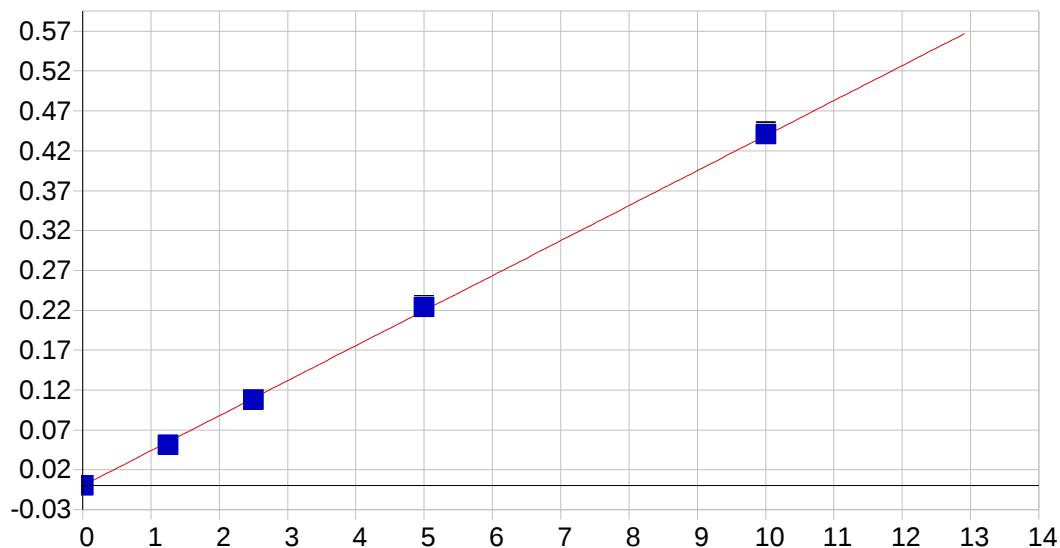


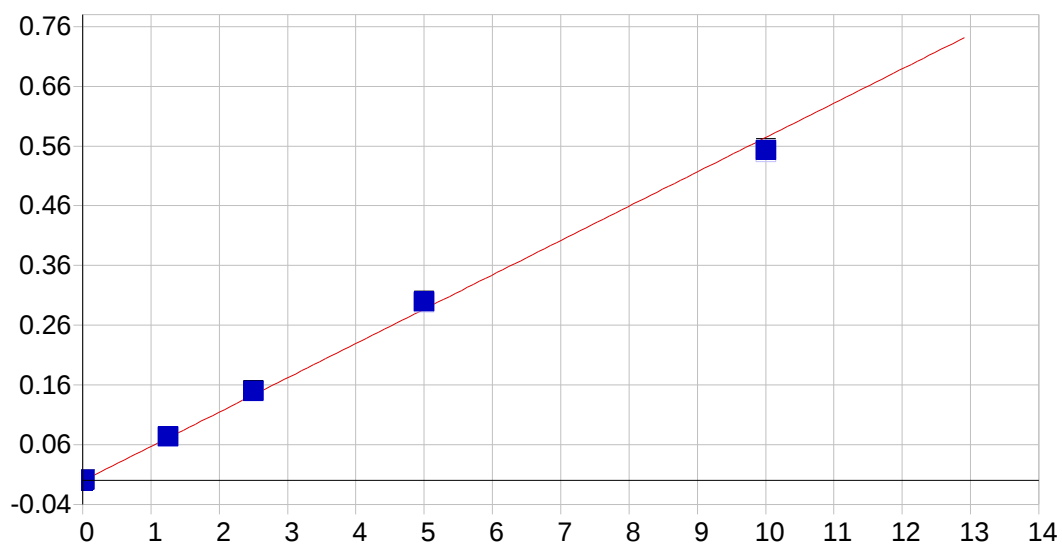


As 189.042 {479}

Date of Fit: 3/23/2018 17:52:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000042 Re-Slope: 1.000000
 A1 (Gain): 0.043901 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999755 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.003253
 Predicted MQL: 0.010844

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00004	.000	1
S1	.01000	.00733	-.003	-26.7	.00036	.000	1
S2	1.2500	1.1703	-.080	-6.38	.05155	.000	1
S3	2.5000	2.4448	-.055	-2.21	.10763	.001	1
S4	5.0000	5.1020	.102	2.04	.22454	.002	1
S5	10.000	10.036	.036	.356	.44165	.002	1

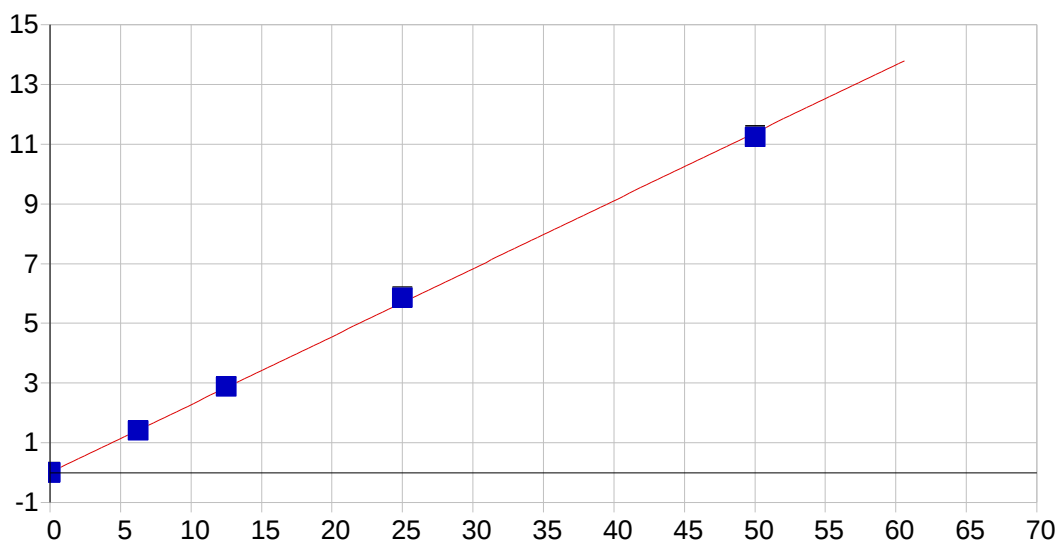


TI 190.856 {477}

Date of Fit: 3/23/2018 17:52:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000360 Re-Slope: 1.000000
 A1 (Gain): 0.057459 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999192 Status: OK.
 Std Error of Est: 0.000061
 Predicted MDL: 0.002338
 Predicted MQL: 0.007792

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00036	.000	1
S1	.02500	.02420	-.001	-3.21	.00101	.000	1
S2	1.2500	1.2884	.038	3.07	.07324	.000	1
S3	2.5000	2.6150	.115	4.60	.14903	.001	1
S4	5.0000	5.2198	.220	4.40	.29783	.001	1
S5	10.000	9.6276	-.372	-3.72	.54936	.003	1

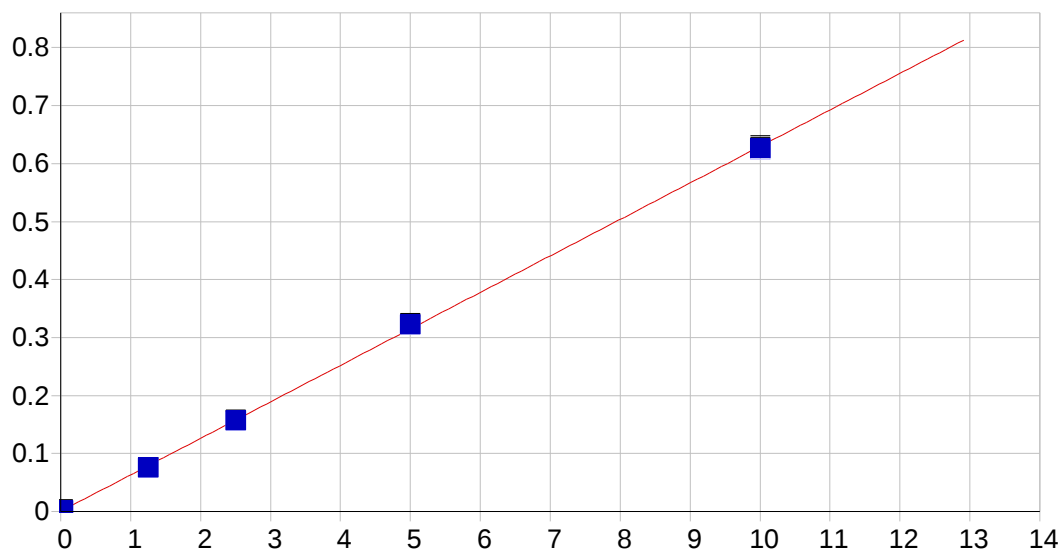


Pb 220.353 {453}

Date of Fit: 3/23/2018 17:52:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000210 Re-Slope: 1.000000
 A1 (Gain): 0.227679 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999832 Status: OK.
 Std Error of Est: 0.000157
 Predicted MDL: 0.001548
 Predicted MQL: 0.005161

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00021	.000	1
S1	.01000	.00923	-.001	-7.68	.00191	.000	1
S2	6.2500	6.1490	-.101	-1.62	1.4020	.005	1
S3	12.500	12.603	.103	.828	2.8738	.008	1
S4	25.000	25.694	.694	2.78	5.8588	.026	1
S5	50.000	49.304	-.696	-1.39	11.243	.047	1

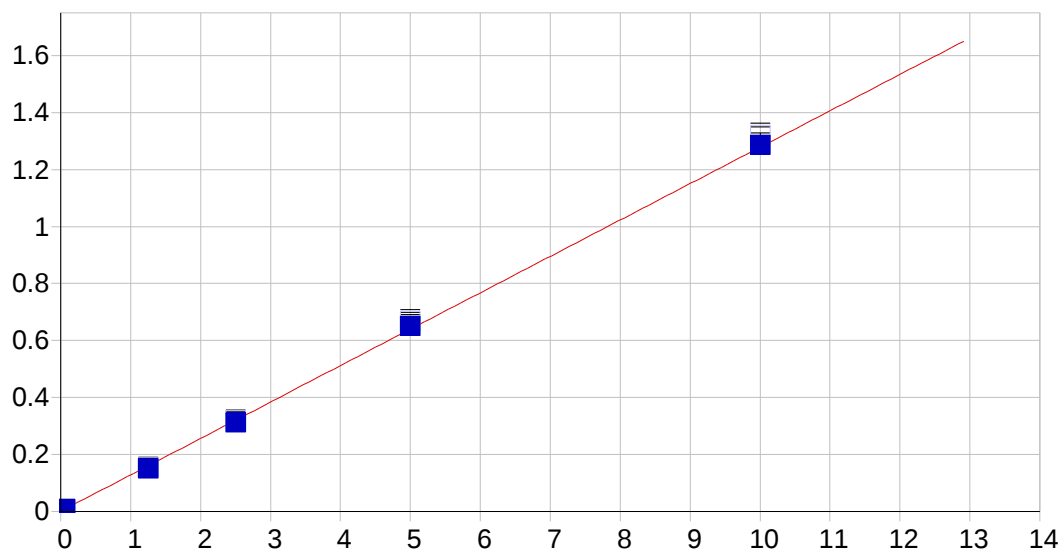


Se 196.090 {472}

Date of Fit: 3/23/2018 17:52:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000270 Re-Slope: 1.000000
 A1 (Gain): 0.062938 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999823 Status: OK.
 Std Error of Est: 0.000037
 Predicted MDL: 0.003110
 Predicted MQL: 0.010366

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00027	.000	1
S1	.03500	.03144	-.004	-10.2	.00225	.000	1
S2	1.2500	1.1927	-.057	-4.59	.07496	.001	1
S3	2.5000	2.4921	-.008	-.316	.15638	.001	1
S4	5.0000	5.1272	.127	2.54	.32149	.002	1
S5	10.000	9.9416	-.058	-.584	.62302	.005	1

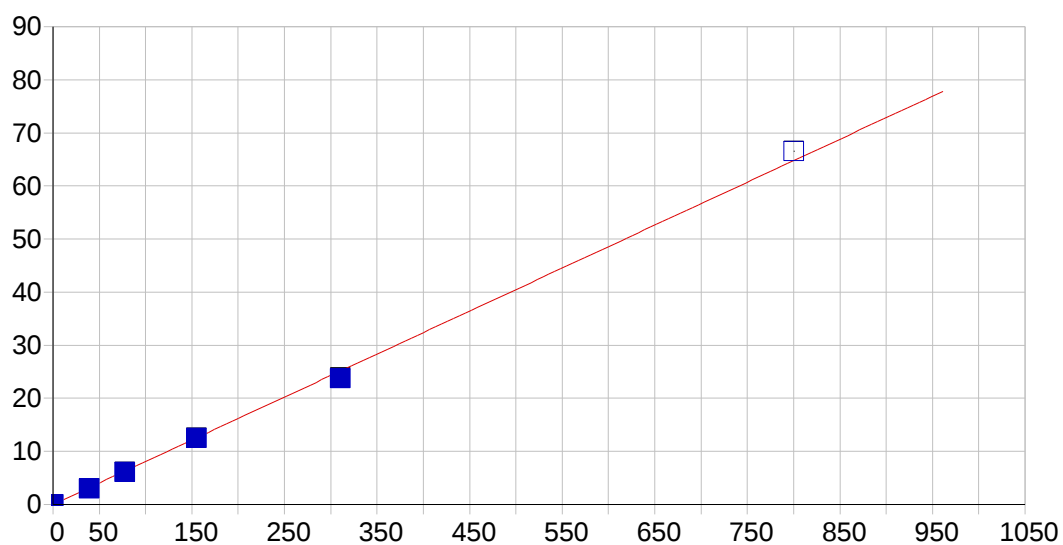


Sb 206.833 {463}

Date of Fit: 3/23/2018 17:52:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000834 Re-Slope: 1.000000
 A1 (Gain): 0.127767 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999744 Status: OK.
 Std Error of Est: 0.000122
 Predicted MDL: 0.001702
 Predicted MQL: 0.005672

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00084	.000	1
S1	.06000	.05463	-.005	-8.96	.00781	.000	1
S2	1.2500	1.1665	-.084	-6.68	.15422	.001	1
S3	2.5000	2.4304	-.070	-2.79	.32005	.002	1
S4	5.0000	5.0932	.093	1.86	.66898	.005	1
S5	10.000	10.065	.065	.651	1.3216	.006	1

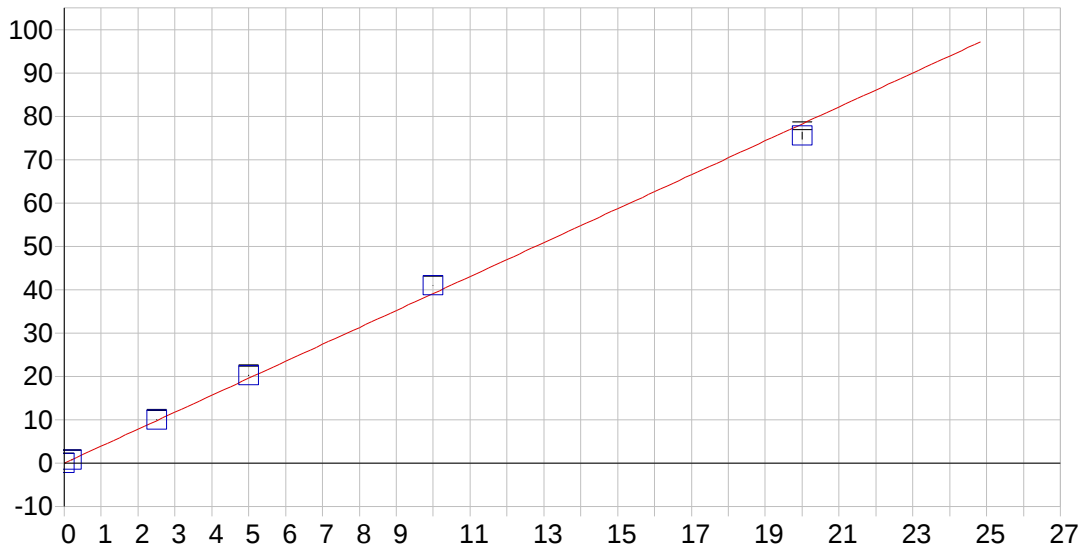


AI 396.152 { 85}

Date of Fit: 3/23/2018 17:52:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001084 Re-Slope: 1.000000
 A1 (Gain): 0.080952 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999393 Status: OK.
 Std Error of Est: 0.001755
 Predicted MDL: 0.012513
 Predicted MQL: 0.041709

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00109	.001	1
S1	.20000	.19066	-.009	-4.67	.01654	.001	1
S2	38.750	36.645	-2.11	-5.43	2.9705	.038	1
S3	77.500	74.791	-2.71	-3.50	6.0614	.022	1
S4	155.00	154.16	-.845	-.545	12.492	.011	1
S5	310.00	293.67	-16.3	-5.27	23.798	.098	1
S6	800.00	822.02	22.0	2.75	66.545	.009	1

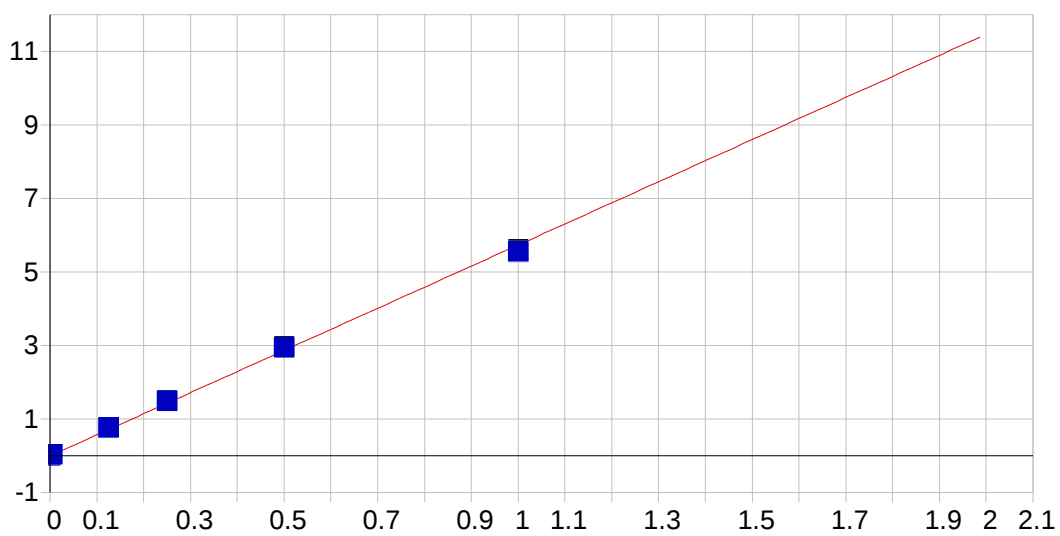


Ba 493.409 { 68}

Date of Fit: 3/23/2018 17:52:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000022 Re-Slope: 1.000000
 A1 (Gain): 3.912068 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999293 Status: OK.
 Std Error of Est: 0.015638
 Predicted MDL: 0.000661
 Predicted MQL: 0.002204

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00004	.003	1
S1	.20000	.20094	.001	.472	.78613	.001	1
S2	2.5000	2.5551	.055	2.21	9.9959	.081	1
S3	5.0000	5.1748	.175	3.50	20.244	.088	1
S4	10.000	10.466	.466	4.66	40.943	.077	1
S5	20.000	19.303	-.697	-3.48	75.515	.893	1

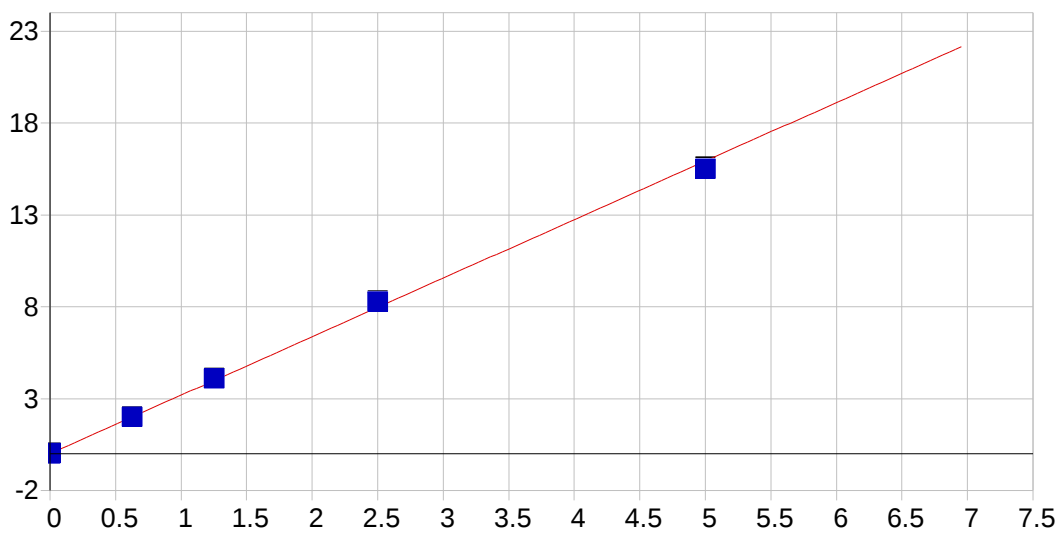


Be 234.861 {144}

Date of Fit: 3/23/2018 17:52:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004035 Re-Slope: 1.000000
 A1 (Gain): 5.736020 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999387 Status: OK.
 Std Error of Est: 0.000751
 Predicted MDL: 0.000089
 Predicted MQL: 0.000295

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00404	.000	1
S1	.00500	.00558	.001	11.5	.02793	.001	1
S2	.12500	.13227	.007	5.81	.75152	.004	1
S3	.25000	.25973	.010	3.89	1.4795	.014	1
S4	.50000	.51425	.014	2.85	2.9332	.022	1
S5	1.0000	.96817	-.032	-3.18	5.5243	.068	1

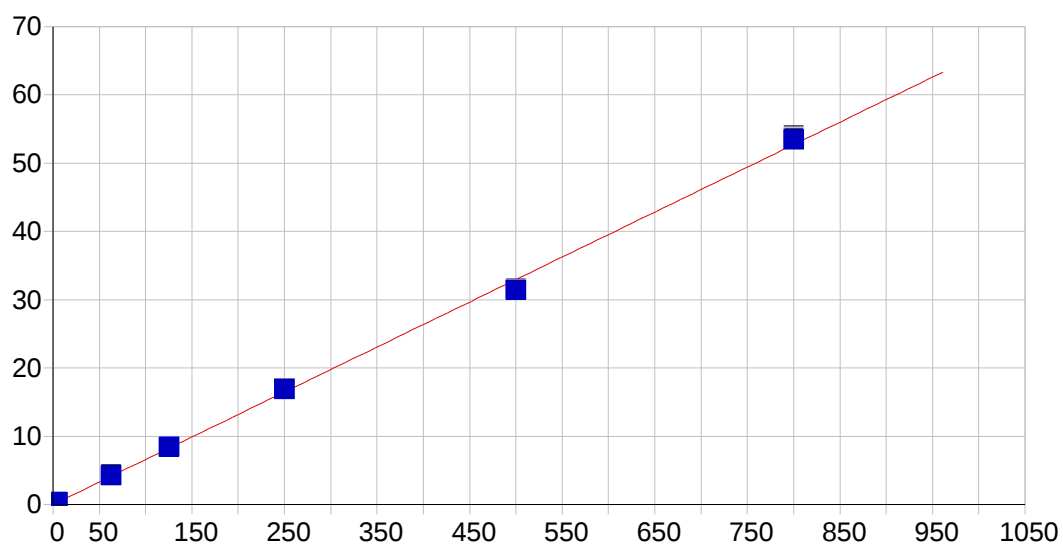


Cd 214.438 {457}

Date of Fit: 3/23/2018 17:52:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000305 Re-Slope: 1.000000
 A1 (Gain): 3.185107 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999550 Status: OK.
 Std Error of Est: 0.000803
 Predicted MDL: 0.000079
 Predicted MQL: 0.000262

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00031	.000	1
S1	.00500	.00500	.000	-.081	.01562	.000	1
S2	.62500	.62595	.001	.153	1.9975	.005	1
S3	1.2500	1.2837	.034	2.69	4.0965	.013	1
S4	2.5000	2.5996	.100	3.98	8.2960	.028	1
S5	5.0000	4.8658	-.134	-2.68	15.531	.071	1

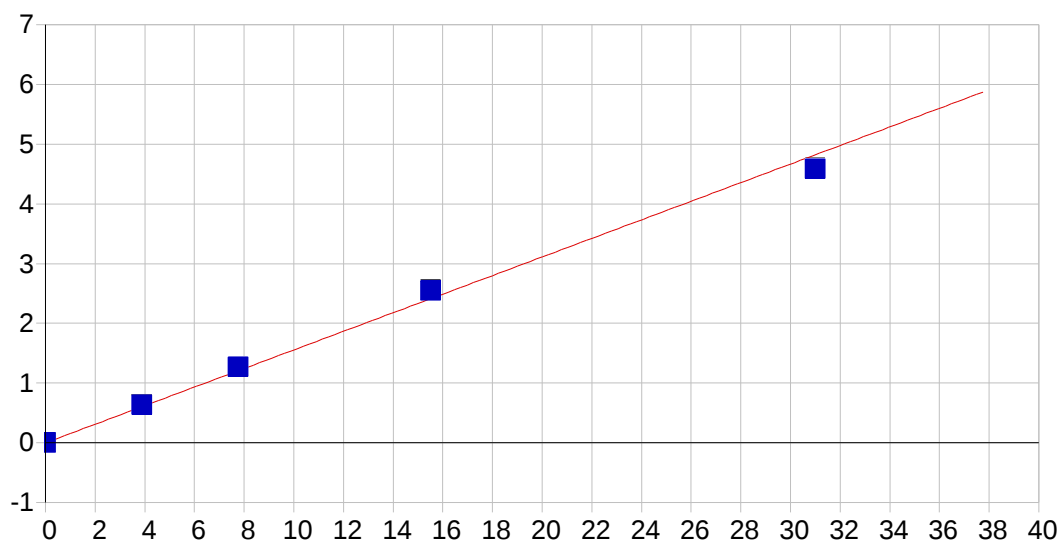


Ca 373.690 { 90}

Date of Fit: 3/23/2018 17:52:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002843 Re-Slope: 1.000000
 A1 (Gain): 0.065897 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999550 Status: OK.
 Std Error of Est: 0.006933
 Predicted MDL: 0.014414
 Predicted MQL: 0.048048

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00056	-.001	.000	.00281	.001	1
S1	5.0000	5.2747	.275	5.49	.35047	.002	1
S2	62.500	64.830	2.33	3.73	4.2896	.036	1
S3	125.00	128.46	3.46	2.77	8.4976	.038	1
S4	250.00	256.11	6.11	2.44	16.938	.009	1
S5	500.00	476.73	-23.3	-4.65	31.535	.035	1
S6	800.00	811.07	11.1	1.38	53.763	.261	1

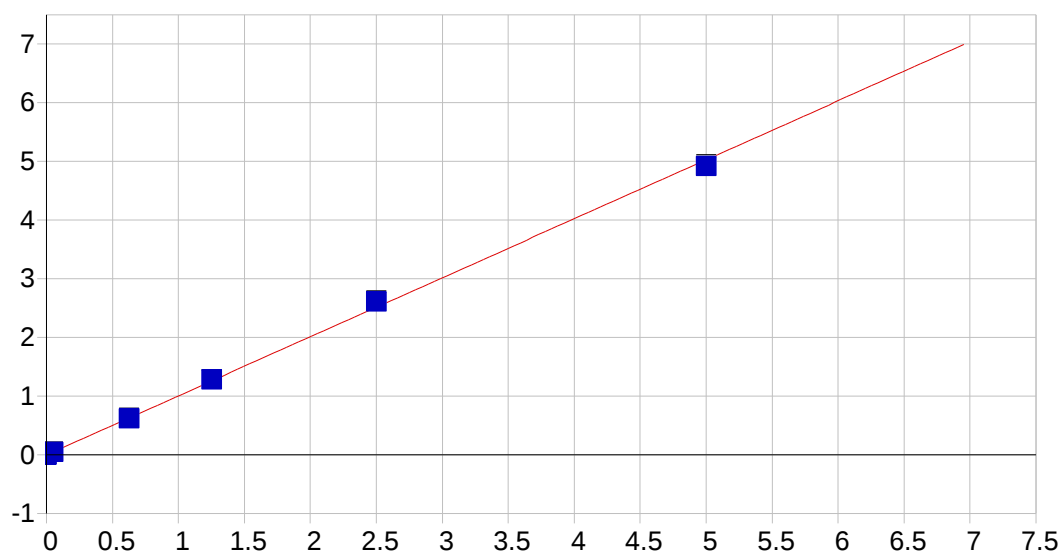


Cr 267.716 {126}

Date of Fit: 3/23/2018 17:52:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000067 Re-Slope: 1.000000
 A1 (Gain): 0.155548 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998651 Status: OK.
 Std Error of Est: 0.000239
 Predicted MDL: 0.000643
 Predicted MQL: 0.002143

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00007	.000	1
S1	.01000	.01097	.001	9.67	.00164	.000	1
S2	3.8750	4.0757	.201	5.18	.63496	.001	1
S3	7.7500	8.1772	.427	5.51	1.2740	.002	1
S4	15.500	16.382	.882	5.69	2.5523	.007	1
S5	31.000	29.490	-1.51	-4.87	4.5955	.010	1

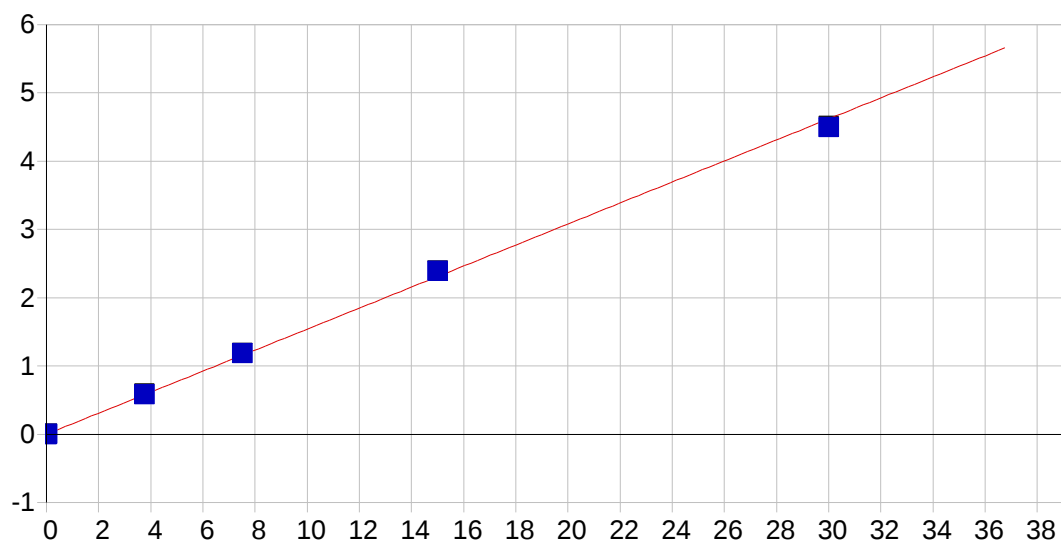


Co 228.616 {448}

Date of Fit: 3/23/2018 17:52:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000488 Re-Slope: 1.000000
 A1 (Gain): 1.005976 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999654 Status: OK.
 Std Error of Est: 0.000704
 Predicted MDL: 0.000245
 Predicted MQL: 0.000817

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00049	.000	1
S1	.05000	.04770	-.002	-4.60	.04768	.000	1
S2	.62500	.61881	-.006	-.991	.62326	.001	1
S3	1.2500	1.2721	.022	1.77	1.2817	.003	1
S4	2.5000	2.5952	.095	3.81	2.6152	.013	1
S5	5.0000	4.8913	-.109	-2.17	4.9300	.017	1

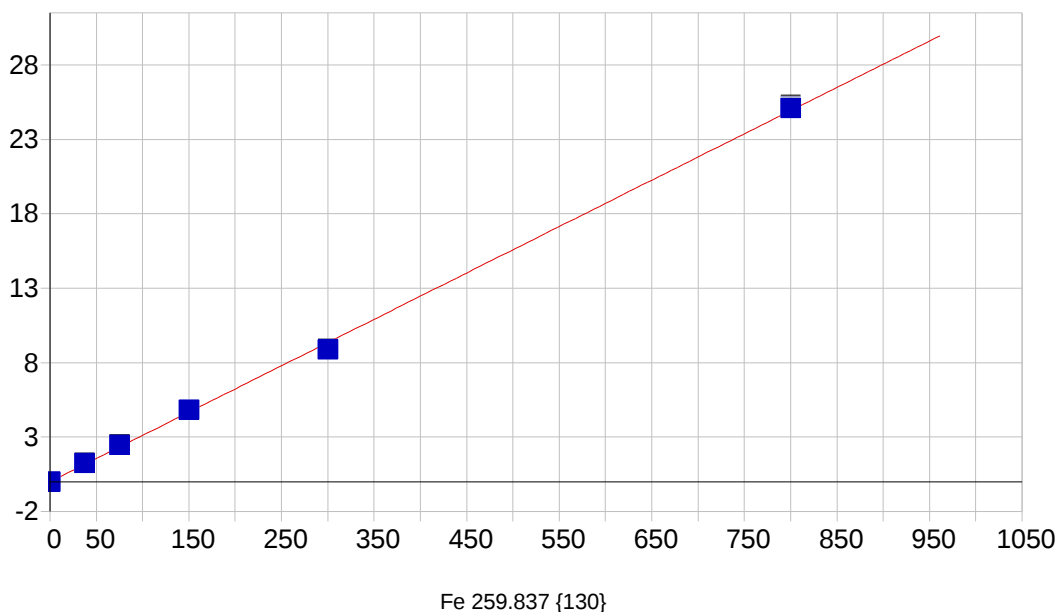


Cu 324.754 {104}

Date of Fit: 3/23/2018 17:52:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000194 Re-Slope: 1.000000
 A1 (Gain): 0.153984 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999602 Status: OK.
 Std Error of Est: 0.000199
 Predicted MDL: 0.003434
 Predicted MQL: 0.011445

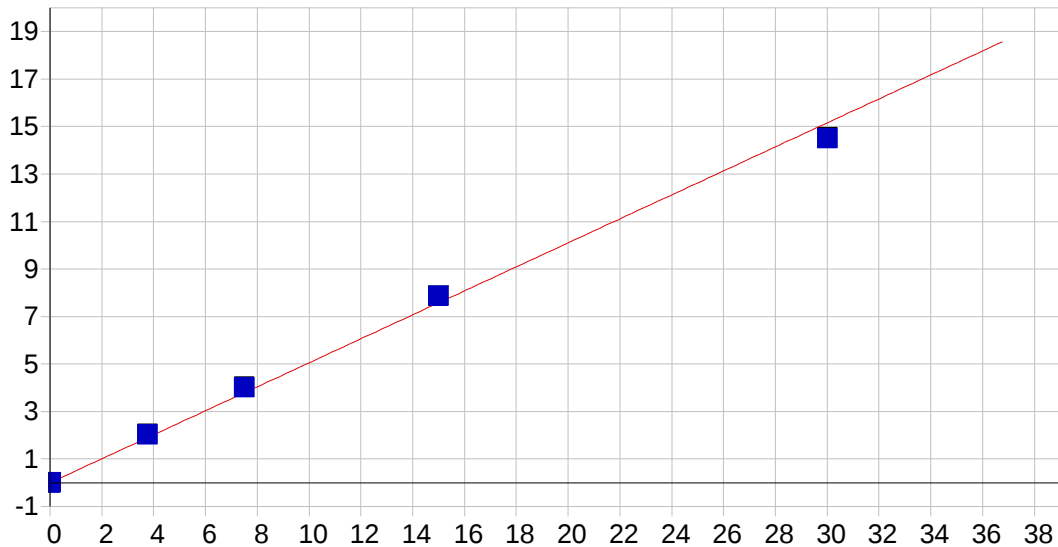
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00019	.001	1
S1	.02500	.02657	.002	6.29	.00428	.001	1
S2	3.7500	3.8062	.056	1.50	.58592	.006	1
S3	7.5000	7.6914	.191	2.55	1.1838	.001	1
S4	15.000	15.530	.530	3.53	2.3901	.005	1
S5	30.000	29.221	-.779	-2.60	4.4969	.014	1



Date of Fit: 3/23/2018 17:52:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000102 Re-Slope: 1.000000
 A1 (Gain): 0.031163 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999521 Status: OK.
 Std Error of Est: 0.000423
 Predicted MDL: 0.010193
 Predicted MQL: 0.033978

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00010	.000	1
S1	.10000	.11222	.012	12.2	.00366	.000	1
S2	37.500	39.594	2.09	5.58	1.2402	.008	1
S3	75.000	78.812	3.81	5.08	2.4686	.015	1
S4	150.00	155.13	5.13	3.42	4.8596	.004	1
S5	300.00	284.44	-15.6	-5.19	8.9143	.011	1
S6	800.00	804.51	4.51	.563	25.184	.121	1

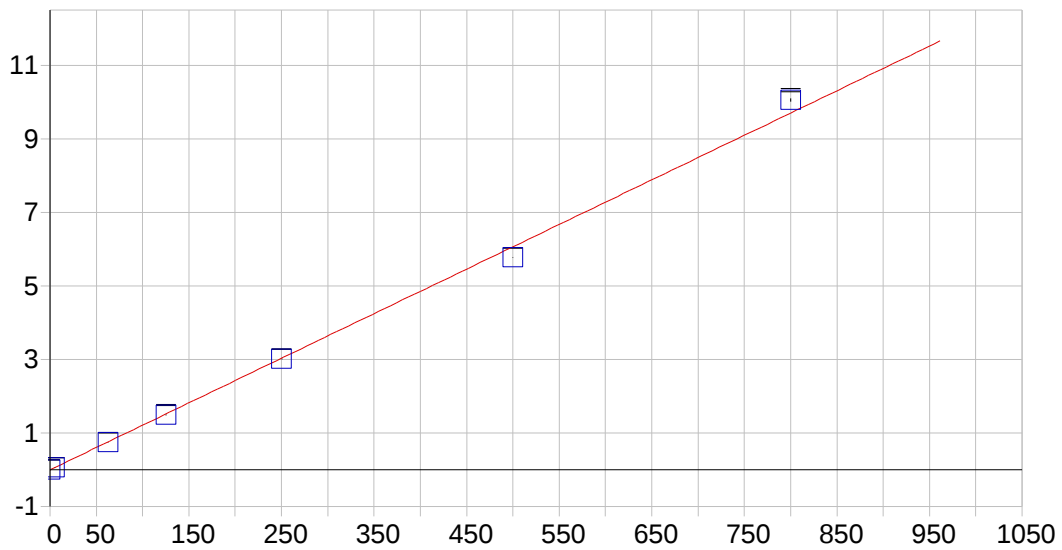


Mn 257.610 {131}

Date of Fit: 3/23/2018 17:52:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000033 Re-Slope: 1.000000
 A1 (Gain): 0.505181 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998891 Status: OK.
 Std Error of Est: 0.000847
 Predicted MDL: 0.000627
 Predicted MQL: 0.002091

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00003	.000	1
S1	.01500	.01665	.002	11.0	.00845	.000	1
S2	3.7500	4.0279	.278	7.41	2.0353	.014	1
S3	7.5000	7.9422	.442	5.90	4.0132	.027	1
S4	15.000	15.576	.576	3.84	7.8703	.004	1
S5	30.000	28.703	-1.30	-4.32	14.503	.040	1



Mg 279.079 {121}

Date of Fit: 3/23/2018 17:52:34

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000507

Re-Slope: 1.000000

A1 (Gain): 0.012126

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999326

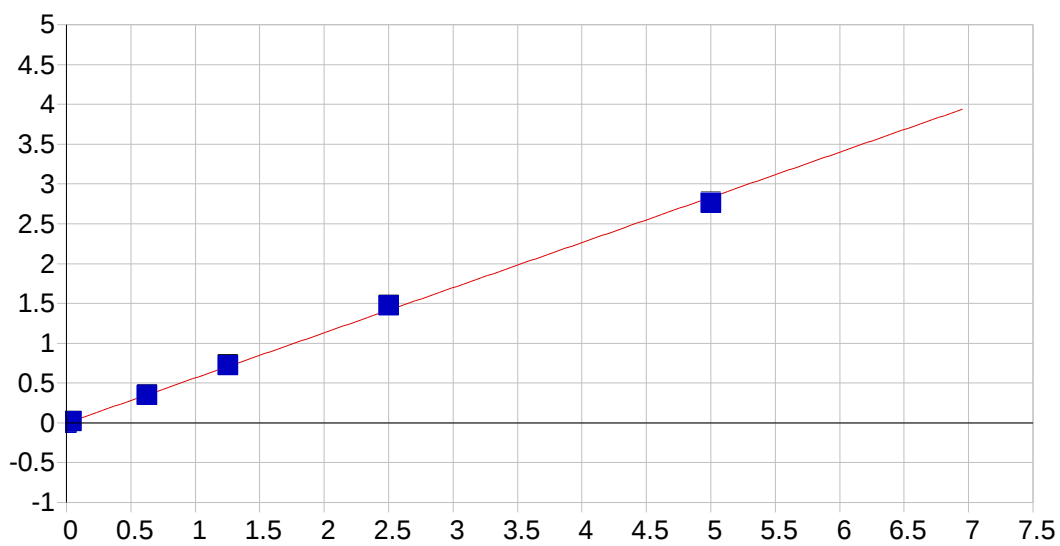
Status: OK.

Std Error of Est: 0.001555

Predicted MDL: 0.031453

Predicted MQL: 0.104842

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00052	.001	.000	-.00050	.000	1
S1	5.0000	4.7627	-.237	-4.75	.05725	.000	1
S2	62.500	60.911	-1.59	-2.54	.73808	.009	1
S3	125.00	123.05	-1.95	-1.56	1.4916	.008	1
S4	250.00	249.02	-.976	-.391	3.0191	.000	1
S5	500.00	475.53	-24.5	-4.89	5.7656	.006	1
S6	800.00	829.22	29.2	3.65	10.054	.040	1

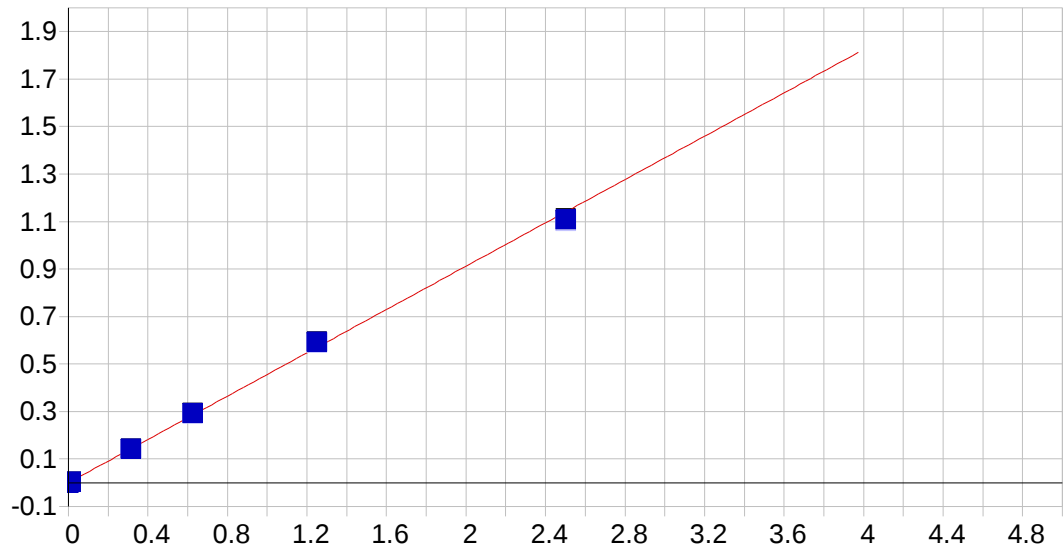


Ni 231.604 {446}

Date of Fit: 3/23/2018 17:52:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001809 Re-Slope: 1.000000
 A1 (Gain): 0.566721 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999580 Status: OK.
 Std Error of Est: 0.000391
 Predicted MDL: 0.000445
 Predicted MQL: 0.001485

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00181	.000	1
S1	.04000	.03949	-.001	-1.26	.02059	.000	1
S2	.62500	.62388	-.001	-.179	.35248	.001	1
S3	1.2500	1.2809	.031	2.47	.72555	.003	1
S4	2.5000	2.5987	.099	3.95	1.4738	.005	1
S5	5.0000	4.8721	-.128	-2.56	2.7651	.007	1

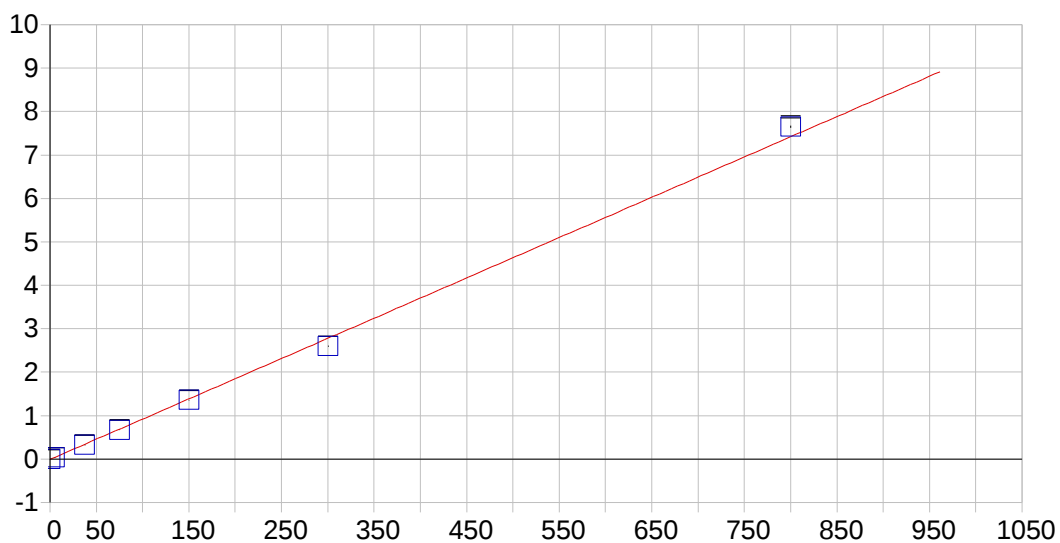


Ag 328.068 {103}

Date of Fit: 3/23/2018 17:52:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000147 Re-Slope: 1.000000
 A1 (Gain): 0.456088 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999536 Status: OK.
 Std Error of Est: 0.000116
 Predicted MDL: 0.000435
 Predicted MQL: 0.001451

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00015	.000	1
S1	.01000	.01019	.000	1.90	.00447	.000	1
S2	.31250	.31355	.001	.337	.14189	.000	1
S3	.62500	.64191	.017	2.71	.29067	.001	1
S4	1.2500	1.2999	.050	3.99	.58882	.001	1
S5	2.5000	2.4320	-.068	-2.72	1.1013	.003	1



Na 818.326 { 41}

Date of Fit: 3/23/2018 17:52:34

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.007987

Re-Slope: 1.000000

A1 (Gain): 0.009284

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999201

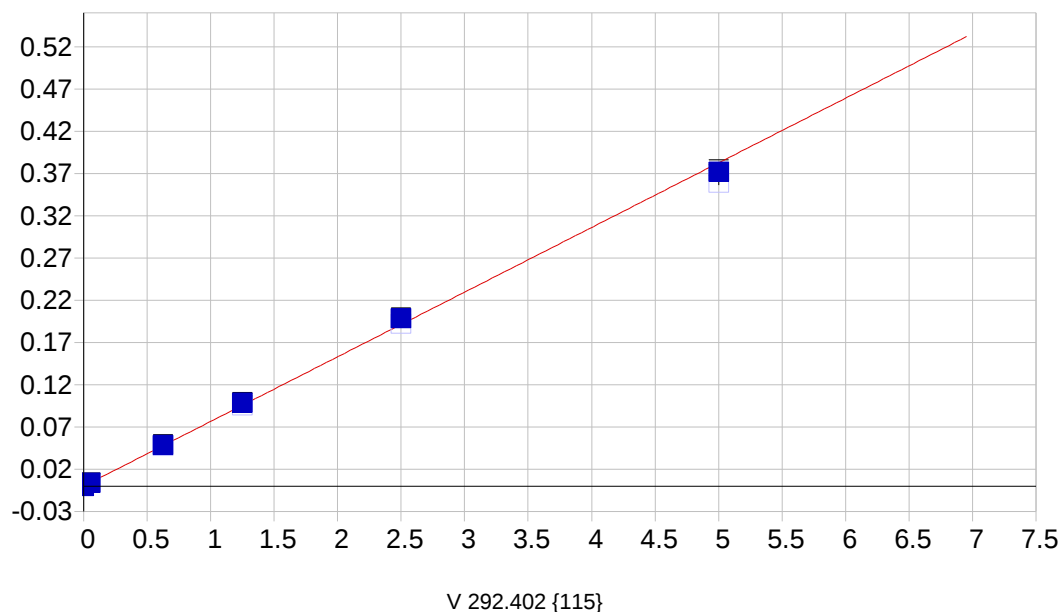
Status: OK.

Std Error of Est: 0.001148

Predicted MDL: 0.251208

Predicted MQL: 0.837359

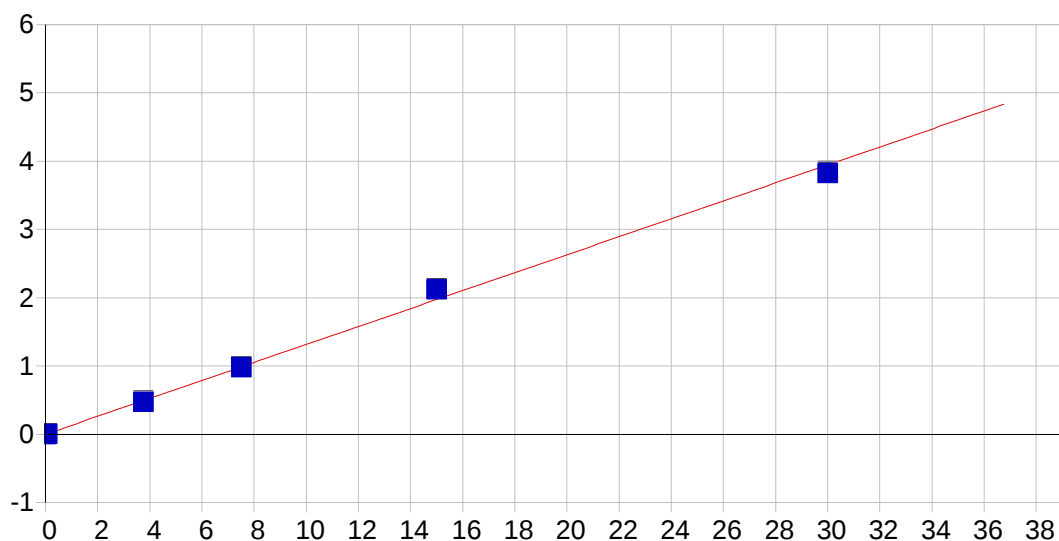
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00061	.001	.000	-.00798	.002	1
S1	5.0000	4.9333	-.067	-1.33	.03781	.002	1
S2	37.500	36.380	-1.12	-2.99	.32976	.001	1
S3	75.000	72.998	-2.00	-2.67	.66971	.005	1
S4	150.00	147.21	-2.79	-1.86	1.3587	.006	1
S5	300.00	280.67	-19.3	-6.44	2.5976	.004	1
S6	800.00	825.31	25.3	3.16	7.6540	.028	1



Date of Fit: 3/23/2018 17:52:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000063 Re-Slope: 1.000000
 A1 (Gain): 0.076517 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999494 Status: OK.
 Std Error of Est: 0.000063
 Predicted MDL: 0.004768
 Predicted MQL: 0.015893

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00006	.000	1
S1	.05000	.04930	-.001	-1.39	.00370	.000	1
S2	.62500	.63745	.012	1.99	.04714	.001	1
S3	1.2500	1.2893	.039	3.14	.09543	.001	1
S4	2.5000	2.5917	.092	3.67	.19194	.001	1
S5	5.0000	4.8572	-.143	-2.86	.35898	.003	1

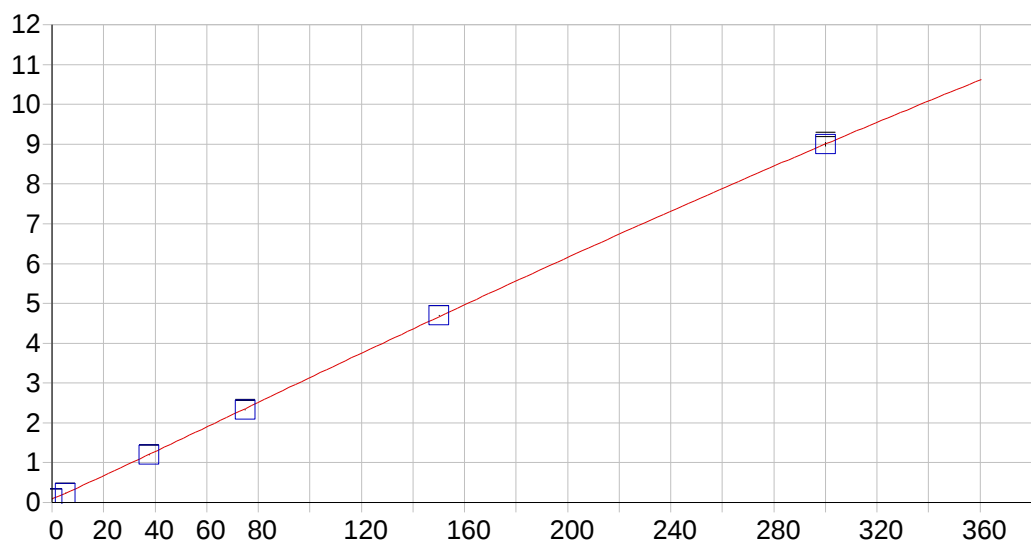


Zn 213.856 {158}

Date of Fit: 3/23/2018 17:52:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001094 Re-Slope: 1.000000
 A1 (Gain): 0.131547 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998983 Status: OK.
 Std Error of Est: 0.000424
 Predicted MDL: 0.005276
 Predicted MQL: 0.017588

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00110	.001	1
S1	.06000	.07021	.010	17.0	.00817	.001	1
S2	3.7500	3.6114	-.139	-3.70	.47629	.010	1
S3	7.5000	7.4403	-.060	-.796	.98229	.011	1
S4	15.000	16.100	1.10	7.33	2.1261	.009	1
S5	30.000	29.088	-.912	-3.04	3.8439	.008	1

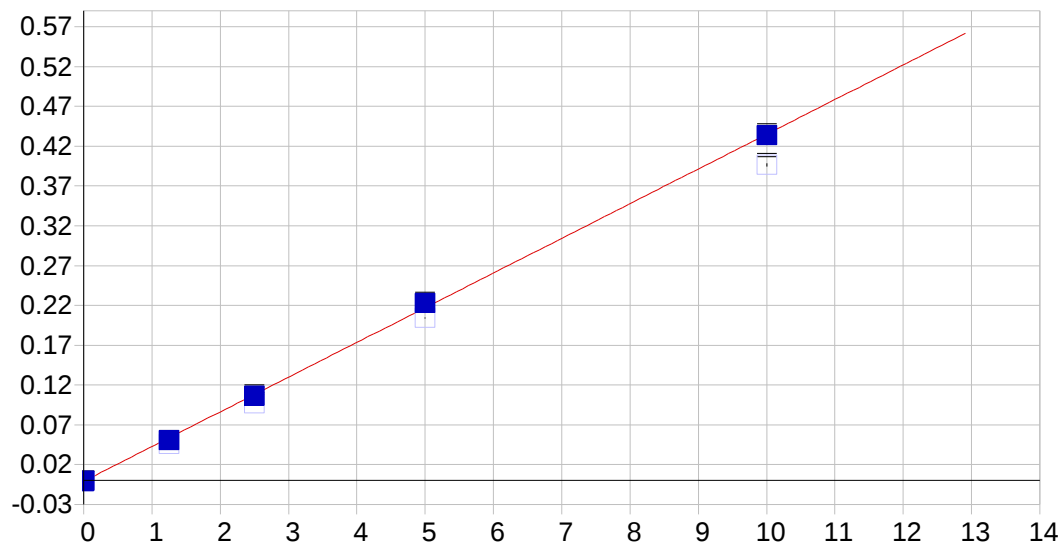


K 769.896 { 44}

Date of Fit: 3/23/2018 17:52:34 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.093579 Re-Slope: 1.000000
 A1 (Gain): 0.024996 Y-int: 0.000000
 A2 (Curvature): -0.000007
 n (Exponent): 1.050000
 Correlation: 0.999966 Status: OK.
 Std Error of Est: 0.000725
 Predicted MDL: 0.084950
 Predicted MQL: 0.283165

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.09357	.001	1
S1	5.0000	5.2943	.294	5.89	.23719	.003	1
S2	37.500	37.359	-.141	-.376	1.1993	.005	1
S3	75.000	74.044	-.956	-1.28	2.3324	.011	1
S4	150.00	151.19	1.19	.791	4.6979	.003	1
S5	300.00	299.64	-.362	-.121	8.9922	.055	1

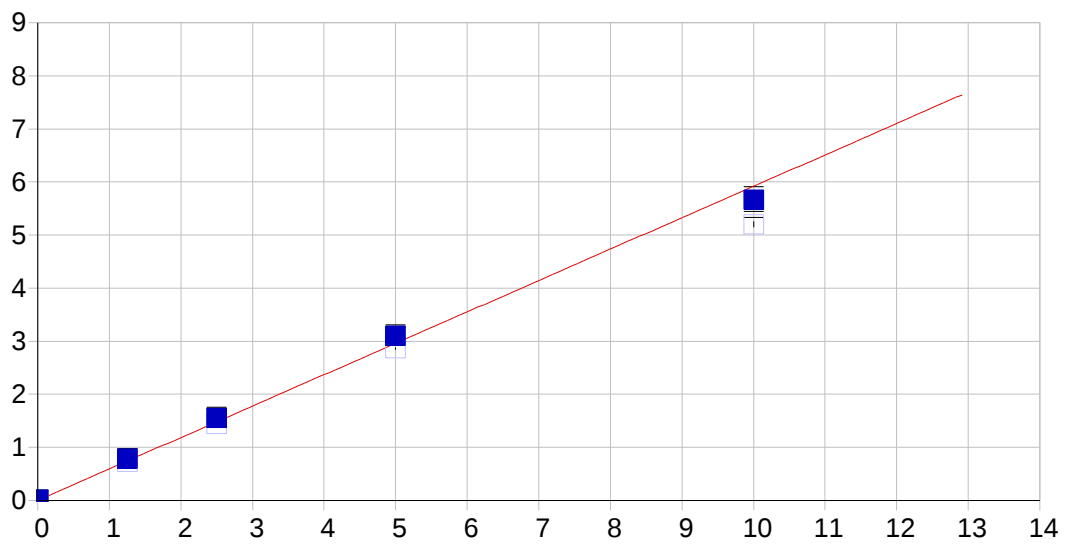


P 177.495 {490}

Date of Fit: 3/23/2018 17:52:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000774 Re-Slope: 1.000000
 A1 (Gain): 0.043574 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999713 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.002622
 Predicted MQL: 0.008740

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00077	.000	1
S1	.01000	.01006	.000	.642	-.00036	.000	1
S2	1.2500	1.1751	-.075	-6.00	.04573	.000	1
S3	2.5000	2.4596	-.040	-1.62	.09700	.001	1
S4	5.0000	5.1380	.138	2.76	.20432	.001	1
S5	10.000	9.9773	-.023	-.227	.39640	.002	1

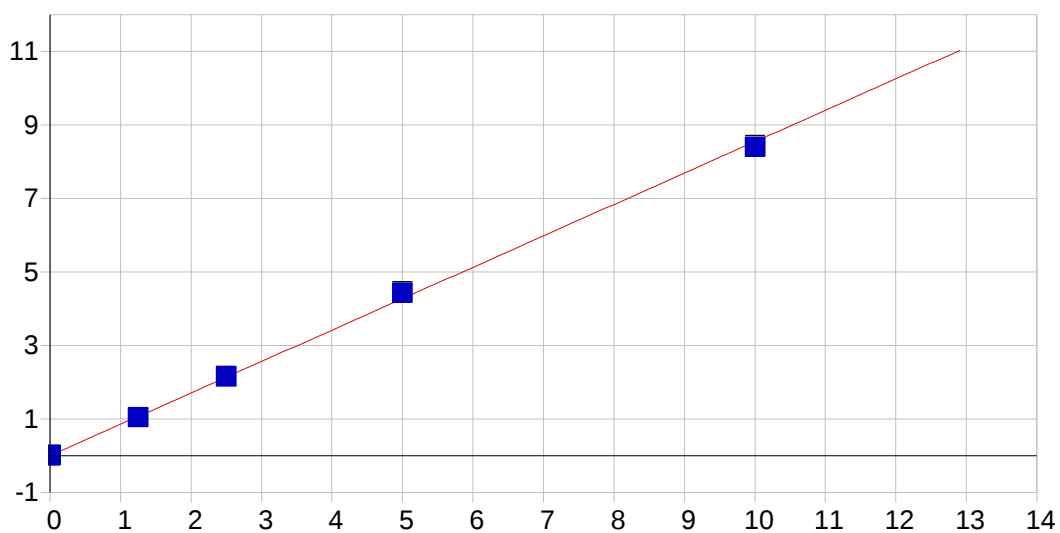


B 249.678 {135}

Date of Fit: 3/23/2018 17:52:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003289 Re-Slope: 1.000000
 A1 (Gain): 0.591447 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998772 Status: OK.
 Std Error of Est: 0.000453
 Predicted MDL: 0.001056
 Predicted MQL: 0.003520

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00329	.000	1
S1	.01000	.00844	-.002	-15.6	.00816	.000	1
S2	1.2500	1.3240	.074	5.92	.72781	.004	1
S3	2.5000	2.6237	.124	4.95	1.4380	.014	1
S4	5.0000	5.2280	.228	4.56	2.8611	.024	1
S5	10.000	9.5759	-.424	-4.24	5.1985	.058	1

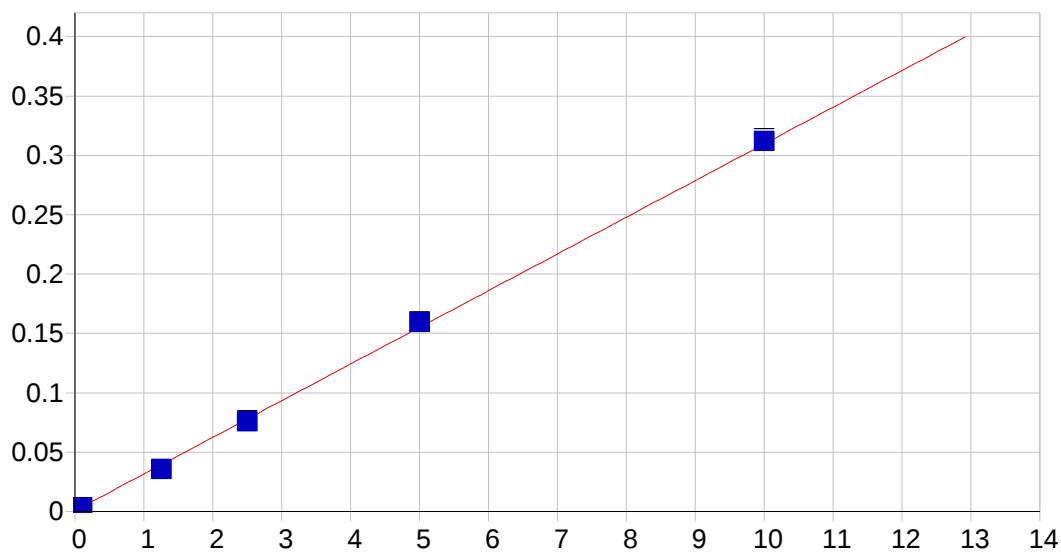


Mo 202.030 {467}

Date of Fit: 3/23/2018 17:52:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000156 Re-Slope: 1.000000
 A1 (Gain): 0.854504 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999709 Status: OK.
 Std Error of Est: 0.000346
 Predicted MDL: 0.000259
 Predicted MQL: 0.000863

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00016	.000	1
S1	.01000	.00959	.000	-4.12	.00834	.000	1
S2	1.2500	1.2165	-.034	-2.68	1.0396	.007	1
S3	2.5000	2.5164	.016	.655	2.1503	.009	1
S4	5.0000	5.1873	.187	3.75	4.4326	.035	1
S5	10.000	9.8302	-.170	-1.70	8.3997	.042	1

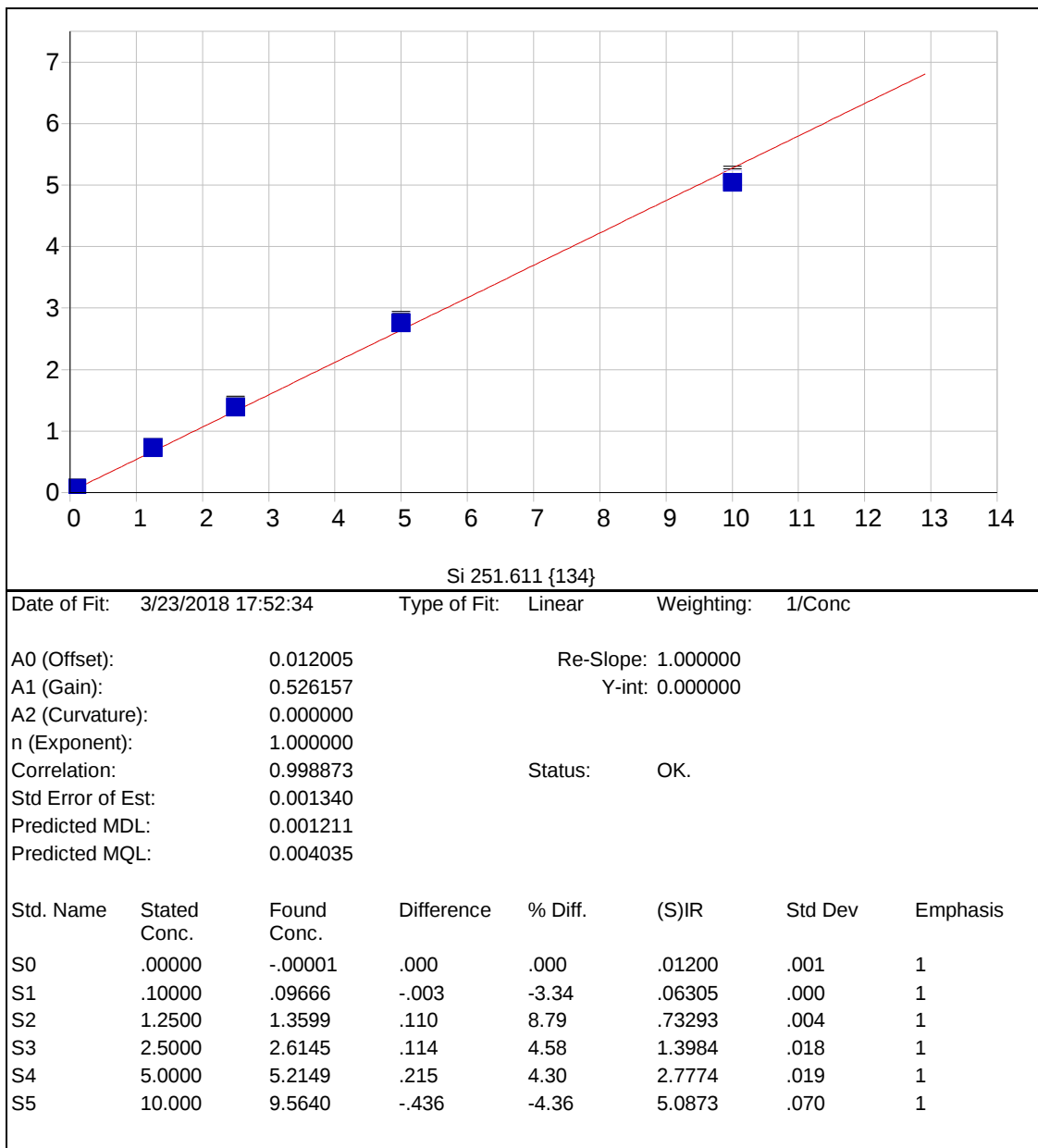


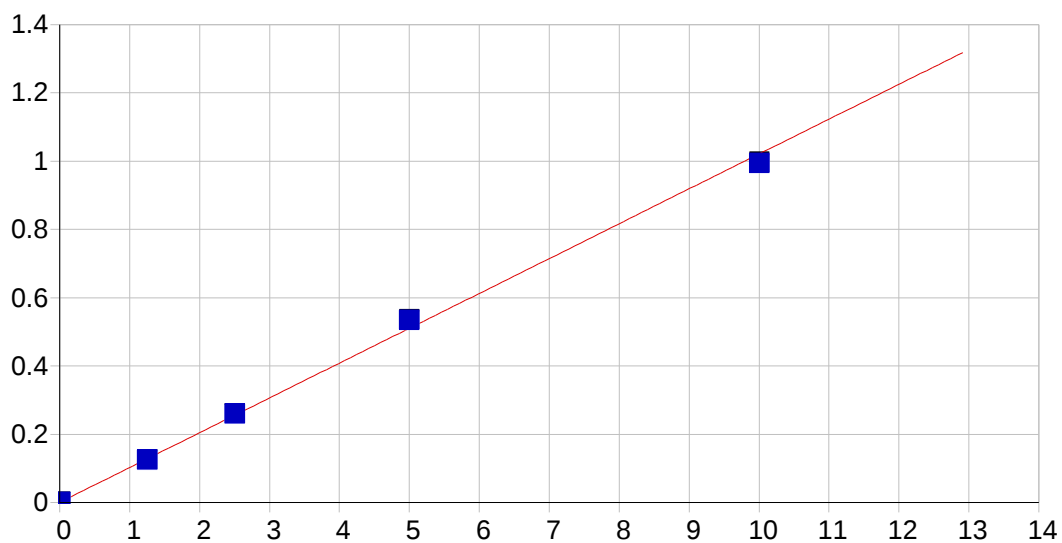
S 182.034 {485}

Date of Fit: 3/23/2018 17:52:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000630 Re-Slope: 1.000000
 A1 (Gain): 0.030897 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999391 Status: OK.
 Std Error of Est: 0.000057
 Predicted MDL: 0.004009
 Predicted MQL: 0.013362

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00063	.000	1
S1	.10000	.08031	-.020	-19.7	.00311	.000	1
S2	1.2500	1.1237	-.126	-10.1	.03536	.000	1
S3	2.5000	2.4297	-.070	-2.81	.07573	.001	1
S4	5.0000	5.1369	.137	2.74	.15940	.000	1
S5	10.000	10.079	.079	.794	.31216	.002	1



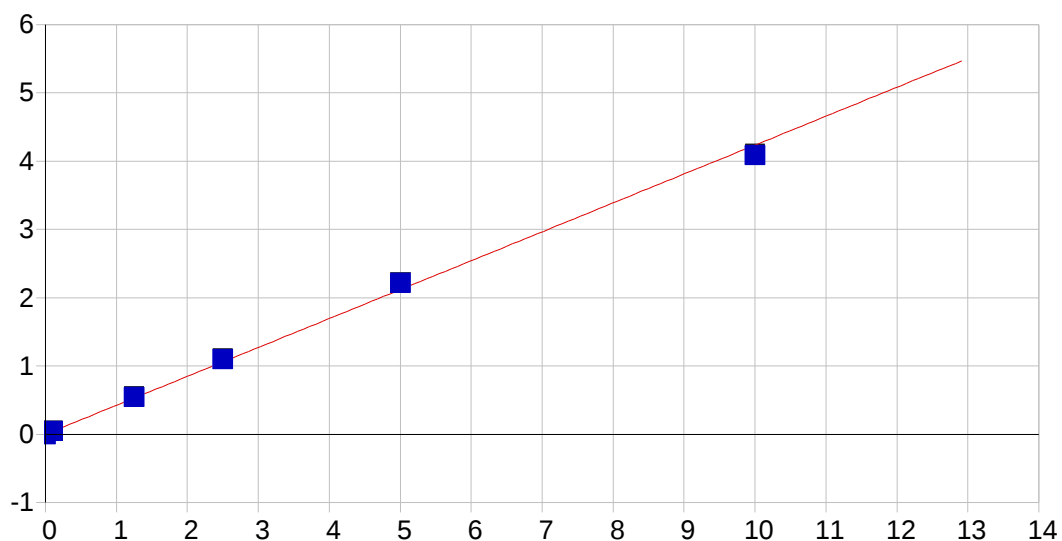


Sn 189.989 {478}

Date of Fit: 3/23/2018 17:52:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000309 Re-Slope: 1.000000
 A1 (Gain): 0.102066 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999485 Status: OK.
 Std Error of Est: 0.000046
 Predicted MDL: 0.001119
 Predicted MQL: 0.003731

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00031	.000	1
S1	.00700	.00613	-.001	-12.4	.00091	.000	1
S2	1.2500	1.2198	-.030	-2.41	.12453	.000	1
S3	2.5000	2.5421	.042	1.68	.25921	.001	1
S4	5.0000	5.2391	.239	4.78	.53392	.001	1
S5	10.000	9.7498	-.250	-2.50	.99318	.003	1

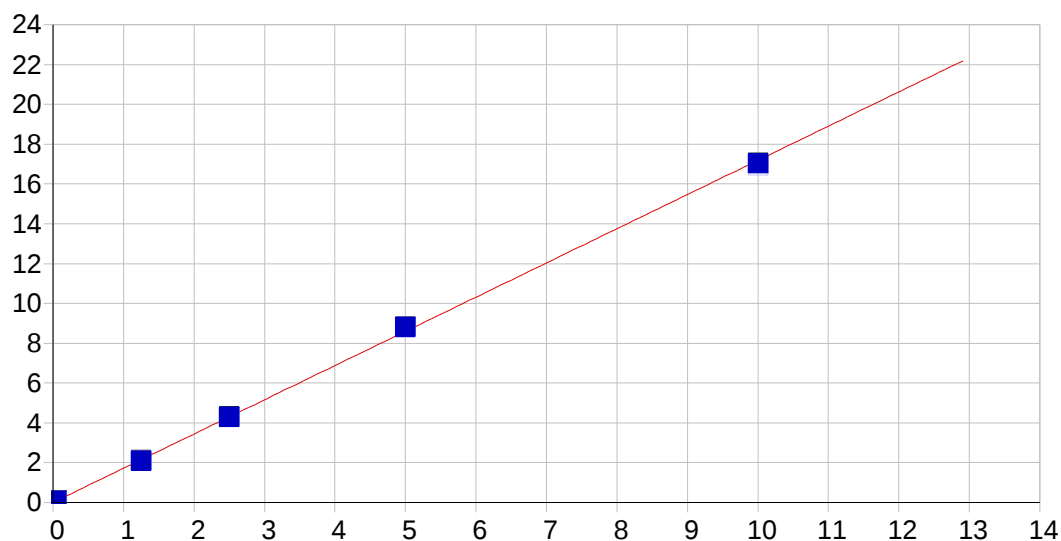


Ti 336.121 {100}

Date of Fit: 3/23/2018 17:52:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000304 Re-Slope: 1.000000
 A1 (Gain): 0.423566 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999280 Status: OK.
 Std Error of Est: 0.000855
 Predicted MDL: 0.001560
 Predicted MQL: 0.005200

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00030	.001	1
S1	.10000	.09774	-.002	-2.26	.04169	.001	1
S2	1.2500	1.2804	.030	2.43	.54243	.006	1
S3	2.5000	2.5918	.092	3.67	1.0977	.004	1
S4	5.0000	5.2312	.231	4.62	2.2153	.005	1
S5	10.000	9.6490	-.351	-3.51	4.0857	.020	1

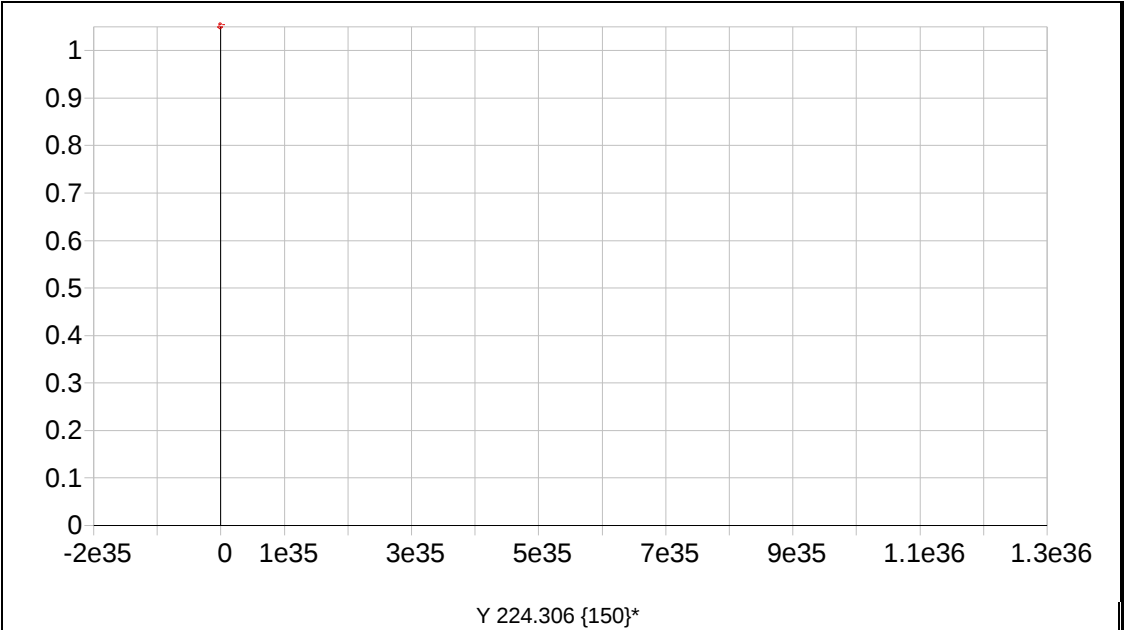


Li 670.784 { 50}

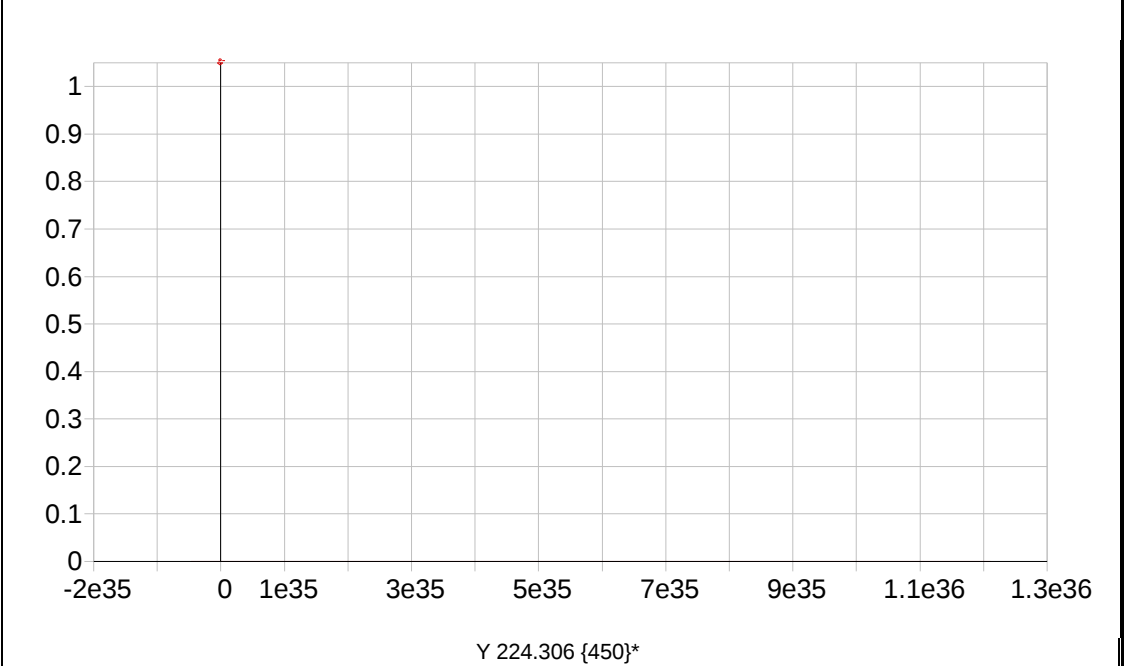
Date of Fit: 3/23/2018 17:52:34 Type of Fit: Linear Weighting: 1/Conc

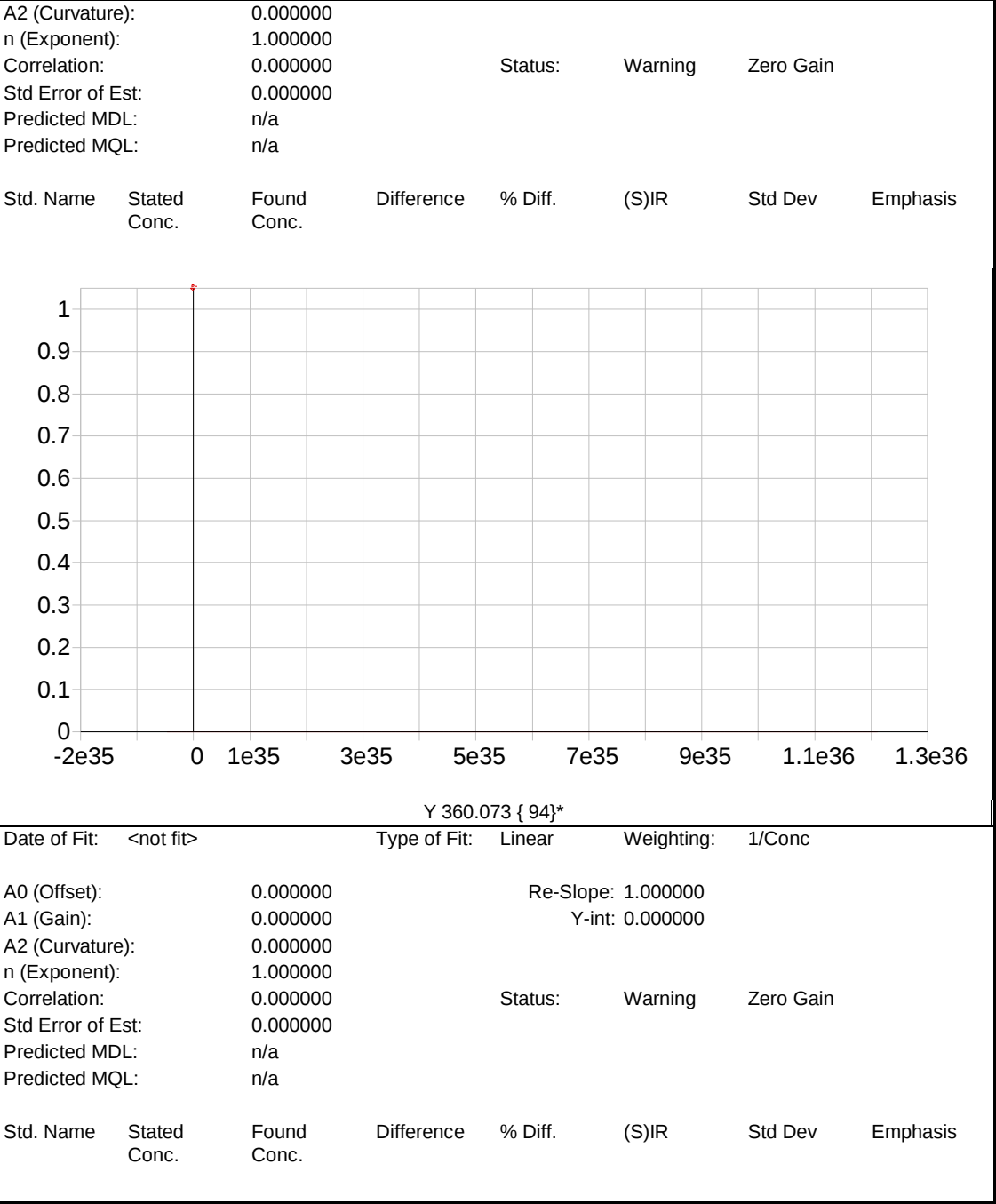
A0 (Offset): 0.004127 Re-Slope: 1.000000
 A1 (Gain): 1.718209 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999870 Status: OK.
 Std Error of Est: 0.001034
 Predicted MDL: 0.001449
 Predicted MQL: 0.004832

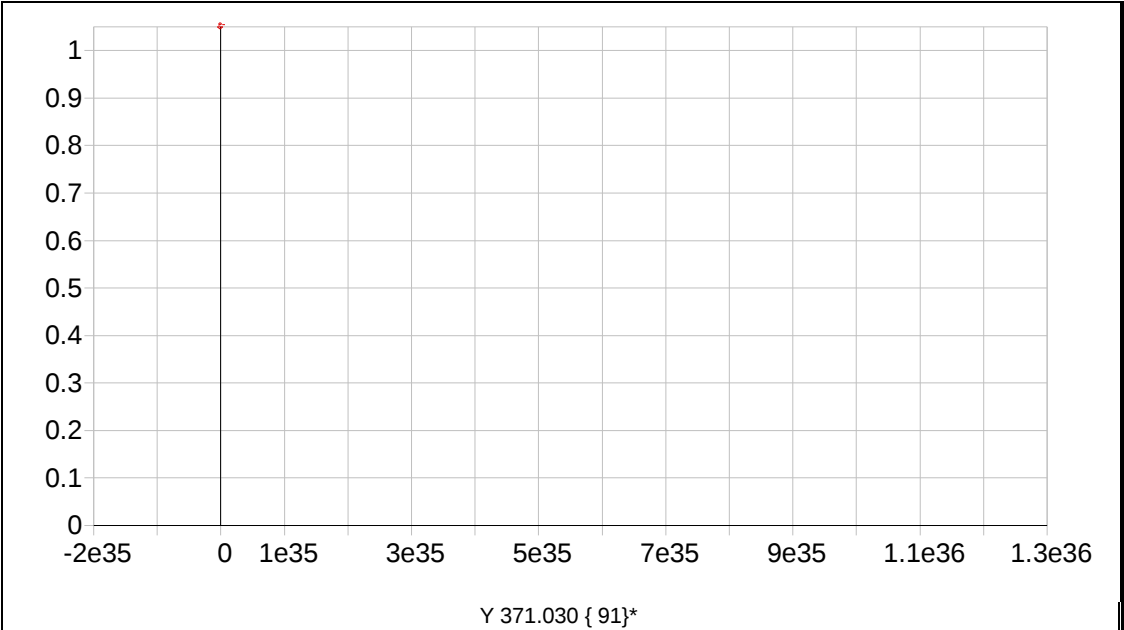
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00413	.001	1
S5	10.000	9.9061	-.094	-.939	16.928	.027	1
S4	5.0000	5.1238	.124	2.48	8.7596	.020	1
S3	2.5000	2.5024	.002	.094	4.2795	.008	1
S2	1.2500	1.2210	-.029	-2.32	2.0900	.025	1
S1	.05000	.04674	-.003	-6.53	.08426	.001	1



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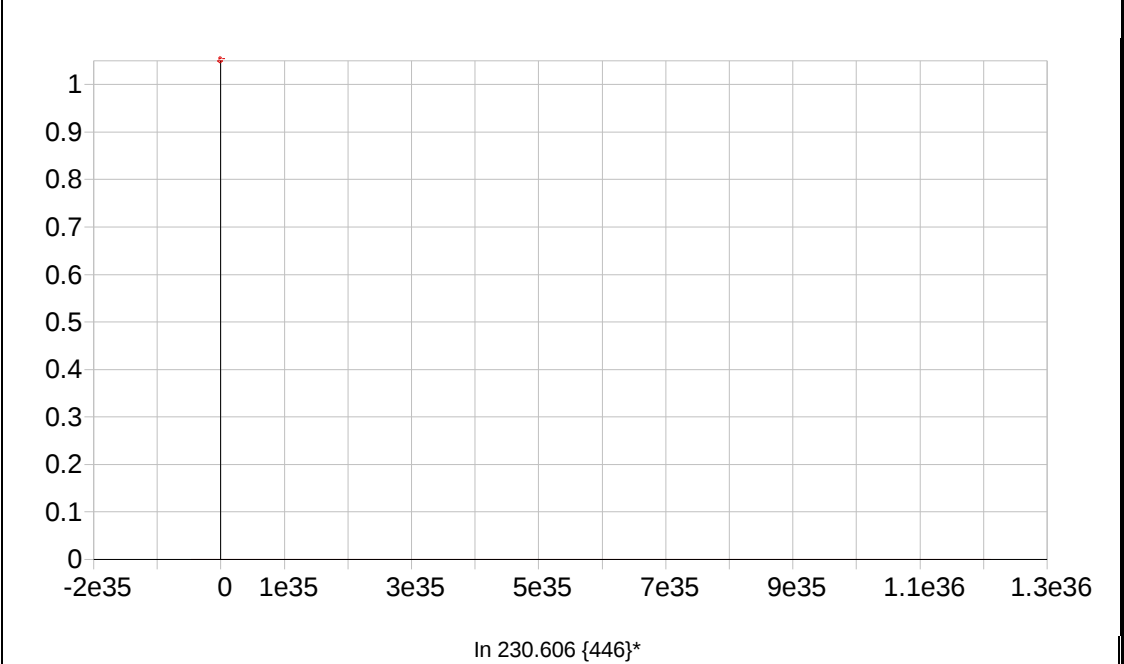




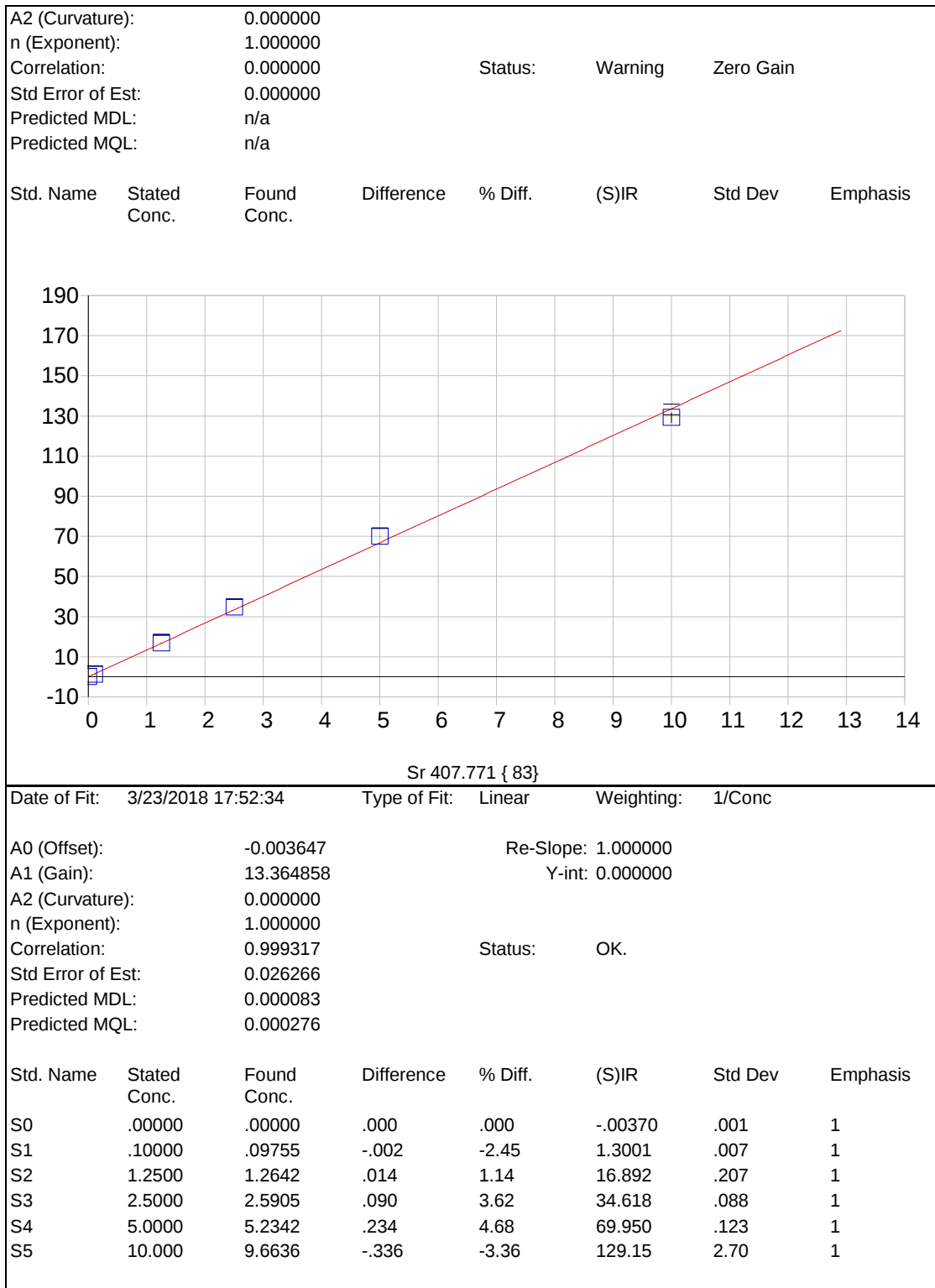


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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



Sample Name: S0 Acquired: 3/23/2018 12:11:08 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) 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	.00004	-.00036	-.00021	.00027	.00084	.00109	-.00004	-.00404
Stddev	.00009	.00012	.00028	.00011	.00004	.00069	.00301	.00027
%RSD	222.89	31.986	134.10	41.406	4.7611	63.798	8458.2	6.6789

#1	-.00001	-.00023	.00010	.00040	.00079	.00030	-.00075	-.00381
#2	.00015	-.00042	-.00029	.00021	.00087	.00136	-.00262	-.00398
#3	-.00001	-.00043	-.00044	.00020	.00084	.00160	.00326	-.00434

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	-.00031	.00281	-.00007	-.00049	.00019	.00010	.00003	-.00050
Stddev	.00023	.00097	.00004	.00013	.00056	.00012	.00007	.00016
%RSD	75.123	34.454	65.545	26.269	288.53	119.59	224.10	32.652

#1	-.00055	.00390	-.00006	-.00051	.00058	.00019	.00009	-.00067
#2	-.00028	.00207	-.00011	-.00060	.00045	-.00004	.00005	-.00049
#3	-.00009	.00245	-.00003	-.00035	-.00045	.00015	-.00005	-.00035

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	-.00181	-.00015	-.00798	-.00006	-.00110	.09357	-.00077	.00329
Stddev	.00028	.00004	.00195	.00018	.00076	.00147	.00007	.00035
%RSD	15.417	27.257	24.415	281.93	69.066	1.5705	9.6687	10.646

#1	-.00185	-.00018	-.00579	.00003	-.00026	.09342	-.00086	.00360
#2	-.00206	-.00010	-.00951	.00005	-.00174	.09511	-.00071	.00336
#3	-.00151	-.00016	-.00865	-.00027	-.00129	.09219	-.00076	.00291

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	.00016	.00063	.01200	.00031	.00030	.00413	-.00370	
Stddev	.00016	.00007	.00079	.00010	.00072	.00125	.00110	
%RSD	102.44	11.114	6.6139	33.896	237.44	30.296	29.796	

#1	.00015	.00070	.01165	.00043	.00112	.00315	-.00451	
#2	.00000	.00063	.01291	.00028	-.00020	.00371	-.00413	
#3	.00032	.00056	.01144	.00022	-.00001	.00554	-.00244	

Sample Name: S0 Acquired: 3/23/2018 12:11:08 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) 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	1314.2	2907.0	31293.	4762.4	3385.0
Stddev	7.1	7.4	110.	18.6	3.5
%RSD	.54393	.25440	.35201	.39074	.10481
#1	1306.1	2898.5	31175.	4768.1	3385.4
#2	1319.7	2911.3	31311.	4741.6	3381.3
#3	1316.7	2911.3	31393.	4777.5	3388.3

Sample Name: S1 Acquired: 3/23/2018 12:15:16 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) 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	.00036	.00101	.00191	.00225	.00781	.01654	.78613	.02793
Stddev	.00008	.00002	.00009	.00025	.00009	.00079	.00085	.00052
%RSD	23.030	1.6144	4.7743	10.955	1.1260	4.7481	.10863	1.8539

#1	.00032	.00103	.00181	.00204	.00771	.01643	.78544	.02779
#2	.00046	.00099	.00193	.00218	.00785	.01582	.78708	.02850
#3	.00031	.00101	.00199	.00252	.00788	.01738	.78586	.02749

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	.01562	.35047	.00164	.04768	.00428	.00366	.00845	.05725
Stddev	.00023	.00161	.00009	.00022	.00083	.00016	.00024	.00007
%RSD	1.4695	.46017	5.2866	.46003	19.406	4.2456	2.8622	.13028

#1	.01588	.34885	.00169	.04794	.00517	.00362	.00871	.05732
#2	.01552	.35208	.00170	.04753	.00354	.00354	.00840	.05723
#3	.01545	.35047	.00154	.04758	.00412	.00384	.00823	.05718

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	.02059	.00447	.03781	.00370	.00817	.23719	-.00036	.00816
Stddev	.00020	.00006	.00210	.00025	.00052	.00299	.00005	.00033
%RSD	.98847	1.2560	5.5507	6.6498	6.4192	1.2605	13.285	4.0360

#1	.02082	.00447	.03979	.00393	.00759	.23383	-.00031	.00800
#2	.02044	.00452	.03561	.00374	.00832	.23822	-.00039	.00854
#3	.02050	.00441	.03805	.00344	.00860	.23954	-.00040	.00794

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	.00834	.00311	.06305	.00091	.04169	.08426	1.3001	
Stddev	.00029	.00007	.00030	.00010	.00062	.00135	.0066	
%RSD	3.5251	2.2713	.47467	10.768	1.4769	1.5981	.50404	

#1	.00868	.00318	.06274	.00084	.04164	.08578	1.3067	
#2	.00812	.00312	.06306	.00102	.04110	.08377	1.2936	
#3	.00824	.00304	.06334	.00086	.04233	.08322	1.3001	

Sample Name: S1 Acquired: 3/23/2018 12:15:16 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) 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	1301.4	2907.4	31134.	4794.7	3364.8
Stddev	17.8	8.8	234.	5.7	11.7
%RSD	1.3665	.30404	.75131	.11888	.34725
#1	1308.8	2905.0	31246.	4797.2	3360.0
#2	1314.3	2917.2	31291.	4798.8	3378.1
#3	1281.1	2900.1	30865.	4788.2	3356.3

Sample Name: S2 Acquired: 3/23/2018 12:19:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) 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	.05155	.07324	1.4020	.07496	.15422	2.9705	9.9959	.75152
Stddev	.00031	.00024	.0046	.00056	.00086	.0381	.0815	.00377
%RSD	.59319	.32420	.32736	.74861	.55705	1.2811	.81528	.50153

#1	.05121	.07333	1.3985	.07511	.15358	2.9548	9.9617	.75210
#2	.05161	.07297	1.4004	.07435	.15389	3.0139	10.089	.75497
#3	.05182	.07342	1.4072	.07544	.15520	2.9428	9.9371	.74750

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	1.9975	4.2896	.63496	.62326	.58592	1.2402	2.0353	.73808
Stddev	.0049	.0355	.00147	.00129	.00591	.0084	.0135	.00869
%RSD	.24619	.82764	.23192	.20710	1.0095	.67486	.66514	1.1775

#1	1.9953	4.2794	.63588	.62220	.58193	1.2361	2.0304	.73646
#2	1.9941	4.3291	.63326	.62289	.59272	1.2498	2.0506	.74747
#3	2.0032	4.2603	.63574	.62470	.58312	1.2347	2.0249	.73032

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	.35248	.14189	.32976	.04714	.47629	1.1993	.04573	.72781
Stddev	.00125	.00035	.00108	.00062	.01006	.0054	.00030	.00405
%RSD	.35555	.24352	.32801	1.3126	2.1127	.44733	.64614	.55713

#1	.35121	.14154	.32977	.04693	.46765	1.1950	.04566	.72993
#2	.35252	.14223	.33083	.04783	.48734	1.2053	.04548	.73036
#3	.35372	.14190	.32867	.04664	.47388	1.1977	.04605	.72313

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	1.0396	.03536	.73293	.12453	.54243	2.0900	16.892	
Stddev	.0070	.00035	.00420	.00037	.00559	.0249	.207	
%RSD	.66921	.97649	.57354	.29903	1.0311	1.1929	1.2273	

#1	1.0353	.03558	.73518	.12431	.53819	2.0830	16.845	
#2	1.0358	.03497	.73552	.12432	.54877	2.1177	17.119	
#3	1.0476	.03554	.72808	.12496	.54034	2.0693	16.713	

Sample Name: S2 Acquired: 3/23/2018 12:19:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) 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	1250.7	2763.2	30447.	4727.5	3047.4
Stddev	5.7	12.3	199.	1.5	3.3
%RSD	.45309	.44378	.65481	.03089	.10895
#1	1257.2	2769.5	30641.	4728.3	3049.7
#2	1246.6	2771.1	30456.	4728.4	3048.8
#3	1248.3	2749.1	30243.	4725.8	3043.6

Sample Name: S3 Acquired: 3/23/2018 12:23:17 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) 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	.10763	.14903	2.8738	.15638	.32005	6.0614	20.244	1.4795
Stddev	.00075	.00095	.0076	.00071	.00182	.0221	.088	.0141
%RSD	.69296	.64000	.26493	.45394	.56957	.36466	.43234	.95568

#1	.10789	.14926	2.8688	.15662	.31961	6.0424	20.329	1.4937
#2	.10679	.14798	2.8700	.15558	.31849	6.0857	20.250	1.4794
#3	.10821	.14984	2.8826	.15694	.32206	6.0562	20.154	1.4654

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	4.0965	8.4976	1.2740	1.2817	1.1838	2.4686	4.0132	1.4916
Stddev	.0126	.0381	.0015	.0035	.0015	.0147	.0273	.0079
%RSD	.30708	.44799	.11792	.26961	.12314	.59558	.67889	.52927

#1	4.0881	8.5343	1.2730	1.2791	1.1846	2.4834	4.0426	1.4996
#2	4.0904	8.5002	1.2733	1.2804	1.1847	2.4685	4.0080	1.4913
#3	4.1110	8.4583	1.2757	1.2856	1.1821	2.4540	3.9888	1.4838

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	.72555	.29067	.66971	.09543	.98229	2.3324	.09700	1.4380
Stddev	.00288	.00099	.00487	.00055	.01099	.0110	.00115	.0137
%RSD	.39712	.34017	.72759	.57632	1.1188	.47184	1.1883	.95441

#1	.72315	.29145	.67405	.09481	.97004	2.3427	.09776	1.4515
#2	.72474	.29102	.67065	.09564	.98556	2.3338	.09568	1.4384
#3	.72875	.28956	.66444	.09585	.99128	2.3208	.09758	1.4240

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2.1503	.07573	1.3984	.25921	1.0977	4.2795	34.618	
Stddev	.0087	.00074	.0179	.00081	.0037	.0081	.088	
%RSD	.40354	.98123	1.2809	.31234	.33693	.19017	.25511	

#1	2.1479	.07654	1.4157	.25932	1.0942	4.2723	34.606	
#2	2.1431	.07508	1.3995	.25835	1.1016	4.2883	34.711	
#3	2.1600	.07556	1.3800	.25996	1.0972	4.2780	34.536	

Sample Name: S3 Acquired: 3/23/2018 12:23:17 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) 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	1214.5	2653.2	30085.	4767.6	2884.8
Stddev	3.3	6.5	67.	38.1	4.7
%RSD	.27312	.24356	.22144	.79985	.16341
#1	1212.1	2654.9	30029.	4733.1	2886.8
#2	1213.1	2658.6	30067.	4761.3	2888.2
#3	1218.3	2646.0	30159.	4808.5	2879.5

Sample Name: S4 Acquired: 3/23/2018 12:27:08 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) 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	.22454	.29783	5.8588	.32149	.66898	12.492	40.943	2.9332
Stddev	.00169	.00111	.0262	.00191	.00549	.011	.077	.0215
%RSD	.75463	.37201	.44808	.59374	.82123	.08605	.18887	.73303

#1	.22369	.29764	5.8548	.32106	.66803	12.493	40.856	2.9550
#2	.22345	.29902	5.8348	.31983	.66403	12.502	40.970	2.9120
#3	.22650	.29683	5.8868	.32358	.67489	12.481	41.004	2.9326

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	8.2960	16.938	2.5523	2.6152	2.3901	4.8596	7.8703	3.0191
Stddev	.0278	.009	.0072	.0126	.0050	.0037	.0043	.0004
%RSD	.33463	.05558	.28217	.47970	.20703	.07660	.05399	.01169

#1	8.3034	16.930	2.5442	2.6153	2.3844	4.8625	7.8661	3.0195
#2	8.2653	16.948	2.5549	2.6026	2.3937	4.8608	7.8746	3.0190
#3	8.3194	16.936	2.5578	2.6277	2.3921	4.8554	7.8701	3.0188

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	1.4738	.58882	1.3587	.19194	2.1261	4.6979	.20432	2.8611
Stddev	.0055	.00069	.0055	.00099	.0086	.0027	.00083	.0237
%RSD	.37235	.11721	.40512	.51712	.40627	.05796	.40854	.82676

#1	1.4769	.58858	1.3562	.19301	2.1187	4.6951	.20422	2.8815
#2	1.4675	.58829	1.3650	.19175	2.1356	4.6982	.20520	2.8352
#3	1.4770	.58960	1.3548	.19106	2.1240	4.7005	.20354	2.8667

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	4.4326	.15940	2.7774	.53392	2.2153	8.7596	69.950	
Stddev	.0352	.00043	.0189	.00145	.0046	.0198	.123	
%RSD	.79337	.26790	.68109	.27069	.20571	.22627	.17647	

#1	4.4282	.15906	2.7986	.53306	2.2187	8.7465	70.006	
#2	4.3998	.15926	2.7621	.53310	2.2170	8.7824	70.036	
#3	4.4697	.15988	2.7716	.53559	2.2101	8.7498	69.809	

Sample Name: S4 Acquired: 3/23/2018 12:27:08 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) 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	1141.5	2473.6	29173.	4717.9	2664.5
Stddev	.7	18.3	81.	25.9	13.9
%RSD	.05719	.74105	.27608	.54920	.52026
#1	1140.9	2477.6	29250.	4688.5	2665.3
#2	1141.4	2489.5	29090.	4737.6	2677.9
#3	1142.2	2453.5	29179.	4727.6	2650.2

Sample Name: S5 Acquired: 3/23/2018 12:30:57 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) 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	.44165	.54936	11.243	.62302	1.3216	23.798	75.515	5.5243
Stddev	.00232	.00269	.047	.00475	.0062	.098	.893	.0675
%RSD	.52463	.48999	.41519	.76220	.46805	.41055	1.1829	1.2220

#1	.44047	.54658	11.206	.62049	1.3191	23.907	76.466	5.6018
#2	.44017	.54957	11.228	.62008	1.3171	23.768	75.386	5.4933
#3	.44432	.55195	11.296	.62850	1.3287	23.719	74.694	5.4779

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	15.531	31.535	4.5955	4.9300	4.4969	8.9143	14.503	5.7656
Stddev	.071	.035	.0104	.0166	.0136	.0107	.040	.0056
%RSD	.45470	.11111	.22517	.33694	.30168	.12028	.27614	.09717

#1	15.473	31.562	4.5916	4.9156	4.5117	8.9222	14.550	5.7719
#2	15.509	31.548	4.5877	4.9262	4.4938	8.9186	14.478	5.7638
#3	15.609	31.496	4.6072	4.9481	4.4851	8.9021	14.482	5.7612

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	2.7651	1.1013	2.5976	.35898	3.8439	8.9922	.39640	5.1985
Stddev	.0069	.0028	.0036	.00283	.0078	.0548	.00206	.0577
%RSD	.25031	.25033	.13795	.78798	.20259	.60891	.51913	1.1092

#1	2.7599	1.1027	2.5935	.36088	3.8429	9.0482	.39436	5.2651
#2	2.7624	1.0981	2.5996	.36034	3.8522	8.9388	.39636	5.1657
#3	2.7730	1.1030	2.5998	.35573	3.8367	8.9898	.39848	5.1646

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	8.3997	.31216	5.0873	.99318	4.0857	16.928	129.15	
Stddev	.0421	.00215	.0699	.00335	.0198	.027	2.70	
%RSD	.50069	.68716	1.3733	.33726	.48566	.15756	2.0914	

#1	8.3771	.30980	5.1675	.98982	4.1063	16.900	132.27	
#2	8.3738	.31267	5.0549	.99320	4.0842	16.952	127.60	
#3	8.4482	.31400	5.0395	.99652	4.0667	16.933	127.58	

Sample Name: S5 Acquired: 3/23/2018 12:30:57 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) 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	1039.6	2296.3	28378.	4663.8	2486.1
Stddev	8.1	5.6	141.	68.3	3.2
%RSD	.77582	.24214	.49523	1.4643	.12968
#1	1030.3	2295.8	28216.	4587.2	2489.2
#2	1044.5	2302.1	28465.	4686.2	2486.3
#3	1043.9	2291.0	28453.	4718.1	2482.7

Sample Name: S6 Acquired: 3/23/2018 12:35:04 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) 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	66.545	53.763	25.184	10.054	7.6540
Stddev	.009	.261	.121	.040	.0280
%RSD	.01353	.48470	.48224	.39410	.36556

#1	66.544	53.499	25.060	10.014	7.6316
#2	66.537	53.768	25.191	10.056	7.6451
#3	66.555	54.020	25.302	10.093	7.6854

Int. Std.	Y_3710
Units	Cts/S
Avg	4551.3
Stddev	25.3
%RSD	.55594

#1	4559.3
#2	4571.7
#3	4523.0

Sample Name: ICV Acquired: 3/23/2018 12:39:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) 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	.9335604	1.077016	.9285520	.9710405	.9153708	2.289028
Stddev	.0003866	.011388	.0021656	.0083233	.0063890	.007672
%RSD	.0414151	1.057364	.2332250	.8571506	.6979648	.3351786

#1	.9333319	1.075320	.9295811	.9713399	.9122024	2.287846
#2	.9340068	1.066571	.9260638	.9625715	.9111852	2.297223
#3	.9333425	1.089157	.9300112	.9792100	.9227247	2.282015

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4981528	.4947631	.4829894	10.18015	.5233048	.4793458
Stddev	.0028033	.0038909	.0018162	.06581	.0021008	.0012289
%RSD	.5627334	.7864262	.3760268	.6464534	.4014405	.2563655

#1	.4952099	.4975413	.4817217	10.16994	.5251143	.4788027
#2	.4984569	.4903161	.4821764	10.12004	.5210010	.4784821
#3	.5007916	.4964319	.4850700	10.25047	.5237993	.4807527

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5118120	5.235070	.5216503	5.593539	.4916469	.4802934
Stddev	.0048461	.029490	.0018541	.051681	.0017500	.0046173
%RSD	.9468426	.5633087	.3554396	.9239375	.3559419	.9613461

#1	.5063912	5.228915	.5201483	5.553777	.4902719	.4844148
#2	.5133204	5.209144	.5210799	5.574883	.4910520	.4753036
#3	.5157245	5.267152	.5237226	5.651958	.4936168	.4811617

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.445629	.5196272	1.062250	9.637328	F .0116256	F .0052660
Stddev	.049752	.0073532	.013085	.124837	.0010999	.0007120
%RSD	.5267241	1.415098	1.231840	1.295352	9.461321	13.52088

#1	9.498913	.5143672	1.063601	9.630663	.0111580	.0052649
#2	9.437585	.5164849	1.048542	9.515957	.0128821	.0045546
#3	9.400388	.5280295	1.074608	9.765365	.0108367	.0059786

Sample Name: ICV Acquired: 3/23/2018 12:39:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) 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 .0000815	.0060928	-.005845	F -.000797	.0006181	.0013138
Stddev	.0003648	.0020434	.000569	.001602	.0004414	.0006487
%RSD	447.7842	33.53720	9.742105	201.0055	71.40824	49.37498

#1	.0004494	.0083154	-.005837	.001045	.0011277	.0008270
#2	-.000280	.0042957	-.005280	-.001861	.0003712	.0020502
#3	.000075	.0056672	-.006419	-.001576	.0003554	.0010642

Elem	Sr4077
Units	ppm
Avg	.0117037
Stddev	.0000423
%RSD	.3614638

#1	.0116972
#2	.0116651
#3	.0117489

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1317.068	2842.523	31624.57	4930.160	3321.145
Stddev	14.954	5.751	266.92	26.767	11.674
%RSD	1.135436	.2023127	.8440259	.5429305	.3515184

#1	1301.614	2849.005	31350.19	4912.083	3328.516
#2	1331.467	2840.534	31883.35	4960.911	3327.234
#3	1318.123	2838.031	31640.16	4917.487	3307.685

Sample Name: ICB Acquired: 3/23/2018 12:43:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) 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	-.004111	.0019635	-.000475	-.001315	-.000374	-.003611	-.001170
Stddev	.001078	.0006400	.000516	.001937	.000187	.013956	.000747
%RSD	26.22350	32.59631	108.6494	147.3521	49.93123	386.4512	63.88196

#1	-.005330	.0014054	-.001041	-.002397	-.000184	.005042	-.000368
#2	-.003722	.0026621	-.000351	.000922	-.000381	-.019712	-.001847
#3	-.003282	.0018230	-.000032	-.002469	-.000557	.003835	-.001295

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001234	.0000192	.0186509	-.000165	.0000224	.0026666	.0011918
Stddev	.0000562	.0000253	.0138776	.000320	.0003571	.0009565	.0005358
%RSD	45.49296	131.8358	74.40734	193.6584	1592.428	35.86883	44.95587

#1	.0001881	.0000071	.0311966	-.000152	-.000129	.0016170	.0011078
#2	.0000959	.0000022	.0210119	.000148	-.000234	.0028939	.0007030
#3	.0000864	.0000483	.0037442	-.000492	.000430	.0034890	.0017647

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001644	.0160612	.0001902	-.000196	-.022158	-.001600	.0072246
Stddev	.0007090	.0367886	.0002992	.000570	.100623	.004303	.0012493
%RSD	431.3687	229.0523	157.2696	290.7344	454.1082	268.9442	17.29180

#1	-.000528	-.015643	.0004280	.000016	-.092151	-.005572	.0077987
#2	.000131	.056399	.0002884	-.000841	-.067480	.002971	.0057915
#3	.000889	.007428	-.000146	.000237	.093155	-.002199	.0080837

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064275	-.003079	.0022491	.0000890	.0014331	-.008360	-.000472
Stddev	.0271425	.001414	.0006785	.0000614	.0008444	.000811	.000771
%RSD	422.2858	45.92066	30.16810	68.99453	58.92471	9.703743	163.3133

#1	-.016161	-.003958	.0020406	.0000220	.0011373	-.008238	-.000228
#2	.036537	-.003831	.0016993	.0001024	.0023856	-.007616	.000148
#3	-.001094	-.001448	.0030074	.0001426	.0007763	-.009225	-.001336

Sample Name: ICB Acquired: 3/23/2018 12:43:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) 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	.0004317	.0005673	.0000102
Stddev	.0009030	.0007704	.0000724
%RSD	209.1824	135.7995	707.5461

#1	.0012502	.0014539	-.000014
#2	-.000537	.0001870	.000092
#3	.000582	.0000610	-.000047

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1324.750	2861.899	31922.56	4926.243	3387.775
Stddev	4.146	5.368	168.29	14.811	6.763
%RSD	.3129634	.1875568	.5271907	.3006588	.1996173

#1	1327.810	2860.359	31980.47	4917.068	3381.111
#2	1326.408	2867.868	32054.26	4943.330	3394.632
#3	1320.031	2857.470	31732.96	4918.331	3387.583

Sample Name: IC5A Acquired: 3/23/2018 12:47:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: IC5A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000901	-.002067	-.003565	-.003372	.0041492	231.8141	.0042029
Stddev	.006849	.002194	.001103	.007629	.0031339	1.3540	.0003428
%RSD	760.3162	106.1509	30.92875	226.2351	75.52912	.5841007	8.156017

#1	-.008682	-.000196	-.003752	-.003902	.0077655	232.1944	.0044648
#2	.001769	-.004482	-.004562	.004508	.0024552	230.3106	.0038149
#3	.004211	-.001523	-.002381	-.010722	.0022270	232.9373	.0043290

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011925	-.000363	240.4216	.0552801	-.000263	-.001392	97.47350
Stddev	.0001192	.000105	2.0941	.0010179	.000234	.001902	.88515
%RSD	9.996360	28.87553	.8709997	1.841290	88.88781	136.6641	.9080878

#1	.0012779	-.000355	241.9250	.0563297	-.000512	-.003527	97.88909
#2	.0010563	-.000471	238.0298	.0542972	-.000048	-.000769	96.45704
#3	.0012433	-.000262	241.3100	.0552135	-.000229	.000120	98.07438

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0128593	238.3228	.0058346	.0015920	.0991029	-.003521	-.007733
Stddev	.0003801	2.1715	.0002901	.0001478	.1607709	.003674	.005767
%RSD	2.955630	.9111549	4.972329	9.283156	162.2262	104.3165	74.58074

#1	.0126110	239.1292	.0061598	.0017561	.2522875	.000720	-.006353
#2	.0126701	235.8635	.0056022	.0015504	.1133298	-.005656	-.014065
#3	.0132969	239.9758	.0057418	.0014695	-.068309	-.005628	-.002781

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.557475	-.004936	-.005042	.0018907	.0079788	-.009973	-.001205
Stddev	.050300	.002654	.002491	.0001691	.0034507	.000361	.001675
%RSD	9.022900	53.77242	49.41937	8.944498	43.24773	3.620612	139.0727

#1	-.506592	-.002513	-.004594	.0016955	.0078402	-.009810	-.002690
#2	-.558661	-.007772	-.007726	.0019937	.0045996	-.009723	-.001535
#3	-.607171	-.004522	-.002804	.0019830	.0114967	-.010387	.000611

Sample Name: ICSA Acquired: 3/23/2018 12:47:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0012181	.0020365	.0997525
Stddev	.0005870	.0002521	.0003214
%RSD	48.18491	12.37987	.3222000

#1	.0018820	.0018620	.0997813
#2	.0010043	.0019219	.0994177
#3	.0007681	.0023256	.1000585

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1248.783	2637.795	30189.22	4838.909	2833.493
Stddev	.996	2.524	77.12	19.687	.402
%RSD	.0797394	.0956835	.2554595	.4068568	.0141802

#1	1249.931	2638.274	30225.78	4831.154	2833.324
#2	1248.267	2640.045	30241.27	4861.294	2833.952
#3	1248.151	2635.066	30100.62	4824.281	2833.203

Sample Name: ICSAB Acquired: 3/23/2018 12:51:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0947299	.1016557	.0419209	.0452862	.5658724	226.8066	.5018033
Stddev	.0023049	.0027362	.0017981	.0031523	.0059982	3.0336	.0060550
%RSD	2.433137	2.691638	4.289340	6.960844	1.059999	1.337546	1.206644

#1	.0920685	.1041746	.0422465	.0483912	.5599196	229.0905	.5052722
#2	.0960461	.1020480	.0399822	.0453787	.5657826	227.9649	.5053260
#3	.0960752	.0987446	.0435340	.0420887	.5719151	223.3645	.4948116

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4879250	.9801668	234.0220	.5652320	.4861450	.4940878	94.86203
Stddev	.0027096	.0056946	2.4813	.0020730	.0022436	.0036836	.88087
%RSD	.5553398	.5809851	1.060280	.3667476	.4615187	.7455373	.9285844

#1	.4909908	.9742020	235.3044	.5629241	.4836303	.4977633	95.38941
#2	.4869334	.9807525	235.5997	.5658360	.4868627	.4941039	95.35155
#3	.4858509	.9855460	231.1619	.5669359	.4879420	.4903961	93.84512

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5114258	231.9925	.9840932	.1938085	.0393870	.5093265	1.050046
Stddev	.0052286	2.7630	.0053286	.0008919	.1634413	.0106102	.016215
%RSD	1.022361	1.190995	.5414713	.4601882	414.9621	2.083186	1.544181

#1	.5133485	233.5991	.9784024	.1948383	.0288134	.5143398	1.035126
#2	.5154208	233.5764	.9849125	.1932856	-.118511	.5165011	1.067302
#3	.5055081	228.8021	.9889647	.1933016	.207858	.4971386	1.047710

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.02803	.0068293	-.006759	.0019397	.0035986	-.010775	-.001918
Stddev	.09161	.0036743	.002620	.0004311	.0040637	.001685	.000185
%RSD	8.910831	53.80290	38.76391	22.22767	112.9244	15.63997	9.660532

#1	-1.01114	.0107666	-.007684	.0018875	.0072827	-.011546	-.002017
#2	-1.12691	.0034917	-.003802	.0015370	-.000760	-.008843	-.002033
#3	-.94605	.0062295	-.008790	.0023945	.004273	-.011938	-.001704

Sample Name: ICSAB Acquired: 3/23/2018 12:51:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001121	.0043822	.0977554
Stddev	.001622	.0020545	.0012392
%RSD	144.6833	46.88187	1.267615

#1	-.000075	.0024091	.0985127
#2	-.000298	.0042283	.0984281
#3	-.002990	.0065093	.0963254

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1256.822	2641.921	30334.32	4870.571	2858.201
Stddev	7.473	21.333	180.37	27.494	15.230
%RSD	.5945914	.8074755	.5946201	.5644958	.5328652

#1	1258.342	2660.426	30398.28	4852.541	2873.433
#2	1248.705	2646.749	30130.68	4856.957	2858.198
#3	1263.417	2618.588	30474.00	4902.216	2842.972

Sample Name: CCV062 Acquired: 3/23/2018 12:55:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV062 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.743094	4.727100	23.75783	4.795661	4.823666	388.3054	9.780704
Stddev	.011596	.008013	.04057	.004455	.010955	.3822	.014626
%RSD	.2444810	.1695152	.1707584	.0928896	.2271192	.0984184	.1495405

#1	4.754231	4.736344	23.74643	4.798960	4.826634	387.9474	9.764337
#2	4.743964	4.722136	23.72419	4.790594	4.811533	388.2611	9.792495
#3	4.731088	4.722818	23.80288	4.797428	4.832833	388.7078	9.785280

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4735537	2.390903	377.2793	14.62991	2.396050	14.65869	383.6551
Stddev	.0019890	.001432	.7954	.04656	.003297	.02599	.8562
%RSD	.4200135	.0598827	.2108343	.3182593	.1376084	.1773148	.2231659

#1	.4727094	2.392038	376.6125	14.68139	2.393255	14.64453	382.7664
#2	.4758255	2.389295	378.1597	14.59074	2.395210	14.64286	384.4746
#3	.4721261	2.391377	377.0656	14.61760	2.399687	14.68869	383.7243

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.12184	376.5998	2.405738	1.191707	387.2034	2.440438	13.76997
Stddev	.03319	.8644	.005574	.002151	1.2743	.005069	.16582
%RSD	.2350092	.2295153	.2316889	.1805010	.3291073	.2077038	1.204202

#1	14.08354	375.6641	2.399506	1.191522	385.9931	2.445128	13.66084
#2	14.13980	377.3684	2.407461	1.189655	388.5333	2.435060	13.68829
#3	14.14218	376.7670	2.410246	1.193945	387.0836	2.441127	13.96079

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	143.2572	4.780366	4.610373	4.770435	4.943735	4.627619	4.782983
Stddev	.2370	.017209	.014089	.002066	.038998	.031090	.004563
%RSD	.1654059	.3599981	.3055967	.0432996	.7888417	.6718435	.0954052

#1	142.9949	4.760970	4.611858	4.772780	4.931417	4.621216	4.778141
#2	143.3207	4.786321	4.623660	4.769642	4.987405	4.661412	4.783606
#3	143.4558	4.793807	4.595600	4.768885	4.912383	4.600229	4.787203

Sample Name: CCV062 Acquired: 3/23/2018 12:55:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV062 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.820483	4.963914	4.928011
Stddev	.011344	.004640	.003920
%RSD	.2353276	.0934848	.0795499

#1	4.815554	4.961662	4.923700
#2	4.812438	4.960828	4.928970
#3	4.833458	4.969250	4.931362

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1125.143	2377.592	28882.99	4711.673	2522.814
Stddev	7.631	4.174	94.28	20.837	4.756
%RSD	.6781927	.1755538	.3264136	.4422315	.1885077

#1	1132.085	2382.145	28958.88	4716.467	2527.667
#2	1126.371	2376.684	28912.65	4688.858	2522.612
#3	1116.973	2373.947	28777.45	4729.696	2518.162

Sample Name: CCB062 Acquired: 3/23/2018 12:59:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB062 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004226	.0003780	.0004059	-.002039	-.000543	.0039844	-.001355
Stddev	.002945	.0027846	.0005413	.002268	.000528	.0072947	.000292
%RSD	69.68181	736.6331	133.3505	111.2238	97.25664	183.0837	21.58101

#1	-.007608	-.001912	-.000202	-.004041	-.001082	.0123632	-.001136
#2	-.002227	.003478	.000585	-.002501	-.000522	-.000953	-.001687
#3	-.002843	-.000432	.000835	.000424	-.000026	.000543	-.001241

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001568	.0000921	.0087095	.0003884	.0000378	.0063495	-.001957
Stddev	.0000683	.0000675	.0165154	.0001221	.0000852	.0011485	.002102
%RSD	43.55677	73.34081	189.6259	31.42251	225.6681	18.08829	107.4262

#1	.0000781	.0001271	.0021182	.0003103	.0001355	.0066144	-.001887
#2	.0001912	.0001350	-.003492	.0003259	-.000001	.0073424	.000110
#3	.0002011	.0000142	.027503	.0005291	-.000021	.0050916	-.004093

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000215	.0037031	.0000037	-.000050	-.260796	-.001153	.0049416
Stddev	.000267	.0246468	.0003779	.000150	.210946	.003191	.0014076
%RSD	124.2996	665.5729	10308.87	298.9554	80.88530	276.6258	28.48387

#1	-.000258	-.017004	.0002122	-.000162	-.231728	-.004812	.0035716
#2	-.000458	-.002851	-.000433	-.000108	-.065892	.001053	.0048694
#3	.000071	.030964	.000231	.000120	-.484769	.000298	.0063839

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.054089	-.003041	.0047743	.0000408	-.000861	-.010842	.0000298
Stddev	.109387	.001786	.0006134	.0001559	.004167	.000353	.0006261
%RSD	202.2356	58.72233	12.84891	382.5237	483.8977	3.260373	2103.244

#1	-.180393	-.001038	.0054612	.0002158	-.000782	-.011249	-.000693
#2	.008049	-.003620	.0042812	-.000010	.003266	-.010670	.000391
#3	.010077	-.004465	.0045805	-.000083	-.005068	-.010608	.000392

Sample Name: CCB062 Acquired: 3/23/2018 12:59:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB062 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0016926	.0000576	.0000261
Stddev	.0018354	.0005484	.0000714
%RSD	108.4376	952.5528	273.6529

#1	.0014334	.0006843	.0000486
#2	.0000006	-.000334	.0000834
#3	.0036438	-.000178	-.000054

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1339.671	2809.825	32160.17	4982.255	3365.975
Stddev	7.871	9.968	193.14	33.761	15.006
%RSD	.5874972	.3547614	.6005508	.6776342	.4458083

#1	1331.528	2810.898	31943.09	5013.578	3371.004
#2	1347.238	2819.212	32224.44	4986.692	3377.821
#3	1340.247	2799.363	32312.97	4946.494	3349.101

Sample Name: PB107602BL Acquired: 3/23/2018 13:03:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) 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	-.002678	.0005027	.0002619	-.001247	-.000508	-.001053	-.001537
Stddev	.000959	.0028352	.0010885	.002600	.000475	.009553	.000346
%RSD	35.80822	564.0031	415.5998	208.4483	93.36473	907.1226	22.50161

#1	-.002126	.0012280	.0013758	-.000372	.000007	-.011823	-.001374
#2	-.002123	-.002625	.0002091	.000802	-.000928	.006401	-.001302
#3	-.003786	.002905	-.000799	-.004173	-.000604	.002262	-.001934

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001245	.0000737	.0108825	.0001521	.0001293	.0035451	.0014516
Stddev	.0000798	.0000107	.0146234	.0002111	.0001590	.0026400	.0045558
%RSD	64.04062	14.46134	134.3758	138.7642	122.9635	74.46789	313.8420

#1	.0002103	.0000615	.0251999	.0001840	.0000453	.0005215	.0062626
#2	.0000526	.0000780	.0114762	-.000073	.0003126	.0047214	.0008889
#3	.0001108	.0000815	-.004029	.000345	.0000299	.0053925	-.002797

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000026	-.001179	.0003768	.0002989	-.117347	.0000287	.0047646
Stddev	.000147	.021289	.0004745	.0002146	.163892	.0013138	.0038470
%RSD	565.1311	1806.342	125.9319	71.79548	139.6638	4573.798	80.74205

#1	.000012	-.008224	-.000108	.0004510	-.197824	.0002730	.0010226
#2	.000098	.022740	.000840	.0003924	.071225	-.001390	.0045626
#3	-.000189	-.018052	.000398	.0000534	-.225444	.001203	.0087086

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.074873	-.004403	.0010785	-.000006	-.000751	-.010676	-.000574
Stddev	.084137	.002254	.0009163	.000075	.001835	.000592	.000595
%RSD	112.3725	51.19031	84.95773	1240.425	244.4573	5.546316	103.7939

#1	-.060335	-.006773	.0005010	.000069	-.000094	-.011359	-.000739
#2	-.165331	-.004148	.0005996	-.000005	-.002824	-.010320	-.001069
#3	.001047	-.002287	.0021350	-.000082	.000666	-.010348	.000087

Sample Name: PB107602BL Acquired: 3/23/2018 13:03:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) 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	.0009455	-.000295	.0000018
Stddev	.0009748	.001209	.0000528
%RSD	103.0971	410.0367	2998.468

#1	.0018132	.000313	.0000627
#2	.0011324	.000489	-.000028
#3	-.000109	-.001687	-.000030

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1354.165	2819.228	32680.65	4946.734	3384.166
Stddev	22.467	10.649	258.35	37.391	13.102
%RSD	1.659075	.3777452	.7905234	.7558721	.3871540

#1	1344.558	2828.839	32582.11	4904.462	3394.868
#2	1379.838	2821.065	32973.76	4975.482	3388.076
#3	1338.100	2807.779	32486.07	4960.257	3369.554

Sample Name: PB107602BS Acquired: 3/23/2018 13:07:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) 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	.0164646	.0516358	.0182998	.0677725	.1141998	.4060378
Stddev	.0026202	.0031724	.0003947	.0041472	.0030567	.0102602
%RSD	15.91395	6.143850	2.156601	6.119350	2.676618	2.526909

#1	.0135338	.0506498	.0181203	.0644247	.1148915	.3942425
#2	.0172796	.0551842	.0180269	.0724118	.1168514	.4109736
#3	.0185803	.0490735	.0187523	.0664810	.1108566	.4128972

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3939356	.0103691	.0098671	10.08090	.0218159	.0930767
Stddev	.0004507	.0000742	.0001584	.00551	.0004543	.0016632
%RSD	.1144078	.7157211	1.605631	.0546715	2.082551	1.786869

#1	.3939207	.0103276	.0098738	10.07527	.0221063	.0933786
#2	.3943936	.0104548	.0100221	10.08628	.0220491	.0945682
#3	.3934926	.0103249	.0097054	10.08116	.0212924	.0912832

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0544675	.2103343	.0303794	9.355856	.0786222	.0195828
Stddev	.0012831	.0088041	.0004401	.034812	.0007569	.0004864
%RSD	2.355657	4.185772	1.448745	.3720926	.9626528	2.483708

#1	.0554081	.2040615	.0307888	9.338401	.0790263	.0194849
#2	.0530058	.2065425	.0304355	9.395943	.0790913	.0191529
#3	.0549884	.2203990	.0299139	9.333225	.0777491	.0201108

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.226363	.1017731	.1329057	9.802299	.0224776	F .0190275
Stddev	.191768	.0026795	.0104145	.118492	.0022166	.0009747
%RSD	2.078482	2.632809	7.835999	1.208815	9.861486	5.122441

#1	9.304816	.1006161	.1208867	9.885285	.0216256	.0191524
#2	9.007808	.1048367	.1385701	9.666598	.0249938	.0199336
#3	9.366466	.0998666	.1392602	9.855015	.0208134	.0179963

Sample Name: PB107602BS Acquired: 3/23/2018 13:07:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) 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	.0203610	.1728602	.1703991	F .0116549	.2014634	.0937594
Stddev	.0003114	.0043881	.0010852	.0005102	.0027572	.0004981
%RSD	1.529371	2.538501	.6368735	4.377875	1.368564	.5312980

#1	.0200949	.1762089	.1711382	.0114782	.2040888	.0939141
#2	.0207035	.1744789	.1709059	.0122300	.2017102	.0941618
#3	.0202845	.1678927	.1691532	.0112564	.1985911	.0932022

Elem	Sr4077
Units	ppm
Avg	.2035211
Stddev	.0001030
%RSD	.0505882

#1	.2036315
#2	.2035039
#3	.2034278

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1329.532	2784.055	32132.32	4962.542	3321.148
Stddev	11.230	55.927	134.60	18.687	57.542
%RSD	.8446949	2.008823	.4189075	.3765685	1.732590

#1	1342.433	2779.181	32280.45	4952.153	3311.200
#2	1321.935	2730.725	32017.50	4951.358	3269.228
#3	1324.229	2842.260	32099.00	4984.116	3383.015

Sample Name: J1957-01 Acquired: 3/23/2018 13:11:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1014 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003222	.0022184	.0008768	-.001013	-.002222	.0329423	.0250182
Stddev	.003544	.0018466	.0014097	.000971	.001739	.0061445	.0007111
%RSD	109.9952	83.23864	160.7800	95.82695	78.23471	18.65221	2.842319

#1	-.000754	.0042246	-.000267	-.001257	-.004020	.0352287	.0247002
#2	-.007283	.0005897	.002452	-.001839	-.002098	.0259824	.0258328
#3	-.001629	.0018410	.000446	.000056	-.000549	.0376157	.0245216

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002180	.0000118	16.87661	.0004282	-.000156	.0029215	.0300478
Stddev	.0000395	.0000536	.04621	.0004730	.000284	.0015469	.0122661
%RSD	18.10237	453.3575	.2737842	110.4645	181.8948	52.94778	40.82209

#1	.0002634	-.000019	16.91564	-.000038	-.000379	.0044258	.0224322
#2	.0001984	-.000019	16.88859	.000908	.000164	.0013353	.0235134
#3	.0001922	.000074	16.82559	.000415	-.000253	.0030036	.0441978

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0204704	1.083307	.0011450	.0003528	16.40294	.0034321	.0087568
Stddev	.0000888	.023777	.0001952	.0002157	.17986	.0012040	.0035804
%RSD	.4338005	2.194836	17.04770	61.14192	1.096502	35.08209	40.88740

#1	.0203985	1.097945	.0013689	.0005636	16.25040	.0021412	.0058537
#2	.0205696	1.055873	.0010105	.0001325	16.35715	.0045246	.0127575
#3	.0204430	1.096104	.0010556	.0003622	16.60127	.0036304	.0076592

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7823306	.0002678	.1928990	.0031074	2.512192	.5838993	-.000880
Stddev	.0421181	.0027429	.0006609	.0003195	.021271	.0012392	.000686
%RSD	5.383667	1024.245	.3426365	10.28307	.8467142	.2122249	77.96395

#1	.8308284	.0031063	.1930634	.0033323	2.512431	.5828884	-.001003
#2	.7549344	.0000654	.1934623	.0027417	2.490803	.5852818	-.001496
#3	.7612290	-.002368	.1921714	.0032483	2.533343	.5835277	-.000141

Sample Name: J1957-01 Acquired: 3/23/2018 13:11:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC1014 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008699	-.000582	.0777512
Stddev	.0005953	.000711	.0003454
%RSD	68.42551	122.2431	.4442072

#1	.0002045	-.001254	.0781397
#2	.0013519	.000163	.0774791
#3	.0010535	-.000654	.0776348

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1425.189	2936.178	33894.42	5190.903	3512.460
Stddev	6.939	18.765	157.95	10.894	22.248
%RSD	.4868529	.6391101	.4660201	.2098597	.6334000

#1	1428.990	2952.312	33969.91	5196.556	3524.642
#2	1417.180	2940.639	33712.89	5178.345	3525.956
#3	1429.396	2915.585	34000.47	5197.808	3486.782

Sample Name: J1957-02 Acquired: 3/23/2018 13:15:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1026 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002259	.0004477	.0010450	-.000654	-.000740	.1245292	.0496514
Stddev	.001956	.0017164	.0017267	.000898	.000807	.0046535	.0002957
%RSD	86.61047	383.4075	165.2290	137.2973	109.0476	3.736868	.5955147

#1	-.000322	-.000359	.0027065	-.001607	-.000138	.1200651	.0497217
#2	-.002220	-.000717	.0011690	.000177	-.001657	.1241711	.0493269
#3	-.004234	.002419	-.000740	-.000532	-.000425	.1293514	.0499056

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001964	.0000546	40.52004	.0008705	-.000406	.0019547	.2333773
Stddev	.0000917	.0000380	.12099	.0003374	.000195	.0014489	.0032439
%RSD	46.71183	69.66256	.2985863	38.76066	48.10416	74.12132	1.389968

#1	.0001094	.0000361	40.65967	.0006236	-.000213	.0006979	.2351913
#2	.0001875	.0000293	40.45432	.0007328	-.000401	.0035395	.2296322
#3	.0002923	.0000983	40.44615	.0012549	-.000603	.0016268	.2353085

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0202708	4.299512	.0007725	.0004138	8.202942	-.000654	.0152346
Stddev	.0007173	.067027	.0001079	.0001833	.187060	.002641	.0051067
%RSD	3.538485	1.558951	13.96292	44.29980	2.280398	403.9917	33.52039

#1	.0200410	4.270585	.0006532	.0003142	8.336640	-.002168	.0170462
#2	.0210748	4.376146	.0008633	.0003018	8.283012	.002396	.0094691
#3	.0196966	4.251806	.0008008	.0006253	7.989175	-.002190	.0191885

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.110640	.0001888	.0730252	.0005186	2.965371	.9300207	-.003056
Stddev	.114402	.0023866	.0005709	.0001353	.016079	.0068624	.000736
%RSD	3.677763	1264.058	.7818259	26.08414	.5422150	.7378762	24.10123

#1	3.145183	.0016598	.0731676	.0004823	2.962753	.9333473	-.002388
#2	3.203791	.0014715	.0723965	.0006683	2.950762	.9221289	-.002934
#3	2.982948	-.002565	.0735114	.0004052	2.982598	.9345857	-.003846

Sample Name: J1957-02 Acquired: 3/23/2018 13:15:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1026 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011707	.0003036	.1390857
Stddev	.0013353	.0007253	.0007232
%RSD	114.0603	238.8869	.5199921

#1	-.000158	-.000457	.1391021
#2	.001158	.000988	.1398006
#3	.002512	.000379	.1383544

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1407.039	2838.924	33678.35	5142.774	3417.718
Stddev	14.497	6.511	205.29	38.057	1.975
%RSD	1.030305	.2293433	.6095470	.7400186	.0577952

#1	1406.416	2846.442	33822.14	5178.344	3415.465
#2	1421.838	2835.174	33769.65	5102.641	3418.537
#3	1392.864	2835.155	33443.25	5147.337	3419.152

Sample Name: J1957-03 Acquired: 3/23/2018 13:20:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1027 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003708	.0000774	.0011849	.0016162	-.001035	.0223948	.0380464
Stddev	.001549	.0006645	.0011798	.0025188	.000961	.0046836	.0000219
%RSD	41.76702	858.0950	99.56891	155.8447	92.77218	20.91400	.0575511

#1	-.002237	-.000688	.0023588	.0045207	-.000419	.0193114	.0380427
#2	-.005325	.000416	-.000001	.0000328	-.000545	.0277843	.0380266
#3	-.003564	.000504	.001196	.0002951	-.002142	.0200886	.0380700

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001968	.0000765	30.64221	.0003477	.0006532	.0031049	.6552244
Stddev	.0000311	.0000130	.27125	.0003555	.0001039	.0032221	.0089109
%RSD	15.82402	17.01313	.8852126	102.2452	15.90577	103.7755	1.359982

#1	.0001631	.0000912	30.86425	-.000008	.0006003	.0049617	.6459785
#2	.0002245	.0000717	30.33988	.000703	.0005864	.0049688	.6637576
#3	.0002028	.0000665	30.72250	.000349	.0007729	-.000616	.6559372

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1214517	3.783094	.0035469	.0001136	10.36976	.0006928	.0132176
Stddev	.0007725	.030691	.0002497	.0002041	.10369	.0014245	.0045132
%RSD	.6360615	.8112747	7.040380	179.5799	.9999675	205.6155	34.14558

#1	.1222155	3.815173	.0032828	.0002984	10.35765	-.000529	.0183656
#2	.1206707	3.754011	.0037792	.0001479	10.27265	.002257	.0113461
#3	.1214688	3.780097	.0035786	-.000105	10.47898	.000350	.0099413

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5918668	-.001259	.0944908	.0015446	3.566547	.7443261	-.002608
Stddev	.0224205	.001597	.0013134	.0000715	.018266	.0083388	.001180
%RSD	3.788093	126.8900	1.389954	4.626379	.5121348	1.120315	45.24716

#1	.6177299	-.003093	.0953442	.0015163	3.549782	.7450218	-.003905
#2	.5799357	-.000170	.0929784	.0014916	3.563847	.7356612	-.001600
#3	.5779347	-.000514	.0951498	.0016259	3.586013	.7522952	-.002317

Sample Name: J1957-03 Acquired: 3/23/2018 13:20:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC1027 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002665	-.001585	.0962513
Stddev	.0002630	.001101	.0006829
%RSD	98.69725	69.45207	.7095474

#1	.0005326	-.002568	.0958721
#2	.0000068	-.001791	.0958422
#3	.0002599	-.000396	.0970397

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1397.488	2897.894	33693.91	5181.529	3479.000
Stddev	15.789	14.882	261.90	25.450	12.804
%RSD	1.129841	.5135294	.7773018	.4911721	.3680432

#1	1393.832	2911.958	33605.27	5198.333	3491.061
#2	1383.848	2899.412	33487.84	5194.007	3480.374
#3	1414.785	2882.312	33988.64	5152.248	3465.564

Sample Name: J1957-04 Acquired: 3/23/2018 13:24:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1029 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006138	.0025693	.0006002	.0000421	-.002832	.2050430	.0036420
Stddev	.000561	.0025784	.0004411	.0006020	.000501	.0100831	.0002017
%RSD	9.134981	100.3530	73.48799	1431.052	17.70131	4.917532	5.538498

#1	-.005728	.0028611	.0006720	.0002378	-.002255	.2151936	.0037521
#2	-.005910	-.000143	.0001276	.0005218	-.003084	.2049067	.0034092
#3	-.006777	.004989	.0010009	-.000633	-.003157	.1950288	.0037646

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002194	.0000925	6.401914	.0002224	.0006964	.0043726	.4224266
Stddev	.0000345	.0000290	.062402	.0007742	.0001609	.0002144	.0054079
%RSD	15.71489	31.34673	.9747327	348.1245	23.10115	4.902462	1.280200

#1	.0002350	.0000590	6.364453	.0009649	.0005228	.0044554	.4201671
#2	.0002434	.0001102	6.473950	.0002821	.0007260	.0045332	.4185149
#3	.0001799	.0001081	6.367339	-.000580	.0008404	.0041292	.4285978

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0194283	2.088486	.0017198	.0000573	2.412291	-.002262	.0078726
Stddev	.0003823	.030083	.0001760	.0002203	.141849	.003680	.0053934
%RSD	1.967884	1.440435	10.23155	384.1928	5.880256	162.7206	68.50932

#1	.0193263	2.069664	.0018106	-.000041	2.313640	-.005455	.0029763
#2	.0191072	2.072612	.0015170	-.000097	2.348381	.001763	.0136537
#3	.0198512	2.123182	.0018318	.000310	2.574851	-.003094	.0069876

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.94499	.0009269	.0050360	.0006948	1.559597	1.798881	-.001391
Stddev	.09330	.0009653	.0003264	.0001727	.004551	.012761	.000527
%RSD	3.167965	104.1418	6.480732	24.86287	.2917859	.7094020	37.87104

#1	-3.03594	.0005597	.0047434	.0005176	1.555099	1.784350	-.000811
#2	-2.84951	.0001991	.0053880	.0007041	1.559496	1.808267	-.001522
#3	-2.94953	.0020220	.0049767	.0008627	1.564198	1.804025	-.001840

Sample Name: J1957-04 Acquired: 3/23/2018 13:24:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1029 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0081877	-.001774	.0195726
Stddev	.0005732	.000458	.0000996
%RSD	7.001436	25.81472	.5087180

#1	.0088065	-.001704	.0195055
#2	.0080816	-.002263	.0196870
#3	.0076749	-.001355	.0195252

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1416.284	2912.088	34186.14	5258.041	3539.191
Stddev	15.180	8.369	213.02	36.838	7.860
%RSD	1.071837	.2873866	.6231268	.7005991	.2220776

#1	1430.515	2902.640	34410.29	5294.962	3530.455
#2	1418.031	2918.570	34161.79	5221.288	3545.689
#3	1400.306	2915.054	33986.33	5257.873	3541.429

Sample Name: J1957-05 Acquired: 3/23/2018 13:28:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1015 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000763	-.000783	.0015251	.0029203	-.001039	.0379817	.0196289
Stddev	.002863	.001691	.0010768	.0002964	.001858	.0094352	.0005539
%RSD	375.0498	216.0831	70.60419	10.15052	178.7761	24.84151	2.822087

#1	.002277	-.000907	.0025257	.0030067	-.002471	.0403264	.0199029
#2	-.001159	-.002408	.0003856	.0031640	.001060	.0275952	.0199924
#3	-.003408	.000967	.0016642	.0025903	-.001708	.0460235	.0189913

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002206	.0000504	7.492110	.0001874	.0000321	.0027591	.0379543
Stddev	.0000450	.0000234	.044125	.0001682	.0004433	.0007260	.0126598
%RSD	20.38395	46.48425	.5889531	89.75757	1381.220	26.31331	33.35525

#1	.0001754	.0000590	7.512025	.0000032	-.000221	.0021126	.0441637
#2	.0002211	.0000684	7.522768	.0003327	.000544	.0035445	.0233887
#3	.0002653	.0000239	7.441538	.0002262	-.000226	.0026201	.0463105

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0242653	.6598496	.0009446	.0001508	51.99987	.0024693	.0147549
Stddev	.0001370	.0058977	.0003516	.0002729	.35615	.0026446	.0009723
%RSD	.5647343	.8938004	37.22314	181.0148	.6848997	107.0994	6.589745

#1	.0242761	.6540746	.0006293	.0004455	51.82422	.0054394	.0145381
#2	.0241232	.6596113	.0013238	.0001003	52.40972	.0003696	.0139093
#3	.0243966	.6658628	.0008808	-.000093	51.76566	.0015989	.0158173

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.426039	-.002000	.2612648	.0013026	10.76660	1.734655	-.000247
Stddev	.056875	.002649	.0025631	.0001688	.09476	.020458	.000812
%RSD	3.988342	132.4327	.9810410	12.95483	.8800963	1.179393	329.4739

#1	1.395271	-.000668	.2640608	.0012484	10.82987	1.756796	-.000210
#2	1.491671	-.000282	.2607069	.0014918	10.81228	1.730717	-.001077
#3	1.391176	-.005051	.2590265	.0011676	10.65766	1.716452	.000547

Sample Name: J1957-05 Acquired: 3/23/2018 13:28:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC1015 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011390	-.002501	.0417339
Stddev	.0002885	.000406	.0001283
%RSD	25.32691	16.22332	.3074106

#1	.0014446	-.002609	.0416545
#2	.0011009	-.002842	.0418819
#3	.0008714	-.002053	.0416653

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1409.567	2915.235	33683.67	5210.464	3462.745
Stddev	4.197	23.534	69.30	28.224	24.773
%RSD	.2977335	.8072825	.2057442	.5416813	.7154019

#1	1413.617	2904.751	33730.58	5195.785	3450.944
#2	1409.848	2898.764	33716.36	5192.604	3446.080
#3	1405.238	2942.189	33604.07	5243.003	3491.212

Sample Name: J1957-06 Acquired: 3/23/2018 13:32:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1015D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001192	.0002180	-.000234	.0051202	-.002543	.0251456	.0192102
Stddev	.003520	.0012230	.000911	.0028236	.000523	.0068068	.0006956
%RSD	295.3629	561.0390	389.9078	55.14603	20.56322	27.06949	3.621133

#1	-.001579	.0012475	.000119	.0044113	-.003040	.0179176	.0192569
#2	-.004502	-.001134	.000448	.0027186	-.001997	.0260858	.0184923
#3	.002506	.000540	-.001268	.0082306	-.002591	.0314334	.0198812

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002050	-.000002	7.525062	.0003040	.0000467	.0035030	.0225119
Stddev	.0000103	.000062	.049918	.0002928	.0003382	.0023959	.0063761
%RSD	5.005470	2750.119	.6633521	96.32741	723.8839	68.39452	28.32315

#1	.0001943	.000033	7.527404	.0005608	-.000306	.0009802	.0233302
#2	.0002058	-.000074	7.474015	-.000015	.000078	.0057476	.0157662
#3	.0002148	.000034	7.573768	.000366	.000368	.0037812	.0284394

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0244732	.6202161	.0006561	.0000220	52.37986	-.000515	.0106612
Stddev	.0003750	.0223013	.0001799	.0000964	.16640	.003942	.0011196
%RSD	1.532167	3.595726	27.41835	437.1866	.3176864	764.9139	10.50208

#1	.0243422	.6044272	.0007067	-.000088	52.31582	.001037	.0119520
#2	.0241813	.6457281	.0008052	.000065	52.25500	-.004998	.0100791
#3	.0248961	.6104929	.0004563	.000089	52.56877	.002415	.0099525

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.332595	-.000338	.2616014	.0015156	11.06255	1.735213	-.001028
Stddev	.073486	.002087	.0023710	.0002604	.05928	.020701	.001380
%RSD	5.514526	616.5985	.9063404	17.18242	.5358242	1.193001	134.2268

#1	1.411122	.001501	.2592709	.0013537	11.02390	1.725797	-.000098
#2	1.265486	-.002606	.2640109	.0013772	11.03294	1.758948	-.000372
#3	1.321178	.000090	.2615223	.0018161	11.13079	1.720893	-.002614

Sample Name: J1957-06 Acquired: 3/23/2018 13:32:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC1015D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0022556	-.000756	.0420518
Stddev	.0000305	.000405	.0001315
%RSD	1.351739	53.55460	.3126361

#1	.0022811	-.000845	.0419277
#2	.0022638	-.001108	.0421896
#3	.0022218	-.000314	.0420381

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1369.205	2872.924	32706.11	5205.200	3413.003
Stddev	37.043	5.256	911.46	8.710	13.547
%RSD	2.705405	.1829377	2.786826	.1673310	.3969133

#1	1397.372	2872.610	33317.13	5210.873	3423.465
#2	1327.245	2878.330	31658.47	5209.557	3417.844
#3	1382.998	2867.832	33142.72	5195.172	3397.701

Sample Name: J1957-05LX5 Acquired: 3/23/2018 13:40:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1015L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004626	-.000821	.0009985	-.000054	.0015170	.0056132	.0014329
Stddev	.000422	.001490	.0007835	.002518	.0018865	.0102639	.0001061
%RSD	9.124855	181.3775	78.46848	4683.560	124.3552	182.8529	7.402766

#1	-.005010	.000438	.0011111	.002822	.0035445	-.006059	.0015302
#2	-.004174	-.000436	.0001648	-.001122	-.000187	.013230	.0013198
#3	-.004695	-.002466	.0017196	-.001862	.001193	.009669	.0014487

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001784	.0000408	1.491719	-.000353	-.000068	.0038092	.0068724
Stddev	.0000273	.0000351	.023476	.000442	.000246	.0016182	.0021888
%RSD	15.30045	85.89074	1.573763	125.1638	364.7332	42.48234	31.84870

#1	.0002043	.0000513	1.517534	-.000008	-.000248	.0053673	.0047664
#2	.0001499	.0000694	1.485975	-.000200	-.000168	.0039236	.0091355
#3	.0001810	.0000017	1.471648	-.000850	.000213	.0021369	.0067153

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043578	.1703614	.0002961	.0000276	10.13203	.0005082	.0061173
Stddev	.0005374	.0167334	.0001157	.0003426	.11017	.0026460	.0047002
%RSD	12.33195	9.822287	39.08293	1243.096	1.087338	520.6847	76.83476

#1	.0039626	.1542796	.0004287	.0002571	10.24081	.0016491	.0069467
#2	.0049697	.1691266	.0002438	-.000366	10.02052	-.002517	.0010576
#3	.0041411	.1876780	.0002157	.000192	10.13475	.002392	.0103475

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003483	-.001339	.0493270	.0004029	2.089657	.3298727	-.001103
Stddev	.074472	.001548	.0010072	.0001994	.007765	.0024212	.000495
%RSD	2137.931	115.6386	2.041798	49.48965	.3715822	.7339793	44.85763

#1	-.041368	-.002940	.0493542	.0002595	2.087468	.3282877	-.001198
#2	.082314	.000150	.0503203	.0003187	2.083221	.3286707	-.000568
#3	-.051396	-.001226	.0483065	.0006306	2.098281	.3326597	-.001544

Sample Name: J1957-05LX5 Acquired: 3/23/2018 13:40:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC1015L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000803	-.000588	.0082476
Stddev	.000863	.000811	.0000774
%RSD	107.4271	137.9879	.9390436

#1	.000188	-.001002	.0081945
#2	-.001385	.000347	.0083365
#3	-.001214	-.001107	.0082118

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1345.512	2790.443	32659.50	5082.604	3381.195
Stddev	6.370	13.851	212.88	17.519	17.589
%RSD	.4734537	.4963896	.6518202	.3446869	.5201921

#1	1339.498	2801.233	32417.13	5077.403	3387.017
#2	1352.187	2795.273	32816.19	5068.275	3395.135
#3	1344.851	2774.823	32745.19	5102.135	3361.434

Sample Name: J1957-08 Acquired: 3/23/2018 13:44:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1031 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000169	-.000003	.0003071	-.002032	-.002417	.0154564	-.001134
Stddev	.001636	.000957	.0002733	.000539	.000847	.0089938	.000394
%RSD	970.2458	34549.95	88.99229	26.54509	35.06688	58.18817	34.73565

#1	.001647	.000356	.0003181	-.002005	-.003042	.0179113	-.001111
#2	-.000624	-.001087	.0005747	-.001507	-.002756	.0054900	-.000752
#3	-.001529	.000722	.0000285	-.002585	-.001452	.0229678	-.001538

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002360	.0009126	.2967570	-.000034	.0003984	.0067578	.0066970
Stddev	.0000276	.0000252	.0170332	.000130	.0000301	.0019289	.0017600
%RSD	11.68974	2.766232	5.739766	384.0284	7.555703	28.54376	26.28009

#1	.0002679	.0008962	.2795120	-.000146	.0003644	.0084817	.0084595
#2	.0002191	.0008998	.2971889	-.000064	.0004088	.0046744	.0049395
#3	.0002212	.0009416	.3135701	.000109	.0004218	.0071172	.0066919

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012636	.0371974	.0011611	.0001953	.9052895	.0023563	.0080143
Stddev	.0003855	.0091728	.0001006	.0002449	.0714203	.0020429	.0012501
%RSD	30.50871	24.65975	8.660886	125.3826	7.889223	86.69996	15.59858

#1	.0012069	.0477491	.0010688	-.000080	.9742786	.0001609	.0092510
#2	.0016743	.0311237	.0011463	.000390	.9099261	.0042015	.0080406
#3	.0009096	.0327195	.0012683	.000275	.8316639	.0027066	.0067512

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.60440	-.002929	-.002446	.0000370	.0243875	.4970070	-.000556
Stddev	.07931	.000820	.000209	.0002092	.0021772	.0062779	.000871
%RSD	2.200281	28.00823	8.546336	565.6368	8.927460	1.263145	156.7014

#1	-3.68568	-.001986	-.002423	.0001682	.0268284	.5039037	-.001317
#2	-3.60028	-.003477	-.002665	-.000204	.0226457	.4954923	-.000743
#3	-3.52723	-.003324	-.002249	.000147	.0236884	.4916250	.000393

Sample Name: J1957-08 Acquired: 3/23/2018 13:44:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC1031 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0012618	-.000329	.0010324
Stddev	.0004783	.000583	.0000453
%RSD	37.90584	177.4572	4.384811

#1	.0010529	-.000964	.0010435
#2	.0018090	-.000206	.0009826
#3	.0009235	.000183	.0010711

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1430.647	2938.671	34314.79	5211.440	3563.600
Stddev	10.056	11.504	170.91	11.062	9.988
%RSD	.7028792	.3914857	.4980568	.2122680	.2802753

#1	1441.010	2951.411	34503.06	5199.539	3572.265
#2	1430.004	2935.563	34271.91	5213.372	3565.859
#3	1420.929	2929.040	34169.41	5221.409	3552.676

Sample Name: J1957-09 Acquired: 3/23/2018 13:48:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1028 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002262	.0006306	-.000221	-.002910	-.002431	.1222776	.0254281
Stddev	.000790	.0004273	.001860	.001765	.000320	.0022421	.0000795
%RSD	34.92262	67.76547	842.6949	60.64573	13.17256	1.833623	.3127116

#1	-.003171	.0011172	-.000890	-.000887	-.002517	.1247553	.0254261
#2	-.001749	.0004582	.001881	-.004133	-.002699	.1216890	.0255086
#3	-.001865	.0003164	-.001653	-.003710	-.002076	.1203885	.0253496

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002607	.0000230	19.85643	.0001573	.0000438	.0014547	.0443396
Stddev	.0000718	.0000615	.05793	.0001346	.0001327	.0025008	.0063925
%RSD	27.56626	267.5541	.2917538	85.61978	302.6500	171.9069	14.41720

#1	.0002466	-.000008	19.81894	.0001853	.0001579	.0041963	.0370407
#2	.0003385	.000094	19.82720	.0000108	-.000102	-.000701	.0470357
#3	.0001969	-.000017	19.92315	.0002756	.000075	.000869	.0489424

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090538	2.613128	.0006597	-.000008	4.104157	-.001553	.0063199
Stddev	.0002317	.023884	.0002934	.000392	.079533	.002683	.0021902
%RSD	2.559349	.9139912	44.47903	4621.072	1.937869	172.7843	34.65624

#1	.0092851	2.637649	.0009844	.000431	4.016283	-.004355	.0072786
#2	.0088217	2.611797	.0005810	-.000133	4.124986	.000994	.0038138
#3	.0090546	2.589937	.0004136	-.000323	4.171204	-.001298	.0078673

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.680666	.0051121	.0299751	.0015128	1.025960	.8296844	-.000910
Stddev	.090134	.0006080	.0006532	.0002153	.013823	.0142818	.000161
%RSD	13.24196	11.89255	2.179230	14.23408	1.347349	1.721358	17.65280

#1	-.580494	.0052945	.0296177	.0014684	1.010662	.8207661	-.001063
#2	-.755211	.0044338	.0295786	.0013231	1.037554	.8221304	-.000924
#3	-.706293	.0056079	.0307291	.0017468	1.029664	.8461569	-.000743

Sample Name: J1957-09 Acquired: 3/23/2018 13:48:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC1028 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0025600	-.001030	.0597787
Stddev	.0009298	.000341	.0000994
%RSD	36.31945	33.07951	.1661936

#1	.0014873	-.001247	.0597098
#2	.0031349	-.000637	.0597338
#3	.0030578	-.001205	.0598926

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1413.654	2890.756	33928.27	5258.851	3493.966
Stddev	10.495	10.084	97.73	39.423	14.508
%RSD	.7424357	.3488478	.2880438	.7496552	.4152183

#1	1416.381	2901.387	33900.06	5299.164	3510.054
#2	1422.516	2889.556	34037.00	5257.005	3489.964
#3	1402.064	2881.325	33847.75	5220.383	3481.879

Sample Name: J1957-10 Acquired: 3/23/2018 13:52:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1030 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001934	-.000719	.0007872	.0012919	-.002397	.0616937	.0329269
Stddev	.001014	.001880	.0012098	.0018076	.001148	.0115011	.0009700
%RSD	52.44579	261.5320	153.6899	139.9224	47.86901	18.64230	2.945795

#1	-.003105	-.002875	-.000599	.0032562	-.002842	.0741194	.0327078
#2	-.001368	.000148	.001332	.0009211	-.003256	.0514216	.0339877
#3	-.001329	.000571	.001628	-.000302	-.001094	.0595400	.0320853

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002523	.0000751	27.25982	.0004052	.0004338	.0044174	.5581845
Stddev	.0000661	.0000208	.15502	.0005645	.0000836	.0027114	.0160959
%RSD	26.19003	27.62984	.5686679	139.3074	19.27968	61.38033	2.883618

#1	.0002907	.0000894	27.15722	.0008405	.0004055	.0058721	.5765256
#2	.0002903	.0000513	27.18410	.0006079	.0005280	.0012891	.5464096
#3	.0001760	.0000846	27.43815	-.000233	.0003680	.0060911	.5516184

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0999477	3.410116	.0028466	.0003806	9.190359	-.003886	.0078315
Stddev	.0003921	.041375	.0000582	.0002310	.215106	.003075	.0033068
%RSD	.3923383	1.213304	2.043563	60.69455	2.340561	79.14244	42.22415

#1	.0996066	3.365699	.0029005	.0002092	9.017530	-.007246	.0041176
#2	.0998603	3.447564	.0027850	.0006433	9.122281	-.001211	.0089200
#3	.1003762	3.417084	.0028543	.0002892	9.431267	-.003200	.0104567

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2796952	-.001798	.0867642	.0014056	3.385008	.6914688	-.002382
Stddev	.1039524	.000486	.0005423	.0001362	.030190	.0057382	.000793
%RSD	37.16630	27.02239	.6249911	9.689692	.8918613	.8298571	33.30956

#1	.1881198	-.001293	.0862027	.0012889	3.414082	.6885310	-.003241
#2	.2582776	-.001838	.0872849	.0013727	3.353815	.6980810	-.002228
#3	.3926882	-.002263	.0868050	.0015553	3.387128	.6877944	-.001677

Sample Name: J1957-10 Acquired: 3/23/2018 13:52:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC1030 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011435	-.000615	.0877992
Stddev	.0006715	.001560	.0002888
%RSD	58.72420	253.7543	.3288946

#1	.0008542	-.000818	.0874928
#2	.0006651	.001037	.0878384
#3	.0019111	-.002064	.0880663

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1379.087	2881.003	33299.09	5196.143	3471.987
Stddev	2.645	3.305	192.85	17.352	7.033
%RSD	.1918172	.1147192	.5791379	.3339495	.2025569

#1	1382.077	2878.382	33457.85	5200.369	3478.298
#2	1377.053	2884.715	33354.94	5177.068	3473.257
#3	1378.131	2879.911	33084.49	5210.992	3464.406

Sample Name: PB107603BL Acquired: 3/23/2018 13:57:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) 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	-.002876	-.000735	.0014319	-.000133	-.001452	.0093894	-.002177
Stddev	.001485	.000601	.0008658	.003910	.000994	.0027345	.000299
%RSD	51.62672	81.74150	60.46706	2937.913	68.42911	29.12294	13.72509

#1	-.003200	-.001055	.0024317	-.002441	-.001676	.0076780	-.002426
#2	-.001256	-.001108	.0009340	-.002340	-.000366	.0079471	-.001846
#3	-.004171	-.000042	.0009300	.004382	-.002315	.0125430	-.002260

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001906	.0000248	.0062826	-.000163	-.000033	.0002030	.0038572
Stddev	.0000119	.0000164	.0113413	.000883	.000228	.0025183	.0024805
%RSD	6.261047	65.96394	180.5189	541.1205	682.9587	1240.842	64.30747

#1	.0001884	.0000064	.0165567	.000035	-.000231	.0007102	.0032830
#2	.0001799	.0000303	-.005887	.000604	.000216	.0024291	.0017142
#3	.0002035	.0000376	.008178	-.001129	-.000085	-.002530	.0065745

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000251	.0186587	.0000235	.0002141	.0284967	-.001487	.0020874
Stddev	.000396	.0040571	.0003113	.0004633	.1849678	.002717	.0024569
%RSD	157.5785	21.74343	1322.720	216.4433	649.0849	182.6774	117.6999

#1	-.000699	.0223946	-.000302	.0004299	-.183986	.000060	.0046613
#2	-.000109	.0143429	.000055	-.000318	.153488	-.004624	-.000233
#3	.000054	.0192387	.000318	.000530	.115988	.000102	.001834

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.207747	-.003555	-.003463	.0000302	.0112738	-.011676	-.000492
Stddev	.139302	.001482	.000911	.0000982	.0017748	.000922	.000739
%RSD	67.05347	41.69621	26.29963	325.4195	15.74268	7.895460	150.2699

#1	-.334708	-.003238	-.002866	.0000452	.0132014	-.012636	-.000719
#2	-.058735	-.002257	-.003012	-.000075	.0097074	-.010798	.000334
#3	-.229800	-.005171	-.004511	.000120	.0109126	-.011593	-.001089

Sample Name: PB107603BL Acquired: 3/23/2018 13:57:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) 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	.0007933	-.000639	-.000024
Stddev	.0003680	.000690	.000048
%RSD	46.38470	107.9443	194.8373

#1	.0003685	-.000245	.000023
#2	.0009964	-.001436	-.000073
#3	.0010149	-.000237	-.000023

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1315.058	2738.843	31947.58	4991.533	3320.042
Stddev	22.213	10.459	555.79	35.104	13.800
%RSD	1.689126	.3818668	1.739688	.7032662	.4156459

#1	1330.715	2729.056	32252.29	4993.173	3310.079
#2	1289.635	2749.864	31306.08	4955.637	3335.793
#3	1324.824	2737.608	32284.38	5025.787	3314.255

Sample Name: PB107571BS Acquired: 3/23/2018 14:01:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) 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	F .0138900	.0525141	.0177471	.0695415	.1151418	.3985493
Stddev	.0017230	.0020226	.0021426	.0018824	.0012337	.0047141
%RSD	12.40422	3.851580	12.07282	2.706864	1.071492	1.182823

#1	.0135964	.0511129	.0153499	.0678064	.1137547	.4024153
#2	.0123328	.0515966	.0184157	.0715429	.1155541	.3999350
#3	.0157409	.0548329	.0194755	.0692753	.1161165	.3932977

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3899261	.0102992	.0098385	9.763233	.0221395	.0926417
Stddev	.0023238	.0000775	.0000636	.058102	.0005324	.0004393
%RSD	.5959487	.7521640	.6465282	.5951083	2.404770	.4742009

#1	.3875498	.0102103	.0097976	9.696164	.0227173	.0927873
#2	.3921936	.0103518	.0098063	9.798212	.0216688	.0921481
#3	.3900348	.0103357	.0099118	9.795324	.0220325	.0929897

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0561406	.2123736	.0300302	9.207783	.0785443	.0196236
Stddev	.0020040	.0034577	.0007071	.032607	.0005450	.0001503
%RSD	3.569670	1.628139	2.354770	.3541232	.6938759	.7661165

#1	.0543055	.2103472	.0292352	9.180182	.0784032	.0195530
#2	.0582790	.2163661	.0305890	9.199405	.0780838	.0197962
#3	.0558373	.2104074	.0302665	9.243761	.0791460	.0195215

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.885217	.0998759	.1267863	9.615738	.0251572	F .0160287
Stddev	.137611	.0052774	.0066422	.025824	.0020481	.0004493
%RSD	1.548768	5.283930	5.238917	.2685568	8.141060	2.803347

#1	8.925796	.0978983	.1204844	9.621512	.0241343	.0157281
#2	8.731879	.0958729	.1261514	9.638186	.0275152	.0165452
#3	8.997975	.1058564	.1337232	9.587516	.0238220	.0158128

Sample Name: PB107571BS Acquired: 3/23/2018 14:01:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) 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	.0207316	.1830496	.1664711	F .0130847	.2002502	.0959313
Stddev	.0001485	.0016850	.0035298	.0004371	.0007874	.0003947
%RSD	.7160404	.9205349	2.120380	3.340228	.3932238	.4114097

#1	.0209024	.1843906	.1627872	.0135194	.1994564	.0957865
#2	.0206579	.1811582	.1668026	.0130892	.2002633	.0956295
#3	.0206344	.1836000	.1698235	.0126454	.2010310	.0963779

Elem	Sr4077
Units	ppm
Avg	.2034498
Stddev	.0001406
%RSD	.0690826

#1	.2033086
#2	.2035897
#3	.2034513

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1331.049	2733.941	32163.94	4930.969	3297.756
Stddev	7.527	9.720	62.53	7.049	18.587
%RSD	.5654679	.3555345	.1944061	.1429447	.5636247

#1	1339.172	2724.486	32129.52	4939.106	3280.125
#2	1329.663	2743.906	32126.18	4927.052	3317.170
#3	1324.312	2733.430	32236.11	4926.748	3295.974

Sample Name: J1958-01 Acquired: 3/23/2018 14:05:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1013 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000564	.0017696	.0037158	.0008979	-.002301	2.784464	.0353783
Stddev	.002914	.0015854	.0006921	.0014425	.001756	.027677	.0006911
%RSD	516.8449	89.59166	18.62504	160.6420	76.30935	.9939831	1.953549

#1	-.002060	.0020055	.0045135	.0015189	-.004225	2.763914	.0360626
#2	.002794	.0032238	.0033586	.0019259	-.001891	2.773542	.0346805
#3	-.002425	.0000795	.0032754	-.000751	-.000786	2.815935	.0353919

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002144	.0000236	16.31068	.0054517	-.000016	.0027900	1.885650
Stddev	.0001188	.0000826	.09843	.0004097	.000106	.0037072	.018543
%RSD	55.41345	349.0777	.6034737	7.514218	648.7996	132.8745	.9833776

#1	.0002015	.0000285	16.25738	.0050836	.000106	-.000817	1.870266
#2	.0003391	-.000061	16.25038	.0058930	-.000082	.002597	1.880445
#3	.0001026	.000104	16.42426	.0053786	-.000073	.006590	1.906240

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0248804	1.104848	.0016526	.0001723	15.44536	.0017825	.0110484
Stddev	.0003218	.042527	.0003536	.0005960	.32987	.0013902	.0043959
%RSD	1.293235	3.849165	21.39315	345.9762	2.135730	77.99274	39.78769

#1	.0251816	1.058227	.0014492	.0001880	15.67539	.0023179	.0139083
#2	.0249181	1.114803	.0020609	.0007603	15.59326	.0028255	.0059867
#3	.0245414	1.141515	.0014478	-.000431	15.06742	.0002042	.0132503

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7318110	.0100634	.1830925	.0028754	2.414246	3.259239	-.000973
Stddev	.0322116	.0023344	.0013755	.0003789	.005265	.013371	.001096
%RSD	4.401627	23.19728	.7512797	13.17580	.2180616	.4102430	112.6086

#1	.7299001	.0112596	.1845524	.0026999	2.415323	3.274676	-.000549
#2	.7005974	.0073733	.1818208	.0033102	2.418888	3.251772	-.000153
#3	.7649355	.0115573	.1829042	.0026161	2.408526	3.251270	-.002218

Sample Name: J1958-01 Acquired: 3/23/2018 14:05:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC1013 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0319632	-.000806	.0775663
Stddev	.0009165	.001252	.0002464
%RSD	2.867248	155.3920	.3176671

#1	.0309724	.000630	.0773786
#2	.0321370	-.001381	.0774750
#3	.0327804	-.001667	.0778454

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1411.200	2889.422	33794.71	5227.166	3480.256
Stddev	13.951	13.134	238.00	18.100	11.607
%RSD	.9885662	.4545572	.7042480	.3462586	.3335161

#1	1424.871	2897.738	34061.07	5237.347	3486.894
#2	1411.744	2896.248	33720.12	5237.883	3487.020
#3	1396.986	2874.281	33602.95	5206.269	3466.853

Sample Name: J1958-02 Acquired: 3/23/2018 14:09:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1016 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002450	.0005982	.0021739	.0048384	-.002143	.4384173	.0210209
Stddev	.0029349	.0018137	.0011725	.0021162	.000983	.0072455	.0011977
%RSD	1197.839	303.2006	53.93376	43.73760	45.85878	1.652662	5.697533

#1	-.001887	.0010744	.0019891	.0063130	-.002676	.4464628	.0223936
#2	-.000970	-.001406	.0034278	.0024136	-.002744	.4324070	.0201890
#3	.003592	.002126	.0011048	.0057886	-.001009	.4363821	.0204801

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002546	.0000344	7.208025	.0012913	-.000001	.0030460	.4614493
Stddev	.0000264	.0000277	.009693	.0006203	.000078	.0015047	.0145345
%RSD	10.37977	80.45458	.1344788	48.03505	6860.794	49.40114	3.149751

#1	.0002756	.0000277	7.216977	.0006132	.000088	.0027601	.4489959
#2	.0002249	.0000107	7.197731	.0018300	-.000056	.0017047	.4579324
#3	.0002633	.0000648	7.209368	.0014307	-.000035	.0046732	.4774196

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0248907	.6152080	.0009119	.0001871	51.21272	.0043355	.0105606
Stddev	.0001511	.0368544	.0004600	.0001454	.15668	.0034663	.0013092
%RSD	.6069636	5.990560	50.44826	77.72673	.3059429	79.95277	12.39712

#1	.0249405	.5890570	.0014396	.0001211	51.23060	.0082869	.0090620
#2	.0250106	.6573583	.0007005	.0003538	51.04786	.0018075	.0111375
#3	.0247210	.5992088	.0005956	.0000864	51.35969	.0029120	.0114822

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.310061	.0033580	.2565655	.0015937	10.62274	2.202313	-.000956
Stddev	.074875	.0012137	.0013014	.0000818	.08790	.011120	.000375
%RSD	5.715383	36.14451	.5072401	5.136073	.8274230	.5049279	39.23245

#1	1.331626	.0019701	.2565411	.0015623	10.57333	2.202641	-.001387
#2	1.226771	.0038834	.2578790	.0015322	10.72422	2.191032	-.000771
#3	1.371788	.0042204	.2552765	.0016866	10.57067	2.213265	-.000709

Sample Name: J1958-02 Acquired: 3/23/2018 14:09:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC1016 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0109742	-.000224	.0410431
Stddev	.0009820	.001341	.0002555
%RSD	8.948331	599.4902	.6223850

#1	.0121059	-.001196	.0413366
#2	.0103468	-.000780	.0408711
#3	.0104700	.001306	.0409216

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1381.419	2836.244	33337.01	5199.739	3392.673
Stddev	6.068	6.350	181.80	12.942	9.814
%RSD	.4392941	.2238753	.5453507	.2489004	.2892559

#1	1377.809	2843.161	33240.87	5206.529	3403.410
#2	1388.425	2830.680	33546.69	5184.815	3384.167
#3	1378.022	2834.890	33223.45	5207.873	3390.443

Sample Name: J1958-03 Acquired: 3/23/2018 14:13:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1016D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002209	-.001009	.0031209	.0032701	-.000909	.4316828	.0203163
Stddev	.002935	.001838	.0004191	.0022921	.000867	.0031067	.0004534
%RSD	132.8581	182.2266	13.42774	70.09330	95.31773	.7196779	2.231735

#1	.001129	.001113	.0027272	.0058002	-.001198	.4287225	.0205780
#2	-.004387	-.002106	.0030740	.0026777	-.001595	.4314082	.0197927
#3	-.003369	-.002033	.0035614	.0013323	.000065	.4349177	.0205781

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002459	.0000285	7.166860	.0009912	-.000051	.0070348	.4736038
Stddev	.0000958	.0000496	.048885	.0002363	.000116	.0017587	.0094944
%RSD	38.96559	174.3136	.6820994	23.83751	226.7544	24.99958	2.004704

#1	.0002392	-.000004	7.220445	.0007602	.000083	.0050341	.4720177
#2	.0003450	.000086	7.155437	.0012323	-.000116	.0083365	.4837914
#3	.0001537	.000004	7.124698	.0009810	-.000120	.0077338	.4650025

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0243779	.6489626	.0011764	.0001431	50.97107	.0002725	.0090405
Stddev	.0005526	.0268276	.0003611	.0002974	.27668	.0013985	.0041305
%RSD	2.266669	4.133918	30.69409	207.8877	.5428231	513.2906	45.68880

#1	.0243663	.6659537	.0008842	-.000135	51.21884	.0000007	.0044797
#2	.0238312	.6180350	.0010650	.000456	51.02185	.0017869	.0125294
#3	.0249361	.6628991	.0015801	.000108	50.67251	-.000970	.0101124

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.255812	.0034484	.2523897	.0013871	10.43767	2.162879	-.000026
Stddev	.049096	.0005940	.0057141	.0001727	.05717	.051587	.000435
%RSD	3.909505	17.22608	2.263992	12.44769	.5477002	2.385104	1671.808

#1	1.311117	.0029859	.2578950	.0011890	10.44382	2.214982	-.000134
#2	1.238952	.0032409	.2527868	.0015057	10.49152	2.161830	.000453
#3	1.217368	.0041183	.2464875	.0014665	10.37768	2.111825	-.000396

Sample Name: J1958-03 Acquired: 3/23/2018 14:13:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC1016D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0109410	-.000515	.0409017
Stddev	.0022603	.000802	.0002664
%RSD	20.65916	155.7841	.6512810

#1	.0103510	-.000941	.0411250
#2	.0134378	.000410	.0409732
#3	.0090342	-.001014	.0406068

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1381.455	2839.585	33152.20	5213.254	3410.839
Stddev	16.375	9.181	231.99	52.171	7.739
%RSD	1.185339	.3233202	.6997663	1.000741	.2269054

#1	1399.901	2841.944	33413.75	5153.052	3415.441
#2	1375.827	2847.356	33071.53	5245.246	3415.172
#3	1368.635	2829.455	32971.32	5241.465	3401.904

Sample Name: J1958-02LX5 Acquired: 3/23/2018 14:21:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1016L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005755	-.000100	.0012389	.0009677	-.002274	.0841318	.0021286
Stddev	.001559	.003243	.0015109	.0019008	.000309	.0002946	.0004091
%RSD	27.08978	3249.919	121.9539	196.4316	13.58322	.3501258	19.21733

#1	-.005227	-.003420	-.000489	.0016685	-.002462	.0838253	.0019755
#2	-.007510	.003060	.002309	.0024185	-.001917	.0841573	.0018182
#3	-.004529	.000061	.001898	-.001184	-.002441	.0844127	.0025921

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001457	.0000000	1.440027	.0000346	-.000131	.0036408	.0925216
Stddev	.0000113	.0000350	.014460	.0002103	.000232	.0010721	.0120177
%RSD	7.726964	456418.1	1.004179	608.5160	177.3253	29.44664	12.98912

#1	.0001350	-.000020	1.437252	.0001425	-.000314	.0044873	.0833170
#2	.0001447	.000040	1.427154	-.000208	.000130	.0039999	.0881304
#3	.0001574	-.000020	1.455673	.000169	-.000208	.0024353	.1061174

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050098	.1347496	.0000316	.0001138	10.03894	.0019003	.0064372
Stddev	.0009830	.0250764	.0002217	.0001579	.05415	.0050836	.0040132
%RSD	19.62076	18.60966	702.6682	138.7908	.5393814	267.5199	62.34445

#1	.0053302	.1566348	-.000049	.0001606	9.97745	-.003964	.0044609
#2	.0039067	.1402266	.000282	.0002430	10.05986	.005061	.0037953
#3	.0057926	.1073873	-.000139	-.000062	10.07950	.004604	.0110552

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0878144	-.000070	.0479783	.0002930	2.025509	.4187361	-.000153
Stddev	.1014839	.000725	.0009362	.0003939	.003167	.0031251	.001778
%RSD	115.5662	1038.949	1.951380	134.4491	.1563413	.7463135	1158.794

#1	.0130464	.000743	.0469468	.0001511	2.023884	.4164991	-.002187
#2	.0470558	-.000649	.0487743	-.000010	2.029159	.4174025	.001106
#3	.2033411	-.000303	.0482138	.000738	2.023485	.4223068	.000620

Sample Name: J1958-02LX5 Acquired: 3/23/2018 14:21:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC1016L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0021392	-.000212	.0082135
Stddev	.0009582	.000948	.0000237
%RSD	44.79183	446.1370	.2888336

#1	.0026037	-.000539	.0082337
#2	.0010373	-.000954	.0081874
#3	.0027765	.000856	.0082193

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1315.998	2746.526	32155.55	5037.504	3362.548
Stddev	4.879	9.228	109.58	36.085	10.002
%RSD	.3707420	.3359706	.3407940	.7163344	.2974397

#1	1310.629	2736.776	32046.80	5045.081	3351.048
#2	1320.160	2755.123	32153.89	5069.199	3369.217
#3	1317.206	2747.678	32265.95	4998.232	3367.381

Sample Name: CCV063 Acquired: 3/23/2018 14:25:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV063 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.731013	4.683805	23.36339	4.954408	4.974245	386.5696
Stddev	.058727	.035278	.25820	.034557	.058015	1.9924
%RSD	1.241319	.7531823	1.105141	.6974931	1.166302	.5154150

#1	4.798456	4.721668	23.65533	4.994310	5.040596	384.8462
#2	4.703414	4.651862	23.16502	4.934378	4.933076	386.1113
#3	4.691170	4.677885	23.26982	4.934535	4.949064	388.7512

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.609495	.4556969	2.378846	365.1187	14.44427	2.371453
Stddev	.041880	.0047555	.023637	1.9100	.08615	.024435
%RSD	.4358236	1.043557	.9936394	.5231060	.5964137	1.030394

#1	9.656527	.4518750	2.405714	367.1876	14.35208	2.398821
#2	9.576234	.4610224	2.361253	363.4226	14.45799	2.351827
#3	9.595722	.4541933	2.369570	364.7459	14.52273	2.363711

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.68169	379.0454	13.56803	372.3725	2.410082	1.167489
Stddev	.03311	1.3253	.08038	1.2666	.026081	.006269
%RSD	.2254914	.3496436	.5924408	.3401528	1.082166	.5369948

#1	14.65941	380.5498	13.64210	373.8054	2.438348	1.160874
#2	14.66594	378.5365	13.48255	371.9100	2.386948	1.173344
#3	14.71974	378.0501	13.57943	371.4021	2.404950	1.168248

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	380.4313	2.446496	14.04491	138.3935	4.574837	F 4.451996
Stddev	2.3438	.013219	.25507	.7113	.037679	.036418
%RSD	.6160926	.5403132	1.816087	.5139852	.8236214	.8180253

#1	382.9582	2.447422	13.79649	137.9217	4.617752	4.433264
#2	380.0070	2.432839	14.03210	138.0472	4.547176	4.493968
#3	378.3285	2.459228	14.30614	139.2117	4.559584	4.428757

Sample Name: CCV063 Acquired: 3/23/2018 14:25:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV063 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.942441	4.966422	4.372015	4.769435	4.759488	4.981601
Stddev	.045351	.055322	.042670	.056171	.037335	.012145
%RSD	.9175740	1.113924	.9759789	1.177734	.7844277	.2437914

#1	4.994165	5.029914	4.352745	4.832167	4.737705	4.979449
#2	4.909497	4.940771	4.420921	4.723797	4.738161	4.970676
#3	4.923661	4.928581	4.342379	4.752341	4.802598	4.994678

Elem	Sr4077
Units	ppm
Avg	4.946554
Stddev	.014545
%RSD	.2940511

#1	4.932504
#2	4.945610
#3	4.961548

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1102.899	2288.316	28582.08	4745.371	2487.907
Stddev	8.047	18.402	137.31	13.304	22.188
%RSD	.7295932	.8041880	.4804101	.2803483	.8918509

#1	1111.786	2267.069	28678.27	4760.507	2462.459
#2	1100.807	2299.210	28643.14	4735.532	2503.205
#3	1096.106	2298.670	28424.83	4740.073	2498.057

Sample Name: CCB063 Acquired: 3/23/2018 14:29:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB063 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003920	.0002486	.0006820	-.000012	-.001407	-.003309	-.002204
Stddev	.000723	.0016844	.0008223	.000481	.001543	.007938	.000313
%RSD	18.43603	677.6748	120.5784	3876.522	109.6527	239.9092	14.21007

#1	-.004510	-.001386	.0010746	-.000092	-.000264	-.010519	-.002531
#2	-.003114	.000153	-.000263	-.000449	-.000794	-.004604	-.002174
#3	-.004138	.001979	.001234	.000504	-.003161	.005197	-.001906

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000911	.0000789	.0075049	.0002239	.0000454	.0008374	-.007205
Stddev	.0000294	.0000948	.0024931	.0003035	.0002687	.0026781	.009514
%RSD	32.23801	120.1722	33.21923	135.5527	592.1199	319.8003	132.0510

#1	.0000966	.0001335	.0095980	.0005703	-.000086	-.002033	-.011295
#2	.0000593	.0001339	.0081699	.0000964	.000355	.001276	-.013988
#3	.0001173	-.000031	.0047467	.0000049	-.000132	.003269	.003670

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000187	.0240488	-.000058	.0003995	.0379510	-.000302	.0035561
Stddev	.000364	.0139633	.000223	.0002324	.1065885	.003479	.0051821
%RSD	194.8729	58.06251	385.4676	58.17146	280.8581	1152.742	145.7238

#1	-.000260	.0281106	-.000216	.0006234	.1520024	.002200	-.002151
#2	.000208	.0355308	-.000155	.0001594	-.059141	.001169	.004851
#3	-.000508	.0085049	.000197	.0004158	.020992	-.004275	.007968

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5074146	-.001370	.0024313	.0003010	.0118849	-.016575	-.000124
Stddev	.0463427	.002426	.0004569	.0002089	.0022370	.000453	.000366
%RSD	9.133105	177.0569	18.79085	69.40521	18.82219	2.735488	294.7270

#1	.4940742	-.003848	.0023624	.0002087	.0143351	-.017097	-.000065
#2	.5589643	.001000	.0020127	.0001542	.0099516	-.016352	-.000517
#3	.4692052	-.001261	.0029186	.0005402	.0113679	-.016277	.000209

Sample Name: CCB063 Acquired: 3/23/2018 14:29:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB063 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008407	.0006057	-.000010
Stddev	.0005583	.0008734	.000053
%RSD	66.41174	144.1978	518.2112

#1	.0014854	.0000895	-.000058
#2	.0005162	.0016142	-.000018
#3	.0005206	.0001135	.000046

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1314.922	2713.214	31830.24	4951.709	3306.252
Stddev	8.872	11.745	109.67	18.897	17.461
%RSD	.6747041	.4328989	.3445572	.3816215	.5281245

#1	1306.278	2726.354	31786.08	4969.577	3326.270
#2	1314.481	2703.734	31955.11	4931.929	3298.334
#3	1324.006	2709.555	31749.53	4953.620	3294.153

Sample Name: J1958-05 Acquired: 3/23/2018 14:33:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1022 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004364	.0005199	.0007288	-.000287	-.002707	.0148767	-.001019
Stddev	.004613	.0010643	.0002755	.002030	.000977	.0024225	.000098
%RSD	105.7005	204.7208	37.80444	707.1131	36.10598	16.28391	9.594885

#1	-.009549	.0002295	.0004509	.001083	-.001718	.0131504	-.000927
#2	-.002829	-.000369	.0010019	-.002620	-.002732	.0176460	-.001122
#3	-.000715	.001699	.0007338	.000675	-.003672	.0138336	-.001009

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001991	.0003650	.0670656	.0003540	.0003642	.0077639	.0387237
Stddev	.0000599	.0000559	.0064958	.0006432	.0002002	.0037157	.0015288
%RSD	30.09602	15.31980	9.685769	181.7096	54.95620	47.85890	3.947983

#1	.0001352	.0003112	.0605635	.0009595	.0004160	.0108922	.0384815
#2	.0002080	.0003609	.0735551	-.000321	.0005334	.0087426	.0403591
#3	.0002541	.0004229	.0670782	.000424	.0001433	.0036567	.0373304

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007194	.0189816	.0003132	.0000536	-.079644	-.000794	.0084218
Stddev	.0003139	.0168299	.0003274	.0002446	.157027	.005173	.0047788
%RSD	43.63307	88.66428	104.5388	456.5502	197.1609	651.6872	56.74325

#1	.0010197	.0160916	-.000051	.0001549	.047291	-.000060	.0031182
#2	.0003935	.0370694	.000407	.0002312	-.255242	-.006295	.0123931
#3	.0007451	.0037838	.000583	-.000225	-.030982	.003973	.0097542

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.62724	-.001195	-.002096	-.000075	.0165000	.0823999	-.001022
Stddev	.09373	.000346	.000951	.000357	.0027256	.0009973	.000602
%RSD	2.584113	28.92291	45.39467	475.7205	16.51864	1.210279	58.86168

#1	-3.73545	-.000796	-.002474	-.000005	.0182758	.0824472	-.001715
#2	-3.57502	-.001410	-.002801	-.000462	.0133618	.0833727	-.000628
#3	-3.57125	-.001378	-.001014	.000241	.0178624	.0813798	-.000723

Sample Name: J1958-05 Acquired: 3/23/2018 14:33:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC1022 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010743	-.001500	.0002862
Stddev	.0007130	.001230	.0000249
%RSD	66.37131	81.99357	8.696151

#1	.0018729	-.002911	.0003146
#2	.0008484	-.000654	.0002757
#3	.0005015	-.000936	.0002682

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1415.379	2895.209	33995.19	5242.449	3533.682
Stddev	7.961	17.134	188.75	44.929	23.166
%RSD	.5624528	.5918022	.5552349	.8570152	.6555790

#1	1424.472	2903.930	34211.48	5292.706	3550.544
#2	1409.666	2906.227	33910.32	5228.468	3543.234
#3	1411.998	2875.469	33863.77	5206.173	3507.267

Sample Name: J1958-06 Acquired: 3/23/2018 14:37:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015513	-.001161	.0208814	.0006233	-.002856	5.875624	.0794340
Stddev	.0029989	.002722	.0010383	.0014688	.001957	.027763	.0003703
%RSD	193.3155	234.4350	4.972220	235.6584	68.54661	.4725132	.4662293

#1	-.000204	-.004216	.0205520	.0006441	-.000655	5.850169	.0798549
#2	.005014	-.000278	.0220444	-.000856	-.003511	5.905228	.0792891
#3	-.000156	.001010	.0200477	.002082	-.004401	5.871474	.0791580

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005566	.0000373	30.04180	.0194662	.0010991	.0115090	18.31994
Stddev	.0000730	.0000309	.08976	.0003571	.0000694	.0011208	.04292
%RSD	13.12221	82.80575	.2987883	1.834659	6.315645	9.738273	.2342580

#1	.0005042	.0000311	30.14188	.0194604	.0011776	.0111219	18.36881
#2	.0005256	.0000708	29.96840	.0191120	.0010741	.0127720	18.28839
#3	.0006400	.0000100	30.01514	.0198262	.0010458	.0106330	18.30262

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1108416	3.953185	.0059822	.0005338	9.964640	.0230245	.0290243
Stddev	.0016670	.015202	.0002525	.0001673	.116014	.0016692	.0083085
%RSD	1.503965	.3845631	4.221135	31.33797	1.164254	7.249728	28.62594

#1	.1122516	3.970313	.0061731	.0003774	10.08466	.0233403	.0203314
#2	.1112714	3.947951	.0056959	.0005139	9.85310	.0212200	.0298558
#3	.1090018	3.941291	.0060775	.0007102	9.95616	.0245133	.0368858

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5303569	.1339713	.0882416	.0007446	3.359627	5.156636	-.000752
Stddev	.0640424	.0005894	.0002398	.0002929	.016513	.011631	.000913
%RSD	12.07535	.4399459	.2717400	39.34416	.4915256	.2255488	121.3563

#1	.5114532	.1335142	.0884475	.0004400	3.378687	5.168967	-.001305
#2	.6017234	.1346365	.0882989	.0010243	3.350569	5.145862	.000301
#3	.4778942	.1337632	.0879783	.0007695	3.349625	5.155079	-.001254

Sample Name: J1958-06 Acquired: 3/23/2018 14:37:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1018 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0482722	-.000466	.0967096
Stddev	.0003619	.001051	.0003743
%RSD	.7497503	225.7300	.3870333

#1	.0480866	-.001097	.0966187
#2	.0486893	.000748	.0963892
#3	.0480407	-.001048	.0971210

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1398.955	2864.773	33863.92	5269.677	3424.873
Stddev	5.556	27.320	201.77	5.461	25.464
%RSD	.3971336	.9536536	.5958349	.1036369	.7435138

#1	1393.033	2887.543	33845.77	5272.771	3444.141
#2	1404.052	2872.296	34074.16	5263.371	3434.474
#3	1399.779	2834.479	33671.84	5272.888	3396.003

Sample Name: J1958-07 Acquired: 3/23/2018 14:41:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000976	-.000702	.0218414	.0002109	-.001500	12.98295	.0863048
Stddev	.003963	.002897	.0017957	.0019815	.000916	.01739	.0005537
%RSD	406.0429	412.9517	8.221542	939.4177	61.04654	.1339733	.6415619

#1	.002120	-.003396	.0224423	-.001992	-.001574	12.96745	.0863204
#2	.000395	.002363	.0198223	.001847	-.000549	12.97963	.0868505
#3	-.005442	-.001072	.0232596	.000778	-.002376	13.00176	.0857435

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005526	.0000975	20.89855	.0253614	.0008057	.0145999	8.320491
Stddev	.0000776	.0000350	.10825	.0001906	.0000374	.0007872	.075643
%RSD	14.04502	35.92048	.5179836	.7513582	4.639919	5.392129	.9091142

#1	.0004633	.0001260	21.02351	.0251871	.0008339	.0148220	8.405392
#2	.0006035	.0000584	20.83898	.0253324	.0007633	.0137254	8.295806
#3	.0005910	.0001082	20.83317	.0255648	.0008200	.0152522	8.260274

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0306701	3.075842	.0051030	.0003574	3.589677	.0662463	.0265229
Stddev	.0011373	.051350	.0001973	.0000804	.153475	.0055457	.0094338
%RSD	3.708262	1.669475	3.867189	22.48332	4.275461	8.371395	35.56859

#1	.0313422	3.090742	.0048824	.0003110	3.413044	.0666292	.0335121
#2	.0293569	3.018690	.0051639	.0004502	3.665532	.0605190	.0302644
#3	.0313111	3.118095	.0052627	.0003110	3.690454	.0715907	.0157923

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.042427	.2160254	.0304656	.0005679	.9838613	10.79824	-.000598
Stddev	.035727	.0032885	.0010526	.0002372	.0077215	.09444	.000553
%RSD	84.20858	1.522267	3.455132	41.76975	.7848139	.8746251	92.43376

#1	-.083677	.2145382	.0315145	.0004667	.9749579	10.90688	-.001094
#2	-.021288	.2137432	.0294093	.0003980	.9887236	10.73568	-.000698
#3	-.022316	.2197948	.0304731	.0008389	.9879024	10.75216	-.000002

Sample Name: J1958-07 Acquired: 3/23/2018 14:41:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC1019 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0587265	.0009637	.0664520
Stddev	.0014352	.0003372	.0004057
%RSD	2.443873	34.98672	.6104394

#1	.0582320	.0011467	.0660080
#2	.0603435	.0011699	.0665450
#3	.0576039	.0005746	.0668032

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1403.402	2871.625	33868.32	5259.826	3445.519
Stddev	2.876	8.988	85.95	11.357	8.469
%RSD	.2049421	.3129952	.2537778	.2159196	.2457891

#1	1404.533	2881.312	33911.62	5246.713	3449.873
#2	1400.133	2870.007	33769.33	5266.355	3450.925
#3	1405.542	2863.555	33924.01	5266.412	3435.759

Sample Name: J1958-08 Acquired: 3/23/2018 14:46:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1017 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006089	-.000314	.0062615	.0032278	-.002232	2.706722	.0608153
Stddev	.0015207	.001736	.0010139	.0016475	.000457	.032070	.0002026
%RSD	249.7392	553.7885	16.19327	51.04313	20.46603	1.184814	.3331095

#1	.0003294	-.002268	.0050920	.0016293	-.002613	2.691559	.0607601
#2	.0022499	.000279	.0068942	.0049204	-.002357	2.743561	.0606460
#3	-.000753	.001049	.0067982	.0031335	-.001726	2.685046	.0610397

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003525	-.000023	40.05122	.0067309	.0004477	.0053045	9.124390
Stddev	.0000768	.000053	.25477	.0004332	.0002016	.0020874	.083004
%RSD	21.79014	229.6143	.6361202	6.436653	45.02819	39.35085	.9096973

#1	.0004319	-.000022	39.80911	.0062547	.0006649	.0029661	9.042927
#2	.0002785	-.000076	40.02756	.0068359	.0002667	.0059678	9.121389
#3	.0003472	.000029	40.31700	.0071019	.0004114	.0069797	9.208855

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0437617	4.450054	.0007665	.0001283	8.001930	.0243686	.0228749
Stddev	.0016101	.057766	.0005066	.0003095	.319210	.0017859	.0064873
%RSD	3.679119	1.298091	66.09474	241.2355	3.989166	7.328548	28.36003

#1	.0421332	4.383767	.0002012	.0004825	7.908701	.0258390	.0156148
#2	.0437994	4.476762	.0009188	-.000090	7.739714	.0223813	.0281029
#3	.0453526	4.489633	.0011796	-.000007	8.357375	.0248855	.0249069

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.146132	.0310227	.0720322	.0002168	2.966046	3.127253	-.001985
Stddev	.022981	.0021778	.0004273	.0002187	.009096	.044349	.000233
%RSD	.7304500	7.019858	.5932499	100.8852	.3066583	1.418154	11.75401

#1	3.134300	.0296998	.0725182	.0000005	2.976537	3.178334	-.002167
#2	3.131478	.0298322	.0718630	.0002121	2.960388	3.098559	-.002066
#3	3.172618	.0335362	.0717153	.0004378	2.961211	3.104867	-.001722

Sample Name: J1958-08 Acquired: 3/23/2018 14:46:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1017 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0429568	-.001147	.1419739
Stddev	.0019331	.000429	.0009001
%RSD	4.500177	37.40718	.6340263

#1	.0451504	-.001615	.1410585
#2	.0422179	-.001055	.1428579
#3	.0415020	-.000772	.1420054

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1382.000	2824.891	33412.74	5215.694	3401.720
Stddev	12.496	8.862	140.14	4.858	13.293
%RSD	.9041770	.3136939	.4194178	.0931426	.3907746

#1	1392.592	2834.038	33528.97	5210.223	3413.432
#2	1368.219	2824.289	33257.12	5217.357	3404.456
#3	1385.189	2816.346	33452.12	5219.502	3387.272

Sample Name: J1958-09 Acquired: 3/23/2018 14:50:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1020 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000133	.0001798	.0061519	.0009350	-.001548	5.753449	.0298997
Stddev	.001828	.0022253	.0008290	.0032507	.000858	.025832	.0001517
%RSD	1374.411	1237.355	13.47572	347.6655	55.42894	.4489852	.5073748

#1	.001610	.0009331	.0059926	-.002501	-.002260	5.739504	.0299373
#2	-.002036	.0019308	.0070489	.003961	-.000595	5.737587	.0300290
#3	.000027	-.002324	.0054141	.001345	-.001787	5.783257	.0297327

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005231	-.000010	6.766073	.0085927	.0008245	.0077752	5.212191
Stddev	.0000170	.000056	.015692	.0002251	.0001353	.0018240	.021292
%RSD	3.252948	572.5433	.2319277	2.619421	16.41297	23.45854	.4085081

#1	.0005190	-.000036	6.781415	.0083463	.0006849	.0056781	5.188311
#2	.0005418	.000054	6.750052	.0086442	.0008335	.0086550	5.219064
#3	.0005085	-.000048	6.766750	.0087875	.0009551	.0089926	5.229198

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0320033	2.462327	.0035016	.0001350	1.845171	.0068902	.0106976
Stddev	.0009023	.013538	.0000410	.0004439	.069916	.0010535	.0039079
%RSD	2.819266	.5498124	1.170943	328.9101	3.789145	15.29040	36.52997

#1	.0321235	2.448589	.0034559	-.000175	1.918257	.0077684	.0110589
#2	.0328395	2.462738	.0035136	-.000063	1.838329	.0057220	.0144123
#3	.0310470	2.475656	.0035352	.000643	1.778928	.0071801	.0066217

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.58017	.0905383	.0040543	.0005827	1.531070	6.946090	-.000381
Stddev	.02326	.0022819	.0004082	.0001484	.001779	.075122	.000174
%RSD	.9016560	2.520345	10.06766	25.46080	.1161998	1.081507	45.53255

#1	-2.57473	.0885327	.0045229	.0004223	1.530597	6.950615	-.000444
#2	-2.60568	.0900612	.0037761	.0006110	1.533038	7.018848	-.000185
#3	-2.56012	.0930210	.0038639	.0007149	1.529575	6.868808	-.000515

Sample Name: J1958-09 Acquired: 3/23/2018 14:50:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1020 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0829156	.0007040	.0224012
Stddev	.0056544	.0003181	.0001423
%RSD	6.819471	45.18804	.6351852

#1	.0816287	.0004799	.0224364
#2	.0780156	.0010681	.0222446
#3	.0891026	.0005639	.0225226

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1391.576	2877.552	33592.35	5177.904	3495.289
Stddev	15.520	5.105	213.81	22.368	5.194
%RSD	1.115283	.1774220	.6364970	.4319831	.1486023

#1	1392.128	2881.758	33568.58	5193.742	3501.266
#2	1375.787	2879.025	33391.41	5152.317	3491.876
#3	1406.812	2871.872	33817.05	5187.655	3492.724

Sample Name: J1958-10 Acquired: 3/23/2018 14:54:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1021 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025800	-.001046	.0183599	.0009860	-.000982	6.152067	.0761885
Stddev	.0005892	.000871	.0009610	.0023015	.000556	.016227	.0001627
%RSD	22.83869	83.32897	5.234006	233.4157	56.59775	.2637611	.2135991

#1	.0021699	-.000647	.0180060	-.000882	-.000994	6.165401	.0763115
#2	.0032552	-.000446	.0176261	.000283	-.000420	6.156801	.0760039
#3	.0023148	-.002045	.0194477	.003557	-.001532	6.134000	.0762500

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005308	.0000059	29.54145	.0186552	.0008169	.0076435	17.66474
Stddev	.0000255	.0000260	.15237	.0001167	.0000653	.0012585	.20468
%RSD	4.797372	440.9701	.5157771	.6255442	7.992399	16.46545	1.158684

#1	.0005496	.0000339	29.39014	.0187690	.0007575	.0086994	17.54625
#2	.0005018	.0000014	29.69485	.0185359	.0008062	.0079803	17.90108
#3	.0005410	-.000018	29.53936	.0186608	.0008868	.0062509	17.54688

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1035334	3.909033	.0055495	.0006214	9.865827	.0246313	.0279203
Stddev	.0002760	.082576	.0004505	.0003746	.131548	.0007229	.0034812
%RSD	.2666049	2.112448	8.118695	60.27240	1.333372	2.934690	12.46826

#1	.1038489	3.813706	.0052064	.0010353	10.01708	.0250992	.0315392
#2	.1033367	3.958561	.0060597	.0005233	9.77809	.0249959	.0245955
#3	.1034145	3.954831	.0053824	.0003057	9.80231	.0237987	.0276262

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5572880	.1240128	.0854459	.0012086	3.258715	6.406958	-.000960
Stddev	.0130720	.0007144	.0008946	.0001283	.021043	.030070	.000929
%RSD	2.345639	.5760475	1.047030	10.61739	.6457519	.4693318	96.72977

#1	.5460735	.1237423	.0844330	.0013536	3.268974	6.422362	-.001509
#2	.5541458	.1248229	.0861284	.0011095	3.234510	6.426206	.000112
#3	.5716447	.1234732	.0857762	.0011629	3.272661	6.372308	-.001485

Sample Name: J1958-10 Acquired: 3/23/2018 14:54:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1021 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0933743	.0006054	.0946558
Stddev	.0077524	.0007023	.0001846
%RSD	8.302457	115.9952	.1950637

#1	.0958545	.0012674	.0947786
#2	.0846853	-.000131	.0944435
#3	.0995830	.000680	.0947454

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1383.002	2887.814	33349.29	5126.063	3433.597
Stddev	9.978	3.835	217.61	25.416	6.817
%RSD	.7214575	.1328043	.6525308	.4958223	.1985506

#1	1371.798	2884.371	33099.42	5144.055	3428.282
#2	1390.932	2891.948	33497.22	5096.988	3441.283
#3	1386.274	2887.123	33451.25	5137.148	3431.224

Sample Name: PB107571BL Acquired: 3/23/2018 14:58:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) 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	-.006171	.0015654	.0010246	-.001657	.0002688	.0036966	-.002753
Stddev	.001186	.0011360	.0006114	.003168	.0022464	.0040161	.000902
%RSD	19.21385	72.57015	59.67345	191.2298	835.7759	108.6442	32.77638

#1	-.007442	.0007190	.0006865	-.004306	-.000521	.0082679	-.003175
#2	-.005978	.0011207	.0017303	-.002516	-.001476	.0007351	-.003368
#3	-.005094	.0028565	.0006569	.001852	.002803	.0020867	-.001717

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000567	.0001006	.0010902	.0003906	.0002035	.0058404	.0002303
Stddev	.0000571	.0000517	.0129174	.0001554	.0001468	.0017069	.0082359
%RSD	100.7123	51.36170	1184.892	39.79268	72.12454	29.22491	3575.508

#1	.0000723	.0001249	.0046592	.0003776	.0002303	.0077163	-.009195
#2	-.000007	.0001356	-.013236	.0002421	.0003351	.0043790	.006039
#3	.000104	.0000413	.011848	.0005521	.0000452	.0054259	.003847

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000277	.0262695	-.000120	.0000511	-.065285	-.003071	.0028255
Stddev	.000475	.0146044	.000363	.0001926	.142884	.003671	.0018744
%RSD	171.7780	55.59434	302.9406	376.6723	218.8604	119.5491	66.34036

#1	-.000783	.0283563	.000101	-.000170	.091831	-.006925	.0047722
#2	-.000206	.0107340	.000078	.000184	-.187451	-.002674	.0010329
#3	.000159	.0397182	-.000539	.000139	-.100236	.000386	.0026713

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3116427	-.003195	-.004800	.0000659	.0128773	-.015734	-.000161
Stddev	.0738980	.000822	.000641	.0002421	.0041766	.001216	.000646
%RSD	23.71243	25.73129	13.34274	367.0599	32.43418	7.728384	400.7842

#1	.3143040	-.002343	-.004082	-.000092	.0136134	-.014383	-.000874
#2	.2364499	-.003984	-.005007	-.000055	.0166369	-.016081	.000384
#3	.3841741	-.003258	-.005312	.000345	.0083815	-.016739	.000006

Sample Name: PB107571BL Acquired: 3/23/2018 14:58:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) 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	-.000255	-.000467	-.000041
Stddev	.000099	.000481	.000064
%RSD	38.62635	103.0369	156.4568

#1	-.000358	-.001020	-.000043
#2	-.000248	-.000235	.000024
#3	-.000161	-.000145	-.000103

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1319.072	2716.639	31947.27	4922.163	3306.125
Stddev	8.247	9.993	44.42	22.946	10.941
%RSD	.6252255	.3678445	.1390402	.4661827	.3309178

#1	1310.203	2706.020	31919.20	4907.054	3295.322
#2	1326.511	2725.859	31924.13	4910.868	3305.855
#3	1320.502	2718.038	31998.49	4948.568	3317.198

Sample Name: PB107603BS Acquired: 3/23/2018 15:02:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) 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	.0149617	.0505359	.0169189	.0687462	.1152022	.3795633
Stddev	.0013578	.0004794	.0015136	.0015625	.0017628	.0087604
%RSD	9.074958	.9486770	8.946117	2.272827	1.530144	2.308017

#1	.0139522	.0501845	.0186437	.0669838	.1132480	.3883012
#2	.0144276	.0510820	.0163014	.0699619	.1156863	.3796081
#3	.0165053	.0503412	.0158117	.0692927	.1166724	.3707806

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3805459	.0097741	.0096644	9.550225	.0223639	.0906582
Stddev	.0019590	.0000436	.0001247	.056787	.0001524	.0008172
%RSD	.5147777	.4464534	1.290135	.5946144	.6814804	.9014567

#1	.3783195	.0097295	.0095915	9.486831	.0223700	.0897456
#2	.3820052	.0097760	.0095934	9.596436	.0222085	.0909067
#3	.3813131	.0098168	.0098084	9.567409	.0225132	.0913225

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0565645	.2134732	.0296412	9.135272	.0771818	.0189036
Stddev	.0026664	.0038640	.0000784	.047364	.0003246	.0002561
%RSD	4.713893	1.810040	.2646619	.5184793	.4205512	1.354521

#1	.0590863	.2094753	.0297310	9.090788	.0768089	.0186194
#2	.0568333	.2171875	.0296069	9.129960	.0774006	.0189751
#3	.0537739	.2137569	.0295858	9.185069	.0773360	.0191163

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.909114	.1026514	.1279052	9.633316	.0214258	F .0152771
Stddev	.112970	.0035646	.0015335	.112148	.0029584	.0008691
%RSD	1.268029	3.472563	1.198912	1.164173	13.80780	5.688774

#1	8.811184	.1012015	.1293340	9.519219	.0212223	.0155035
#2	8.883450	.1067126	.1262850	9.743408	.0185744	.0143172
#3	9.032708	.1000403	.1280965	9.637322	.0244808	.0160105

Sample Name: PB107603BS Acquired: 3/23/2018 15:02:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) 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	.0208084	.1804037	.1546315	F .0134577	.1947261	.0933067
Stddev	.0001517	.0004779	.0018098	.0005895	.0029030	.0011278
%RSD	.7289342	.2648934	1.170414	4.380549	1.490802	1.208743

#1	.0208082	.1799993	.1526071	.0139188	.1956654	.0943942
#2	.0209602	.1809310	.1560928	.0127935	.1914698	.0921424
#3	.0206568	.1802808	.1551946	.0136609	.1970431	.0933836

Elem	Sr4077
Units	ppm
Avg	.1994278
Stddev	.0002154
%RSD	.1079951

#1	.1993465
#2	.1996719
#3	.1992648

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1332.317	2711.345	32235.07	5020.444	3300.839
Stddev	12.773	20.796	136.68	20.857	22.018
%RSD	.9586864	.7669878	.4240243	.4154340	.6670510

#1	1343.368	2729.880	32369.83	5035.167	3321.848
#2	1335.248	2715.298	32238.83	5029.589	3302.733
#3	1318.333	2688.856	32096.54	4996.578	3277.934

Sample Name: J1959-01 Acquired: 3/23/2018 15:06:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE1R3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030956	-.005472	.0587868	.0081606	.0051481	.2183265	.0041644
Stddev	.0025809	.000825	.0013692	.0007622	.0012752	.0012556	.0003023
%RSD	83.37447	15.07539	2.329039	9.340566	24.76983	.5750992	7.258252

#1	.0053395	-.006269	.0592653	.0083262	.0036799	.2176883	.0038357
#2	.0002752	-.005526	.0572426	.0073291	.0059786	.2197731	.0042273
#3	.0036720	-.004622	.0598525	.0088264	.0057858	.2175183	.0044303

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001942	.0000751	1.877120	.0019464	.0002310	.0120595	.5916496
Stddev	.0000421	.0000649	.006457	.0003933	.0001653	.0040361	.0041448
%RSD	21.65287	86.44355	.3440036	20.20894	71.53663	33.46826	.7005501

#1	.0001652	.0000545	1.869665	.0023928	.0001099	.0074673	.5950947
#2	.0002425	.0001479	1.880748	.0017954	.0001639	.0150438	.5870499
#3	.0001751	.0000230	1.880948	.0016509	.0004193	.0136676	.5928041

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085623	1.189374	.0015713	-.000089	5.048037	-.003806	.1757034
Stddev	.0005237	.051525	.0003979	.000183	.110169	.002661	.0067282
%RSD	6.115797	4.332110	25.32406	204.5366	2.182411	69.91198	3.829283

#1	.0082748	1.153243	.0015528	-.000287	4.921534	-.000789	.1818874
#2	.0082455	1.166503	.0019781	.000073	5.122910	-.005820	.1766841
#3	.0091668	1.248375	.0011829	-.000054	5.099665	-.004808	.1685387

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.695990	.1540348	.0777326	-.000183	1.008014	.5415807	.0243451
Stddev	.024401	.0035871	.0012840	.000027	.006965	.0020948	.0012735
%RSD	3.505992	2.328754	1.651811	14.82760	.6909141	.3867898	5.231013

#1	-.671103	.1528409	.0780514	-.000152	1.009788	.5413022	.0242580
#2	-.719875	.1580666	.0763193	-.000195	1.000334	.5396392	.0231173
#3	-.696993	.1511969	.0788272	-.000202	1.013920	.5438009	.0256599

Sample Name: J1959-01 Acquired: 3/23/2018 15:06:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE1R3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0130057	.0015945	.0068338
Stddev	.0007459	.0015156	.0000992
%RSD	5.735072	95.05179	1.451528

#1	.0136068	.0028433	.0067206
#2	.0121710	-.000092	.0069055
#3	.0132393	.002032	.0068753

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1345.565	2741.250	33353.76	5186.870	3493.246
Stddev	10.925	5.639	189.21	22.203	11.626
%RSD	.8119477	.2056914	.5672723	.4280553	.3328163

#1	1335.249	2735.990	33146.55	5188.435	3479.822
#2	1357.012	2747.203	33517.33	5163.926	3500.003
#3	1344.435	2740.559	33397.40	5208.248	3499.914

Sample Name: J1959-02 Acquired: 3/23/2018 15:10:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE1R4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016684	-.005192	.0404250	.0086061	.0042698	.1390289	.0048074
Stddev	.0042732	.001656	.0017829	.0052873	.0001252	.0039772	.0005290
%RSD	256.1201	31.88609	4.410371	61.43625	2.931673	2.860734	11.00317

#1	-.001767	-.003579	.0396754	.0114650	.0041253	.1436184	.0041972
#2	.000319	-.005111	.0391393	.0118484	.0043387	.1365907	.0051346
#3	.006454	-.006887	.0424603	.0025049	.0043453	.1368776	.0050905

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001025	-.000044	1.729007	.0012478	.0003616	.0195541	.3362148
Stddev	.0000904	.000024	.021160	.0006283	.0001355	.0003454	.0129201
%RSD	88.19606	54.83587	1.223813	50.35790	37.48662	1.766319	3.842799

#1	.0000809	-.000071	1.705991	.0008282	.0004864	.0194763	.3476418
#2	.0002017	-.000038	1.733414	.0019702	.0002174	.0199318	.3388077
#3	.0000248	-.000023	1.747616	.0009450	.0003811	.0192543	.3221950

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054146	1.083037	.0038519	.0001518	5.651404	.0016472	.9434876
Stddev	.0004836	.026832	.0001334	.0002489	.189340	.0008489	.0093964
%RSD	8.930993	2.477445	3.462887	164.0228	3.350322	51.53835	.9959245

#1	.0048921	1.054380	.0039859	-.000053	5.766458	.0008239	.9326949
#2	.0055053	1.107564	.0037192	.000080	5.754880	.0015981	.9498490
#3	.0058464	1.087169	.0038507	.000429	5.432875	.0025197	.9479189

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.111457	.1806251	.0918168	-.000097	1.365960	.4587260	.0174710
Stddev	.046853	.0014364	.0006047	.000155	.011642	.0018713	.0002785
%RSD	42.03669	.7952402	.6585852	159.9557	.8522767	.4079293	1.593941

#1	-.165039	.1819369	.0919898	.000055	1.378468	.4588953	.0176343
#2	-.091144	.1808481	.0923161	-.000255	1.355441	.4605069	.0171495
#3	-.078189	.1790902	.0911444	-.000091	1.363971	.4567758	.0176293

Sample Name: J1959-02 Acquired: 3/23/2018 15:10:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBE1R4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0089103	.0010963	.0067335
Stddev	.0003302	.0008364	.0000507
%RSD	3.705349	76.28826	.7527220

#1	.0090278	.0020596	.0067724
#2	.0085374	.0005551	.0067519
#3	.0091656	.0006742	.0066762

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1359.505	2761.131	33705.56	5153.006	3509.595
Stddev	8.134	.192	375.11	33.218	4.153
%RSD	.5983128	.0069535	1.112895	.6446389	.1183217

#1	1354.573	2761.352	33390.18	5151.367	3507.504
#2	1368.893	2761.037	34120.36	5120.638	3514.378
#3	1355.048	2761.004	33606.14	5187.014	3506.905

Sample Name: J1959-03 Acquired: 3/23/2018 15:14:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE1R5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003134	-.006633	.0084770	.0051545	.0019023	.0994633	.0008651
Stddev	.000857	.002233	.0013460	.0001012	.0006620	.0087214	.0002518
%RSD	27.33798	33.66080	15.87805	1.962905	34.80124	8.768451	29.10860

#1	-.003518	-.004707	.0073929	.0052542	.0025569	.1060857	.0006929
#2	-.002152	-.009081	.0099835	.0050519	.0019169	.1027225	.0011541
#3	-.003731	-.006112	.0080545	.0051575	.0012331	.0895817	.0007482

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001346	-.000010	1.208701	.0028539	.0001165	.0213628	.2031704
Stddev	.0000284	.000071	.009590	.0004018	.0001074	.0016811	.0018376
%RSD	21.12656	724.0271	.7934182	14.07757	92.23576	7.869113	.9044456

#1	.0001141	-.000071	1.202221	.0024515	.0000233	.0198548	.2011531
#2	.0001671	.000068	1.204165	.0028553	.0002340	.0210584	.2036094
#3	.0001227	-.000026	1.219718	.0032550	.0000921	.0231753	.2047487

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038159	1.096517	.0011487	.0000114	4.210570	.0045915	.9540225
Stddev	.0004175	.032403	.0001425	.0003063	.045759	.0032810	.0781631
%RSD	10.94118	2.955121	12.40851	2698.682	1.086765	71.45930	8.193003

#1	.0041963	1.127359	.0010929	-.000086	4.180641	.0009656	.8905968
#2	.0038824	1.062750	.0013108	.000355	4.263245	.0073558	1.041344
#3	.0033692	1.099442	.0010426	-.000234	4.187825	.0054529	.930126

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.11856	.1830714	.0984065	.0003451	1.257746	.3996373	.0057394
Stddev	.05253	.0004110	.0014877	.0002602	.003862	.0044945	.0003853
%RSD	4.696662	.2244899	1.511779	75.41013	.3070371	1.124650	6.712583

#1	-1.17922	.1834186	.0973627	.0000514	1.253822	.3957912	.0060569
#2	-1.08827	.1826176	.1001100	.0005468	1.257875	.4045780	.0053108
#3	-1.08819	.1831781	.0977468	.0004371	1.261542	.3985426	.0058505

Sample Name: J1959-03 Acquired: 3/23/2018 15:14:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBE1R5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0064026	.0014867	.0062595
Stddev	.0005550	.0007233	.0000766
%RSD	8.668068	48.65550	1.223346

#1	.0069979	.0007849	.0062934
#2	.0058995	.0022298	.0063133
#3	.0063103	.0014452	.0061719

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1289.727	2723.752	31954.29	5158.945	3475.485
Stddev	90.248	13.014	2166.83	18.643	10.910
%RSD	6.997468	.4778128	6.781016	.3613654	.3139194

#1	1347.001	2724.807	33203.50	5137.418	3475.162
#2	1185.694	2710.241	29452.26	5169.712	3464.740
#3	1336.486	2736.206	33207.11	5169.704	3486.553

Sample Name: J1959-04 Acquired: 3/23/2018 15:19:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE1R6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007002	-.006445	.0056462	.0069798	.0013551	.2108739	.0028429
Stddev	.0007818	.002665	.0003867	.0017587	.0003400	.0043250	.0008078
%RSD	111.6657	41.35345	6.849288	25.19643	25.08630	2.051005	28.41538

#1	.0008771	-.009463	.0060394	.0073813	.0009821	.2058798	.0030047
#2	-.000155	-.004415	.0056328	.0085030	.0014357	.2133631	.0035576
#3	.001378	-.005456	.0052663	.0050551	.0016475	.2133789	.0019664

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001050	.0000208	1.646805	.0017025	.0000510	.0284344	.3317354
Stddev	.0000694	.0001193	.007550	.0003895	.0001302	.0016989	.0079259
%RSD	66.13533	574.3497	.4584652	22.87665	255.3789	5.974719	2.389236

#1	.0001028	.0001064	1.639757	.0020815	-.000093	.0301465	.3259779
#2	.0001755	-.000115	1.654773	.0017225	.000086	.0284077	.3407753
#3	.0000367	.000071	1.645885	.0013034	.000160	.0267490	.3284532

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061349	1.140286	.0024931	.0000680	5.864956	-.001785	.9942399
Stddev	.0003846	.028993	.0000811	.0001533	.274438	.000972	.0158442
%RSD	6.269676	2.542601	3.252965	225.3451	4.679284	54.44978	1.593603

#1	.0065778	1.115145	.0024054	-.000107	5.562557	-.001500	.9760111
#2	.0058847	1.172002	.0025083	.000135	6.098206	-.000987	1.004705
#3	.0059423	1.133712	.0025655	.000177	5.934106	-.002867	1.002003

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.761547	.2281868	.1091115	.0003047	1.894777	.5803149	.0070423
Stddev	.027908	.0025920	.0007472	.0001345	.015099	.0039441	.0012024
%RSD	3.664666	1.135913	.6848263	44.14994	.7968690	.6796494	17.07439

#1	-.758034	.2294970	.1097375	.0001732	1.896927	.5760630	.0071967
#2	-.791045	.2298622	.1093127	.0002988	1.908685	.5838541	.0081601
#3	-.735562	.2252013	.1082843	.0004421	1.878718	.5810276	.0057701

Sample Name: J1959-04 Acquired: 3/23/2018 15:19:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE1R6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0129389	.0008879	.0080416
Stddev	.0006871	.0010000	.0000405
%RSD	5.310455	112.6209	.5030199

#1	.0128647	.0017763	.0080788
#2	.0136601	.0010826	.0080474
#3	.0122919	-.000195	.0079986

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1336.115	2733.403	33115.09	5117.131	3479.447
Stddev	11.330	33.407	160.69	22.932	42.059
%RSD	.8479524	1.222171	.4852607	.4481507	1.208784

#1	1344.454	2732.560	33172.51	5140.173	3479.825
#2	1340.675	2700.427	33239.20	5116.911	3437.200
#3	1323.216	2767.224	32933.58	5094.310	3521.315

Sample Name: J1959-05 Acquired: 3/23/2018 15:23:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE1R7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018614	-.003600	.0080563	.0085303	.0013049	.1870979	.0045050
Stddev	.0015362	.000360	.0005178	.0022027	.0002419	.0042684	.0004672
%RSD	82.53247	9.987215	6.427457	25.82156	18.53523	2.281367	10.36954

#1	.0007451	-.003186	.0074584	.0061721	.0012732	.1918961	.0050182
#2	.0012256	-.003774	.0083558	.0105345	.0010804	.1837229	.0041045
#3	.0036134	-.003839	.0083547	.0088842	.0015611	.1856748	.0043923

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002001	.0000523	2.069759	.0035890	.0001190	.0249171	.2583482
Stddev	.0000335	.0000791	.001832	.0005207	.0000330	.0005635	.0010366
%RSD	16.76127	151.2009	.0885084	14.50791	27.69951	2.261639	.4012354

#1	.0002386	.0000633	2.070680	.0040974	.0001504	.0248386	.2592986
#2	.0001847	.0001254	2.067649	.0036127	.0000847	.0255158	.2585031
#3	.0001770	-.000032	2.070947	.0030569	.0001218	.0243969	.2572429

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048314	.9248985	.0054269	.0002005	3.186615	-.001775	.8470143
Stddev	.0004199	.0361186	.0001843	.0001816	.163914	.005669	.0097866
%RSD	8.690682	3.905146	3.396197	90.56185	5.143829	319.3231	1.155423

#1	.0052441	.8918164	.0053547	.0001282	3.086671	.004753	.8422664
#2	.0044047	.9634336	.0056364	.0000662	3.375785	-.005459	.8405074
#3	.0048455	.9194455	.0052896	.0004071	3.097389	-.004620	.8582692

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.635758	.1795443	.0887489	.0003213	1.040376	.3751644	.0070339
Stddev	.083083	.0013392	.0006419	.0002275	.006631	.0023899	.0013645
%RSD	13.06830	.7458738	.7232967	70.79766	.6373871	.6370367	19.39920

#1	-.727994	.1805023	.0887452	.0004519	1.043443	.3771867	.0084712
#2	-.612491	.1780141	.0881089	.0000586	1.032767	.3725270	.0068743
#3	-.566790	.1801166	.0893927	.0004534	1.044919	.3757794	.0057562

Sample Name: J1959-05 Acquired: 3/23/2018 15:23:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBE1R7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0076747	.0016098	.0069292
Stddev	.0008823	.0007156	.0000881
%RSD	11.49604	44.45414	1.270919

#1	.0073506	.0013186	.0068886
#2	.0070002	.0024251	.0068689
#3	.0086732	.0010857	.0070303

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1316.079	2745.683	32776.53	5151.157	3484.754
Stddev	3.764	8.573	176.37	25.841	9.064
%RSD	.2859672	.3122201	.5380901	.5016591	.2600956

#1	1314.799	2751.813	32937.96	5137.240	3481.094
#2	1320.315	2749.349	32588.29	5180.974	3495.076
#3	1313.122	2735.887	32803.35	5135.257	3478.093

Sample Name: J1959-06 Acquired: 3/23/2018 15:27:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE1R8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042445	-.007593	.0424822	.0084762	.0049423	.4154758	.0047662
Stddev	.0010612	.000749	.0006877	.0015159	.0012554	.0134288	.0001979
%RSD	25.00114	9.865840	1.618856	17.88447	25.40065	3.232147	4.152597

#1	.0037079	-.007879	.0430478	.0102210	.0038617	.4238069	.0049736
#2	.0035589	-.006743	.0426822	.0077250	.0046458	.3999843	.0045794
#3	.0054669	-.008156	.0417166	.0074825	.0063193	.4226362	.0047456

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000993	.0000562	3.525530	.0029049	.0001272	.0106261	.8137173
Stddev	.0000543	.0000627	.012000	.0004910	.0000572	.0011104	.0073015
%RSD	54.69095	111.4511	.3403771	16.90199	45.00611	10.44977	.8972984

#1	.0001611	.0000445	3.519217	.0034424	.0001661	.0115432	.8075470
#2	.0000779	.0000002	3.518003	.0027925	.0000615	.0093916	.8118268
#3	.0000590	.0001239	3.539368	.0024799	.0001540	.0109435	.8217781

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0134738	1.249999	.0018290	.0003438	2.308555	.0005808	.1614306
Stddev	.0007404	.018368	.0006200	.0003783	.059577	.0014128	.0035642
%RSD	5.495113	1.469479	33.89755	110.0467	2.580701	243.2381	2.207878

#1	.0129171	1.270775	.0012037	.0006811	2.240119	.0018050	.1573191
#2	.0131903	1.235915	.0024435	.0004156	2.336705	.0009024	.1636445
#3	.0143141	1.243306	.0018398	-.000065	2.348839	-.000965	.1633283

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.991056	.1745113	.0789330	.0001624	.5896559	.8630904	.0130815
Stddev	.035059	.0029381	.0014625	.0000369	.0032820	.0076809	.0016530
%RSD	3.537549	1.683597	1.852849	22.73770	.5566000	.8899286	12.63578

#1	-.972879	.1762658	.0772679	.0001969	.5931823	.8553444	.0139626
#2	-1.03147	.1761487	.0800092	.0001234	.5890950	.8707045	.0141072
#3	-.96882	.1711194	.0795221	.0001669	.5866906	.8632223	.0111747

Sample Name: J1959-06 Acquired: 3/23/2018 15:27:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBE1R8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0231623	.0002309	.0112451
Stddev	.0005522	.0003954	.0000481
%RSD	2.384118	171.2291	.4274358

#1	.0234850	-.000225	.0112306
#2	.0225246	.000439	.0112059
#3	.0234772	.000479	.0112987

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1340.683	2752.782	33285.34	5140.412	3511.485
Stddev	5.799	21.621	244.24	3.824	30.807
%RSD	.4325658	.7854078	.7337616	.0743895	.8773172

#1	1334.437	2728.859	33005.96	5136.806	3478.776
#2	1341.714	2758.562	33391.67	5140.008	3515.728
#3	1345.897	2770.925	33458.38	5144.422	3539.950

Sample Name: J1959-07 Acquired: 3/23/2018 15:31:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE1R9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014771	-.004874	.0117994	.0065062	.0022323	.0966103	.0039714
Stddev	.0006758	.001121	.0017874	.0030584	.0004767	.0037134	.0009015
%RSD	45.75158	22.99870	15.14783	47.00670	21.35315	3.843651	22.70076

#1	.0010185	-.003701	.0099453	.0040746	.0017341	.1001274	.0045971
#2	.0011596	-.004987	.0135115	.0099399	.0022789	.0927277	.0029381
#3	.0022532	-.005935	.0119414	.0055042	.0026840	.0969760	.0043792

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001437	.0001009	1.334502	.0020425	-.000090	.0152914	.2370509
Stddev	.0000427	.0000625	.013419	.0000969	.000137	.0028306	.0064353
%RSD	29.72587	61.96570	1.005519	4.743021	151.2748	18.51136	2.714723

#1	.0001279	.0001183	1.320610	.0020869	-.000242	.0147262	.2354332
#2	.0001111	.0001528	1.335507	.0019314	-.000053	.0183619	.2441406
#3	.0001921	.0000315	1.347391	.0021092	.000024	.0127860	.2315787

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035133	1.022180	.0019555	.0001390	3.675008	-.004281	.1428024
Stddev	.0003294	.023141	.0002930	.0000453	.105380	.000608	.0044814
%RSD	9.374534	2.263924	14.98281	32.56085	2.867470	14.19436	3.138215

#1	.0033342	1.006481	.0022763	.0000911	3.553414	-.004983	.1376327
#2	.0033123	1.048756	.0017021	.0001810	3.739822	-.003928	.1451894
#3	.0038934	1.011302	.0018879	.0001450	3.731787	-.003933	.1455851

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.31876	.1660612	.0802755	-.000000	.8277651	.7052453	.0067220
Stddev	.08629	.0014297	.0012297	.000083	.0049765	.0070438	.0001890
%RSD	6.543050	.8609168	1.531857	28684.82	.6012029	.9987736	2.811515

#1	-1.34194	.1677109	.0796557	-.000012	.8334816	.6972338	.0065038
#2	-1.39108	.1651833	.0794791	-.000077	.8243994	.7104661	.0068287
#3	-1.22325	.1652895	.0816918	.000088	.8254145	.7080361	.0068335

Sample Name: J1959-07 Acquired: 3/23/2018 15:31:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBE1R9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0063513	.0015021	.0055970
Stddev	.0005488	.0004903	.0000544
%RSD	8.640269	32.63763	.9713116

#1	.0066870	.0009384	.0056284
#2	.0066488	.0017394	.0055343
#3	.0057180	.0018286	.0056284

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1344.151	2766.536	33309.63	5174.422	3524.866
Stddev	7.166	14.145	90.59	21.141	18.906
%RSD	.5331024	.5112942	.2719611	.4085749	.5363729

#1	1352.257	2763.248	33367.75	5159.227	3510.100
#2	1338.661	2782.036	33205.25	5198.566	3546.175
#3	1341.535	2754.325	33355.88	5165.472	3518.324

Sample Name: J1959-08 Acquired: 3/23/2018 15:35:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE1S0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000187	-.005186	.0081911	.0074118	.0018141	.1251807	.0030953
Stddev	.005749	.000836	.0009925	.0017259	.0025514	.0066703	.0001176
%RSD	3073.306	16.12098	12.11633	23.28587	140.6439	5.328548	3.800615

#1	.006450	-.004396	.0086786	.0080822	-.001091	.1256454	.0032300
#2	-.003597	-.006061	.0088456	.0054513	.003692	.1182902	.0030128
#3	-.003414	-.005101	.0070492	.0087019	.002841	.1316065	.0030430

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001202	.0000526	1.615350	.0353790	.0002441	.0224915	.2242393
Stddev	.0000403	.0000903	.011963	.0002112	.0000980	.0012459	.0074380
%RSD	33.52953	171.6118	.7405730	.5969730	40.14168	5.539539	3.317017

#1	.0000737	-.000043	1.629145	.0355992	.0001863	.0236574	.2209565
#2	.0001453	.000136	1.609064	.0351781	.0001887	.0211786	.2327539
#3	.0001415	.000065	1.607840	.0353598	.0003572	.0226384	.2190073

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036202	1.089060	.0020800	-.000050	4.787526	-.003613	.9263995
Stddev	.0002201	.006892	.0000374	.000470	.258092	.002890	.0070574
%RSD	6.079215	.6328631	1.799738	947.2213	5.390928	79.98973	.7618068

#1	.0037510	1.096305	.0020640	.000223	4.964334	-.004834	.9201176
#2	.0037435	1.082586	.0020533	-.000592	4.906886	-.005693	.9250448
#3	.0033661	1.088289	.0021228	.000220	4.491358	-.000313	.9340359

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.716376	.1863757	.0999322	.0004181	1.402404	.4397585	.0066034
Stddev	.090328	.0059019	.0015854	.0002957	.042576	.0064162	.0001022
%RSD	12.60903	3.166685	1.586485	70.72920	3.035920	1.459036	1.548292

#1	-.799876	.1881438	.1010453	.0002272	1.417938	.4463318	.0065394
#2	-.620497	.1797918	.1006345	.0002684	1.354242	.4394317	.0067213
#3	-.728756	.1911915	.0981170	.0007588	1.435032	.4335118	.0065495

Sample Name: J1959-08 Acquired: 3/23/2018 15:35:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE1S0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0087362	.0005743	.0064912
Stddev	.0016169	.0013486	.0000316
%RSD	18.50809	234.8163	.4873700

#1	.0072598	-.000913	.0064591
#2	.0084846	.000917	.0065223
#3	.0104641	.001718	.0064921

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1344.007	2773.804	33141.22	5207.978	3519.094
Stddev	3.519	27.004	62.81	40.828	28.409
%RSD	.2618636	.9735432	.1895162	.7839527	.8072913

#1	1339.970	2770.712	33200.22	5161.623	3513.782
#2	1345.620	2802.221	33075.19	5223.721	3549.785
#3	1346.431	2748.479	33148.26	5238.592	3493.716

Sample Name: J1959-09 Acquired: 3/23/2018 15:39:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE1S1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003460	-.005258	.0461213	.0083470	.0037718	.8640952	.0101288
Stddev	.0031532	.002892	.0009858	.0026386	.0012488	.0179345	.0004835
%RSD	911.4495	55.00314	2.137305	31.61097	33.10763	2.075518	4.773089

#1	-.003058	-.007595	.0468743	.0064346	.0051637	.8741918	.0106707
#2	.003167	-.006155	.0464842	.0072492	.0034018	.8747053	.0099743
#3	.000930	-.002024	.0450056	.0113573	.0027499	.8433884	.0097415

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000445	.0000481	4.183005	.0047430	.0004759	.0246098	1.517136
Stddev	.0000775	.0000637	.012367	.0001901	.0001115	.0013697	.010368
%RSD	173.9000	132.3645	.2956522	4.007776	23.43621	5.565476	.6834249

#1	.0001340	.0001212	4.195449	.0048377	.0005764	.0242043	1.511884
#2	-.000000	.0000181	4.182849	.0048671	.0003559	.0261364	1.510445
#3	.000000	.0000050	4.170716	.0045241	.0004956	.0234887	1.529080

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0224273	1.362771	.0021870	.0004895	3.975487	.0042303	.9366646
Stddev	.0004143	.045323	.0001182	.0000654	.074044	.0027301	.0109320
%RSD	1.847223	3.325788	5.406488	13.35793	1.862508	64.53608	1.167124

#1	.0220791	1.411482	.0020541	.0005640	4.059832	.0057391	.9491276
#2	.0223172	1.321846	.0022263	.0004626	3.945438	.0010788	.9321698
#3	.0228855	1.354985	.0022806	.0004418	3.921192	.0058730	.9286965

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.869093	.2255418	.0960858	.0004946	1.365038	1.360853	.0067189
Stddev	.044215	.0011127	.0023633	.0001471	.007816	.018466	.0005720
%RSD	5.087441	.4933327	2.459578	29.73147	.5725509	1.356939	8.513336

#1	-.901496	.2243928	.0933577	.0005835	1.366966	1.339569	.0062078
#2	-.818723	.2266142	.0975068	.0005755	1.356439	1.370376	.0066121
#3	-.887059	.2256185	.0973929	.0003249	1.371710	1.372613	.0073368

Sample Name: J1959-09 Acquired: 3/23/2018 15:39:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBE1S1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0299511	.0013292	.0111198
Stddev	.0005127	.0007311	.0001086
%RSD	1.711920	55.00100	.9770085

#1	.0294401	.0007728	.0110263
#2	.0304656	.0021572	.0112390
#3	.0299477	.0010577	.0110941

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1318.909	2761.777	32674.62	5064.986	3483.980
Stddev	5.879	4.165	251.68	35.416	6.745
%RSD	.4457317	.1508199	.7702473	.6992396	.1935943

#1	1314.455	2762.984	32480.89	5105.837	3488.169
#2	1325.573	2765.206	32959.08	5046.217	3487.571
#3	1316.700	2757.142	32583.89	5042.904	3476.199

Sample Name: J1987-18DLX2 Acquired: 3/23/2018 16:13:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR85 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2243422	.0030537	.0398640	.0004919	.0113033	86.98822	.6388779
Stddev	.0027272	.0024551	.0004265	.0026770	.0006730	.13105	.0016670
%RSD	1.215630	80.39674	1.069823	544.1819	5.953926	.1506568	.2609254

#1	.2237711	.0017937	.0396433	.0035830	.0107011	86.92291	.6404863
#2	.2219458	.0058829	.0395932	-.001050	.0111790	86.90266	.6389894
#3	.2273097	.0014845	.0403557	-.001057	.0120297	87.13910	.6371579

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040392	.0011438	21.61301	.1188674	.2368531	.4626884	205.3283
Stddev	.0000493	.0000208	.14188	.0011912	.0011967	.0052058	.9973
%RSD	1.219735	1.815010	.6564407	1.002103	.5052567	1.125129	.4857221

#1	.0039852	.0011199	21.76584	.1177071	.2372502	.4584670	206.4662
#2	.0040506	.0011565	21.58770	.1200872	.2355083	.4610929	204.9123
#3	.0040817	.0011551	21.48550	.1188079	.2378008	.4685052	204.6062

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.62029	14.20272	.2003049	.0040821	.9228843	.4771970	.5748881
Stddev	.08195	.04424	.0003877	.0003502	.0283051	.0009939	.0039786
%RSD	.5246396	.3114655	.1935695	8.579312	3.067023	.2082741	.6920726

#1	15.71461	14.24664	.1998579	.0041626	.8918189	.4768677	.5777184
#2	15.56655	14.15817	.2005497	.0036986	.9296203	.4783137	.5766069
#3	15.57970	14.20336	.2005072	.0043850	.9472137	.4764096	.5703390

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.755409	3.304803	.0022414	-.000831	1.201090	5.718826	.0026627
Stddev	.084313	.023787	.0022272	.000080	.009633	.061436	.0013429
%RSD	2.245102	.7197565	99.36777	9.657726	.8020624	1.074272	50.43151

#1	3.827272	3.279498	.0009029	-.000754	1.190749	5.782287	.0011163
#2	3.662596	3.308209	.0048124	-.000826	1.209811	5.659639	.0033376
#3	3.776358	3.326704	.0010088	-.000914	1.202710	5.714551	.0035343

Sample Name: J1987-18DLX2 Acquired: 3/23/2018 16:13:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHR85 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4035663	.0376987	.3148479
Stddev	.0013281	.0006015	.0004484
%RSD	.3290925	1.595560	.1424072

#1	.4045564	.0370099	.3151147
#2	.4020570	.0381207	.3143302
#3	.4040854	.0379655	.3150987

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1388.911	2858.928	34295.29	5448.764	3102.134
Stddev	17.364	4.999	229.01	18.308	4.067
%RSD	1.250192	.1748397	.6677638	.3360120	.1311079

#1	1380.155	2864.699	34249.89	5429.659	3105.892
#2	1377.668	2856.114	34092.38	5466.156	3102.695
#3	1408.910	2855.971	34543.60	5450.477	3097.816

Sample Name: CCV064 Acquired: 3/23/2018 16:17:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV064 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.684145	4.624166	23.03278	4.935612	4.966205	381.0519
Stddev	.020028	.018355	.09030	.024769	.022424	1.9139
%RSD	.4275751	.3969449	.3920351	.5018502	.4515334	.5022682

#1	4.672942	4.640226	23.04697	4.940477	4.963102	378.8545
#2	4.672226	4.604158	22.93623	4.908771	4.945494	381.9474
#3	4.707268	4.628113	23.11514	4.957588	4.990019	382.3540

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.421726	.4540831	2.358076	363.9104	14.28844	2.343964
Stddev	.055479	.0025054	.010050	2.4226	.02062	.010724
%RSD	.5888457	.5517582	.4261909	.6657109	.1443363	.4574994

#1	9.376830	.4522362	2.359849	361.9673	14.30429	2.343077
#2	9.483749	.4569350	2.347257	366.6247	14.26512	2.333711
#3	9.404599	.4530781	2.367121	363.1393	14.29590	2.355103

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.48618	374.2631	16.14361	368.5988	2.387257	1.146013
Stddev	.09497	2.0315	.08355	1.7417	.014649	.006415
%RSD	.6555730	.5428116	.5175282	.4725240	.6136137	.5597263

#1	14.37761	372.6254	16.04714	367.1043	2.385758	1.153417
#2	14.55382	376.5365	16.19253	370.5116	2.373415	1.142140
#3	14.52712	373.6275	16.19116	368.1807	2.402597	1.142481

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	373.5977	2.402076	13.52872	137.1613	F 4.448709	F 4.389362
Stddev	2.0025	.026654	.23004	.6330	.003785	.031404
%RSD	.5360074	1.109639	1.700379	.4615212	.0850703	.7154601

#1	372.5835	2.384355	13.79041	136.5238	4.447096	4.366754
#2	375.9044	2.389143	13.43729	137.7898	4.445999	4.425220
#3	372.3051	2.432729	13.35844	137.1703	4.453033	4.376114

Sample Name: CCV064 Acquired: 3/23/2018 16:17:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV064 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.957358	4.878728	4.293797	4.723366	4.678377	4.908960
Stddev	.022487	.020323	.020838	.016171	.024180	.022262
%RSD	.4536008	.4165567	.4853024	.3423663	.5168521	.4534880

#1	4.959190	4.891033	4.278671	4.722878	4.650531	4.883257
#2	4.934012	4.855271	4.317566	4.707444	4.694068	4.921490
#3	4.978873	4.889881	4.285155	4.739775	4.690531	4.922132

Elem	Sr4077
Units	ppm
Avg	4.880993
Stddev	.015997
%RSD	.3277421

#1	4.862625
#2	4.891866
#3	4.888490

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1113.893	2298.442	29020.00	4781.359	2517.340
Stddev	18.945	8.806	247.95	15.203	9.255
%RSD	1.700830	.3831400	.8544074	.3179551	.3676370

#1	1093.747	2296.877	28735.39	4796.202	2514.232
#2	1116.580	2307.926	29189.28	4765.821	2527.748
#3	1131.351	2290.524	29135.33	4782.055	2510.039

Sample Name: CCB064 Acquired: 3/23/2018 16:21:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB064 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001647	-.000134	-.000539	-.000485	-.000442	.0026228	-.001882
Stddev	.003676	.002718	.000297	.002286	.001596	.0124876	.000523
%RSD	223.2570	2032.301	55.20834	471.0320	360.9914	476.1089	27.80166

#1	.000463	.000320	-.000774	-.003087	-.000887	.0023303	-.002486
#2	-.005891	-.003050	-.000204	.000432	.001330	-.009716	-.001561
#3	.000488	.002328	-.000638	.001200	-.001769	.015254	-.001600

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001421	.0000481	.0156029	.0001869	.0000716	.0021873	.0066940
Stddev	.0000408	.0000853	.0075787	.0002675	.0002903	.0029978	.0054463
%RSD	28.70627	177.3635	48.57193	143.1041	405.2096	137.0596	81.35985

#1	.0001452	.0001382	.0178774	-.000117	.0003898	.0052593	.0118553
#2	.0000998	-.000031	.0071475	.000291	.0000043	-.000730	.0072251
#3	.0001812	.000037	.0217839	.000387	-.000179	.002033	.0010017

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000675	.0028074	-.000080	.0002821	-.285936	.0016969	.0039728
Stddev	.000252	.0252787	.000253	.0001564	.145875	.0042021	.0055912
%RSD	37.35012	900.4463	317.4904	55.44430	51.01648	247.6356	140.7369

#1	-.000407	.0177913	-.000246	.0001591	-.117666	-.001798	.0084251
#2	-.000908	.0170092	-.000205	.0004582	-.376643	.000529	.0057958
#3	-.000711	-.026378	.000211	.0002291	-.363501	.006359	-.002302

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3783320	-.003077	.0009144	.0001640	.0164979	-.017220	.0001409
Stddev	.0751137	.000757	.0011563	.0001147	.0033546	.001190	.0005420
%RSD	19.85390	24.61381	126.4508	69.91565	20.33328	6.912151	384.5826

#1	.3948616	-.003880	.0021985	.0001444	.0147310	-.018593	-.000052
#2	.2963303	-.002376	-.000045	.0000604	.0203666	-.016472	-.000278
#3	.4438042	-.002976	.000589	.0002872	.0143961	-.016596	.000753

Sample Name: CCB064 Acquired: 3/23/2018 16:21:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB064 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010928	-.000366	-.000007
Stddev	.0002226	.000857	.000040
%RSD	20.37356	234.3520	601.2067

#1	.0009212	-.001235	-.000046
#2	.0010129	.000479	-.000010
#3	.0013444	-.000342	.000035

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1324.699	2756.302	32096.18	4986.527	3372.841
Stddev	8.111	12.992	504.80	5.282	9.087
%RSD	.6122886	.4713446	1.572765	.1059316	.2694045

#1	1315.857	2746.491	31811.59	4980.427	3362.476
#2	1326.445	2751.380	31797.92	4989.630	3376.618
#3	1331.794	2771.036	32679.01	4989.523	3379.430

Sample Name: J1957-07 Acquired: 3/23/2018 16:52:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1015S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0374407	.0552126	.0216013	.0598121	.1096842	2.085634	2.169819
Stddev	.0025094	.0040064	.0012556	.0019988	.0013607	.021061	.003526
%RSD	6.702252	7.256408	5.812585	3.341815	1.240535	1.009834	.1624904

#1	.0397993	.0574694	.0226186	.0590051	.1112058	2.061958	2.166925
#2	.0377192	.0575815	.0201980	.0583430	.1092625	2.092658	2.173746
#3	.0348038	.0505868	.0219873	.0620883	.1085842	2.102285	2.168785

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0569028	.0554191	7.430952	.2325446	.5200029	.2904666	1.181618
Stddev	.0005974	.0000964	.025547	.0007993	.0005540	.0037543	.009409
%RSD	1.049802	.1738767	.3437872	.3437081	.1065333	1.292488	.7962838

#1	.0562244	.0555245	7.450806	.2334557	.5205041	.2863233	1.178661
#2	.0573504	.0553971	7.439919	.2322167	.5200966	.2936423	1.192150
#3	.0571335	.0553356	7.402130	.2319614	.5194081	.2914344	1.174042

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5739464	.6598607	.5389815	.0516365	52.62218	.5848361	.5506403
Stddev	.0013071	.0352638	.0007311	.0003660	.12793	.0086816	.0131702
%RSD	.2277328	5.344132	.1356535	.7087960	.2431139	1.484446	2.391791

#1	.5754169	.6209279	.5397939	.0513819	52.47604	.5794367	.5394557
#2	.5735057	.6689967	.5387744	.0514715	52.67658	.5948505	.5651563
#3	.5729167	.6896575	.5383763	.0520559	52.71393	.5802212	.5473088

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.220097	.0071500	.2657195	.0016572	10.58593	1.769846	-.000877
Stddev	.103864	.0021451	.0008265	.0001363	.04178	.023150	.000692
%RSD	8.512781	30.00093	.3110461	8.223871	.3946904	1.308010	78.84669

#1	1.314795	.0087859	.2647864	.0016403	10.63213	1.743211	-.000293
#2	1.109014	.0079426	.2660126	.0015301	10.57484	1.785121	-.000698
#3	1.236483	.0047214	.2663595	.0018012	10.55080	1.781207	-.001641

Sample Name: J1957-07 Acquired: 3/23/2018 16:52:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC1015S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0012198	-.000707	.0418725
Stddev	.0007996	.001394	.0002557
%RSD	65.54990	197.2507	.6107590

#1	.0014487	-.000049	.0416025
#2	.0003307	.000237	.0421111
#3	.0018799	-.002308	.0419038

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1379.598	2855.828	32953.33	5013.259	3418.627
Stddev	3.994	2.585	63.25	37.726	1.832
%RSD	.2895319	.0905173	.1919249	.7525167	.0535790

#1	1384.196	2856.450	32984.86	5056.819	3417.012
#2	1377.615	2858.046	32994.62	4991.862	3418.252
#3	1376.983	2852.989	32880.52	4991.097	3420.617

Sample Name: J1958-04 Acquired: 3/23/2018 16:56:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1016S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0387044	.0579689	.0244544	.0623299	.1100942	2.575916	2.227753
Stddev	.0009573	.0041482	.0007024	.0008016	.0027379	.023660	.008203
%RSD	2.473304	7.155950	2.872425	1.286028	2.486881	.9185046	.3682068

#1	.0383198	.0563853	.0251718	.0624618	.1073219	2.556652	2.219436
#2	.0397942	.0626757	.0237680	.0614706	.1127963	2.602325	2.235836
#3	.0379992	.0548459	.0244235	.0630574	.1101645	2.568772	2.227988

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0570641	.0571524	7.060958	.2401480	.5378464	.2989798	1.671746
Stddev	.0004821	.0001769	.054365	.0011046	.0022249	.0013860	.015873
%RSD	.8448024	.3094697	.7699396	.4599740	.4136708	.4635879	.9494799

#1	.0565075	.0570088	7.009480	.2407514	.5375315	.2982293	1.679993
#2	.0573520	.0570984	7.117811	.2388731	.5357957	.3005792	1.653447
#3	.0573326	.0573500	7.055584	.2408195	.5402120	.2981308	1.681798

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5882538	.6434506	.5565494	.0527660	50.85163	.5968338	.5616343
Stddev	.0050135	.0265461	.0020467	.0003986	.43121	.0086964	.0109092
%RSD	.8522667	4.125587	.3677476	.7553235	.8479687	1.457091	1.942406

#1	.5825127	.6127982	.5555090	.0524293	50.41593	.5969868	.5742153
#2	.5904798	.6586343	.5552319	.0532060	51.27820	.6054528	.5547967
#3	.5917688	.6589193	.5589073	.0526626	50.86077	.5880620	.5558908

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.170114	.0115312	.2547078	.0015216	10.52975	2.308529	-.000069
Stddev	.064833	.0012386	.0036352	.0002298	.03715	.031741	.000307
%RSD	5.540763	10.74109	1.427214	15.10051	.3528422	1.374966	444.9717

#1	1.095640	.0129603	.2505289	.0014661	10.52300	2.273899	-.000149
#2	1.200759	.0107676	.2571403	.0017741	10.49643	2.336240	-.000328
#3	1.213945	.0108657	.2564540	.0013247	10.56981	2.315449	.000270

Sample Name: J1958-04 Acquired: 3/23/2018 16:56:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC1016S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0124773	-.000237	.0401683
Stddev	.0009332	.000907	.0003717
%RSD	7.479475	382.4732	.9252205

#1	.0116299	-.000150	.0397743
#2	.0134775	.000623	.0405126
#3	.0123246	-.001184	.0402180

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1393.636	2882.840	33287.37	5082.844	3437.854
Stddev	11.776	5.001	181.51	36.595	10.032
%RSD	.8449781	.1734600	.5452835	.7199661	.2918097

#1	1382.933	2880.157	33091.64	5114.921	3438.941
#2	1391.724	2888.610	33320.33	5042.984	3447.298
#3	1406.251	2879.753	33450.15	5090.628	3427.323

Sample Name: J1968-05A Acquired: 3/23/2018 17:24:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA5A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0201740	-.044060	.1363919	.0192601	.0420949	163.4611	1.961756
Stddev	.0015061	.004634	.0022987	.0036706	.0017979	1.0889	.008082
%RSD	7.465352	10.51669	1.685368	19.05792	4.271149	.6661622	.4119552

#1	.0210928	-.048538	.1362858	.0151758	.0403040	162.5668	1.960943
#2	.0209933	-.044358	.1341481	.0203218	.0420809	164.6737	1.970214
#3	.0184359	-.039285	.1387418	.0222829	.0438998	163.1428	1.954113

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0216934	.0093244	-2.80645	.3074610	.2295616	.0414326	218.9418
Stddev	.0000652	.0001704	.03918	.0010296	.0016827	.0009442	.9709
%RSD	.3006770	1.827930	1.396012	.3348854	.7330050	2.278823	.4434565

#1	.0216192	.0092778	-2.83345	.3067650	.2289521	.0409369	218.5707
#2	.0217415	.0095133	-2.82438	.3069743	.2282685	.0408395	220.0435
#3	.0217197	.0091821	-2.76151	.3086438	.2314641	.0425214	218.2112

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.637142	49.14608	.2769482	.0030032	1.039666	.5439707	1.071802
Stddev	.022911	.33191	.0007500	.0001075	.062823	.0023587	.011302
%RSD	.4940731	.6753609	.2708240	3.577697	6.042580	.4336030	1.054462

#1	4.629721	49.02675	.2763804	.0029152	.987083	.5417341	1.084513
#2	4.662843	49.52116	.2777984	.0031229	1.022679	.5464350	1.062887
#3	4.618861	48.89033	.2766658	.0029716	1.109235	.5437431	1.068006

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	62.65276	2.002309	-.014118	.0001094	.4041947	7.556205	-.004906
Stddev	.37278	.024583	.003707	.0003646	.0006689	.051875	.002324
%RSD	.5950011	1.227724	26.25486	333.1836	.1654922	.6865269	47.36550

#1	62.49086	2.019571	-.011846	.0004334	.4034387	7.541958	-.006868
#2	63.07912	1.974163	-.012112	-.000285	.4047095	7.613715	-.002340
#3	62.38830	2.013193	-.018395	.000180	.4044359	7.512941	-.005508

Sample Name: J1968-05A Acquired: 3/23/2018 17:24:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AA5A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	14.36094	.0360008	.0062403
Stddev	.09081	.0001044	.0000799
%RSD	.6323300	.2900740	1.279799

#1	14.29279	.0359815	.0061632
#2	14.46403	.0361135	.0063226
#3	14.32600	.0359074	.0062350

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3214.176	6575.658	78402.54	12369.77	2931.889
Stddev	32.017	10.534	587.07	49.55	8.415
%RSD	.9961136	.1602007	.7487932	.4005983	.2870322

#1	3178.551	6563.710	77834.68	12369.84	2927.075
#2	3223.430	6583.609	78365.83	12320.17	2941.606
#3	3240.546	6579.656	79007.10	12419.28	2926.985

Sample Name: CCV065 Acquired: 3/23/2018 17:28:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV065 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.971761	4.921562	24.27183	5.204041	5.181979	376.3922	9.900269
Stddev	.030331	.040143	.04888	.014703	.018276	1.1597	.058881
%RSD	.6100650	.8156522	.2013766	.2825362	.3526908	.3081157	.5947455

#1	4.954031	4.888595	24.25698	5.198468	5.170817	375.6776	9.940039
#2	4.954470	4.909825	24.23210	5.192940	5.172049	377.7303	9.832626
#3	5.006784	4.966265	24.32641	5.220717	5.203071	375.7688	9.928141

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4716018	2.468607	363.0507	14.96452	2.460446	15.25262	364.6160
Stddev	.0022210	.004972	1.8547	.01878	.003661	.01817	1.9434
%RSD	.4709471	.2013993	.5108769	.1254766	.1488142	.1191371	.5330053

#1	.4739353	2.464564	363.8903	14.96287	2.460640	15.24925	364.9951
#2	.4713562	2.467100	360.9246	14.94662	2.456692	15.27224	362.5110
#3	.4695138	2.474158	364.3371	14.98407	2.464007	15.23636	366.3420

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.97632	369.5152	2.496732	1.198534	365.8386	2.549624	13.55533
Stddev	.07395	2.5321	.001868	.004514	2.3143	.018581	.29862
%RSD	.5291037	.6852422	.0748275	.3765865	.6326111	.7287632	2.202975

#1	13.96068	369.7509	2.496283	1.194574	367.4714	2.530023	13.24486
#2	13.91145	366.8735	2.495130	1.203448	363.1900	2.566980	13.84049
#3	14.05684	371.9211	2.498784	1.197580	366.8542	2.551870	13.58064

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	143.1148	4.849808	4.606191	5.155169	5.217847	4.503195	4.972896
Stddev	.1980	.032942	.019180	.014316	.035052	.008692	.008634
%RSD	.1383277	.6792343	.4164002	.2777000	.6717768	.1930218	.1736287

#1	143.2973	4.850807	4.627683	5.139294	5.224530	4.511284	4.963779
#2	143.1426	4.816379	4.600074	5.159116	5.179934	4.494005	4.973958
#3	142.9043	4.882239	4.590815	5.167098	5.249076	4.504298	4.980950

Sample Name: CCV065 Acquired: 3/23/2018 17:28:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV065 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.949875	5.139084	5.105215
Stddev	.020314	.011437	.038780
%RSD	.4103901	.2225431	.7596081

#1	4.931979	5.145587	5.148236
#2	4.971955	5.125879	5.072944
#3	4.945691	5.145786	5.094467

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1132.923	2356.456	29548.58	4855.740	2565.054
Stddev	8.359	5.197	91.11	24.193	3.464
%RSD	.7378411	.2205503	.3083426	.4982258	.1350287

#1	1139.629	2361.084	29626.04	4827.866	2568.139
#2	1123.558	2357.450	29448.20	4871.275	2565.715
#3	1135.581	2350.833	29571.50	4868.079	2561.307

Sample Name: CCB065 Acquired: 3/23/2018 17:32:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB065 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004894	-.000708	.0000745	.0007509	-.002349	.0004238	-.002224
Stddev	.002169	.000430	.0014271	.0004596	.001102	.0015373	.000223
%RSD	44.31703	60.80180	1914.170	61.20824	46.92503	362.7277	10.00927

#1	-.002548	-.000748	-.001351	.0004414	-.002980	.0021756	-.002034
#2	-.006827	-.000258	.000071	.0005322	-.002991	-.000204	-.002168
#3	-.005306	-.001116	.001504	.0012790	-.001076	-.000700	-.002469

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001958	.0000531	.0000665	.0003134	.0001851	.0019465	.0042324
Stddev	.0000940	.0000222	.0057028	.0002822	.0000661	.0001644	.0057410
%RSD	48.03481	41.77713	8578.964	90.02530	35.69253	8.447959	135.6460

#1	.0000962	.0000287	.0021950	.0000433	.0002583	.0021189	.0042991
#2	.0002831	.0000721	.0043989	.0002908	.0001297	.0017913	.0099397
#3	.0002081	.0000585	-.006394	.0006062	.0001674	.0019294	-.001542

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000015	.0168677	.0001414	-.000012	-.257077	.0000913	-.003125
Stddev	.000401	.0130620	.0003019	.000329	.100718	.0040352	.002971
%RSD	2655.277	77.43780	213.4849	2849.174	39.17811	4419.478	95.09985

#1	-.000478	.0243543	.0002061	.000360	-.366192	.0042677	.000300
#2	.000207	.0017852	-.000188	-.000263	-.167670	-.000208	-.004649
#3	.000226	.0244638	.000406	-.000132	-.237367	-.003786	-.005024

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2980657	-.004210	.0012690	.0001759	.0142571	-.016868	-.000627
Stddev	.0666028	.002392	.0003323	.0000948	.0007919	.000082	.000454
%RSD	22.34501	56.81184	26.18830	53.88852	5.554225	.4846515	72.42267

#1	.2595390	-.006226	.0009252	.0000895	.0135558	-.016776	-.000469
#2	.2596862	-.004837	.0015885	.0002774	.0151159	-.016932	-.001138
#3	.3749720	-.001567	.0012932	.0001610	.0140996	-.016896	-.000272

Sample Name: CCB065 Acquired: 3/23/2018 17:32:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v469) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB065 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0025091	-.000174	-.000037
Stddev	.0006268	.000765	.000025
%RSD	24.97929	439.4077	67.98842

#1	.0018833	.000423	-.000064
#2	.0025072	.000091	-.000032
#3	.0031368	-.001036	-.000014

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1354.533	2800.057	32859.02	5098.486	3417.639
Stddev	11.487	14.626	212.30	16.166	17.093
%RSD	.8480532	.5223456	.6460862	.3170716	.5001369

#1	1347.021	2790.244	32679.95	5081.324	3399.423
#2	1348.823	2793.060	32803.57	5100.709	3420.168
#3	1367.757	2816.867	33093.54	5113.426	3433.327