.0	4.1	109.	22.7	5.1
%RSD	.24898	.22842	.27198	.45098	.20188
#1	1593.8	1811.2	39926.	5011.0	2512.3
#2	1595.7	1809.4	40105.	5029.6	2509.6
#3	1601.4	1803.3	40123.	5056.1	2502.5

Sample Name: S6 Acquired: 8/30/2018 13:21:28 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) 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	60.170	29.780	11.289	5.1890	5.4043
Stddev	.147	.126	.053	.0226	.0088
%RSD	.24389	.42185	.46697	.43544	.16367

#1	60.332	29.865	11.322	5.2017	5.4082
#2	60.129	29.636	11.229	5.1629	5.4105
#3	60.048	29.840	11.317	5.2024	5.3942

Int. Std.	Y_3710
Units	Cts/S
Avg	4955.5
Stddev	13.0
%RSD	.26157

#1	4944.0
#2	4969.5
#3	4953.0

Sample Name: ICV Acquired: 8/30/2018 13:25:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) 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	1.052915	1.119935	1.045355	1.091172	1.028798	2.468478
Stddev	.006633	.006986	.006003	.010904	.007385	.024260
%RSD	.6299396	.6237480	.5742924	.9993202	.7178565	.9827716

#1	1.049358	1.111949	1.038473	1.090465	1.028005	2.487513
#2	1.048819	1.122942	1.049520	1.080638	1.021841	2.441162
#3	1.060567	1.124913	1.048071	1.102413	1.036548	2.476758

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5411961	.5386382	.5358810	10.53166	.5318029	.5266019
Stddev	.0008422	.0028379	.0036460	.02029	.0021629	.0036943
%RSD	.1556249	.5268696	.6803832	.1926126	.4067211	.7015395

#1	.5402825	.5393566	.5326927	10.51097	.5334634	.5230567
#2	.5413641	.5410478	.5350941	10.53248	.5293570	.5263197
#3	.5419416	.5355101	.5398563	10.55152	.5325883	.5304291

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .5598639	F 5.600910	F .5599570	5.999400	.5403068	.5178918
Stddev	.0064292	.016104	.0050171	.073501	.0023783	.0018690
%RSD	1.148345	.2875266	.8959879	1.225142	.4401781	.3608778

#1	.5526638	5.612527	.5634122	5.920305	.5380354	.5195271
#2	.5650303	5.607677	.5622566	6.065600	.5401058	.5182937
#3	.5618976	5.582527	.5542023	6.012295	.5427792	.5158546

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.11095	F .5587667	1.023391	10.00788	F .0108233	F .5581439
Stddev	.44875	.0098770	.020287	.11111	.0037116	.0035648
%RSD	4.438223	1.767639	1.982353	1.110212	34.29248	.6386944

#1	10.01713	.5634431	1.003641	10.09546	.0150578	.5542701
#2	10.59918	.5474200	1.044176	9.88290	.0092777	.5588750
#3	9.71652	.5654370	1.022355	10.04529	.0081342	.5612864

Sample Name: ICV Acquired: 8/30/2018 13:25:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) 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 .5559576	-.022551	.5557283	F .5626597	.5549406	.0102966
Stddev	.0024197	.005229	.0063467	.0029660	.0126783	.0027915
%RSD	.4352221	23.18690	1.142051	.5271313	2.284619	27.11037

#1	.5538970	-.025131	.5485075	.5593230	.5440080	.0128071
#2	.5553539	-.025988	.5582540	.5636595	.5519751	.0107922
#3	.5586220	-.016533	.5604232	.5649965	.5688388	.0072906

Elem	Sr4077
Units	ppm
Avg	.0127187
Stddev	.0001402
%RSD	1.102196

#1	.0127977
#2	.0128016
#3	.0125569

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1933.681	2253.488	43929.05	5274.413	3148.870
Stddev	14.611	14.075	131.62	15.285	19.639
%RSD	.7556184	.6245830	.2996202	.2898012	.6236846

#1	1937.987	2257.024	43912.14	5267.800	3161.907
#2	1917.400	2265.458	43806.70	5263.547	3158.421
#3	1945.654	2237.982	44068.31	5291.891	3126.282

Sample Name: ICB Acquired: 8/30/2018 13:39:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019858	-.002506	-.000888	.0004756	-.000785	-.000741	-.000825
Stddev	.0037374	.000590	.001948	.0017335	.000617	.007707	.000338
%RSD	188.2070	23.53190	219.5398	364.5109	78.63286	1040.734	41.01052

#1	.0012733	-.002064	-.000591	.0021971	-.000523	.006223	-.000550
#2	.0060282	-.003175	-.002967	.0004993	-.000342	-.009022	-.000722
#3	-.001344	-.002277	.000896	-.001270	-.001490	.000578	-.001202

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000582	-.000028	.0010983	.0002928	.0002646	.0040758	.0069186
Stddev	.0000772	.000032	.0072949	.0001840	.0003080	.0022568	.0144333
%RSD	132.6418	114.1428	664.1841	62.83974	116.4105	55.37112	208.6165

#1	.0000685	-.000042	.0043966	.0000933	-.000085	.0063438	.0033028
#2	.0001297	-.000049	.0061616	.0003294	.000382	.0018304	.0228160
#3	-.000024	.000009	-.007263	.0004558	.000496	.0040531	-.005363

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013362	.0021443	.0004014	.0007025	-.337972	.0030181	.0116802
Stddev	.0007445	.0178878	.0006132	.0004200	.219898	.0029138	.0105383
%RSD	55.71639	834.2110	152.7358	59.78580	65.06400	96.54250	90.22354

#1	.0021806	.0227946	-.000152	.0007273	-.585384	.0000357	.0072074
#2	.0010539	-.007799	.001061	.0011095	-.263720	.0031607	.0237172
#3	.0007742	-.008563	.000296	.0002707	-.164812	.0058580	.0041160

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1098004	-.005369	-.007936	-.000054	-.026844	-.011509	-.003366
Stddev	.0339186	.003954	.001172	.000370	.002564	.000194	.000713
%RSD	30.89112	73.65412	14.76412	679.6905	9.549859	1.686595	21.17470

#1	.1354250	-.008495	-.008057	.000326	-.025359	-.011656	-.002978
#2	.1226397	-.000923	-.009042	-.000077	-.025369	-.011582	-.004188
#3	.0713365	-.006689	-.006708	-.000412	-.029804	-.011289	-.002931

Sample Name: ICB Acquired: 8/30/2018 13:39:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002021	-.000984	-.000066
Stddev	.001021	.001931	.000149
%RSD	50.53522	196.1518	224.7865

#1	-.000862	.000275	-.000051
#2	-.002411	-.000020	.000075
#3	-.002790	-.003207	-.000222

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1898.620	2201.492	43241.28	5181.317	3059.407
Stddev	5.352	8.677	69.42	13.719	14.346
%RSD	.2818866	.3941422	.1605417	.2647777	.4689266

#1	1895.347	2205.493	43308.65	5170.000	3059.602
#2	1904.796	2207.447	43245.21	5196.575	3073.656
#3	1895.717	2191.537	43169.97	5177.375	3044.965

Sample Name: ICSA Acquired: 8/30/2018 13:43:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) 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	-.002794	.0002484	-.007191	-.013724	.0036784	237.4817
Stddev	.004088	.0021297	.002974	.004134	.0019598	.4879
%RSD	146.2871	857.2847	41.35485	30.12080	53.28040	.2054303

#1	.001851	-.002199	-.010476	-.010979	.0045405	237.5689
#2	-.005842	.001263	-.004682	-.011714	.0014352	236.9561
#3	-.004392	.001681	-.006415	-.018478	.0050593	237.9200

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047059	.0007968	-.000134	238.4828	.0521701	.0001431
Stddev	.0006272	.0000329	.000051	.7917	.0007832	.0005340
%RSD	13.32806	4.125984	37.75702	.3319602	1.501299	373.2299

#1	.0051150	.0008298	-.000115	238.3495	.0512888	.0006874
#2	.0039838	.0007968	-.000096	237.7663	.0524349	-.000380
#3	.0050190	.0007640	-.000192	239.3327	.0527866	.000122

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004355	99.44767	.0132608	242.2656	.0033590	-.000286
Stddev	.003971	.43590	.0000422	1.1529	.0004765	.000459
%RSD	91.18604	.4383208	.3184400	.4758980	14.18527	160.6656

#1	-.001149	99.54615	.0132143	242.3133	.0034692	-.000273
#2	-.003120	98.97095	.0132713	241.0896	.0037707	-.000750
#3	-.008798	99.82590	.0132968	243.3940	.0028370	.000167

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5278286	-.006010	-.002839	-.146938	-.004112	F .0783850
Stddev	.3124556	.009720	.008039	.033489	.004438	.0012597
%RSD	59.19642	161.7292	283.2066	22.79096	107.9369	1.607121

#1	.3557354	-.013226	.006408	-.177957	-.007442	.0778389
#2	.3392546	-.009846	-.006753	-.111432	-.005821	.0798257
#3	.8884957	.005042	-.008170	-.151425	.000927	.0774905

Sample Name: ICSA Acquired: 8/30/2018 13:43:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) 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	.0014692	-.023083	-.015723	-.006806	-.002830	.0023005
Stddev	.0005405	.007003	.000779	.002310	.001139	.0009007
%RSD	36.78925	30.33917	4.953003	33.94467	40.26977	39.15127

#1	.0018380	-.031167	-.014956	-.005785	-.002316	.0019821
#2	.0017207	-.018882	-.015698	-.009451	-.002037	.0033171
#3	.0008488	-.019199	-.016513	-.005182	-.004136	.0016022

Elem	Sr4077
Units	ppm
Avg	.1017911
Stddev	.0003916
%RSD	.3847027

#1	.1020131
#2	.1013389
#3	.1020212

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1871.222	2135.779	42946.98	5300.779	2849.690
Stddev	7.104	10.416	147.41	32.972	12.879
%RSD	.3796274	.4877125	.3432364	.6220139	.4519395

#1	1874.053	2132.510	43089.07	5302.526	2843.103
#2	1876.474	2147.438	42957.11	5332.842	2864.530
#3	1863.139	2127.390	42794.77	5266.968	2841.438

Sample Name: ICSAB Acquired: 8/30/2018 13:48:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) 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	.0884003	.1040094	.0487426	.0363967	.6124459	237.6165
Stddev	.0023676	.0029333	.0020082	.0019204	.0032766	.6897
%RSD	2.678310	2.820218	4.120021	5.276203	.5350009	.2902653

#1	.0908108	.1006436	.0466028	.0386114	.6097509	237.4452
#2	.0883120	.1060205	.0490387	.0351928	.6114935	237.0285
#3	.0860780	.1053641	.0505864	.0353860	.6160931	238.3757

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5332618	.5158895	1.024361	237.8456	.5718382	.5067353
Stddev	.0029994	.0033181	.007333	.5038	.0011455	.0030696
%RSD	.5624606	.6431783	.7158277	.2118244	.2003251	.6057633

#1	.5311807	.5154475	1.017174	237.5365	.5710908	.5036938
#2	.5319047	.5128145	1.024079	237.5733	.5712668	.5066798
#3	.5366998	.5194064	1.031831	238.4270	.5731570	.5098323

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5230097	99.32489	.5422586	241.3014	1.058112	F .1558663
Stddev	.0019500	.36805	.0015753	.8583	.004139	.0007777
%RSD	.3728349	.3705550	.2904988	.3557145	.3911391	.4989805

#1	.5226896	99.39699	.5430402	241.2478	1.053666	.1555878
#2	.5212397	98.92612	.5432902	240.4711	1.058816	.1552662
#3	.5251000	99.65155	.5404454	242.1853	1.061853	.1567450

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2798381	.5339274	.9992087	-.287178	.0069132	F .0793226
Stddev	.1989496	.0040134	.0180483	.051510	.0012452	.0007656
%RSD	71.09454	.7516790	1.806257	17.93672	18.01257	.9651772

#1	.1249797	.5377309	.9827814	-.262029	.0059699	.0784389
#2	.5042201	.5297327	.9963162	-.346432	.0083246	.0797848
#3	.2103146	.5343185	1.018529	-.253073	.0064450	.0797442

Sample Name: ICSAB Acquired: 8/30/2018 13:48:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) 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	.0029427	-.021361	-.010672	F -.007429	-.005115	.0002138
Stddev	.0002380	.005278	.003341	.001535	.002260	.0004521
%RSD	8.086858	24.71045	31.30914	20.66202	44.17254	211.4577

#1	.0026704	-.025982	-.011530	-.006293	-.003463	.0005205
#2	.0030471	-.022491	-.006986	-.006819	-.004193	-.000305
#3	.0031106	-.015609	-.013501	-.009175	-.007690	.000426

Elem	Sr4077
Units	ppm
Avg	.1020561
Stddev	.0002967
%RSD	.2906969

#1	.1022550
#2	.1017151
#3	.1021982

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1849.640	2113.882	42640.53	5271.622	2833.449
Stddev	8.861	2.694	80.50	12.001	5.411
%RSD	.4790871	.1274630	.1887918	.2276590	.1909784

#1	1839.975	2115.458	42669.75	5279.327	2836.878
#2	1857.382	2115.418	42702.34	5277.744	2836.258
#3	1851.564	2110.771	42549.49	5257.794	2827.211

Sample Name: CCV010 Acquired: 8/30/2018 13:52:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV010 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.107027	4.967112	25.39227	4.811721	5.072961	407.4090	10.33329
Stddev	.021414	.012249	.08071	.021972	.025693	1.3875	.02852
%RSD	.4193034	.2466012	.3178555	.4566355	.5064702	.3405671	.2760257

#1	5.094856	4.964366	25.34087	4.800037	5.050641	407.6487	10.32764
#2	5.094471	4.956468	25.35064	4.798060	5.067195	408.6610	10.36421
#3	5.131752	4.980500	25.48529	4.837067	5.101047	405.9173	10.30801

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4985682	2.487572	431.2303	15.33922	2.514796	15.41691	404.2687
Stddev	.0027235	.006661	.7488	.00831	.005003	.06185	.5241
%RSD	.5462573	.2677633	.1736519	.0542048	.1989501	.4011582	.1296450

#1	.4978838	2.484382	431.1724	15.32962	2.513199	15.40590	404.4731
#2	.5015686	2.483106	432.0065	15.34425	2.510786	15.48352	403.6731
#3	.4962522	2.495227	430.5122	15.34378	2.520403	15.36131	404.6597

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.06580	375.3585	2.577693	1.261114	405.0023	2.584279	14.72543
Stddev	.02093	.7964	.005155	.002124	1.1535	.004263	.11303
%RSD	.1389296	.2121649	.1999957	.1683981	.2848158	.1649578	.7676133

#1	15.07635	375.6968	2.573054	1.260221	404.8595	2.589176	14.84479
#2	15.04169	374.4488	2.576782	1.263539	406.2206	2.581400	14.71146
#3	15.07936	375.9299	2.583243	1.259583	403.9269	2.582261	14.62002

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	160.9570	5.405694	5.080011	4.958207	5.214201	4.876224	5.149901
Stddev	.3677	.025786	.026364	.022173	.012225	.021826	.016814
%RSD	.2284515	.4770150	.5189707	.4472040	.2344513	.4475953	.3264885

#1	160.6734	5.379742	5.095696	4.942607	5.200115	4.880019	5.133900
#2	161.3725	5.406030	5.094764	4.948425	5.222048	4.895903	5.148378
#3	160.8253	5.431311	5.049574	4.983589	5.220438	4.852749	5.167424

Sample Name: CCV010 Acquired: 8/30/2018 13:52:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV010 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.148516	5.225814	5.121455
Stddev	.031416	.012028	.009990
%RSD	.6101915	.2301577	.1950653

#1	5.152483	5.229676	5.124854
#2	5.177761	5.235437	5.129302
#3	5.115306	5.212330	5.110209

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1707.191	1909.728	41050.56	5104.609	2545.796
Stddev	9.773	6.629	23.81	17.645	5.803
%RSD	.5724390	.3470946	.0579914	.3456704	.2279357

#1	1697.027	1913.165	41077.69	5107.125	2547.121
#2	1716.519	1913.931	41040.84	5085.841	2550.822
#3	1708.026	1902.087	41033.16	5120.861	2539.446

Sample Name: CCB010 Acquired: 8/30/2018 13:56:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB010 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012376	.0014873	-.001103	-.000824	-.000289	.0184477	-.001742
Stddev	.0028863	.0038150	.001947	.000575	.000662	.0108666	.000675
%RSD	233.2148	256.4979	176.6126	69.82070	228.8400	58.90506	38.74773

#1	-.002093	.0047709	-.003041	-.000177	-.000473	.0301378	-.002522
#2	.002806	-.002698	.000854	-.001016	-.000840	.0086543	-.001353
#3	.003000	.002389	-.001120	-.001279	.000445	.0165509	-.001352

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000523	-.000034	.0059864	.0000734	.0002501	.0029469	-.016898
Stddev	.0000509	.000083	.0188025	.0002296	.0001043	.0011752	.016207
%RSD	97.34282	246.4411	314.0858	312.8684	41.68680	39.87851	95.91063

#1	.0000679	.000055	.0224091	-.000001	.0001578	.0025768	-.035170
#2	.0000937	-.000047	.0100737	-.000110	.0002295	.0042626	-.011267
#3	-.000005	-.000110	-.014524	.000331	.0003632	.0020013	-.004258

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006371	.0197742	-.000011	.0008311	-.344784	-.003774	-.005623
Stddev	.0008337	.0335624	.000175	.0000517	.303561	.007282	.013577
%RSD	130.8721	169.7282	1638.656	6.217289	88.04399	192.9776	241.4724

#1	.0012230	.0505456	.000072	.0007861	-.445362	.002389	.006115
#2	-.000317	-.016014	-.000211	.0008875	-.003698	-.001901	-.020492
#3	.001006	.024791	.000107	.0008196	-.585291	-.011809	-.002491

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2144846	-.005316	-.001134	.0001762	-.036287	-.011665	-.002476
Stddev	.0574448	.001545	.001009	.0003450	.000929	.000382	.000431
%RSD	26.78271	29.06583	88.97824	195.7466	2.558883	3.276131	17.40915

#1	.2683496	-.005021	-.000216	.0004133	-.035266	-.011435	-.002560
#2	.2210754	-.006987	-.000972	.0003349	-.036516	-.011455	-.002009
#3	.1540286	-.003939	-.002215	-.000220	-.037080	-.012107	-.002859

Sample Name: CCB010 Acquired: 8/30/2018 13:56:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB010 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003861	-.001799	.0000960
Stddev	.0012560	.000364	.0000859
%RSD	325.3119	20.24836	89.55769

#1	.0001787	-.001847	.0001770
#2	.0017329	-.002137	.0000058
#3	-.000753	-.001413	.0001050

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1945.161	2224.384	44152.32	5263.017	3105.831
Stddev	5.437	11.506	76.01	12.535	11.366
%RSD	.2794982	.5172780	.1721575	.2381716	.3659691

#1	1948.758	2230.599	44239.73	5248.650	3108.387
#2	1947.819	2231.446	44101.72	5268.675	3115.701
#3	1938.907	2211.106	44115.51	5271.725	3093.404

Sample Name: PB112474BL Acquired: 8/30/2018 14:00:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035478	-.001390	-.000035	-.000222	-.000345	.0173838	-.001169
Stddev	.0046074	.001577	.001496	.001013	.000551	.0031374	.000351
%RSD	129.8657	113.4813	4232.476	455.6545	159.6449	18.04792	30.05199

#1	.0000176	-.003209	-.001323	.000752	-.000653	.0138316	-.001570
#2	.0087598	-.000555	.001605	-.000150	.000291	.0185435	-.001020
#3	.0018659	-.000405	-.000389	-.001269	-.000673	.0197762	-.000917

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000006	.0000204	-.005426	-.000055	.0002961	.0015707	-.002887
Stddev	.000056	.0000635	.021554	.000099	.0000428	.0024996	.019780
%RSD	960.2867	311.6996	397.2213	180.2085	14.47178	159.1374	685.2530

#1	-.000008	-.000047	-.030197	-.000011	.0003111	.0038870	-.025539
#2	-.000061	.000079	.004873	-.000169	.0003294	.0019039	.005911
#3	.000052	.000029	.009046	.000015	.0002477	-.001079	.010969

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000161	-.038283	-.000293	.0009684	.0967317	-.003287	-.008934
Stddev	.000980	.060885	.000289	.0001533	.2854278	.002807	.003365
%RSD	608.7724	159.0382	98.46519	15.82904	295.0716	85.38733	37.66045

#1	.000922	-.007963	-.000130	.0009801	-.147227	-.006491	-.005072
#2	-.000988	.001488	-.000626	.0008096	.410628	-.001264	-.011233
#3	-.000417	-.108375	-.000123	.0011155	.026795	-.002105	-.010497

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1019123	-.008294	-.007979	-.000020	-.033575	-.012451	-.003805
Stddev	.0459838	.002111	.000803	.000198	.000470	.000495	.000624
%RSD	45.12099	25.44877	10.06862	974.7255	1.399487	3.978923	16.40862

#1	.1157874	-.006287	-.008774	-.000248	-.033983	-.012683	-.004187
#2	.1393609	-.010495	-.007997	.000109	-.033681	-.012787	-.004143
#3	.0505887	-.008099	-.007167	.000078	-.033061	-.011882	-.003085

Sample Name: PB112474BL Acquired: 8/30/2018 14:00:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001589	-.005168	.0000174
Stddev	.002091	.000798	.0001286
%RSD	131.5778	15.44890	737.8915

#1	-.001865	-.005950	-.000025
#2	-.003529	-.005200	.000162
#3	.000626	-.004355	-.000084

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1891.215	2169.208	42975.39	5144.750	3018.121
Stddev	13.274	2.999	158.38	13.985	6.411
%RSD	.7018581	.1382682	.3685304	.2718395	.2124016

#1	1878.673	2170.448	42792.52	5135.925	3021.319
#2	1905.116	2171.388	43064.72	5160.875	3022.304
#3	1889.857	2165.787	43068.92	5137.450	3010.741

Sample Name: PB112474BS Acquired: 8/30/2018 14:05:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0212635	.0475396	.0179034	.0719193	.1242077	.3972727
Stddev	.0019281	.0011637	.0010146	.0025911	.0025450	.0118698
%RSD	9.067513	2.447744	5.667317	3.602843	2.048992	2.987835

#1	.0194101	.0463989	.0190747	.0692933	.1224742	.4080616
#2	.0211221	.0474948	.0172968	.0719904	.1230194	.3991990
#3	.0232584	.0487249	.0173385	.0744741	.1271295	.3845575

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4069317	.0107710	.0103388	9.813429	.0216743	.0957924
Stddev	.0003441	.0000528	.0000268	.021956	.0002507	.0001632
%RSD	.0845608	.4902764	.2592446	.2237340	1.156545	.1703350

#1	.4066686	.0107383	.0103373	9.790222	.0218882	.0956251
#2	.4068053	.0108320	.0103128	9.833873	.0213985	.0958010
#3	.4073211	.0107429	.0103663	9.816193	.0217362	.0959510

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0563382	.2216154	.0340633	9.568813	.0822747	.0208914
Stddev	.0018665	.0133195	.0006762	.141967	.0006225	.0001628
%RSD	3.312973	6.010186	1.985012	1.483646	.7566630	.7790868

#1	.0550368	.2368971	.0342982	9.438405	.0816378	.0210069
#2	.0555010	.2154790	.0333010	9.547994	.0828819	.0209619
#3	.0584766	.2124703	.0345907	9.720041	.0823045	.0207052

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.749976	.1073723	.1121230	9.596714	F .1776647	.0084831
Stddev	.110909	.0076481	.0046705	.055692	.0044140	.0002308
%RSD	1.137529	7.123006	4.165522	.5803219	2.484436	2.720974

#1	9.871052	.1161061	.1137314	9.644647	.1749709	.0082754
#2	9.653296	.1041392	.1157768	9.609874	.1827587	.0087316
#3	9.725581	.1018717	.1068608	9.535621	.1752645	.0084424

Sample Name: PB112474BS Acquired: 8/30/2018 14:05:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0196011	.1539729	.1829061	.0090586	.1008085	.0857989
Stddev	.0004385	.0034288	.0023605	.0008511	.0027193	.0012583
%RSD	2.237255	2.226900	1.290559	9.395495	2.697481	1.466616

#1	.0192113	.1515463	.1847066	.0100286	.1037137	.0872214
#2	.0195161	.1524769	.1837780	.0087101	.0983242	.0853440
#3	.0200759	.1578956	.1802337	.0084370	.1003877	.0848312

Elem	Sr4077
Units	ppm
Avg	.2034549
Stddev	.0003822
%RSD	.1878496

#1	.2030302
#2	.2035635
#3	.2037710

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1923.396	2188.043	43701.65	5236.933	3088.586
Stddev	7.999	10.215	141.90	13.459	9.716
%RSD	.4158879	.4668708	.3247086	.2570006	.3145921

#1	1916.875	2194.499	43864.31	5237.500	3093.122
#2	1920.992	2193.364	43637.45	5223.200	3095.205
#3	1932.322	2176.265	43603.19	5250.100	3077.431

Sample Name: J4668-01 Acquired: 8/30/2018 14:09:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB96 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0663975	.0027209	1.153419	-.015729	.0042296	86.59561	2.008952
Stddev	.0030563	.0028912	.004921	.003260	.0004010	.20031	.001058
%RSD	4.603013	106.2609	.4266331	20.72533	9.479655	.2313148	.0526555

#1	.0692851	.0059270	1.152390	-.011992	.0037794	86.37180	2.007745
#2	.0631966	.0003118	1.149093	-.017993	.0045482	86.65693	2.009393
#3	.0667109	.0019238	1.158772	-.017201	.0043612	86.75808	2.009717

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068585	.0070065	46.25072	.1323683	.1499695	.2966619	168.0635
Stddev	.0000994	.0001127	.12015	.0002470	.0004013	.0039385	.9776
%RSD	1.449309	1.607809	.2597695	.1865640	.2675729	1.327608	.5817105

#1	.0068824	.0070599	46.15759	.1326514	.1501436	.2922250	167.0630
#2	.0069437	.0068771	46.38634	.1322559	.1495106	.2980158	169.0165
#3	.0067493	.0070825	46.20825	.1321975	.1502543	.2997448	168.1111

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.69918	19.16225	.1926211	.0006484	.6843817	.2713555	1.020897
Stddev	.06732	.12606	.0008208	.0002247	.1237964	.0026675	.006498
%RSD	.5301219	.6578570	.4261222	34.65442	18.08880	.9830242	.6365251

#1	12.62545	19.01729	.1933386	.0007547	.7792963	.2744201	1.013657
#2	12.75738	19.24622	.1917261	.0008003	.7294932	.2695557	1.022811
#3	12.71472	19.22323	.1927987	.0003903	.5443557	.2700907	1.026223

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.15586	8.729167	.1759793	.0061905	4.205429	2.828499	.0023043
Stddev	.11189	.034354	.0013450	.0002746	.005216	.039237	.0024128
%RSD	.8505308	.3935518	.7642799	4.435934	.1240312	1.387202	104.7109

#1	13.03968	8.693375	.1751639	.0058928	4.199481	2.789451	.0043066
#2	13.26291	8.732252	.1752422	.0064339	4.207583	2.867922	.0029807
#3	13.16500	8.761874	.1775316	.0062447	4.209223	2.828123	-.000375

Sample Name: J4668-01 Acquired: 8/30/2018 14:09:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB96 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.158158	.0511669	.1613176
Stddev	.003311	.0011827	.0007753
%RSD	.2858923	2.311507	.4805911

#1	1.155025	.0499952	.1606239
#2	1.161622	.0523603	.1621545
#3	1.157827	.0511451	.1611744

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2219.917	2520.319	51088.32	6214.566	3032.750
Stddev	16.160	2.982	252.76	31.653	6.136
%RSD	.7279756	.1183037	.4947574	.5093286	.2023262

#1	2205.997	2519.107	50924.19	6249.950	3033.943
#2	2237.640	2523.715	51379.40	6188.946	3038.202
#3	2216.116	2518.134	50961.37	6204.802	3026.105

Sample Name: J4668-02 Acquired: 8/30/2018 14:13:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB97 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0651838	-.000685	1.565849	-.016999	.0045487	84.97320	1.925926
Stddev	.0066114	.003562	.010108	.000656	.0016813	.10619	.007290
%RSD	10.14267	519.7161	.6455227	3.857939	36.96258	.1249691	.3785330

#1	.0664557	-.002915	1.567682	-.016981	.0032259	84.94052	1.934341
#2	.0710668	-.002564	1.554950	-.017664	.0064407	85.09188	1.921545
#3	.0580289	.003423	1.574915	-.016352	.0039794	84.88718	1.921890

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067876	.0073719	43.94349	.1174324	.1271392	.2394939	164.3225
Stddev	.0001071	.0000779	.08796	.0004140	.0011340	.0036691	.6303
%RSD	1.577245	1.056862	.2001732	.3525182	.8919315	1.532022	.3835781

#1	.0068778	.0073457	44.04499	.1170090	.1268769	.2376366	165.0399
#2	.0068156	.0074595	43.88939	.1178363	.1261594	.2371249	163.8579
#3	.0066693	.0073104	43.89609	.1174520	.1283814	.2437203	164.0695

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.646343	19.85919	.1737857	.0005964	.7411070	.2726728	1.272682
Stddev	.032939	.05861	.0013742	.0006510	.2068801	.0039519	.023570
%RSD	.3414660	.2951447	.7907459	109.1529	27.91500	1.449325	1.851973

#1	9.682126	19.92687	.1729303	.0009991	.8679075	.2770237	1.251680
#2	9.617286	19.82613	.1730559	-.000155	.5023768	.2716890	1.298173
#3	9.639617	19.82457	.1753708	.000945	.8530366	.2693057	1.268193

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.48650	6.763962	.1720753	.0071438	4.327955	3.522451	.0026091
Stddev	.06091	.058243	.0026988	.0000554	.022527	.032583	.0011825
%RSD	.4877840	.8610746	1.568356	.7755211	.5205026	.9250201	45.32253

#1	12.51141	6.714614	.1732953	.0071961	4.313272	3.559906	.0034417
#2	12.53102	6.749065	.1739487	.0070858	4.316701	3.500631	.0012556
#3	12.41709	6.828206	.1689820	.0071495	4.353891	3.506818	.0031299

Sample Name: J4668-02 Acquired: 8/30/2018 14:13:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB97 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.311482	.0503324	.1515363
Stddev	.006863	.0016946	.0002701
%RSD	.5232799	3.366759	.1782762

#1	1.306098	.0485072	.1512951
#2	1.319210	.0506344	.1518282
#3	1.309138	.0518557	.1514856

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2216.388	2524.097	51009.41	6202.418	3072.117
Stddev	17.163	7.210	428.01	30.209	17.534
%RSD	.7743669	.2856538	.8390833	.4870508	.5707421

#1	2225.085	2525.908	51206.74	6176.569	3077.823
#2	2196.617	2530.229	50518.33	6195.058	3086.088
#3	2227.461	2516.154	51303.16	6235.627	3052.441

Sample Name: J4668-03 Acquired: 8/30/2018 14:17:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB98 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0976454	.0000900	3.938988	-.015648	.0045312	81.57889	3.020909
Stddev	.0047008	.0021786	.014055	.003492	.0011448	.06449	.006164
%RSD	4.814103	2421.938	.3568211	22.31598	25.26494	.0790562	.2040363

#1	.0930807	-.000141	3.930287	-.013008	.0034934	81.62349	3.015235
#2	.0973844	-.001964	3.931473	-.014328	.0057592	81.50494	3.027467
#3	.1024713	.002375	3.955203	-.019607	.0043409	81.60823	3.020024

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070527	.0145880	38.23510	.1084946	.1411896	.2457753	163.4556
Stddev	.0001465	.0000846	.14074	.0004160	.0010005	.0030480	.5935
%RSD	2.077296	.5802307	.3680929	.3833917	.7086047	1.240165	.3630962

#1	.0069281	.0144923	38.09434	.1089282	.1412694	.2485118	162.8672
#2	.0070159	.0146529	38.37582	.1084568	.1401516	.2463238	164.0541
#3	.0072141	.0146188	38.23513	.1080988	.1421478	.2424903	163.4454

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.23692	20.35341	.1776534	.0014642	.5780918	.2690722	1.541873
Stddev	.01572	.04398	.0013994	.0001519	.1719676	.0063591	.025907
%RSD	.1535598	.2160626	.7877358	10.37291	29.74746	2.363342	1.680255

#1	10.22658	20.31263	.1771079	.0014250	.7369260	.2618529	1.571673
#2	10.25501	20.40001	.1766089	.0013359	.6018815	.2715206	1.524694
#3	10.22917	20.34759	.1792435	.0016319	.3954680	.2738432	1.529253

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.03163	6.775670	.1620402	.0053260	3.987532	2.855018	.0028240
Stddev	.05945	.044248	.0019819	.0001930	.023476	.022410	.0005667
%RSD	.5388671	.6530421	1.223067	3.624281	.5887251	.7849418	20.06888

#1	11.09395	6.755249	.1637685	.0055240	3.964357	2.835274	.0033064
#2	10.97555	6.745320	.1624752	.0053156	3.986942	2.879377	.0029658
#3	11.02540	6.826440	.1598770	.0051383	4.011297	2.850405	.0021998

Sample Name: J4668-03 Acquired: 8/30/2018 14:17:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAB98 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9322464	.0452770	.1157597
Stddev	.0020831	.0029173	.0003555
%RSD	.2234514	6.443317	.3070654

#1	.9341685	.0450275	.1153912
#2	.9325377	.0424923	.1157874
#3	.9300329	.0483110	.1161005

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2199.388	2503.532	50652.87	6098.185	3063.067
Stddev	7.633	9.343	103.23	23.666	9.769
%RSD	.3470599	.3731915	.2038062	.3880808	.3189299

#1	2202.829	2506.226	50556.10	6125.025	3066.507
#2	2204.695	2511.232	50761.54	6080.316	3070.651
#3	2190.640	2493.138	50640.97	6089.214	3052.044

Sample Name: J4668-04 Acquired: 8/30/2018 14:21:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB99 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0604627	-.002161	1.292010	-.015166	.0045467	79.72076	1.822208
Stddev	.0020927	.001569	.008644	.003006	.0006037	.39083	.006149
%RSD	3.461106	72.59186	.6690738	19.82173	13.27809	.4902538	.3374460

#1	.0625561	-.003852	1.285911	-.018637	.0048539	79.98275	1.824949
#2	.0583707	-.001876	1.288216	-.013436	.0049350	79.27154	1.815165
#3	.0604613	-.000754	1.301903	-.013424	.0038511	79.90800	1.826510

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067657	.0065637	192.3335	.1022001	.1078011	.1817266	144.1260
Stddev	.0001576	.0001688	.5436	.0004025	.0009366	.0038119	.1455
%RSD	2.329013	2.571568	.2826428	.3937905	.8688388	2.097602	.1009781

#1	.0069394	.0064822	192.7255	.1023642	.1072395	.1847149	144.1442
#2	.0067257	.0064511	191.7130	.1017415	.1072814	.1774337	144.2616
#3	.0066320	.0067577	192.5621	.1024946	.1088823	.1830311	143.9723

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.911198	34.10504	.1591638	.0006451	.4803600	.2344861	.9064739
Stddev	.015472	.05732	.0008797	.0002802	.3117503	.0051833	.0173107
%RSD	.1736271	.1680571	.5527081	43.43191	64.89930	2.210487	1.909674

#1	8.919724	34.04112	.1590071	.0003681	.1460934	.2340772	.9053293
#2	8.893338	34.15186	.1583729	.0006388	.5317886	.2398618	.9243284
#3	8.920531	34.12214	.1601113	.0009283	.7631982	.2295194	.8897639

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.96554	6.884659	.1451830	.0058261	5.377727	4.642374	-.000031
Stddev	.11082	.030047	.0019533	.0004228	.031701	.024131	.000313
%RSD	1.010658	.4364379	1.345431	7.256073	.5894849	.5198020	1012.748

#1	11.03719	6.865172	.1439350	.0061624	5.346592	4.670212	-.000180
#2	10.83789	6.869542	.1474341	.0053516	5.376624	4.627409	-.000241
#3	11.02154	6.919263	.1441799	.0059644	5.409965	4.629500	.000329

Sample Name: J4668-04 Acquired: 8/30/2018 14:21:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB99 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9786442	.0475727	.2056058
Stddev	.0063375	.0004518	.0004510
%RSD	.6475818	.9497933	.2193755

#1	.9817160	.0480942	.2060380
#2	.9713561	.0473253	.2051380
#3	.9828604	.0472985	.2056415

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2194.715	2497.005	51044.89	6232.143	3044.614
Stddev	9.076	6.494	20.44	30.695	12.735
%RSD	.4135367	.2600822	.0400382	.4925245	.4182891

#1	2196.646	2501.520	51034.39	6196.703	3054.300
#2	2184.829	2499.934	51068.44	6250.275	3049.353
#3	2202.670	2489.563	51031.84	6249.451	3030.188

Sample Name: J4668-05 Acquired: 8/30/2018 14:25:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGABA0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0727625	-.003574	1.413099	-.014054	.0035865	79.59725	1.988041
Stddev	.0030039	.002728	.004761	.001998	.0015332	.15361	.006307
%RSD	4.128328	76.33184	.3369161	14.21925	42.74799	.1929804	.3172393

#1	.0693625	-.003533	1.407769	-.012320	.0031114	79.75562	1.983405
#2	.0738681	-.000867	1.414600	-.013604	.0053010	79.58724	1.995223
#3	.0750569	-.006322	1.416929	-.016240	.0023472	79.44890	1.985495

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063906	.0066855	48.43194	.1035146	.1176622	.2197305	147.4688
Stddev	.0000505	.0000563	.04868	.0008223	.0003586	.0018276	.2109
%RSD	.7903781	.8425335	.1005162	.7943689	.3047614	.8317247	.1429808

#1	.0063494	.0067329	48.38381	.1041241	.1172958	.2198968	147.2375
#2	.0064469	.0067004	48.48115	.1038404	.1176783	.2178255	147.5188
#3	.0063754	.0066232	48.43086	.1025793	.1180125	.2214693	147.6502

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.77646	17.98538	.1646041	.0003519	.7823208	.2516846	1.118817
Stddev	.01419	.05613	.0013947	.0004304	.1364824	.0071556	.007974
%RSD	.1316829	.3120725	.8472981	122.3082	17.44584	2.843076	.7127048

#1	10.76863	17.94258	.1630502	.0008021	.7434340	.2599078	1.127587
#2	10.76790	17.96464	.1650148	.0003091	.9340265	.2482708	1.116860
#3	10.79284	18.04893	.1657474	-.000055	.6695020	.2468753	1.112004

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.39108	6.241026	.1498296	.0070048	4.767183	3.829439	.0024871
Stddev	.08323	.038667	.0024425	.0002185	.029946	.019196	.0012858
%RSD	.8010135	.6195624	1.630209	3.119336	.6281708	.5012731	51.69723

#1	10.45091	6.204864	.1471438	.0071313	4.737980	3.840811	.0038209
#2	10.42630	6.236426	.1504270	.0067525	4.765748	3.807276	.0012554
#3	10.29602	6.281786	.1519180	.0071306	4.797821	3.840230	.0023851

Sample Name: J4668-05 Acquired: 8/30/2018 14:25:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGABA0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.167263	.0464650	.1626220
Stddev	.007943	.0011709	.0002003
%RSD	.6805060	2.520058	.1231545

#1	1.174860	.0456329	.1624089
#2	1.167914	.0478040	.1628064
#3	1.159013	.0459581	.1626507

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2226.260	2536.537	51149.65	6187.991	3106.877
Stddev	5.024	6.253	87.61	16.677	8.077
%RSD	.2256913	.2465268	.1712811	.2695129	.2599832

#1	2222.436	2535.747	51238.13	6176.274	3111.279
#2	2231.950	2543.148	51062.94	6207.084	3111.796
#3	2224.392	2530.717	51147.89	6180.614	3097.555

Sample Name: J4668-06 Acquired: 8/30/2018 14:29:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGABA1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0680970	-.001246	1.178950	-.015872	.0052936	95.01980	2.004792
Stddev	.0033133	.002083	.005622	.002136	.0006379	.30146	.009740
%RSD	4.865580	167.1144	.4768829	13.46100	12.04989	.3172622	.4858186

#1	.0714177	-.003112	1.177030	-.018220	.0054078	94.93695	1.998815
#2	.0647911	-.001628	1.174541	-.015352	.0046064	95.35402	2.016031
#3	.0680821	.001001	1.185281	-.014043	.0058667	94.76843	1.999531

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073219	.0073303	48.78821	.1162296	.1356261	.3091265	173.5761
Stddev	.0000916	.0000899	.28833	.0007230	.0007086	.0030531	.9008
%RSD	1.250433	1.226308	.5909866	.6220307	.5224573	.9876503	.5189584

#1	.0072711	.0074196	48.63582	.1170593	.1355225	.3126055	172.6649
#2	.0074276	.0072398	49.12076	.1157348	.1349750	.3078806	174.4661
#3	.0072671	.0073315	48.60805	.1158946	.1363808	.3068932	173.5974

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.97853	21.56974	.1831073	.0008132	1.232215	.2957043	1.101913
Stddev	.05763	.12231	.0004183	.0002702	.178181	.0078930	.015137
%RSD	.5249038	.5670259	.2284459	33.23091	14.46018	2.669214	1.373689

#1	10.92877	21.45835	.1830827	.0005031	1.372404	.2901497	1.096411
#2	11.04167	21.70062	.1827019	.0009986	1.031703	.3047393	1.119032
#3	10.96516	21.55026	.1835374	.0009379	1.292537	.2922240	1.090297

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.08515	5.442541	.1713892	.0074100	3.938068	3.081007	.0046583
Stddev	.04792	.025891	.0010194	.0001651	.008769	.012638	.0018373
%RSD	.3662132	.4757194	.5947939	2.228650	.2226644	.4101958	39.44208

#1	13.08206	5.425523	.1705182	.0072286	3.930051	3.070617	.0047417
#2	13.13454	5.429763	.1711389	.0075515	3.936721	3.095077	.0064526
#3	13.03884	5.472338	.1725105	.0074498	3.947432	3.077328	.0027807

Sample Name: J4668-06 Acquired: 8/30/2018 14:29:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGABA1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.300307	.0571704	.1790741
Stddev	.004225	.0013844	.0013262
%RSD	.3248906	2.421609	.7406123

#1	1.299056	.0557447	.1777774
#2	1.305016	.0572569	.1804280
#3	1.296849	.0585095	.1790169

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2228.049	2527.781	51660.32	6240.811	3082.066
Stddev	9.598	4.081	155.80	35.763	4.863
%RSD	.4307839	.1614291	.3015881	.5730500	.1577803

#1	2220.231	2532.427	51602.60	6248.876	3087.320
#2	2225.155	2526.135	51541.62	6201.705	3077.723
#3	2238.761	2524.780	51836.75	6271.853	3081.154

Sample Name: J4668-07 Acquired: 8/30/2018 14:33:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGABA2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0566316	.0038661	.6752199	-.015065	.0046844	85.32757	1.623650
Stddev	.0010079	.0015636	.0009053	.002474	.0013487	.26487	.006356
%RSD	1.779787	40.44497	.1340739	16.42078	28.79254	.3104205	.3914675

#1	.0556378	.0054199	.6744749	-.015831	.0061979	85.14283	1.621077
#2	.0576531	.0022929	.6749573	-.012298	.0042454	85.20883	1.630889
#3	.0566040	.0038854	.6762274	-.017065	.0036098	85.63103	1.618984

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066491	.0043783	26.39526	.1054737	.1230971	.1212901	150.6516
Stddev	.0001112	.0001244	.09074	.0006442	.0009715	.0006377	.3054
%RSD	1.672919	2.841167	.3437801	.6108142	.7892532	.5257662	.2027303

#1	.0065270	.0043961	26.37472	.1053279	.1219974	.1211285	150.7251
#2	.0066758	.0042459	26.49452	.1049149	.1238390	.1219930	150.9135
#3	.0067446	.0044928	26.31656	.1061784	.1234549	.1207487	150.3161

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.89281	18.40320	.1508730	.0006862	.7089431	.2703859	.6926250
Stddev	.02994	.07634	.0005139	.0004844	.1269511	.0041798	.0212566
%RSD	.2517520	.4147940	.3406234	70.59240	17.90710	1.545858	3.068998

#1	11.92273	18.48248	.1513361	.0012380	.5943794	.2698642	.6680824
#2	11.89285	18.33020	.1503201	.0004891	.6870230	.2748021	.7052012
#3	11.86285	18.39693	.1509626	.0003314	.8454269	.2664915	.7045913

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.835331	4.823799	.1481601	.0062179	2.353166	2.800118	.0024709
Stddev	.099901	.022024	.0020134	.0002425	.013911	.020012	.0005206
%RSD	1.015734	.4565767	1.358949	3.899953	.5911506	.7146899	21.06867

#1	9.931744	4.809709	.1478243	.0059767	2.346439	2.785083	.0022338
#2	9.732274	4.812509	.1463357	.0062154	2.343897	2.822832	.0030678
#3	9.841974	4.849179	.1503203	.0064616	2.369161	2.792438	.0021110

Sample Name: J4668-07 Acquired: 8/30/2018 14:33:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGABA2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.194376	.0502824	.1340053
Stddev	.006307	.0002605	.0005298
%RSD	.5280446	.5181107	.3953591

#1	1.196967	.0501446	.1343770
#2	1.187186	.0501198	.1342402
#3	1.198974	.0505829	.1333986

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2206.437	2513.044	50895.44	6146.365	3103.918
Stddev	14.646	2.520	115.51	8.780	2.362
%RSD	.6637971	.1002964	.2269497	.1428420	.0760945

#1	2216.723	2510.146	50973.93	6144.336	3104.817
#2	2212.920	2514.256	50949.58	6138.778	3105.698
#3	2189.668	2514.729	50762.81	6155.982	3101.239

Sample Name: J4668-08 Acquired: 8/30/2018 14:37:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGABA3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0545990	.0036391	.6987790	-.016187	.0038218	87.54532	1.677301
Stddev	.0020347	.0033292	.0045875	.001437	.0007183	.30928	.002819
%RSD	3.726622	91.48563	.6564971	8.880458	18.79614	.3532765	.1680439

#1	.0551813	.0046238	.6934967	-.017118	.0036337	87.37133	1.676428
#2	.0523367	-.000071	.7017629	-.014531	.0032162	87.36223	1.675023
#3	.0562791	.006365	.7010775	-.016911	.0046155	87.90241	1.680453

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069025	.0046625	27.58208	.1067217	.1291292	.1259928	154.8334
Stddev	.0000727	.0001023	.06450	.0004919	.0014555	.0035977	.5050
%RSD	1.052966	2.193879	.2338392	.4609571	1.127165	2.855486	.3261560

#1	.0069817	.0046808	27.59312	.1061996	.1291339	.1222692	154.8114
#2	.0068867	.0047544	27.51277	.1071766	.1276713	.1294498	154.3397
#3	.0068390	.0045523	27.64034	.1067889	.1305823	.1262593	155.3490

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.42464	19.06553	.1563744	.0006964	.8191837	.2680330	.6992383
Stddev	.04520	.03099	.0008093	.0002054	.0893930	.0073622	.0159028
%RSD	.3637873	.1625551	.5175519	29.49179	10.91245	2.746757	2.274303

#1	12.42227	19.10047	.1559666	.0005971	.7306435	.2726434	.7136838
#2	12.38067	19.05478	.1558502	.0005596	.9094058	.2719132	.6821975
#3	12.47098	19.04135	.1573065	.0009326	.8175019	.2595423	.7018337

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.05423	5.035557	.1493433	.0063163	2.421257	4.290346	.0028853
Stddev	.04875	.012720	.0016688	.0003048	.009582	.048958	.0010092
%RSD	.4848971	.2526040	1.117429	4.825811	.3957413	1.141130	34.97763

#1	10.07764	5.033428	.1474176	.0065654	2.417102	4.340219	.0038304
#2	9.99818	5.024036	.1503665	.0064070	2.414454	4.242357	.0030034
#3	10.08686	5.049208	.1502457	.0059764	2.432215	4.288461	.0018223

Sample Name: J4668-08 Acquired: 8/30/2018 14:37:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGABA3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.232553	.0544473	.1395340
Stddev	.007767	.0020538	.0004869
%RSD	.6301733	3.772026	.3489180

#1	1.226924	.0544419	.1390287
#2	1.229321	.0523963	.1395732
#3	1.241414	.0565038	.1400000

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2229.300	2526.591	51326.45	6202.962	3112.589
Stddev	11.570	1.845	85.93	28.726	6.058
%RSD	.5189943	.0730259	.1674247	.4631022	.1946214

#1	2217.628	2524.712	51230.77	6174.476	3114.282
#2	2240.765	2526.660	51351.51	6231.922	3117.620
#3	2229.508	2528.400	51397.06	6202.489	3105.865

Sample Name: J4668-09 Acquired: 8/30/2018 14:41:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGABA4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0531677	-.003600	.4944172	-.010908	.0040957	79.60335	1.527753
Stddev	.0039419	.002916	.0035443	.001826	.0020951	.22105	.005213
%RSD	7.414088	81.00044	.7168658	16.74436	51.15226	.2776930	.3412381

#1	.0486991	-.006148	.4984188	-.010357	.0021323	79.42676	1.522944
#2	.0546525	-.000420	.4931594	-.009420	.0063014	79.85126	1.533293
#3	.0561516	-.004230	.4916733	-.012946	.0038535	79.53203	1.527020

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062450	.0034213	28.55996	.1046878	.1246846	.1226503	152.0635
Stddev	.0000988	.0000455	.13792	.0011495	.0007303	.0009271	.8808
%RSD	1.581962	1.329368	.4829180	1.098051	.5857493	.7559129	.5792327

#1	.0062226	.0034042	28.45330	.1035934	.1255279	.1220890	152.1329
#2	.0063531	.0033869	28.71571	.1045846	.1242625	.1221414	152.9075
#3	.0061594	.0034729	28.51088	.1058855	.1242635	.1237204	151.1500

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.32051	17.73762	.1418125	.0005920	.7261765	.2644494	.6119922
Stddev	.04380	.10292	.0002429	.0000784	.0244759	.0052642	.0122587
%RSD	.4243920	.5802303	.1712851	13.24949	3.370519	1.990620	2.003086

#1	10.31071	17.77738	.1415488	.0006034	.7496468	.2586426	.6261392
#2	10.36838	17.81473	.1420270	.0006641	.7008058	.2657967	.6053351
#3	10.28244	17.62075	.1418617	.0005085	.7280769	.2689091	.6045023

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.82011	5.663737	.1479499	.0059743	3.145180	4.492622	.0026024
Stddev	.09424	.022922	.0021645	.0003558	.007207	.017011	.0009998
%RSD	.8710098	.4047079	1.462961	5.955996	.2291470	.3786453	38.41801

#1	10.72264	5.637587	.1476164	.0062111	3.153030	4.475258	.0016553
#2	10.91076	5.673273	.1502617	.0055651	3.138862	4.509257	.0036476
#3	10.82695	5.680352	.1459715	.0061468	3.143649	4.493350	.0025042

Sample Name: J4668-09 Acquired: 8/30/2018 14:41:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGABA4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.151501	.0461185	.1445146
Stddev	.007625	.0011082	.0003011
%RSD	.6621602	2.402859	.2083483

#1	1.157192	.0463700	.1445661
#2	1.142838	.0449062	.1447866
#3	1.154472	.0470793	.1441911

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2155.754	2471.831	49679.92	6032.144	3080.454
Stddev	10.313	3.420	171.28	24.795	7.434
%RSD	.4784041	.1383416	.3447676	.4110462	.2413125

#1	2150.140	2468.048	49809.06	6045.223	3073.054
#2	2167.657	2472.742	49745.08	6003.548	3087.920
#3	2149.467	2474.702	49485.62	6047.661	3080.387

Sample Name: J4668-10 Acquired: 8/30/2018 14:45:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGABA4D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0565704	.0017417	.4919003	-.016592	.0033418	79.22809	1.520554
Stddev	.0024420	.0009315	.0033472	.003109	.0020552	.20343	.006280
%RSD	4.316663	53.48457	.6804666	18.73470	61.50023	.2567592	.4130321

#1	.0542267	.0018999	.4929723	-.016168	.0056787	79.17259	1.522688
#2	.0563845	.0007412	.4881484	-.019891	.0025311	79.05818	1.513485
#3	.0590999	.0025841	.4945802	-.013718	.0018155	79.45351	1.525490

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062553	.0034287	28.43112	.1048751	.1241069	.1202626	151.1421
Stddev	.0000866	.0000729	.09518	.0001884	.0009587	.0045170	.0509
%RSD	1.383768	2.127482	.3347598	.1796497	.7724528	3.755974	.0337060

#1	.0063552	.0033803	28.45335	.1048886	.1247522	.1254573	151.0889
#2	.0062035	.0033932	28.32679	.1046803	.1230053	.1180709	151.1904
#3	.0062071	.0035126	28.51321	.1050564	.1245632	.1172595	151.1470

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.25404	17.61018	.1418936	.0006350	.7239343	.2642233	.6116177
Stddev	.01505	.06022	.0008585	.0000483	.3145434	.0047570	.0082709
%RSD	.1468114	.3419465	.6050219	7.612471	43.44917	1.800391	1.352293

#1	10.24982	17.65392	.1418610	.0005812	.9009317	.2695704	.6024653
#2	10.24154	17.63512	.1410518	.0006747	.9101017	.2604609	.6138315
#3	10.27075	17.54150	.1427679	.0006490	.3607694	.2626385	.6185565

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.76458	5.677341	.1456423	.0062150	3.132584	4.446487	.0031862
Stddev	.01883	.029461	.0015001	.0000733	.010125	.037355	.0013022
%RSD	.1749442	.5189196	1.029990	1.178750	.3232190	.8401084	40.86887

#1	10.74449	5.671475	.1441916	.0061559	3.124929	4.484255	.0019457
#2	10.76742	5.651254	.1471873	.0062969	3.128759	4.409558	.0030704
#3	10.78183	5.709293	.1455481	.0061922	3.144064	4.445649	.0045423

Sample Name: J4668-10 Acquired: 8/30/2018 14:45:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGABA4D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.151915	.0458053	.1435930
Stddev	.007263	.0007060	.0001945
%RSD	.6304737	1.541241	.1354662

#1	1.149701	.0465205	.1437920
#2	1.146017	.0451090	.1434033
#3	1.160027	.0457863	.1435836

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2166.829	2472.058	49788.64	6063.812	3085.225
Stddev	5.930	2.291	25.25	36.701	7.341
%RSD	.2736839	.0926940	.0507230	.6052480	.2379431

#1	2160.411	2472.530	49763.67	6023.475	3088.842
#2	2167.970	2474.078	49814.17	6095.236	3090.055
#3	2172.105	2469.568	49788.09	6072.724	3076.777

Sample Name: J4668-11 Acquired: 8/30/2018 14:49:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGABA4S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1176606	.0928592	.5189678	.0683656	.1817252	80.94028	5.361763
Stddev	.0062597	.0023323	.0032542	.0042438	.0006039	.28550	.009893
%RSD	5.320087	2.511658	.6270608	6.207487	.3323140	.3527252	.1845165

#1	.1107200	.0935175	.5226778	.0666793	.1811262	80.78709	5.354451
#2	.1228784	.0902685	.5176295	.0731933	.1823338	80.76407	5.357818
#3	.1193835	.0947917	.5165960	.0652241	.1817156	81.26967	5.373020

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0950645	.1024814	27.69582	.4737285	1.119015	.6050269	149.6676
Stddev	.0003943	.0003325	.06128	.0009974	.006892	.0045479	.6823
%RSD	.4147200	.3244434	.2212526	.2105386	.6159145	.7516766	.4559006

#1	.0951055	.1021952	27.63327	.4732446	1.116124	.6031594	149.6057
#2	.0946514	.1024029	27.69846	.4748755	1.114039	.6017101	149.0184
#3	.0954367	.1028461	27.75574	.4730654	1.126882	.6102112	150.3788

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.98205	17.27294	1.187475	.0852775	.6502333	1.246359	1.449228
Stddev	.03589	.04860	.006650	.0000571	.1930594	.013498	.016318
%RSD	.3267903	.2813907	.5599997	.0669391	29.69079	1.083017	1.126006

#1	10.94474	17.28538	1.182663	.0852204	.6671404	1.230791	1.452247
#2	10.98508	17.21933	1.184700	.0852775	.8342831	1.253485	1.463826
#3	11.01632	17.31412	1.195064	.0853345	.4492764	1.254800	1.431611

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.50195	5.551280	.1421238	.0063767	3.063271	4.567090	.0020753
Stddev	.05201	.031934	.0029018	.0000917	.016888	.003057	.0004254
%RSD	.4952285	.5752544	2.041739	1.438767	.5512921	.0669276	20.49800

#1	10.45731	5.529782	.1427634	.0063711	3.063117	4.568128	.0020413
#2	10.48949	5.536084	.1389555	.0062878	3.046461	4.563650	.0016680
#3	10.55906	5.587975	.1446523	.0064711	3.080235	4.569493	.0025167

Sample Name: J4668-11 Acquired: 8/30/2018 14:49:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGABA4S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.128830	.0469796	.1404243
Stddev	.002487	.0003255	.0006714
%RSD	.2203136	.6928381	.4781408

#1	1.125961	.0473052	.1399297
#2	1.130161	.0469793	.1401546
#3	1.130368	.0466542	.1411887

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2175.456	2480.185	50248.99	6067.294	3106.292
Stddev	9.925	7.993	77.06	13.672	12.805
%RSD	.4562245	.3222831	.1533543	.2253443	.4122354

#1	2167.974	2485.946	50337.97	6065.018	3113.713
#2	2186.715	2483.549	50204.81	6081.962	3113.657
#3	2171.678	2471.059	50204.20	6054.903	3091.506

Sample Name: J4668-09LX5 Acquired: 8/30/2018 14:53:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGABA4L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0165552	-.002624	.1003755	-.003558	.0002968	17.56635	.3373241
Stddev	.0029735	.000628	.0017079	.001405	.0002594	.03768	.0000436
%RSD	17.96116	23.92765	1.701544	39.47466	87.39914	.2145220	.0129291

#1	.0169509	-.002360	.1003597	-.003690	.0005193	17.53257	.3373594
#2	.0193110	-.002171	.1020912	-.004892	.0000119	17.55948	.3372753
#3	.0134036	-.003340	.0986755	-.002092	.0003592	17.60700	.3373376

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015266	.0006785	6.347958	.0238221	.0257321	.0327601	33.95787
Stddev	.0000957	.0000339	.008162	.0006602	.0003217	.0024363	.08881
%RSD	6.268810	4.996144	.1285755	2.771356	1.250191	7.436725	.2615161

#1	.0014416	.0006648	6.340176	.0243986	.0256237	.0300742	34.00696
#2	.0016303	.0006535	6.356453	.0239658	.0254786	.0348275	33.85535
#3	.0015080	.0007171	6.347246	.0231018	.0260940	.0333785	34.01129

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.306020	3.938204	.0294142	.0006689	.0315508	.0574891	.1485987
Stddev	.003022	.010630	.0002846	.0004352	.4563617	.0014658	.0045797
%RSD	.1310418	.2699085	.9674862	65.07324	1446.435	2.549678	3.081891

#1	2.305577	3.949148	.0297076	.0011713	-.047044	.0591812	.1537835
#2	2.309239	3.927920	.0293958	.0004084	.522105	.0566072	.1451053
#3	2.303244	3.937543	.0291393	.0004268	-.380409	.0566789	.1469074

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.308647	1.190326	.0190418	.0014155	.6311035	1.080456	-.002910
Stddev	.037981	.008654	.0011130	.0003124	.0036549	.003937	.000796
%RSD	1.645154	.7270177	5.845083	22.06832	.5791253	.3643539	27.35648

#1	2.287485	1.190526	.0202248	.0016322	.6292516	1.076288	-.002977
#2	2.285962	1.181573	.0180154	.0010574	.6287453	1.084111	-.002082
#3	2.352495	1.198877	.0188852	.0015569	.6353137	1.080971	-.003670

Sample Name: J4668-09LX5 Acquired: 8/30/2018 14:53:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGABA4L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2562742	.0024667	.0319057
Stddev	.0026306	.0008275	.0000860
%RSD	1.026458	33.54773	.2694726

#1	.2547232	.0017803	.0318886
#2	.2593115	.0022342	.0319989
#3	.2547880	.0033856	.0318295

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1985.772	2258.729	45220.72	5429.933	3087.200
Stddev	8.388	5.172	118.21	8.401	3.634
%RSD	.4224171	.2289843	.2614169	.1547147	.1177019

#1	1978.058	2256.437	45084.70	5434.275	3085.422
#2	1984.556	2264.651	45278.81	5435.275	3091.381
#3	1994.702	2255.098	45298.66	5420.250	3084.799

Sample Name: J4668-12 Acquired: 8/30/2018 14:57:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGABA5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0652534	-.002945	.7824795	-.019275	.0052165	114.8688	2.045421
Stddev	.0014984	.002164	.0031031	.001632	.0019591	.1592	.002214
%RSD	2.296241	73.47019	.3965670	8.468275	37.55477	.1386261	.1082612

#1	.0667313	-.003424	.7826214	-.018598	.0074567	114.8645	2.044685
#2	.0637353	-.000582	.7793079	-.021137	.0038240	114.7119	2.047909
#3	.0652935	-.004829	.7855092	-.018090	.0043690	115.0302	2.043668

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087184	.0062157	79.16902	.1390163	.1317807	.1687383	198.2436
Stddev	.0000943	.0001703	.05822	.0008075	.0004702	.0061174	.4565
%RSD	1.081247	2.739405	.0735425	.5808551	.3567967	3.625389	.2302594

#1	.0086590	.0062692	79.10305	.1387463	.1316509	.1742506	197.8124
#2	.0086690	.0060251	79.19078	.1399242	.1313891	.1698075	198.7217
#3	.0088271	.0063528	79.21323	.1383784	.1323022	.1621567	198.1966

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.70794	33.80342	.2226022	.0008447	.5930085	.3356502	.9183004
Stddev	.00503	.17225	.0011983	.0002581	.2450241	.0092757	.0248439
%RSD	.0469301	.5095642	.5383352	30.55678	41.31882	2.763490	2.705425

#1	10.70225	33.62088	.2219864	.0010082	.5729178	.3454945	.9048060
#2	10.71179	33.82630	.2218370	.0009787	.3586483	.3270736	.9469713
#3	10.70976	33.96309	.2239833	.0005471	.8474595	.3343824	.9031240

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.71548	5.215199	.1947611	.0072486	3.389893	3.115202	.0021541
Stddev	.03216	.012997	.0023280	.0002375	.011829	.035715	.0004973
%RSD	.2529439	.2492104	1.195328	3.276332	.3489473	1.146481	23.08717

#1	12.74850	5.222735	.1959114	.0072917	3.387271	3.097101	.0024695
#2	12.68425	5.200192	.1962900	.0074616	3.379595	3.092161	.0015808
#3	12.71369	5.222671	.1920818	.0069925	3.402813	3.156343	.0024119

Sample Name: J4668-12 Acquired: 8/30/2018 14:57:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGABA5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.121608	.0717809	.1420242
Stddev	.003132	.0020383	.0004314
%RSD	.2792288	2.839665	.3037160

#1	1.118503	.0698748	.1415264
#2	1.121556	.0739298	.1422612
#3	1.124766	.0715380	.1422852

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2259.878	2575.553	52402.09	6372.537	3006.057
Stddev	14.952	7.315	166.40	26.763	8.696
%RSD	.6616105	.2840163	.3175495	.4199706	.2892944

#1	2246.326	2570.963	52313.49	6383.398	3002.225
#2	2257.391	2583.988	52298.74	6392.162	3016.011
#3	2275.917	2571.707	52594.05	6342.051	2999.935

Sample Name: J4668-13 Acquired: 8/30/2018 15:01:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGABA6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0872075	-.005273	1.628597	-.027448	.0060465	128.9342	2.157860
Stddev	.0038583	.004575	.006139	.002451	.0008963	.5184	.012512
%RSD	4.424286	86.76377	.3769275	8.931292	14.82365	.4020508	.5798124

#1	.0835330	-.010497	1.630342	-.029788	.0052073	129.5300	2.172097
#2	.0868629	-.001979	1.621775	-.027659	.0059416	128.5865	2.148615
#3	.0912265	-.003343	1.633675	-.024898	.0069907	128.6860	2.152868

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0128270	.0040713	166.8084	.1711812	.1157540	.2181901	231.3257
Stddev	.0001678	.0002549	.6654	.0008356	.0006969	.0023449	1.0378
%RSD	1.307768	6.260547	.3988710	.4881441	.6020528	1.074694	.4486137

#1	.0128710	.0037770	167.5759	.1711967	.1158555	.2163293	232.5235
#2	.0129684	.0042190	166.3953	.1720090	.1150120	.2208239	230.6988
#3	.0126417	.0042180	166.4540	.1703380	.1163946	.2174171	230.7547

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.442494	92.52872	.2037477	.0000648	.8631532	.3761913	2.677800
Stddev	.029728	.60639	.0005420	.0004348	.0607546	.0036146	.012360
%RSD	.4614336	.6553583	.2660381	670.8456	7.038680	.9608360	.4615794

#1	6.474543	93.19333	.2033963	.0005249	.7946435	.3767676	2.664268
#2	6.437116	92.00553	.2034748	-.000339	.8843336	.3723232	2.688496
#3	6.415822	92.38732	.2043720	.000009	.9104825	.3794831	2.680636

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.48193	2.966762	.2009970	.0056528	2.383189	3.212214	-.001278
Stddev	.09886	.013345	.0018667	.0001637	.009191	.019643	.001039
%RSD	.9431351	.4498196	.9287169	2.895634	.3856418	.6115174	81.35905

#1	10.59424	2.956711	.2031478	.0056074	2.380419	3.233314	-.000844
#2	10.40810	2.961670	.2000441	.0055166	2.375703	3.194457	-.002464
#3	10.44345	2.981903	.1997991	.0058344	2.393446	3.208869	-.000525

Sample Name: J4668-13 Acquired: 8/30/2018 15:01:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGABA6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5029122	.0583065	.1855818
Stddev	.0021202	.0003472	.0005854
%RSD	.4215868	.5954804	.3154413

#1	.5040680	.0585073	.1862405
#2	.5004652	.0585068	.1853840
#3	.5042033	.0579056	.1851209

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2171.640	2456.684	50350.10	6219.356	2961.706
Stddev	8.894	4.752	82.05	38.973	10.443
%RSD	.4095461	.1934249	.1629580	.6266426	.3525859

#1	2163.485	2457.614	50341.76	6177.254	2969.098
#2	2181.123	2460.902	50436.00	6226.644	2966.259
#3	2170.312	2451.536	50272.54	6254.172	2949.760

Sample Name: J4668-14 Acquired: 8/30/2018 15:05:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGABA7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1975864	-.005456	1.505360	-.029573	.0076765	140.7701	2.798709
Stddev	.0031986	.001679	.012153	.001046	.0019974	.4502	.005928
%RSD	1.618824	30.77213	.8073069	3.537252	26.02014	.3198201	.2118016

#1	.2012798	-.004772	1.511978	-.029928	.0084673	141.2635	2.805520
#2	.1957469	-.004226	1.491334	-.030394	.0091574	140.3816	2.794711
#3	.1957326	-.007368	1.512767	-.028395	.0054047	140.6651	2.795897

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0128217	.0041113	76.35340	.2063381	.2542355	.2039431	246.2065
Stddev	.0001917	.0002495	.25751	.0007598	.0007666	.0024576	.4319
%RSD	1.494978	6.069464	.3372651	.3682111	.3015401	1.205046	.1754410

#1	.0126245	.0039752	76.64428	.2072061	.2549268	.2023987	246.2023
#2	.0128332	.0039594	76.26139	.2057936	.2534110	.2026535	246.6405
#3	.0130074	.0043993	76.15453	.2060145	.2543686	.2067771	245.7766

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.800311	47.82111	.2443344	-.000156	1.367908	.4185017	1.767127
Stddev	.012212	.15012	.0007819	.000527	.480828	.0080978	.005810
%RSD	.1387706	.3139121	.3200011	337.3163	35.15061	1.934955	.3287683

#1	8.806189	47.96450	.2440345	-.000058	1.188706	.4234251	1.770345
#2	8.808473	47.83377	.2437469	-.000725	1.912603	.4091556	1.760420
#3	8.786271	47.66507	.2452219	.000315	1.002414	.4229243	1.770616

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.40173	3.989943	.2159576	.0061639	2.263761	2.540568	.0014631
Stddev	.04526	.028780	.0017971	.0002536	.005388	.013685	.0010661
%RSD	.3969878	.7213170	.8321367	4.113941	.2380094	.5386629	72.86577

#1	11.42996	3.998834	.2170587	.0064279	2.269194	2.525108	.0018329
#2	11.34952	3.957767	.2169303	.0061415	2.258419	2.551131	.0002613
#3	11.42570	4.013229	.2138839	.0059222	2.263669	2.545466	.0022950

Sample Name: J4668-14 Acquired: 8/30/2018 15:05:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGABA7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6693228	.0696658	.1608643
Stddev	.0014429	.0011964	.0002208
%RSD	.2155772	1.717348	.1372436

#1	.6709452	.0698128	.1609862
#2	.6681834	.0684026	.1606094
#3	.6688397	.0707818	.1609972

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2233.501	2538.220	51737.50	6311.351	2983.028
Stddev	17.117	5.107	49.66	13.860	9.435
%RSD	.7663727	.2012193	.0959789	.2195969	.3163041

#1	2243.397	2535.067	51680.31	6297.946	2976.109
#2	2243.370	2544.112	51769.64	6325.624	2993.776
#3	2213.736	2535.479	51762.56	6310.481	2979.199

Sample Name: J4668-15 Acquired: 8/30/2018 15:09:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGABA8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0644860	-.003770	.8969075	-.019812	.0027890	99.37113	1.932071
Stddev	.0012660	.001734	.0093552	.001853	.0008673	.47511	.009210
%RSD	1.963245	45.99473	1.043054	9.353534	31.09758	.4781134	.4766977

#1	.0630508	-.002621	.8954253	-.017838	.0037856	99.83959	1.939851
#2	.0649630	-.002924	.8883818	-.020084	.0022046	99.38416	1.934459
#3	.0654442	-.005764	.9069153	-.021514	.0023769	98.88964	1.921902

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087401	.0039917	87.48185	.1220312	.1288372	.2041518	188.6860
Stddev	.0000622	.0000488	.37576	.0005311	.0005654	.0036528	.3598
%RSD	.7116327	1.222774	.4295337	.4351948	.4388425	1.789267	.1906748

#1	.0087945	.0039398	87.84709	.1219173	.1284675	.2077460	189.0306
#2	.0087534	.0040367	87.50209	.1215664	.1285561	.2004431	188.3127
#3	.0086723	.0039987	87.09638	.1226101	.1294881	.2042663	188.7147

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.572218	32.89787	.1726341	.0005387	1.049329	.3152399	.6608801
Stddev	.030768	.18404	.0004291	.0000526	.257726	.0089696	.0182669
%RSD	.3214290	.5594237	.2485473	9.765636	24.56104	2.845335	2.764028

#1	9.607670	32.90350	.1730373	.0005059	.783152	.3205254	.6814511
#2	9.556510	32.71108	.1721831	.0005108	1.297678	.3203110	.6546325
#3	9.552476	33.07903	.1726818	.0005993	1.067157	.3048834	.6465566

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.68076	7.210061	.1757923	.0046195	4.041037	2.776565	-.000415
Stddev	.03318	.059267	.0024807	.0001203	.028542	.010499	.000946
%RSD	.2840496	.8219975	1.411171	2.603816	.7063073	.3781149	227.8947

#1	11.65246	7.159919	.1776650	.0044823	4.020607	2.786099	-.000080
#2	11.67254	7.194799	.1729788	.0046690	4.028854	2.765314	-.001484
#3	11.71728	7.275466	.1767332	.0047071	4.073649	2.778283	.000318

Sample Name: J4668-15 Acquired: 8/30/2018 15:09:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGABA8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.008473	.0610542	.2710694
Stddev	.004665	.0007283	.0012584
%RSD	.4625796	1.192842	.4642519

#1	1.011986	.0604286	.2723256
#2	1.010253	.0618537	.2710740
#3	1.003180	.0608804	.2698087

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2250.872	2564.568	52147.24	6317.923	3056.322
Stddev	10.390	7.749	129.54	21.795	12.599
%RSD	.4616058	.3021374	.2484150	.3449777	.4122187

#1	2250.299	2568.847	52260.28	6342.827	3059.814
#2	2261.536	2569.233	52175.56	6302.331	3066.807
#3	2240.780	2555.623	52005.88	6308.609	3042.346

Sample Name: J4668-16 Acquired: 8/30/2018 15:13:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGABA9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0591706	.0002818	.8650689	-.017856	.0051349	101.0016	2.182341
Stddev	.0031977	.0044591	.0049998	.003630	.0024470	.1317	.006097
%RSD	5.404229	1582.572	.5779673	20.33026	47.65452	.1303469	.2793687

#1	.0594561	.0000578	.8620040	-.017669	.0074405	100.8615	2.177379
#2	.0622160	.0048486	.8623643	-.014323	.0025675	101.1228	2.189147
#3	.0558398	-.004061	.8708385	-.021576	.0053967	101.0206	2.180497

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083686	.0041183	35.78316	.1193721	.1180097	.1933894	179.2529
Stddev	.0000927	.0001045	.12958	.0001683	.0002113	.0034037	.2108
%RSD	1.108150	2.536961	.3621238	.1409488	.1790743	1.760020	.1176135

#1	.0082646	.0042095	35.63354	.1194114	.1177871	.1911486	179.2822
#2	.0083987	.0040043	35.85777	.1191877	.1180342	.1917135	179.4475
#3	.0084426	.0041412	35.85819	.1195173	.1182077	.1973061	179.0289

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.59089	21.23450	.1798755	.0008469	1.179696	.3059651	.6656371
Stddev	.00857	.12306	.0002177	.0002824	.153988	.0071994	.0101070
%RSD	.0809119	.5795151	.1210163	33.34151	13.05322	2.353017	1.518402

#1	10.60055	21.09364	.1799635	.0005805	1.243880	.2976551	.6539666
#2	10.58420	21.28876	.1800354	.0008171	1.003998	.3103204	.6715123
#3	10.58793	21.32110	.1796276	.0011429	1.291211	.3099196	.6714324

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.63027	5.971604	.1641064	.0044755	3.234875	3.102777	.0022540
Stddev	.05055	.031149	.0014591	.0002912	.011287	.017173	.0009272
%RSD	.4755438	.5216192	.8891210	6.505847	.3489020	.5534578	41.13309

#1	10.67312	5.943826	.1654490	.0047778	3.227781	3.084679	.0026969
#2	10.64317	5.965706	.1643166	.0041969	3.228954	3.118843	.0011885
#3	10.57451	6.005281	.1625536	.0044519	3.247890	3.104809	.0028767

Sample Name: J4668-16 Acquired: 8/30/2018 15:13:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGABA9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.119156	.0548826	.2072382
Stddev	.002837	.0013889	.0002828
%RSD	.2534682	2.530685	.1364777

#1	1.117621	.0543295	.2072536
#2	1.117417	.0564629	.2075131
#3	1.122429	.0538556	.2069480

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2273.064	2601.665	52498.59	6365.347	3084.224
Stddev	3.697	3.974	137.42	7.013	4.716
%RSD	.1626380	.1527546	.2617570	.1101681	.1528960

#1	2268.818	2601.453	52386.79	6371.953	3082.593
#2	2274.810	2605.741	52652.01	6357.989	3089.538
#3	2275.564	2597.801	52456.96	6366.100	3080.539

Sample Name: J4668-17 Acquired: 8/30/2018 15:17:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGABB0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0573442	-.000258	2.005994	-.018425	.0051466	86.38033	1.891582
Stddev	.0074978	.002503	.007524	.001656	.0017779	.06704	.007320
%RSD	13.07514	970.9712	.3750971	8.987499	34.54408	.0776090	.3869979

#1	.0645444	-.001349	2.006446	-.017960	.0039302	86.39311	1.885466
#2	.0495805	-.002029	1.998253	-.017051	.0071870	86.30782	1.889587
#3	.0579078	.002605	2.013282	-.020263	.0043227	86.44006	1.899693

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070979	.0032362	77.45118	.1196590	.1162242	.2515580	159.8842
Stddev	.0001424	.0000078	.05381	.0007066	.0008243	.0025596	.1558
%RSD	2.006019	.2422740	.0694705	.5905378	.7092544	1.017507	.0974440

#1	.0071521	.0032287	77.39100	.1196579	.1155044	.2530648	159.9402
#2	.0069364	.0032444	77.49464	.1203662	.1160447	.2530067	159.7082
#3	.0072052	.0032354	77.46791	.1189529	.1171235	.2486026	160.0043

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.737966	30.84126	.1858879	.0004096	.5302960	.2479626	.6922314
Stddev	.001560	.17142	.0005477	.0005966	.1098830	.0035326	.0155942
%RSD	.0178548	.5558299	.2946484	145.6565	20.72106	1.424660	2.252743

#1	8.739537	30.70772	.1852745	.0010689	.4036804	.2497846	.6816993
#2	8.736417	30.78150	.1863281	-.000093	.6007185	.2438909	.6848489
#3	8.737944	31.03457	.1860611	.000253	.5864892	.2502121	.7101460

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.65716	8.120173	.1505674	.0073604	4.221305	3.527058	-.001088
Stddev	.06397	.042698	.0021005	.0003711	.009272	.008644	.001161
%RSD	.4364392	.5258221	1.395026	5.041885	.2196358	.2450633	106.6688

#1	14.69713	8.084371	.1503894	.0069350	4.210600	3.517844	-.000993
#2	14.58338	8.108719	.1527513	.0075280	4.226765	3.528345	.000022
#3	14.69097	8.167429	.1485617	.0076181	4.226551	3.534987	-.002294

Sample Name: J4668-17 Acquired: 8/30/2018 15:17:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGABB0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7332002	.0466415	.1497838
Stddev	.0028532	.0008994	.0002263
%RSD	.3891445	1.928259	.1510544

#1	.7360249	.0456885	.1498326
#2	.7332562	.0474753	.1499817
#3	.7303194	.0467607	.1495372

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2191.246	2514.002	50757.67	6214.627	3062.319
Stddev	11.617	8.262	143.08	22.319	10.949
%RSD	.5301487	.3286254	.2818923	.3591345	.3575521

#1	2204.618	2513.296	50894.97	6204.931	3063.153
#2	2183.639	2522.593	50768.61	6240.155	3072.827
#3	2185.482	2506.116	50609.43	6198.797	3050.976

Sample Name: CCV011 Acquired: 8/30/2018 15:21:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV011 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.003051	4.870227	24.74930	4.685787	4.991148	408.1906
Stddev	.006393	.001727	.09503	.002854	.012144	.1846
%RSD	.1277910	.0354622	.3839507	.0609059	.2433050	.0452271

#1	5.002854	4.868234	24.68230	4.689062	4.996905	408.0527
#2	5.009540	4.871145	24.70754	4.683835	4.977196	408.4004
#3	4.996758	4.871301	24.85805	4.684464	4.999342	408.1189

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.10670	.4838738	2.402586	F 467.3150	14.93213	2.427930
Stddev	.03467	.0030580	.007579	2.1729	.02648	.011822
%RSD	.3430040	.6319904	.3154360	.4649747	.1773560	.4869286

#1	10.09199	.4823809	2.397245	466.1459	14.92774	2.421991
#2	10.14630	.4873916	2.399252	469.8221	14.90811	2.420254
#3	10.08181	.4818490	2.411260	465.9769	14.96053	2.441544

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.05471	402.2475	14.62610	386.6199	2.526010	1.229288
Stddev	.02437	2.2221	.05420	1.4566	.008521	.000222
%RSD	.1618687	.5524122	.3705831	.3767618	.3373242	.0180748

#1	15.06531	401.1202	14.58266	385.8626	2.521305	1.229329
#2	15.07198	404.8073	14.68684	388.2992	2.520879	1.229048
#3	15.02684	400.8151	14.60879	385.6979	2.535846	1.229487

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	403.3959	2.531261	14.21111	158.0520	F 5.629303	4.883188
Stddev	.6415	.007417	.11627	.5076	.021335	.023653
%RSD	.1590207	.2930096	.8181936	.3211795	.3789928	.4843792

#1	402.9173	2.524920	14.33753	157.6080	5.622745	4.888972
#2	404.1248	2.529446	14.10874	158.6054	5.612018	4.903412
#3	403.1456	2.539417	14.18707	157.9425	5.653147	4.857179

Sample Name: CCV011 Acquired: 8/30/2018 15:21:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV011 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.823203	5.129002	4.727312	5.039910	5.036833	5.100899
Stddev	.007840	.036187	.022228	.015225	.001727	.012692
%RSD	.1625408	.7055447	.4702023	.3020928	.0342910	.2488188

#1	4.826621	5.115183	4.726314	5.030560	5.034968	5.091158
#2	4.814234	5.101760	4.750022	5.031692	5.037156	5.115252
#3	4.828753	5.170063	4.705600	5.057479	5.038376	5.096287

Elem	Sr4077
Units	ppm
Avg	4.967666
Stddev	.013986
%RSD	.2815498

#1	4.969826
#2	4.980447
#3	4.952726

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1700.724	1894.986	40925.27	5101.760	2517.808
Stddev	.728	1.138	82.07	26.338	3.816
%RSD	.0428266	.0600331	.2005350	.5162581	.1515531

#1	1699.895	1893.685	41011.60	5112.645	2520.402
#2	1701.263	1895.483	40915.98	5071.724	2519.595
#3	1701.013	1895.791	40848.25	5120.911	2513.427

Sample Name: CCB011 Acquired: 8/30/2018 15:25:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB011 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000391	-.001332	-.001677	.0006833	-.001383	.0097062	-.000878
Stddev	.002982	.000688	.000759	.0008092	.002681	.0089509	.000570
%RSD	763.0624	51.64458	45.25857	118.4179	193.8428	92.21791	64.89638

#1	.002781	-.001629	-.000927	.0005210	-.001213	-.000075	-.000609
#2	-.000816	-.000546	-.001660	-.000032	-.004145	.017488	-.000492
#3	-.003138	-.001822	-.002445	.001561	.001209	.011706	-.001533

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000497	-.000030	-.007304	-.000011	.0000342	.0014639	-.002849
Stddev	.0000348	.000055	.005134	.000290	.0003570	.0040001	.020964
%RSD	70.02924	185.7748	70.28325	2555.162	1043.959	273.2570	735.8266

#1	.0000151	-.000031	-.010441	-.000300	-.000335	.0055317	-.014121
#2	.0000492	-.000084	-.001380	.000281	.000378	-.002465	-.015766
#3	.0000848	.000026	-.010092	-.000015	.000060	.001325	.021339

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016619	-.024067	.0002067	.0011475	-.465590	.0034967	.0162092
Stddev	.0014008	.062751	.0003451	.0001111	.249229	.0065917	.0188492
%RSD	84.29390	260.7381	166.9806	9.678686	53.52980	188.5107	116.2872

#1	.0001169	-.094042	.0000148	.0010622	-.428928	.0024980	.0218601
#2	.0020195	.027211	.0000001	.0011071	-.236722	-.002539	-.004819
#3	.0028492	-.005369	.0006050	.0012731	-.731120	.010531	.031587

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1817474	-.007850	-.005986	-.000122	-.039672	-.010907	-.003808
Stddev	.0381468	.002647	.001221	.000146	.002156	.000744	.000642
%RSD	20.98889	33.71275	20.39227	119.5070	5.434271	6.817768	16.85599

#1	.1566211	-.009689	-.007070	-.000258	-.038357	-.010184	-.003121
#2	.2256422	-.009045	-.006225	.000032	-.042160	-.010867	-.004392
#3	.1629788	-.004817	-.004664	-.000139	-.038499	-.011670	-.003909

Sample Name: CCB011 Acquired: 8/30/2018 15:25:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB011 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0016007	-.002932	.0000230
Stddev	.0034503	.000726	.0000732
%RSD	215.5466	24.77306	318.4115

#1	-.000755	-.002266	-.000030
#2	.005561	-.002823	-.000007
#3	-.000004	-.003707	.000107

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1970.269	2224.646	44624.90	5312.367	3098.630
Stddev	2.606	5.848	77.94	34.360	10.189
%RSD	.1322519	.2628596	.1746474	.6467944	.3288102

#1	1973.245	2228.723	44658.61	5342.100	3107.987
#2	1968.395	2227.269	44535.79	5274.750	3100.129
#3	1969.167	2217.946	44680.31	5320.250	3087.776

Sample Name: J4668-18 Acquired: 8/30/2018 15:29:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGABB1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0515343	-.005442	1.873258	-.013115	.0026264	85.04941	1.756185
Stddev	.0039398	.002040	.005425	.001322	.0014206	.21213	.002637
%RSD	7.645037	37.49675	.2896194	10.08238	54.09000	.2494245	.1501393

#1	.0555375	-.004382	1.875193	-.013879	.0030145	84.87431	1.758981
#2	.0514042	-.007794	1.867131	-.013878	.0038125	85.28530	1.753744
#3	.0476611	-.004149	1.877451	-.011588	.0010520	84.98861	1.755830

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063107	.0030861	77.41782	.1056454	.1006751	.2204533	140.2231
Stddev	.0000969	.0000872	.32922	.0004526	.0005599	.0020543	.7716
%RSD	1.535750	2.824412	.4252503	.4284559	.5561579	.9318474	.5502364

#1	.0062640	.0029854	77.73340	.1058684	.1006940	.2184743	140.9817
#2	.0062459	.0031351	77.07647	.1051245	.1001060	.2203102	139.4392
#3	.0064221	.0031377	77.44360	.1059432	.1012254	.2225754	140.2483

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.653536	26.48746	.1622684	.0014592	.3057822	.2283078	.6007039
Stddev	.049220	.26008	.0013809	.0003212	.3147573	.0048561	.0176693
%RSD	.6431036	.9819058	.8509919	22.01316	102.9351	2.127005	2.941438

#1	7.699570	26.77747	.1620262	.0018063	.1928975	.2239001	.5987278
#2	7.601652	26.27491	.1610247	.0011724	.0630341	.2275097	.6192782
#3	7.659385	26.41001	.1637544	.0013989	.6614150	.2335134	.5841057

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.02108	7.115298	.1375444	.0051473	3.794013	9.996780	-.002308
Stddev	.05054	.027386	.0018374	.0002476	.028804	.044170	.000302
%RSD	.3604290	.3848923	1.335887	4.810101	.7592009	.4418374	13.07074

#1	14.06051	7.085935	.1394489	.0050511	3.770535	9.986496	-.002044
#2	14.03863	7.140146	.1374020	.0054286	3.826154	9.958659	-.002637
#3	13.96412	7.119814	.1357823	.0049623	3.785349	10.04518	-.002243

Sample Name: J4668-18 Acquired: 8/30/2018 15:29:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGABB1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8040304	.0470802	.1436064
Stddev	.0057221	.0007977	.0004469
%RSD	.7116825	1.694312	.3112045

#1	.8040809	.0461715	.1441103
#2	.8097271	.0474042	.1432580
#3	.7982831	.0476649	.1434510

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2209.858	2504.663	51151.93	6239.877	3099.404
Stddev	6.511	4.312	67.28	21.088	7.335
%RSD	.2946400	.1721517	.1315233	.3379590	.2366583

#1	2209.248	2507.049	51176.92	6220.600	3104.691
#2	2216.653	2507.254	51075.73	6262.400	3102.491
#3	2203.674	2499.685	51203.13	6236.632	3091.030

Sample Name: J4668-19 Acquired: 8/30/2018 15:33:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGABB2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0546708	-.001546	4.051664	-.017230	.0028951	81.56346	2.370926
Stddev	.0013455	.002128	.018156	.003622	.0013624	.20147	.007882
%RSD	2.461112	137.6070	.4481199	21.02376	47.05904	.2470142	.3324473

#1	.0542096	-.001848	4.052118	-.013662	.0013242	81.36638	2.370198
#2	.0536165	.000716	4.033285	-.017124	.0036082	81.55496	2.363433
#3	.0561862	-.003507	4.069589	-.020904	.0037531	81.76905	2.379147

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071492	.0057682	85.08960	.1057842	.1112261	.1951960	150.9086
Stddev	.0001041	.0001322	.16658	.0003232	.0001881	.0027210	.3479
%RSD	1.456079	2.291294	.1957654	.3054773	.1690855	1.393995	.2305265

#1	.0072569	.0057006	85.07225	.1057514	.1113009	.1982974	150.5654
#2	.0071416	.0056836	84.93238	.1061224	.1110122	.1940811	151.2610
#3	.0070491	.0059206	85.26417	.1054786	.1113653	.1932094	150.8993

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.832211	26.71536	.1651861	.0007874	.5346120	.2363832	.8258523
Stddev	.015419	.08706	.0006838	.0003405	.0742108	.0107139	.0210046
%RSD	.1745777	.3258666	.4139461	43.24211	13.88126	4.532418	2.543382

#1	8.814634	26.68386	.1647801	.0008851	.5741401	.2283279	.8063478
#2	8.843457	26.64844	.1648026	.0010684	.5806917	.2485423	.8231197
#3	8.838542	26.81378	.1659756	.0004087	.4490042	.2322793	.8480895

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.46477	5.830940	.1382186	.0039581	3.422517	6.608111	-.002192
Stddev	.10294	.028450	.0024696	.0003486	.015620	.051842	.000652
%RSD	.8258730	.4879143	1.786752	8.807911	.4563754	.7845149	29.73925

#1	12.58337	5.816973	.1353899	.0038022	3.405246	6.652845	-.002538
#2	12.39852	5.812173	.1393202	.0037147	3.435653	6.620193	-.002597
#3	12.41242	5.863674	.1399457	.0043575	3.426652	6.551296	-.001440

Sample Name: J4668-19 Acquired: 8/30/2018 15:33:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGABB2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7718622	.0419735	.1538343
Stddev	.0041362	.0015791	.0006660
%RSD	.5358704	3.762076	.4329222

#1	.7671889	.0401638	.1534834
#2	.7733451	.0430712	.1546023
#3	.7750525	.0426855	.1534171

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2205.330	2510.636	50904.68	6194.032	3081.264
Stddev	4.339	6.190	97.41	34.009	9.613
%RSD	.1967389	.2465370	.1913601	.5490578	.3119935

#1	2208.442	2510.356	50922.18	6164.979	3081.849
#2	2207.175	2516.961	50992.15	6185.679	3090.572
#3	2200.374	2504.592	50799.70	6231.440	3071.372

Sample Name: J4668-20 Acquired: 8/30/2018 15:37:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGABB3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0564436	-.000293	1.072681	-.015354	.0046523	93.97678	1.643782
Stddev	.0025935	.000514	.006990	.002379	.0017470	.41766	.003933
%RSD	4.594901	175.5692	.6516660	15.49284	37.55041	.4444267	.2392725

#1	.0554956	-.000882	1.070224	-.012699	.0059688	94.07761	1.639457
#2	.0544574	.000069	1.067251	-.017290	.0026704	93.51794	1.644747
#3	.0593778	-.000066	1.080568	-.016074	.0053177	94.33479	1.647143

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067678	.0030618	39.87833	.1156872	.1169559	.2337034	161.9190
Stddev	.0000634	.0000362	.11534	.0004375	.0002894	.0054227	.3843
%RSD	.9368798	1.181412	.2892304	.3782135	.2474567	2.320342	.2373440

#1	.0067847	.0030271	39.78173	.1153161	.1169417	.2398361	161.6388
#2	.0066976	.0030591	39.84722	.1161697	.1166739	.2295426	161.7611
#3	.0068210	.0030993	40.00603	.1155759	.1172522	.2317313	162.3571

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.496483	24.90776	.1741855	.0014696	.7417845	.2653975	.5944705
Stddev	.016233	.01008	.0005108	.0003462	.3610985	.0067952	.0013337
%RSD	.1709377	.0404610	.2932379	23.55452	48.67970	2.560402	.2243469

#1	9.482271	24.89751	.1738895	.0015545	1.143657	.2731346	.5948647
#2	9.493005	24.91766	.1738918	.0010889	.637110	.2626595	.5955626
#3	9.514174	24.90811	.1747753	.0017654	.444587	.2603984	.5929841

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.81583	6.163415	.1535281	.0055682	4.007264	9.209729	-.000429
Stddev	.12208	.011003	.0018269	.0001751	.016496	.103365	.000448
%RSD	.8836317	.1785202	1.189974	3.143837	.4116441	1.122349	104.5485

#1	13.76490	6.150727	.1515024	.0055496	4.004351	9.203471	-.000429
#2	13.72745	6.170336	.1550508	.0057518	3.992419	9.109635	-.000877
#3	13.95512	6.169180	.1540313	.0054031	4.025023	9.316081	.000020

Sample Name: J4668-20 Acquired: 8/30/2018 15:37:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGABB3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.017292	.0513994	.1479641
Stddev	.008422	.0009076	.0005331
%RSD	.8279312	1.765724	.3602636

#1	1.015298	.0504757	.1480036
#2	1.010045	.0522900	.1474124
#3	1.026533	.0514326	.1484764

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2214.259	2526.871	51315.98	6255.479	3092.980
Stddev	9.266	5.361	143.85	37.893	5.791
%RSD	.4184732	.2121483	.2803278	.6057504	.1872210

#1	2216.089	2521.694	51245.15	6268.235	3087.908
#2	2204.215	2532.398	51221.28	6285.347	3099.289
#3	2222.474	2526.521	51481.52	6212.854	3091.742

Sample Name: J4668-21 Acquired: 8/30/2018 15:41:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGABB4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0671849	-.002359	.2800251	-.015582	.0044751	98.73202	1.664413
Stddev	.0018153	.002903	.0008170	.001463	.0008852	.06618	.005472
%RSD	2.701950	123.0384	.2917678	9.388789	19.78189	.0670324	.3287632

#1	.0652093	.000992	.2808816	-.017036	.0037316	98.76383	1.667400
#2	.0675658	-.004050	.2799393	-.015599	.0042393	98.65594	1.658097
#3	.0687795	-.004020	.2792543	-.014111	.0054543	98.77629	1.667741

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070669	.0023244	119.6591	.1223173	.1291696	.3266059	172.5639
Stddev	.0001447	.0000540	.2498	.0013433	.0011246	.0027746	.2500
%RSD	2.048013	2.324998	.2087577	1.098229	.8706258	.8495386	.1448751

#1	.0069866	.0023056	119.7015	.1228617	.1283753	.3263496	172.3479
#2	.0072340	.0022822	119.3909	.1233030	.1286772	.3294997	172.8378
#3	.0069802	.0023853	119.8850	.1207872	.1304564	.3239682	172.5059

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.88340	53.03252	.1701680	.0012914	4.290567	.3065295	.6569772
Stddev	.02502	.26837	.0011088	.0002417	.253392	.0028238	.0075760
%RSD	.2105382	.5060512	.6515697	18.71488	5.905782	.9212122	1.153165

#1	11.88734	52.94339	.1697565	.0015275	4.581353	.3065943	.6650318
#2	11.90622	53.33412	.1693239	.0013024	4.173277	.3093204	.6499938
#3	11.85665	52.82006	.1714237	.0010445	4.117071	.3036739	.6559061

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.43611	6.352105	.1727284	.0065778	7.168032	9.513119	.0025229
Stddev	.01921	.052867	.0019173	.0000924	.051141	.067181	.0022325
%RSD	.1680126	.8322812	1.110027	1.405514	.7134548	.7061939	88.49085

#1	11.41414	6.317478	.1710360	.0065490	7.142331	9.478710	.0034899
#2	11.44974	6.325879	.1748107	.0066812	7.134840	9.470113	.0041088
#3	11.44446	6.412958	.1723385	.0065031	7.226926	9.590534	-.000030

Sample Name: J4668-21 Acquired: 8/30/2018 15:41:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGABB4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.094491	.0667442	.3121689
Stddev	.004784	.0002693	.0003286
%RSD	.4370691	.4034968	.1052519

#1	1.088972	.0666929	.3120294
#2	1.097455	.0670354	.3125442
#3	1.097046	.0665042	.3119331

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2154.174	2450.683	50150.29	6044.343	3002.727
Stddev	4.008	5.378	261.23	8.900	9.293
%RSD	.1860381	.2194360	.5208923	.1472399	.3094982

#1	2155.788	2447.003	50003.02	6036.768	3004.640
#2	2149.611	2456.854	49995.94	6042.116	3010.915
#3	2157.124	2448.191	50451.90	6054.144	2992.626

Sample Name: PB112476BL Acquired: 8/30/2018 15:45:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000915	-.002206	-.000752	.0002959	-.001585	.0047002
Stddev	.0009879	.000755	.001603	.0016062	.000212	.0038157
%RSD	1080.228	34.21829	213.2517	542.7759	13.34903	81.18305

#1	-.000334	-.001370	-.001314	-.001557	-.001425	.0090523
#2	.001221	-.002412	-.001997	.001159	-.001825	.0031190
#3	-.000612	-.002837	.001057	.001286	-.001506	.0019292

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000932	.0000349	.0000699	-.004457	-.000042	.0000156
Stddev	.000951	.0000114	.0001194	.020628	.000868	.0001911
%RSD	102.0412	32.65950	170.7009	462.7902	2084.906	1228.288

#1	-.000497	.0000376	.0000253	-.022248	.000415	-.000066
#2	-.000277	.0000224	-.000021	.018154	.000503	.000234
#3	-.002023	.0000447	.000205	-.009277	-.001043	-.000121

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028872	.0022282	.0001050	.0266146	.0000023	.0011212
Stddev	.0031478	.0173543	.0016726	.0626661	.0003644	.0003271
%RSD	109.0282	778.8569	1593.470	235.4578	15816.22	29.17588

#1	-.000349	.0218281	.0006677	-.033349	.0001312	.0007800
#2	.003072	-.003959	.0014237	.021520	.0002847	.0014321
#3	.005939	-.011185	-.001776	.091672	-.000409	.0011515

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.311276	-.001027	.0103378	-.003710	-.011145	F -.016377
Stddev	.080745	.002049	.0163745	.036113	.000868	.000952
%RSD	25.94000	199.6172	158.3945	973.4508	7.788873	5.814116

#1	-.280298	.000799	.0272743	-.031341	-.010184	-.015975
#2	-.402923	-.000636	.0091489	.037153	-.011873	-.015691
#3	-.250608	-.003243	-.005410	-.016941	-.011379	-.017464

Sample Name: PB112476BL Acquired: 8/30/2018 15:45:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000265	-.039573	-.010393	-.005527	-.000149	-.010282
Stddev	.000241	.006613	.001739	.000851	.000146	.000379
%RSD	91.08124	16.71181	16.72853	15.39687	98.18521	3.686455

#1	-.000209	-.033312	-.012268	-.005040	-.000132	-.010266
#2	-.000529	-.038916	-.008834	-.006510	-.000012	-.009912
#3	-.000056	-.046490	-.010077	-.005032	-.000302	-.010669

Elem	Sr4077
Units	ppm
Avg	-.000061
Stddev	.000111
%RSD	182.3935

#1	-.000058
#2	-.000174
#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	1959.185	2219.567	44580.79	5323.550	3089.065
Stddev	3.638	6.491	123.75	23.441	15.434
%RSD	.1856952	.2924656	.2775970	.4403250	.4996263

#1	1955.142	2218.488	44500.13	5332.775	3097.670
#2	1960.222	2226.530	44518.97	5296.900	3098.278
#3	1962.193	2213.682	44723.27	5340.975	3071.247

Sample Name: PB112476BS Acquired: 8/30/2018 15:49:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0188231	.0437938	.0167712	.0684732	.1200654	.3724431
Stddev	.0005350	.0023661	.0008330	.0017008	.0009581	.0147234
%RSD	2.842062	5.402876	4.966826	2.483879	.7980182	3.953203

#1	.0186532	.0410816	.0159809	.0665375	.1191670	.3590167
#2	.0194224	.0448645	.0176412	.0691540	.1210738	.3701242
#3	.0183938	.0454353	.0166915	.0697283	.1199553	.3881884

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3947288	.0104581	.0097726	9.448864	.0205889	.0914725
Stddev	.0011540	.0000843	.0000765	.049825	.0003710	.0003145
%RSD	.2923598	.8064082	.7830864	.5273114	1.802116	.3438678

#1	.3934093	.0103850	.0096858	9.405886	.0208623	.0914057
#2	.3952273	.0104389	.0098020	9.437229	.0207379	.0911967
#3	.3955497	.0105504	.0098301	9.503477	.0201665	.0918151

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0571067	.1933796	.0319423	9.245363	.0795098	.0198507
Stddev	.0011602	.0161782	.0009517	.112319	.0008202	.0002902
%RSD	2.031700	8.366033	2.979396	1.214869	1.031603	1.462046

#1	.0561691	.1764713	.0313081	9.358808	.0803493	.0198995
#2	.0584043	.1949551	.0314821	9.134204	.0787104	.0201135
#3	.0567469	.2087124	.0330366	9.243079	.0794698	.0195392

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.226487	.1009845	.1024002	9.306434	F .1843767	F .0018477
Stddev	.403741	.0039624	.0184967	.064992	.0028298	.0008217
%RSD	4.375894	3.923753	18.06312	.6983525	1.534771	44.47361

#1	8.761076	.1052800	.1210091	9.370621	.1813711	.0009049
#2	9.482689	.1002014	.0840178	9.240667	.1847695	.0022266
#3	9.435694	.0974722	.1021737	9.308015	.1869896	.0024116

Sample Name: PB112476BS Acquired: 8/30/2018 15:49:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0185306	.1476568	.1759233	.0079026	.0998247	.0815814
Stddev	.0001160	.0074930	.0024533	.0005522	.0008894	.0014501
%RSD	.6257206	5.074636	1.394525	6.987722	.8909566	1.777506

#1	.0183968	.1483029	.1740316	.0072760	.0993517	.0805693
#2	.0185932	.1398616	.1750430	.0081133	.0992717	.0809322
#3	.0186018	.1548058	.1786953	.0083184	.1008506	.0832427

Elem	Sr4077
Units	ppm
Avg	.1951143
Stddev	.0000542
%RSD	.0278050

#1	.1951737
#2	.1950673
#3	.1951020

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1976.145	2241.256	45200.23	5406.650	3163.432
Stddev	4.983	11.479	86.34	32.619	9.735
%RSD	.2521542	.5121541	.1910059	.6033158	.3077213

#1	1970.606	2248.890	45113.64	5441.325	3168.614
#2	1980.263	2246.823	45286.31	5402.050	3169.479
#3	1977.565	2228.056	45200.74	5376.575	3152.203

Sample Name: J4669-01 Acquired: 8/30/2018 15:53:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGABB5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0598902	-.000328	.2473200	-.012868	.0042849	80.26313	1.271989
Stddev	.0034652	.004224	.0010753	.002703	.0009580	.11061	.003166
%RSD	5.785861	1288.548	.4347620	21.00782	22.35692	.1378036	.2488784

#1	.0576415	-.005141	.2478901	-.012778	.0052792	80.15537	1.274396
#2	.0581483	.001392	.2460797	-.010211	.0033680	80.37637	1.273169
#3	.0638807	.002765	.2479901	-.015616	.0042074	80.25765	1.268403

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072005	.0015401	87.25888	.1035566	.1135178	.1275208	154.7276
Stddev	.0001122	.0001225	.15267	.0004083	.0001293	.0024522	.5455
%RSD	1.557505	7.951152	.1749620	.3942756	.1139156	1.922949	.3525875

#1	.0073239	.0013990	87.38272	.1040210	.1134399	.1290671	155.3340
#2	.0071049	.0016186	87.30562	.1033950	.1136671	.1288018	154.5721
#3	.0071726	.0016027	87.08831	.1032539	.1134465	.1246934	154.2766

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.974958	28.21006	.1549749	.0007696	.5717300	.2822248	.3460154
Stddev	.036630	.04284	.0002843	.0003259	.1104817	.0026185	.0044285
%RSD	.3672230	.1518450	.1834495	42.33886	19.32411	.9277930	1.279858

#1	10.00749	28.25461	.1549569	.0003952	.6955239	.2792130	.3490293
#2	9.98210	28.20639	.1547000	.0009250	.5365262	.2839613	.3480860
#3	9.93528	28.16918	.1552677	.0009888	.4831400	.2835000	.3409309

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.407704	5.659051	.1357118	.0053477	4.273915	1.863288	-.001295
Stddev	.088407	.010073	.0029761	.0003056	.019185	.003513	.000552
%RSD	.9397331	.1779925	2.192974	5.714766	.4488921	.1885375	42.58300

#1	9.502645	5.647430	.1390491	.0053851	4.272577	1.865048	-.001616
#2	9.392723	5.664428	.1333332	.0056329	4.293734	1.865574	-.001611
#3	9.327745	5.665294	.1347531	.0050251	4.255434	1.859243	-.000658

Sample Name: J4669-01 Acquired: 8/30/2018 15:53:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGABB5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8132127	.0446000	.1393471
Stddev	.0034750	.0011853	.0002561
%RSD	.4273123	2.657613	.1837512

#1	.8163715	.0442242	.1393825
#2	.8137762	.0436481	.1395836
#3	.8094905	.0459276	.1390752

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2204.232	2512.513	51109.44	6197.375	3026.162
Stddev	22.655	9.292	487.81	15.078	6.472
%RSD	1.027793	.3698317	.9544502	.2432963	.2138589

#1	2180.727	2509.427	50662.84	6193.297	3027.118
#2	2225.929	2522.955	51630.02	6184.754	3032.102
#3	2206.041	2505.156	51035.46	6214.072	3019.265

Sample Name: PB112471BL Acquired: 8/30/2018 16:00:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005835	-.001954	-.001554	-.002307	-.002639	-.001279
Stddev	.0014372	.002645	.001537	.002405	.000568	.009090
%RSD	246.3140	135.3295	98.94047	104.2359	21.50940	710.8315

#1	.0005493	-.004891	-.000578	-.000517	-.002968	.000690
#2	.0020375	-.001212	-.003326	-.005040	-.002965	.006665
#3	-.000836	.000240	-.000758	-.001364	-.001983	-.011191

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000534	.0000132	-.000020	-.001900	-.000084	.0000694
Stddev	.000804	.0000495	.000036	.027365	.000307	.0002022
%RSD	150.4452	375.6854	184.3827	1440.233	364.3993	291.2917

#1	-.000850	.0000316	-.000061	-.011693	.000191	.0000018
#2	.000379	.0000508	-.000000	-.023021	-.000028	-.000090
#3	-.001133	-.000043	.000003	.029014	-.000416	.000297

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035383	.0091255	.0010921	-.032440	.0001141	.0012375
Stddev	.0031051	.0302830	.0002913	.026636	.0004302	.0001024
%RSD	87.75572	331.8503	26.67271	82.10662	377.0789	8.278091

#1	.0043524	.0296042	.0012363	-.015412	.0005934	.0011192
#2	.0061552	.0234326	.0012831	-.063135	-.000239	.0012975
#3	.0001073	-.025660	.0007568	-.018774	-.000012	.0012958

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.272280	-.002225	-.000913	.0689540	-.010982	F -.017727
Stddev	.194161	.004011	.013374	.0189897	.002316	.000448
%RSD	71.30912	180.3089	1465.634	27.53969	21.09252	2.526424

#1	-.144830	-.005598	.010869	.0843664	-.012053	-.018242
#2	-.495742	-.003287	.001843	.0477403	-.012569	-.017508
#3	-.176270	.002211	-.015450	.0747554	-.008324	-.017430

Sample Name: PB112471BL Acquired: 8/30/2018 16:00:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000181	-.037204	-.011113	-.004912	.0014124	-.008933
Stddev	.000153	.004757	.000340	.000737	.0005868	.002485
%RSD	84.66339	12.78629	3.058445	15.01000	41.54574	27.81965

#1	-.000321	-.042639	-.010927	-.005277	.0007959	-.009991
#2	-.000204	-.033796	-.010906	-.005395	.0014772	-.010715
#3	-.000018	-.035177	-.011505	-.004063	.0019641	-.006094

Elem	Sr4077
Units	ppm
Avg	-.000047
Stddev	.000075
%RSD	159.2156

#1	-.000089
#2	-.000091
#3	.000039

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1916.582	2179.748	43710.28	5218.442	3033.558
Stddev	3.258	.626	92.57	15.942	2.785
%RSD	.1700005	.0287098	.2117748	.3054896	.0917922

#1	1912.963	2179.286	43785.22	5201.725	3030.996
#2	1919.283	2179.498	43606.81	5220.125	3036.522
#3	1917.498	2180.460	43738.82	5233.475	3033.157

Sample Name: PB112471BS Acquired: 8/30/2018 16:04:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0165659	.0470929	.0179706	.0710821	.1234016	.3978504
Stddev	.0015536	.0006347	.0013423	.0007761	.0004051	.0141378
%RSD	9.378176	1.347799	7.469232	1.091912	.3282761	3.553551

#1	.0168941	.0474440	.0168161	.0706782	.1232839	.3827247
#2	.0148745	.0474745	.0194434	.0705911	.1238525	.4107319
#3	.0179292	.0463602	.0176522	.0719769	.1230683	.4000946

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4067665	.0106793	.0100741	9.744786	.0210198	.0942307
Stddev	.0013614	.0001533	.0000677	.033638	.0002908	.0004840
%RSD	.3346835	1.435728	.6722274	.3451937	1.383330	.5136423

#1	.4052861	.0106328	.0101450	9.706797	.0208794	.0946436
#2	.4070487	.0108505	.0100101	9.756768	.0213541	.0943506
#3	.4079646	.0105546	.0100672	9.770793	.0208258	.0936981

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0537276	.2203590	.0332208	9.518175	.0816859	.0206559
Stddev	.0048504	.0090480	.0016760	.041743	.0006730	.0003990
%RSD	9.027703	4.106046	5.045189	.4385619	.8238694	1.931837

#1	.0482522	.2135992	.0312957	9.566350	.0822441	.0202193
#2	.0574855	.2168399	.0343551	9.495441	.0809386	.0207465
#3	.0554452	.2306379	.0340117	9.492733	.0818751	.0210018

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.428078	.1009330	.1168965	9.614089	F .1950370	F .0006569
Stddev	.223734	.0029431	.0097932	.071621	.0024602	.0009115
%RSD	2.373058	2.915930	8.377640	.7449589	1.261379	138.7590

#1	9.289688	.1004167	.1088724	9.531433	.1941643	-.000369
#2	9.686199	.1041001	.1140082	9.657775	.1931321	.001375
#3	9.308348	.0982822	.1278090	9.653060	.1978145	.000965

Sample Name: PB112471BS Acquired: 8/30/2018 16:04:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0188726	.1499308	.1798858	.0071781	.1030929	.0837712
Stddev	.0001221	.0082256	.0013043	.0002791	.0015758	.0002652
%RSD	.6469402	5.486263	.7250870	3.888256	1.528518	.3165221

#1	.0188026	.1587035	.1797951	.0074148	.1037350	.0838041
#2	.0190136	.1486973	.1812331	.0068703	.1012975	.0840183
#3	.0188016	.1423916	.1786292	.0072492	.1042463	.0834911

Elem	Sr4077
Units	ppm
Avg	.2009997
Stddev	.0004305
%RSD	.2141872

#1	.2005425
#2	.2013974
#3	.2010591

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1936.345	2204.313	44074.31	5284.244	3102.523
Stddev	10.825	.382	69.75	24.686	1.161
%RSD	.5590628	.0173122	.1582613	.4671576	.0374070

#1	1923.848	2204.052	44011.55	5291.475	3102.633
#2	1942.344	2204.751	44149.41	5256.750	3101.312
#3	1942.842	2204.135	44061.99	5304.506	3103.625

Sample Name: J4669-02 Acquired: 8/30/2018 16:08:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGABB6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0347478	-.002771	.2018902	-.009080	.0011122	64.43749	.8899056
Stddev	.0036108	.001406	.0003787	.001995	.0013927	.16997	.0036020
%RSD	10.39148	50.73819	.1875789	21.97184	125.2215	.2637773	.4047577

#1	.0356851	-.004347	.2022911	-.008341	.0016916	64.24125	.8893823
#2	.0307607	-.002318	.2018412	-.007560	-.000477	64.53274	.8865939
#3	.0377975	-.001647	.2015385	-.011339	.002122	64.53848	.8937405

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047515	.0009760	27.21178	.0789389	.0633334	.1071441	106.7948
Stddev	.0000264	.0000994	.08283	.0002445	.0002823	.0007337	.2703
%RSD	.5556343	10.18699	.3043927	.3097278	.4457042	.6847442	.2530828

#1	.0047213	.0010664	27.18522	.0788508	.0631233	.1075237	106.4985
#2	.0047700	.0008695	27.14549	.0787506	.0632226	.1062984	107.0279
#3	.0047632	.0009922	27.30463	.0792152	.0636542	.1076101	106.8579

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.923705	11.67720	.0869481	.0012938	.2423268	.1883765	.2894122
Stddev	.004613	.03862	.0007968	.0006089	.1942480	.0040958	.0032503
%RSD	.0936871	.3306882	.9163825	47.06131	80.15952	2.174259	1.123051

#1	4.928007	11.68354	.0863242	.0019717	.4256327	.1887836	.2912885
#2	4.918834	11.71226	.0866746	.0011164	.0387296	.1922535	.2912890
#3	4.924274	11.63581	.0878457	.0007933	.2626181	.1840923	.2856592

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.05224	6.444532	.0946447	.0039003	3.823200	1.863968	-.002704
Stddev	.06983	.012969	.0002614	.0002643	.021644	.010909	.000917
%RSD	.6946264	.2012421	.2761598	6.775569	.5661105	.5852347	33.91791

#1	10.12166	6.452080	.0943664	.0042027	3.799064	1.855533	-.001666
#2	10.05305	6.429556	.0948850	.0037839	3.829654	1.876287	-.003403
#3	9.98202	6.451958	.0946827	.0037142	3.840882	1.860084	-.003044

Sample Name: J4669-02 Acquired: 8/30/2018 16:08:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGABB6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5200368	.0244989	.0897476
Stddev	.0011018	.0008130	.0002389
%RSD	.2118777	3.318559	.2662228

#1	.5201871	.0236071	.0894818
#2	.5188675	.0251988	.0899446
#3	.5210557	.0246908	.0898164

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2124.279	2428.020	49044.14	5938.429	3125.151
Stddev	6.294	4.075	30.15	16.349	4.371
%RSD	.2962706	.1678468	.0614774	.2753141	.1398611

#1	2130.774	2423.420	49074.33	5934.983	3123.871
#2	2118.208	2429.464	49014.03	5924.077	3130.019
#3	2123.854	2431.177	49044.06	5956.226	3121.563

Sample Name: J4669-03 Acquired: 8/30/2018 16:12:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGABB7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0568131	-.002572	.2136129	-.015973	.0034444	97.79406	1.346912
Stddev	.0039613	.003170	.0040783	.003596	.0006302	.37702	.003194
%RSD	6.972577	123.2710	1.909187	22.51207	18.29701	.3855279	.2371466

#1	.0532381	-.003683	.2094338	-.020108	.0041358	97.97627	1.350548
#2	.0610718	.001004	.2175823	-.013588	.0032953	97.36055	1.344559
#3	.0561294	-.005037	.2138227	-.014222	.0029021	98.04538	1.345628

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071554	.0015952	29.37183	.1262211	.1171424	.1362754	170.4435
Stddev	.0000802	.0000766	.05134	.0001567	.0001571	.0025449	.2414
%RSD	1.121507	4.801204	.1747766	.1241894	.1340691	1.867504	.1416221

#1	.0071661	.0015164	29.42991	.1261300	.1170567	.1340471	170.7193
#2	.0072298	.0016693	29.33254	.1261312	.1170469	.1357305	170.2708
#3	.0070704	.0016001	29.35303	.1264021	.1173237	.1390487	170.3404

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.125288	19.05067	.1478337	.0005897	.6801273	.2772764	.3824515
Stddev	.006849	.09541	.0004149	.0003460	.0551969	.0048547	.0117499
%RSD	.1118149	.5008213	.2806846	58.67502	8.115678	1.750842	3.072267

#1	6.126357	19.15040	.1476126	.0001906	.6602712	.2817846	.3728507
#2	6.117967	18.96026	.1475761	.0008059	.7425054	.2721370	.3955543
#3	6.131540	19.04136	.1483124	.0007726	.6376053	.2779077	.3789496

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.932669	5.498483	.1439251	.0045948	3.280062	1.801687	.0007459
Stddev	.034994	.030571	.0007204	.0001873	.010151	.010395	.0019783
%RSD	.3917558	.5559931	.5005613	4.076180	.3094770	.5769745	265.2176

#1	8.952228	5.476538	.1439167	.0045422	3.286878	1.809190	-.001296
#2	8.892268	5.485510	.1432090	.0048028	3.268396	1.806050	.002654
#3	8.953511	5.533401	.1446498	.0044395	3.284912	1.789822	.000879

Sample Name: J4669-03 Acquired: 8/30/2018 16:12:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGABB7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6509959	.0449774	.1450635
Stddev	.0023559	.0005214	.0002336
%RSD	.3618843	1.159160	.1610393

#1	.6506263	.0444621	.1451732
#2	.6488467	.0455046	.1447952
#3	.6535147	.0449653	.1452221

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2283.913	2602.037	52790.93	6374.050	3154.632
Stddev	13.213	12.509	32.26	37.710	13.927
%RSD	.5785443	.4807275	.0611117	.5916232	.4414767

#1	2280.994	2613.023	52823.03	6333.983	3165.253
#2	2272.403	2604.665	52791.24	6408.850	3159.779
#3	2298.342	2588.423	52758.51	6379.315	3138.864

Sample Name: J4669-04 Acquired: 8/30/2018 16:17:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGABB8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0465566	-.002259	.2108067	-.012464	.0027266	74.17948	1.263872
Stddev	.0005644	.001889	.0010956	.002666	.0009378	.25951	.004940
%RSD	1.212405	83.62085	.5197016	21.39105	34.39285	.3498444	.3908562

#1	.0464424	-.001111	.2104756	-.013309	.0024686	74.44905	1.258536
#2	.0460580	-.001227	.2099149	-.014606	.0019449	74.15805	1.268287
#3	.0471694	-.004440	.2120297	-.009478	.0037664	73.93135	1.264792

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065432	.0027126	37.71312	.0951014	.0994003	.1178706	132.8328
Stddev	.0000714	.0002459	.06614	.0002482	.0003853	.0049407	.2642
%RSD	1.091612	9.066352	.1753883	.2610270	.3876575	4.191596	.1989273

#1	.0066160	.0027809	37.65446	.0953682	.0992191	.1233628	132.5477
#2	.0065403	.0029172	37.78481	.0950585	.0991390	.1164614	133.0694
#3	.0064732	.0024398	37.70009	.0948773	.0998429	.1137877	132.8812

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.290893	14.73919	.1465598	.0010487	.1600358	.2284087	.3755495
Stddev	.028758	.12221	.0004111	.0002811	.2110233	.0044568	.0086528
%RSD	.3944343	.8291272	.2805157	26.80465	131.8601	1.951238	2.304036

#1	7.276720	14.59823	.1462344	.0010648	.2167537	.2240225	.3751811
#2	7.323986	14.81527	.1470219	.0013214	.3369038	.2282709	.3843806
#3	7.271971	14.80407	.1464232	.0007599	-.073550	.2329329	.3670868

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.592903	6.296016	.1127308	.0036102	4.516653	1.909190	-.001654
Stddev	.046308	.009129	.0006410	.0002704	.017297	.015781	.001581
%RSD	.4827300	.1449963	.5686032	7.490598	.3829625	.8265867	95.54606

#1	9.635369	6.293927	.1122901	.0035616	4.532622	1.896484	-.002783
#2	9.543529	6.306008	.1134661	.0039017	4.498279	1.926855	-.002333
#3	9.599811	6.288112	.1124362	.0033674	4.519057	1.904231	.000152

Sample Name: J4669-04 Acquired: 8/30/2018 16:17:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGABB8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5558300	.0308226	.1320748
Stddev	.0024454	.0008640	.0002112
%RSD	.4399617	2.802963	.1599360

#1	.5565677	.0300251	.1318318
#2	.5531006	.0307024	.1321780
#3	.5578216	.0317404	.1322147

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2251.747	2567.204	52186.99	6296.855	3106.076
Stddev	2.047	5.061	191.48	10.406	5.637
%RSD	.0908912	.1971323	.3669182	.1652610	.1814978

#1	2251.172	2561.986	52088.63	6290.751	3099.567
#2	2254.020	2572.091	52407.66	6290.943	3109.289
#3	2250.050	2567.533	52064.67	6308.871	3109.373

Sample Name: J4669-05 Acquired: 8/30/2018 16:21:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGABB9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0618639	.0011590	.6134323	-.018337	.0019809	80.45117	2.096133
Stddev	.0013433	.0030636	.0014849	.002712	.0014638	.18542	.004403
%RSD	2.171317	264.3348	.2420585	14.78895	73.89216	.2304752	.2100572

#1	.0615553	-.001599	.6149333	-.016905	.0026626	80.24761	2.092341
#2	.0633346	.000619	.6133995	-.021465	.0003007	80.49546	2.100962
#3	.0607018	.004457	.6119641	-.016642	.0029796	80.61043	2.095097

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081416	.0054363	61.74065	.1090997	.1018288	.1757084	171.4996
Stddev	.0000730	.0001219	.21116	.0003999	.0005090	.0069922	.8220
%RSD	.8968608	2.241965	.3420127	.3665431	.4998607	3.979448	.4792992

#1	.0080604	.0053322	61.50184	.1088301	.1013070	.1813225	170.6248
#2	.0081623	.0054064	61.90266	.1089097	.1023239	.1779265	171.6180
#3	.0082020	.0055704	61.81746	.1095591	.1018554	.1678762	172.2560

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.817061	25.18874	.1630901	.0015158	.6389817	.3009594	.6219414
Stddev	.020961	.04307	.0007025	.0003484	.1111611	.0016193	.0168654
%RSD	.2135200	.1709945	.4307562	22.98485	17.39660	.5380429	2.711726

#1	9.795529	25.15254	.1631156	.0013724	.7447064	.2998476	.6135095
#2	9.818252	25.23637	.1623753	.0012620	.5230836	.3028172	.6109548
#3	9.837401	25.17729	.1637796	.0019131	.6491552	.3002133	.6413599

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.47991	7.373402	.1459414	.0035347	2.336045	1.753026	.0005740
Stddev	.05607	.040812	.0019410	.0001708	.001398	.016929	.0008805
%RSD	.5350684	.5535082	1.329961	4.831823	.0598493	.9657252	153.3996

#1	10.47743	7.338331	.1465118	.0037309	2.334950	1.733611	.0009421
#2	10.53718	7.363676	.1437791	.0034191	2.337619	1.764708	.0012108
#3	10.42511	7.418199	.1475333	.0034541	2.335565	1.760760	-.000431

Sample Name: J4669-05 Acquired: 8/30/2018 16:21:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGABB9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6690373	.0402574	.1605625
Stddev	.0029407	.0019763	.0009048
%RSD	.4395353	4.909193	.5635396

#1	.6659120	.0379885	.1596140
#2	.6717496	.0411796	.1606574
#3	.6694505	.0416040	.1614162

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2280.473	2584.833	52306.41	6392.977	3100.055
Stddev	12.447	8.359	251.35	42.100	6.705
%RSD	.5458086	.3233720	.4805247	.6585315	.2163011

#1	2270.121	2590.957	52050.61	6436.563	3105.675
#2	2294.283	2588.232	52553.06	6352.540	3101.857
#3	2277.014	2575.311	52315.56	6389.828	3092.633

Sample Name: J4669-06 Acquired: 8/30/2018 16:25:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGABC0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0597023	-.008447	.2354640	-.024642	.0064031	128.6497	2.070578
Stddev	.0016028	.006136	.0043203	.001611	.0010534	.1685	.002468
%RSD	2.684665	72.63546	1.834794	6.538796	16.45204	.1309372	.1192073

#1	.0613935	-.009085	.2311091	-.024805	.0058644	128.7789	2.072479
#2	.0595080	-.014239	.2355343	-.022956	.0057280	128.7109	2.071467
#3	.0582056	-.002018	.2397488	-.026166	.0076170	128.4591	2.067789

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107503	.0036961	52.88553	.1567265	.1110887	.1438459	212.9846
Stddev	.0000669	.0001297	.11438	.0004794	.0001716	.0024023	.7090
%RSD	.6221743	3.508521	.2162842	.3059106	.1544863	1.670080	.3328944

#1	.0107912	.0035650	52.88127	.1565381	.1109211	.1431854	213.7483
#2	.0107865	.0038243	53.00198	.1572715	.1110810	.1418429	212.8581
#3	.0106731	.0036991	52.77333	.1563698	.1112641	.1465094	212.3473

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.052204	21.41033	.2766210	.0006178	.7372060	.3093564	.5747097
Stddev	.022848	.02794	.0006467	.0002164	.1603823	.0058316	.0061286
%RSD	.3239811	.1304921	.2337961	35.02538	21.75542	1.885091	1.066374

#1	7.051737	21.43397	.2772994	.0008197	.5583523	.3064517	.5682182
#2	7.075281	21.41752	.2760115	.0003894	.8682377	.3160700	.5803956
#3	7.029593	21.37950	.2765520	.0006444	.7850281	.3055476	.5755153

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.33535	4.750154	.1773143	.0069151	1.393956	1.903375	.0043046
Stddev	.05111	.009308	.0027119	.0003065	.003336	.008433	.0019410
%RSD	.4509075	.1959414	1.529429	4.431733	.2393054	.4430389	45.09180

#1	11.29216	4.753562	.1777883	.0071962	1.397005	1.897955	.0020865
#2	11.39178	4.739623	.1797580	.0069606	1.394469	1.913091	.0056921
#3	11.32210	4.757277	.1743967	.0065884	1.390393	1.899080	.0051352

Sample Name: J4669-06 Acquired: 8/30/2018 16:25:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGABC0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7745729	.0632256	.1660179
Stddev	.0012809	.0001830	.0002220
%RSD	.1653720	.2894705	.1336985

#1	.7760236	.0632411	.1662647
#2	.7740973	.0634004	.1658347
#3	.7735977	.0630354	.1659543

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2413.013	2757.627	55678.18	6792.620	3033.789
Stddev	15.575	9.688	57.48	6.187	6.272
%RSD	.6454640	.3513170	.1032291	.0910841	.2067415

#1	2395.297	2754.383	55625.75	6785.842	3035.129
#2	2419.192	2768.520	55669.17	6794.052	3039.283
#3	2424.550	2749.977	55739.64	6797.965	3026.955

Sample Name: J4669-07 Acquired: 8/30/2018 16:29:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGABC0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0663541	-.010069	.2411780	-.022129	.0033123	128.6736	2.074190
Stddev	.0017953	.003492	.0032695	.001780	.0013082	.2132	.003761
%RSD	2.705663	34.68030	1.355617	8.041414	39.49540	.1657077	.1813263

#1	.0681867	-.013822	.2407652	-.022955	.0026704	128.9169	2.076870
#2	.0645986	-.009469	.2381345	-.023346	.0048174	128.5192	2.075808
#3	.0662769	-.006916	.2446342	-.020087	.0024490	128.5848	2.069890

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107678	.0037172	53.16653	.1570181	.1120422	.1462887	213.8980
Stddev	.0002002	.0000852	.07568	.0004859	.0000951	.0054024	.3827
%RSD	1.859659	2.293141	.1423499	.3094663	.0848742	3.692954	.1789315

#1	.0105606	.0036258	53.25153	.1572612	.1119475	.1522848	214.2601
#2	.0107825	.0037313	53.14161	.1564586	.1121377	.1447806	213.4976
#3	.0109603	.0037945	53.10645	.1573345	.1120414	.1418006	213.9364

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.079837	21.52307	.2793051	.0006182	.6093223	.3043639	.5702764
Stddev	.003676	.13242	.0009912	.0002881	.3263318	.0064519	.0015057
%RSD	.0519179	.6152686	.3548734	46.60569	53.55652	2.119808	.2640372

#1	7.083223	21.54640	.2788870	.0008836	.4625419	.3117966	.5703008
#2	7.075928	21.38053	.2785915	.0003118	.9832688	.3002078	.5687585
#3	7.080361	21.64228	.2804368	.0006593	.3821562	.3010873	.5717697

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.36472	4.770029	.1746382	.0067130	1.402466	1.908832	.0054428
Stddev	.04120	.028214	.0053663	.0001719	.005602	.011782	.0002724
%RSD	.3625174	.5914870	3.072788	2.561085	.3994225	.6172197	5.004323

#1	11.36457	4.751363	.1795948	.0067573	1.404804	1.895547	.0051850
#2	11.40599	4.756238	.1753803	.0068585	1.396074	1.918011	.0054156
#3	11.32359	4.802486	.1689396	.0065233	1.406519	1.912938	.0057277

Sample Name: J4669-07 Acquired: 8/30/2018 16:29:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGABC0D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7740106	.0632959	.1661091
Stddev	.0057320	.0008919	.0005173
%RSD	.7405646	1.409136	.3114381

#1	.7789900	.0634337	.1666993
#2	.7752971	.0641109	.1658942
#3	.7677446	.0623431	.1657340

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2406.269	2744.087	55412.48	6756.809	3010.629
Stddev	26.061	9.281	193.20	25.860	9.666
%RSD	1.083065	.3382153	.3486624	.3827243	.3210620

#1	2426.262	2745.785	55542.23	6777.345	3013.535
#2	2376.794	2752.402	55190.44	6765.316	3018.509
#3	2415.751	2734.074	55504.77	6727.768	2999.844

Sample Name: J4669-09 Acquired: 8/30/2018 16:41:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGABC1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0547382	-.000377	.7942967	-.013486	.0033392	53.40443	3.432499
Stddev	.0036896	.001461	.0057027	.003634	.0013238	.24245	.006121
%RSD	6.740466	387.2238	.7179603	26.94786	39.64548	.4539943	.1783367

#1	.0515841	-.001966	.7881408	-.017659	.0029932	53.30986	3.425583
#2	.0538349	.000909	.7953497	-.011009	.0022227	53.67991	3.437221
#3	.0587955	-.000075	.7993995	-.011791	.0048016	53.22351	3.434693

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058993	.0068508	234.0608	.1357536	.1021751	.2377470	128.7752
Stddev	.0001115	.0000608	.5751	.0004203	.0002958	.0016886	.2605
%RSD	1.890734	.8869128	.2456897	.3096370	.2895014	.7102348	.2022609

#1	.0060281	.0067948	233.4452	.1361281	.1019384	.2371336	128.8490
#2	.0058356	.0068421	234.1529	.1358338	.1020802	.2396565	128.4858
#3	.0058341	.0069154	234.5842	.1352990	.1025067	.2364508	128.9908

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.962231	68.36667	.1754021	.0016008	.7821761	.1993268	1.419842
Stddev	.019227	.10061	.0006237	.0000205	.2710867	.0042478	.018243
%RSD	.2145331	.1471595	.3555988	1.283384	34.65801	2.131090	1.284883

#1	8.948750	68.34278	.1755413	.0016175	1.032833	.2036520	1.405772
#2	8.953696	68.28016	.1747205	.0015779	.819225	.1991677	1.413300
#3	8.984248	68.47707	.1759444	.0016069	.494471	.1951608	1.440454

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.781501	5.678951	.1178471	.0064711	4.601448	1.848467	.0016611
Stddev	.041316	.036291	.0023079	.0004879	.009202	.012510	.0009323
%RSD	.6092451	.6390355	1.958388	7.539632	.1999705	.6768020	56.12246

#1	6.782136	5.640287	.1180378	.0070329	4.593481	1.855413	.0008611
#2	6.822497	5.684291	.1154498	.0061537	4.611520	1.855963	.0014373
#3	6.739872	5.712276	.1200538	.0062267	4.599344	1.834024	.0026850

Sample Name: J4669-09 Acquired: 8/30/2018 16:41:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGABC1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5400051	.0261450	.2943506
Stddev	.0046244	.0006454	.0007521
%RSD	.8563612	2.468401	.2555148

#1	.5354453	.0254134	.2949495
#2	.5446915	.0263882	.2945958
#3	.5398785	.0266334	.2935065

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2157.991	2447.488	50087.48	6139.601	2985.834
Stddev	10.888	7.003	113.10	38.299	8.705
%RSD	.5045598	.2861376	.2257955	.6237991	.2915512

#1	2166.142	2453.604	50167.84	6153.558	2991.718
#2	2162.206	2449.011	50136.44	6096.281	2989.949
#3	2145.625	2439.849	49958.15	6168.963	2975.834

Sample Name: J4669-10 Acquired: 8/30/2018 16:45:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGABC2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0800895	.0021886	1.205205	-.015064	.0046813	75.60433	3.221756
Stddev	.0007014	.0018785	.008940	.001569	.0001687	.05360	.012250
%RSD	.8757951	85.83211	.7417803	10.41520	3.602735	.0708900	.3802183

#1	.0808994	.0040423	1.195482	-.013631	.0046612	75.55790	3.234567
#2	.0796894	.0022372	1.207062	-.016741	.0045236	75.66298	3.220544
#3	.0796797	.0002862	1.213071	-.014822	.0048591	75.59212	3.210158

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074202	.0066996	39.01634	.1336217	.1723121	.1582992	165.3910
Stddev	.0000292	.0000114	.12750	.0012394	.0024389	.0065705	.6071
%RSD	.3932643	.1699923	.3267777	.9275764	1.415419	4.150705	.3670651

#1	.0073962	.0066865	39.15701	.1325037	.1696480	.1512964	166.0880
#2	.0074527	.0067059	38.98360	.1334068	.1728534	.1592724	164.9776
#3	.0074117	.0067065	38.90840	.1349545	.1744349	.1643289	165.1074

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.04999	15.95695	.1871501	.0010145	.4691236	.2763239	.9171397
Stddev	.03474	.07758	.0018723	.0005517	.1830393	.0034044	.0027797
%RSD	.2661697	.4862103	1.000423	54.37796	39.01730	1.232049	.3030796

#1	13.08771	15.92923	.1850508	.0016361	.6507694	.2802522	.9173274
#2	13.01932	15.89703	.1886472	.0008246	.4718796	.2744879	.9142710
#3	13.04296	16.04458	.1877523	.0005829	.2847218	.2742316	.9198208

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.772726	5.219054	.1449320	.0086696	4.140257	1.551030	.0020060
Stddev	.076810	.054056	.0033165	.0003537	.032473	.026375	.0011506
%RSD	.7859645	1.035742	2.288334	4.079217	.7843339	1.700468	57.35720

#1	9.712552	5.161757	.1480844	.0083115	4.106938	1.535435	.0012278
#2	9.859241	5.226260	.1414727	.0086787	4.142019	1.581482	.0014625
#3	9.746385	5.269146	.1452390	.0090186	4.171813	1.536173	.0033276

Sample Name: J4669-10 Acquired: 8/30/2018 16:45:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGABC2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6320605	.0366702	.0951900
Stddev	.0025573	.0008547	.0001821
%RSD	.4045956	2.330697	.1913342

#1	.6301252	.0363004	.0953938
#2	.6310966	.0360627	.0951330
#3	.6349596	.0376475	.0950431

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2255.388	2550.835	52102.03	6286.601	3104.471
Stddev	9.014	16.959	79.09	35.189	23.927
%RSD	.3996716	.6648315	.1518039	.5597474	.7707154

#1	2265.691	2565.430	52076.03	6325.154	3126.525
#2	2248.951	2554.845	52190.85	6256.211	3107.856
#3	2251.523	2532.231	52039.20	6278.437	3079.032

Sample Name: J4669-11 Acquired: 8/30/2018 17:01:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGABC3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0819016	-.011515	.0828802	.1663296	.0491721	32.98087	2.211765
Stddev	.0052843	.000815	.0006579	.0057549	.0003949	.11117	.010994
%RSD	6.452062	7.078863	.7938509	3.459923	.8031772	.3370854	.4970660

#1	.0758101	-.010602	.0830697	.1727840	.0493138	33.08479	2.222145
#2	.0852553	-.012170	.0821482	.1644713	.0487258	32.99418	2.212904
#3	.0846392	-.011771	.0834225	.1617334	.0494766	32.86364	2.200246

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007820	.0004356	37.35440	.1313039	.4128302	.1469887	25.66869
Stddev	.0000985	.0000993	.15634	.0004637	.0014806	.0038098	.05082
%RSD	12.60047	22.80256	.4185449	.3531212	.3586488	2.591883	.1979679

#1	.0008785	.0003223	37.50313	.1310412	.4129163	.1459640	25.64795
#2	.0006816	.0004768	37.36865	.1318393	.4113085	.1437961	25.72660
#3	.0007858	.0005076	37.19142	.1310313	.4142660	.1512060	25.63152

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2173414	2.612210	.0089759	.0846272	54.46467	.6566569	.3668507
Stddev	.0006041	.048704	.0004820	.0009410	.49329	.0065025	.0183246
%RSD	.2779354	1.864489	5.369732	1.111895	.9057106	.9902395	4.995110

#1	.2175111	2.667249	.0092187	.0857135	54.87006	.6526793	.3477961
#2	.2178426	2.574683	.0092882	.0841000	54.60850	.6641608	.3843456
#3	.2166707	2.594697	.0084208	.0840680	53.91545	.6531306	.3684104

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	72.34191	.1025938	.0144169	.0025375	.5446237	.7583730	-.002309
Stddev	.29335	.0018497	.0013872	.0003742	.0011856	.0087549	.001253
%RSD	.4055019	1.802963	9.621879	14.74515	.2176822	1.154435	54.25720

#1	72.67513	.1006508	.0136972	.0029682	.5441703	.7683351	-.003726
#2	72.22796	.1043335	.0160160	.0022928	.5437318	.7548807	-.001855
#3	72.12263	.1027971	.0135375	.0023515	.5459690	.7519032	-.001347

Sample Name: J4669-11 Acquired: 8/30/2018 17:01:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGABC3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5289513	-.002375	.0242994
Stddev	.0016036	.001896	.0002436
%RSD	.3031676	79.83917	1.002636

#1	.5292226	-.000203	.0245554
#2	.5304020	-.003220	.0242726
#3	.5272294	-.003701	.0240703

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1954.193	2236.411	45058.28	5448.986	3030.231
Stddev	2.607	9.785	192.19	21.648	5.792
%RSD	.1333994	.4375272	.4265258	.3972804	.1911530

#1	1956.320	2234.138	44923.12	5423.990	3030.477
#2	1951.285	2247.133	44973.43	5461.661	3035.896
#3	1954.974	2227.963	45278.29	5461.307	3024.319

Sample Name: CCV012 Acquired: 8/30/2018 17:11:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CC0V12 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.961636	4.860757	24.42962	4.644355	4.943808	407.5172
Stddev	.009599	.014523	.05136	.009755	.014017	1.9625
%RSD	.1934566	.2987746	.2102512	.2100427	.2835330	.4815849

#1	4.967281	4.863363	24.40377	4.655565	4.954646	409.7716
#2	4.950553	4.845107	24.39631	4.637796	4.927978	406.1909
#3	4.967073	4.873800	24.48877	4.639704	4.948801	406.5889

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.00801	.4711015	2.356365	F 478.5225	14.65664	2.376552
Stddev	.04224	.0029558	.006221	1.3615	.02205	.005774
%RSD	.4221040	.6274235	.2639943	.2845307	.1504493	.2429452

#1	10.05204	.4742470	2.358583	479.9677	14.63204	2.379348
#2	9.96781	.4683816	2.349339	477.2639	14.67464	2.369912
#3	10.00418	.4706758	2.361172	478.3358	14.66322	2.380395

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.85835	399.3604	14.42822	388.3948	2.488100	1.204351
Stddev	.05977	.5430	.02697	.2380	.005087	.004078
%RSD	.4022681	.1359666	.1869118	.0612660	.2044600	.3386334

#1	14.92577	399.9796	14.45894	388.6631	2.489706	1.205907
#2	14.81186	399.1363	14.41725	388.2092	2.482404	1.199724
#3	14.83742	398.9654	14.40846	388.3122	2.492191	1.207422

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	400.7474	2.490609	13.93885	157.0377	F 5.778315	4.745684
Stddev	2.8286	.016444	.04686	.5479	.015498	.014116
%RSD	.7058304	.6602396	.3361927	.3489150	.2682012	.2974388

#1	403.8790	2.508949	13.98679	157.6465	5.781048	4.761931
#2	398.3781	2.485696	13.93660	156.5841	5.761633	4.736425
#3	399.9850	2.477181	13.89315	156.8827	5.792264	4.738697

Sample Name: CCV012 Acquired: 8/30/2018 17:11:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CC0V12 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.755515	5.128852	4.619292	4.990752	4.972151	5.039551
Stddev	.004780	.007839	.025305	.019964	.026200	.019731
%RSD	.1005117	.1528381	.5478062	.4000264	.5269349	.3915259

#1	4.761012	5.134289	4.648209	4.987699	4.998611	5.054225
#2	4.752345	5.132401	4.601205	4.972490	4.946219	5.017120
#3	4.753187	5.119866	4.608460	5.012067	4.971624	5.047308

Elem	Sr4077
Units	ppm
Avg	4.883763
Stddev	.014395
%RSD	.2947518

#1	4.899969
#2	4.872459
#3	4.878861

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1705.103	1901.236	41181.43	5136.865	2528.563
Stddev	5.880	3.335	89.86	17.395	6.881
%RSD	.3448296	.1754298	.2182079	.3386404	.2721300

#1	1710.965	1898.909	41246.86	5116.790	2527.592
#2	1699.206	1905.057	41078.97	5146.304	2535.878
#3	1705.136	1899.741	41218.46	5147.500	2522.219

Sample Name: CCB012 Acquired: 8/30/2018 17:15:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB012 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032591	.0007939	-.002544	-.001698	-.003099	-.001004	-.001200
Stddev	.0036084	.0016504	.001970	.001462	.000168	.002954	.000341
%RSD	110.7190	207.8945	77.42481	86.10264	5.431630	294.2546	28.42339

#1	.0050901	.0009912	-.000843	-.000998	-.003223	-.002422	-.001324
#2	-.000898	-.000946	-.002088	-.000717	-.003168	.002392	-.001461
#3	.005585	.002337	-.004702	-.003379	-.002907	-.002982	-.000814

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000596	-.000003	-.005464	-.000192	.0005090	.0036974	-.005792
Stddev	.0000696	.000082	.017430	.000409	.0000623	.0028185	.009758
%RSD	116.7259	2673.530	318.9918	213.4264	12.24868	76.23103	168.4775

#1	.0000778	.000036	-.024723	-.000207	.0005735	.0060485	.005265
#2	-.000017	.000053	.009227	.000225	.0005044	.0044707	-.013200
#3	.000118	-.000098	-.000897	-.000593	.0004490	.0005729	-.009441

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002705	.0473446	.0005977	.0018585	-.013800	.0049504	.0125291
Stddev	.0010644	.0344441	.0005336	.0003048	.232784	.0017298	.0078134
%RSD	393.4871	72.75182	89.26268	16.39869	1686.819	34.94344	62.36173

#1	-.000804	.0085516	.0005196	.0016951	.001523	.0048970	.0214162
#2	.001324	.0591436	.0001075	.0022101	-.253867	.0067063	.0094325
#3	.000292	.0743386	.0011660	.0016702	.210944	.0032479	.0067388

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2607191	-.008948	-.006031	.0000854	-.040692	-.010532	-.004677
Stddev	.0715613	.002814	.000712	.0002082	.003414	.001716	.000738
%RSD	27.44765	31.44486	11.79986	243.7857	8.390574	16.29075	15.78052

#1	.3432934	-.010010	-.006780	.0001940	-.037589	-.009533	-.005452
#2	.2221008	-.005758	-.005950	-.000155	-.044350	-.009551	-.003983
#3	.2167630	-.011077	-.005363	.000217	-.040137	-.012514	-.004595

Sample Name: CCB012 Acquired: 8/30/2018 17:15:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB012 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002014	-.001702	-.000012
Stddev	.0025182	.000887	.000156
%RSD	1250.196	52.13577	1275.752

#1	-.001474	-.000677	-.000044
#2	.003097	-.002225	.000157
#3	-.001019	-.002204	-.000150

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1953.759	2217.390	44513.56	5314.383	3087.168
Stddev	12.968	4.340	171.58	30.304	2.078
%RSD	.6637233	.1957417	.3854469	.5702233	.0673178

#1	1949.555	2213.005	44548.35	5287.550	3085.928
#2	1968.307	2221.684	44665.08	5347.250	3089.567
#3	1943.415	2217.481	44327.26	5308.350	3086.009

Sample Name: J4680-01 Acquired: 8/30/2018 17:19:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4A0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0763320	-.017373	1.517737	-.033797	.0003331	149.2350	1.349510
Stddev	.0007615	.001577	.003395	.002603	.0019757	.4079	.002373
%RSD	.9976281	9.077066	.2236630	7.701663	593.0909	.2733303	.1758171

#1	.0771885	-.015980	1.515920	-.036765	-.000719	149.0927	1.351459
#2	.0760763	-.017053	1.515638	-.032728	.002612	148.9172	1.346868
#3	.0757313	-.019085	1.521654	-.031900	-.000894	149.6950	1.350204

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115437	.0113939	44.56626	1.978560	.1594980	.5149057	306.5184
Stddev	.0001803	.0000518	.08595	.001602	.0008972	.0036955	.6183
%RSD	1.561991	.4548126	.1928575	.0809704	.5624881	.7177065	.2017268

#1	.0113882	.0113345	44.50441	1.977057	.1589426	.5130232	306.6766
#2	.0115014	.0114299	44.52996	1.978377	.1590183	.5125305	305.8363
#3	.0117413	.0114173	44.66440	1.980245	.1605330	.5191634	307.0422

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.678307	45.41455	.3300679	.0057967	1.717013	.4489329	1.501027
Stddev	.010510	.08326	.0021467	.0000507	.172923	.0016096	.039220
%RSD	.1573814	.1833410	.6503848	.8749626	10.07115	.3585328	2.612846

#1	6.672766	45.39975	.3293107	.0058546	1.747373	.4500400	1.459241
#2	6.671726	45.33968	.3284023	.0057756	1.872746	.4496722	1.506800
#3	6.690428	45.50422	.3324905	.0057601	1.530921	.4470865	1.537040

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.80766	8.950722	.2769430	.0078592	3.518026	3.432612	.0886762
Stddev	.02303	.038461	.0022127	.0000658	.022518	.027360	.0006522
%RSD	.1456743	.4296923	.7989586	.8369619	.6400682	.7970552	.7354696

#1	15.82747	8.941627	.2776260	.0078450	3.497129	3.422443	.0880417
#2	15.78239	8.917625	.2744693	.0078017	3.515075	3.411793	.0886422
#3	15.81311	8.992916	.2787336	.0079310	3.541873	3.463600	.0893448

Sample Name: J4680-01 Acquired: 8/30/2018 17:19:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4A0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.360742	.1727933	.1930060
Stddev	.012328	.0014415	.0010729
%RSD	.3668287	.8342484	.5559090

#1	3.351879	.1730037	.1935354
#2	3.355526	.1712582	.1917713
#3	3.374820	.1741181	.1937114

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2367.505	2671.283	54809.73	6645.899	3008.079
Stddev	13.562	10.698	106.62	10.060	8.720
%RSD	.5728243	.4004926	.1945345	.1513765	.2898836

#1	2380.396	2667.597	54827.51	6638.997	3002.569
#2	2368.760	2683.338	54695.34	6657.443	3018.133
#3	2353.360	2662.916	54906.35	6641.259	3003.537

Sample Name: J4680-02 Acquired: 8/30/2018 17:23:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4A0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0730840	-.014075	1.490994	-.034995	.0002989	146.6025	1.331355
Stddev	.0016151	.001514	.005138	.001376	.0021230	.2493	.003561
%RSD	2.209914	10.75319	.3445850	3.933216	710.2574	.1700653	.2674712

#1	.0736927	-.015514	1.485374	-.035938	.0008900	146.7093	1.334914
#2	.0712530	-.014215	1.492157	-.035631	-.002057	146.3176	1.331360
#3	.0743062	-.012497	1.495451	-.033416	.002064	146.7806	1.327792

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113486	.0111875	44.03775	1.953935	.1575588	.5038068	302.9571
Stddev	.0002118	.0001378	.05221	.001735	.0005870	.0019331	.9738
%RSD	1.866250	1.232089	.1185494	.0887967	.3725456	.3836937	.3214327

#1	.0111298	.0113464	44.07464	1.954509	.1573348	.5058788	301.8328
#2	.0115526	.0111163	43.97802	1.955311	.1571167	.5020518	303.5050
#3	.0113633	.0110999	44.06060	1.951986	.1582248	.5034899	303.5336

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.591507	44.78436	.3259960	.0058859	1.824773	.4435834	1.492879
Stddev	.014310	.17168	.0014127	.0001417	.112042	.0063310	.016720
%RSD	.2170996	.3833466	.4333597	2.407008	6.140031	1.427248	1.119976

#1	6.576007	44.59363	.3246112	.0057227	1.922195	.4508924	1.505673
#2	6.594299	44.83294	.3274351	.0059772	1.849785	.4397994	1.499003
#3	6.604216	44.92652	.3259417	.0059578	1.702339	.4400586	1.473960

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.50246	8.868909	.2723788	.0082168	3.502937	3.387317	.0873099
Stddev	.01700	.022365	.0017185	.0001660	.014442	.025710	.0028326
%RSD	.1096445	.2521714	.6309232	2.019884	.4122691	.7590128	3.244320

#1	15.52205	8.846740	.2709816	.0083562	3.486732	3.359242	.0840394
#2	15.49168	8.868524	.2718570	.0082609	3.514446	3.409713	.0889034
#3	15.49364	8.891465	.2742977	.0080332	3.507633	3.392996	.0889868

Sample Name: J4680-02 Acquired: 8/30/2018 17:23:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4A0D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.311834	.1704922	.1901601
Stddev	.004267	.0009525	.0002261
%RSD	.1288375	.5586737	.1188786

#1	3.316283	.1710387	.1899964
#2	3.307776	.1693923	.1904181
#3	3.311441	.1710454	.1900660

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2379.899	2695.791	55385.00	6751.373	3046.363
Stddev	8.869	3.514	130.10	30.875	3.578
%RSD	.3726529	.1303663	.2349002	.4573092	.1174401

#1	2371.684	2699.671	55276.78	6760.541	3050.050
#2	2378.712	2694.881	55529.34	6776.625	3042.906
#3	2389.302	2692.821	55348.89	6716.953	3046.132

Sample Name: J4680-03 Acquired: 8/30/2018 17:27:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4A0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1539256	.1022598	1.523190	.0644261	.2050187	149.0800	5.792707
Stddev	.0057963	.0031635	.010332	.0048306	.0019903	.3804	.017603
%RSD	3.765666	3.093589	.6783100	7.497851	.9707890	.2551391	.3038874

#1	.1512785	.1008977	1.514057	.0696230	.2046468	149.2450	5.809980
#2	.1499255	.1058762	1.521108	.0600731	.2032406	148.6450	5.774791
#3	.1605729	.1000054	1.534404	.0635822	.2071688	149.3500	5.793348

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1134293	.1351970	43.66732	2.351651	1.403025	1.054165	302.7975
Stddev	.0003810	.0009009	.14746	.004721	.007006	.001861	.6299
%RSD	.3359146	.6663341	.3376995	.2007508	.4993837	.1765420	.2080272

#1	.1134941	.1342296	43.83214	2.348434	1.397249	1.053491	302.3039
#2	.1130201	.1353498	43.54788	2.349448	1.401008	1.056269	303.5069
#3	.1137739	.1360117	43.62192	2.357071	1.410819	1.052735	302.5815

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.655996	44.47574	1.642705	.1041275	1.947713	1.575113	2.489473
Stddev	.016651	.15411	.010371	.0004233	.097676	.017728	.035225
%RSD	.2174913	.3465146	.6313350	.4065600	5.014898	1.125535	1.414973

#1	7.636784	44.54733	1.632068	.1045884	2.060484	1.580154	2.526750
#2	7.666246	44.58103	1.643258	.1037561	1.889748	1.555410	2.484930
#3	7.664959	44.29885	1.652788	.1040379	1.892906	1.589776	2.456740

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.31883	8.803751	.2728768	.0073988	3.445664	3.372622	.0869391
Stddev	.08269	.037726	.0022157	.0004176	.010892	.011038	.0022378
%RSD	.5397660	.4285270	.8119963	5.644070	.3161135	.3272837	2.574002

#1	15.31311	8.762153	.2746261	.0069712	3.433206	3.362526	.0846172
#2	15.23915	8.813347	.2736189	.0078056	3.453386	3.370932	.0871179
#3	15.40422	8.835753	.2703852	.0074196	3.450400	3.384407	.0890821

Sample Name: J4680-03 Acquired: 8/30/2018 17:27:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MCB4A0S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.274011	.1720206	.1887093
Stddev	.011211	.0014388	.0002742
%RSD	.3424266	.8364303	.1452760

#1	3.271832	.1710430	.1885135
#2	3.264049	.1713462	.1885918
#3	3.286152	.1736728	.1890226

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2356.953	2673.193	54927.84	6691.499	3025.799
Stddev	11.553	8.956	220.18	13.237	13.673
%RSD	.4901608	.3350284	.4008519	.1978140	.4518776

#1	2343.613	2677.174	54782.04	6706.759	3036.166
#2	2363.648	2679.468	55181.11	6683.117	3030.928
#3	2363.598	2662.936	54820.36	6684.621	3010.303

Sample Name: J4680-01LX5 Acquired: 8/30/2018 17:31:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4A0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0177500	-.005951	.3003335	-.006175	-.002433	34.06145	.3133148
Stddev	.0042471	.001632	.0027098	.002321	.000678	.03469	.0002811
%RSD	23.92742	27.41636	.9022492	37.59069	27.85030	.1018577	.0897170

#1	.0140310	-.004335	.3029356	-.007510	-.002693	34.05068	.3130563
#2	.0223780	-.007597	.3005372	-.007520	-.001664	34.10025	.3136141
#3	.0168409	-.005921	.2975276	-.003495	-.002943	34.03341	.3132742

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029020	.0019023	10.49535	.4646623	.0316164	.1249630	72.97683
Stddev	.0000335	.0000675	.03903	.0037548	.0000617	.0012959	.14957
%RSD	1.155552	3.546038	.3718906	.8080643	.1952272	1.036989	.2049578

#1	.0029407	.0018262	10.45964	.4684261	.0315452	.1264589	72.80579
#2	.0028816	.0019547	10.53702	.4646442	.0316501	.1241859	73.04157
#3	.0028837	.0019261	10.48938	.4609166	.0316539	.1242442	73.08312

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.584875	10.67369	.0656896	.0023367	.0930743	.1042080	.3544061
Stddev	.008727	.09260	.0006669	.0003243	.3322335	.0007462	.0129259
%RSD	.5506306	.8675486	1.015189	13.87759	356.9552	.7161060	3.647196

#1	1.581990	10.58890	.0662756	.0023962	.0327126	.1049278	.3651437
#2	1.594678	10.77250	.0649639	.0026272	.4513503	.1034379	.3400592
#3	1.577955	10.65966	.0658293	.0019868	-.204840	.1042583	.3580153

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.527362	1.814092	.0512153	.0015276	.6811343	.8242554	.0142680
Stddev	.051213	.009644	.0014865	.0002350	.0017379	.0117988	.0027191
%RSD	1.451871	.5315973	2.902428	15.38648	.2551468	1.431450	19.05703

#1	3.528416	1.803036	.0496247	.0013448	.6830025	.8292447	.0150124
#2	3.578040	1.818465	.0514521	.0014453	.6795656	.8327399	.0112543
#3	3.475631	1.820773	.0525692	.0017928	.6808347	.8107815	.0165373

Sample Name: J4680-01LX5 Acquired: 8/30/2018 17:31:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MCB4A0L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7843499	.0328292	.0449400
Stddev	.0020296	.0011515	.0001912
%RSD	.2587674	3.507663	.4253646

#1	.7827761	.0326513	.0450435
#2	.7836329	.0317770	.0450570
#3	.7866407	.0340594	.0447194

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2053.205	2335.572	47023.71	5606.408	3116.335
Stddev	.366	3.569	63.45	3.776	4.143
%RSD	.0178449	.1528180	.1349356	.0673564	.1329356

#1	2053.165	2333.972	46979.36	5604.337	3115.198
#2	2052.860	2339.661	46995.39	5604.121	3120.928
#3	2053.589	2333.082	47096.40	5610.767	3112.880

Sample Name: J4669-06LX5 Acquired: 8/30/2018 17:39:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGABC0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0145379	-.001113	.0490467	-.005678	-.001794	23.34295	.3822778
Stddev	.0024584	.002330	.0022975	.002764	.001005	.04854	.0014788
%RSD	16.90995	209.3038	4.684228	48.67622	56.04339	.2079440	.3868485

#1	.0166127	-.003727	.0516950	-.002798	-.002945	23.38034	.3830634
#2	.0151783	.000749	.0478563	-.005928	-.001090	23.28810	.3805719
#3	.0118227	-.000363	.0475886	-.008309	-.001346	23.36043	.3831980

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021054	.0002966	10.12741	.0308227	.0174261	.0294681	40.03965
Stddev	.0000181	.0000949	.03978	.0001462	.0001582	.0065267	.38805
%RSD	.8578190	32.01197	.3928120	.4741535	.9077140	22.14824	.9691733

#1	.0021156	.0001876	10.09222	.0306609	.0174940	.0360758	39.59662
#2	.0021161	.0003406	10.11942	.0308621	.0172453	.0293029	40.20309
#3	.0020846	.0003614	10.17057	.0309451	.0175389	.0230256	40.31925

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.339786	3.971213	.0445884	.0006123	-.301396	.0566119	.1112831
Stddev	.004646	.098686	.0002638	.0000548	.116770	.0090296	.0114941
%RSD	.3468012	2.485043	.5915535	8.947664	38.74306	15.95009	10.32870

#1	1.334872	3.867986	.0448494	.0005890	-.240238	.0665339	.1137261
#2	1.340377	4.064625	.0443220	.0006748	-.436042	.0488761	.1213593
#3	1.344108	3.981028	.0445938	.0005729	-.227907	.0544256	.0987639

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.074875	.7477476	.0193788	.0013491	.1888468	.3471217	-.004574
Stddev	.016453	.0036656	.0004775	.0002739	.0037915	.0044771	.000653
%RSD	.7929797	.4902245	2.464225	20.30301	2.007736	1.289770	14.27786

#1	2.062922	.7440839	.0191459	.0010329	.1930522	.3422971	-.004277
#2	2.093640	.7477438	.0199281	.0015064	.1877987	.3479256	-.004122
#3	2.068062	.7514152	.0190625	.0015082	.1856896	.3511423	-.005322

Sample Name: J4669-06LX5 Acquired: 8/30/2018 17:39:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGABC0L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1423164	.0023307	.0305873
Stddev	.0018910	.0013084	.0001514
%RSD	1.328715	56.13619	.4950223

#1	.1416835	.0025930	.0306961
#2	.1408231	.0034880	.0304144
#3	.1444427	.0009110	.0306513

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2019.289	2326.752	46304.16	5604.375	3115.523
Stddev	4.969	2.642	80.37	20.999	8.136
%RSD	.2460838	.1135638	.1735784	.3746905	.2611566

#1	2013.665	2328.910	46211.55	5623.575	3119.982
#2	2021.120	2327.541	46355.72	5607.600	3120.455
#3	2023.083	2323.805	46345.20	5581.950	3106.132

Sample Name: J4669-08 Acquired: 8/30/2018 17:43:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGABC0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1327314	.1071063	.2714213	.0666187	.1999255	130.1857	6.340588
Stddev	.0041427	.0027756	.0039340	.0017536	.0024180	.2355	.016800
%RSD	3.121131	2.591461	1.449418	2.632354	1.209456	.1809183	.2649585

#1	.1374045	.1077908	.2729591	.0649202	.1971868	130.4562	6.358256
#2	.1295096	.1094756	.2743542	.0684227	.2008242	130.0264	6.338692
#3	.1312802	.1040524	.2669507	.0665131	.2017654	130.0745	6.324817

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1098427	.1250547	52.84848	.5586066	1.326299	.6712047	210.7487
Stddev	.0009187	.0004484	.02404	.0035571	.003846	.0041161	.7844
%RSD	.8364078	.3585333	.0454886	.6367732	.2899770	.6132441	.3721889

#1	.1103022	.1248066	52.86904	.5547419	1.322495	.6755151	211.4583
#2	.1104410	.1247853	52.85435	.5593346	1.326217	.6673152	210.8812
#3	.1087849	.1255723	52.82205	.5617433	1.330186	.6707838	209.9064

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.022366	20.99317	1.562999	.0951096	.9062032	1.372481	1.491154
Stddev	.018976	.07549	.003428	.0007787	.1614812	.002911	.019170
%RSD	.2365334	.3596057	.2192959	.8187013	17.81954	.2120981	1.285571

#1	8.035717	21.07838	1.559958	.0954767	1.028559	1.375564	1.469604
#2	8.030736	20.93463	1.562327	.0956368	.966878	1.372099	1.506309
#3	8.000644	20.96651	1.566713	.0942152	.723173	1.369780	1.497549

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.19869	4.718493	.1680544	.0063381	1.358988	2.793794	.0041494
Stddev	.09448	.008115	.0014841	.0001419	.007828	.020272	.0010464
%RSD	.8437046	.1719741	.8831227	2.239422	.5760452	.7255950	25.21766

#1	11.24530	4.721047	.1666313	.0061888	1.359973	2.806875	.0030833
#2	11.26081	4.709409	.1679392	.0063542	1.350714	2.804065	.0041899
#3	11.08996	4.725023	.1695928	.0064713	1.366278	2.770443	.0051749

Sample Name: J4669-08 Acquired: 8/30/2018 17:43:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGABC0S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7703375	.0639890	.1625977
Stddev	.0010334	.0012854	.0003785
%RSD	.1341544	2.008852	.2327563

#1	.7714861	.0632565	.1630346
#2	.7694828	.0654733	.1623887
#3	.7700437	.0632372	.1623699

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2418.824	2759.948	55749.39	6756.929	3053.886
Stddev	4.733	4.625	121.41	30.292	6.525
%RSD	.1956769	.1675629	.2177788	.4483129	.2136655

#1	2422.381	2754.745	55882.72	6721.967	3046.487
#2	2420.639	2763.589	55720.22	6775.339	3058.817
#3	2413.452	2761.511	55645.21	6773.481	3056.356

Sample Name: J4680-04 Acquired: 8/30/2018 17:47:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4A1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0675914	-.010113	1.097942	-.029748	-.002956	131.8852	1.195487
Stddev	.0055992	.001388	.005139	.004112	.000742	.2858	.004363
%RSD	8.283892	13.72466	.4680773	13.82430	25.10916	.2167412	.3649243

#1	.0611980	-.008987	1.094307	-.026737	-.003127	131.5572	1.200416
#2	.0716212	-.009689	1.095696	-.028073	-.002143	132.0164	1.192124
#3	.0699551	-.011664	1.103822	-.034433	-.003598	132.0818	1.193920

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102631	.0100513	41.89553	2.201687	.1442165	.7001136	291.2126
Stddev	.0001513	.0001354	.08315	.006931	.0001439	.0043827	.5246
%RSD	1.473777	1.346738	.1984710	.3148225	.0998069	.6259907	.1801278

#1	.0103030	.0099439	41.87449	2.197334	.1442199	.6983281	291.7986
#2	.0103904	.0100066	41.82492	2.209681	.1440709	.7051071	291.0527
#3	.0100959	.0102033	41.98718	2.198048	.1443587	.6969055	290.7867

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.623087	41.10848	.3419875	.0063658	2.035807	.3964812	1.496316
Stddev	.022611	.27833	.0012468	.0001374	.238301	.0060191	.006528
%RSD	.3413960	.6770510	.3645826	2.157674	11.70548	1.518140	.4362820

#1	6.648110	41.38680	.3434204	.0064687	1.761060	.3974054	1.488799
#2	6.617029	41.10849	.3411501	.0062098	2.160031	.4019848	1.499588
#3	6.604123	40.83015	.3413921	.0064188	2.186330	.3900535	1.500561

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.39396	7.819430	.2651804	.0060531	2.920099	3.010365	.0580711
Stddev	.10223	.054350	.0041446	.0001379	.016504	.018667	.0014194
%RSD	.5877393	.6950660	1.562947	2.277829	.5651877	.6200893	2.444187

#1	17.32379	7.791298	.2676006	.0059382	2.927101	3.001393	.0579691
#2	17.51125	7.784912	.2603947	.0060151	2.901248	3.031824	.0567055
#3	17.34683	7.882080	.2675460	.0062060	2.931948	2.997878	.0595387

Sample Name: J4680-04 Acquired: 8/30/2018 17:47:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4A1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.194006	.1676823	.2329613
Stddev	.011495	.0007934	.0005250
%RSD	.3598867	.4731760	.2253469

#1	3.180906	.1668348	.2334520
#2	3.198701	.1684074	.2330242
#3	3.202410	.1678048	.2324077

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2262.554	2584.256	52572.54	6419.514	3024.163
Stddev	7.801	8.308	89.50	6.745	13.270
%RSD	.3448025	.3214938	.1702469	.1050754	.4387860

#1	2270.213	2588.516	52606.14	6426.711	3029.790
#2	2262.832	2589.571	52640.38	6413.337	3033.692
#3	2254.618	2574.682	52471.10	6418.495	3009.007

Sample Name: J4680-05 Acquired: 8/30/2018 17:51:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4A2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0619837	-.008399	.6800573	-.023328	-.007051	87.75528	.7670172
Stddev	.0034602	.002469	.0012978	.003616	.000515	.47320	.0024041
%RSD	5.582422	29.39252	.1908443	15.50093	7.303030	.5392306	.3134355

#1	.0634076	-.011249	.6796566	-.019389	-.007642	88.26349	.7683640
#2	.0580388	-.007033	.6790071	-.026497	-.006695	87.32736	.7642416
#3	.0645048	-.006916	.6815083	-.024100	-.006818	87.67500	.7684461

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073160	.0088231	22.74218	2.823248	.1007519	.2526025	220.5451
Stddev	.0001119	.0001478	.06803	.006488	.0004729	.0057459	.7176
%RSD	1.530082	1.675431	.2991533	.2298117	.4693934	2.274683	.3253813

#1	.0072981	.0089132	22.81781	2.817068	.1002306	.2470690	219.8926
#2	.0072140	.0089036	22.68596	2.822669	.1008718	.2585395	220.4290
#3	.0074358	.0086525	22.72278	2.830006	.1011533	.2521991	221.3137

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.019513	25.97094	.2167415	.0056859	1.842943	.2503703	1.286539
Stddev	.006867	.16936	.0006511	.0003789	.197643	.0062388	.018705
%RSD	.1368050	.6520957	.3004064	6.664069	10.72433	2.491817	1.453901

#1	5.014956	26.05370	.2167798	.0058788	1.677763	.2572291	1.308077
#2	5.016172	25.77612	.2160721	.0052493	2.061913	.2450331	1.274368
#3	5.027411	26.08300	.2173726	.0059294	1.789153	.2488487	1.277173

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.74435	7.426324	.2032156	.0032096	2.099539	2.625738	.0292669
Stddev	.01257	.041325	.0042126	.0002534	.013607	.022640	.0010457
%RSD	.1169550	.5564627	2.072971	7.894403	.6480969	.8622502	3.572822

#1	10.73084	7.443734	.2021500	.0032075	2.098662	2.630947	.0291868
#2	10.74652	7.379143	.2078586	.0034640	2.086392	2.600948	.0303503
#3	10.75569	7.456095	.1996381	.0029573	2.113564	2.645321	.0282636

Sample Name: J4680-05 Acquired: 8/30/2018 17:51:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4A2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.868141	.1215862	.1319954
Stddev	.010201	.0010012	.0003071
%RSD	.5460493	.8234656	.2326770

#1	1.879892	.1226966	.1316681
#2	1.861563	.1213097	.1320408
#3	1.862968	.1207523	.1322773

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2220.492	2518.846	51353.81	6186.328	3084.440
Stddev	3.889	7.244	85.45	40.963	7.900
%RSD	.1751629	.2875879	.1663997	.6621611	.2561276

#1	2220.043	2518.406	51358.78	6171.947	3082.650
#2	2216.846	2526.300	51265.98	6232.543	3093.081
#3	2224.586	2511.832	51436.67	6154.494	3077.588

Sample Name: J4680-06 Acquired: 8/30/2018 17:55:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4A3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0694475	-.008752	.5419938	-.018995	-.005543	78.95478	.7037075
Stddev	.0047360	.001774	.0021041	.001971	.000139	.19605	.0006997
%RSD	6.819460	20.27352	.3882077	10.37537	2.505936	.2483070	.0994339

#1	.0644757	-.007550	.5443786	-.020914	-.005588	78.83929	.7045025
#2	.0739057	-.010790	.5403996	-.016977	-.005654	78.84391	.7034349
#3	.0699611	-.007916	.5412030	-.019095	-.005387	79.18114	.7031850

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067511	.0075455	20.11980	2.475617	.0953249	.2012682	208.6506
Stddev	.0000958	.0001654	.02621	.003141	.0009951	.0012577	.2411
%RSD	1.419451	2.192179	.1302838	.1268956	1.043886	.6248926	.1155539

#1	.0068617	.0077317	20.09528	2.479166	.0953130	.2026048	208.5829
#2	.0066940	.0074893	20.11668	2.473192	.0943358	.2001080	208.9184
#3	.0066975	.0074156	20.14743	2.474494	.0963259	.2010918	208.4506

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.765890	24.40198	.2168600	.0048321	1.635625	.2116572	1.071693
Stddev	.006793	.03016	.0002201	.0001979	.232975	.0076487	.003075
%RSD	.1425285	.1235816	.1014786	4.095992	14.24378	3.613700	.2869622

#1	4.760545	24.43022	.2166333	.0046598	1.456038	.2030388	1.072679
#2	4.773534	24.40550	.2168741	.0050483	1.551959	.2176383	1.074154
#3	4.763592	24.37021	.2170727	.0047881	1.898880	.2142944	1.068246

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.397473	6.020031	.1897798	.0027949	1.485638	2.746409	.0264417
Stddev	.050102	.020293	.0026291	.0004125	.007956	.012225	.0006289
%RSD	.5331455	.3370935	1.385336	14.75919	.5355506	.4451215	2.378563

#1	9.447865	6.011422	.1870427	.0029389	1.476743	2.760477	.0266253
#2	9.347665	6.005462	.1922856	.0031160	1.492076	2.738363	.0257413
#3	9.396888	6.043210	.1900112	.0023296	1.488096	2.740388	.0269583

Sample Name: J4680-06 Acquired: 8/30/2018 17:55:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MCB4A3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.721361	.1149175	.1251000
Stddev	.004601	.0006758	.0004578
%RSD	.2672717	.5880646	.3659308

#1	1.722191	.1149464	.1246086
#2	1.716401	.1142277	.1255143
#3	1.725489	.1155784	.1251772

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2199.890	2502.972	50782.41	6152.364	3089.760
Stddev	1.553	3.863	157.04	28.684	4.064
%RSD	.0706021	.1543464	.3092379	.4662309	.1315162

#1	2200.728	2502.565	50902.60	6132.889	3088.856
#2	2200.844	2507.023	50839.90	6185.304	3094.200
#3	2198.098	2499.329	50604.73	6138.900	3086.225

Sample Name: J4680-07 Acquired: 8/30/2018 17:59:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4A4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0497685	-.016583	2.099537	-.034745	-.001339	163.5735	1.522954
Stddev	.0011769	.002069	.011607	.001093	.001338	.7298	.006713
%RSD	2.364759	12.47773	.5528503	3.144570	99.93098	.4461486	.4408164

#1	.0491335	-.014195	2.106641	-.036003	-.000765	162.7314	1.515360
#2	.0511266	-.017847	2.086142	-.034042	-.000384	164.0213	1.525402
#3	.0490455	-.017708	2.105827	-.034189	-.002868	163.9678	1.528099

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0125181	.0106860	52.02734	2.398492	.1588669	.4555841	310.7778
Stddev	.0000722	.0003067	.16619	.004707	.0005532	.0037127	1.3064
%RSD	.5767276	2.869791	.3194369	.1962551	.3482006	.8149352	.4203680

#1	.0125419	.0107265	51.83752	2.399570	.1594916	.4529905	310.2731
#2	.0125754	.0103610	52.09779	2.393339	.1584392	.4539246	309.7991
#3	.0124370	.0109703	52.14670	2.402567	.1586699	.4598371	312.2613

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.505474	49.80061	.3271279	.0038158	2.116039	.4742895	1.635209
Stddev	.023500	.28073	.0019071	.0002635	.064861	.0050781	.026720
%RSD	.3612306	.5637007	.5829672	6.905980	3.065203	1.070678	1.634034

#1	6.481892	49.55264	.3282562	.0036009	2.101947	.4712344	1.665032
#2	6.505639	49.74378	.3249260	.0037367	2.186788	.4801514	1.627146
#3	6.528890	50.10540	.3282014	.0041098	2.059383	.4714826	1.613449

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.69422	8.783198	.2840733	.0075744	3.463469	3.389086	.0991863
Stddev	.09209	.049194	.0071950	.0005194	.031072	.036255	.0015589
%RSD	.4450169	.5600976	2.532779	6.856852	.8971313	1.069768	1.571720

#1	20.58790	8.748904	.2833426	.0073241	3.451300	3.370997	.0976545
#2	20.74525	8.761126	.2772715	.0081716	3.440323	3.430826	.1007710
#3	20.74949	8.839562	.2916057	.0072276	3.498783	3.365434	.0991334

Sample Name: J4680-07 Acquired: 8/30/2018 17:59:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MCB4A4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.574706	.1709093	.2327314
Stddev	.014145	.0012920	.0013142
%RSD	.3956956	.7559653	.5646953

#1	3.558403	.1709320	.2315970
#2	3.583721	.1721899	.2324258
#3	3.581994	.1696061	.2341715

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2393.998	2735.256	55749.98	6840.675	3018.673
Stddev	13.050	7.312	268.22	23.125	11.891
%RSD	.5450961	.2673207	.4811176	.3380556	.3939016

#1	2379.338	2728.863	55649.58	6861.225	3007.570
#2	2398.313	2743.228	56053.91	6815.633	3031.220
#3	2404.344	2733.676	55546.43	6845.167	3017.230

Sample Name: J4680-08 Acquired: 8/30/2018 18:03:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4A5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0470864	-.019795	1.937022	-.039235	.0049288	163.4349	1.590608
Stddev	.0045900	.003481	.010111	.002440	.0007344	.5142	.004687
%RSD	9.747992	17.58412	.5219832	6.218894	14.90052	.3146476	.2946459

#1	.0484122	-.022012	1.934493	-.041417	.0044965	162.9173	1.593084
#2	.0508675	-.015783	1.928415	-.036600	.0045131	163.9457	1.593537
#3	.0419794	-.021589	1.948157	-.039688	.0057768	163.4417	1.585203

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0120648	.0183096	81.04715	2.420076	.1530249	.6278716	310.6108
Stddev	.0002039	.0001047	.19390	.005708	.0009363	.0046905	1.1225
%RSD	1.690335	.5718469	.2392384	.2358463	.6118744	.7470521	.3613896

#1	.0119593	.0183922	80.98760	2.413564	.1530701	.6224648	310.5298
#2	.0119352	.0181918	81.26384	2.422458	.1520668	.6308500	311.7716
#3	.0122999	.0183448	80.89002	2.424208	.1539378	.6303001	309.5310

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.943460	57.86107	.3970866	.0121771	2.344640	.4717870	2.231466
Stddev	.018961	.44329	.0013339	.0003316	.125687	.0049576	.025960
%RSD	.3190271	.7661343	.3359134	2.723162	5.360595	1.050822	1.163365

#1	5.927975	57.55864	.3970828	.0121174	2.200255	.4749164	2.212841
#2	5.964607	58.36993	.3957546	.0125345	2.404106	.4743736	2.220437
#3	5.937798	57.65463	.3984223	.0118794	2.429558	.4660710	2.261119

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.91689	8.333039	.2817646	.0085185	2.828722	3.636958	.1632682
Stddev	.08671	.077114	.0038096	.0003540	.023556	.027687	.0008090
%RSD	.4145564	.9254037	1.352053	4.155047	.8327558	.7612796	.4954836

#1	20.82790	8.297793	.2851102	.0084338	2.852674	3.608043	.1641121
#2	20.92162	8.279846	.2825653	.0082147	2.805582	3.639601	.1631930
#3	21.00114	8.421478	.2776183	.0089072	2.827910	3.663229	.1624994

Sample Name: J4680-08 Acquired: 8/30/2018 18:03:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MCB4A5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.801495	.1792538	.3193856
Stddev	.009329	.0012792	.0011912
%RSD	.2453933	.7136352	.3729560

#1	3.790882	.1777901	.3183979
#2	3.808399	.1798136	.3207085
#3	3.805203	.1801576	.3190504

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2438.281	2749.714	56826.95	6960.505	3080.833
Stddev	14.197	7.382	132.91	35.461	9.416
%RSD	.5822524	.2684578	.2338895	.5094591	.3056303

#1	2431.905	2756.393	56674.54	6992.687	3087.671
#2	2454.548	2750.959	56887.56	6922.489	3084.735
#3	2428.390	2741.788	56918.75	6966.339	3070.093

Sample Name: J4680-09 Acquired: 8/30/2018 18:07:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4A6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0539135	-.019730	2.204503	-.036980	.0000096	157.9385	1.381559
Stddev	.0005355	.000490	.009322	.004182	.0012958	.5113	.001711
%RSD	.9932392	2.485116	.4228422	11.30768	13554.34	.3237393	.1238205

#1	.0543422	-.019566	2.201479	-.040490	.0000519	157.8620	1.381873
#2	.0533133	-.019342	2.197069	-.038097	-.001307	158.4838	1.383092
#3	.0540850	-.020281	2.214961	-.032353	.001284	157.4698	1.379714

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118796	.0107480	46.36348	2.651091	.1732963	.4380027	341.2237
Stddev	.0002639	.0000750	.13436	.002340	.0017024	.0033935	1.4667
%RSD	2.221195	.6974209	.2898026	.0882775	.9823663	.7747658	.4298499

#1	.0118987	.0106636	46.43680	2.651759	.1724907	.4381961	342.7942
#2	.0121333	.0108066	46.44524	2.648490	.1721462	.4412953	339.8893
#3	.0116066	.0107740	46.20841	2.653025	.1752519	.4345166	340.9876

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.824524	41.27376	.3302610	.0036377	2.359129	.4981192	1.813023
Stddev	.011020	.25993	.0009975	.0006087	.242936	.0045609	.014413
%RSD	.1614779	.6297736	.3020278	16.73209	10.29772	.9156175	.7949471

#1	6.835462	41.57369	.3298287	.0043186	2.293593	.5018435	1.805812
#2	6.824688	41.11389	.3295525	.0031465	2.628110	.4994817	1.803640
#3	6.813423	41.13371	.3314017	.0034480	2.155683	.4930323	1.829618

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.33178	13.35860	.3124768	.0070424	3.024876	2.654436	.1179504
Stddev	.20121	.08444	.0041932	.0003124	.012880	.022527	.0008536
%RSD	.9432369	.6320844	1.341940	4.436017	.4257920	.8486504	.7237340

#1	21.29189	13.30187	.3158168	.0070104	3.014203	2.651946	.1170351
#2	21.54994	13.31829	.3077709	.0067472	3.021244	2.678104	.1187249
#3	21.15350	13.45564	.3138426	.0073695	3.039182	2.633257	.1180911

Sample Name: J4680-09 Acquired: 8/30/2018 18:07:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MCB4A6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.861716	.1663708	.2205739
Stddev	.014532	.0010989	.0002563
%RSD	.3762996	.6604888	.1161995

#1	3.855303	.1670739	.2208296
#2	3.878351	.1651045	.2203170
#3	3.851495	.1669340	.2205751

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2378.545	2692.203	55499.86	6758.622	3043.376
Stddev	14.921	6.725	134.08	46.210	8.219
%RSD	.6273253	.2497957	.2415866	.6837237	.2700592

#1	2391.315	2691.944	55572.21	6746.602	3043.293
#2	2382.176	2699.053	55582.22	6719.609	3051.636
#3	2362.143	2685.611	55345.14	6809.655	3035.199

Sample Name: J4680-10 Acquired: 8/30/2018 18:11:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4A7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0532158	-.019715	2.147393	-.037928	.0002073	171.4404	1.519288
Stddev	.0048536	.004295	.003700	.001957	.0011740	.3857	.003699
%RSD	9.120593	21.78500	.1723105	5.161064	566.4692	.2250018	.2435011

#1	.0578084	-.020438	2.144738	-.035792	.0014929	171.5205	1.516437
#2	.0537013	-.015104	2.145822	-.038354	-.000063	171.7798	1.523468
#3	.0481377	-.023602	2.151619	-.039637	-.000808	171.0209	1.517958

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0116859	.0114088	67.81174	2.578161	.1710597	.9171510	354.4463
Stddev	.0000275	.0002754	.22058	.003535	.0005539	.0044522	2.4354
%RSD	.2354067	2.413807	.3252812	.1371179	.3238255	.4854406	.6870918

#1	.0116880	.0111962	67.72547	2.574485	.1706178	.9123212	354.4686
#2	.0116574	.0113103	68.06242	2.578460	.1708803	.9180405	356.8704
#3	.0117123	.0117199	67.64733	2.581537	.1716811	.9210914	351.9998

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.622525	46.74415	.4148129	.0056365	2.580823	.5342702	1.785516
Stddev	.036249	.31842	.0019777	.0001954	.107598	.0059120	.022828
%RSD	.5473636	.6812081	.4767775	3.466171	4.169136	1.106561	1.278496

#1	6.612909	46.69602	.4155540	.0056356	2.592862	.5410921	1.762546
#2	6.662613	47.08390	.4125717	.0058322	2.681895	.5306396	1.808198
#3	6.592054	46.45253	.4163131	.0054415	2.467712	.5310789	1.785805

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.42745	9.464088	.3287788	.0080324	2.642051	3.529894	.1029933
Stddev	.15527	.067277	.0044420	.0003147	.018577	.016078	.0005278
%RSD	.5660980	.7108694	1.351074	3.917552	.7031413	.4554945	.5124249

#1	27.57620	9.430729	.3250838	.0077743	2.627606	3.538522	.1029099
#2	27.43975	9.420008	.3337072	.0079399	2.635539	3.539817	.1025122
#3	27.26640	9.541526	.3275453	.0083829	2.663008	3.511343	.1035578

Sample Name: J4680-10 Acquired: 8/30/2018 18:11:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MCB4A7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.395451	.1744184	.3624529
Stddev	.013351	.0032839	.0022259
%RSD	.2474522	1.882795	.6141064

#1	5.393765	.1716823	.3622000
#2	5.409565	.1780601	.3647944
#3	5.383023	.1735128	.3603644

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2355.512	2662.062	54989.98	6685.944	3022.371
Stddev	9.682	5.564	15.05	34.916	5.437
%RSD	.4110559	.2090047	.0273605	.5222368	.1799025

#1	2365.657	2666.874	54986.56	6649.661	3024.296
#2	2346.371	2663.342	54976.94	6688.861	3026.584
#3	2354.508	2655.970	55006.44	6719.310	3016.233

Sample Name: J4680-11 Acquired: 8/30/2018 18:15:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4A8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0404693	-.013776	1.069409	-.025321	-.003355	124.4029	1.152473
Stddev	.0029196	.001316	.005116	.000728	.001971	.1840	.004174
%RSD	7.214296	9.554965	.4783919	2.876320	58.75041	.1478815	.3621730

#1	.0396727	-.014994	1.073939	-.025938	-.004447	124.4092	1.156558
#2	.0380308	-.013954	1.063860	-.024518	-.001080	124.5837	1.152645
#3	.0437045	-.012379	1.070427	-.025508	-.004538	124.2159	1.148216

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093753	.0059859	12.20124	1.709789	.0998441	.2296887	235.6722
Stddev	.0001213	.0001990	.01495	.002678	.0007828	.0020525	.6666
%RSD	1.293610	3.324479	.1225203	.1566200	.7840712	.8936054	.2828468

#1	.0093717	.0060743	12.21733	1.712797	.1002303	.2318999	236.4166
#2	.0092559	.0057580	12.18778	1.708907	.0989432	.2278445	235.4697
#3	.0094984	.0061254	12.19861	1.707663	.1003588	.2293216	235.1303

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.900554	20.67522	.1908543	.0047134	1.342843	.3493512	.7318567
Stddev	.016428	.01265	.0006645	.0003097	.063506	.0044939	.0307023
%RSD	.4211595	.0611713	.3481621	6.569736	4.729223	1.286349	4.195119

#1	3.919006	20.66777	.1915006	.0050681	1.408460	.3544792	.7181294
#2	3.895137	20.68982	.1901730	.0045755	1.281682	.3461001	.7670276
#3	3.887519	20.66807	.1908894	.0044966	1.338388	.3474741	.7104131

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.103127	9.374128	.2091291	.0071986	.7791072	2.648505	.0197724
Stddev	.065724	.016514	.0018500	.0002999	.0059827	.018606	.0015988
%RSD	.7219979	.1761666	.8846096	4.166238	.7678964	.7024912	8.085964

#1	9.118739	9.355384	.2080564	.0074943	.7746350	2.658904	.0205384
#2	9.031002	9.380466	.2112652	.0072070	.7767833	2.627025	.0179347
#3	9.159640	9.386534	.2080656	.0068946	.7859032	2.659586	.0208441

Sample Name: J4680-11 Acquired: 8/30/2018 18:15:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MCB4A8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.952157	.0928899	.1061775
Stddev	.001359	.0005867	.0002156
%RSD	.0696402	.6316390	.2030831

#1	1.951000	.0929067	.1060896
#2	1.953654	.0934680	.1064231
#3	1.951816	.0922949	.1060196

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2492.988	2805.015	57391.65	6896.119	3107.821
Stddev	11.791	3.684	147.98	36.018	7.001
%RSD	.4729822	.1313449	.2578389	.5222952	.2252859

#1	2506.071	2808.031	57545.27	6864.008	3105.792
#2	2489.710	2806.106	57250.05	6935.065	3115.613
#3	2483.182	2800.909	57379.63	6889.285	3102.058

Sample Name: J4680-12 Acquired: 8/30/2018 18:19:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4A9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0443532	-.014746	.1755494	-.042153	.0047394	184.2395	.9119308
Stddev	.0020886	.001956	.0008523	.002650	.0031472	.7852	.0012931
%RSD	4.708933	13.26221	.4855339	6.286664	66.40443	.4261680	.1417986

#1	.0455501	-.012639	.1765117	-.044005	.0018047	183.9348	.9130430
#2	.0419415	-.016503	.1752470	-.039118	.0043506	183.6524	.9105119
#3	.0455679	-.015096	.1748894	-.043337	.0080629	185.1313	.9122375

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114488	.0071140	10.11971	.8049247	.1586135	.1880312	372.9029
Stddev	.0000930	.0001611	.08081	.0036903	.0009110	.0031752	.7262
%RSD	.8127742	2.264673	.7985701	.4584592	.5743863	1.688652	.1947425

#1	.0113446	.0069280	10.14391	.8026100	.1580219	.1915225	373.1373
#2	.0114781	.0072024	10.02957	.8029837	.1581560	.1853160	373.4829
#3	.0115236	.0072114	10.18566	.8091803	.1596626	.1872551	372.0885

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.250783	34.75109	.2790802	.0081520	1.852152	.5891795	.5379199
Stddev	.006612	.14902	.0015714	.0001418	.324833	.0111387	.0149357
%RSD	.1555582	.4288252	.5630450	1.739765	17.53814	1.890552	2.776574

#1	4.243199	34.64868	.2799542	.0081438	2.113254	.5825144	.5448525
#2	4.253814	34.92205	.2772661	.0082977	1.954809	.5829855	.5481295
#3	4.255337	34.68253	.2800202	.0080144	1.488394	.6020385	.5207777

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.68815	5.497220	.3280532	.0080776	.5894600	2.358749	.0120140
Stddev	.19414	.013192	.0068146	.0003219	.0076423	.022961	.0010417
%RSD	1.097565	.2399801	2.077280	3.985514	1.296499	.9734560	8.670441

#1	17.71783	5.493587	.3232953	.0080525	.5806750	2.380994	.0131884
#2	17.48088	5.486225	.3358599	.0084113	.5931295	2.335133	.0112017
#3	17.86574	5.511848	.3250045	.0077689	.5945756	2.360120	.0116518

Sample Name: J4680-12 Acquired: 8/30/2018 18:19:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4A9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.180975	.1389494	.1022630
Stddev	.021439	.0009520	.0002195
%RSD	.4138022	.6851183	.2146297

#1	5.169530	.1387062	.1024553
#2	5.167687	.1381426	.1023100
#3	5.205707	.1399994	.1020239

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2278.172	2546.187	52039.54	6227.894	3111.407
Stddev	19.077	5.167	244.32	37.952	5.624
%RSD	.8373622	.2029381	.4694936	.6093844	.1807592

#1	2267.068	2550.820	52146.92	6216.574	3108.624
#2	2300.199	2547.126	52211.79	6270.218	3117.880
#3	2267.248	2540.615	51759.92	6196.891	3107.716

Sample Name: J4680-13 Acquired: 8/30/2018 18:23:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4B0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0322183	-.012784	.2789039	-.029688	-.000803	155.8031	1.080777
Stddev	.0047855	.004125	.0025519	.003605	.000166	.3942	.002475
%RSD	14.85334	32.26888	.9149692	12.14381	20.70669	.2530009	.2290403

#1	.0375199	-.009356	.2818195	-.025583	-.000828	156.1884	1.082932
#2	.0309171	-.011634	.2770764	-.031139	-.000954	155.8203	1.081325
#3	.0282180	-.017363	.2778159	-.032342	-.000625	155.4006	1.078073

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107009	.0083164	10.75396	1.546098	.1313993	.1432647	293.7110
Stddev	.0002044	.0000506	.01921	.003961	.0001821	.0007939	.3901
%RSD	1.909940	.6083401	.1786117	.2561652	.1385929	.5541140	.1328311

#1	.0107236	.0083161	10.76410	1.544889	.1311974	.1427643	293.5527
#2	.0108930	.0082660	10.76597	1.550522	.1315512	.1428497	294.1555
#3	.0104861	.0083672	10.73181	1.542883	.1314491	.1441800	293.4250

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.874980	25.97040	.2147623	.0082044	1.451123	.4529275	.5440464
Stddev	.003706	.09172	.0002238	.0002643	.330700	.0091104	.0127795
%RSD	.0760127	.3531602	.1042224	3.221325	22.78924	2.011445	2.348977

#1	4.871360	25.86533	.2145058	.0080548	1.225882	.4617181	.5512193
#2	4.874816	26.03447	.2149177	.0080489	1.830787	.4535365	.5516282
#3	4.878766	26.01139	.2148635	.0085096	1.296699	.4435279	.5292918

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.29052	5.743463	.2646816	.0064305	.7430433	3.213181	.0082994
Stddev	.04677	.023876	.0025433	.0002354	.0144885	.018044	.0010152
%RSD	.4142580	.4157157	.9608946	3.661257	1.949890	.5615496	12.23240

#1	11.32391	5.716178	.2672935	.0063247	.7369946	3.198571	.0083988
#2	11.23706	5.753682	.2622130	.0067003	.7595761	3.233350	.0092613
#3	11.31059	5.760529	.2645382	.0062666	.7325593	3.207621	.0072382

Sample Name: J4680-13 Acquired: 8/30/2018 18:23:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MCB4B0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.025235	.1163453	.0967813
Stddev	.015196	.0004885	.0002244
%RSD	.5023189	.4198841	.2318764

#1	3.042579	.1161226	.0970381
#2	3.014255	.1169054	.0966831
#3	3.018872	.1160077	.0966227

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2457.400	2792.518	56909.04	6868.160	3142.985
Stddev	5.965	1.058	91.74	21.438	3.642
%RSD	.2427456	.0378858	.1612047	.3121371	.1158890

#1	2462.355	2793.381	57013.71	6892.455	3147.081
#2	2459.066	2792.834	56842.60	6851.898	3141.759
#3	2450.779	2791.337	56870.81	6860.128	3140.113

Sample Name: J4680-14 Acquired: 8/30/2018 18:27:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4B2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0797123	-.013352	1.652649	-.038661	-.001790	156.0436	1.441707
Stddev	.0022000	.002119	.007177	.003208	.002110	.4167	.001644
%RSD	2.759955	15.86951	.4342649	8.296788	117.8365	.2670430	.1140402

#1	.0821032	-.013817	1.653523	-.036755	-.000654	156.3702	1.442404
#2	.0777733	-.015200	1.645075	-.042364	-.004225	155.5743	1.439829
#3	.0792604	-.011040	1.659349	-.036864	-.000492	156.1864	1.442887

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0122257	.0122029	48.00971	2.114340	.1757188	.4263373	325.4841
Stddev	.0000730	.0002129	.18363	.000129	.0012256	.0065622	1.2820
%RSD	.5968644	1.744400	.3824874	.0060842	.6975013	1.539206	.3938730

#1	.0121448	.0123389	48.18787	2.114380	.1750019	.4288887	326.5387
#2	.0122458	.0123123	47.82106	2.114197	.1750205	.4188825	324.0572
#3	.0122865	.0119576	48.02022	2.114444	.1771340	.4312405	325.8565

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.166319	48.61646	.3591943	.0054493	2.103778	.4774225	1.653028
Stddev	.022427	.19484	.0016803	.0005045	.332889	.0061579	.025098
%RSD	.3129445	.4007632	.4678006	9.257979	15.82338	1.289815	1.518278

#1	7.182166	48.58932	.3593513	.0053599	2.379477	.4831991	1.624371
#2	7.140658	48.43661	.3574410	.0059926	1.733964	.4709436	1.671095
#3	7.176132	48.82344	.3607906	.0049956	2.197892	.4781247	1.663618

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.29159	9.893093	.2943874	.0076397	3.921876	3.238487	.0737295
Stddev	.03833	.077270	.0013663	.0004113	.026739	.021405	.0006970
%RSD	.2352978	.7810529	.4641316	5.383534	.6818017	.6609717	.9453969

#1	16.32584	9.858843	.2938016	.0074853	3.935746	3.253350	.0734351
#2	16.29875	9.838867	.2934116	.0073280	3.891051	3.248158	.0732279
#3	16.25018	9.981568	.2959490	.0081059	3.938831	3.213952	.0745254

Sample Name: J4680-14 Acquired: 8/30/2018 18:27:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MCB4B2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.094664	.1821234	.2066546
Stddev	.005372	.0006421	.0007091
%RSD	.1736008	.3525409	.3431342

#1	3.093600	.1816457	.2073812
#2	3.100488	.1818711	.2059644
#3	3.089903	.1828532	.2066182

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2446.968	2751.932	56542.39	6827.070	3058.869
Stddev	12.615	10.964	153.91	48.727	13.219
%RSD	.5155258	.3984079	.2722069	.7137355	.4321571

#1	2432.414	2757.645	56390.01	6791.841	3064.798
#2	2454.772	2758.859	56539.36	6882.679	3068.086
#3	2453.717	2739.291	56697.79	6806.691	3043.723

Sample Name: J4680-15 Acquired: 8/30/2018 18:31:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4B3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0764849	-.015139	1.684568	-.040724	-.000057	154.3039	1.443859
Stddev	.0017871	.004249	.007678	.005458	.000989	.2367	.002986
%RSD	2.336502	28.06681	.4557902	13.40233	1737.045	.1534114	.2068411

#1	.0782435	-.019865	1.680693	-.045392	-.001035	154.0373	1.441171
#2	.0765404	-.011634	1.679599	-.042056	-.000079	154.3851	1.447074
#3	.0746707	-.013919	1.693411	-.034723	.000943	154.4894	1.443332

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124193	.0122557	47.74460	2.100880	.1757057	.4233200	324.6207
Stddev	.0001015	.0002245	.11067	.000578	.0011366	.0026049	.6956
%RSD	.8171133	1.831563	.2317917	.0274935	.6468971	.6153604	.2142835

#1	.0124536	.0124485	47.62425	2.101505	.1750449	.4261373	324.5072
#2	.0124992	.0123094	47.84199	2.100770	.1750541	.4209987	323.9888
#3	.0123051	.0120093	47.76754	2.100365	.1770182	.4228239	325.3661

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.221832	48.51450	.3515045	.0049323	2.190024	.4702764	1.645497
Stddev	.020857	.12104	.0011820	.0004436	.110047	.0044373	.015022
%RSD	.2888087	.2494981	.3362806	8.993764	5.024928	.9435515	.9129204

#1	7.204578	48.41442	.3504117	.0053460	2.080588	.4745567	1.662816
#2	7.215908	48.48003	.3513427	.0044639	2.300672	.4705752	1.637669
#3	7.245011	48.64903	.3527591	.0049870	2.188813	.4656972	1.636005

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.24095	9.995234	.2958686	.0074830	3.929280	2.630148	.0778138
Stddev	.09338	.022134	.0032964	.0003827	.005037	.001831	.0012418
%RSD	.5749825	.2214480	1.114148	5.114195	.1281882	.0696308	1.595841

#1	16.13803	10.01162	.2927832	.0073973	3.924630	2.629970	.0768889
#2	16.32026	9.97005	.2954809	.0079012	3.934630	2.632062	.0792251
#3	16.26457	10.00403	.2993418	.0071503	3.928580	2.628412	.0773273

Sample Name: J4680-15 Acquired: 8/30/2018 18:31:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4B3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.042445	.1835610	.2069669
Stddev	.009221	.0017823	.0006454
%RSD	.3030860	.9709688	.3118565

#1	3.033993	.1815236	.2064274
#2	3.041062	.1848318	.2067914
#3	3.052279	.1843275	.2076819

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2476.608	2784.430	57298.11	6914.238	3096.141
Stddev	13.128	5.649	186.72	2.731	9.386
%RSD	.5300884	.2028735	.3258755	.0394971	.3031435

#1	2479.877	2787.392	57477.13	6912.879	3098.275
#2	2462.154	2787.982	57104.54	6917.381	3104.276
#3	2487.792	2777.916	57312.66	6912.453	3085.872

Sample Name: J4680-16 Acquired: 8/30/2018 18:35:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4B4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.025501	-.005539	.0187983	-.003752	-.031965	2.460715	.0360900
Stddev	.001478	.002172	.0007602	.001103	.000164	.004018	.0003861
%RSD	5.794547	39.22444	4.044035	29.39942	.5126092	.1633054	1.069898

#1	-.024534	-.006062	.0189384	-.002480	-.032055	2.456874	.0365069
#2	-.024768	-.003152	.0179778	-.004445	-.031776	2.464890	.0357446
#3	-.027202	-.007402	.0194788	-.004330	-.032065	2.460381	.0360185

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008407	-.000279	2.717983	7.377637	.0180621	.0344976	77.05042
Stddev	.0000931	.000034	.018991	.048135	.0002774	.0034343	.08506
%RSD	11.07607	12.12863	.6987203	.6524426	1.535895	9.955109	.1104007

#1	.0009160	-.000279	2.738494	7.390684	.0177751	.0310360	77.14366
#2	.0008696	-.000313	2.701008	7.324324	.0180824	.0379039	77.03054
#3	.0007366	-.000246	2.714447	7.417904	.0183288	.0345529	76.97705

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5747180	1.465508	.0619448	.0012441	-.038637	.0250783	.0868161
Stddev	.0025443	.028076	.0005471	.0001663	.136581	.0080312	.0185453
%RSD	.4426978	1.915790	.8831946	13.36877	353.4955	32.02445	21.36162

#1	.5769424	1.496726	.0617401	.0013104	-.168047	.0333702	.0654985
#2	.5719437	1.457472	.0615295	.0010549	.104133	.0245286	.0992353
#3	.5752677	1.442326	.0625647	.0013671	-.051998	.0173361	.0957144

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.117468	.2041302	.0604053	.0028213	.2179037	.8192029	-.004435
Stddev	.039205	.0011203	.0007285	.0001122	.0049868	.0240688	.000682
%RSD	33.37501	.5488109	1.206043	3.976830	2.288538	2.938071	15.37275

#1	-.145337	.2035204	.0611591	.0028612	.2126718	.8416593	-.003658
#2	-.072638	.2054231	.0603517	.0026946	.2184366	.8221553	-.004714
#3	-.134428	.2034471	.0597050	.0029081	.2226026	.7937941	-.004933

Sample Name: J4680-16 Acquired: 8/30/2018 18:35:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4B4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0985319	-.010230	.0096490
Stddev	.0021581	.001310	.0001264
%RSD	2.190273	12.80738	1.310146

#1	.0988176	-.009464	.0097257
#2	.0962451	-.011743	.0097184
#3	.1005329	-.009482	.0095031

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2037.304	2275.596	47454.83	5632.442	3212.090
Stddev	3.444	5.504	124.35	5.067	7.516
%RSD	.1690561	.2418918	.2620291	.0899535	.2339860

#1	2036.375	2280.770	47456.93	5628.325	3220.510
#2	2041.117	2276.207	47578.11	5638.100	3209.704
#3	2034.419	2269.812	47329.45	5630.900	3206.058

Sample Name: CCV013 Acquired: 8/30/2018 18:39:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV013 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.873809	4.761077	24.08031	4.582921	4.852619	404.3996
Stddev	.029326	.043330	.14601	.020405	.034224	1.5436
%RSD	.6017040	.9100856	.6063361	.4452384	.7052639	.3817139

#1	4.867253	4.725727	24.03767	4.571442	4.850130	405.3735
#2	4.848316	4.748089	23.96037	4.570842	4.819708	402.6198
#3	4.905858	4.809416	24.24289	4.606480	4.888019	405.2054

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.780008	.4679213	2.340142	F 471.6784	14.53392	2.364074
Stddev	.011119	.0014391	.015989	.5208	.03579	.015519
%RSD	.1136944	.3075537	.6832310	.1104137	.2462489	.6564567

#1	9.790359	.4672199	2.334838	471.2806	14.56342	2.360204
#2	9.768254	.4669673	2.327478	472.2679	14.54422	2.350855
#3	9.781410	.4695766	2.358108	471.4868	14.49410	2.381161

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.74031	393.1158	14.23338	384.6809	2.442591	1.186556
Stddev	.01896	1.6119	.05781	1.8817	.018322	.002221
%RSD	.1286437	.4100213	.4061868	.4891496	.7501178	.1871771

#1	14.75421	392.7037	14.20693	384.4954	2.435967	1.187850
#2	14.74802	394.8937	14.29969	386.6485	2.428502	1.183992
#3	14.71871	391.7499	14.19352	382.8989	2.463304	1.187827

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	399.0663	2.475476	13.92455	154.0001	F 5.739355	4.759942
Stddev	1.8623	.021215	.05675	.3280	.053809	.017620
%RSD	.4666740	.8569897	.4075494	.2129966	.9375440	.3701771

#1	400.0066	2.491288	13.98777	154.1812	5.720683	4.746732
#2	396.9213	2.451367	13.90787	153.6215	5.697369	4.753147
#3	400.2711	2.483774	13.87801	154.1976	5.800012	4.779948

Sample Name: CCV013 Acquired: 8/30/2018 18:39:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV013 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.714281	5.046255	4.575841	4.903104	4.930663	4.962599
Stddev	.027559	.029019	.015278	.029642	.018170	.013661
%RSD	.5845809	.5750544	.3338903	.6045601	.3685015	.2752722

#1	4.701874	5.025202	4.560782	4.899115	4.941753	4.969400
#2	4.695106	5.034205	4.575412	4.875658	4.909694	4.946873
#3	4.745862	5.079357	4.591330	4.934539	4.940542	4.971524

Elem	Sr4077
Units	ppm
Avg	4.852076
Stddev	.007461
%RSD	.1537692

#1	4.858127
#2	4.843740
#3	4.854360

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1752.081	1933.356	42032.37	5188.419	2576.458
Stddev	7.840	11.045	205.10	9.439	16.095
%RSD	.4474592	.5712970	.4879466	.1819247	.6247119

#1	1743.175	1933.926	41798.85	5191.722	2578.485
#2	1755.132	1944.106	42115.01	5177.772	2591.444
#3	1757.937	1922.037	42183.26	5195.763	2559.445

Sample Name: CCB013 Acquired: 8/30/2018 18:43:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB013 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000484	-.001372	.0001711	-.001035	-.002392	.0082571	-.000932
Stddev	.002624	.002123	.0015121	.002111	.001211	.0046210	.000275
%RSD	542.4765	154.7120	883.5762	204.0593	50.64404	55.96368	29.51214

#1	-.002959	.000186	.0006005	-.000574	-.001868	.0130095	-.000716
#2	.002266	-.000512	-.001509	.000808	-.003777	.0079820	-.000837
#3	-.000758	-.003790	.001422	-.003338	-.001531	.0037798	-.001242

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000964	-.000027	-.015100	.0001210	.0002890	.0000673	-.001027
Stddev	.0000997	.000019	.012130	.0005007	.0001900	.0030868	.010230
%RSD	103.5031	72.91585	80.32932	413.7465	65.75658	4584.874	996.5711

#1	.0001967	-.000020	-.017821	-.000399	.0004981	.0020321	-.002363
#2	-.000003	-.000011	-.001841	.000162	.0002421	.0016604	-.010522
#3	.000095	-.000049	-.025639	.000600	.0001268	-.003490	.009806

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016434	-.007664	.0001667	.0009953	-.110622	-.004347	.0059293
Stddev	.0022766	.005137	.0001093	.0005515	.112248	.005008	.0028074
%RSD	138.5266	67.03444	65.59411	55.41584	101.4700	115.1939	47.34792

#1	-.000892	-.001743	.0001500	.0015234	-.229343	.001297	.0076147
#2	.002311	-.010311	.0000666	.0010394	-.096303	-.008257	.0074849
#3	.003511	-.010937	.0002833	.0004230	-.006221	-.006082	.0026885

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0646831	-.010227	-.009173	-.000086	-.040100	-.011094	-.005514
Stddev	.0195501	.001006	.000913	.000106	.001777	.001070	.000895
%RSD	30.22437	9.834467	9.949451	123.0357	4.431269	9.643066	16.23441

#1	.0678807	-.009215	-.008143	.000016	-.041099	-.010850	-.006448
#2	.0824372	-.010240	-.009492	-.000078	-.038048	-.012264	-.004664
#3	.0437314	-.011226	-.009883	-.000195	-.041152	-.010167	-.005429

Sample Name: CCB013 Acquired: 8/30/2018 18:43:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v640) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB013 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000979	-.005637	.0000219
Stddev	.000702	.000820	.0001027
%RSD	71.72202	14.55300	468.6922

#1	-.001182	-.005070	-.000097
#2	-.001558	-.005264	.000081
#3	-.000198	-.006578	.000081

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2005.725	2264.873	45688.70	5401.333	3184.174
Stddev	4.173	4.893	34.62	25.898	7.329
%RSD	.2080435	.2160335	.0757755	.4794774	.2301815

#1	2004.148	2270.520	45648.91	5419.150	3189.829
#2	2002.570	2262.200	45705.28	5413.225	3186.799
#3	2010.456	2261.899	45711.92	5371.625	3175.893