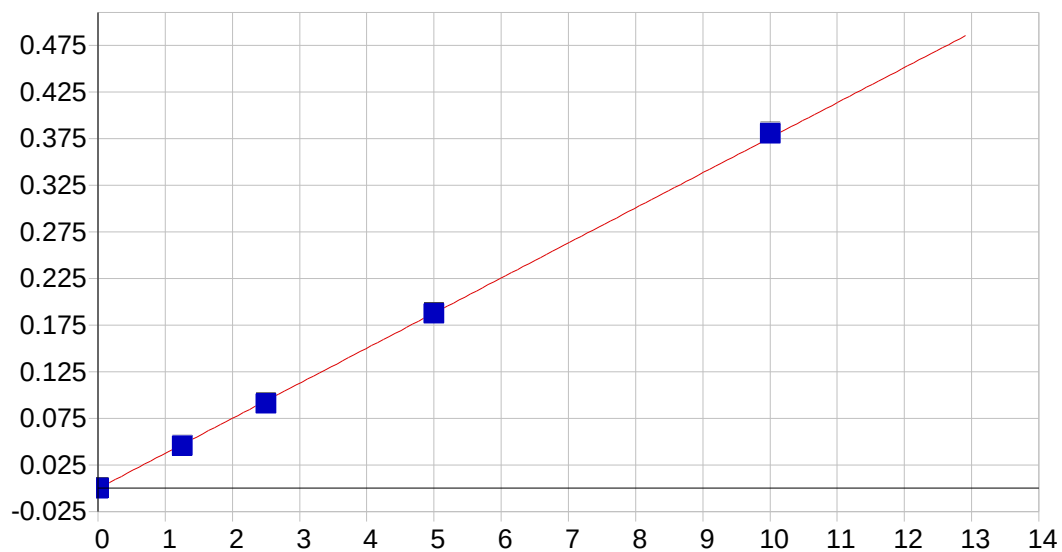


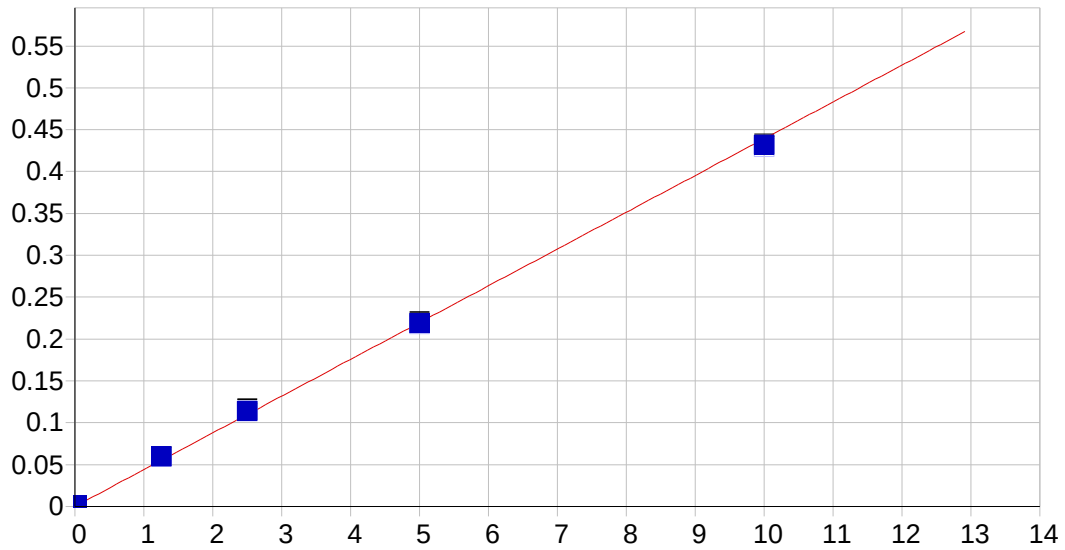


As 189.042 {479}

Date of Fit: 4/20/2018 12:22:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000140 Re-Slope: 1.000000
 A1 (Gain): 0.037590 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999874 Status: OK.
 Std Error of Est: 0.000010
 Predicted MDL: 0.003657
 Predicted MQL: 0.012190

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00014	.000	1
S1	.01000	.01127	.001	12.7	.00028	.000	1
S2	1.2500	1.2207	-.029	-2.34	.04586	.000	1
S3	2.5000	2.4202	-.080	-3.19	.09106	.000	1
S4	5.0000	4.9918	-.008	-.164	.18794	.000	1
S5	10.000	10.116	.116	1.16	.38101	.001	1

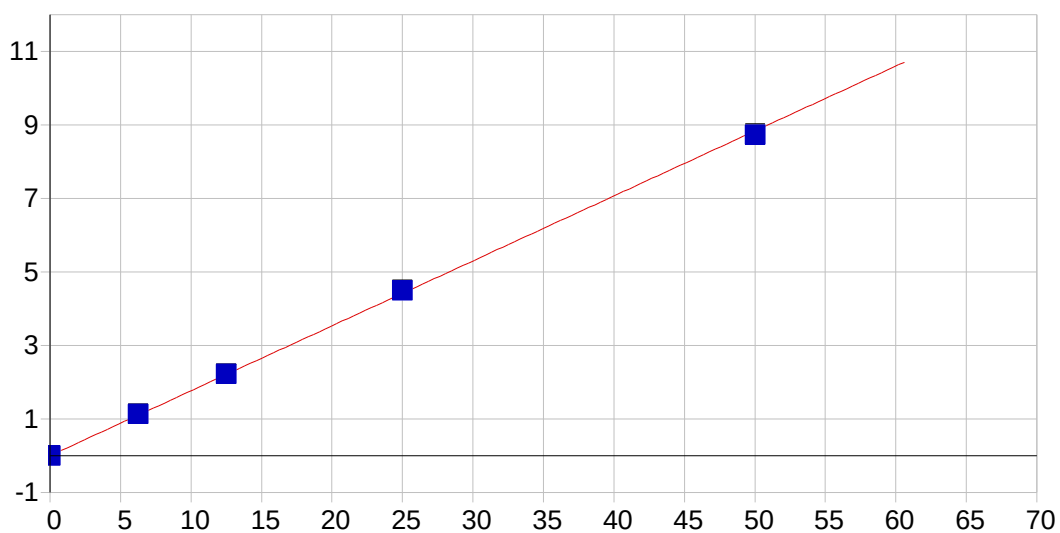


TI 190.856 {477}

Date of Fit: 4/20/2018 12:22:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000055 Re-Slope: 1.000000
 A1 (Gain): 0.043919 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999604 Status: OK.
 Std Error of Est: 0.000033
 Predicted MDL: 0.002452
 Predicted MQL: 0.008173

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00006	.000	1
S1	.02500	.02411	-.001	-3.57	.00110	.000	1
S2	1.2500	1.3501	.100	8.01	.05902	.000	1
S3	2.5000	2.5947	.095	3.79	.11335	.002	1
S4	5.0000	4.9780	-.022	-.440	.21736	.002	1
S5	10.000	9.8281	-.172	-1.72	.42904	.002	1

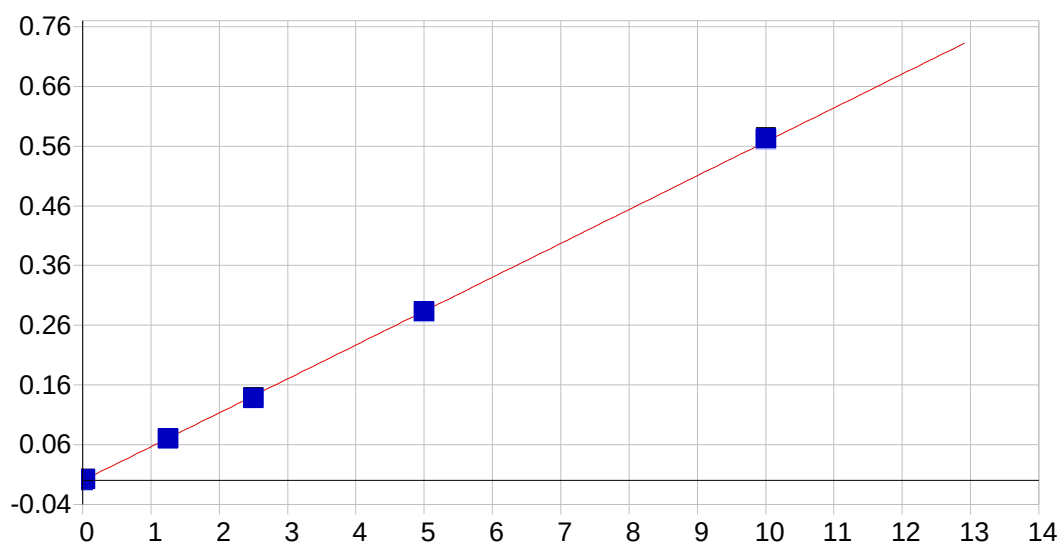


Pb 220.353 {453}

Date of Fit: 4/20/2018 12:22:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000276 Re-Slope: 1.000000
 A1 (Gain): 0.176727 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999901 Status: OK.
 Std Error of Est: 0.000093
 Predicted MDL: 0.001602
 Predicted MQL: 0.005342

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00028	.000	1
S1	.01000	.00832	-.002	-16.8	.00121	.000	1
S2	6.2500	6.3928	.143	2.29	1.1312	.002	1
S3	12.500	12.585	.085	.681	2.2273	.002	1
S4	25.000	25.404	.404	1.62	4.4962	.011	1
S5	50.000	49.370	-.630	-1.26	8.7385	.015	1

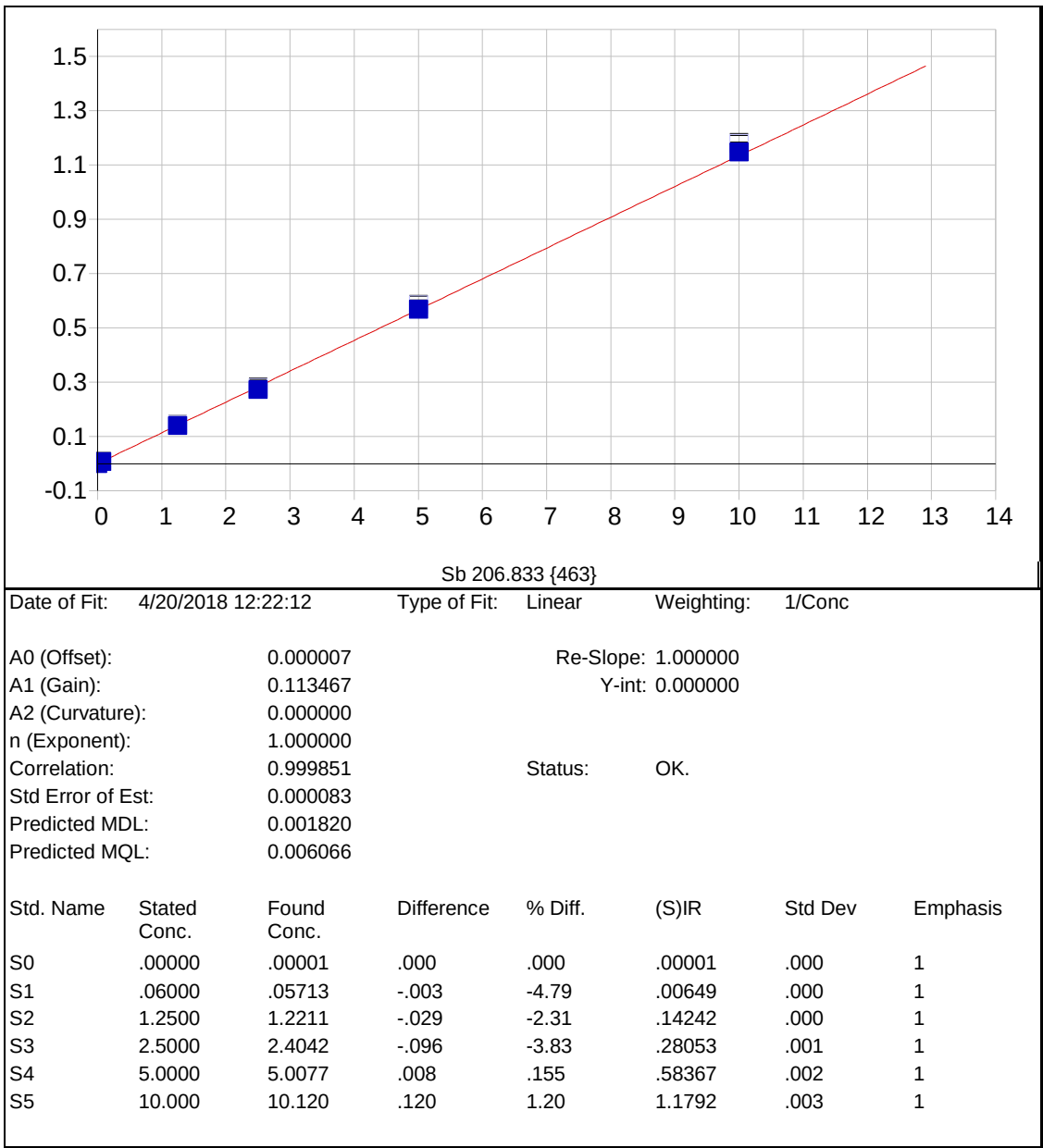


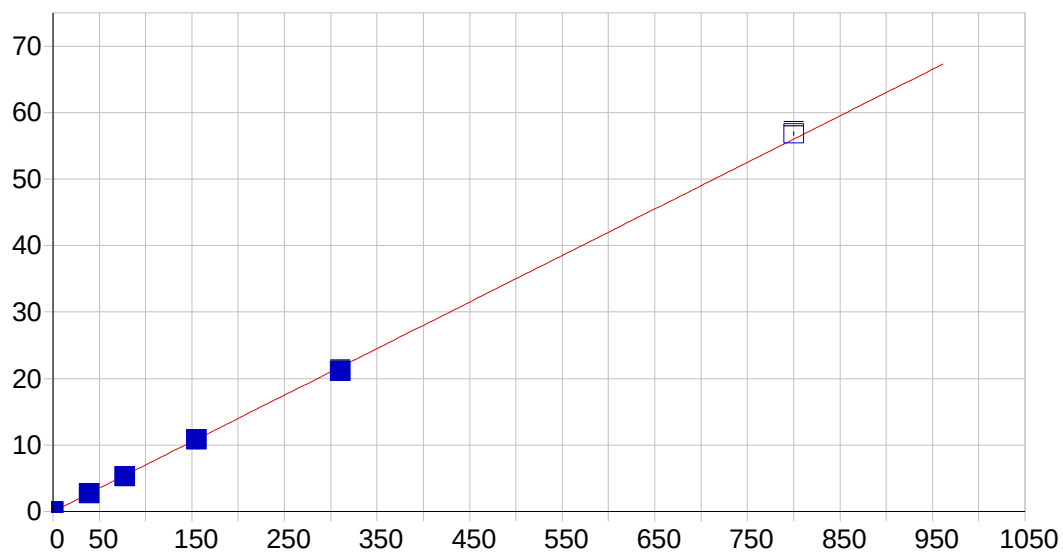
Se 196.090 {472}

Date of Fit: 4/20/2018 12:22:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000024 Re-Slope: 1.000000
 A1 (Gain): 0.056718 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999923 Status: OK.
 Std Error of Est: 0.000022
 Predicted MDL: 0.003283
 Predicted MQL: 0.010943

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00002	.000	1
S1	.03500	.03685	.002	5.30	.00211	.000	1
S2	1.2500	1.2398	-.010	-.818	.07001	.000	1
S3	2.5000	2.4318	-.068	-2.73	.13729	.001	1
S4	5.0000	4.9875	-.012	-.249	.28158	.001	1
S5	10.000	10.089	.089	.890	.56959	.002	1



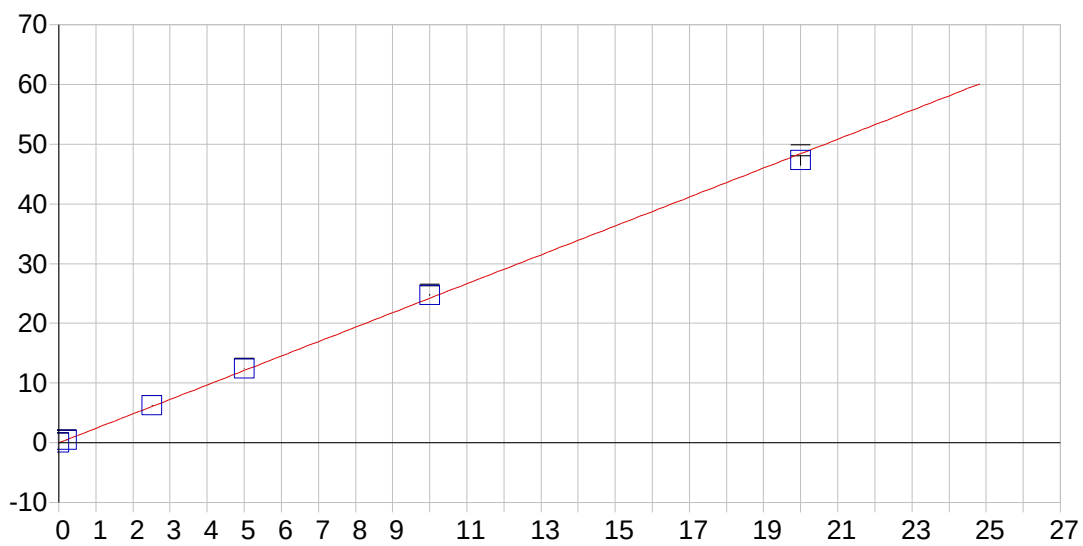


AI 396.152 { 85}

Date of Fit: 4/20/2018 12:22:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001279 Re-Slope: 1.000000
 A1 (Gain): 0.070003 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999821 Status: OK.
 Std Error of Est: 0.000823
 Predicted MDL: 0.014141
 Predicted MQL: 0.047135

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00128	.001	1
S1	.20000	.18653	-.013	-6.73	.01436	.001	1
S2	38.750	38.427	-.323	-.833	2.6938	.012	1
S3	77.500	75.208	-2.29	-2.96	5.2711	.020	1
S4	155.00	153.80	-1.20	-.776	10.778	.071	1
S5	310.00	301.62	-8.38	-2.70	21.136	.141	1
S6	800.00	812.22	12.2	1.53	56.859	.309	1

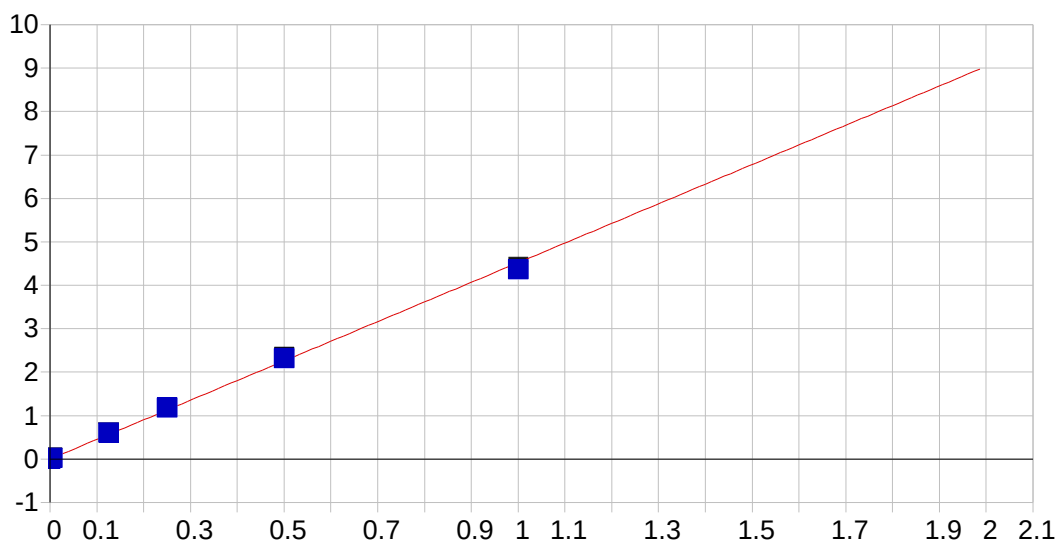


Ba 493.409 { 68}

Date of Fit: 4/20/2018 12:22:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004765 Re-Slope: 1.000000
 A1 (Gain): 2.420603 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999698 Status: OK.
 Std Error of Est: 0.006322
 Predicted MDL: 0.000956
 Predicted MQL: 0.003186

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00480	.002	1
S1	.20000	.20212	.002	1.06	.48449	.001	1
S2	2.5000	2.5917	.092	3.67	6.2688	.007	1
S3	5.0000	5.1362	.136	2.72	12.428	.043	1
S4	10.000	10.228	.228	2.28	24.753	.149	1
S5	20.000	19.542	-.458	-2.29	47.299	.903	1

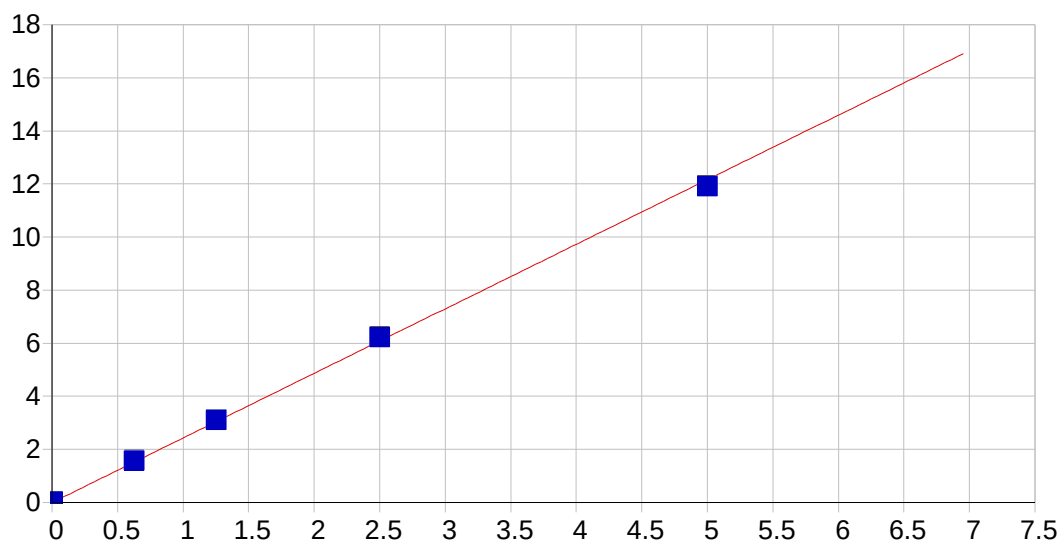


Be 234.861 {144}

Date of Fit: 4/20/2018 12:22:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000706 Re-Slope: 1.000000
 A1 (Gain): 4.520983 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999328 Status: OK.
 Std Error of Est: 0.000620
 Predicted MDL: 0.000090
 Predicted MQL: 0.000300

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00071	.000	1
S1	.00500	.00534	.000	6.75	.02341	.000	1
S2	.12500	.13386	.009	7.09	.60199	.003	1
S3	.25000	.26095	.011	4.38	1.1741	.002	1
S4	.50000	.51249	.012	2.50	2.3064	.025	1
S5	1.0000	.96736	-.033	-3.26	4.3529	.041	1

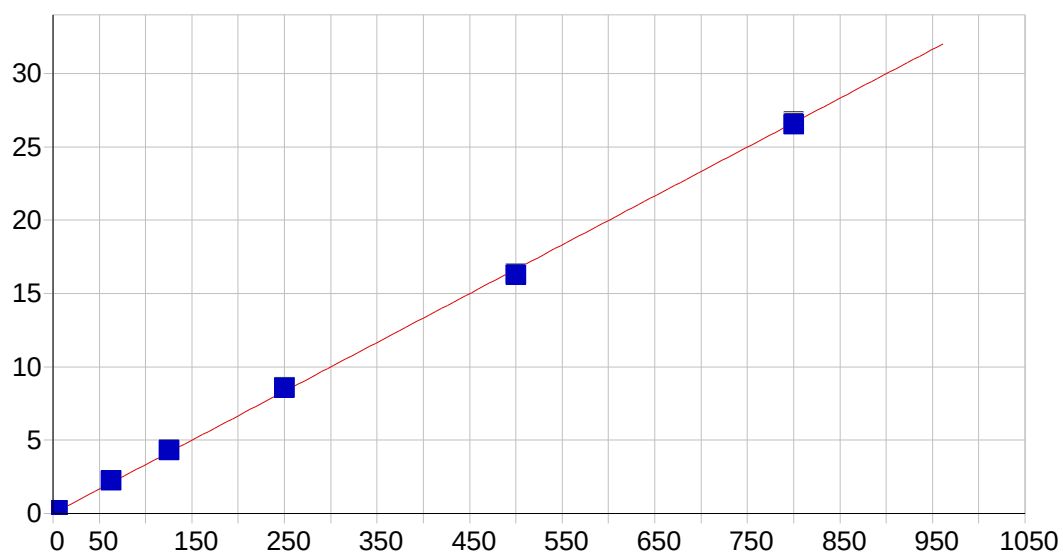


Cd 214.438 {457}

Date of Fit: 4/20/2018 12:22:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000136 Re-Slope: 1.000000
 A1 (Gain): 2.432109 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999730 Status: OK.
 Std Error of Est: 0.000475
 Predicted MDL: 0.000080
 Predicted MQL: 0.000266

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00014	.000	1
S1	.00500	.00494	.000	-1.28	.01215	.000	1
S2	.62500	.64959	.025	3.93	1.5831	.001	1
S3	1.2500	1.2778	.028	2.22	3.1142	.010	1
S4	2.5000	2.5548	.055	2.19	6.2262	.005	1
S5	5.0000	4.8929	-.107	-2.14	11.925	.022	1



Ca 373.690 { 90}

Date of Fit: 4/20/2018 12:22:12

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.002178

Re-Slope: 1.000000

A1 (Gain): 0.033305

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999739

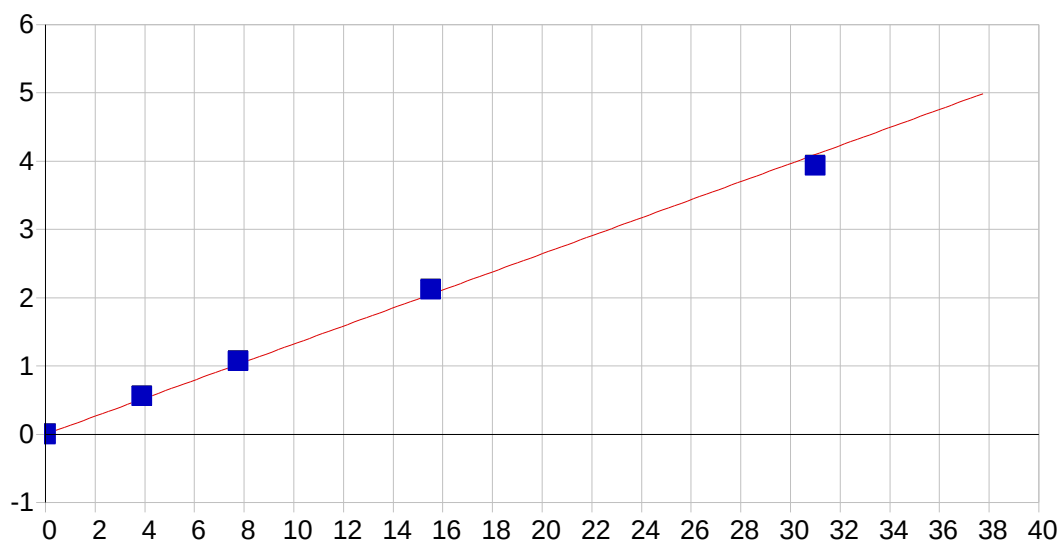
Status: OK.

Std Error of Est: 0.002667

Predicted MDL: 0.021455

Predicted MQL: 0.071516

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00080	-.001	.000	.00215	.000	1
S1	5.0000	5.2927	.293	5.85	.17847	.000	1
S2	62.500	66.797	4.30	6.87	2.2343	.008	1
S3	125.00	129.32	4.32	3.45	4.3239	.003	1
S4	250.00	256.58	6.58	2.63	8.5772	.028	1
S5	500.00	488.57	-11.4	-2.29	16.333	.010	1
S6	800.00	795.96	-4.04	-.505	26.670	.042	1

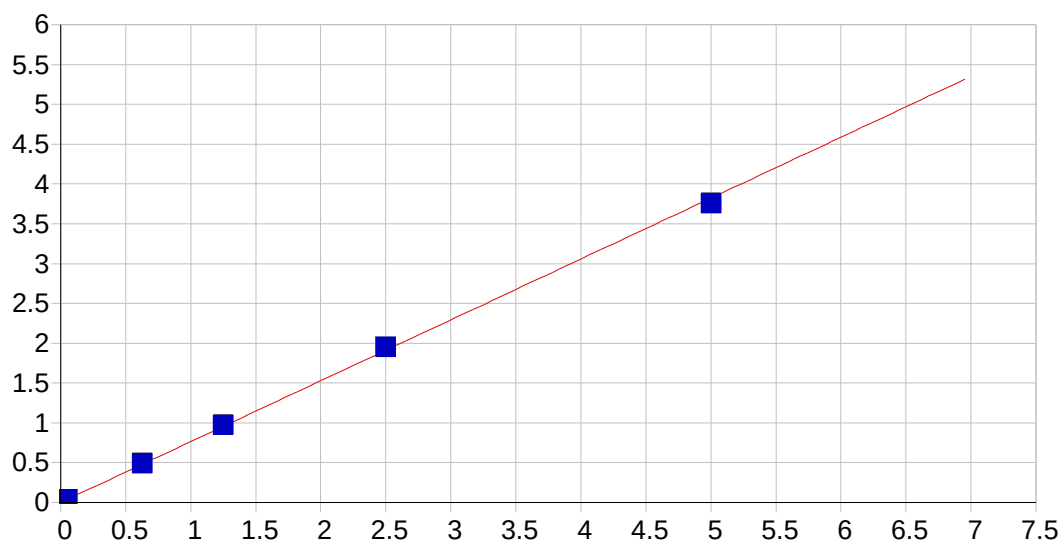


Cr 267.716 {126}

Date of Fit: 4/20/2018 12:22:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000053 Re-Slope: 1.000000
 A1 (Gain): 0.132182 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998989 Status: OK.
 Std Error of Est: 0.000176
 Predicted MDL: 0.000619
 Predicted MQL: 0.002063

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00005	.000	1
S1	.01000	.01115	.001	11.5	.00142	.000	1
S2	3.8750	4.2116	.337	8.69	.55755	.002	1
S3	7.7500	8.1305	.380	4.91	1.0765	.002	1
S4	15.500	16.041	.541	3.49	2.1240	.003	1
S5	31.000	29.740	-1.26	-4.06	3.9383	.003	1

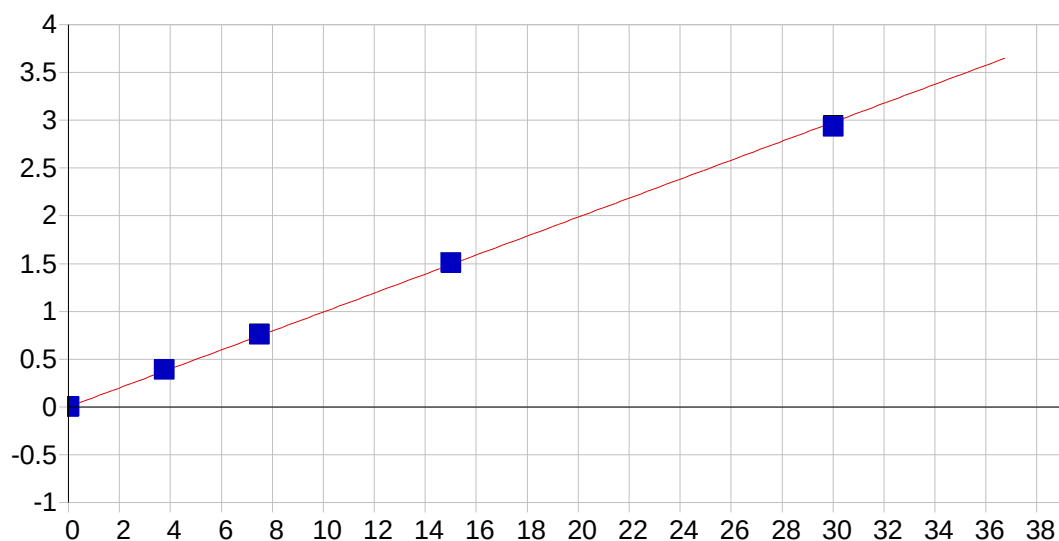


Co 228.616 {448}

Date of Fit: 4/20/2018 12:22:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000100 Re-Slope: 1.000000
 A1 (Gain): 0.764385 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999810 Status: OK.
 Std Error of Est: 0.000397
 Predicted MDL: 0.000257
 Predicted MQL: 0.000857

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00010	.000	1
S1	.05000	.04840	-.002	-3.21	.03723	.000	1
S2	.62500	.64275	.018	2.84	.49236	.001	1
S3	1.2500	1.2703	.020	1.62	.97299	.001	1
S4	2.5000	2.5528	.053	2.11	1.9552	.004	1
S5	5.0000	4.9107	-.089	-1.79	3.7613	.003	1

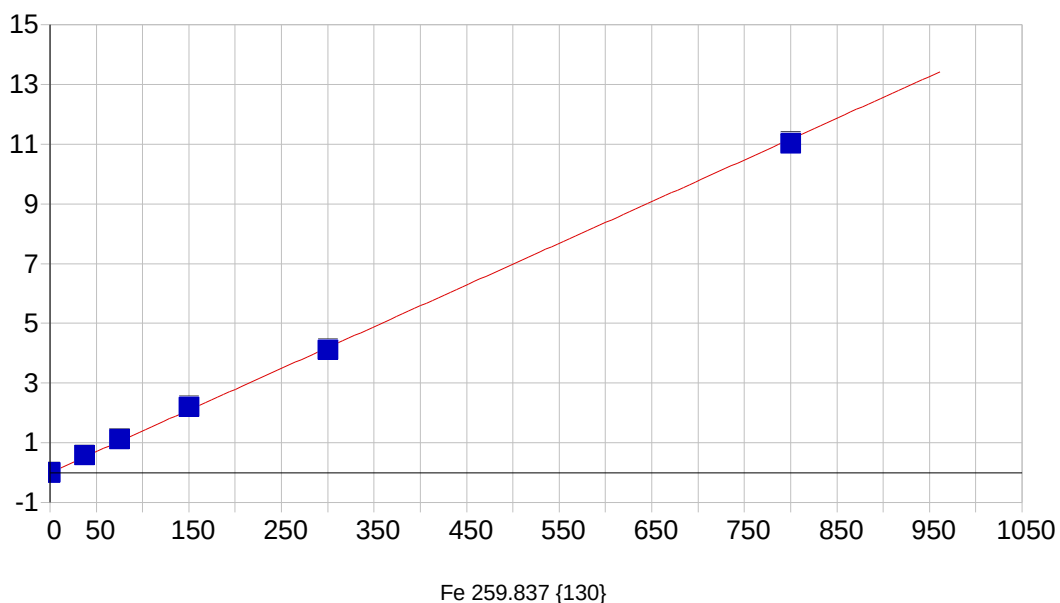


Cu 324.754 {104}

Date of Fit: 4/20/2018 12:22:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000275 Re-Slope: 1.000000
 A1 (Gain): 0.099288 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999834 Status: OK.
 Std Error of Est: 0.000083
 Predicted MDL: 0.004603
 Predicted MQL: 0.015345

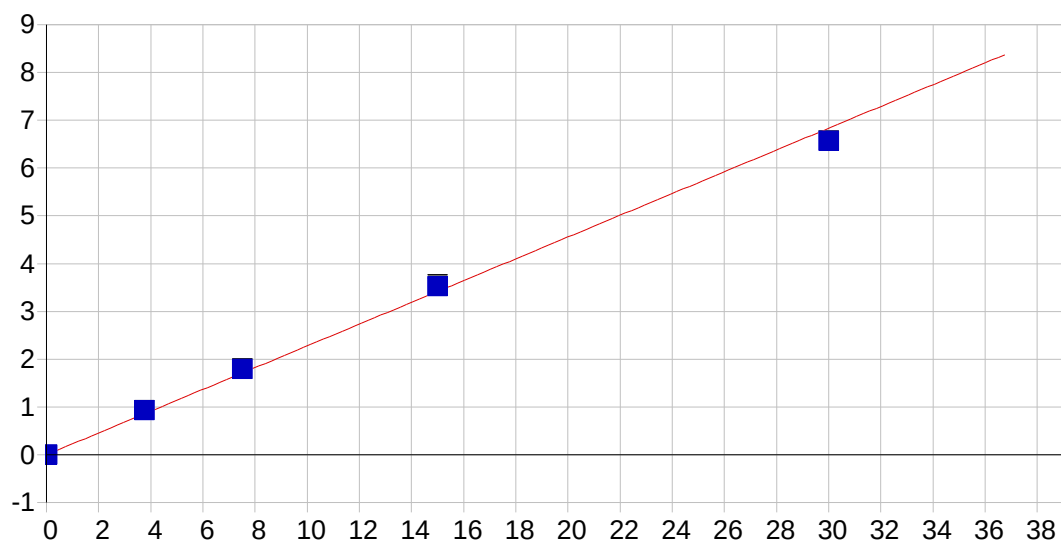
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00027	.001	1
S1	.02500	.02906	.004	16.2	.00315	.000	1
S2	3.7500	3.9000	.150	4.00	.38726	.002	1
S3	7.5000	7.6248	.125	1.66	.75686	.003	1
S4	15.000	15.193	.193	1.29	1.5078	.002	1
S5	30.000	29.528	-.472	-1.57	2.9302	.011	1



Date of Fit: 4/20/2018 12:22:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000127 Re-Slope: 1.000000
 A1 (Gain): 0.013961 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999466 Status: OK.
 Std Error of Est: 0.000200
 Predicted MDL: 0.018266
 Predicted MQL: 0.060886

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	.000	.000	.00013	.000	1
S1	.10000	.11800	.018	18.0	.00180	.000	1
S2	37.500	41.513	4.01	10.7	.58248	.001	1
S3	75.000	80.085	5.09	6.78	1.1238	.001	1
S4	150.00	157.96	7.96	5.30	2.2165	.009	1
S5	300.00	294.11	-5.89	-1.96	4.1286	.010	1
S6	800.00	788.81	-11.2	-1.40	11.063	.028	1

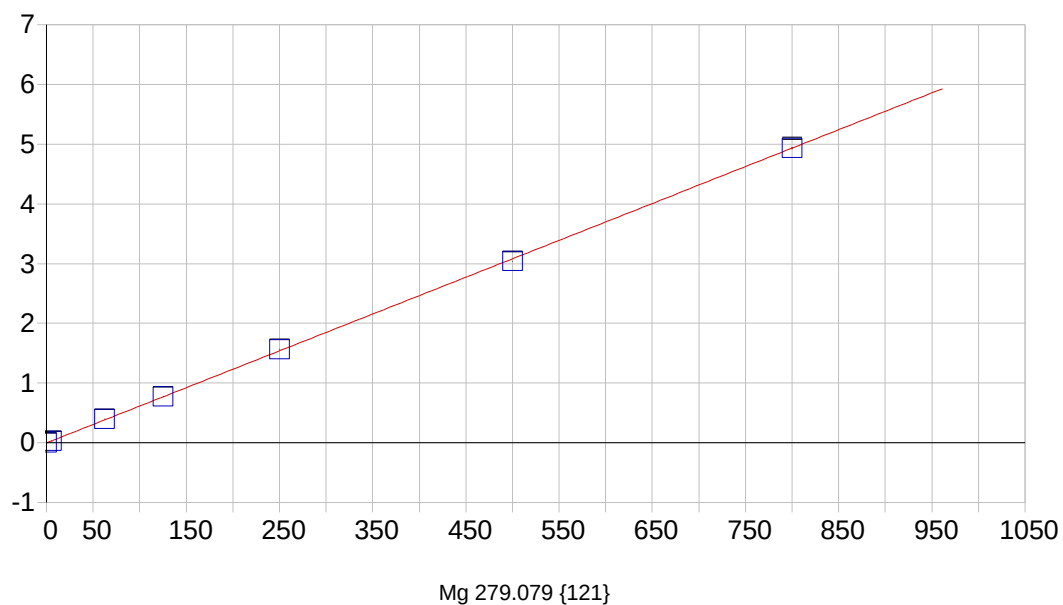


Mn 257.610 {131}

Date of Fit: 4/20/2018 12:22:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000012 Re-Slope: 1.000000
 A1 (Gain): 0.227789 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999061 Status: OK.
 Std Error of Est: 0.000351
 Predicted MDL: 0.001108
 Predicted MQL: 0.003695

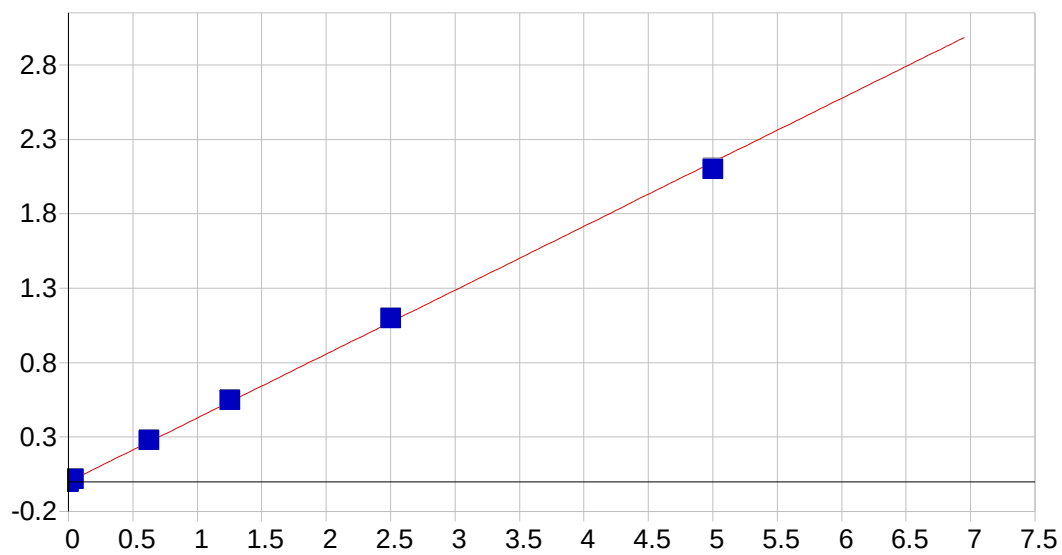
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00001	.000	1
S1	.01500	.01652	.002	10.1	.00378	.000	1
S2	3.7500	4.0601	.310	8.27	.92506	.002	1
S3	7.5000	7.8802	.380	5.07	1.7954	.005	1
S4	15.000	15.478	.478	3.18	3.5264	.036	1
S5	30.000	28.830	-1.17	-3.90	6.5688	.013	1



Date of Fit: 4/20/2018 12:22:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000531 Re-Slope: 1.000000
 A1 (Gain): 0.006165 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999934 Status: OK.
 Std Error of Est: 0.000247
 Predicted MDL: 0.050067
 Predicted MQL: 0.166889

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00020	.000	.000	-.00053	.000	1
S1	5.0000	5.0169	.017	.339	.03040	.000	1
S2	62.500	64.327	1.83	2.92	.39603	.001	1
S3	125.00	125.62	.619	.495	.77388	.003	1
S4	250.00	254.27	4.27	1.71	1.5670	.009	1
S5	500.00	492.91	-7.09	-1.42	3.0382	.003	1
S6	800.00	800.36	.358	.045	4.9335	.015	1

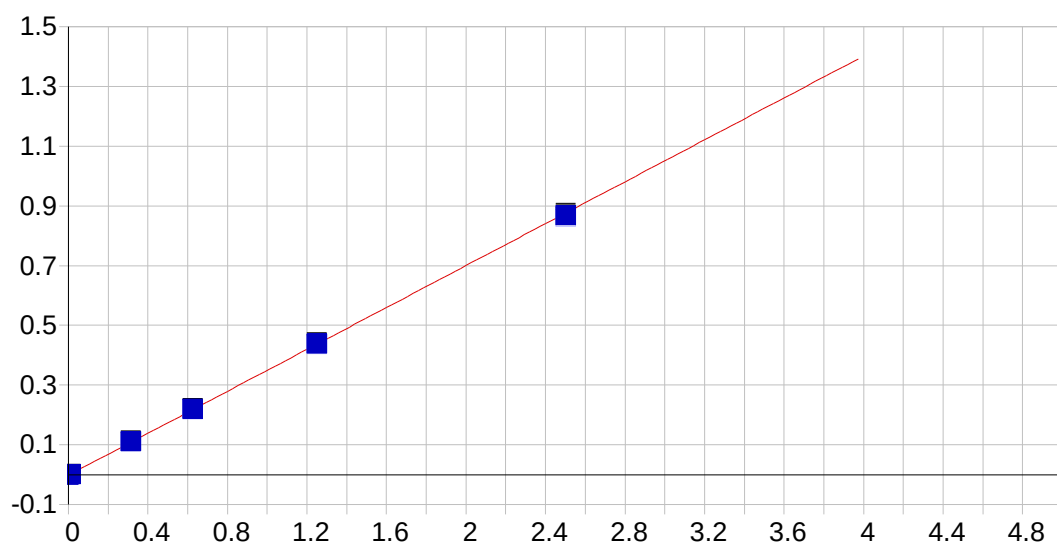


Ni 231.604 {446}

Date of Fit: 4/20/2018 12:22:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000883 Re-Slope: 1.000000
 A1 (Gain): 0.429376 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999742 Status: OK.
 Std Error of Est: 0.000232
 Predicted MDL: 0.000463
 Predicted MQL: 0.001544

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00088	.000	1
S1	.04000	.04060	.001	1.51	.01656	.000	1
S2	.62500	.64831	.023	3.73	.27804	.001	1
S3	1.2500	1.2749	.025	1.99	.54762	.001	1
S4	2.5000	2.5567	.057	2.27	1.0991	.002	1
S5	5.0000	4.8945	-.106	-2.11	2.1051	.002	1

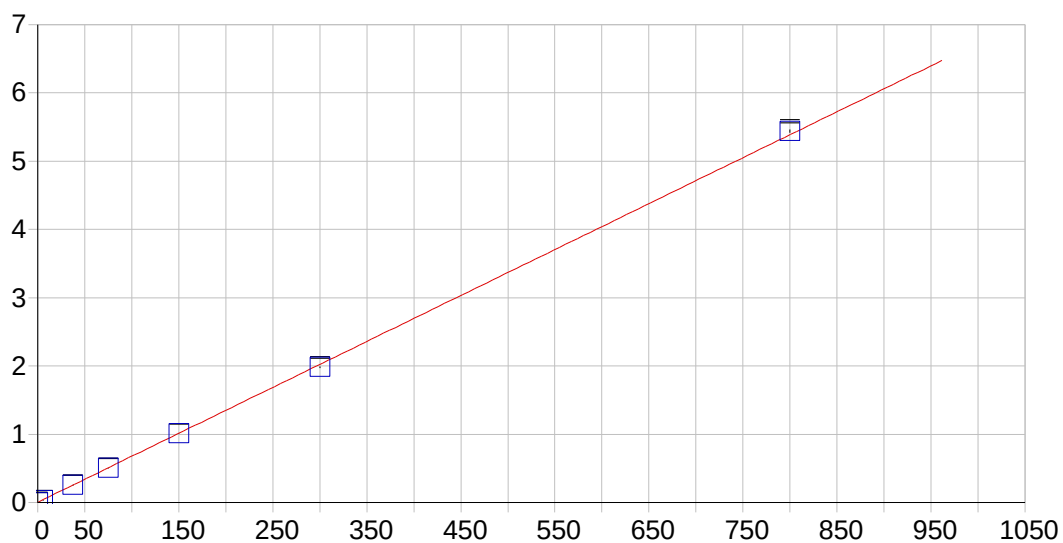


Ag 328.068 {103}

Date of Fit: 4/20/2018 12:22:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001623 Re-Slope: 1.000000
 A1 (Gain): 0.350812 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999939 Status: OK.
 Std Error of Est: 0.000032
 Predicted MDL: 0.000465
 Predicted MQL: 0.001550

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00162	.000	1
S1	.01000	.00990	.000	-.981	.00183	.000	1
S2	.31250	.32179	.009	2.97	.11052	.001	1
S3	.62500	.63153	.007	1.05	.21843	.001	1
S4	1.2500	1.2561	.006	.488	.43604	.003	1
S5	2.5000	2.4782	-.022	-.873	.86177	.007	1



Na 818.326 { 41}

Date of Fit: 4/20/2018 12:22:12

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.003655

Re-Slope: 1.000000

A1 (Gain): 0.006730

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999914

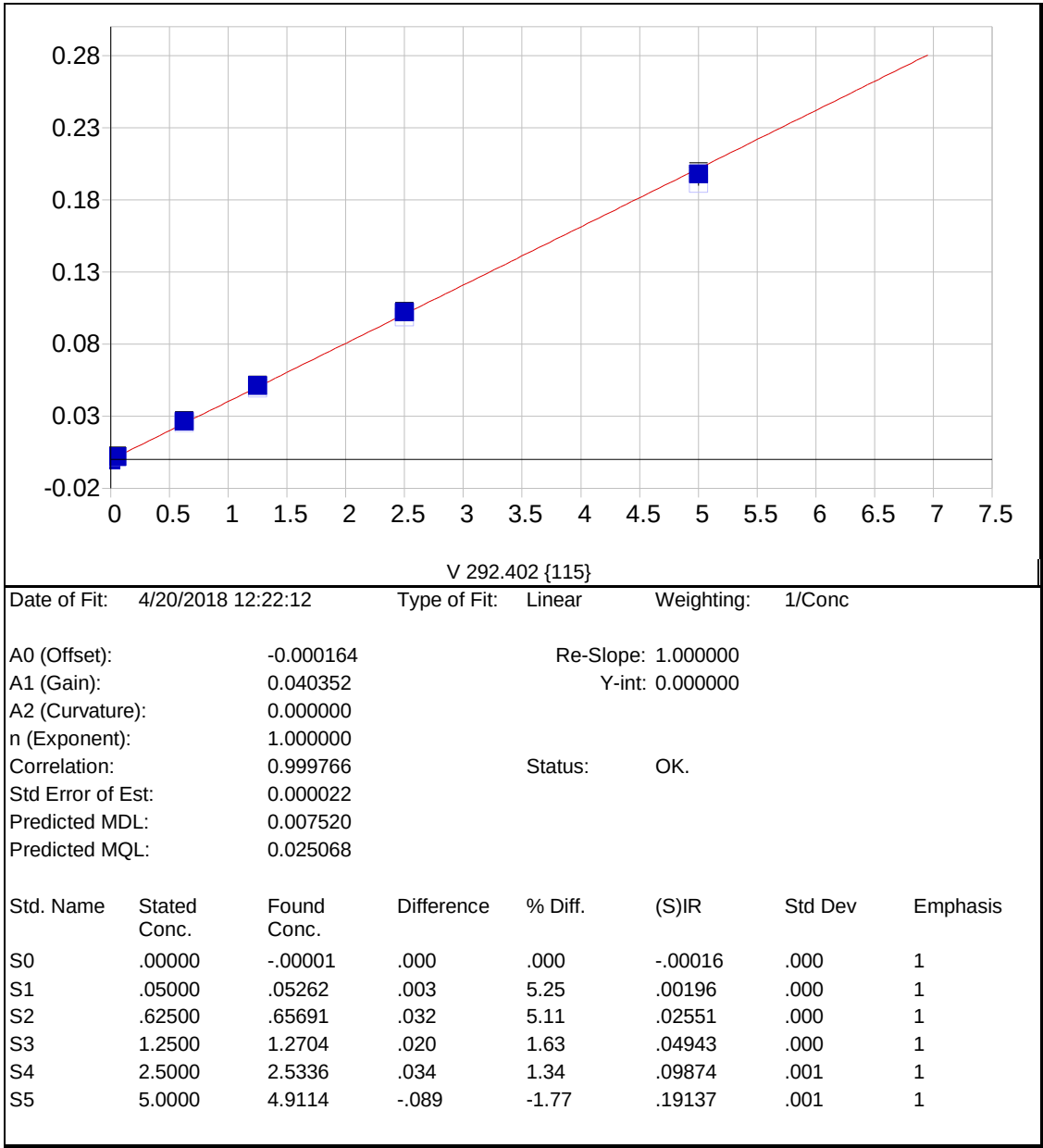
Status: OK.

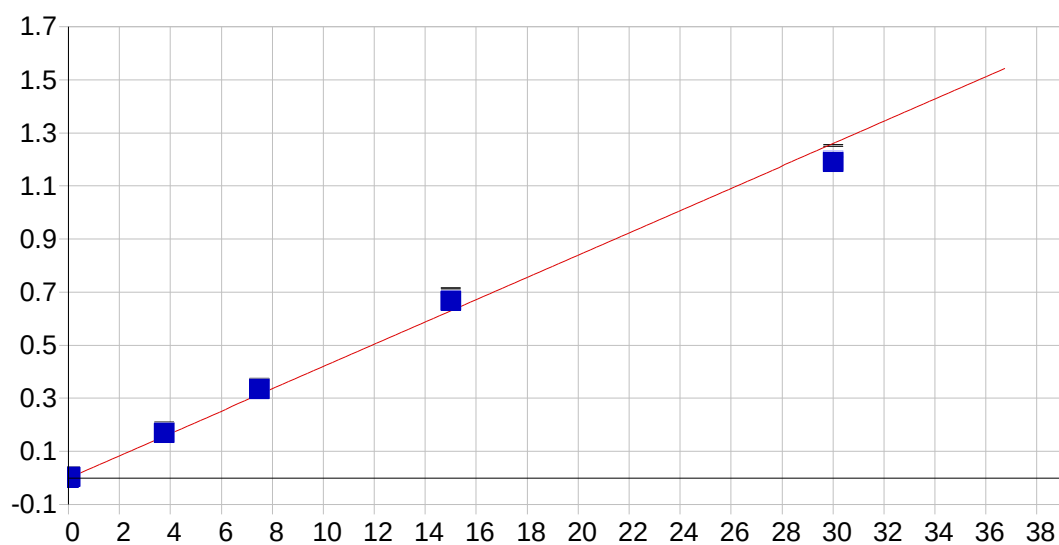
Std Error of Est: 0.000272

Predicted MDL: 0.327670

Predicted MQL: 1.092235

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00041	.000	.000	.00366	.001	1
S1	5.0000	4.7068	-.293	-5.86	.03533	.000	1
S2	37.500	37.645	.145	.387	.25702	.002	1
S3	75.000	74.124	-.876	-1.17	.50254	.003	1
S4	150.00	149.35	-.649	-.433	1.0088	.004	1
S5	300.00	293.84	-6.16	-2.05	1.9813	.009	1
S6	800.00	807.84	7.84	.979	5.4407	.025	1



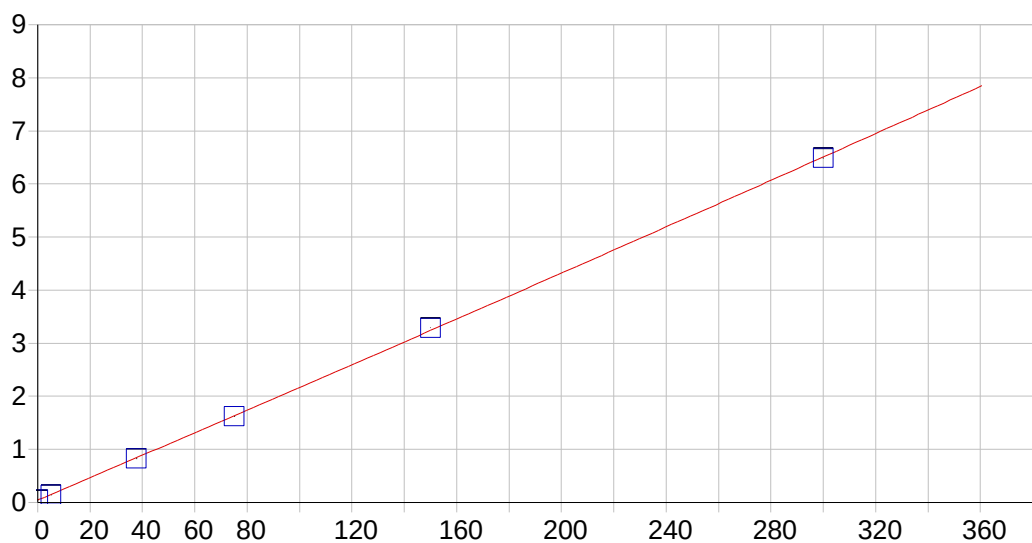


Zn 213.856 {158}

Date of Fit: 4/20/2018 12:22:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000354 Re-Slope: 1.000000
 A1 (Gain): 0.041985 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998312 Status: OK.
 Std Error of Est: 0.000175
 Predicted MDL: 0.010349
 Predicted MQL: 0.034497

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00035	.001	1
S1	.06000	.06501	.005	8.35	.00239	.000	1
S2	3.7500	4.0405	.291	7.75	.17003	.003	1
S3	7.5000	7.9555	.456	6.07	.33514	.003	1
S4	15.000	15.886	.886	5.91	.66960	.009	1
S5	30.000	28.362	-1.64	-5.46	1.1964	.022	1

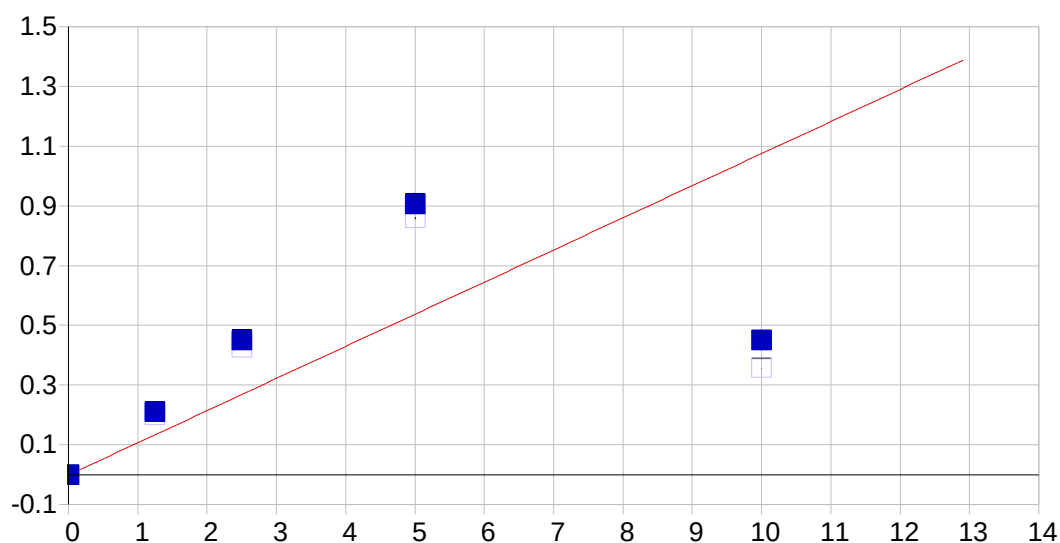


K 769.896 { 44}

Date of Fit: 4/20/2018 12:22:12 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.046986 Re-Slope: 1.000000
 A1 (Gain): 0.021027 Y-int: 0.000000
 A2 (Curvature): 0.000002
 n (Exponent): 1.000000
 Correlation: 0.999916 Status: Warning Positive Curvature
 Std Error of Est: 0.000658
 Predicted MDL: 0.080625
 Predicted MQL: 0.268749

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00051	.001	.000	.04700	.001	1
S1	5.0000	4.5130	-.487	-9.74	.14191	.001	1
S2	37.500	37.131	-.369	-.983	.83008	.001	1
S3	75.000	74.458	-.542	-.723	1.6220	.004	1
S4	150.00	152.37	2.37	1.58	3.2903	.005	1
S5	300.00	299.02	-.976	-.325	6.4863	.009	1

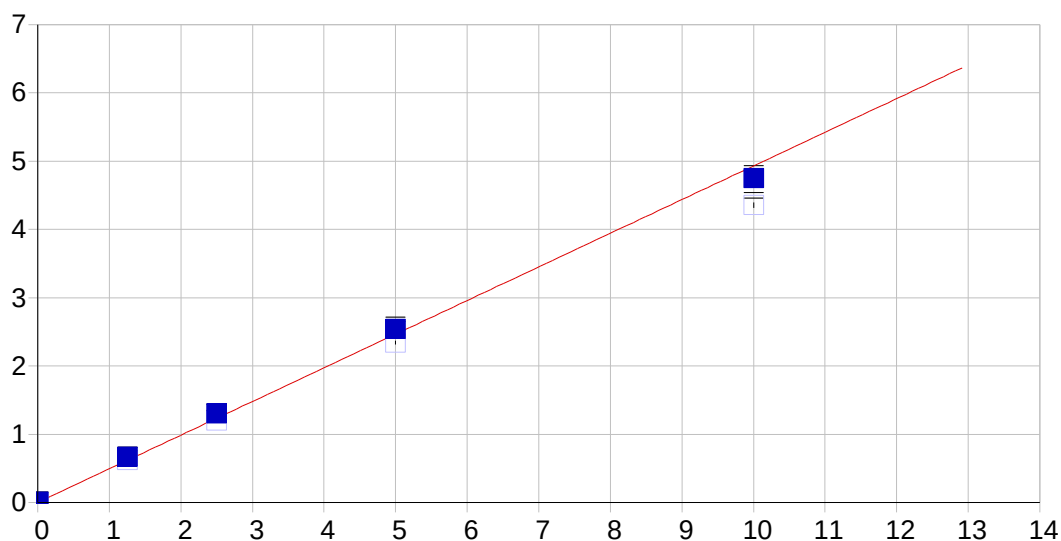


P 177.495 {490}

Date of Fit: 4/20/2018 12:22:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000878 Re-Slope: 1.000000
 A1 (Gain): 0.107583 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.826499 Status: OK.
 Std Error of Est: 0.001123
 Predicted MDL: 0.000784
 Predicted MQL: 0.002614

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00088	.000	1
S1	.01000	.00388	-.006	-61.2	-.00053	.000	1
S2	1.2500	1.9693	.719	57.5	.19939	.000	1
S3	2.5000	4.1825	1.68	67.3	.42589	.004	1
S4	5.0000	8.4181	3.42	68.4	.85838	.004	1
S5	10.000	4.1863	-5.81	-58.1	.35671	.001	1

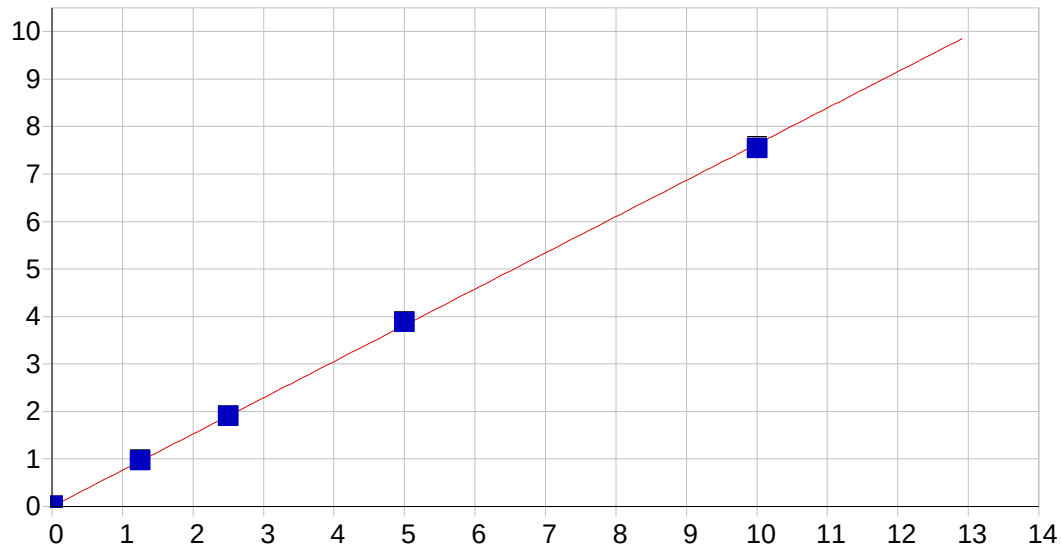


B 249.678 {135}

Date of Fit: 4/20/2018 12:22:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000763 Re-Slope: 1.000000
 A1 (Gain): 0.493010 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998978 Status: OK.
 Std Error of Est: 0.000344
 Predicted MDL: 0.001089
 Predicted MQL: 0.003630

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00076	.001	1
S1	.01000	.01086	.001	8.62	.00602	.000	1
S2	1.2500	1.3454	.095	7.63	.61525	.005	1
S3	2.5000	2.6330	.133	5.32	1.2012	.007	1
S4	5.0000	5.1443	.144	2.89	2.3417	.031	1
S5	10.000	9.6264	-.374	-3.74	4.3562	.040	1

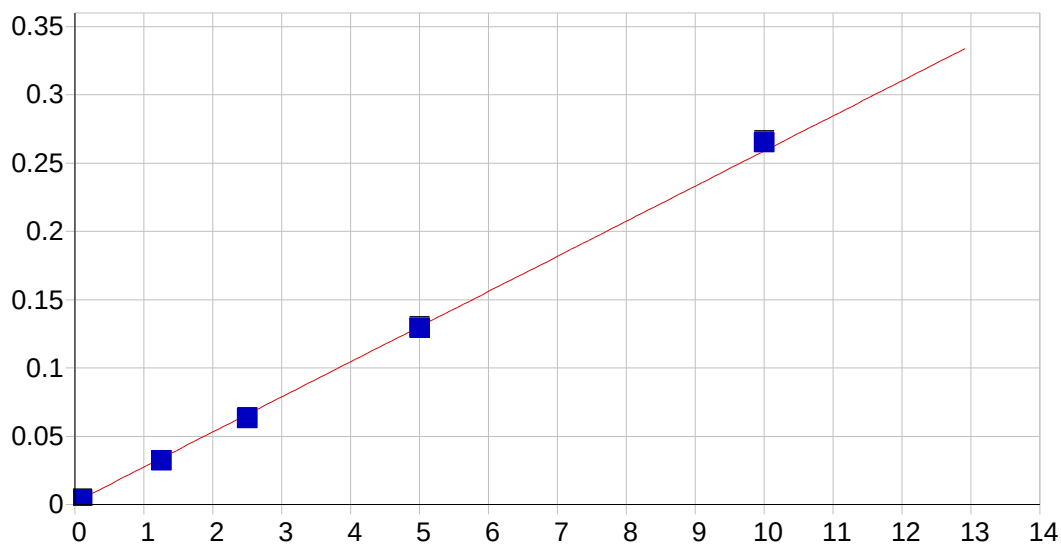


Mo 202.030 {467}

Date of Fit: 4/20/2018 12:22:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000251 Re-Slope: 1.000000
 A1 (Gain): 0.762960 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999912 Status: OK.
 Std Error of Est: 0.000169
 Predicted MDL: 0.000273
 Predicted MQL: 0.000909

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00025	.000	1
S1	.01000	.01021	.000	2.12	.00804	.000	1
S2	1.2500	1.2788	.029	2.31	.97591	.002	1
S3	2.5000	2.4974	-.003	-.102	1.9056	.010	1
S4	5.0000	5.0837	.084	1.67	3.8788	.009	1
S5	10.000	9.8898	-.110	-1.10	7.5454	.030	1



S 182.034 {485}

Date of Fit: 4/20/2018 12:22:12

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001661

Re-Slope: 1.000000

A1 (Gain): 0.025724

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999519

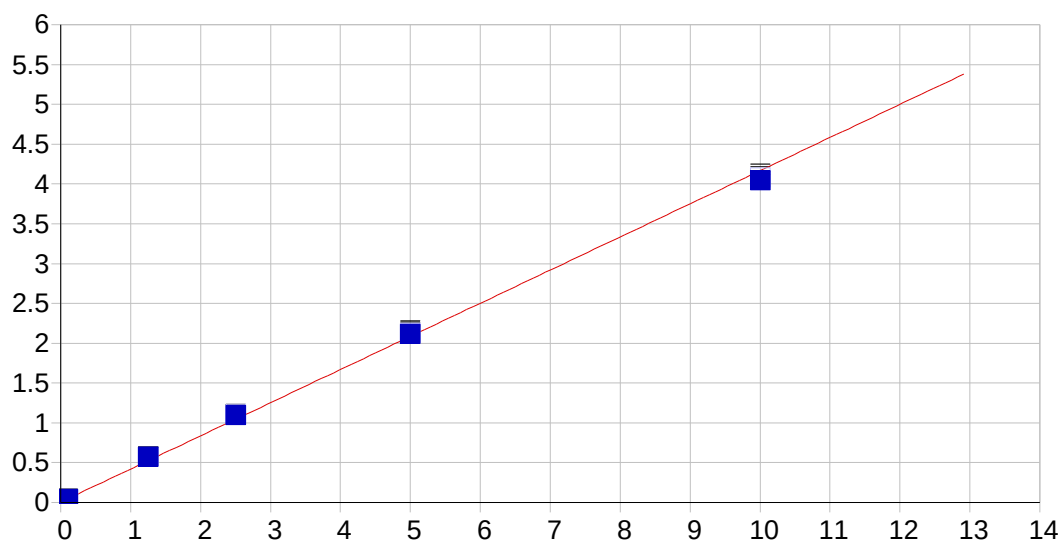
Status: OK.

Std Error of Est: 0.000042

Predicted MDL: 0.004020

Predicted MQL: 0.013401

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00166	.000	1
S1	.10000	.08335	-.017	-16.7	.00380	.000	1
S2	1.2500	1.1820	-.068	-5.44	.03208	.000	1
S3	2.5000	2.3831	-.117	-4.68	.06299	.000	1
S4	5.0000	4.9592	-.041	-.816	.12928	.001	1
S5	10.000	10.242	.242	2.42	.26523	.001	1

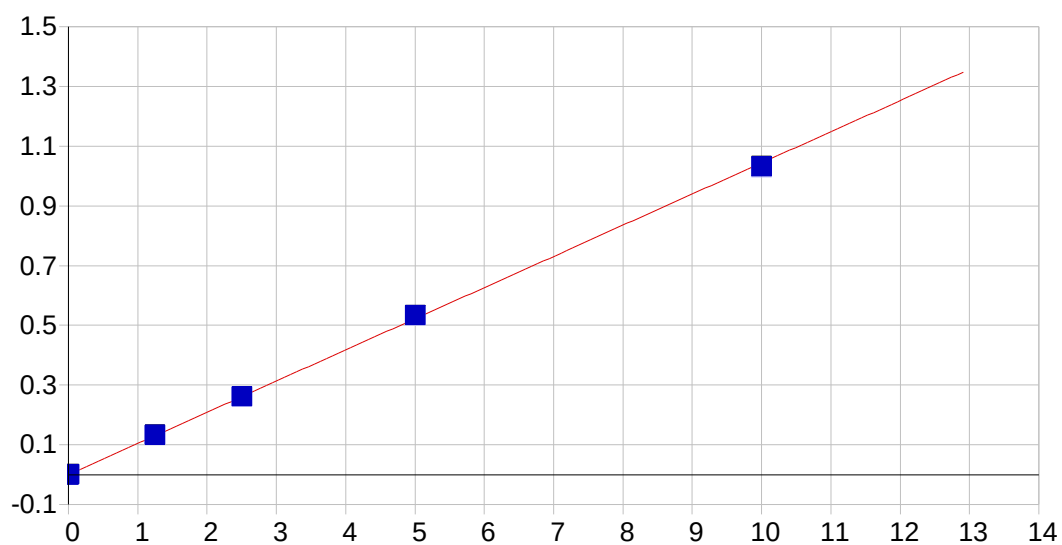


Si 251.611 {134}

Date of Fit: 4/20/2018 12:22:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004379 Re-Slope: 1.000000
 A1 (Gain): 0.416268 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999334 Status: OK.
 Std Error of Est: 0.000814
 Predicted MDL: 0.001294
 Predicted MQL: 0.004314

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00438	.002	1
S1	.10000	.09424	-.006	-5.76	.04375	.000	1
S2	1.2500	1.3574	.107	8.59	.57367	.005	1
S3	2.5000	2.6287	.129	5.15	1.1072	.003	1
S4	5.0000	5.0624	.062	1.25	2.1288	.030	1
S5	10.000	9.7072	-.293	-2.93	4.0793	.048	1

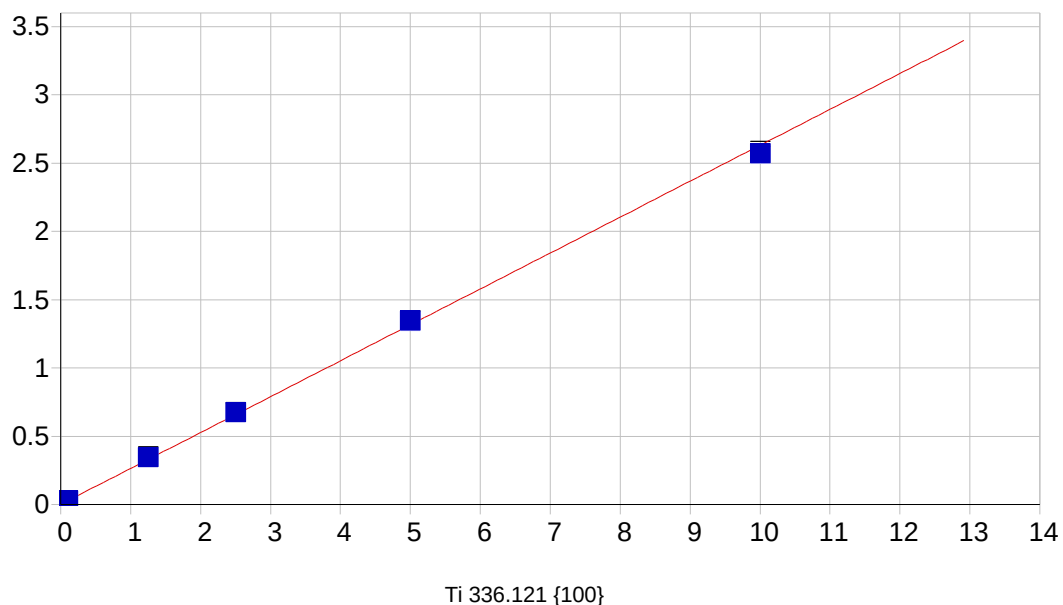


Sn 189.989 {478}

Date of Fit: 4/20/2018 12:22:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000035 Re-Slope: 1.000000
 A1 (Gain): 0.104400 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999889 Status: OK.
 Std Error of Est: 0.000022
 Predicted MDL: 0.001021
 Predicted MQL: 0.003402

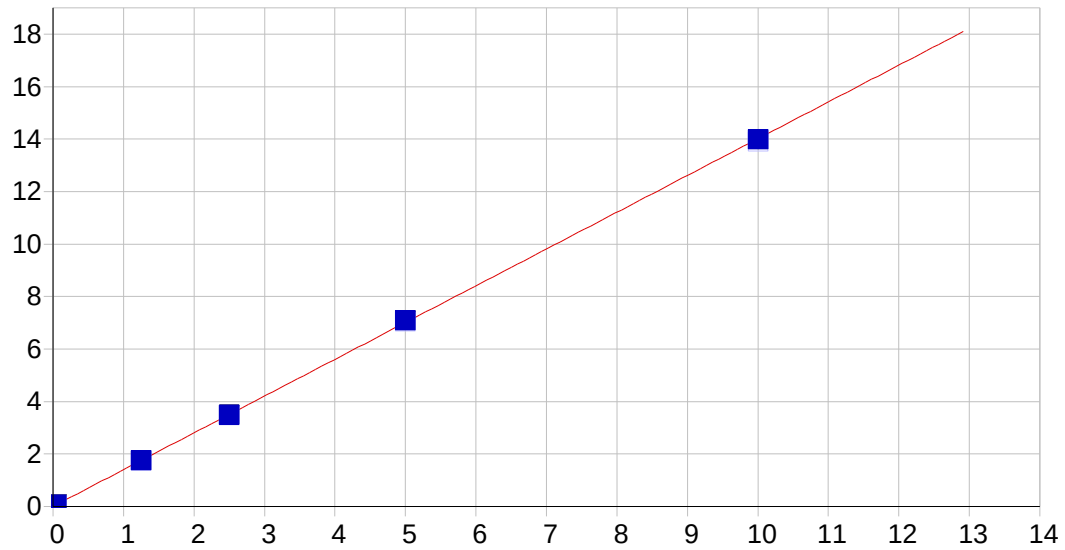
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00004	.000	1
S1	.00700	.00694	.000	-.882	.00073	.000	1
S2	1.2500	1.2681	.018	1.45	.13214	.000	1
S3	2.5000	2.5017	.002	.070	.26064	.001	1
S4	5.0000	5.1070	.107	2.14	.53205	.001	1
S5	10.000	9.8732	-.127	-1.27	1.0285	.002	1



Date of Fit: 4/20/2018 12:22:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000793 Re-Slope: 1.000000
 A1 (Gain): 0.263012 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999670 Status: OK.
 Std Error of Est: 0.000359
 Predicted MDL: 0.002180
 Predicted MQL: 0.007266

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00079	.000	1
S1	.10000	.10267	.003	2.67	.02779	.000	1
S2	1.2500	1.3142	.064	5.14	.34632	.002	1
S3	2.5000	2.5584	.058	2.33	.67343	.001	1
S4	5.0000	5.1073	.107	2.15	1.3436	.003	1
S5	10.000	9.7674	-.233	-2.33	2.5688	.019	1

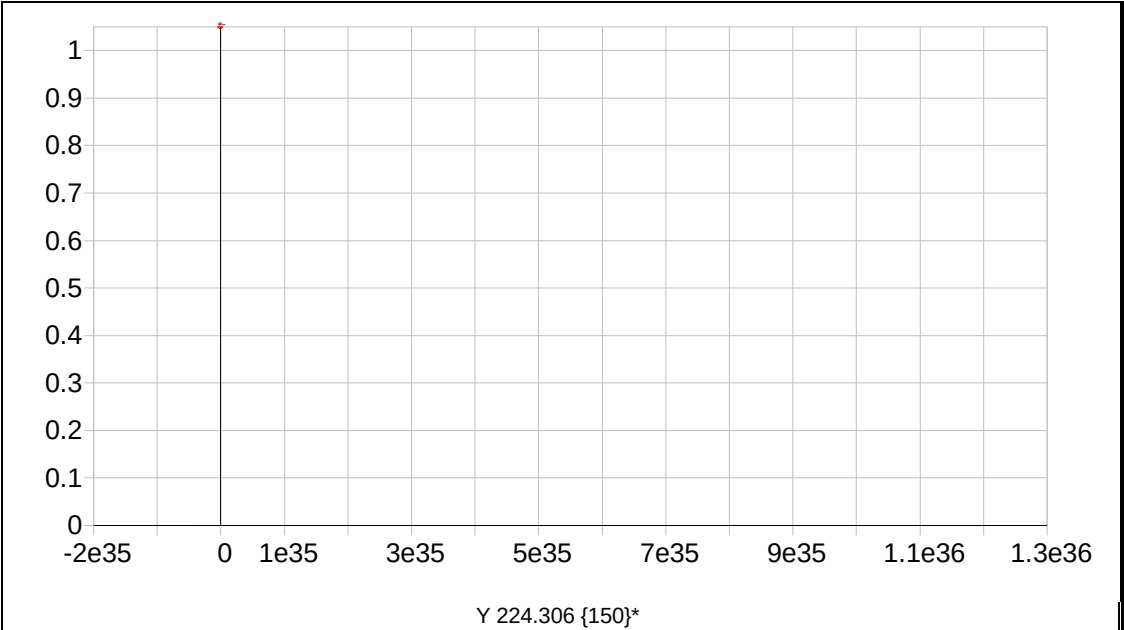


Li 670.784 { 50}

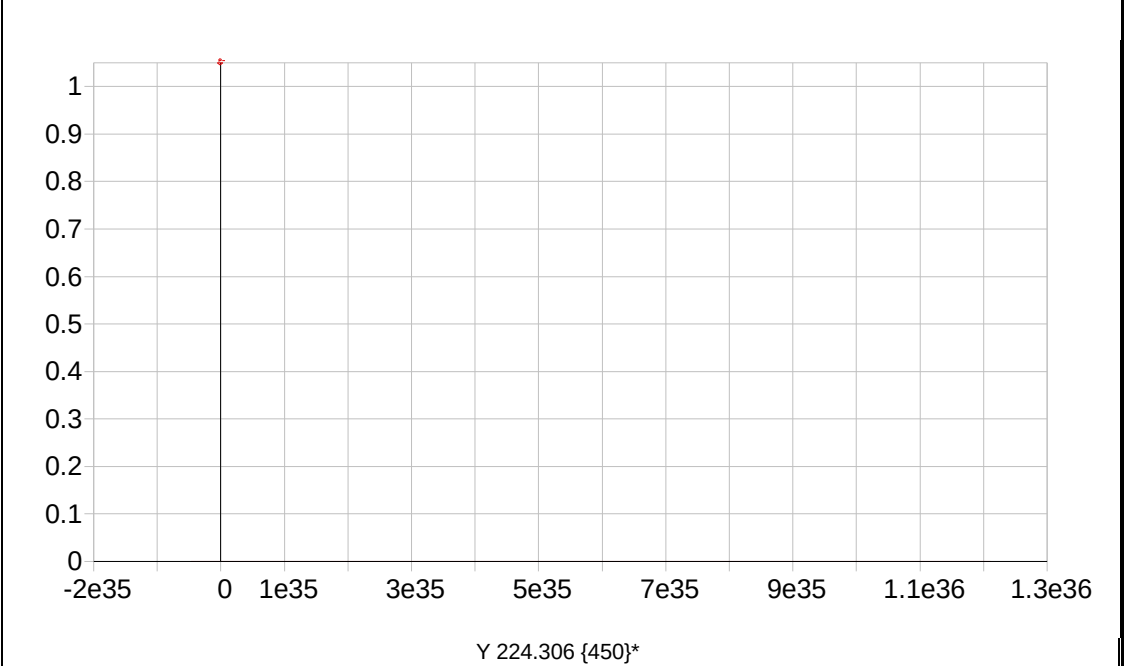
Date of Fit: 4/20/2018 12:22:12 Type of Fit: Linear Weighting: 1/Conc

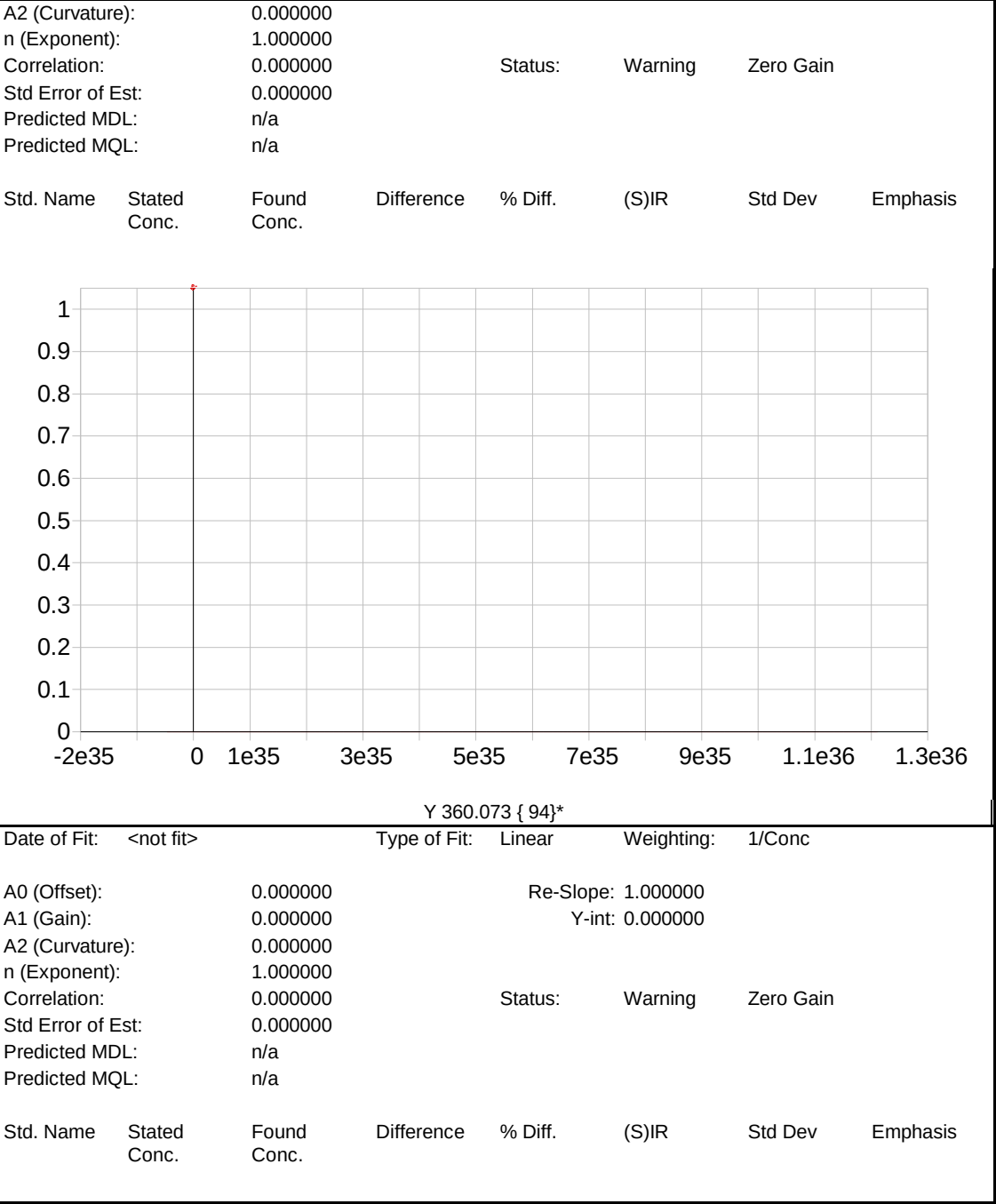
A0 (Offset): 0.004442 Re-Slope: 1.000000
 A1 (Gain): 1.401289 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971 Status: OK.
 Std Error of Est: 0.000401
 Predicted MDL: 0.001574
 Predicted MQL: 0.005248

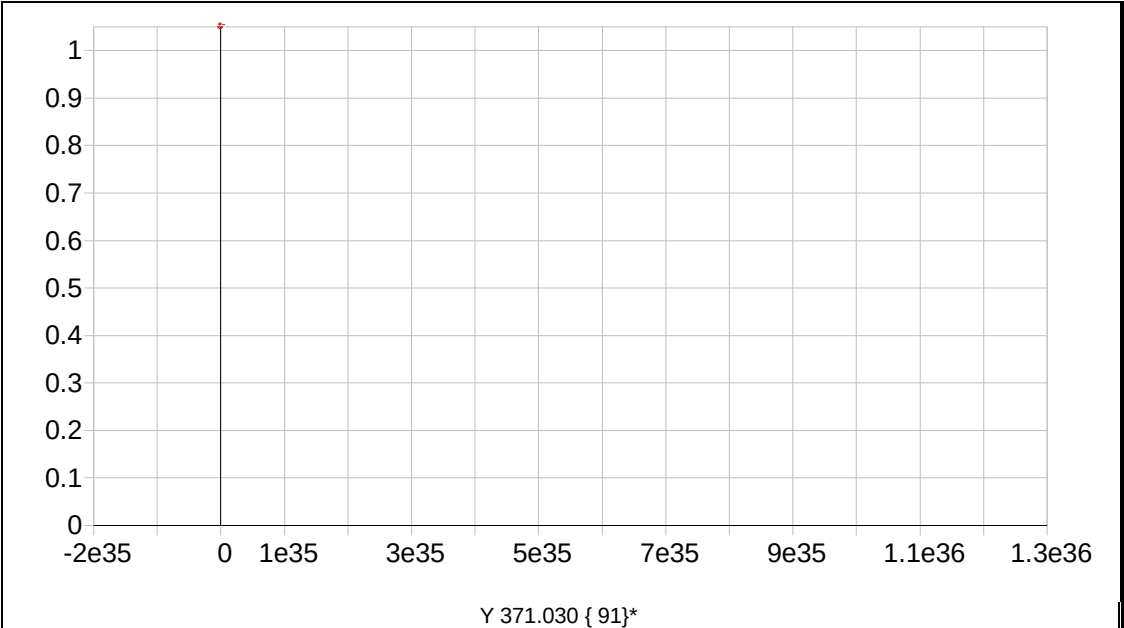
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00445	.003	1
S5	10.000	9.9748	-.025	-.252	13.903	.013	1
S4	5.0000	5.0522	.052	1.04	7.0446	.007	1
S3	2.5000	2.4823	-.018	-.709	3.4631	.013	1
S2	1.2500	1.2448	-.005	-.414	1.7390	.006	1
S1	.05000	.04590	-.004	-8.19	.06863	.001	1



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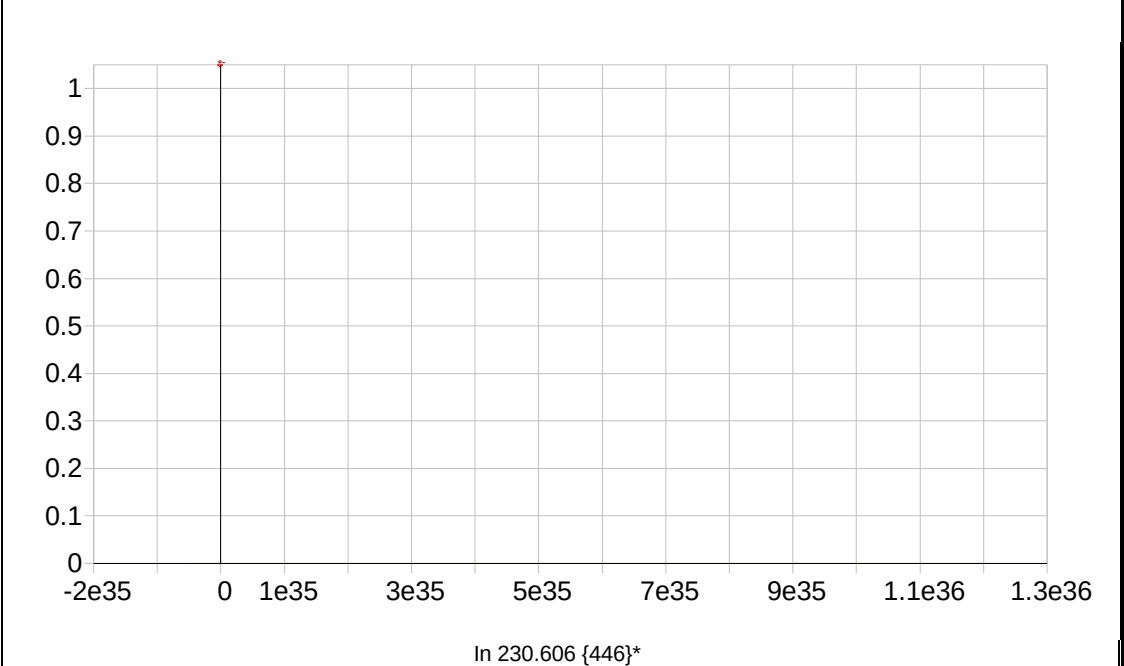




Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

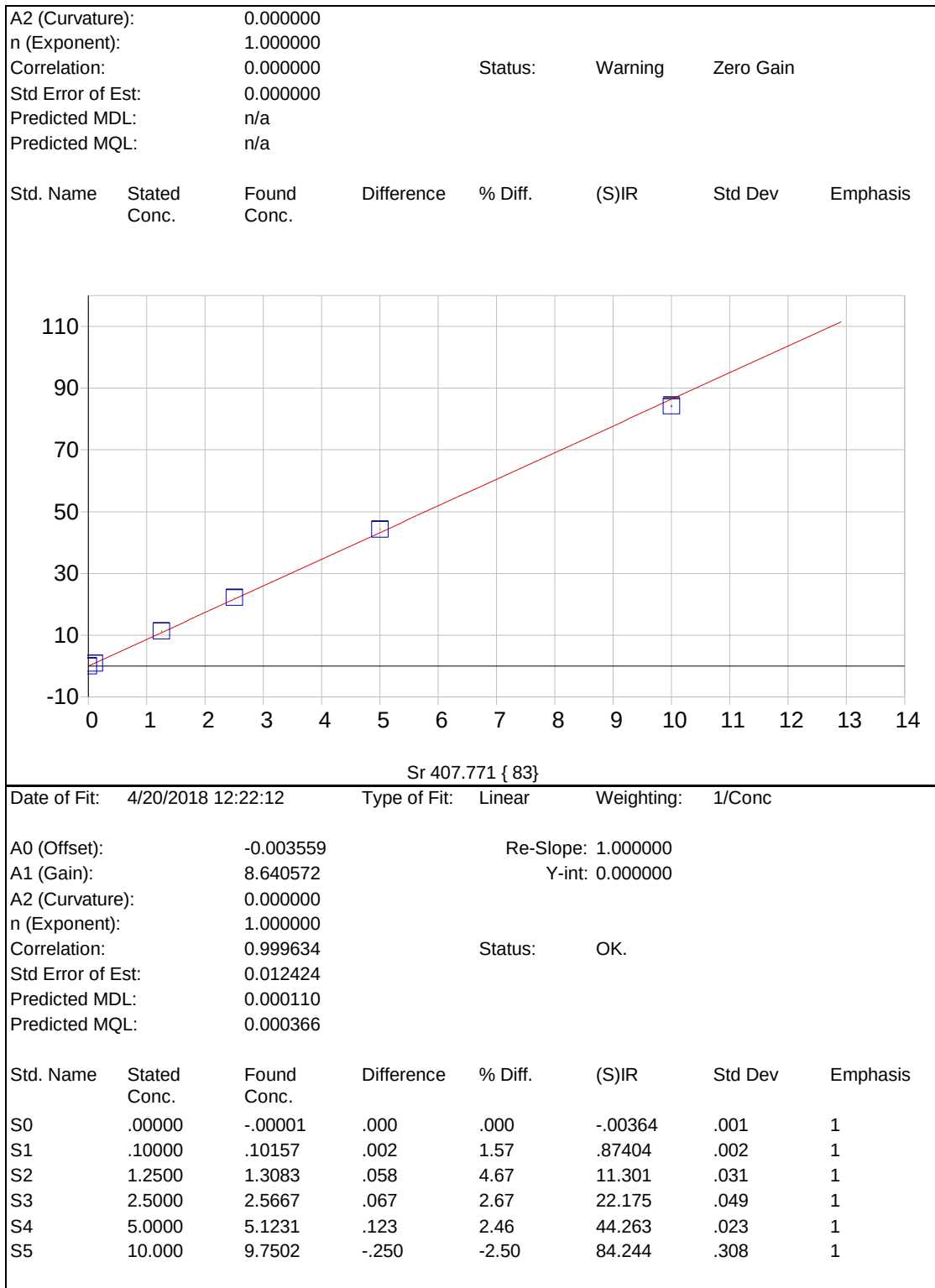
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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



Sample Name: S0 Acquired: 4/20/2018 11:50:02 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	-.00014	.00006	-.00028	.00002	.00001	.00128	-.00480	-.00071
Stddev	.00013	.00001	.00021	.00017	.00024	.00091	.00189	.00012
%RSD	94.069	19.000	75.722	685.33	3059.7	71.365	39.352	16.423

#1	-.00012	.00004	-.00007	.00019	-.00022	.00146	-.00460	-.00083
#2	-.00028	.00006	-.00049	-.00014	-.00001	.00209	-.00678	-.00070
#3	-.00002	.00006	-.00027	.00003	.00025	.00029	-.00302	-.00060

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	.00014	.00215	-.00005	.00010	.00027	.00013	.00001	-.00053
Stddev	.00007	.00016	.00003	.00008	.00051	.00019	.00015	.00013
%RSD	54.184	7.5865	62.431	84.163	184.28	147.82	1339.7	23.914

#1	.00005	.00234	-.00002	.00017	.00036	.00018	.00018	-.00051
#2	.00018	.00209	-.00007	.00012	.00073	-.00008	-.00011	-.00067
#3	.00018	.00202	-.00008	.00001	-.00027	.00028	-.00004	-.00042

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	-.00088	-.00162	.00366	-.00016	-.00035	.04700	-.00088	.00076
Stddev	.00016	.00006	.00103	.00018	.00068	.00147	.00014	.00066
%RSD	17.667	3.9638	28.149	106.59	191.83	3.1262	16.261	86.559

#1	-.00089	-.00155	.00285	-.00031	-.00096	.04536	-.00073	.00150
#2	-.00103	-.00166	.00331	-.00021	-.00049	.04741	-.00101	.00022
#3	-.00072	-.00166	.00482	.00003	.00038	.04821	-.00090	.00056

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	.00025	.00166	.00438	.00004	.00079	.00445	-.00364	
Stddev	.00008	.00005	.00242	.00009	.00038	.00257	.00057	
%RSD	33.606	3.2055	55.235	261.30	48.033	57.827	15.747	

#1	.00016	.00172	.00243	.00011	.00062	.00445	-.00367	
#2	.00032	.00161	.00362	.00006	.00053	.00702	-.00305	
#3	.00027	.00166	.00708	-.00007	.00123	.00188	-.00419	

Sample Name: S0 Acquired: 4/20/2018 11:50:02 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	2042.4	2972.0	37502.	5246.1	4069.4
Stddev	28.0	8.5	279.	31.4	9.5
%RSD	1.3713	.28628	.74390	.59852	.23411
#1	2010.1	2970.7	37221.	5280.5	4072.9
#2	2056.4	2964.2	37778.	5219.0	4058.6
#3	2060.6	2981.0	37508.	5238.8	4076.7

Sample Name: S1 Acquired: 4/20/2018 11:54:11 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	.00028	.00110	.00121	.00211	.00649	.01436	.48449	.02341
Stddev	.00012	.00003	.00022	.00005	.00021	.00082	.00126	.00027
%RSD	40.566	2.3961	17.868	2.3622	3.1747	5.7390	.26066	1.1546

#1	.00025	.00107	.00139	.00209	.00626	.01462	.48389	.02318
#2	.00041	.00113	.00097	.00208	.00656	.01502	.48594	.02370
#3	.00019	.00110	.00125	.00217	.00665	.01343	.48363	.02333

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	.01215	.17847	.00142	.03723	.00315	.00180	.00378	.03040
Stddev	.00028	.00045	.00005	.00031	.00043	.00020	.00026	.00028
%RSD	2.2917	.25106	3.3685	.83579	13.621	11.011	6.9642	.91816

#1	.01193	.17883	.00138	.03716	.00299	.00165	.00401	.03052
#2	.01206	.17862	.00142	.03697	.00364	.00203	.00349	.03008
#3	.01246	.17797	.00147	.03758	.00283	.00174	.00382	.03059

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	.01656	.00183	.03533	.00196	.00239	.14191	-.00053	.00602
Stddev	.00027	.00005	.00012	.00017	.00019	.00066	.00004	.00045
%RSD	1.6524	2.5457	.32762	8.4884	8.1175	.46709	6.8481	7.3947

#1	.01628	.00182	.03521	.00201	.00257	.14154	-.00049	.00608
#2	.01657	.00178	.03536	.00177	.00240	.14152	-.00056	.00554
#3	.01683	.00188	.03544	.00209	.00218	.14268	-.00054	.00643

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	.00804	.00380	.04375	.00073	.02779	.06863	.87404	
Stddev	.00018	.00011	.00045	.00009	.00028	.00118	.00238	
%RSD	2.1993	2.9186	1.0382	12.839	.99714	1.7174	.27250	

#1	.00818	.00371	.04423	.00067	.02755	.06727	.87676	
#2	.00784	.00393	.04370	.00068	.02773	.06936	.87234	
#3	.00809	.00378	.04333	.00084	.02809	.06925	.87302	

Sample Name: S1 Acquired: 4/20/2018 11:54:11 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	2094.9	2976.8	38077.	5328.0	4042.8
Stddev	46.7	23.7	654.	12.4	27.4
%RSD	2.2295	.79506	1.7172	.23243	.67748
#1	2066.2	3004.0	37777.	5339.1	4074.4
#2	2148.8	2961.6	38827.	5314.7	4028.6
#3	2069.8	2964.7	37627.	5330.2	4025.5

Sample Name: S2 Acquired: 4/20/2018 11:58:19 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	.04586	.05902	1.1312	.07001	.14242	2.6938	6.2688	.60199
Stddev	.00038	.00021	.0016	.00006	.00021	.0115	.0068	.00304
%RSD	.82872	.36107	.13855	.08733	.14470	.42776	.10853	.50466

#1	.04628	.05878	1.1305	.07002	.14245	2.6886	6.2635	.60409
#2	.04555	.05918	1.1301	.07006	.14261	2.6858	6.2664	.59851
#3	.04574	.05910	1.1330	.06994	.14220	2.7070	6.2764	.60338

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	1.5831	2.2343	.55755	.49236	.38726	.58248	.92506	.39603
Stddev	.0010	.0078	.00235	.00079	.00172	.00146	.00248	.00148
%RSD	.06203	.34866	.42212	.16011	.44378	.25102	.26776	.37404

#1	1.5820	2.2406	.55554	.49251	.38599	.58309	.92773	.39639
#2	1.5836	2.2365	.55698	.49151	.38658	.58081	.92461	.39730
#3	1.5838	2.2256	.56014	.49306	.38922	.58354	.92284	.39440

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	.27804	.11052	.25702	.02551	.17003	.83008	.19939	.61525
Stddev	.00071	.00107	.00243	.00030	.00349	.00111	.00008	.00463
%RSD	.25627	.96805	.94426	1.1801	2.0510	.13331	.04197	.75195

#1	.27756	.11165	.25457	.02572	.17333	.82983	.19933	.62001
#2	.27770	.11037	.25942	.02565	.17037	.82913	.19949	.61077
#3	.27886	.10953	.25707	.02517	.16638	.83130	.19936	.61495

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	.97591	.03208	.57367	.13214	.34632	1.7390	11.301	
Stddev	.00241	.00007	.00509	.00011	.00243	.0060	.031	
%RSD	.24717	.20796	.88751	.08489	.70218	.34407	.27322	

#1	.97336	.03200	.57925	.13213	.34406	1.7371	11.305	
#2	.97815	.03210	.56927	.13203	.34602	1.7341	11.269	
#3	.97623	.03213	.57250	.13226	.34889	1.7456	11.330	

Sample Name: S2 Acquired: 4/20/2018 11:58:19 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	1925.1	2819.1	35892.	5221.3	3587.9
Stddev	32.5	3.6	246.	3.2	.3
%RSD	1.6875	.12876	.68645	.06172	.00936
#1	1896.2	2819.7	35799.	5222.6	3588.1
#2	1918.8	2815.2	35705.	5217.6	3587.5
#3	1960.3	2822.4	36171.	5223.6	3588.0

Sample Name: S3 Acquired: 4/20/2018 12:02:11 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	.09106	.11335	2.2273	.13729	.28053	5.2711	12.428	1.1741
Stddev	.00048	.00237	.0020	.00103	.00118	.0204	.043	.0019
%RSD	.52315	2.0913	.08993	.74690	.42099	.38772	.34251	.16620

#1	.09139	.11532	2.2277	.13783	.28118	5.2614	12.381	1.1724
#2	.09051	.11072	2.2251	.13610	.27916	5.2946	12.465	1.1737
#3	.09127	.11401	2.2291	.13792	.28123	5.2574	12.438	1.1762

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	3.1142	4.3239	1.0765	.97299	.75686	1.1238	1.7954	.77388
Stddev	.0104	.0034	.0018	.00144	.00264	.0010	.0054	.00331
%RSD	.33255	.07966	.16955	.14759	.34906	.08507	.30124	.42754

#1	3.1186	4.3279	1.0744	.97302	.75547	1.1228	1.7941	.77751
#2	3.1023	4.3225	1.0778	.97154	.75991	1.1247	1.7908	.77309
#3	3.1216	4.3214	1.0772	.97441	.75520	1.1239	1.8014	.77104

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	.54762	.21843	.50254	.04943	.33514	1.6220	.42589	1.2012
Stddev	.00099	.00068	.00329	.00023	.00285	.0040	.00426	.0069
%RSD	.18153	.31243	.65406	.47453	.84987	.24581	.99982	.57209

#1	.54741	.21890	.50506	.04962	.33776	1.6231	.42939	1.1937
#2	.54675	.21765	.50373	.04951	.33211	1.6254	.42115	1.2072
#3	.54870	.21875	.49882	.04917	.33555	1.6176	.42713	1.2027

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	1.9056	.06299	1.1072	.26064	.67343	3.4631	22.175	
Stddev	.0099	.00046	.0029	.00076	.00096	.0131	.049	
%RSD	.52164	.72598	.25909	.29283	.14225	.37712	.21944	

#1	1.9093	.06332	1.1039	.26107	.67237	3.4544	22.164	
#2	1.8944	.06247	1.1092	.25976	.67423	3.4782	22.228	
#3	1.9132	.06318	1.1085	.26110	.67369	3.4568	22.132	

Sample Name: S3 Acquired: 4/20/2018 12:02:11 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	1869.0	2750.4	35206.	5157.3	3422.9
Stddev	25.9	3.5	201.	26.8	1.7
%RSD	1.3841	.12868	.57134	.51999	.04947
#1	1840.3	2751.6	34981.	5142.1	3424.1
#2	1890.5	2753.2	35369.	5141.7	3421.0
#3	1876.3	2746.4	35267.	5188.3	3423.6

Sample Name: S4 Acquired: 4/20/2018 12:06:01 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	.18794	.21736	4.4962	.28158	.58367	10.778	24.753	2.3064
Stddev	.00031	.00218	.0108	.00073	.00189	.071	.149	.0255
%RSD	.16401	1.0015	.23966	.25909	.32406	.66304	.60275	1.1056

#1	.18793	.21814	4.4901	.28223	.58481	10.695	24.912	2.2873
#2	.18764	.21904	4.4899	.28079	.58149	10.817	24.616	2.3353
#3	.18826	.21490	4.5086	.28170	.58473	10.821	24.730	2.2966

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.2262	8.5772	2.1240	1.9552	1.5078	2.2165	3.5264	1.5670
Stddev	.0050	.0283	.0026	.0045	.0019	.0091	.0363	.0086
%RSD	.08050	.32954	.12405	.22748	.12778	.41197	1.0299	.55186

#1	6.2317	8.6099	2.1252	1.9562	1.5079	2.2271	3.5678	1.5769
#2	6.2219	8.5607	2.1209	1.9504	1.5058	2.2115	3.4999	1.5631
#3	6.2250	8.5611	2.1257	1.9591	1.5097	2.2111	3.5115	1.5609

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	1.0991	.43604	1.0088	.09874	.66960	3.2903	.85838	2.3417
Stddev	.0021	.00286	.0039	.00061	.00907	.0053	.00360	.0309
%RSD	.18688	.65512	.38209	.62018	1.3545	.16037	.41965	1.3216

#1	1.0983	.43300	1.0052	.09828	.66556	3.2927	.86059	2.3134
#2	1.0976	.43867	1.0129	.09851	.66325	3.2940	.86033	2.3748
#3	1.1014	.43644	1.0084	.09944	.67999	3.2843	.85422	2.3370

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	3.8788	.12928	2.1288	.53205	1.3436	7.0446	44.263	
Stddev	.0086	.00089	.0301	.00055	.0029	.0073	.023	
%RSD	.22230	.68758	1.4114	.10305	.21259	.10409	.05281	

#1	3.8864	.13007	2.1049	.53267	1.3429	7.0392	44.290	
#2	3.8694	.12946	2.1625	.53182	1.3411	7.0418	44.251	
#3	3.8805	.12831	2.1189	.53165	1.3467	7.0530	44.248	

Sample Name: S4 Acquired: 4/20/2018 12:06:01 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	1830.7	2569.4	34697.	5108.1	3184.4
Stddev	3.8	6.7	167.	43.1	5.3
%RSD	.20916	.26091	.48073	.84351	.16784
#1	1826.6	2567.0	34535.	5090.9	3184.8
#2	1831.3	2577.0	34687.	5076.2	3189.6
#3	1834.2	2564.2	34868.	5157.1	3178.9

Sample Name: S5 Acquired: 4/20/2018 12:09:52 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	.38101	.42904	8.7385	.56959	1.1792	21.136	47.299	4.3529
Stddev	.00074	.00155	.0155	.00230	.0032	.141	.903	.0407
%RSD	.19469	.36011	.17685	.40431	.27209	.66809	1.9101	.93524

#1	.38132	.43011	8.7528	.57143	1.1823	21.037	46.754	4.3872
#2	.38016	.42727	8.7221	.56701	1.1759	21.074	48.342	4.3636
#3	.38154	.42974	8.7406	.57034	1.1794	21.298	46.801	4.3079

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	11.925	16.333	3.9383	3.7613	2.9302	4.1286	6.5688	3.0382
Stddev	.022	.010	.0028	.0032	.0109	.0104	.0128	.0031
%RSD	.18498	.06281	.07041	.08629	.37214	.25211	.19518	.10084

#1	11.940	16.321	3.9412	3.7629	2.9202	4.1178	6.5560	3.0359
#2	11.900	16.341	3.9357	3.7576	2.9286	4.1385	6.5688	3.0417
#3	11.935	16.337	3.9381	3.7635	2.9418	4.1295	6.5816	3.0369

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.1051	.86177	1.9813	.19137	1.1964	6.4863	.35671	4.3562
Stddev	.0019	.00741	.0085	.00140	.0215	.0093	.00101	.0402
%RSD	.08901	.85995	.42934	.73161	1.8007	.14317	.28219	.92236

#1	2.1052	.87025	1.9768	.19034	1.1872	6.4766	.35727	4.3964
#2	2.1032	.85658	1.9759	.19079	1.1809	6.4951	.35555	4.3561
#3	2.1069	.85847	1.9911	.19296	1.2210	6.4873	.35732	4.3160

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	7.5454	.26523	4.0793	1.0285	2.5688	13.903	84.244	
Stddev	.0299	.00126	.0483	.0024	.0188	.013	.308	
%RSD	.39557	.47651	1.1828	.23353	.73239	.09031	.36548	

#1	7.5650	.26500	4.1187	1.0294	2.5545	13.897	84.585	
#2	7.5111	.26410	4.0938	1.0258	2.5617	13.895	83.986	
#3	7.5603	.26659	4.0255	1.0304	2.5901	13.918	84.162	

Sample Name: S5 Acquired: 4/20/2018 12:09:52 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	1691.8	2377.5	33368.	5074.0	2953.2
Stddev	3.4	10.5	72.	38.3	6.5
%RSD	.20164	.44235	.21525	.75457	.21852
#1	1688.2	2366.9	33286.	5067.8	2946.0
#2	1695.0	2387.9	33397.	5039.3	2958.6
#3	1692.2	2377.6	33420.	5115.1	2954.9

Sample Name: S6 Acquired: 4/20/2018 12:13:58 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S06 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	56.859	26.670	11.063	4.9335	5.4407
Stddev	.309	.042	.028	.0145	.0250
%RSD	.54313	.15679	.25717	.29480	.45856

#1	56.507	26.652	11.055	4.9372	5.4122
#2	57.085	26.639	11.040	4.9175	5.4586
#3	56.986	26.717	11.095	4.9459	5.4512

Int. Std.	Y_3710
Units	Cts/S
Avg	5046.0
Stddev	16.9
%RSD	.33563

#1	5031.2
#2	5064.5
#3	5042.4

Sample Name: ICV Acquired: 4/20/2018 12:18:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9431518	1.067699	.9310524	.9695421	.9057068	2.355010
Stddev	.0048179	.004278	.0031745	.0072615	.0051174	.016280
%RSD	.5108249	.4007067	.3409554	.7489623	.5650183	.6913095

#1	.9460555	1.067358	.9338926	.9678033	.9020474	2.359802
#2	.9458094	1.072137	.9276255	.9775152	.9035184	2.336871
#3	.9375904	1.063601	.9316391	.9633079	.9115545	2.368356

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5007526	.4913121	.4815935	10.44870	.5212324	.4819968
Stddev	.0027611	.0015566	.0022557	.08172	.0011120	.0015963
%RSD	.5513925	.3168291	.4683748	.7821209	.2133305	.3311916

#1	.5035670	.4897302	.4830029	10.49982	.5219978	.4838030
#2	.4980481	.4928421	.4827858	10.35445	.5217424	.4814119
#3	.5006426	.4913641	.4789919	10.49183	.5199569	.4807753

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5111646	5.334846	.5193265	5.812890	.4938736	.4862048
Stddev	.0018313	.030680	.0046171	.095160	.0008519	.0013031
%RSD	.3582579	.5750950	.8890522	1.637055	.1724910	.2680195

#1	.5129092	5.346433	.5237302	5.739200	.4938235	.4847576
#2	.5113273	5.300060	.5145221	5.920324	.4930478	.4872852
#3	.5092575	5.358046	.5197271	5.779147	.4947494	.4865716

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.459917	.5144004	1.046003	9.019047	F .0143932	F 2.164233
Stddev	.205981	.0010186	.007258	.057731	.0002886	.010936
%RSD	2.177404	.1980064	.6939162	.6400983	2.005348	.5053071

#1	9.530322	.5155461	1.038638	9.052894	.0141124	2.160815
#2	9.227965	.5140574	1.046220	8.952388	.0143782	2.176470
#3	9.621464	.5135976	1.053150	9.051860	.0146891	2.155415

Sample Name: ICV Acquired: 4/20/2018 12:18:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.121740	1.803971	2.066518	F 2.031659	2.196825	.0061925
Stddev	.007593	.010938	.008653	.011462	.007847	.0002604
%RSD	.3578644	.6063412	.4187464	.5641574	.3572111	4.205187

#1	2.113021	1.793762	2.060344	2.026771	2.202563	.0062648
#2	2.125302	1.815516	2.076409	2.044755	2.187883	.0059035
#3	2.126897	1.802636	2.062801	2.023452	2.200030	.0064090

Elem	Sr4077
Units	ppm
Avg	.0126743
Stddev	.0000032
%RSD	.0255183

#1	.0126734
#2	.0126715
#3	.0126778

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2084.142	2944.937	38155.00	5387.490	3973.431
Stddev	7.089	20.396	91.72	23.701	21.051
%RSD	.3401176	.6925628	.2403956	.4399339	.5297993

#1	2079.834	2960.758	38049.18	5360.520	3979.298
#2	2092.323	2952.136	38204.12	5396.947	3990.926
#3	2080.268	2921.919	38211.71	5405.003	3950.069

Sample Name: ICB Acquired: 4/20/2018 12:24:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL 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	.0007000	-.000259	.0000297	.0026412	.0024657	-.001715	-.000767
Stddev	.0039886	.000732	.0007540	.0025837	.0007154	.008075	.000724
%RSD	569.8074	282.7016	2536.360	97.82520	29.01484	471.0118	94.44471

#1	.0046859	-.001090	.0003337	-.000310	.0032774	-.009961	-.001600
#2	.0007055	.000287	.0005843	.004498	.0021927	.006179	-.000412
#3	-.003291	.000027	-.000829	.003735	.0019270	-.001361	-.000289

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000417	-.000032	-.007084	.0002415	.0000638	.0024347	-.013256
Stddev	.0000293	.000051	.015845	.0004215	.0002685	.0022406	.018976
%RSD	70.27256	157.6420	223.6679	174.4967	421.1828	92.02980	143.1559

#1	.0000718	-.000088	-.022066	.0001353	.0002184	.0000704	-.008068
#2	.0000398	-.000021	-.008688	-.000117	.0002192	.0027068	.002587
#3	.0000133	.000012	.009502	.000706	-.000246	.0045269	-.034286

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000281	.0198808	.0004908	-.000031	.0063778	-.000517	.0007621
Stddev	.001541	.0491531	.0003106	.000198	.1486413	.001778	.0047328
%RSD	548.9395	247.2394	63.28651	646.1943	2330.599	344.1752	621.0394

#1	-.000816	.0119842	.0008255	.000175	-.114854	.001153	-.002755
#2	-.001482	.0725040	.0004352	-.000219	-.038227	-.002386	-.001102
#3	.001456	-.024846	.0002118	-.000048	.172214	-.000316	.006143

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.157770	.0000036	.0041567	-.000112	-.009777	-.004209	.0004538
Stddev	.027828	.0004231	.0002485	.000182	.003003	.001804	.0003403
%RSD	17.63823	11791.47	5.978349	162.1697	30.71270	42.85701	74.98925

#1	-.184816	-.000370	.0043869	.000056	-.008518	-.005350	.0007755
#2	-.129221	-.000083	.0038932	-.000305	-.007609	-.002129	.0004882
#3	-.159274	.000463	.0041900	-.000088	-.013205	-.005147	.0000976

Sample Name: ICB Acquired: 4/20/2018 12:24:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000316	.0018931	.0000871
Stddev	.000410	.0011992	.0001495
%RSD	129.8212	63.34563	171.7171

#1	-.000669	.0005084	.0001970
#2	.000134	.0025843	-.000083
#3	-.000414	.0025866	.000148

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2075.497	2977.766	38353.62	5389.208	4112.220
Stddev	8.505	8.962	196.67	36.088	10.617
%RSD	.4097618	.3009681	.5127931	.6696282	.2581741

#1	2066.640	2973.590	38172.50	5412.900	4102.840
#2	2076.251	2971.653	38325.52	5347.675	4110.075
#3	2083.599	2988.054	38562.83	5407.050	4123.745

Sample Name: ICSA Acquired: 4/20/2018 12:33:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054874	-.002559	-.003803	.0032823	.0064319	244.5639
Stddev	.0025318	.005831	.000355	.0019849	.0025720	.2061
%RSD	46.13906	227.8427	9.346530	60.47263	39.98761	.0842827

#1	.0076833	-.006093	-.004079	.0055484	.0048387	244.5289
#2	.0060608	.004171	-.003928	.0018516	.0093991	244.3775
#3	.0027180	-.005756	-.003402	.0024471	.0050580	244.7853

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050269	.0010463	-.000296	251.8907	.0612051	.0003419
Stddev	.0005392	.0000590	.000119	.7665	.0004789	.0001957
%RSD	10.72640	5.634679	39.98221	.3043138	.7823871	57.25158

#1	.0048865	.0010188	-.000376	252.7752	.0617580	.0001750
#2	.0045718	.0010060	-.000353	251.4209	.0609196	.0002934
#3	.0056225	.0011139	-.000160	251.4759	.0609378	.0005573

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000188	102.0027	.0135290	250.4068	.0086843	-.005959
Stddev	.004463	.4509	.0005981	.4560	.0001079	.000362
%RSD	2378.838	.4420828	4.420511	.1821207	1.242356	6.071440

#1	.004930	102.5192	.0135976	250.8386	.0087721	-.006102
#2	-.002216	101.8021	.0128995	249.9299	.0085639	-.006228
#3	-.003277	101.6870	.0140897	250.4521	.0087171	-.005548

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5465241	.0009636	-.005116	-.487757	-.006496	F .1449241
Stddev	.1571824	.0077538	.005142	.075108	.000312	.0015325
%RSD	28.76038	804.6556	100.5119	15.39860	4.809438	1.057475

#1	.6997971	-.003414	-.007839	-.484474	-.006803	.1466887
#2	.5540709	.009916	.000815	-.414345	-.006179	.1439261
#3	.3857042	-.003612	-.008325	-.564453	-.006506	.1441575

Sample Name: ICSA Acquired: 4/20/2018 12:33:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022829	.0101908	-.004776	-.003034	-.000248	.0031990
Stddev	.0002761	.0070142	.001266	.000974	.001986	.0014671
%RSD	12.09569	68.82936	26.51146	32.12186	800.6719	45.86090

#1	.0019642	.0113955	-.005415	-.002122	.002036	.0028718
#2	.0024525	.0026522	-.003318	-.002918	-.001564	.0019231
#3	.0024319	.0165246	-.005596	-.004061	-.001216	.0048021

Elem	Sr4077
Units	ppm
Avg	.1031075
Stddev	.0001483
%RSD	.1438410

#1	.1032548
#2	.1031094
#3	.1029582

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1941.150	2699.580	35483.70	5229.464	3345.571
Stddev	1.004	18.408	153.20	6.927	13.515
%RSD	.0517158	.6818941	.4317539	.1324686	.4039665

#1	1941.698	2706.755	35400.97	5229.129	3349.102
#2	1939.991	2713.320	35660.49	5222.710	3356.970
#3	1941.760	2678.664	35389.65	5236.553	3330.641

Sample Name: ICSAB Acquired: 4/20/2018 12:38:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0971963	.0980942	.0428078	.0480997	.5854610	247.1921
Stddev	.0038371	.0021272	.0019703	.0032807	.0047726	1.5739
%RSD	3.947814	2.168522	4.602607	6.820636	.8151784	.6366994

#1	.0928269	.0981034	.0410638	.0453872	.5832890	245.8044
#2	.1000172	.1002167	.0449450	.0517461	.5821608	248.9022
#3	.0987448	.0959624	.0424147	.0471659	.5909332	246.8698

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5248081	.5111168	1.019835	256.7325	.5921618	.5089229
Stddev	.0013139	.0047456	.001190	.6633	.0008433	.0003607
%RSD	.2503612	.9284855	.1166373	.2583744	.1424106	.0708655

#1	.5248293	.5165840	1.018979	257.2403	.5929179	.5085250
#2	.5234837	.5087049	1.021193	255.9820	.5923150	.5092283
#3	.5261113	.5080616	1.019334	256.9753	.5912523	.5090154

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5170338	103.4520	.5331166	254.3514	1.029172	.1994329
Stddev	.0007378	.7162	.0051833	1.5558	.001305	.0009215
%RSD	.1426910	.6923402	.9722733	.6116676	.1268326	.4620571

#1	.5167004	104.1643	.5364816	256.1458	1.028461	.1995100
#2	.5165216	102.7319	.5357206	253.5281	1.028377	.2003134
#3	.5178794	103.4597	.5271475	253.3803	1.030679	.1984752

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5842638	.5292788	1.086638	-.514976	.0072832	F .7762142
Stddev	.0392868	.0086417	.023991	.062946	.0001268	.0068594
%RSD	6.724145	1.632738	2.207838	12.22301	1.741129	.8836929

#1	.6060268	.5217434	1.059025	-.447692	.0073010	.7817637
#2	.5389117	.5387115	1.102366	-.572426	.0071484	.7685452
#3	.6078531	.5273815	1.098525	-.524811	.0074001	.7783336

Sample Name: ICSAB Acquired: 4/20/2018 12:38:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .6734480	.6656773	.5940298	F .6873408	.6561860	.0048989
Stddev	.0219972	.0165443	.0046530	.0258490	.0039354	.0016604
%RSD	3.266352	2.485329	.7833031	3.760732	.5997355	33.89322

#1	.6517329	.6474949	.5993973	.6615699	.6529653	.0063924
#2	.6728943	.6696929	.5915551	.6871852	.6550200	.0051932
#3	.6957168	.6798441	.5911371	.7132673	.6605726	.0031110

Elem	Sr4077
Units	ppm
Avg	.7200584
Stddev	.0016687
%RSD	.2317401

#1	.7182609
#2	.7203560
#3	.7215582

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1918.573	2688.916	35287.95	5209.187	3322.856
Stddev	2.341	10.904	111.02	28.261	12.927
%RSD	.1220292	.4055240	.3146255	.5425194	.3890318

#1	1917.456	2697.560	35377.15	5177.776	3334.209
#2	1916.999	2692.523	35163.61	5217.232	3325.571
#3	1921.263	2676.665	35323.10	5232.554	3308.787

Sample Name: CCV010 Acquired: 4/20/2018 12:42:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV010 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.805383	4.780412	24.02325	4.796171	4.811163	398.0207
Stddev	.013140	.025813	.04342	.006254	.002764	1.1900
%RSD	.2734498	.5399747	.1807473	.1303973	.0574496	.2989854

#1	4.792915	4.787742	23.99176	4.790681	4.810912	399.1324
#2	4.819106	4.751726	24.00521	4.794854	4.814044	398.1643
#3	4.804128	4.801766	24.07279	4.802979	4.808534	396.7654

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.739976	.4756181	2.402790	390.8700	14.70856	2.427403
Stddev	.028931	.0017812	.004914	1.5462	.04343	.008736
%RSD	.2970329	.3745102	.2045219	.3955832	.2952652	.3598967

#1	9.764122	.4768724	2.399442	391.6605	14.74972	2.419253
#2	9.747897	.4764025	2.400497	391.8611	14.66317	2.426331
#3	9.707910	.4735792	2.408432	389.0883	14.71279	2.436626

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.59505	398.2668	14.20038	389.6467	2.419158	1.206176
Stddev	.05390	2.3036	.04357	2.2828	.006178	.002049
%RSD	.3693278	.5784093	.3068100	.5858743	.2553695	.1698541

#1	14.63401	399.3156	14.19489	390.1383	2.414062	1.204262
#2	14.61761	399.8593	14.24643	391.6437	2.417383	1.208337
#3	14.53353	395.6254	14.15981	387.1581	2.426029	1.205928

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	402.3942	2.407268	14.39543	149.6067	F 3.190663	5.077978
Stddev	.9193	.019149	.12061	.4557	.012067	.015676
%RSD	.2284527	.7954828	.8378011	.3045821	.3781920	.3087129

#1	403.3321	2.400087	14.27462	150.1294	3.198135	5.089181
#2	402.3558	2.428970	14.51583	149.2932	3.176742	5.084689
#3	401.4947	2.392747	14.39583	149.3974	3.197112	5.060063

Sample Name: CCV010 Acquired: 4/20/2018 12:42:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV010 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.728992	5.013675	4.765110	4.823368	4.846605	4.920443
Stddev	.004984	.037282	.021379	.011802	.014922	.020364
%RSD	.1053928	.7436117	.4486522	.2446770	.3078846	.4138687

#1	4.723864	5.015843	4.776945	4.821451	4.846018	4.934456
#2	4.729293	4.975356	4.777954	4.812643	4.861812	4.929789
#3	4.733818	5.049826	4.740431	4.836011	4.831985	4.897083

Elem	Sr4077
Units	ppm
Avg	4.880513
Stddev	.015641
%RSD	.3204838

#1	4.896262
#2	4.880294
#3	4.864982

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1752.431	2442.866	33496.24	5080.452	2946.004
Stddev	8.791	5.944	29.53	26.312	5.455
%RSD	.5016450	.2433192	.0881487	.5179080	.1851615

#1	1762.508	2448.563	33467.09	5051.021	2952.152
#2	1746.330	2436.703	33526.13	5088.636	2941.744
#3	1748.455	2443.331	33495.49	5101.700	2944.116

Sample Name: CCB010 Acquired: 4/20/2018 12:46:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL 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	.0007761	-.001796	-.000796	.0026231	.0009945	.0007669	-.000727
Stddev	.0001968	.000793	.001154	.0013503	.0012699	.0093864	.000436
%RSD	25.35406	44.15289	144.9839	51.47960	127.6948	1223.932	59.94000

#1	.0005661	-.001067	-.001995	.0041698	.0000123	.0077536	-.000235
#2	.0009562	-.001681	-.000700	.0020209	.0024285	.0044495	-.000881
#3	.0008062	-.002641	.000307	.0016786	.0005426	-.009902	-.001064

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000979	-.000067	.0074340	-.000003	-.000018	.0017161	.0053925
Stddev	.0000347	.000038	.0069981	.000053	.000072	.0007178	.0081018
%RSD	35.42597	56.17982	94.13560	1689.582	393.8823	41.82685	150.2434

#1	.0000739	-.000092	.0154444	.000056	-.000010	.0015343	-.000677
#2	.0001377	-.000085	.0025076	-.000047	-.000095	.0025073	.014593
#3	.0000821	-.000024	.0043501	-.000018	.000049	.0011067	.002261

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003063	.0274802	.0003806	-.000035	-.348391	.0004166	.0054776
Stddev	.0019426	.0288556	.0002562	.000243	.183096	.0048322	.0064973
%RSD	634.1436	105.0048	67.32085	701.2365	52.55463	1159.977	118.6155

#1	.0016839	-.002934	.0001198	.000090	-.212717	-.002125	.0055557
#2	.0011507	.030903	.0006320	-.000314	-.556650	-.002614	.0119356
#3	-.001916	.054472	.0003899	.000120	-.275805	.005989	-.001058

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.169360	-.000178	.0063973	.0002339	-.014847	-.004386	.0002421
Stddev	.040445	.000540	.0006228	.0002209	.002034	.001216	.0005343
%RSD	23.88096	303.7904	9.735968	94.42646	13.69981	27.72280	220.7345

#1	-.122722	.000202	.0057862	.0004516	-.014703	-.003848	.0003364
#2	-.194791	.000061	.0070312	.0002403	-.012889	-.003531	-.000333
#3	-.190568	-.000797	.0063744	.0000099	-.016949	-.005778	.000723

Sample Name: CCB010 Acquired: 4/20/2018 12:46:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB010 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0028330	.0005920	.0000911
Stddev	.0016803	.0005372	.0000536
%RSD	59.31082	90.74417	58.89565

#1	.0041129	.0005729	.0000661
#2	.0009302	.0011385	.0001526
#3	.0034558	.0000646	.0000545

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2063.933	2930.066	38170.62	5338.100	4073.406
Stddev	29.680	2.718	192.41	50.835	11.094
%RSD	1.438042	.0927546	.5040833	.9523127	.2723453

#1	2076.469	2926.947	38139.11	5280.325	4060.692
#2	2030.042	2931.322	37995.91	5358.000	4081.121
#3	2085.288	2931.928	38376.84	5375.975	4078.404

Sample Name: J2389-01 Acquired: 4/20/2018 12:50:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MESSM4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090983	-.006784	.0006057	.0053062	.0031355	.1150215
Stddev	.0030457	.002506	.0015421	.0003381	.0008565	.0117150
%RSD	33.47601	36.93369	254.6129	6.370801	27.31711	10.18509

#1	.0113897	-.008971	.0020815	.0056869	.0021851	.1149330
#2	.0056420	-.007330	.0007308	.0050412	.0038477	.1033509
#3	.0102630	-.004050	-.000995	.0051906	.0033738	.1267805

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4730735	.0000585	.0001368	795.6534	.0023855	.0011211
Stddev	.0018681	.0000489	.0000594	1.2660	.0009483	.0001553
%RSD	.3948742	83.49165	43.41599	.1591117	39.75066	13.84860

#1	.4712172	.0000302	.0000688	795.5728	.0012906	.0009644
#2	.4749531	.0001150	.0001787	796.9577	.0029247	.0012748
#3	.4730501	.0000304	.0001629	794.4296	.0029413	.0011240

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0209548	-.126962	.8912183	13.09809	.0184898	-.000101
Stddev	.0003093	.004628	.0087419	.18601	.0000284	.000521
%RSD	1.476131	3.644975	.9808886	1.420130	.1537058	518.3094

#1	.0206660	-.132304	.8825130	13.00468	.0184735	.000341
#2	.0212812	-.124404	.8999963	13.31229	.0184733	-.000676
#3	.0209171	-.124177	.8911455	12.97729	.0185226	.000033

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1652.890	-.000875	.1101870	-.538026	.0075072	.0379522
Stddev	8.341	.010206	.0113363	.060765	.0014046	.0006530
%RSD	.5046527	1165.835	10.28820	11.29398	18.71049	1.720470

#1	1648.541	.010895	.0998794	-.600460	.0059549	.0372671
#2	1647.622	-.007272	.1223283	-.534538	.0086904	.0380220
#3	1662.507	-.006249	.1083534	-.479081	.0078763	.0385674

Sample Name: J2389-01 Acquired: 4/20/2018 12:50:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MESSM4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038013	1.121778	1.159433	-.001424	-.014658	.0097929
Stddev	.0001993	.011027	.006392	.000927	.001043	.0006882
%RSD	5.243314	.9829554	.5512631	65.04793	7.115664	7.027062

#1	.0038113	1.109270	1.152144	-.000715	-.013977	.0090964
#2	.0039955	1.125969	1.162073	-.002473	-.014138	.0104724
#3	.0035972	1.130095	1.164082	-.001085	-.015859	.0098100

Elem	Sr4077
Units	ppm
Avg	.4751316
Stddev	.0012675
%RSD	.2667573

#1	.4738990
#2	.4750646
#3	.4764312

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1864.216	2592.268	33952.15	5342.608	3067.285
Stddev	7.220	6.165	95.11	21.044	2.507
%RSD	.3872960	.2378271	.2801267	.3938905	.0817176

#1	1860.133	2585.655	33967.29	5366.715	3066.302
#2	1872.552	2597.858	34038.78	5333.200	3070.135
#3	1859.962	2593.290	33850.38	5327.909	3065.420

Sample Name: J2389-02 Acquired: 4/20/2018 12:54:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MESSM4D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066402	-.008212	-.001344	.0030327	.0017041	.1071240
Stddev	.0039606	.000454	.001306	.0025916	.0019791	.0045295
%RSD	59.64497	5.526226	97.17707	85.45497	116.1410	4.228290

#1	.0048471	-.007992	-.000357	.0056275	.0038941	.1110053
#2	.0111802	-.007910	-.002825	.0004443	.0011745	.1021472
#3	.0038934	-.008734	-.000850	.0030263	.0000436	.1082196

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4682923	.0000509	.0000179	787.4825	.0027314	.0009871
Stddev	.0009133	.0000255	.0000478	.4202	.0004194	.0002438
%RSD	.1950220	50.12039	267.2094	.0533609	15.35669	24.69651

#1	.4677975	.0000802	.0000269	787.0871	.0022875	.0012581
#2	.4693462	.0000392	-.000034	787.9238	.0027854	.0009176
#3	.4677331	.0000334	.000061	787.4365	.0031212	.0007856

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0212695	-.126550	.8804274	12.84662	.0184890	.0003016
Stddev	.0046502	.012713	.0025834	.13501	.0003890	.0003025
%RSD	21.86351	10.04586	.2934207	1.050928	2.104103	100.3120

#1	.0160674	-.138312	.8833034	12.73189	.0180512	.0002926
#2	.0227180	-.113062	.8783039	12.99539	.0187950	.0006085
#3	.0250231	-.128276	.8796747	12.81257	.0186208	.0000036

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1643.866	-.006709	.1181146	-.478833	.0092374	.0368448
Stddev	5.006	.002931	.0099391	.012970	.0008031	.0004890
%RSD	.3045343	43.69024	8.414822	2.708644	8.693882	1.327165

#1	1638.709	-.003750	.1241553	-.486944	.0083102	.0362876
#2	1648.707	-.006764	.1066432	-.463874	.0097112	.0370441
#3	1644.181	-.009612	.1235451	-.485680	.0096909	.0372027

Sample Name: J2389-02 Acquired: 4/20/2018 12:54:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MESSM4D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038444	1.116192	1.153116	-.001249	-.015202	.0097808
Stddev	.0002559	.005634	.014340	.000287	.001276	.0012336
%RSD	6.655333	.5047423	1.243612	23.00002	8.394242	12.61265

#1	.0040393	1.113859	1.168158	-.001318	-.016396	.0111375
#2	.0035547	1.112100	1.151593	-.000933	-.013857	.0087266
#3	.0039393	1.122618	1.139599	-.001495	-.015354	.0094783

Elem	Sr4077
Units	ppm
Avg	.4715892
Stddev	.0003875
%RSD	.0821722

#1	.4719385
#2	.4711723
#3	.4716567

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1860.278	2589.687	34018.16	5361.859	3080.245
Stddev	6.386	9.520	127.32	6.936	9.734
%RSD	.3432960	.3676037	.3742737	.1293606	.3160143

#1	1853.348	2599.969	33978.39	5355.491	3089.850
#2	1865.925	2581.180	34160.62	5369.250	3070.387
#3	1861.561	2587.911	33915.48	5360.836	3080.497

Sample Name: PB108284BL Acquired: 4/20/2018 13:06:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062406	-.001582	-.000104	.0011068	-.000428	-.001970	-.000809
Stddev	.0040494	.002249	.001379	.0013671	.002186	.012559	.000450
%RSD	64.88790	142.1411	1326.670	123.5078	510.7667	637.4614	55.62044

#1	.0025676	.001014	.000442	.0022950	.001237	-.015188	-.001319
#2	.0055711	-.002825	-.001672	-.000387	.000382	.009805	-.000466
#3	.0105830	-.002935	.000919	.001413	-.002903	-.000527	-.000643

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000026	-.000053	.0007058	.0000557	-.000010	.0065491	-.004125
Stddev	.000059	.000035	.0131567	.0003914	.000088	.0026106	.002512
%RSD	222.7005	66.09883	1864.101	702.5315	852.4689	39.86149	60.88035

#1	-.000089	-.000019	-.007270	.0003159	-.000110	.0037419	-.001479
#2	.000027	-.000051	-.006504	.0002456	.000057	.0089038	-.006476
#3	-.000018	-.000090	.015891	-.000394	.000022	.0070015	-.004421

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000056	.0169759	.0002875	.0003790	.1892234	.0035592	-.003252
Stddev	.000351	.0441544	.0001715	.0004172	.1395544	.0039961	.014308
%RSD	627.4628	260.1007	59.65198	110.0660	73.75112	112.2760	440.0218

#1	-.000126	-.023378	.0004485	-.000090	.3379109	.0080681	-.014600
#2	-.000366	.064139	.0001072	.000708	.1686796	.0021535	.012822
#3	.000325	.010167	.0003069	.000519	.0610797	.0004558	-.007977

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.031709	-.000136	.0008002	-.000129	-.012545	-.005394	.0006235
Stddev	.033913	.000491	.0006911	.000239	.002559	.000691	.0005227
%RSD	106.9506	361.5347	86.37032	184.4134	20.39896	12.80556	83.83041

#1	-.058789	-.000624	.0010838	.000001	-.009823	-.004810	.0004678
#2	-.042665	-.000142	.0000124	.000016	-.014902	-.006157	.0012064
#3	.006328	.000358	.0013044	-.000405	-.012910	-.005216	.0001964

Sample Name: PB108284BL Acquired: 4/20/2018 13:06:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000603	.0060661	.0000321
Stddev	.001892	.0013096	.0000778
%RSD	313.6268	21.58891	242.1018

#1	-.002771	.0074459	-.000034
#2	.000714	.0048403	.000118
#3	.000247	.0059120	.000013

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2060.318	2873.052	37995.52	5373.775	4020.874
Stddev	15.228	3.739	118.79	59.554	4.371
%RSD	.7391074	.1301444	.3126462	1.108231	.1086980

#1	2048.655	2870.867	37860.02	5442.475	4015.959
#2	2054.753	2877.370	38081.76	5342.050	4022.338
#3	2077.546	2870.920	38044.77	5336.800	4024.324

Sample Name: PB108390BL Acquired: 4/20/2018 13:19:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL 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	.0005029	-.003159	-.000555	-.000806	.0012974	-.014510	-.001222
Stddev	.0013274	.000741	.001183	.001243	.0005440	.002565	.000329
%RSD	263.9274	23.46930	213.3222	154.2264	41.93116	17.67653	26.90880

#1	-.000321	-.003533	-.001544	-.000765	.0006977	-.014726	-.000888
#2	.002034	-.002305	.000756	-.002069	.0017592	-.011844	-.001545
#3	-.000205	-.003638	-.000876	.000416	.0014354	-.016960	-.001233

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000013	-.000076	-.010655	.0001260	-.000021	.0027432	.0092204
Stddev	.000079	.000092	.007973	.0003713	.000044	.0041710	.0135196
%RSD	603.1996	120.9174	74.83030	294.5858	209.2456	152.0520	146.6268

#1	.000071	-.000084	-.018390	-.000302	-.000002	.0068840	.0212353
#2	-.000025	.000019	-.002463	.000353	.000010	.0028029	.0118450
#3	-.000086	-.000165	-.011111	.000327	-.000071	-.001457	-.005419

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003241	-.020284	.0004011	.0004444	.0704991	-.000321	-.007410
Stddev	.0008755	.030412	.0002425	.0004328	.3308290	.008502	.009938
%RSD	270.1278	149.9280	60.46278	97.39593	469.2667	2647.225	134.1095

#1	.0000755	-.015228	.0003827	.0008160	-.209305	.006757	-.000103
#2	.0012970	-.052908	.0001683	.0005480	-.014832	-.009752	-.003401
#3	-.000400	.007282	.0006523	-.000031	.435634	.002031	-.018727

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0545966	-.000291	-.000223	-.000124	-.009457	-.005991	.0007430
Stddev	.0805664	.000496	.000320	.000111	.002088	.000126	.0009715
%RSD	147.5666	170.4553	143.3973	89.16706	22.07531	2.095437	130.7412

#1	.1368366	-.000132	-.000533	-.000058	-.007637	-.005886	-.000075
#2	-.024185	.000106	-.000243	-.000252	-.011735	-.006130	.000487
#3	.051138	-.000846	.000107	-.000063	-.008998	-.005959	.001817

Sample Name: PB108390BL Acquired: 4/20/2018 13:19:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000350	.0073219	.0000917
Stddev	.002177	.0014587	.0000914
%RSD	622.1306	19.92281	99.66205

#1	.000640	.0056498	.0001714
#2	-.002846	.0083336	-.000008
#3	.001157	.0079824	.000112

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1966.649	2927.147	36422.97	5428.358	4069.943
Stddev	132.505	4.287	2453.39	29.391	3.195
%RSD	6.737597	.1464615	6.735834	.5414383	.0785099

#1	2042.433	2924.391	38081.97	5440.025	4066.493
#2	1813.648	2932.086	33604.78	5394.925	4072.801
#3	2043.867	2924.963	37582.18	5450.125	4070.535

Sample Name: PB108390BS Acquired: 4/20/2018 13:23:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0172822	.0437846	.0178875	.0672663	.1124372	.3934224
Stddev	.0020424	.0019864	.0009486	.0027864	.0022046	.0039216
%RSD	11.81780	4.536666	5.303175	4.142294	1.960709	.9967861

#1	.0175912	.0449018	.0174990	.0668587	.1112919	.3951093
#2	.0191525	.0449608	.0171947	.0702340	.1149787	.3962183
#3	.0151029	.0414912	.0189687	.0647062	.1110410	.3889397

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3908565	.0091621	.0089911	10.11466	.0217950	.0934065
Stddev	.0031134	.0000258	.0001275	.04997	.0003135	.0007069
%RSD	.7965645	.2812616	1.418172	.4940143	1.438575	.7568068

#1	.3872711	.0091914	.0091314	10.06752	.0215226	.0935231
#2	.3924204	.0091516	.0089595	10.10942	.0221378	.0926485
#3	.3928779	.0091432	.0088824	10.16704	.0217247	.0940479

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0542819	.2384404	.0310704	9.407916	.0778350	.0193719
Stddev	.0064983	.0110902	.0006320	.049095	.0007409	.0003536
%RSD	11.97134	4.651162	2.034143	.5218521	.9518445	1.825092

#1	.0472314	.2265709	.0311988	9.451255	.0773144	.0190542
#2	.0555832	.2485381	.0303841	9.417895	.0775075	.0197528
#3	.0600310	.2402121	.0316284	9.354597	.0786832	.0193086

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.459980	.1049861	.1272701	7.658592	F .0084431	F .0188148
Stddev	.018069	.0035755	.0079033	.139640	.0007351	.0005974
%RSD	.1910066	3.405680	6.209874	1.823309	8.706414	3.175397

#1	9.473499	.1035325	.1330036	7.521971	.0087043	.0181251
#2	9.439457	.1090595	.1182546	7.652737	.0076131	.0191738
#3	9.466984	.1023664	.1305521	7.801066	.0090120	.0191455

Sample Name: PB108390BS Acquired: 4/20/2018 13:23:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0207985	.1419530	.1686395	F .0147341	.1975509	.0899155
Stddev	.0001922	.0069637	.0010940	.0005158	.0024425	.0026082
%RSD	.9242345	4.905647	.6487015	3.500722	1.236363	2.900728

#1	.0207340	.1423262	.1696477	.0148604	.1948695	.0870380
#2	.0206468	.1487227	.1687947	.0151750	.1981348	.0921242
#3	.0210147	.1348103	.1674763	.0141669	.1996485	.0905843

Elem	Sr4077
Units	ppm
Avg	.1996469
Stddev	.0007959
%RSD	.3986527

#1	.1987298
#2	.2001570
#3	.2000540

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2066.797	2871.697	38388.84	5513.592	3965.936
Stddev	9.491	29.978	34.34	17.138	28.767
%RSD	.4592348	1.043917	.0894555	.3108380	.7253506

#1	2065.224	2893.378	38379.99	5532.275	3982.728
#2	2058.191	2884.226	38426.74	5498.600	3982.360
#3	2076.977	2837.487	38359.79	5509.900	3932.719

Sample Name: J2400-08 Acquired: 4/20/2018 13:27:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1CP2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0949101	.0043407	.4038147	.0071686	.0049976	68.28088	1.535627
Stddev	.0024273	.0049622	.0026735	.0004570	.0023884	.21451	.005405
%RSD	2.557487	114.3194	.6620521	6.374603	47.79041	.3141522	.3519877

#1	.0975193	.0004439	.4035653	.0071849	.0043783	68.15798	1.540402
#2	.0944919	.0026511	.4012747	.0067037	.0029799	68.52857	1.529758
#3	.0927190	.0099270	.4066042	.0076172	.0076346	68.15610	1.536720

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055426	.0505382	29.39615	.1011517	.0709874	.1749362	130.4694
Stddev	.0000512	.0002152	.18449	.0005581	.0003412	.0025124	.4002
%RSD	.9244568	.4258150	.6275935	.5517468	.4805754	1.436199	.3067724

#1	.0054873	.0507785	29.18709	.1005149	.0710774	.1769340	130.1255
#2	.0055885	.0503631	29.46524	.1015556	.0712744	.1757592	130.3739
#3	.0055519	.0504730	29.53613	.1013847	.0706102	.1721156	130.9087

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.127902	21.35301	.1596589	-.006619	.8047063	.1931342	2.738816
Stddev	.019871	.33169	.0002832	.000278	.1180120	.0035300	.019708
%RSD	.4813760	1.553381	.1773972	4.203981	14.66523	1.827718	.7195985

#1	4.119074	21.05587	.1594741	-.006336	.9290247	.1930746	2.716615
#2	4.113976	21.29230	.1595176	-.006629	.7908746	.1896344	2.745585
#3	4.150658	21.71087	.1599850	-.006892	.6942196	.1966936	2.754248

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.19585	1.678834	.2108133	.0035215	1.520349	2.831105	.0096282
Stddev	.04318	.013885	.0026346	.0002180	.013756	.021183	.0015886
%RSD	.2666193	.8270679	1.249740	6.191748	.9047675	.7482104	16.49964

#1	16.22600	1.694612	.2084652	.0034897	1.536231	2.810785	.0112135
#2	16.21516	1.673418	.2103122	.0033211	1.512616	2.829474	.0096349
#3	16.14638	1.668474	.2136625	.0037537	1.512200	2.853056	.0080363

Sample Name: J2400-08 Acquired: 4/20/2018 13:27:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME1CP2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8321529	.0603289	.2023921
Stddev	.0041619	.0009480	.0003254
%RSD	.5001372	1.571405	.1607691

#1	.8343649	.0613424	.2022912
#2	.8347416	.0594640	.2027560
#3	.8273520	.0601802	.2021291

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2294.887	3235.556	42510.42	6183.528	3821.970
Stddev	13.704	8.363	194.30	33.466	5.563
%RSD	.5971396	.2584565	.4570528	.5412067	.1455529

#1	2279.657	3226.271	42325.15	6171.722	3816.604
#2	2306.221	3242.494	42493.46	6157.564	3827.711
#3	2298.782	3237.904	42712.63	6221.296	3821.594

Sample Name: J2400-09 Acquired: 4/20/2018 13:31:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1CP2D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0965336	.0024311	.4078377	.0077583	.0041988	68.80445	1.541425
Stddev	.0033144	.0014617	.0075580	.0018949	.0014442	.04893	.004677
%RSD	3.433451	60.12663	1.853187	24.42421	34.39592	.0711173	.3034056

#1	.0989498	.0041131	.4105040	.0093288	.0033929	68.79005	1.542446
#2	.0978960	.0017126	.4137013	.0056537	.0033373	68.76434	1.545508
#3	.0927551	.0014677	.3993080	.0082924	.0058661	68.85897	1.536323

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056396	.0504970	29.56212	.1021021	.0709297	.1744904	130.5801
Stddev	.0001624	.0009919	.04487	.0005302	.0012182	.0026892	.4342
%RSD	2.880074	1.964217	.1517861	.5192654	1.717447	1.541145	.3324829

#1	.0057180	.0509925	29.51088	.1018476	.0715053	.1774730	130.1234
#2	.0054528	.0511434	29.59437	.1027116	.0717534	.1737474	130.6294
#3	.0057479	.0493550	29.58112	.1017472	.0695304	.1722509	130.9875

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.139241	21.34616	.1599679	-.006771	.9562385	.1942095	2.769476
Stddev	.017811	.09768	.0035728	.000251	.2592539	.0069520	.038251
%RSD	.4303007	.4576159	2.233452	3.708099	27.11184	3.579613	1.381178

#1	4.123709	21.44160	.1611714	-.006599	1.010570	.2014644	2.778471
#2	4.135331	21.35050	.1627835	-.007059	.674124	.1935579	2.727528
#3	4.158682	21.24638	.1559487	-.006655	1.184021	.1876064	2.802428

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.30353	1.679990	.2108370	.0036290	1.525508	2.839516	.0087137
Stddev	.19407	.032607	.0002689	.0000675	.032149	.044940	.0002933
%RSD	1.190382	1.940878	.1275555	1.860983	2.107456	1.582658	3.365901

#1	16.08384	1.700763	.2105284	.0036244	1.550519	2.857072	.0090439
#2	16.45170	1.696798	.2110216	.0036988	1.536761	2.788448	.0086137
#3	16.37505	1.642409	.2109610	.0035639	1.489245	2.873028	.0084835

Sample Name: J2400-09 Acquired: 4/20/2018 13:31:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME1CP2D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8418926	.0617371	.2031004
Stddev	.0030641	.0015598	.0005464
%RSD	.3639516	2.526451	.2690490

#1	.8442945	.0630452	.2024849
#2	.8384418	.0600109	.2035284
#3	.8429415	.0621553	.2032879

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2268.522	3218.601	42097.75	6136.343	3806.781
Stddev	2.869	30.915	100.40	21.746	43.736
%RSD	.1264502	.9605089	.2384848	.3543847	1.148904

#1	2265.216	3203.002	42135.14	6151.577	3785.181
#2	2269.993	3198.594	41984.02	6146.012	3778.047
#3	2270.356	3254.208	42174.08	6111.439	3857.115

Sample Name: J2400-10 Acquired: 4/20/2018 13:35:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1CP2S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1647646	.0850874	.4336645	.0252080	.1824473	70.80015	5.408179
Stddev	.0040216	.0046226	.0007229	.0017570	.0015761	.34920	.030818
%RSD	2.440798	5.432824	.1666873	6.970098	.8638438	.4932162	.5698375

#1	.1611221	.0856932	.4344102	.0258103	.1806339	70.59000	5.380703
#2	.1640912	.0893773	.4336165	.0265847	.1832214	70.60721	5.402332
#3	.1690803	.0801918	.4329669	.0232290	.1834865	71.20325	5.441501

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0969077	.1474230	28.82829	.5065197	1.112904	.6592390	130.2189
Stddev	.0001427	.0005770	.14608	.0023859	.001657	.0028279	.2959
%RSD	.1472354	.3913575	.5067417	.4710461	.1488685	.4289666	.2272682

#1	.0967441	.1480178	28.71054	.5056491	1.111735	.6566265	129.9218
#2	.0970063	.1468657	28.78255	.5092187	1.112177	.6588487	130.2214
#3	.0969726	.1473855	28.99177	.5046913	1.114800	.6622418	130.5136

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.034135	20.94363	1.208189	.0851370	.9723720	1.200473	3.652634
Stddev	.020103	.07716	.001137	.0006417	.1153652	.006804	.008214
%RSD	.3993335	.3684332	.0941243	.7537836	11.86431	.5667662	.2248737

#1	5.012341	20.87220	1.207378	.0855095	1.035892	1.208280	3.644213
#2	5.038110	20.93321	1.207699	.0855056	1.042018	1.195805	3.660624
#3	5.051953	21.02547	1.209489	.0843960	.839207	1.197334	3.653065

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.99887	1.655731	.2079440	.0034506	1.490113	2.785426	.0079601
Stddev	.08135	.011509	.0007805	.0001988	.016627	.009160	.0012114
%RSD	.5084579	.6951303	.3753319	5.760057	1.115852	.3288620	15.21882

#1	15.96910	1.669020	.2070492	.0032378	1.508634	2.794983	.0069638
#2	15.93660	1.649248	.2084840	.0034825	1.485234	2.776722	.0076078
#3	16.09091	1.648925	.2082989	.0036315	1.476470	2.784572	.0093086

Sample Name: J2400-10 Acquired: 4/20/2018 13:35:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1CP2S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8289182	.0621505	.1992094
Stddev	.0028010	.0008642	.0007675
%RSD	.3379132	1.390472	.3852516

#1	.8257455	.0628508	.1984646
#2	.8299606	.0624160	.1991658
#3	.8310487	.0611847	.1999977

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2302.994	3189.058	42388.63	6104.855	3782.513
Stddev	11.090	20.395	275.89	28.719	22.843
%RSD	.4815372	.6395170	.6508645	.4704239	.6039145

#1	2306.426	3212.419	42479.73	6137.872	3806.923
#2	2290.595	3174.801	42078.71	6085.671	3761.652
#3	2311.963	3179.953	42607.46	6091.022	3778.963

Sample Name: J2400-08LX5 Acquired: 4/20/2018 13:39:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1CP2L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0262016	.0005304	.0781061	.0029958	.0007990	14.51538	.3309816
Stddev	.0009100	.0014459	.0015959	.0024062	.0009884	.05806	.0003094
%RSD	3.473200	272.5968	2.043275	80.31841	123.7088	.3999931	.0934796

#1	.0272021	.0003716	.0764160	.0023590	.0007075	14.52733	.3307766
#2	.0259793	-.000830	.0783150	.0056564	.0018299	14.45228	.3308307
#3	.0254233	.002049	.0795873	.0009721	-.000141	14.56654	.3313375

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012325	.0096606	6.311716	.0257170	.0138519	.0396757	28.22701
Stddev	.0001045	.0000393	.013712	.0005350	.0002647	.0017902	.18802
%RSD	8.477668	.4072458	.2172528	2.080459	1.911210	4.512000	.6661042

#1	.0013247	.0096757	6.327455	.0251156	.0135505	.0413411	28.14063
#2	.0011190	.0096901	6.305344	.0261401	.0140467	.0399035	28.44270
#3	.0012536	.0096159	6.302348	.0258953	.0139585	.0377825	28.09770

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9019586	4.650541	.0355574	-.001336	.1146194	.0436076	.5834434
Stddev	.0078894	.043608	.0003165	.000308	.1950959	.0045386	.0093540
%RSD	.8747004	.9376993	.8902372	23.05917	170.2119	10.40773	1.603241

#1	.8930102	4.628924	.0352024	-.001529	.3229794	.0386696	.5771274
#2	.9079117	4.700734	.0358105	-.001497	.0846150	.0445565	.5790133
#3	.9049540	4.621963	.0356592	-.000980	-.063736	.0475967	.5941894

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.243984	.3293916	.0454137	.0013381	.2918574	.6174400	.0024978
Stddev	.117752	.0030787	.0002600	.0002135	.0036237	.0007963	.0001200
%RSD	3.629860	.9346591	.5725121	15.95904	1.241590	.1289699	4.804490

#1	3.146944	.3264744	.0456419	.0011832	.2885226	.6183578	.0026227
#2	3.374984	.3326097	.0454684	.0015817	.2957135	.6169325	.0023834
#3	3.210024	.3290907	.0451307	.0012496	.2913359	.6170298	.0024871

Sample Name: J2400-08LX5 Acquired: 4/20/2018 13:39:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1CP2L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1807326	.0146909	.0434729
Stddev	.0012885	.0008775	.0001383
%RSD	.7129326	5.973080	.3181875

#1	.1793168	.0154514	.0434089
#2	.1818364	.0148905	.0433781
#3	.1810447	.0137308	.0436316

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2141.412	3023.549	39645.75	5620.567	4013.722
Stddev	23.142	15.293	124.38	27.113	10.689
%RSD	1.080666	.5058078	.3137322	.4823892	.2663038

#1	2117.974	3031.742	39513.46	5620.375	4021.087
#2	2142.017	3005.905	39663.48	5593.550	4001.463
#3	2164.245	3033.000	39760.32	5647.775	4018.618

Sample Name: PB108391BL Acquired: 4/20/2018 13:43:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL 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	-.001308	.0016079	-.001671	-.000216	-.000104	-.018099	-.000916
Stddev	.002513	.0009229	.000586	.000943	.000947	.003634	.000301
%RSD	192.1982	57.39800	35.08779	436.2021	908.2182	20.07702	32.89697

#1	.001548	.0025684	-.001605	.000676	-.000206	-.017597	-.000616
#2	-.002286	.0015277	-.002287	-.000123	-.000996	-.021958	-.000912
#3	-.003185	.0007278	-.001120	-.001202	.000889	-.014742	-.001219

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000796	-.000143	-.014020	.0001147	.0000798	.0021442	-.005113
Stddev	.0000448	.000057	.020052	.0008071	.0000216	.0027341	.008587
%RSD	56.24943	39.65326	143.0198	703.4826	27.05689	127.5144	167.9542

#1	.0000367	-.000158	-.023777	.0010033	.0001020	.0033298	.004731
#2	.0000761	-.000081	-.027327	-.000086	.0000787	-.000983	-.009004
#3	.0001260	-.000191	.009043	-.000573	.0000588	.004085	-.011066

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002442	.0094474	.0004622	-.000021	-.040873	-.009659	-.002136
Stddev	.0015679	.0394966	.0002636	.000240	.071821	.001532	.005247
%RSD	642.1664	418.0700	57.02739	1136.446	175.7156	15.86350	245.6990

#1	.0008433	-.011182	.0004468	.000212	-.106753	-.007903	-.008152
#2	-.001535	.054987	.0002067	-.000009	.035691	-.010353	.001491
#3	.001424	-.015463	.0007332	-.000267	-.051558	-.010722	.000255

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.171795	.0006006	-.000886	.0000873	-.012259	-.004367	.0008625
Stddev	.106769	.0001669	.000329	.0002594	.002895	.002208	.0004928
%RSD	62.14891	27.79573	37.12176	297.0258	23.61294	50.56247	57.13367

#1	-.183467	.0006698	-.000551	-.000187	-.014016	-.005775	.0004777
#2	-.059670	.0007217	-.001209	.000120	-.008918	-.001822	.0014179
#3	-.272248	.0004101	-.000897	.000329	-.013843	-.005505	.0006918

Sample Name: PB108391BL Acquired: 4/20/2018 13:43:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007904	.0014664	.0000515
Stddev	.0000836	.0005951	.0001307
%RSD	10.58023	40.58142	253.5690

#1	.0008560	.0008363	.0000532
#2	.0008188	.0020188	.0001813
#3	.0006962	.0015440	-.000080

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2087.894	2885.148	38380.67	5338.392	4014.796
Stddev	14.900	7.037	120.63	8.053	3.139
%RSD	.7136592	.2438893	.3143023	.1508420	.0781937

#1	2098.563	2877.455	38506.87	5332.825	4015.663
#2	2094.249	2886.731	38368.63	5334.725	4011.314
#3	2070.870	2891.259	38266.51	5347.625	4017.410

Sample Name: J2399-07 Acquired: 4/20/2018 13:52:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1CM1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0769575	.0029029	.1329839	.0104793	.0052765	100.9374	1.670714
Stddev	.0023604	.0038924	.0007272	.0040400	.0007316	.5620	.001476
%RSD	3.067108	134.0879	.5468616	38.55165	13.86450	.5568110	.0883664

#1	.0783631	.0003821	.1326031	.0059408	.0061150	100.5146	1.670799
#2	.0742324	.0073859	.1325261	.0118144	.0047686	101.5752	1.669196
#3	.0782770	.0009407	.1338225	.0136828	.0049459	100.7223	1.672145

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071894	.0111260	40.59045	.1149089	.0805622	.1309240	165.6930
Stddev	.0000442	.0000374	.17258	.0005790	.0004171	.0057872	.2900
%RSD	.6145960	.3361241	.4251827	.5038615	.5176685	4.420292	.1750281

#1	.0071470	.0111474	40.41947	.1143912	.0802418	.1347927	165.7084
#2	.0072352	.0111478	40.76460	.1148013	.0804110	.1337085	165.3956
#3	.0071862	.0110828	40.58729	.1155341	.0810338	.1242709	165.9750

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.710006	28.58708	.2045411	-.008921	1.009510	.2238761	1.464423
Stddev	.009265	.11239	.0003861	.000208	.252931	.0036694	.041816
%RSD	.2497434	.3931446	.1887730	2.327903	25.05480	1.639033	2.855494

#1	3.716916	28.48651	.2047962	-.008690	.976918	.2209550	1.476848
#2	3.699477	28.56632	.2047302	-.008983	.774455	.2279946	1.417801
#3	3.713624	28.70839	.2040968	-.009092	1.277156	.2226785	1.498618

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.63305	1.287100	.2580673	.0013860	1.111579	2.253482	.0038240
Stddev	.03837	.002702	.0012274	.0003375	.005160	.017336	.0010948
%RSD	.2814795	.2098949	.4755944	24.35362	.4641771	.7692797	28.62974

#1	13.66255	1.288395	.2577338	.0012104	1.109566	2.272080	.0030161
#2	13.64694	1.288911	.2570412	.0017752	1.117442	2.250594	.0050701
#3	13.58966	1.283995	.2594269	.0011724	1.107730	2.237771	.0033860

Sample Name: J2399-07 Acquired: 4/20/2018 13:52:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1CM1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4871297	.0866883	.2743407
Stddev	.0054028	.0011976	.0007539
%RSD	1.109115	1.381454	.2748100

#1	.4889227	.0870139	.2740973
#2	.4914081	.0876893	.2751863
#3	.4810583	.0853616	.2737386

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2303.299	3242.755	42495.08	6098.272	3750.590
Stddev	16.242	1.515	163.63	38.542	2.241
%RSD	.7051791	.0467248	.3850483	.6320110	.0597531

#1	2285.807	3241.470	42314.71	6085.312	3751.622
#2	2317.905	3244.426	42536.56	6067.881	3752.130
#3	2306.184	3242.369	42633.98	6141.623	3748.019

Sample Name: J2399-08 Acquired: 4/20/2018 13:56:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1CM1D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0749931	.0029500	.1326608	.0105601	.0045120	100.3557	1.649789
Stddev	.0046873	.0011498	.0009107	.0060323	.0031828	.3231	.007234
%RSD	6.250303	38.97595	.6864799	57.12379	70.54104	.3219215	.4385068

#1	.0779304	.0042159	.1334979	.0051875	.0061853	99.9869	1.651634
#2	.0774614	.0026638	.1316910	.0094071	.0008416	100.5886	1.641810
#3	.0695874	.0019703	.1327935	.0170858	.0065092	100.4916	1.655921

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070637	.0111569	40.29897	.1134977	.0796146	.1301328	163.3892
Stddev	.0001089	.0002245	.06243	.0003879	.0002178	.0012380	.3341
%RSD	1.541540	2.012104	.1549288	.3417790	.2735275	.9513538	.2044706

#1	.0071068	.0109509	40.30141	.1136668	.0796837	.1288129	163.3738
#2	.0071444	.0113962	40.23535	.1137723	.0797894	.1312682	163.0631
#3	.0069398	.0111237	40.36015	.1130539	.0793706	.1303173	163.7308

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.654757	28.23623	.2010053	-.008892	.9743234	.2234474	1.483079
Stddev	.026609	.10270	.0005942	.000116	.2221888	.0015455	.024294
%RSD	.7280536	.3637143	.2956095	1.306780	22.80442	.6916430	1.638081

#1	3.648268	28.32499	.2016513	-.008950	1.006080	.2218760	1.488959
#2	3.631992	28.12375	.2008822	-.008967	1.178925	.2235009	1.456385
#3	3.684009	28.25995	.2004822	-.008758	.737965	.2249655	1.503894

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.52375	1.273597	.2568631	.0014027	1.104154	2.243969	.0049848
Stddev	.03733	.003129	.0032339	.0001394	.004725	.006382	.0011980
%RSD	.2760141	.2456888	1.259006	9.939128	.4279428	.2844092	24.03252

#1	13.48066	1.270643	.2580722	.0013580	1.101604	2.239589	.0057520
#2	13.54639	1.273273	.2531989	.0012911	1.101252	2.241027	.0055980
#3	13.54419	1.276876	.2593183	.0015590	1.109606	2.251292	.0036043

Sample Name: J2399-08 Acquired: 4/20/2018 13:56:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME1CM1D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4860509	.0854544	.2716202
Stddev	.0040460	.0007311	.0004341
%RSD	.8324270	.8555607	.1598212

#1	.4816355	.0854641	.2714659
#2	.4869362	.0861807	.2712842
#3	.4895809	.0847185	.2721103

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2314.838	3263.894	43045.51	6161.092	3791.742
Stddev	13.453	7.847	44.30	19.467	3.113
%RSD	.5811726	.2404325	.1029196	.3159727	.0820888

#1	2319.120	3271.689	43096.54	6179.237	3793.468
#2	2325.629	3255.995	43023.12	6140.528	3788.149
#3	2299.765	3263.997	43016.88	6163.509	3793.610

Sample Name: J2399-09 Acquired: 4/20/2018 14:00:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1CM1S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1425755	.0905755	.1692782	.0213363	.1797381	102.1295	5.497805
Stddev	.0047166	.0005353	.0022043	.0024110	.0019968	.2248	.016330
%RSD	3.308154	.5910589	1.302180	11.30012	1.110956	.2201261	.2970325

#1	.1479790	.0900378	.1667928	.0240086	.1779436	102.0840	5.480363
#2	.1392836	.0905803	.1700456	.0206762	.1818892	102.3735	5.500319
#3	.1404639	.0911085	.1709963	.0193241	.1793816	101.9308	5.512732

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0974613	.1107729	39.52456	.5139796	1.128029	.6150186	162.6877
Stddev	.0008649	.0007572	.03627	.0009068	.004464	.0079454	.4550
%RSD	.8874133	.6835667	.0917753	.1764377	.3957737	1.291891	.2797064

#1	.0974658	.1107462	39.51521	.5147933	1.124698	.6072151	162.2170
#2	.0965942	.1115431	39.56460	.5130020	1.133102	.6147420	162.7209
#3	.0983240	.1100294	39.49388	.5141436	1.126287	.6230986	163.1253

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.588938	27.86080	1.256873	.0825529	1.099071	1.223263	2.466558
Stddev	.008097	.18342	.005637	.0002187	.120972	.002881	.064634
%RSD	.1764510	.6583449	.4484687	.2648801	11.00680	.2354870	2.620428

#1	4.579605	27.82506	1.253652	.0823015	.997563	1.219971	2.404747
#2	4.594089	27.69789	1.263382	.0826583	1.232930	1.224496	2.533687
#3	4.593120	28.05947	1.253586	.0826989	1.066720	1.225321	2.461240

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.19841	1.268230	.2540198	.0014479	1.090800	2.182793	.0043608
Stddev	.04339	.013979	.0031308	.0001039	.016122	.016170	.0010064
%RSD	.3287512	1.102227	1.232491	7.179187	1.477964	.7407873	23.07787

#1	13.19714	1.268433	.2506623	.0013569	1.104547	2.171589	.0041618
#2	13.15567	1.282107	.2545381	.0014256	1.094796	2.175460	.0034688
#3	13.24243	1.254151	.2568592	.0015611	1.073055	2.201330	.0054519

Sample Name: J2399-09 Acquired: 4/20/2018 14:00:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME1CM1S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4746706	.0861840	.2671712
Stddev	.0030421	.0004308	.0002601
%RSD	.6408803	.4998573	.0973396

#1	.4772231	.0864872	.2668891
#2	.4754842	.0856908	.2672230
#3	.4713044	.0863739	.2674014

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2312.707	3222.634	42729.16	6176.135	3759.243
Stddev	17.450	12.765	117.26	48.278	14.108
%RSD	.7545161	.3961033	.2744329	.7816898	.3752996

#1	2332.334	3223.927	42614.72	6128.264	3765.744
#2	2306.841	3209.273	42723.70	6224.810	3743.056
#3	2298.946	3234.704	42849.05	6175.329	3768.929

Sample Name: J2399-07LX5 Acquired: 4/20/2018 14:04:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1CM1L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0214299	.0026122	.0263194	.0012069	.0019206	22.01289	.3677552
Stddev	.0024814	.0018729	.0004709	.0006736	.0003363	.09333	.0015094
%RSD	11.57927	71.69917	1.789374	55.80940	17.50981	.4239999	.4104415

#1	.0186217	.0005609	.0260953	.0005474	.0019677	21.92379	.3679259
#2	.0223411	.0030445	.0260023	.0011797	.0022308	22.10995	.3691720
#3	.0233269	.0042312	.0268605	.0018937	.0015632	22.00494	.3661676

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017051	.0019756	8.940504	.0272411	.0159323	.0336677	36.74016
Stddev	.0000996	.0001316	.028397	.0001684	.0001956	.0056177	.11379
%RSD	5.840306	6.662861	.3176190	.6183477	1.227417	16.68557	.3097210

#1	.0016124	.0018759	8.922381	.0273311	.0161581	.0271841	36.76455
#2	.0018104	.0019260	8.973231	.0270468	.0158188	.0367347	36.83978
#3	.0016925	.0021248	8.925901	.0273455	.0158200	.0370842	36.61615

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8250473	6.240790	.0423194	-.001806	.1444979	.0486583	.3093751
Stddev	.0050828	.056691	.0003544	.000312	.1823574	.0034923	.0060795
%RSD	.6160570	.9083988	.8374337	17.24951	126.2007	7.177277	1.965098

#1	.8223286	6.180603	.0426920	-.002077	.1390060	.0477819	.3071500
#2	.8309112	6.293178	.0419866	-.001875	-.035052	.0525054	.3162537
#3	.8219022	6.248589	.0422797	-.001466	.329539	.0456876	.3047216

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.643598	.2571609	.0566310	.0002602	.2127510	.5100748	.0019699
Stddev	.031581	.0011554	.0004636	.0001834	.0016208	.0087139	.0009164
%RSD	1.194633	.4492788	.8185962	70.46568	.7618295	1.708358	46.52113

#1	2.658452	.2575114	.0563455	.0004001	.2126070	.5107536	.0013451
#2	2.607329	.2558708	.0563816	.0003280	.2144389	.5010414	.0015426
#3	2.665014	.2581004	.0571659	.0000526	.2112069	.5184295	.0030219

Sample Name: J2399-07LX5 Acquired: 4/20/2018 14:04:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1CM1L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1076255	.0188259	.0602167
Stddev	.0014250	.0005254	.0001733
%RSD	1.324025	2.790885	.2878450

#1	.1060098	.0185567	.0600879
#2	.1087031	.0184897	.0601484
#3	.1081635	.0194314	.0604137

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2179.500	3036.569	39941.78	5623.675	4006.692
Stddev	12.990	6.196	93.47	4.943	1.959
%RSD	.5960017	.2040498	.2340160	.0878938	.0488880

#1	2190.649	3043.624	39919.67	5618.025	4008.054
#2	2165.236	3034.074	39861.34	5627.200	4007.574
#3	2182.615	3032.009	40044.32	5625.800	4004.447

Sample Name: PB108284BS Acquired: 4/20/2018 14:08:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0174545	.0428827	.0174230	.0616581	.1109965	.3955388
Stddev	.0030558	.0010678	.0002452	.0011512	.0002503	.0071532
%RSD	17.50727	2.490129	1.407293	1.867002	.2255131	1.808479

#1	.0165922	.0417427	.0172931	.0617953	.1111257	.3947633
#2	.0208488	.0430457	.0177058	.0604445	.1111558	.3888048
#3	.0149225	.0438597	.0172700	.0627345	.1107080	.4030481

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3877512	.0090855	.0089111	10.11409	.0214457	.0928269
Stddev	.0006296	.0000771	.0000303	.01350	.0003046	.0004223
%RSD	.1623670	.8483539	.3395359	.1335206	1.420171	.4548984

#1	.3884344	.0090061	.0089421	10.11864	.0211644	.0923901
#2	.3871945	.0090905	.0088817	10.12473	.0214034	.0932329
#3	.3876246	.0091600	.0089096	10.09890	.0217692	.0928577

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0530218	.2397254	.0311398	9.340238	.0769612	.0190061
Stddev	.0021775	.0158720	.0008073	.054813	.0002475	.0002125
%RSD	4.106719	6.620902	2.592407	.5868446	.3215528	1.118304

#1	.0544890	.2543698	.0320718	9.393352	.0767843	.0191578
#2	.0505200	.2228598	.0306835	9.343490	.0772440	.0190974
#3	.0540565	.2419465	.0306639	9.283872	.0768553	.0187632

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.580554	.1062354	.1313021	7.626089	F .0080986	F .0174321
Stddev	.057298	.0034463	.0149304	.113369	.0007460	.0010583
%RSD	.5980622	3.243972	11.37105	1.486598	9.210879	6.070954

#1	9.516838	.1030910	.1318980	7.506645	.0088413	.0172881
#2	9.596978	.1056955	.1459257	7.639417	.0073495	.0185550
#3	9.627846	.1099198	.1160827	7.732206	.0081050	.0164532

Sample Name: PB108284BS Acquired: 4/20/2018 14:08:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0201360	.1361162	.1723621	F .0139818	.2026443	.0880959
Stddev	.0003204	.0039149	.0010930	.0005879	.0024817	.0005996
%RSD	1.591145	2.876120	.6341399	4.205027	1.224647	.6806436

#1	.0199434	.1317693	.1731365	.0133029	.2048898	.0887505
#2	.0199587	.1393640	.1711118	.0143197	.1999798	.0879639
#3	.0205058	.1372154	.1728380	.0143228	.2030635	.0875733

Elem	Sr4077
Units	ppm
Avg	.1983309
Stddev	.0002438
%RSD	.1229161

#1	.1985076
#2	.1984323
#3	.1980528

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2110.791	2949.498	39170.53	5560.683	4039.882
Stddev	12.930	4.222	196.80	7.102	6.649
%RSD	.6125751	.1431313	.5024110	.1277244	.1645763

#1	2123.778	2948.715	39395.08	5552.750	4043.048
#2	2097.918	2954.057	39028.05	5566.450	4044.357
#3	2110.677	2945.723	39088.45	5562.850	4032.242

Sample Name: PB108284TB Acquired: 4/20/2018 14:12:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LEB001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015700	-.002309	-.000955	.0057174	.0000675	.0136667
Stddev	.0019320	.001121	.001292	.0017229	.0011868	.0030144
%RSD	123.0564	48.55664	135.2458	30.13401	1757.062	22.05660

#1	.0009363	-.001075	-.000779	.0043279	.0008960	.0103356
#2	.0000344	-.002587	-.002326	.0076451	.0005986	.0162067
#3	.0037393	-.003266	.000239	.0051791	-.001292	.0144577

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003071	.0000473	-.000302	.0072154	.0008436	.0002746
Stddev	.0003924	.0000644	.000128	.0124969	.0003070	.0002180
%RSD	127.8022	136.2903	42.37551	173.1972	36.38683	79.38014

#1	.0007061	.0000204	-.000273	-.002779	.0006625	.0001219
#2	.0002935	.0000006	-.000191	.021227	.0006702	.0005243
#3	-.000078	.0001208	-.000442	.003198	.0011980	.0001777

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002277	.0044392	-.000303	.0715470	.0116737	.0007291
Stddev	.004532	.0066366	.000401	.0259341	.0002636	.0001465
%RSD	199.0134	149.4990	132.2846	36.24763	2.258158	20.09215

#1	-.005841	.0023726	.000158	.0970280	.0119360	.0005634
#2	.002823	.0118633	-.000570	.0724307	.0114088	.0008416
#3	-.003813	-.000918	-.000498	.0451824	.0116765	.0007822

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1672.605	-.001825	.0076041	-2.01382	.0010838	.0013749
Stddev	8.675	.005698	.0020710	.01293	.0001847	.0002603
%RSD	.5186651	312.1624	27.23478	.6422437	17.04702	18.93125

#1	1665.327	-.008387	.0084981	-2.02832	.0009524	.0011282
#2	1670.282	.001870	.0090780	-2.00347	.0012950	.0013496
#3	1682.205	.001041	.0052363	-2.00968	.0010038	.0016469

Sample Name: PB108284TB Acquired: 4/20/2018 14:12:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LEB001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000168	.0008082	.0005339	.0031397	.0006817	-.001553
Stddev	.000065	.0031121	.0018001	.0013131	.0023154	.000530
%RSD	38.39751	385.0461	337.1502	41.82126	339.6284	34.15006

#1	-.000242	.0007542	.0023589	.0018989	.0023083	-.001284
#2	-.000141	-.002276	.0004833	.0045148	.0017060	-.001211
#3	-.000122	.003947	-.001240	.0030055	-.001969	-.002164

Elem	Sr4077
Units	ppm
Avg	.0001292
Stddev	.0001069
%RSD	82.74789

#1	.0001807
#2	.0000063
#3	.0002006

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2034.867	2790.148	35946.02	5606.329	3379.446
Stddev	10.797	2.702	121.01	28.417	2.179
%RSD	.5305943	.0968403	.3366558	.5068753	.0644738

#1	2041.608	2793.233	36074.93	5575.020	3381.490
#2	2022.414	2789.009	35834.86	5613.477	3379.693
#3	2040.579	2788.202	35928.27	5630.489	3377.154

Sample Name: J2389-03 Acquired: 4/20/2018 14:16:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MESSM4S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0441517	.0317163	.0160442	.0186900	.0966338	1.988507
Stddev	.0029041	.0011986	.0005731	.0031343	.0018162	.082664
%RSD	6.577460	3.779098	3.572211	16.76987	1.879454	4.157104

#1	.0467122	.0325405	.0166158	.0154624	.0973046	1.916079
#2	.0447465	.0303413	.0160470	.0217218	.0945777	2.078563
#3	.0409962	.0322670	.0154696	.0188857	.0980192	1.970879

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.449677	.0454226	.0462618	F 806.9119	.2040375	.4777451
Stddev	.105043	.0013940	.0001867	33.4701	.0125157	.0016080
%RSD	4.288042	3.068939	.4035226	4.147923	6.134038	.3365821

#1	2.386106	.0449208	.0463826	783.8733	.2184853	.4792837
#2	2.570923	.0469980	.0463561	845.3043	.1971130	.4778758
#3	2.392003	.0443490	.0460468	791.5581	.1965142	.4760757

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2730275	.8735608	1.397514	13.11781	.4935444	.0518351
Stddev	.0135136	.0384796	.062642	.60602	.0012631	.0029511
%RSD	4.949536	4.404914	4.482384	4.619851	.2559320	5.693309

#1	.2629632	.8408856	1.351226	12.66537	.4950018	.0552418
#2	.2883868	.9159738	1.468794	13.80635	.4927655	.0500632
#3	.2677325	.8638230	1.372522	12.88170	.4928660	.0502002

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1690.410	.5134897	.6995599	-.424673	.0144983	.0367109
Stddev	61.591	.0204323	.0497340	.098249	.0005999	.0018293
%RSD	3.643574	3.979115	7.109327	23.13512	4.137814	4.983108

#1	1653.114	.4956548	.7562869	-.498996	.0142557	.0365854
#2	1761.501	.5357832	.6789430	-.313283	.0151815	.0385998
#3	1656.616	.5090311	.6634499	-.461739	.0140577	.0349475

Sample Name: J2389-03 Acquired: 4/20/2018 14:16:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MESSM4S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037656	1.034210	1.182150	-.000108	-.015026	.0116376
Stddev	.0002461	.004006	.031015	.001157	.002160	.0025151
%RSD	6.534636	.3873949	2.623638	1067.036	14.37692	21.61225

#1	.0037463	1.035580	1.168030	.001102	-.013745	.0102962
#2	.0035297	1.029699	1.217713	-.001203	-.013814	.0145391
#3	.0040207	1.037352	1.160707	-.000225	-.017521	.0100775

Elem	Sr4077
Units	ppm
Avg	.4869869
Stddev	.0197609
%RSD	4.057786

#1	.4746650
#2	.5097798
#3	.4765161

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1843.183	2608.770	33692.38	5344.751	3100.838
Stddev	106.788	10.852	1896.53	198.120	6.412
%RSD	5.793676	.4159896	5.628950	3.706808	.2067682

#1	1720.906	2616.247	31510.03	5439.271	3103.928
#2	1890.538	2613.741	34626.00	5117.072	3105.119
#3	1918.104	2596.323	34941.12	5477.909	3093.467

Sample Name: J2389-01LX5 Acquired: 4/20/2018 14:20:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MESSM4L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057319	.0034071	-.000920	.0015022	.0018309	.0193917	.0869557
Stddev	.0021769	.0018326	.001143	.0028984	.0009205	.0057078	.0002705
%RSD	37.97772	53.78750	124.2726	192.9447	50.27742	29.43397	.3110442

#1	.0079241	.0052629	.000303	.0020618	.0012781	.0255794	.0866547
#2	.0057009	.0033599	-.001101	-.001635	.0028936	.0182634	.0870338
#3	.0035707	.0015986	-.001962	.004080	.0013211	.0143325	.0871785

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000140	-.000212	146.6025	.0010462	-.000410	.0073345	-.018600
Stddev	.0000751	.000031	.2712	.0000915	.000174	.0047602	.008321
%RSD	537.1566	14.56743	.1850013	8.749784	42.35737	64.90182	44.73374

#1	-.000068	-.000230	146.2894	.0009741	-.000601	.0050787	-.010524
#2	.000032	-.000176	146.7655	.0010154	-.000260	.0128032	-.018131
#3	.000078	-.000230	146.7526	.0011492	-.000371	.0041215	-.027145

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1677215	2.461542	.0033672	.0001675	302.3849	-.000486	.0237599
Stddev	.0008743	.046981	.0004003	.0003101	.5254	.002626	.0138840
%RSD	.5212585	1.908592	11.88952	185.1720	.1737451	540.0888	58.43435

#1	.1685497	2.513172	.0029947	.0005003	301.8533	.001833	.0190995
#2	.1668075	2.450150	.0033164	.0001153	302.9038	-.003338	.0393745
#3	.1678075	2.421305	.0037905	-.000113	302.3976	.000047	.0128058

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.052287	.0020666	.0062510	.0007521	.1714272	.2126687	-.002000
Stddev	.027906	.0002175	.0015040	.0001209	.0022857	.0016314	.001036
%RSD	53.37093	10.52240	24.06012	16.07513	1.333355	.7671269	51.81368

#1	-.036863	.0018867	.0074467	.0006229	.1726448	.2138738	-.001188
#2	-.035497	.0020048	.0045624	.0007710	.1687904	.2133201	-.003167
#3	-.084500	.0023082	.0067439	.0008625	.1728463	.2108122	-.001644

Sample Name: J2389-01LX5 Acquired: 4/20/2018 14:20:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MESSM4L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000596	.0101863	.0902325
Stddev	.000591	.0008228	.0001651
%RSD	99.16930	8.077990	.1829983

#1	-.000880	.0111355	.0904226
#2	-.000991	.0097468	.0901249
#3	.000083	.0096765	.0901499

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1952.751	2720.824	36172.79	5485.726	3488.816
Stddev	5.028	3.440	128.11	38.656	2.037
%RSD	.2574699	.1264216	.3541666	.7046609	.0583937

#1	1958.500	2717.848	36281.50	5463.943	3491.098
#2	1950.578	2720.033	36031.55	5462.877	3487.182
#3	1949.175	2724.590	36205.32	5530.358	3488.167

Sample Name: CCV011 Acquired: 4/20/2018 14:35:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV011 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.856267	4.744733	23.89646	4.937937	5.010898	418.0926
Stddev	.061561	.070984	.26681	.066644	.072595	13.1675
%RSD	1.267664	1.496054	1.116526	1.349639	1.448752	3.149421

#1	4.895868	4.686171	24.09278	4.986058	5.066565	414.4050
#2	4.887590	4.823678	24.00393	4.965885	5.037341	432.7108
#3	4.785344	4.724350	23.59267	4.861870	4.928787	407.1621

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.04220	.4742118	2.334947	404.6670	14.62672	2.434659
Stddev	.33272	.0102888	.023326	12.9779	.05284	.027412
%RSD	3.313234	2.169654	.9990029	3.207060	.3612562	1.125917

#1	9.99274	.4726110	2.349791	402.7255	14.65745	2.454249
#2	10.39688	.4852072	2.346989	418.5063	14.65700	2.446395
#3	9.73697	.4648173	2.308061	392.7692	14.56571	2.403332

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.11165	416.7763	14.49195	407.4183	2.453293	1.186733
Stddev	.52247	14.2810	.55793	14.1969	.026024	.003181
%RSD	3.457375	3.426532	3.849955	3.484600	1.060785	.2680811

#1	15.00234	416.3285	14.43985	405.5967	2.472948	1.190202
#2	15.68012	431.2759	15.07411	422.4381	2.463151	1.186044
#3	14.65249	402.7245	13.96190	394.2201	2.423780	1.183952

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	415.5602	2.489864	14.47663	154.3394	F 2.938001	5.074291
Stddev	13.5547	.064748	.17362	5.4704	.041121	.129382
%RSD	3.261800	2.600472	1.199331	3.544413	1.399637	2.549759

#1	412.8139	2.473987	14.50147	153.6950	2.944885	5.051450
#2	430.2778	2.561075	14.63649	160.1034	2.975245	5.213572
#3	403.5889	2.434532	14.29192	149.2196	2.893872	4.957850

Sample Name: CCV011 Acquired: 4/20/2018 14:35:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV011 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.869488	4.750020	4.675078	4.878117	4.946323	5.068212
Stddev	.064916	.059325	.110931	.049308	.177393	.159827
%RSD	1.333113	1.248945	2.372814	1.010798	3.586368	3.153515

#1	4.927419	4.777142	4.650322	4.925415	4.900636	5.031141
#2	4.881719	4.790936	4.796295	4.881915	5.142091	5.243317
#3	4.799327	4.681982	4.578616	4.827019	4.796242	4.930179

Elem	Sr4077
Units	ppm
Avg	5.081502
Stddev	.170604
%RSD	3.357361

#1	5.059458
#2	5.262057
#3	4.922991

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1772.158	2371.358	33662.84	5083.950	2935.116
Stddev	21.462	34.244	286.92	153.727	38.047
%RSD	1.211056	1.444078	.8523426	3.023781	1.296267

#1	1754.161	2341.186	33435.24	5092.091	2905.016
#2	1766.402	2364.309	33568.15	4926.313	2922.451
#3	1795.911	2408.577	33985.14	5233.445	2977.880

Sample Name: CCB011 Acquired: 4/20/2018 14:39:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL 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	.0026484	.0020680	-.000301	.0022080	.0007223	-.004170	-.002425
Stddev	.0015129	.0013652	.001298	.0026339	.0017948	.015465	.000456
%RSD	57.12386	66.01386	431.5564	119.2891	248.4746	370.8461	18.78532

#1	.0011785	.0028326	-.001469	.0018823	-.001325	-.008348	-.002184
#2	.0042008	.0004919	-.000531	-.000248	.001470	.012955	-.002950
#3	.0025658	.0028795	.001097	.004990	.002023	-.017118	-.002140

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000334	-.000140	.0037538	.0003507	-.000219	.0034648	.0022098
Stddev	.0001425	.000056	.0092938	.0000667	.000214	.0036907	.0207476
%RSD	426.3006	39.80045	247.5859	19.01534	97.45159	106.5191	938.9094

#1	.0000070	-.000201	-.006589	.0002939	-.000219	-.000522	-.006224
#2	-.000094	-.000091	.011403	.0004242	-.000006	.006763	-.012993
#3	.000187	-.000130	.006447	.0003341	-.000434	.004154	.025846

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000108	.0392723	.0001698	.0005407	.1887916	.0025188	-.006179
Stddev	.0003969	.0357867	.0006309	.0000885	.0491983	.0035120	.009861
%RSD	3690.540	91.12439	371.6546	16.37176	26.05958	139.4352	159.6066

#1	.0004121	.0266152	.0006842	.0006388	.2414584	.0060669	-.009197
#2	-.000382	.0796675	-.000534	.0004668	.1440156	.0024455	-.014178
#3	.000002	.0115343	.000359	.0005166	.1809007	-.000956	.004839

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.063466	.0009270	.0070494	-.000021	-.018523	-.005792	.0003785
Stddev	.047001	.0003536	.0008597	.000203	.002202	.000937	.0001807
%RSD	74.05714	38.14190	12.19462	982.8391	11.88995	16.17191	47.74907

#1	-.032162	.0010791	.0079406	-.000232	-.020492	-.006633	.0005687
#2	-.117513	.0011792	.0062252	-.000003	-.018933	-.004782	.0003578
#3	-.040724	.0005229	.0069825	.000173	-.016144	-.005960	.0002090

Sample Name: CCB011 Acquired: 4/20/2018 14:39:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB011 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000446	.0025242	.0001419
Stddev	.001115	.0004588	.0000692
%RSD	250.1802	18.17738	48.79851

#1	.000785	.0020105	.0001769
#2	-.000732	.0028935	.0001866
#3	-.001390	.0026687	.0000621

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2120.070	2900.928	38677.48	5607.792	4076.894
Stddev	12.619	13.766	96.72	57.399	9.617
%RSD	.5952258	.4745250	.2500653	1.023553	.2359011

#1	2108.490	2899.085	38740.45	5653.275	4070.711
#2	2118.200	2915.522	38566.12	5626.800	4087.974
#3	2133.519	2888.176	38725.88	5543.300	4071.996

Sample Name: PB108389BL Acquired: 4/20/2018 14:43:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL 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	.0017717	.0021020	.0000508	-.000418	.0004349	-.009370	-.001492
Stddev	.0032795	.0001994	.0010409	.001419	.0010724	.007612	.001337
%RSD	185.1081	9.485681	2050.482	339.5038	246.5860	81.24016	89.60884

#1	-.000277	.0020528	.0006605	-.000080	-.000695	-.001797	-.000457
#2	.005554	.0019318	.0006429	.000802	.000561	-.009291	-.003001
#3	.000038	.0023214	-.001151	-.001976	.001439	-.017021	-.001018

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000861	-.000228	-.003392	.0001780	.0000957	.0025581	-.005362
Stddev	.0000170	.000042	.011036	.0003813	.0000629	.0011465	.001843
%RSD	19.75332	18.38804	325.3551	214.2437	65.78463	44.81758	34.37852

#1	.0000702	-.000248	-.000152	.0002111	.0001621	.0012454	-.003881
#2	.0000839	-.000256	-.015686	.0005416	.0000369	.0033632	-.007426
#3	.0001040	-.000180	.005661	-.000219	.0000880	.0030655	-.004778

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000130	.0065371	.0000979	.0003329	-.006174	-.005838	-.008688
Stddev	.000629	.0215947	.0004215	.0002869	.100427	.004422	.003893
%RSD	484.8511	330.3408	430.6162	86.15638	1626.562	75.74353	44.81223

#1	.000547	-.001853	.0004747	.0005844	-.093809	-.010539	-.004215
#2	-.000239	.031068	-.000357	.0000205	-.028127	-.005212	-.011315
#3	-.000697	-.009604	.000176	.0003939	.103413	-.001762	-.010534

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.030551	.0004302	.0027179	-.000073	-.016281	-.005452	.0017231
Stddev	.011757	.0011193	.0007467	.000214	.003093	.001285	.0004554
%RSD	38.48392	260.1830	27.47190	291.8060	18.99555	23.57714	26.43160

#1	-.031610	-.000326	.0035436	.000087	-.014493	-.004285	.0012734
#2	-.041744	.001716	.0020901	.000009	-.014498	-.006830	.0021841
#3	-.018301	-.000100	.0025201	-.000317	-.019852	-.005241	.0017119

Sample Name: PB108389BL Acquired: 4/20/2018 14:43:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001291	.0019837	.0001258
Stddev	.001977	.0011388	.0000363
%RSD	153.1139	57.40387	28.88451

#1	-.003494	.0026953	.0001090
#2	-.000713	.0025856	.0001675
#3	.000332	.0006704	.0001010

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2112.954	2873.668	38444.12	5464.725	4046.281
Stddev	18.230	9.474	145.09	17.957	8.826
%RSD	.8627578	.3296989	.3774168	.3285974	.2181287

#1	2091.904	2869.611	38301.16	5483.450	4043.724
#2	2123.555	2866.898	38591.26	5447.650	4039.017
#3	2123.403	2884.495	38439.95	5463.075	4056.104

Sample Name: PB108389BS Acquired: 4/20/2018 14:47:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0174757	.0368999	.0193731	.0618590	.1127333	.3808736
Stddev	.0020018	.0019718	.0009023	.0015103	.0007865	.0133103
%RSD	11.45460	5.343501	4.657695	2.441532	.6976844	3.494666

#1	.0159326	.0371833	.0193476	.0602574	.1129854	.3890494
#2	.0197376	.0348018	.0202879	.0632574	.1133629	.3655149
#3	.0167569	.0387147	.0184837	.0620621	.1118517	.3880564

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3868689	.0092583	.0084752	10.05891	.0218646	.0921644
Stddev	.0008266	.0000934	.0001400	.07575	.0004851	.0009031
%RSD	.2136603	1.008850	1.652217	.7530922	2.218550	.9799155

#1	.3874797	.0093473	.0085795	9.97190	.0213331	.0917779
#2	.3871987	.0091611	.0083161	10.09463	.0219773	.0915187
#3	.3859283	.0092665	.0085301	10.11021	.0222834	.0931964

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0540034	.2219836	.0306642	9.381273	.0771355	.0195921
Stddev	.0079314	.0186765	.0011185	.068329	.0005677	.0001253
%RSD	14.68676	8.413448	3.647488	.7283530	.7359946	.6394247

#1	.0456957	.2241609	.0293797	9.311860	.0768627	.0194495
#2	.0614954	.2023138	.0311900	9.383497	.0777881	.0196842
#3	.0548191	.2394759	.0314228	9.448463	.0767556	.0196427

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.511806	.1020515	.1297444	7.817972	F .0089475	F .0202587
Stddev	.118605	.0044312	.0075471	.068657	.0003009	.0019642
%RSD	1.246927	4.342137	5.816909	.8781960	3.362683	9.695543

#1	9.505401	.0969655	.1274562	7.738694	.0086005	.0214382
#2	9.633485	.1041097	.1381708	7.857803	.0091068	.0179913
#3	9.396534	.1050793	.1236061	7.857420	.0091352	.0213467

Sample Name: PB108389BS Acquired: 4/20/2018 14:47:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0205120	.1244831	.1706716	F .0145636	.1942204	.0894563
Stddev	.0002270	.0033748	.0012445	.0014673	.0017066	.0008793
%RSD	1.106467	2.711078	.7291600	10.07513	.8787137	.9828938

#1	.0202946	.1255634	.1717531	.0144177	.1956160	.0890599
#2	.0207474	.1207003	.1693114	.0160984	.1923176	.0904639
#3	.0204940	.1271854	.1709503	.0131747	.1947275	.0888450

Elem	Sr4077
Units	ppm
Avg	.1977355
Stddev	.0004217
%RSD	.2132759

#1	.1976453
#2	.1973662
#3	.1981950

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2032.379	2808.535	37575.24	5417.133	3904.784
Stddev	6.511	2.455	46.42	21.280	7.393
%RSD	.3203592	.0874204	.1235516	.3928203	.1893261

#1	2039.580	2810.036	37628.76	5423.775	3905.248
#2	2030.651	2805.702	37545.86	5393.325	3911.935
#3	2026.907	2809.868	37551.11	5434.300	3897.171

Sample Name: PB108391BS Acquired: 4/20/2018 14:51:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0192671	.0380023	.0180908	.0639683	.1107421	.3887513
Stddev	.0032869	.0010108	.0010449	.0038565	.0004795	.0069220
%RSD	17.05977	2.659859	5.775862	6.028705	.4329735	1.780579

#1	.0154817	.0380637	.0192693	.0679245	.1112611	.3820924
#2	.0213979	.0369622	.0177258	.0637603	.1106494	.3959094
#3	.0209218	.0389810	.0172774	.0602200	.1103157	.3882521

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3881495	.0093166	.0087076	10.11531	.0218200	.0915095
Stddev	.0024983	.0002371	.0000657	.05992	.0007402	.0003761
%RSD	.6436401	2.544798	.7543427	.5923737	3.392284	.4110312

#1	.3909271	.0095142	.0087344	10.10927	.0211195	.0912428
#2	.3860861	.0090537	.0086327	10.05864	.0225943	.0919398
#3	.3874353	.0093820	.0087556	10.17803	.0217461	.0913461

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0494271	.2344633	.0310505	9.569565	.0771561	.0192623
Stddev	.0049843	.0168504	.0008481	.063628	.0004166	.0009189
%RSD	10.08410	7.186801	2.731523	.6648968	.5399484	4.770398

#1	.0522779	.2213926	.0319880	9.502843	.0774911	.0202705
#2	.0523314	.2534808	.0308269	9.576286	.0772875	.0190445
#3	.0436718	.2285165	.0303366	9.629565	.0766896	.0184718

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.189510	.1017293	.1187763	7.818807	F .0079833	F .0199063
Stddev	.149992	.0052039	.0059451	.047527	.0005135	.0010404
%RSD	1.632204	5.115435	5.005336	.6078559	6.431829	5.226595

#1	9.129969	.1062763	.1231485	7.806783	.0081678	.0188843
#2	9.078431	.1028579	.1211736	7.778446	.0074030	.0209643
#3	9.360130	.0960537	.1120068	7.871191	.0083790	.0198704

Sample Name: PB108391BS Acquired: 4/20/2018 14:51:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0203081	.1287815	.1712788	F .0147481	.1946048	.0895561
Stddev	.0004206	.0020866	.0022722	.0007860	.0015431	.0003596
%RSD	2.071196	1.620235	1.326611	5.329690	.7929348	.4015365

#1	.0200394	.1296012	.1728548	.0142981	.1945709	.0892382
#2	.0200921	.1264096	.1686742	.0156557	.1930790	.0894838
#3	.0207928	.1303337	.1723074	.0142906	.1961646	.0899464

Elem	Sr4077
Units	ppm
Avg	.1973681
Stddev	.0005217
%RSD	.2643236

#1	.1979324
#2	.1969034
#3	.1972684

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2042.488	2844.354	37885.26	5380.183	3952.450
Stddev	17.823	13.405	217.07	41.935	22.495
%RSD	.8726070	.4712817	.5729748	.7794370	.5691318

#1	2043.321	2858.460	38134.75	5411.100	3976.092
#2	2059.879	2831.782	37781.40	5397.000	3931.312
#3	2024.263	2842.820	37739.63	5332.450	3949.946

Sample Name: J2401-12 Acquired: 4/20/2018 14:55:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1CR6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0696884	.0094037	.7516206	.0111634	.0086519	105.7135	2.117812
Stddev	.0017566	.0024340	.0027299	.0026451	.0003344	.8440	.008070
%RSD	2.520608	25.88319	.3632014	23.69451	3.864876	.7983803	.3810367

#1	.0681419	.0084154	.7493717	.0112579	.0087202	104.7687	2.123744
#2	.0715983	.0076194	.7508321	.0137600	.0089469	105.9788	2.108623
#3	.0693252	.0121764	.7546579	.0084723	.0082886	106.3929	2.121070

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086775	.0701241	50.91518	.1333653	.1097998	.2718013	183.1181
Stddev	.0001480	.0003070	.06219	.0005277	.0008154	.0050510	1.6510
%RSD	1.705530	.4378503	.1221368	.3956524	.7426395	1.858345	.9015988

#1	.0086863	.0699212	50.98637	.1332931	.1090989	.2671555	184.9558
#2	.0085254	.0699738	50.88767	.1339254	.1096056	.2771779	181.7599
#3	.0088210	.0704774	50.87149	.1328775	.1106947	.2710706	182.6387

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.837519	33.98218	.2249459	-.007951	1.221478	.2800934	4.658485
Stddev	.065425	.18515	.0014926	.000408	.200617	.0055285	.052858
%RSD	.9568548	.5448584	.6635370	5.132633	16.42411	1.973816	1.134668

#1	6.904514	34.18446	.2242383	-.007480	1.400379	.2774834	4.597453
#2	6.773786	33.82109	.2239386	-.008203	1.004579	.2763531	4.689546
#3	6.834256	33.94100	.2266606	-.008170	1.259475	.2864438	4.688457

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.85091	1.281125	.2958383	.0041040	1.811739	7.806490	.0142755
Stddev	.08584	.003693	.0036058	.0001145	.019303	.036656	.0013594
%RSD	.4808669	.2882889	1.218853	2.788913	1.065434	.4695603	9.522405

#1	17.89995	1.278175	.2997251	.0039778	1.793479	7.834368	.0148800
#2	17.75179	1.279932	.2926020	.0041330	1.809799	7.764968	.0152278
#3	17.90098	1.285267	.2951878	.0042011	1.831938	7.820132	.0127187

Sample Name: J2401-12 Acquired: 4/20/2018 14:55:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1CR6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6997909	.0927403	.3022916
Stddev	.0031133	.0004960	.0007338
%RSD	.4448902	.5348623	.2427276

#1	.6965026	.0925065	.3021176
#2	.7026932	.0933100	.3016606
#3	.7001769	.0924044	.3030968

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2334.027	3200.161	42738.51	6292.897	3682.060
Stddev	18.446	15.198	162.64	34.619	15.345
%RSD	.7903234	.4749035	.3805523	.5501263	.4167506

#1	2312.899	3216.941	42564.13	6254.122	3696.493
#2	2342.249	3196.222	42765.33	6320.701	3683.746
#3	2346.932	3187.321	42886.08	6303.867	3665.942

Sample Name: J2401-13 Acquired: 4/20/2018 14:59:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1CR6D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0710438	.0021934	.7535852	.0100826	.0087975	106.5704	2.123125
Stddev	.0047885	.0011891	.0050334	.0056087	.0020679	.4203	.007332
%RSD	6.740274	54.21274	.6679321	55.62787	23.50590	.3943798	.3453306

#1	.0671613	.0033262	.7485022	.0160465	.0085960	106.4800	2.114664
#2	.0763946	.0022990	.7585675	.0049140	.0068377	107.0285	2.127113
#3	.0695755	.0009550	.7536860	.0092873	.0109588	106.2027	2.127599

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085159	.0710052	50.41546	.1338895	.1097628	.2726714	181.0500
Stddev	.0001195	.0003645	.16721	.0000993	.0005633	.0034464	1.2673
%RSD	1.403025	.5132702	.3316731	.0741306	.5132038	1.263952	.6999474

#1	.0084082	.0707944	50.31867	.1339954	.1091476	.2687035	179.7048
#2	.0086444	.0707951	50.60854	.1338745	.1102533	.2749194	182.2214
#3	.0084951	.0714260	50.31916	.1337986	.1098874	.2743914	181.2238

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.764442	33.52718	.2244699	-.007642	1.139771	.2783338	4.654134
Stddev	.042848	.23985	.0007080	.000178	.184341	.0040567	.013158
%RSD	.6334344	.7153951	.3153896	2.329696	16.17351	1.457494	.2827065

#1	6.715321	33.25190	.2237833	-.007689	1.030084	.2828014	4.669253
#2	6.783873	33.69116	.2251974	-.007445	1.352596	.2773198	4.645275
#3	6.794132	33.63849	.2244289	-.007792	1.036633	.2748804	4.647875

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.75653	1.324201	.2914744	.0044024	1.867604	7.724968	.0132720
Stddev	.04593	.007670	.0023632	.0001697	.011026	.070032	.0003426
%RSD	.2586396	.5792313	.8107834	3.854582	.5903731	.9065627	2.581436

#1	17.71608	1.317598	.2888630	.0044772	1.854902	7.644481	.0129793
#2	17.80645	1.322391	.2934660	.0045217	1.873206	7.758440	.0131878
#3	17.74707	1.332614	.2920940	.0042081	1.874706	7.771982	.0136489

Sample Name: J2401-13 Acquired: 4/20/2018 14:59:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1CR6D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7037718	.0933500	.3039653
Stddev	.0088280	.0004008	.0008428
%RSD	1.254384	.4293315	.2772661

#1	.6959775	.0937987	.3029947
#2	.7133584	.0932240	.3043889
#3	.7019794	.0930274	.3045121

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2321.482	3170.220	42562.27	6302.932	3658.705
Stddev	9.074	28.360	213.88	12.912	25.762
%RSD	.3908838	.8945849	.5025141	.2048575	.7041359

#1	2311.004	3153.464	42321.59	6296.196	3647.169
#2	2326.783	3154.230	42634.66	6317.819	3640.727
#3	2326.659	3202.964	42730.56	6294.782	3688.219

Sample Name: J2401-14 Acquired: 4/20/2018 15:03:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1CR6S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1373902	.0847400	.7720057	.0278072	.1790312	108.2333	5.873356
Stddev	.0018496	.0013183	.0094305	.0025857	.0018497	.2753	.008522
%RSD	1.346254	1.555712	1.221562	9.298600	1.033166	.2543603	.1451041

#1	.1395251	.0844656	.7751463	.0264047	.1808293	108.1056	5.872615
#2	.1362684	.0835805	.7794652	.0307911	.1771339	108.5493	5.865228
#3	.1363772	.0861739	.7614056	.0262257	.1791304	108.0451	5.882224

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0966755	.1667556	49.90097	.5248509	1.138069	.7407345	180.8433
Stddev	.0009074	.0020164	.04716	.0026332	.015401	.0025186	.5712
%RSD	.9386327	1.209172	.0944983	.5016988	1.353216	.3400153	.3158611

#1	.0966448	.1677248	49.87787	.5223675	1.147043	.7381709	180.2329
#2	.0975979	.1681044	49.86982	.5276118	1.146878	.7432055	181.3650
#3	.0957838	.1644377	49.95522	.5245734	1.120287	.7408272	180.9320

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.680778	33.05541	1.263485	.0817896	1.124599	1.260290	5.657101
Stddev	.027460	.12917	.018073	.0008930	.181468	.013739	.098129
%RSD	.3575195	.3907666	1.430437	1.091863	16.13626	1.090160	1.734618

#1	7.649171	33.08285	1.274999	.0826927	1.122223	1.267285	5.765096
#2	7.694387	33.16865	1.272802	.0809070	.944330	1.269123	5.573404
#3	7.698776	32.91472	1.242654	.0817691	1.307243	1.244461	5.632802

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.57413	1.293434	.2930593	.0042860	1.807199	7.652713	.0128823
Stddev	.08920	.011447	.0014933	.0002687	.010699	.057599	.0011364
%RSD	.5075667	.8850060	.5095592	6.269160	.5920334	.7526628	8.821656

#1	17.47476	1.292334	.2947822	.0040159	1.813412	7.666648	.0117297
#2	17.64729	1.305391	.2922595	.0045533	1.813340	7.702067	.0140019
#3	17.60035	1.282576	.2921362	.0042889	1.794844	7.589425	.0129154

Sample Name: J2401-14 Acquired: 4/20/2018 15:03:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME1CR6S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6942601	.0920636	.2987784
Stddev	.0037194	.0005763	.0006966
%RSD	.5357397	.6259943	.2331550

#1	.6901740	.0925018	.2980589
#2	.6974486	.0922782	.2994496
#3	.6951578	.0914107	.2988268

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2317.588	3211.221	42840.25	6281.055	3711.697
Stddev	19.478	2.867	78.91	34.078	19.165
%RSD	.8404589	.0892936	.1842053	.5425508	.5163364

#1	2295.932	3208.048	42749.87	6308.909	3695.771
#2	2333.675	3211.987	42895.45	6243.057	3706.354
#3	2323.158	3213.627	42875.44	6291.201	3732.967

Sample Name: J2401-12LX5 Acquired: 4/20/2018 15:07:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1CR6L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0211116	.0028716	.1519099	.0045193	.0021572	23.35936	.4711027
Stddev	.0008325	.0003807	.0009482	.0013133	.0008423	.12574	.0004070
%RSD	3.943369	13.25781	.6242057	29.06032	39.04689	.5382838	.0863962

#1	.0201703	.0027653	.1523821	.0030703	.0021231	23.31634	.4706619
#2	.0214132	.0032941	.1525294	.0056313	.0013325	23.50096	.4711822
#3	.0217512	.0025553	.1508183	.0048563	.0030160	23.26077	.4714642

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019823	.0139739	11.37904	.0304503	.0216031	.0637375	40.88634
Stddev	.0000303	.0001921	.03913	.0007540	.0001872	.0024339	.26196
%RSD	1.526081	1.374951	.3439158	2.476139	.8665649	3.818568	.6407002

#1	.0019629	.0141221	11.33901	.0312713	.0215457	.0637691	40.70372
#2	.0020172	.0140427	11.38090	.0302907	.0214513	.0661553	40.76883
#3	.0019669	.0137568	11.41721	.0297888	.0218122	.0612879	41.18648

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.540734	7.458307	.0451391	-.001809	.1807627	.0679409	1.058632
Stddev	.007157	.027354	.0004830	.000279	.0432571	.0033753	.006523
%RSD	.4644974	.3667588	1.070005	15.43964	23.93034	4.967962	.6161284

#1	1.536924	7.438801	.0456753	-.001850	.1492571	.0676636	1.065970
#2	1.536289	7.446544	.0450037	-.002065	.1629489	.0647129	1.053494
#3	1.548990	7.489574	.0447382	-.001511	.2300823	.0714464	1.056432

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.606407	.2647442	.0662453	.0009778	.3610154	1.800683	.0032395
Stddev	.056059	.0006160	.0010889	.0001478	.0064473	.018646	.0010657
%RSD	1.554421	.2326627	1.643742	15.11230	1.785891	1.035523	32.89690

#1	3.569537	.2640592	.0663706	.0011453	.3655486	1.805317	.0036546
#2	3.670918	.2649211	.0650992	.0009220	.3638630	1.816575	.0040352
#3	3.578765	.2652524	.0672661	.0008661	.3536345	1.780156	.0020287

Sample Name: J2401-12LX5 Acquired: 4/20/2018 15:07:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME1CR6L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1580800	.0199856	.0675824
Stddev	.0008156	.0008231	.0002202
%RSD	.5159294	4.118395	.3258920

#1	.1571401	.0208998	.0673320
#2	.1584977	.0193033	.0676690
#3	.1586020	.0197539	.0677461

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2125.648	2989.213	39146.41	5713.925	3945.158
Stddev	6.329	17.291	130.10	20.694	17.359
%RSD	.2977232	.5784369	.3323301	.3621608	.4400066

#1	2118.689	2990.027	39021.89	5736.575	3945.966
#2	2131.058	2971.530	39281.44	5696.008	3927.409
#3	2127.198	3006.083	39135.89	5709.191	3962.098

Sample Name: PB108406BL Acquired: 4/20/2018 15:11:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL 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	.0019566	.0008781	-.001031	.0010637	.0006733	-.006277	-.001341
Stddev	.0034944	.0009020	.000261	.0021878	.0018303	.000639	.000284
%RSD	178.5900	102.7205	25.29239	205.6811	271.8356	10.18218	21.19501

#1	.0026519	.0009610	-.001229	.0035876	.0027819	-.006806	-.001031
#2	-.001833	-.000062	-.001127	-.000293	-.000257	-.006459	-.001590
#3	.005051	.001736	-.000736	-.000103	-.000505	-.005567	-.001401

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000043	-.000124	.0016383	.0007866	-.000041	.0036030	.0201612
Stddev	.000075	.000048	.0060991	.0005630	.000035	.0012932	.0124991
%RSD	173.3555	38.95869	372.2800	71.56456	84.14229	35.89334	61.99577

#1	-.000065	-.000156	.0081961	.0012924	-.000049	.0021320	.0057719
#2	-.000105	-.000068	-.003864	.0001801	-.000003	.0041154	.0263876
#3	.000040	-.000146	.000583	.0008875	-.000071	.0045614	.0283242

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000240	.0566537	.0004439	.0002099	.0989583	-.003890	.0028005
Stddev	.000516	.0444992	.0003785	.0002076	.1533941	.006270	.0043026
%RSD	214.9569	78.54597	85.25706	98.92469	155.0089	161.1878	153.6383

#1	-.000616	.0078952	.0008787	.0004195	-.077864	.002367	.0007089
#2	-.000453	.0669926	.0002645	.0000044	.178422	-.003863	-.000056
#3	.000348	.0950734	.0001886	.0002056	.196318	-.010174	.007749

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.34617	.0016334	.0003214	-.000116	-.019983	-.002184	.0012924
Stddev	.07816	.0002382	.0004530	.000103	.006161	.000209	.0009490
%RSD	5.805984	14.58176	140.9670	89.34835	30.83279	9.589773	73.43319

#1	-1.36431	.0016066	-.000120	-.000060	-.023141	-.001962	.0021892
#2	-1.41366	.0014097	.000786	-.000052	-.012883	-.002212	.0013893
#3	-1.26053	.0018838	.000298	-.000235	-.023924	-.002379	.0002986

Sample Name: PB108406BL Acquired: 4/20/2018 15:11:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000114	-.001964	.0000644
Stddev	.001253	.000679	.0000397
%RSD	1103.845	34.55514	61.67238

#1	-.000807	-.001999	.0000768
#2	-.000867	-.001269	.0000964
#3	.001333	-.002625	.0000199

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2122.740	2883.858	39408.21	5501.033	4018.378
Stddev	30.635	119.963	221.47	44.409	168.190
%RSD	1.443159	4.159825	.5619886	.8072828	4.185522

#1	2101.032	2957.672	39184.66	5544.625	4131.118
#2	2109.406	2745.438	39412.43	5502.625	3825.059
#3	2157.782	2948.463	39627.54	5455.850	4098.958

Sample Name: PB108406BS Acquired: 4/20/2018 15:16:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0168842	.0438038	.0182931	.0647275	.1111278	.3925181
Stddev	.0015709	.0018953	.0003408	.0031773	.0005049	.0116540
%RSD	9.304012	4.326887	1.862860	4.908812	.4543244	2.969031

#1	.0182097	.0417042	.0183651	.0672940	.1112568	.3923715
#2	.0172937	.0443189	.0185922	.0611737	.1115556	.4042447
#3	.0151490	.0453884	.0179221	.0657147	.1105709	.3809381

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3850976	.0091704	.0088820	10.05463	.0220352	.0927325
Stddev	.0005302	.0000364	.0001015	.10979	.0005727	.0008627
%RSD	.1376725	.3971802	1.143185	1.091929	2.599084	.9303421

#1	.3856284	.0091654	.0089695	9.95777	.0218516	.0936321
#2	.3845681	.0092090	.0089058	10.03223	.0215769	.0926533
#3	.3850962	.0091367	.0087707	10.17390	.0226772	.0919121

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0516149	.2288593	.0323582	9.286255	.0777653	.0188383
Stddev	.0024851	.0222503	.0008275	.048000	.0002830	.0005805
%RSD	4.814671	9.722277	2.557269	.5168976	.3638784	3.081578

#1	.0492122	.2328525	.0318612	9.234466	.0780561	.0183545
#2	.0541749	.2048828	.0333134	9.295048	.0774908	.0194820
#3	.0514576	.2488427	.0319000	9.329252	.0777490	.0186785

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.367926	.0972444	.1237590	7.906853	F .0081693	F .0184404
Stddev	.321028	.0045855	.0103692	.084279	.0003877	.0006207
%RSD	3.426882	4.715402	8.378574	1.065901	4.745398	3.365876

#1	9.387757	.0925532	.1177627	7.936473	.0084596	.0181836
#2	9.037442	.0974638	.1357324	7.972325	.0083192	.0179894
#3	9.678578	.1017162	.1177820	7.811763	.0077291	.0191483

Sample Name: PB108406BS Acquired: 4/20/2018 15:16:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0205939	.1453066	.1713439	F .0144613	.1959474	.0866341
Stddev	.0003350	.0027167	.0017743	.0004464	.0016058	.0008390
%RSD	1.626704	1.869659	1.035535	3.086744	.8194808	.9684036

#1	.0209719	.1431372	.1724210	.0140139	.1941047	.0862344
#2	.0203335	.1444288	.1723148	.0144632	.1970473	.0875982
#3	.0204764	.1483537	.1692961	.0149067	.1966903	.0860698

Elem	Sr4077
Units	ppm
Avg	.1976140
Stddev	.0005424
%RSD	.2744996

#1	.1970403
#2	.1981185
#3	.1976832

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2087.733	2874.033	38663.44	5489.458	3957.059
Stddev	6.656	18.007	140.16	17.440	13.826
%RSD	.3187911	.6265365	.3625042	.3176961	.3494085

#1	2080.607	2880.015	38765.17	5508.225	3953.449
#2	2093.787	2888.288	38503.57	5473.750	3972.332
#3	2088.805	2853.797	38721.58	5486.400	3945.396

Sample Name: J2402-17 Acquired: 4/20/2018 15:20:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1CW1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0770365	-.000339	.2004793	.0084823	.0046008	65.50023	1.119357
Stddev	.0033508	.001998	.0018526	.0007021	.0012554	.21503	.004607
%RSD	4.349585	589.3878	.9240774	8.277093	27.28719	.3282942	.4115771

#1	.0762148	.001465	.1989434	.0092827	.0040637	65.61152	1.114919
#2	.0741729	.000003	.2025368	.0081932	.0060354	65.25236	1.119035
#3	.0807216	-.002486	.1999577	.0079708	.0037033	65.63681	1.124116

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050386	.0159665	287.9474	.0905501	.0742253	.1552061	148.0578
Stddev	.0000830	.0003041	.8055	.0006360	.0005770	.0038114	.3184
%RSD	1.647716	1.904785	.2797312	.7023843	.7773998	2.455725	.2150180

#1	.0050727	.0157987	288.4331	.0898348	.0741562	.1567455	148.0855
#2	.0049439	.0163175	287.0176	.0910520	.0748337	.1508658	148.3614
#3	.0050991	.0157831	288.3915	.0907634	.0736859	.1580072	147.7265

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.004640	132.1816	.1830523	-.008251	.8522567	.2056468	1.160965
Stddev	.008438	.3731	.0017524	.000116	.2249379	.0057373	.052532
%RSD	.1405329	.2822474	.9573008	1.401116	26.39320	2.789885	4.524853

#1	6.012980	132.1547	.1817318	-.008339	1.065503	.2086872	1.220928
#2	6.004833	132.5674	.1850403	-.008120	.874054	.1990292	1.138913
#3	5.996106	131.8227	.1823847	-.008293	.617214	.2092241	1.123053

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.08863	1.541452	.2373252	.0045521	1.602991	3.027856	.0033869
Stddev	.09581	.014333	.0016562	.0001537	.023753	.020075	.0008701
%RSD	.9496632	.9298277	.6978670	3.376147	1.481766	.6629956	25.69108

#1	10.00218	1.530564	.2378553	.0047123	1.588848	3.024090	.0031624
#2	10.19164	1.557690	.2386515	.0044059	1.630414	3.009931	.0043473
#3	10.07208	1.536102	.2354689	.0045379	1.589711	3.049547	.0026510

Sample Name: J2402-17 Acquired: 4/20/2018 15:20:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME1CW1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9164954	.0644631	.2008087
Stddev	.0046148	.0006337	.0009297
%RSD	.5035312	.9829997	.4629683

#1	.9173489	.0647250	.1997464
#2	.9115134	.0649239	.2012055
#3	.9206239	.0637405	.2014740

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2223.796	3045.859	41162.08	6110.228	3439.055
Stddev	18.273	40.786	67.08	41.849	38.892
%RSD	.8217254	1.339058	.1629549	.6849023	1.130901

#1	2203.903	3075.107	41127.03	6158.481	3465.311
#2	2227.651	2999.268	41119.79	6088.345	3394.374
#3	2239.835	3063.202	41239.42	6083.856	3457.479

Sample Name: J2402-18 Acquired: 4/20/2018 15:24:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1CW1D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0787880	.0006823	.1993944	.0074612	.0063644	65.24066	1.111240
Stddev	.0019650	.0032382	.0007957	.0040238	.0006025	.01616	.005289
%RSD	2.494102	474.6144	.3990733	53.92939	9.466975	.0247686	.4759359

#1	.0806115	.0026533	.1986358	.0112086	.0057028	65.25789	1.115182
#2	.0790458	-.003055	.1993248	.0032087	.0065087	65.22584	1.113308
#3	.0767068	.002449	.2002227	.0079661	.0068817	65.23825	1.105229

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049633	.0156974	289.8207	.0899730	.0742032	.1556828	148.1175
Stddev	.0000844	.0001814	1.0410	.0005896	.0001996	.0038711	.9613
%RSD	1.700578	1.155553	.3591771	.6553381	.2690280	2.486535	.6490383

#1	.0050041	.0157597	290.0113	.0892945	.0740171	.1545146	148.2607
#2	.0048663	.0154930	290.7533	.0902632	.0744140	.1525303	148.9992
#3	.0050196	.0158394	288.6976	.0903613	.0741785	.1600034	147.0926

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.977102	133.3276	.1823604	-.008140	1.120510	.1935947	1.164637
Stddev	.019201	.7120	.0001080	.000653	.191992	.0050993	.022068
%RSD	.3212404	.5340004	.0592378	8.019986	17.13433	2.633996	1.894827

#1	5.972380	133.2988	.1822392	-.007582	1.087834	.1911275	1.143682
#2	5.998223	134.0535	.1824464	-.007979	1.326742	.1901983	1.162557
#3	5.960702	132.6304	.1823957	-.008858	.946952	.1994584	1.187671

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.980795	1.526271	.2376110	.0048657	1.585746	3.015609	.0033792
Stddev	.056512	.003554	.0022047	.0003578	.008643	.012592	.0019390
%RSD	.5662104	.2328320	.9278799	7.353312	.5450425	.4175477	57.37996

#1	10.00182	1.523245	.2386086	.0044636	1.589400	3.001277	.0022596
#2	9.91678	1.525385	.2391406	.0051490	1.575876	3.024893	.0056182
#3	10.02378	1.530184	.2350838	.0049845	1.591962	3.020657	.0022599

Sample Name: J2402-18 Acquired: 4/20/2018 15:24:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1CW1D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9053952	.0642670	.2007554
Stddev	.0037727	.0013650	.0009846
%RSD	.4166865	2.123869	.4904473

#1	.9044425	.0641942	.2013033
#2	.9021902	.0656670	.2013443
#3	.9095529	.0629400	.1996188

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2213.059	3055.355	41033.03	6125.627	3452.119
Stddev	11.198	4.732	104.03	37.207	12.435
%RSD	.5059776	.1548618	.2535312	.6073968	.3602136

#1	2211.226	3059.551	41027.66	6098.052	3462.714
#2	2202.891	3056.289	40931.79	6110.882	3455.215
#3	2225.060	3050.227	41139.65	6167.946	3438.429

Sample Name: J2402-19 Acquired: 4/20/2018 15:28:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1CW1S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1442754	.0885315	.2380828	.0234543	.1898157	68.17811	5.012690
Stddev	.0050101	.0019948	.0012582	.0017926	.0007453	.48280	.007689
%RSD	3.472611	2.253249	.5284672	7.642808	.3926475	.7081470	.1534001

#1	.1480235	.0890872	.2395356	.0243068	.1899974	67.69871	5.004014
#2	.1385849	.0863177	.2373498	.0213945	.1904534	68.17137	5.015392
#3	.1462178	.0901896	.2373630	.0246614	.1889964	68.66424	5.018663

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0967502	.1169012	271.6498	.4862361	1.134626	.6359137	147.7781
Stddev	.0004979	.0007677	.6968	.0016641	.003411	.0062606	.7858
%RSD	.5146168	.6566812	.2565209	.3422418	.3006633	.9845029	.5317539

#1	.0962214	.1160582	270.8856	.4843400	1.132603	.6292042	146.9670
#2	.0972100	.1170853	271.8135	.4869145	1.132710	.6415992	148.5359
#3	.0968191	.1175601	272.2502	.4874539	1.138565	.6369375	147.8314

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.848706	125.9292	1.246720	.0866645	1.124292	1.194577	2.208033
Stddev	.041922	.2901	.004174	.0001483	.328601	.012976	.029800
%RSD	.6121179	.2303827	.3348346	.1710882	29.22742	1.086271	1.349598

#1	6.800316	125.5948	1.243211	.0865984	1.071125	1.183473	2.208496
#2	6.874030	126.0787	1.245612	.0865608	1.476234	1.191417	2.178005
#3	6.871772	126.1141	1.251336	.0868344	.825515	1.208842	2.237599

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.954968	1.497635	.2378628	.0047319	1.530453	3.019560	.0016039
Stddev	.006751	.007840	.0018897	.0002006	.014158	.016645	.0005831
%RSD	.0678134	.5234930	.7944371	4.239976	.9251076	.5512334	36.35606

#1	9.947333	1.489392	.2359154	.0048986	1.519241	3.001679	.0017857
#2	9.957421	1.498515	.2396889	.0047880	1.525755	3.034603	.0020745
#3	9.960149	1.504998	.2379841	.0045092	1.546364	3.022397	.0009516

Sample Name: J2402-19 Acquired: 4/20/2018 15:28:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1CW1S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8987380	.0639322	.1934266
Stddev	.0061697	.0002549	.0012941
%RSD	.6864880	.3987293	.6690298

#1	.8940514	.0639247	.1919501
#2	.8964344	.0636811	.1939660
#3	.9057281	.0641908	.1943638

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2194.485	3074.003	40927.80	6094.998	3471.816
Stddev	15.117	19.739	108.11	49.573	22.486
%RSD	.6888813	.6421292	.2641587	.8133385	.6476728

#1	2177.410	3052.075	40870.20	6142.250	3445.865
#2	2199.880	3079.580	40860.68	6043.391	3485.539
#3	2206.164	3090.353	41052.52	6099.352	3484.042

Sample Name: J2402-17LX5 Acquired: 4/20/2018 15:32:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1CW1L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0222987	.0036141	.0402807	.0015743	.0017035	15.21138	.2616515
Stddev	.0021414	.0009636	.0007594	.0027167	.0017338	1.26247	.0234848
%RSD	9.603126	26.66312	1.885204	172.5706	101.7782	8.299506	8.975601

#1	.0226568	.0034574	.0410662	-.000698	.0005646	14.42095	.2470282
#2	.0242384	.0046465	.0402255	.000837	.0036989	14.54582	.2491856
#3	.0200008	.0027384	.0395505	.004583	.0008471	16.66737	.2887408

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012808	.0029448	65.23006	.0208071	.0142748	.0362575	35.66479
Stddev	.0001333	.0000865	5.58525	.0004839	.0003515	.0027033	3.45108
%RSD	10.40819	2.938677	8.562394	2.325598	2.462279	7.455753	9.676427

#1	.0011543	.0028907	61.91930	.0210758	.0138858	.0357717	33.53381
#2	.0012681	.0030446	62.09229	.0210970	.0143689	.0338301	33.81409
#3	.0014200	.0028991	71.67858	.0202485	.0145696	.0391707	39.64646

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.439372	29.96838	.0368818	-.001793	.1286626	.0444360	.2670065
Stddev	.135297	2.76494	.0003294	.000492	.1509994	.0002649	.0152716
%RSD	9.399721	9.226174	.8932379	27.42098	117.3608	.5962143	5.719552

#1	1.351752	28.35835	.0368307	-.002051	.0885812	.0441862	.2824009
#2	1.371167	28.38578	.0372338	-.002102	.0017478	.0447138	.2667577
#3	1.595196	33.16102	.0365809	-.001226	.2956588	.0444081	.2518608

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.120635	.2988692	.0569269	.0007818	.2956018	.7215095	.0005871
Stddev	.394779	.0009766	.0057952	.0001348	.0037355	.0539836	.0009212
%RSD	18.61606	.3267514	10.18013	17.23554	1.263678	7.482033	156.9005

#1	1.898816	.2979383	.0529319	.0007361	.2998604	.6855072	.0007795
#2	1.886657	.2998857	.0542752	.0006758	.2928794	.6954414	.0013969
#3	2.576432	.2987835	.0635735	.0009334	.2940656	.7835800	-.000415

Sample Name: J2402-17LX5 Acquired: 4/20/2018 15:32:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1CW1L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2190863	.0149008	.0462796
Stddev	.0186250	.0011126	.0042345
%RSD	8.501193	7.466773	9.149861

#1	.2088672	.0158967	.0434542
#2	.2078078	.0137000	.0442363
#3	.2405838	.0151056	.0511483

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2091.146	2937.391	38669.76	5466.193	3838.552
Stddev	14.188	23.526	88.48	418.243	24.205
%RSD	.6784812	.8009318	.2288204	7.651445	.6305854

#1	2105.752	2923.105	38715.38	5729.179	3823.993
#2	2077.417	2924.523	38726.13	5685.493	3825.170
#3	2090.268	2964.545	38567.78	4983.907	3866.494

Sample Name: PB108448BL Acquired: 4/20/2018 15:36:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031785	.0012564	-.001112	-.001416	-.000403	-.002787	.0002594
Stddev	.0016546	.0011982	.001630	.002041	.002101	.003697	.0007294
%RSD	52.05652	95.36950	146.6562	144.0951	521.6998	132.6352	281.1893

#1	.0049532	.0008101	.000698	-.000616	-.002234	-.003298	.0009771
#2	.0016782	.0026137	-.001568	-.003736	-.000865	-.006202	-.000481
#3	.0029043	.0003454	-.002466	.000103	.001891	.001139	.000282

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000129	-.000126	.0172112	.0004419	-.000030	.0063374	-.001817
Stddev	.0000369	.000030	.0145556	.0001167	.000287	.0005391	.001743
%RSD	286.6488	23.43955	84.57082	26.39900	942.7223	8.506622	95.92315

#1	.0000264	-.000158	.0340027	.0003112	.000099	.0062947	.000195
#2	-.000029	-.000099	.0081835	.0004790	.000169	.0058209	-.002784
#3	.000041	-.000122	.0094473	.0005355	-.000359	.0068966	-.002863

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000350	.0451441	.0000083	.0000627	-.085774	-.000019	-.004986
Stddev	.000904	.0187368	.0001391	.0002766	.194011	.003774	.006844
%RSD	258.2116	41.50437	1681.554	441.3533	226.1882	19866.70	137.2469

#1	.000524	.0390842	.0001202	-.000090	-.305484	-.002569	.002916
#2	-.000293	.0661608	-.000148	-.000104	-.013816	-.001804	-.008860
#3	-.001281	.0301872	.000052	.000382	.061977	.004316	-.009015

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.09893	.0005793	-.000704	-.000080	-.026577	-.004455	.0002653
Stddev	.08097	.0003804	.000791	.000192	.001859	.000643	.0003442
%RSD	3.857745	65.67338	112.3743	240.5781	6.995678	14.43430	129.7793

#1	-2.13955	.0002450	-.000384	-.000063	-.028290	-.003714	.0001319
#2	-2.00569	.0009932	-.001605	.000103	-.024600	-.004786	.0000076
#3	-2.15155	.0004996	-.000123	-.000279	-.026841	-.004866	.0006562

Sample Name: PB108448BL Acquired: 4/20/2018 15:36:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002995	-.002150	.0001998
Stddev	.0016476	.001570	.0000525
%RSD	550.1670	73.04714	26.28752

#1	-.000862	-.003957	.0002149
#2	-.000425	-.001377	.0002432
#3	.002185	-.001115	.0001414

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2274.285	3113.276	41244.67	5725.325	4347.131
Stddev	20.011	10.952	142.75	46.522	9.783
%RSD	.8798953	.3517774	.3461097	.8125620	.2250340

#1	2294.282	3112.389	41373.29	5772.375	4344.699
#2	2274.313	3124.644	41269.62	5679.350	4357.900
#3	2254.260	3102.795	41091.08	5724.250	4338.795

Sample Name: PB108448BS Acquired: 4/20/2018 15:40:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0238708	.0430319	.0191721	.0699441	.1188938	.4040768
Stddev	.0038029	.0005727	.0009470	.0013483	.0007781	.0110850
%RSD	15.93118	1.330899	4.939269	1.927632	.6544434	2.743285

#1	.0281716	.0424573	.0202610	.0709245	.1190995	.4059208
#2	.0224882	.0430357	.0187138	.0705013	.1195483	.3921855
#3	.0209527	.0436027	.0185415	.0684066	.1180335	.4141242

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4006983	.0103932	.0095856	10.48534	.0220579	.0950230
Stddev	.0021694	.0002016	.0000772	.04060	.0003266	.0002462
%RSD	.5413981	1.939602	.8052761	.3872273	1.480441	.2590749

#1	.3995465	.0105218	.0096590	10.44796	.0219046	.0952982
#2	.3993479	.0101609	.0095051	10.47953	.0224329	.0948238
#3	.4032007	.0104970	.0095925	10.52854	.0218361	.0949470

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0522405	.2399143	.0320484	9.835483	.0800765	.0201816
Stddev	.0024108	.0166922	.0008850	.035092	.0004495	.0003204
%RSD	4.614851	6.957571	2.761601	.3567886	.5613865	1.587705

#1	.0497048	.2292053	.0311273	9.870719	.0805955	.0204034
#2	.0545032	.2313902	.0321256	9.835192	.0798250	.0198143
#3	.0525135	.2591475	.0328924	9.800538	.0798090	.0203273

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.877084	.1106110	.1405687	7.375040	F .0075956	F .0191912
Stddev	.166741	.0035109	.0032390	.096203	.0006262	.0007046
%RSD	1.688163	3.174057	2.304214	1.304435	8.244289	3.671653

#1	9.724454	.1066509	.1371469	7.483121	.0070124	.0190606
#2	10.05504	.1133421	.1409722	7.343221	.0075170	.0185610
#3	9.85176	.1118401	.1435871	7.298778	.0082574	.0199520

Sample Name: PB108448BS Acquired: 4/20/2018 15:40:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0207187	.1378705	.1846433	F .0146093	.2053233	.0878103
Stddev	.0002910	.0023532	.0026938	.0014432	.0013503	.0008973
%RSD	1.404476	1.706812	1.458921	9.878568	.6576596	1.021881

#1	.0208843	.1366161	.1872584	.0134865	.2063092	.0888174
#2	.0203827	.1405851	.1818772	.0141043	.2058763	.0870956
#3	.0208891	.1364103	.1847944	.0162371	.2037842	.0875181

Elem	Sr4077
Units	ppm
Avg	.2037807
Stddev	.0004272
%RSD	.2096222

#1	.2035707
#2	.2034992
#3	.2042722

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2204.457	3053.373	40167.36	5630.817	4207.134
Stddev	20.272	8.395	95.94	12.977	6.043
%RSD	.9195980	.2749430	.2388433	.2304632	.1436399

#1	2190.468	3062.241	40121.20	5616.725	4212.379
#2	2227.705	3052.329	40277.65	5633.450	4208.496
#3	2195.197	3045.549	40103.22	5642.275	4200.526

Sample Name: PB108448TB Acquired: 4/20/2018 15:44:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LEB001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045778	-.003635	-.001617	.0036286	-.000459	.0050076
Stddev	.0020683	.001896	.002257	.0010294	.000167	.0041059
%RSD	45.18094	52.17066	139.6188	28.36763	36.38222	81.99258

#1	.0021917	-.001909	-.003969	.0047889	-.000505	.0005741
#2	.0058592	-.003330	-.001414	.0032718	-.000598	.0086790
#3	.0056823	-.005665	.000532	.0028252	-.000274	.0057697

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001272	.0000870	-.000259	.0532525	.0007170	.0000285
Stddev	.000743	.0000379	.000049	.0091902	.0008402	.0002175
%RSD	58.45903	43.55368	18.80020	17.25778	117.1875	762.5399

#1	-.000943	.0000971	-.000258	.0547604	.0012390	.0000053
#2	-.002123	.0001189	-.000308	.0615954	-.000252	-.000176
#3	-.000750	.0000451	-.000211	.0434016	.001164	.000257

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048268	.0128577	.0001311	.0710297	.0128474	.0011557
Stddev	.0014765	.0144430	.0005592	.0411963	.0004610	.0003102
%RSD	30.58960	112.3299	426.5750	57.99866	3.588622	26.84266

#1	.0037133	.0247392	.0007612	.1157108	.0133788	.0008347
#2	.0065016	.0170521	-.000061	.0345528	.0126096	.0014539
#3	.0042654	-.003218	-.000307	.0628256	.0125538	.0011786

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1840.740	.0009740	-.004088	-1.97396	.0019475	.0012651
Stddev	7.434	.0017662	.002096	.02316	.0003322	.0008031
%RSD	.4038361	181.3252	51.28359	1.173108	17.05514	63.47613

#1	1848.496	.0008174	-.005522	-1.95883	.0019849	.0014570
#2	1833.678	.0028133	-.005060	-2.00062	.0015982	.0019549
#3	1840.047	-.000709	-.001682	-1.96243	.0022593	.0003835

Sample Name: PB108448TB Acquired: 4/20/2018 15:44:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LEB001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000176	.0028600	.0033120	.0045861	.0005738	-.002195
Stddev	.000256	.0033932	.0006062	.0006336	.0014349	.000800
%RSD	145.3352	118.6453	18.30382	13.81541	250.0651	36.44867

#1	-.000217	-.000941	.0029858	.0043677	-.000743	-.002889
#2	.000098	.003935	.0029387	.0040906	.002103	-.002376
#3	-.000408	.005585	.0040115	.0053000	.000361	-.001320

Elem	Sr4077
Units	ppm
Avg	.0002338
Stddev	.0000631
%RSD	26.99926

#1	.0002221
#2	.0003019
#3	.0001773

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2010.537	2762.173	35693.11	5738.875	3340.339
Stddev	17.624	14.368	109.73	19.148	13.061
%RSD	.8765767	.5201666	.3074296	.3336553	.3910056

#1	2023.566	2773.745	35641.01	5759.070	3351.386
#2	2017.562	2766.683	35819.19	5720.981	3343.707
#3	1990.484	2746.091	35619.14	5736.575	3325.924

Sample Name: J2435-01 Acquired: 4/20/2018 15:48:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0S28 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124239	-.001947	.0058064	.0088874	.0050055	.1081415
Stddev	.0028163	.002394	.0006206	.0028082	.0006872	.0112373
%RSD	22.66822	122.9709	10.68755	31.59701	13.72800	10.39127

#1	.0133618	-.004665	.0064620	.0121001	.0042160	.1062287
#2	.0146515	-.000148	.0052281	.0076617	.0054690	.1202124
#3	.0092583	-.001028	.0057291	.0069005	.0053315	.0979834

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.493078	.0000850	.0000184	F 938.5243	.0057148	-.000259
Stddev	.011490	.0000627	.0000402	4.9498	.0001335	.000570
%RSD	.7695226	73.74482	219.0543	.5273993	2.335398	220.5537

#1	1.489913	.0000772	.0000429	934.8835	.0056892	.000286
#2	1.483502	.0000266	.0000402	936.5290	.0055960	-.000210
#3	1.505818	.0001512	-.000028	944.1603	.0058592	-.000852

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113393	-.193655	2.526226	82.02433	.0148620	.0001272
Stddev	.0017370	.015805	.021305	.52091	.0004872	.0000986
%RSD	15.31815	8.161268	.8433537	.6350616	3.277984	77.52507

#1	.0116817	-.198201	2.529683	81.65437	.0143093	.0000781
#2	.0128797	-.206688	2.503404	81.79859	.0150481	.0002407
#3	.0094567	-.176075	2.545592	82.62002	.0152287	.0000628

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1837.516	.1485702	.3874684	2.916486	.0788133	.4262986
Stddev	5.484	.0010837	.0133293	.082766	.0005412	.0025210
%RSD	.2984649	.7294281	3.440087	2.837879	.6867209	.5913747

#1	1831.439	.1476185	.3865779	2.874192	.0787228	.4239735
#2	1839.012	.1483426	.3746067	2.863412	.0783230	.4259443
#3	1842.097	.1497497	.4012205	3.011853	.0793940	.4289780

Sample Name: J2435-01 Acquired: 4/20/2018 15:48:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0S28 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0164099	10.88557	24.54521	-.001383	-.016766	.0170083
Stddev	.0000506	.12083	.13767	.002688	.000337	.0013344
%RSD	.3082502	1.110043	.5608697	194.3863	2.012121	7.845590

#1	.0164683	10.99948	24.38650	.001319	-.017116	.0172761
#2	.0163822	10.75883	24.63232	-.001410	-.016740	.0181885
#3	.0163793	10.89841	24.61682	-.004058	-.016443	.0155603

Elem	Sr4077
Units	ppm
Avg	1.682089
Stddev	.006854
%RSD	.4074396

#1	1.677173
#2	1.679175
#3	1.689918

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1830.088	2530.601	33768.70	5516.580	3016.207
Stddev	20.819	8.934	148.25	4.935	12.238
%RSD	1.137593	.3530490	.4390110	.0894534	.4057511

#1	1853.992	2530.288	33932.64	5519.235	3008.032
#2	1815.924	2539.688	33644.07	5510.886	3030.277
#3	1820.348	2521.828	33729.39	5519.619	3010.311

Sample Name: J2435-02 Acquired: 4/20/2018 15:52:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0S28D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0120223	-.003143	.0038696	.0098569	.0040425	.1198367
Stddev	.0027961	.000765	.0020256	.0047380	.0011799	.0140781
%RSD	23.25750	24.35247	52.34711	48.06767	29.18845	11.74772

#1	.0149665	-.002539	.0015415	.0050137	.0049726	.1273980
#2	.0116976	-.002887	.0052286	.0144821	.0027152	.1035936
#3	.0094027	-.004004	.0048388	.0100751	.0044396	.1285185

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.477993	.0000387	.0000567	F 927.5875	.0057706	-.000406
Stddev	.006192	.0000514	.0000330	2.7840	.0003445	.000037
%RSD	.4189426	132.8502	58.10102	.3001375	5.969514	9.008283

#1	1.472960	.0000926	.0000891	927.1514	.0056434	-.000391
#2	1.476112	-.000010	.0000578	925.0472	.0055078	-.000448
#3	1.484907	.000033	.0000233	930.5639	.0061606	-.000380

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110022	-.172995	2.505747	81.30449	.0140462	.0008408
Stddev	.0010587	.016238	.027727	.49355	.0004305	.0002394
%RSD	9.622367	9.386268	1.106531	.6070339	3.065039	28.47592

#1	.0121336	-.179119	2.497981	81.29683	.0136627	.0010875
#2	.0108374	-.154586	2.482731	80.81481	.0145119	.0006095
#3	.0100356	-.185281	2.536529	81.80182	.0139639	.0008253

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1824.551	.1466567	.3839610	2.824686	.0787915	.4181788
Stddev	5.584	.0127823	.0160126	.074104	.0011262	.0047698
%RSD	.3060262	8.715804	4.170364	2.623459	1.429342	1.140602

#1	1818.150	.1344257	.3882744	2.764453	.0798967	.4234969
#2	1827.083	.1599269	.3662336	2.802167	.0788324	.4167602
#3	1828.420	.1456177	.3973751	2.907437	.0776454	.4142793

Sample Name: J2435-02 Acquired: 4/20/2018 15:52:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0S28D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0156867	10.73752	24.15843	-.001761	-.016261	.0184150
Stddev	.0006535	.12422	.21486	.000785	.001748	.0002417
%RSD	4.166216	1.156852	.8893942	44.55781	10.74961	1.312638

#1	.0164093	10.79967	24.40639	-.002630	-.015165	.0186233
#2	.0151370	10.81840	24.02716	-.001545	-.018277	.0184719
#3	.0155137	10.59450	24.04175	-.001106	-.015341	.0181500

Elem	Sr4077
Units	ppm
Avg	1.670798
Stddev	.002642
%RSD	.1581226

#1	1.669161
#2	1.669388
#3	1.673846

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1841.918	2537.423	33951.28	5600.398	3019.782
Stddev	11.274	10.419	79.42	30.219	9.084
%RSD	.6121061	.4106279	.2339157	.5395781	.3008236

#1	1850.768	2546.618	34039.42	5565.741	3027.893
#2	1845.761	2539.545	33885.28	5621.238	3021.486
#3	1829.224	2526.106	33929.15	5614.214	3009.966

Sample Name: J2435-03 Acquired: 4/20/2018 15:56:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0S28S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0562647	.0330875	.0247685	.0201938	.1080353	2.063303
Stddev	.0072736	.0018926	.0017191	.0020523	.0000797	.004718
%RSD	12.92754	5.719999	6.940785	10.16317	.0737557	.2286582

#1	.0491934	.0335842	.0260455	.0179979	.1079441	2.058898
#2	.0637251	.0346823	.0254461	.0220635	.1080704	2.062731
#3	.0558757	.0309961	.0228138	.0205199	.1080915	2.068281

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.500431	.0468714	.0492109	F 916.6357	.2079181	.5044291
Stddev	.020631	.0006841	.0001665	4.4353	.0003756	.0006093
%RSD	.5893810	1.459470	.3384011	.4838674	.1806385	.1207892

#1	3.485263	.0473330	.0492779	914.5737	.2081736	.5051199
#2	3.492106	.0460855	.0490213	913.6068	.2074869	.5041988
#3	3.523924	.0471957	.0493335	921.7266	.2080939	.5039685

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2703674	.8139822	2.954377	80.01554	.5179448	.0533337
Stddev	.0028095	.0082564	.024582	.49059	.0016263	.0008212
%RSD	1.039154	1.014318	.8320377	.6131150	.3139808	1.539776

#1	.2703272	.8053906	2.963556	79.63416	.5183792	.0538102
#2	.2675782	.8218565	2.926527	79.84348	.5161454	.0523854
#3	.2731968	.8146995	2.973049	80.56898	.5193097	.0538054

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1809.643	.6730720	.9650992	2.832313	.0848458	.4187350
Stddev	12.286	.0105561	.0231233	.057321	.0012208	.0041297
%RSD	.6789113	1.568351	2.395953	2.023822	1.438891	.9862404

#1	1799.359	.6695252	.9915423	2.766201	.0860592	.4200918
#2	1806.322	.6849447	.9486750	2.862625	.0836176	.4140976
#3	1823.248	.6647460	.9550802	2.868114	.0848606	.4220157

Sample Name: J2435-03 Acquired: 4/20/2018 15:56:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0S28S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0159494	10.76811	24.10585	.0002781	-.017691	.0193238
Stddev	.0004936	.02819	.20432	.0003463	.001321	.0008398
%RSD	3.095027	.2618026	.8475750	124.5000	7.469356	4.346051

#1	.0163289	10.73580	24.18527	-.000066	-.019124	.0196017
#2	.0161279	10.78083	23.87374	.000274	-.017425	.0199895
#3	.0153913	10.78770	24.25852	.000626	-.016522	.0183803

Elem	Sr4077
Units	ppm
Avg	1.656358
Stddev	.010050
%RSD	.6067603

#1	1.647796
#2	1.653854
#3	1.667423

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1860.543	2545.228	34404.84	5593.327	3030.851
Stddev	8.546	7.786	21.37	25.521	3.911
%RSD	.4593102	.3059084	.0621028	.4562790	.1290395

#1	1850.719	2544.193	34421.21	5586.521	3029.440
#2	1864.652	2553.479	34412.64	5621.562	3035.272
#3	1866.259	2538.011	34380.67	5571.899	3027.841

Sample Name: J2435-01LX5 Acquired: 4/20/2018 16:00:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0S28L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026134	-.000815	-.000334	.0014210	.0030122	.0275149	.2961658
Stddev	.0026087	.001734	.002080	.0021543	.0008093	.0036102	.0008034
%RSD	99.82222	212.7414	623.4086	151.6050	26.86679	13.12096	.2712581

#1	-.000362	-.002505	.000295	.0014576	.0035561	.0278542	.2956217
#2	.004509	-.000900	.001359	-.000751	.0020822	.0309435	.2970885
#3	.003693	.000960	-.002655	.003557	.0033984	.0237470	.2957872

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000041	-.000076	185.9938	.0018145	-.000944	.0025718	-.034725
Stddev	.0000657	.000053	.5369	.0006756	.000089	.0016627	.008689
%RSD	1601.740	69.84603	.2886906	37.23505	9.387629	64.65362	25.02237

#1	.0000674	-.000031	185.3783	.0014489	-.000901	.0035903	-.040279
#2	-.000064	-.000135	186.2370	.0014004	-.001045	.0034720	-.039184
#3	.000009	-.000062	186.3661	.0025941	-.000884	.0006530	-.024712

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5167647	16.31878	.0025912	.0003448	354.4313	.0313932	.0785664
Stddev	.0063909	.03697	.0003011	.0003566	1.5644	.0065766	.0064212
%RSD	1.236722	.2265359	11.62013	103.4107	.4413779	20.94924	8.172954

#1	.5094147	16.27928	.0029368	.0002784	354.5614	.0273680	.0781973
#2	.5210119	16.35255	.0023860	.0007299	352.8059	.0278290	.0723378
#3	.5198675	16.32451	.0024507	.0000261	355.9266	.0389826	.0851642

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6400982	.0144851	.0937235	.0031168	1.992884	4.991568	-.001851
Stddev	.0450204	.0003315	.0009225	.0001388	.008652	.081603	.001043
%RSD	7.033359	2.288196	.9843129	4.451891	.4341485	1.634824	56.33273

#1	.6912671	.0145368	.0933952	.0030522	1.997540	4.922072	-.001928
#2	.6065674	.0147877	.0930099	.0032761	1.982901	4.971208	-.000772
#3	.6224601	.0141308	.0947652	.0030222	1.998212	5.081423	-.002853

Sample Name: J2435-01LX5 Acquired: 4/20/2018 16:00:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0S28L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002557	.0122030	.3390310
Stddev	.002118	.0017964	.0005446
%RSD	82.81712	14.72122	.1606408

#1	-.001342	.0112462	.3388697
#2	-.001327	.0142753	.3385851
#3	-.005003	.0110875	.3396380

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1893.433	2700.674	35178.12	5580.636	3456.286
Stddev	90.977	9.304	1445.87	14.820	3.585
%RSD	4.804861	.3445095	4.110132	.2655630	.1037144

#1	1931.517	2690.591	35916.71	5596.683	3454.040
#2	1959.180	2708.927	36105.52	5577.763	3460.420
#3	1789.604	2702.504	33512.14	5567.463	3454.398

Sample Name: J2389-01A Acquired: 4/20/2018 16:18:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MESSM4A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044202	.0462361	.0000091	.0771958	.0029883	.0960690
Stddev	.0065375	.0029073	.0010603	.0036297	.0017300	.0201381
%RSD	147.9006	6.287856	11696.44	4.701963	57.89104	20.96213

#1	.0119320	.0433452	.0012095	.0802711	.0016085	.1173156
#2	.0013107	.0491595	-.000383	.0781243	.0049292	.0936296
#3	.0000178	.0462037	-.000799	.0731920	.0024273	.0772617

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4576385	-.000046	-.000137	766.2627	.0014505	.0010849
Stddev	.0007946	.000057	.000118	1.0832	.0004203	.0003676
%RSD	.1736239	124.0405	86.16395	.1413662	28.97914	33.88421

#1	.4585528	.000020	-.000119	766.8495	.0011316	.0008093
#2	.4571148	-.000076	-.000263	766.9260	.0012930	.0009431
#3	.4572480	-.000081	-.000029	765.0127	.0019268	.0015023

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0234728	-.113717	.8403701	12.61842	.0179101	.0004088
Stddev	.0007886	.018106	.0045483	.06536	.0005325	.0002307
%RSD	3.359727	15.92192	.5412264	.5179361	2.973231	56.43585

#1	.0240620	-.134362	.8449929	12.64223	.0173166	.0005182
#2	.0237794	-.106252	.8402172	12.66852	.0180672	.0005644
#3	.0225769	-.100537	.8359002	12.54449	.0183463	.0001437

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1607.602	.0021780	.1091928	-.512489	.0067059	.0339494
Stddev	6.060	.0054124	.0069569	.032232	.0010322	.0016898
%RSD	.3769796	248.5006	6.371167	6.289337	15.39293	4.977533

#1	1613.913	.0079489	.1039041	-.536760	.0055496	.0321595
#2	1607.066	-.002785	.1066008	-.524788	.0075345	.0341713
#3	1601.828	.001370	.1170736	-.475918	.0070336	.0355173

Sample Name: J2389-01A Acquired: 4/20/2018 16:18:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MESSM4A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034612	1.030279	1.069429	-.001825	-.015851	.0096862
Stddev	.0003636	.003013	.000603	.000848	.000801	.0010292
%RSD	10.50531	.2924499	.0564158	46.48104	5.054222	10.62567

#1	.0038664	1.026934	1.068984	-.002801	-.015007	.0107087
#2	.0033538	1.032780	1.070116	-.001395	-.015945	.0096996
#3	.0031633	1.031122	1.069188	-.001277	-.016601	.0086504

Elem	Sr4077
Units	ppm
Avg	.4650027
Stddev	.0007622
%RSD	.1639110

#1	.4653457
#2	.4655330
#3	.4641292

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1875.899	2520.325	34073.01	5595.613	3066.233
Stddev	9.013	5.711	96.10	12.105	6.910
%RSD	.4804517	.2266014	.2820396	.2163345	.2253482

#1	1868.901	2515.119	34162.79	5608.679	3064.979
#2	1886.069	2526.434	34084.60	5584.780	3073.684
#3	1872.727	2519.421	33971.65	5593.381	3060.036

Sample Name: CCV012 Acquired: 4/20/2018 16:30:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV012 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.023211	4.892385	24.47391	5.203789	5.284942	403.3573
Stddev	.055814	.066969	.28944	.032171	.046827	.3369
%RSD	1.111130	1.368842	1.182628	.6182188	.8860497	.0835117

#1	5.085862	4.944886	24.79304	5.238540	5.338489	403.0182
#2	5.004979	4.816966	24.40032	5.197782	5.264675	403.3618
#3	4.978793	4.915303	24.22838	5.175046	5.251662	403.6919

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.13741	.4727364	2.398744	393.6346	15.17193	2.509106
Stddev	.03879	.0018084	.032653	1.3185	.04062	.032375
%RSD	.3826049	.3825309	1.361260	.3349486	.2677079	1.290292

#1	10.09414	.4716570	2.436307	392.1507	15.21851	2.545102
#2	10.14905	.4748242	2.382791	394.0819	15.14393	2.499846
#3	10.16905	.4717282	2.377135	394.6712	15.15335	2.482370

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.20840	400.9299	14.34095	397.4785	2.542470	1.239158
Stddev	.02431	1.3865	.03223	1.5929	.035572	.008900
%RSD	.1598408	.3458227	.2247606	.4007458	1.399128	.7182167

#1	15.18843	400.2817	14.33417	395.9775	2.582798	1.234573
#2	15.20132	399.9862	14.31264	397.3083	2.529061	1.249415
#3	15.23547	402.5218	14.37603	399.1496	2.515551	1.233486

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	398.7557	2.467291	14.72841	154.7084	F 3.003853	5.025258
Stddev	1.6346	.009713	.28705	.1191	.030102	.013161
%RSD	.4099371	.3936789	1.948940	.0770038	1.002119	.2618966

#1	399.9062	2.473909	14.58301	154.7296	3.038312	5.010144
#2	396.8845	2.456140	15.05906	154.5801	2.982677	5.034186
#3	399.4763	2.471825	14.54315	154.8155	2.990570	5.031445

Sample Name: CCV012 Acquired: 4/20/2018 16:30:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV012 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.125141	4.911886	4.625194	5.068271	4.880327	5.109706
Stddev	.048920	.066143	.022051	.063034	.007220	.014404
%RSD	.9545088	1.346587	.4767511	1.243695	.1479382	.2819045

#1	5.181564	4.988261	4.603754	5.140646	4.873273	5.093179
#2	5.099288	4.873927	4.647809	5.038761	4.880006	5.116340
#3	5.094572	4.873471	4.624018	5.025405	4.887702	5.119597

Elem	Sr4077
Units	ppm
Avg	5.102993
Stddev	.003517
%RSD	.0689198

#1	5.099818
#2	5.102386
#3	5.106774

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1750.739	2324.958	33374.93	5272.919	2906.657
Stddev	19.366	17.478	77.41	15.767	31.442
%RSD	1.106171	.7517722	.2319500	.2990235	1.081740

#1	1765.572	2305.543	33400.99	5266.941	2871.378
#2	1728.830	2329.889	33287.86	5290.801	2916.870
#3	1757.814	2339.441	33435.96	5261.015	2931.724

Sample Name: CCB012 Acquired: 4/20/2018 16:34:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL 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	.0021902	.0014768	.0002410	.0033072	.0013966	.0047282	-.001159
Stddev	.0023792	.0018135	.0010562	.0035664	.0011463	.0064108	.000512
%RSD	108.6332	122.7973	438.3403	107.8373	82.08182	135.5880	44.15713

#1	.0049299	-.000430	-.000211	.0072513	.0027143	-.002634	-.000585
#2	.0009967	.001681	-.000514	.0023612	.0006292	.009082	-.001325
#3	.0006438	.003180	.001448	.0003092	.0008463	.007736	-.001568

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000030	-.000217	-.008141	.0000475	-.000122	.0006158	-.003028
Stddev	.000065	.000075	.027269	.0003562	.000054	.0041205	.005938
%RSD	218.1112	34.49096	334.9400	750.3753	44.38646	669.1378	196.1026

#1	-.000103	-.000156	-.030637	.0004525	-.000164	.0051223	-.000765
#2	-.000005	-.000195	.022186	-.000093	-.000061	-.000316	.001446
#3	.000019	-.000301	-.015973	-.000217	-.000140	-.002959	-.009764

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000011	.0432501	-.000019	.0004938	-.160380	-.001012	-.008715
Stddev	.000410	.0196374	.000133	.0001758	.229286	.007632	.005637
%RSD	3669.013	45.40434	692.0595	35.59850	142.9637	754.4529	64.67709

#1	-.000485	.0253650	.000126	.0003302	-.329044	-.009283	-.002463
#2	.000237	.0642642	-.000135	.0004716	-.252787	.000491	-.013409
#3	.000215	.0401212	-.000049	.0006797	.100690	.005757	-.010274

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.21660	.0007812	.0032959	-.000046	-.029539	-.006435	.0011077
Stddev	.04230	.0003073	.0007815	.000280	.001945	.001211	.0011538
%RSD	1.908516	39.33765	23.71167	605.6156	6.585507	18.81635	104.1558

#1	-2.25769	.0004267	.0039334	-.000327	-.027294	-.007698	.0024187
#2	-2.17317	.0009726	.0035303	.000234	-.030609	-.005284	.0006575
#3	-2.21894	.0009443	.0024240	-.000046	-.030715	-.006325	.0002470

Sample Name: CCB012 Acquired: 4/20/2018 16:34:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v493) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB012 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000073	-.002486	.0000495
Stddev	.0003909	.001360	.0000785
%RSD	5364.044	54.68943	158.5408

#1	.0002861	-.001206	.0001382
#2	.0001752	-.003914	-.000011
#3	-.000439	-.002339	.000022

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2206.201	2961.579	40368.08	5757.708	4229.752
Stddev	15.214	16.984	66.18	40.836	18.265
%RSD	.6895891	.5734908	.1639334	.7092365	.4318333

#1	2188.647	2973.846	40359.47	5803.850	4239.087
#2	2214.382	2968.696	40438.14	5743.050	4241.464
#3	2215.574	2942.193	40306.63	5726.225	4208.706