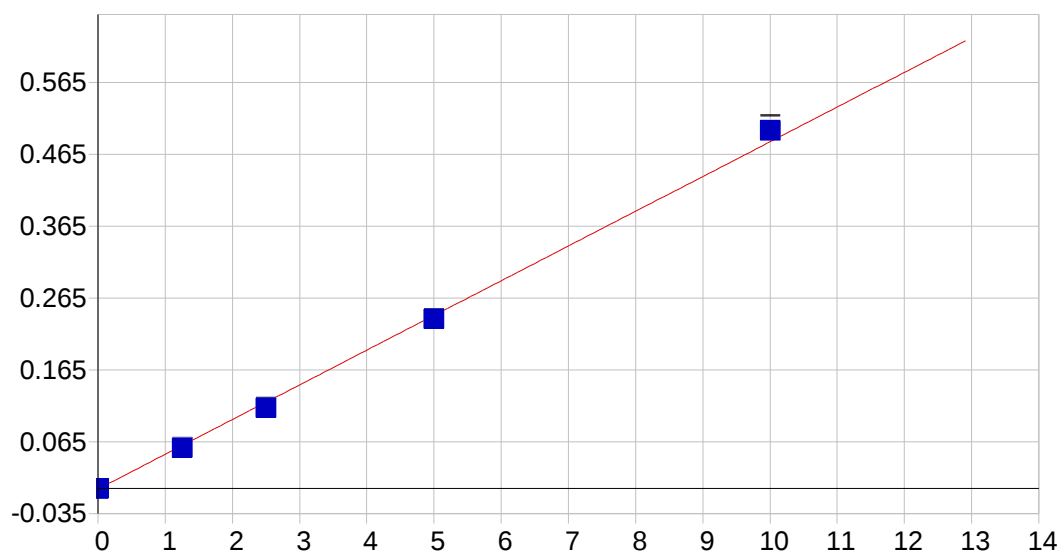




As 189.042 {479}

Date of Fit: 7/20/2018 17:17:22

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000719

Re-Slope: 1.000000

A1 (Gain): 0.048343

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999327

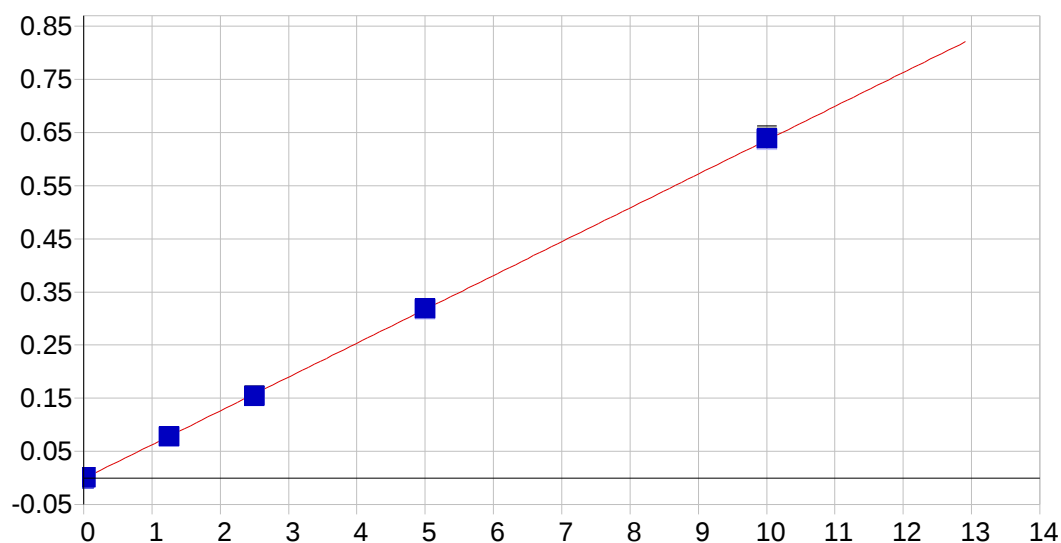
Status: OK.

Std Error of Est: 0.000030

Predicted MDL: 0.003461

Predicted MQL: 0.011537

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00072	.000	1
S1	.01000	.01034	.000	3.42	-.00022	.000	1
S2	1.2500	1.1939	-.056	-4.49	.05714	.001	1
S3	2.5000	2.3391	-.161	-6.44	.11264	.001	1
S4	5.0000	4.8952	-.105	-2.10	.23650	.001	1
S5	10.000	10.321	.321	3.21	.49939	.007	1



TI 190.856 {477}

Date of Fit: 7/20/2018 17:17:22

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001198

Re-Slope: 1.000000

A1 (Gain): 0.063688

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999949

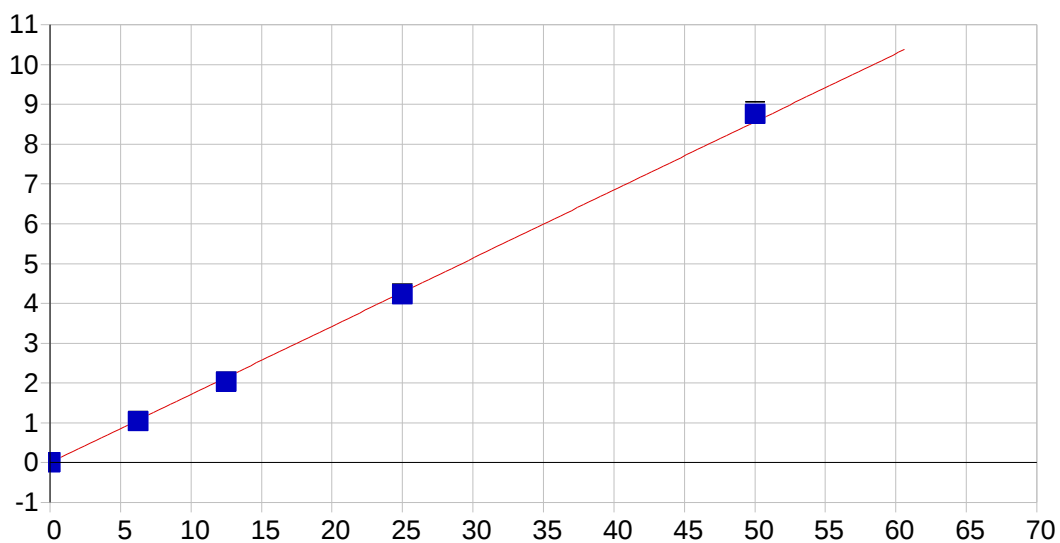
Status: OK.

Std Error of Est: 0.000017

Predicted MDL: 0.002696

Predicted MQL: 0.008987

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00120	.000	1
S1	.02500	.02437	-.001	-2.54	.00033	.000	1
S2	1.2500	1.2434	-.007	-.529	.07751	.000	1
S3	2.5000	2.4383	-.062	-2.47	.15313	.001	1
S4	5.0000	5.0164	.016	.329	.31637	.001	1
S5	10.000	10.053	.053	.525	.63518	.005	1

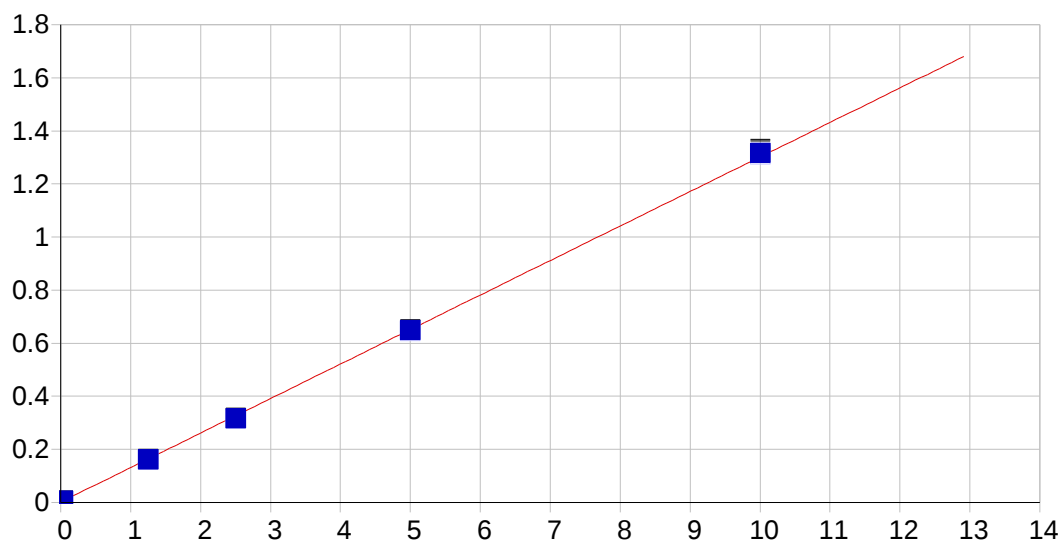


Pb 220.353 {453}

Date of Fit: 7/20/2018 17:17:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000190 Re-Slope: 1.000000
 A1 (Gain): 0.171204 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999614 Status: OK.
 Std Error of Est: 0.000179
 Predicted MDL: 0.002142
 Predicted MQL: 0.007140

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00019	.000	1
S1	.01000	.01127	.001	12.7	.00213	.000	1
S2	6.2500	6.0647	-.185	-2.96	1.0400	.003	1
S3	12.500	11.830	-.670	-5.36	2.0284	.007	1
S4	25.000	24.689	-.311	-1.24	4.2330	.016	1
S5	50.000	51.165	1.17	2.33	8.7717	.051	1

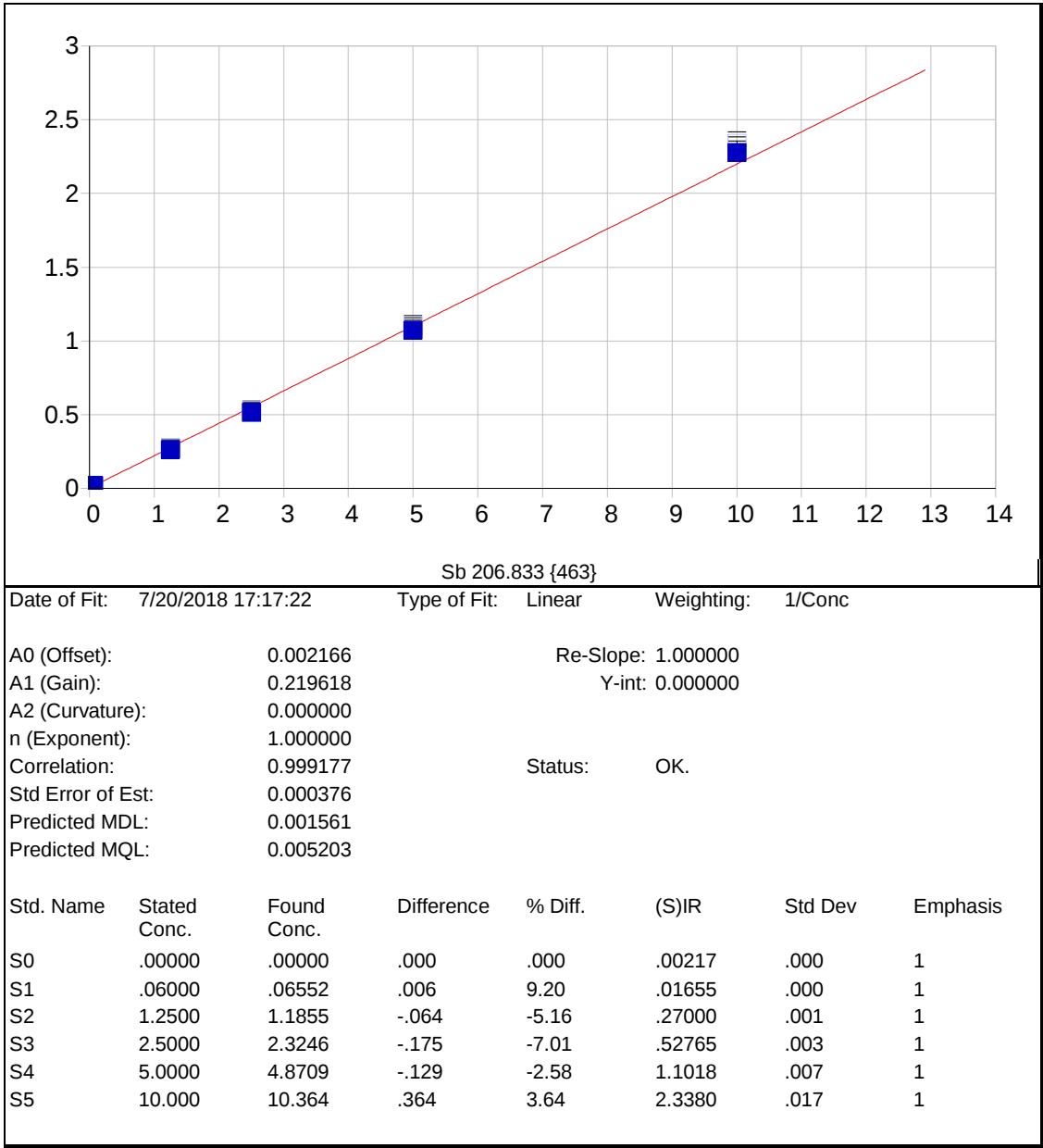


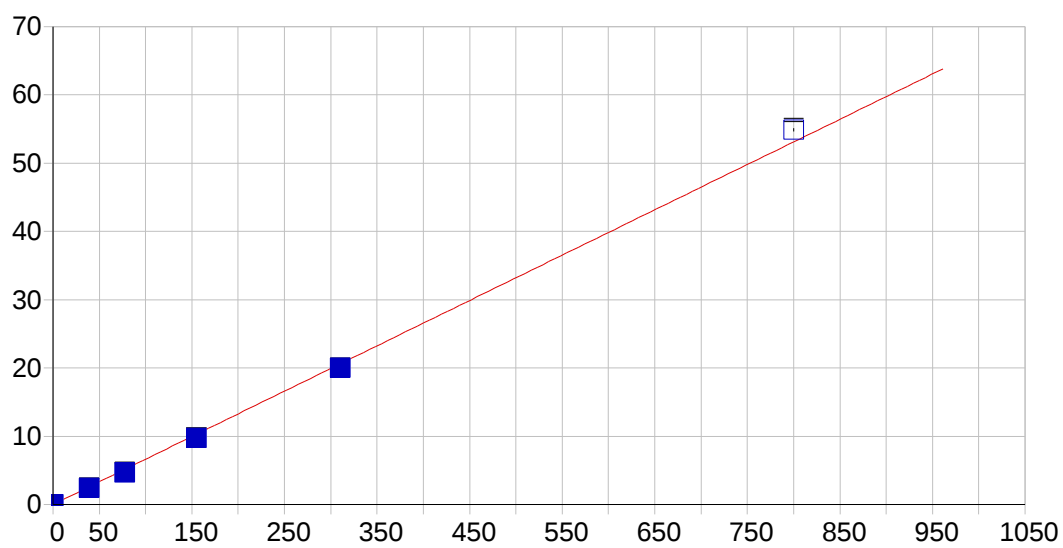
Se 196.090 {472}

Date of Fit: 7/20/2018 17:17:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001522 Re-Slope: 1.000000
 A1 (Gain): 0.130015 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999888 Status: OK.
 Std Error of Est: 0.000061
 Predicted MDL: 0.002080
 Predicted MQL: 0.006933

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00152	.000	1
S1	.03500	.03830	.003	9.44	.00650	.000	1
S2	1.2500	1.2326	-.017	-1.39	.16102	.001	1
S3	2.5000	2.4247	-.075	-3.01	.31524	.001	1
S4	5.0000	4.9780	-.022	-.439	.64570	.002	1
S5	10.000	10.111	.111	1.11	1.3100	.014	1



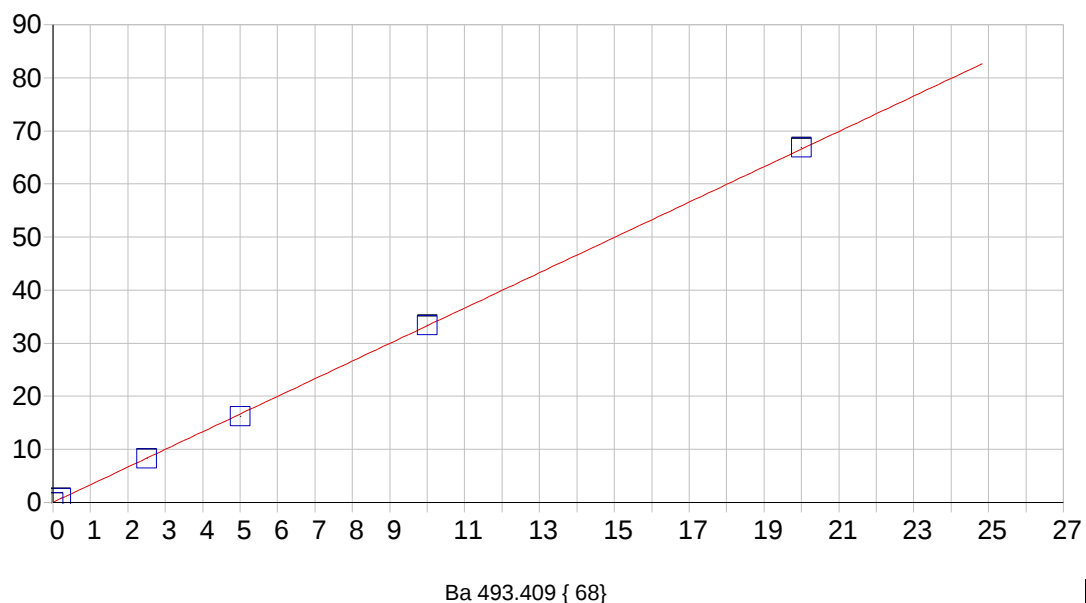


AI 396.152 { 85}

Date of Fit: 7/20/2018 17:17:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004352 Re-Slope: 1.000000
 A1 (Gain): 0.066397 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999136 Status: OK.
 Std Error of Est: 0.001717
 Predicted MDL: 0.018689
 Predicted MQL: 0.062295

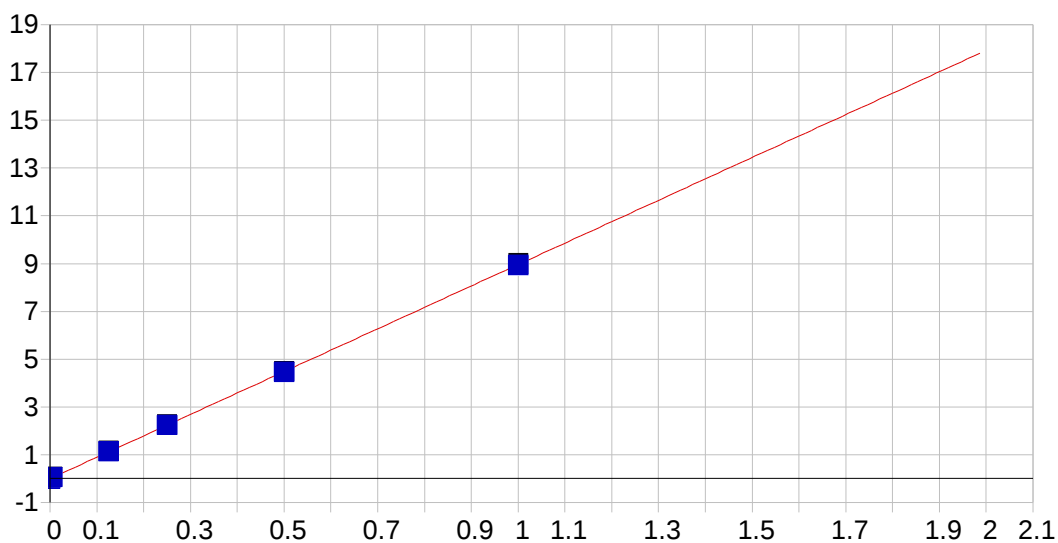
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00435	.002	1
S1	.20000	.22366	.024	11.8	.01922	.001	1
S2	38.750	36.277	-2.47	-6.38	2.4154	.019	1
S3	77.500	70.640	-6.86	-8.85	4.6994	.011	1
S4	155.00	146.68	-8.32	-5.37	9.7527	.027	1
S5	310.00	300.79	-9.21	-2.97	19.995	.022	1
S6	800.00	826.87	26.9	3.36	54.906	.232	1



Date of Fit: 7/20/2018 17:17:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.020225 Re-Slope: 1.000000
 A1 (Gain): 3.327109 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999888 Status: OK.
 Std Error of Est: 0.005284
 Predicted MDL: 0.000920
 Predicted MQL: 0.003068

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.02014	.002	1
S1	.20000	.23034	.030	15.2	.78658	.002	1
S2	2.5000	2.4872	-.013	-.513	8.2953	.018	1
S3	5.0000	4.8714	-.129	-2.57	16.228	.019	1
S4	10.000	10.024	.024	.241	33.372	.102	1
S5	20.000	20.087	.087	.435	66.852	.095	1



Be 234.861 {144}

Date of Fit: 7/20/2018 17:17:22

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.004088

Re-Slope: 1.000000

A1 (Gain): 8.964215

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999961

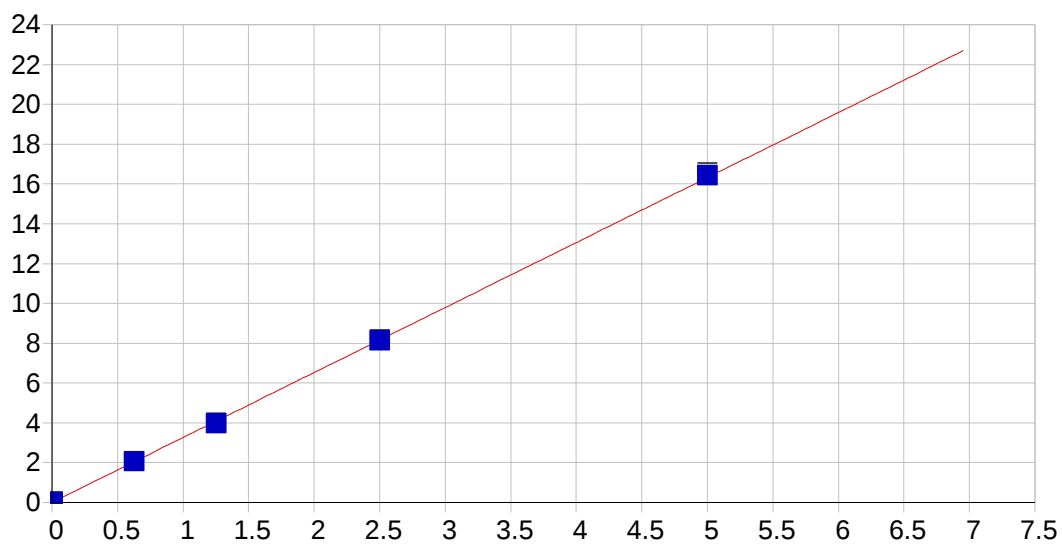
Status: OK.

Std Error of Est: 0.000295

Predicted MDL: 0.000073

Predicted MQL: 0.000242

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00409	.000	1
S1	.00500	.00574	.001	14.8	.04731	.001	1
S2	.12500	.12696	.002	1.57	1.1291	.015	1
S3	.25000	.24994	.000	-.022	2.2267	.031	1
S4	.50000	.49910	-.001	-.179	4.4504	.008	1
S5	1.0000	.99825	-.002	-.175	8.9053	.066	1

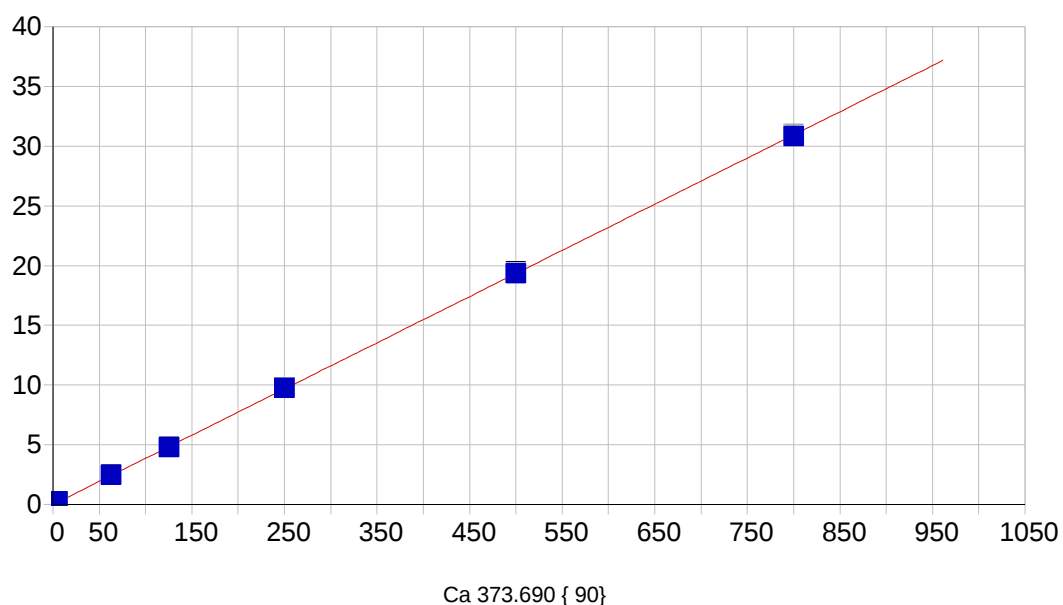


Cd 214.438 {457}

Date of Fit: 7/20/2018 17:17:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001387 Re-Slope: 1.000000
 A1 (Gain): 3.263825 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999928 Status: OK.
 Std Error of Est: 0.000329
 Predicted MDL: 0.000094
 Predicted MQL: 0.000312

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00138	.000	1
S1	.00500	.00609	.001	21.8	.02128	.000	1
S2	.62500	.63115	.006	.983	2.0655	.009	1
S3	1.2500	1.2186	-.031	-2.51	3.9871	.009	1
S4	2.5000	2.4902	-.010	-.391	8.1458	.035	1
S5	5.0000	5.0339	.034	.678	16.465	.086	1



Date of Fit: 7/20/2018 17:17:22

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001674

Re-Slope: 1.000000

A1 (Gain): 0.038673

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999950

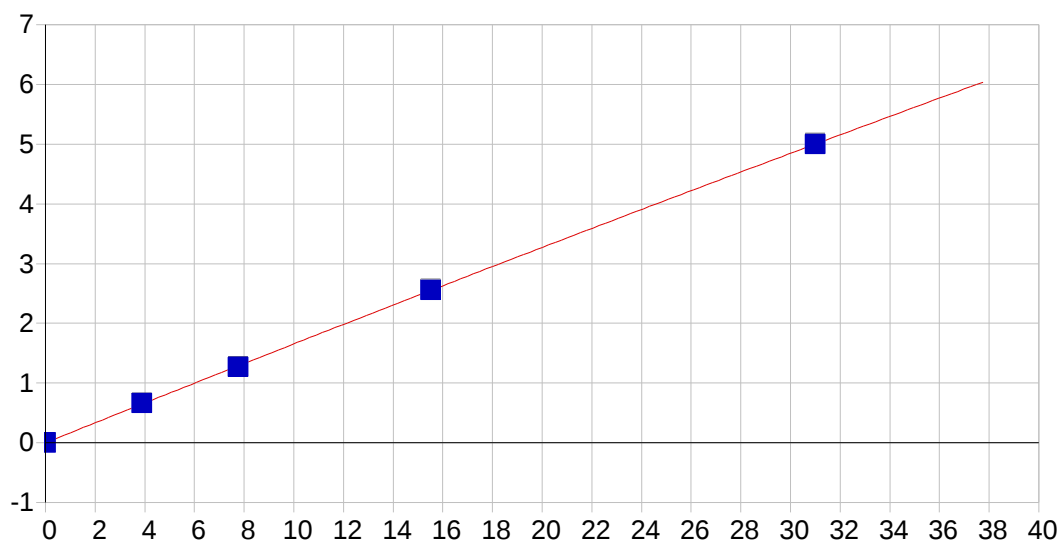
Status: OK.

Std Error of Est: 0.001360

Predicted MDL: 0.023424

Predicted MQL: 0.078078

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00080	-.001	.000	.00164	.000	1
S1	5.0000	5.7008	.701	14.0	.22216	.000	1
S2	62.500	64.015	1.51	2.42	2.4859	.006	1
S3	125.00	123.80	-1.20	-.963	4.8064	.002	1
S4	250.00	251.94	1.94	.775	9.7792	.020	1
S5	500.00	500.49	.488	.098	19.426	.083	1
S6	800.00	796.57	-3.43	-.428	30.991	.020	1

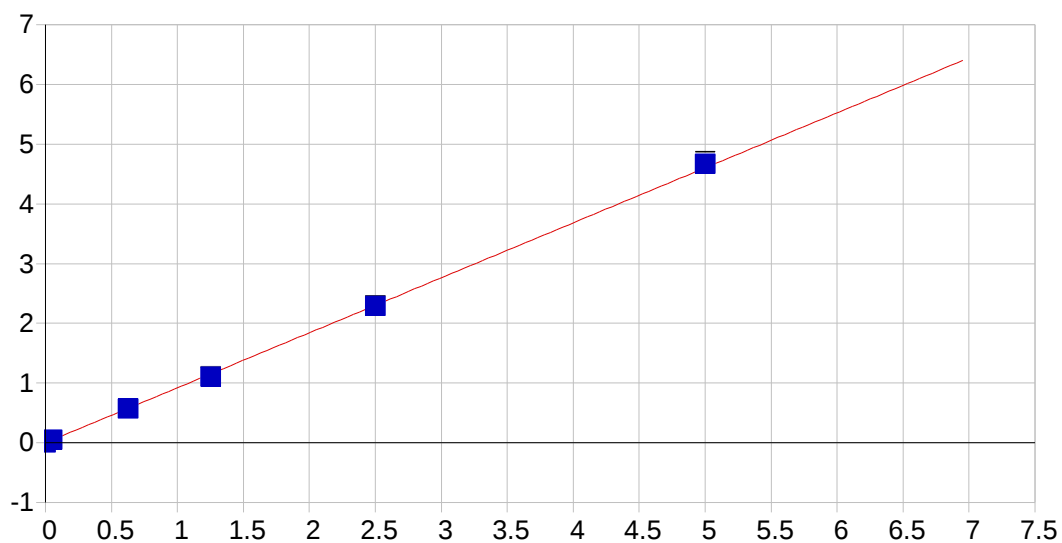


Cr 267.716 {126}

Date of Fit: 7/20/2018 17:17:22 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000033 Re-Slope: 1.000000
 A1 (Gain): 0.167571 Y-int: 0.000000
 A2 (Curvature): -0.000201
 n (Exponent): 1.000000
 Correlation: 0.999962 Status: OK.
 Std Error of Est: 0.000048
 Predicted MDL: 0.000622
 Predicted MQL: 0.002073

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00003	.000	1
S1	.01000	.01185	.002	18.5	.00202	.000	1
S2	3.8750	3.9502	.075	1.94	.65998	.003	1
S3	7.7500	7.6182	-.132	-1.70	1.2672	.003	1
S4	15.500	15.562	.062	.402	2.5636	.009	1
S5	31.000	30.992	-.008	-.024	5.0091	.008	1



Co 228.616 {448}

Date of Fit: 7/20/2018 17:17:22

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000541

Re-Slope: 1.000000

A1 (Gain): 0.920764

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999781

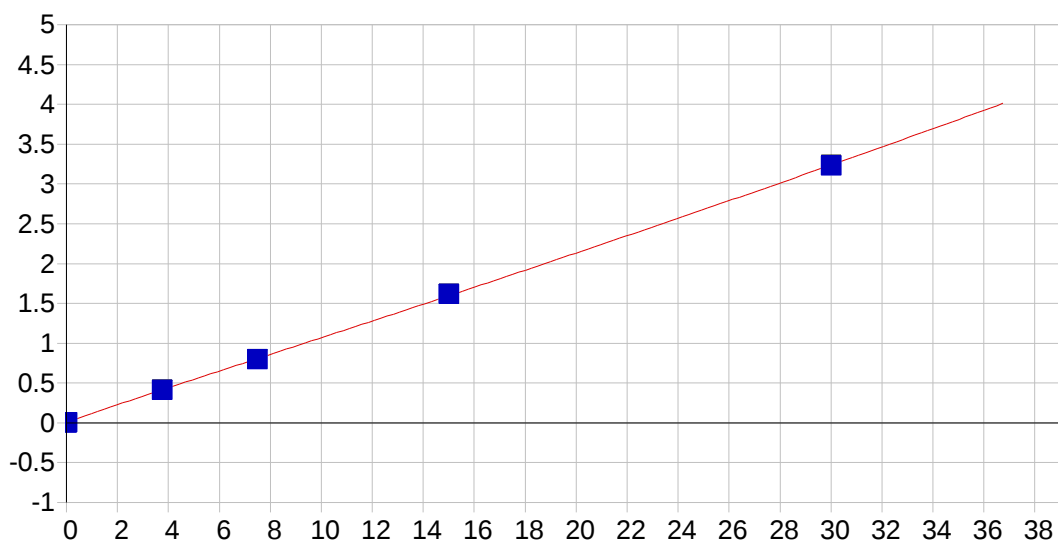
Status: OK.

Std Error of Est: 0.000514

Predicted MDL: 0.000320

Predicted MQL: 0.001066

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00054	.000	1
S1	.05000	.05655	.007	13.1	.05170	.000	1
S2	.62500	.61551	-.009	-1.52	.56734	.002	1
S3	1.2500	1.2001	-.050	-4.00	1.1067	.002	1
S4	2.5000	2.4815	-.019	-.741	2.2889	.009	1
S5	5.0000	5.0714	.071	1.43	4.6781	.031	1



Cu 324.754 {104}

Date of Fit: 7/20/2018 17:17:22

Type of Fit: Full Fit

Weighting: 1/Conc

A0 (Offset): 0.000146

Re-Slope: 1.000000

A1 (Gain): 0.117357

Y-int: 0.000000

A2 (Curvature): 0.000613

n (Exponent): 0.940000

Correlation: 0.999956

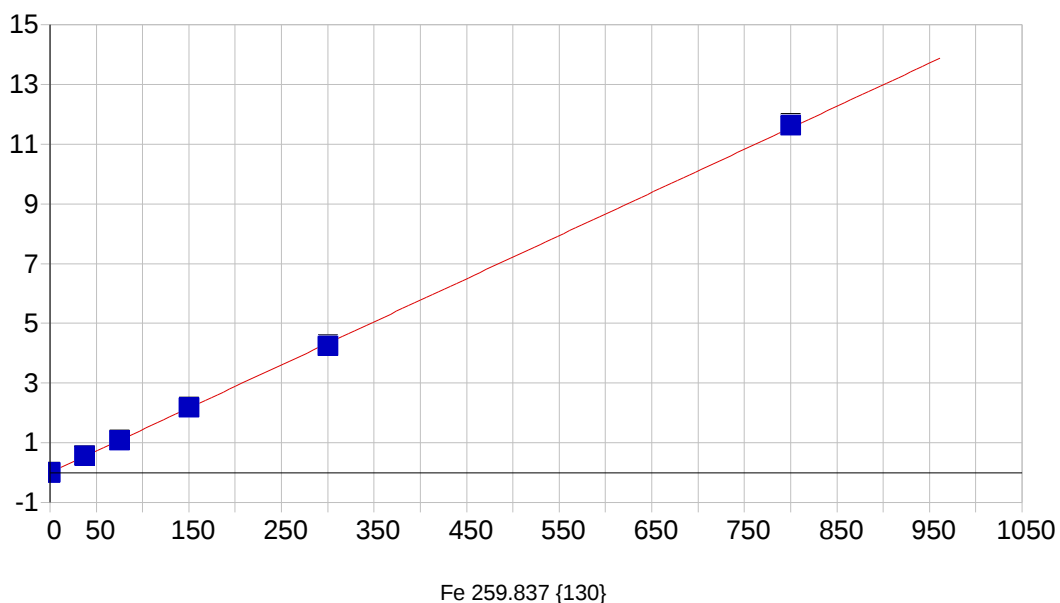
Status: Warning Positive Curvature

Std Error of Est: 0.000066

Predicted MDL: 0.005354

Predicted MQL: 0.017848

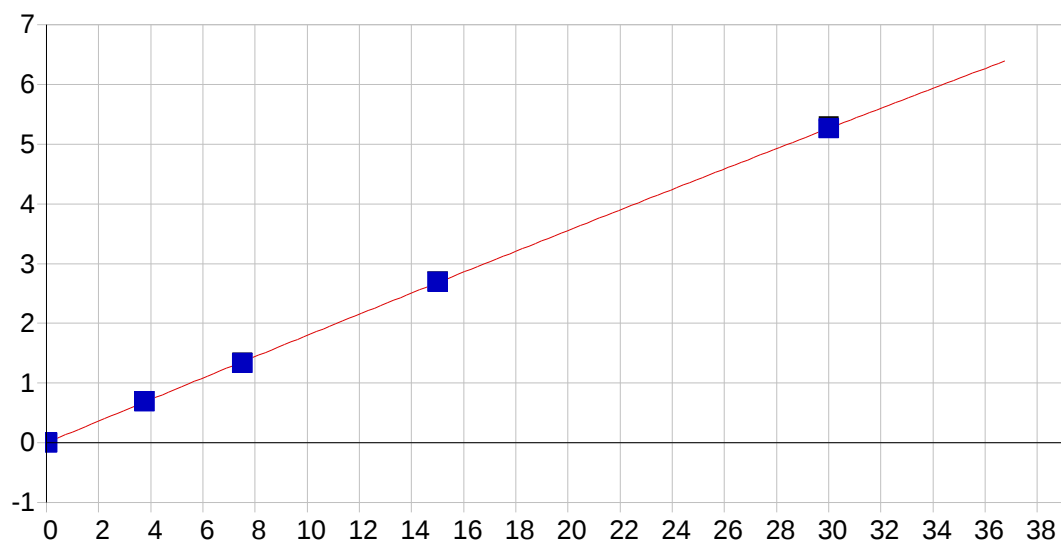
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00015	.000	1
S1	.02500	.02849	.003	13.9	.00428	.001	1
S2	3.7500	3.7447	-.005	-.142	.41320	.001	1
S3	7.5000	7.3793	-.121	-1.61	.79400	.000	1
S4	15.000	15.185	.185	1.23	1.6146	.003	1
S5	30.000	29.939	-.061	-.202	3.2285	.006	1



Date of Fit: 7/20/2018 17:17:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000084 Re-Slope: 1.000000
 A1 (Gain): 0.014432 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999932 Status: OK.
 Std Error of Est: 0.000074
 Predicted MDL: 0.020576
 Predicted MQL: 0.068587

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00008	.000	1
S1	.10000	.12033	.020	20.3	.00185	.000	1
S2	37.500	38.659	1.16	3.09	.56092	.004	1
S3	75.000	74.653	-.347	-.463	1.0833	.003	1
S4	150.00	150.48	.475	.317	2.1834	.007	1
S5	300.00	294.08	-5.92	-1.97	4.2676	.014	1
S6	800.00	804.61	4.61	.576	11.665	.036	1

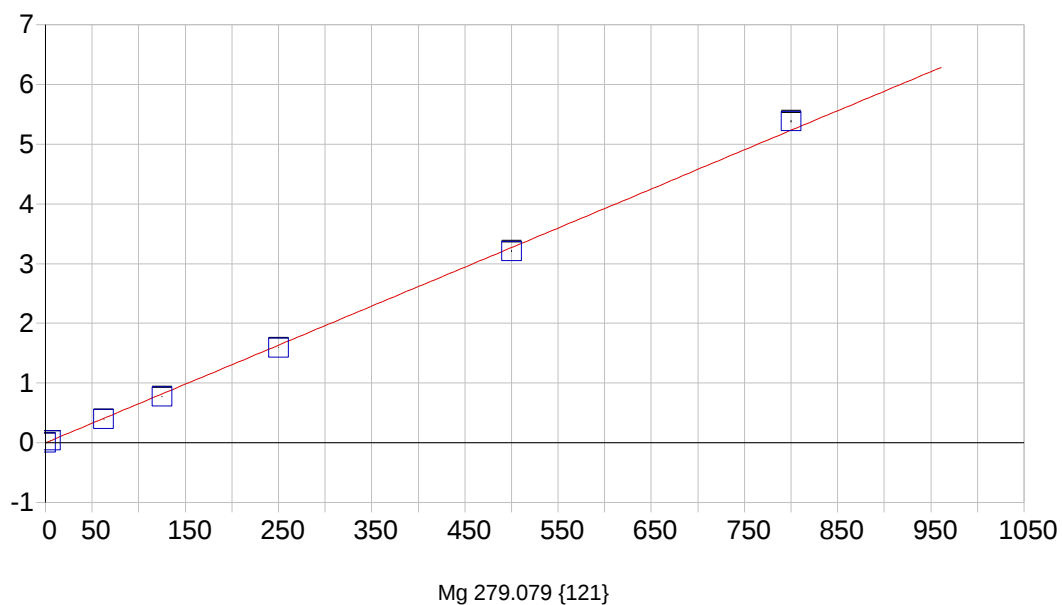


Mn 257.610 {131}

Date of Fit: 7/20/2018 17:17:22 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000091 Re-Slope: 1.000000
 A1 (Gain): 0.182145 Y-int: 0.000000
 A2 (Curvature): -0.000224
 n (Exponent): 1.000000
 Correlation: 0.999968 Status: OK.
 Std Error of Est: 0.000058
 Predicted MDL: 0.001421
 Predicted MQL: 0.004738

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00009	.000	1
S1	.01500	.01858	.004	23.9	.00329	.000	1
S2	3.7500	3.8098	.060	1.59	.69075	.003	1
S3	7.5000	7.3940	-.106	-1.41	1.3348	.002	1
S4	15.000	15.047	.047	.314	2.6906	.009	1
S5	30.000	29.996	-.004	-.015	5.2635	.024	1



Date of Fit: 7/20/2018 17:17:22

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000136

Re-Slope: 1.000000

A1 (Gain): 0.006539

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999580

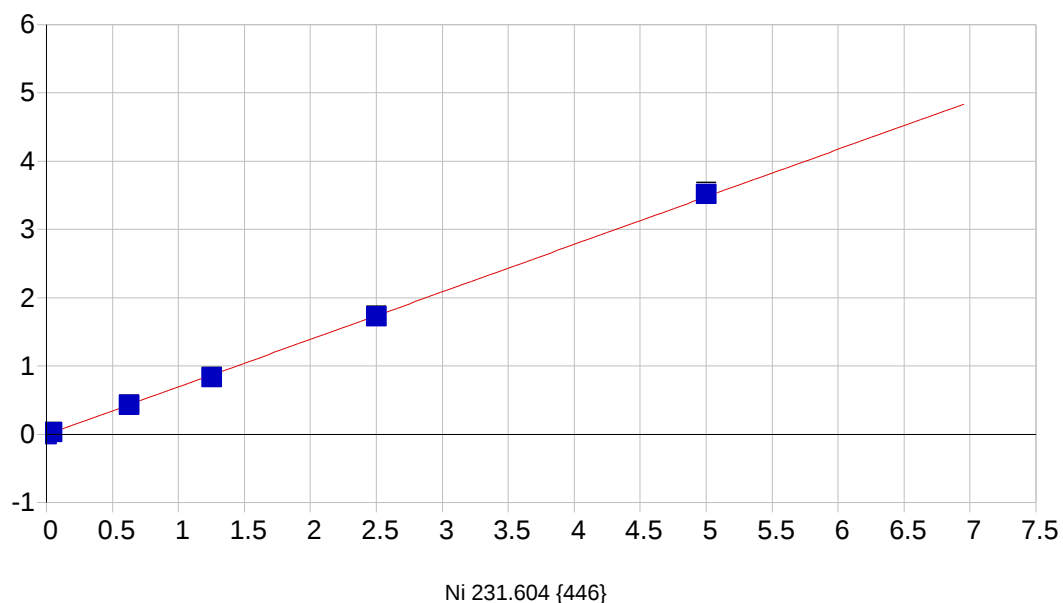
Status: OK.

Std Error of Est: 0.000662

Predicted MDL: 0.055811

Predicted MQL: 0.186038

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00008	.000	.000	-.00014	.000	1
S1	5.0000	5.4144	.414	8.29	.03527	.000	1
S2	62.500	60.433	-2.07	-3.31	.39502	.002	1
S3	125.00	118.29	-6.71	-5.36	.77336	.005	1
S4	250.00	243.88	-6.12	-2.45	1.5946	.004	1
S5	500.00	490.98	-9.02	-1.80	3.2102	.016	1
S6	800.00	823.50	23.5	2.94	5.3845	.015	1



Date of Fit: 7/20/2018 17:17:22

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.004360

Re-Slope: 1.000000

A1 (Gain): 0.696444

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999799

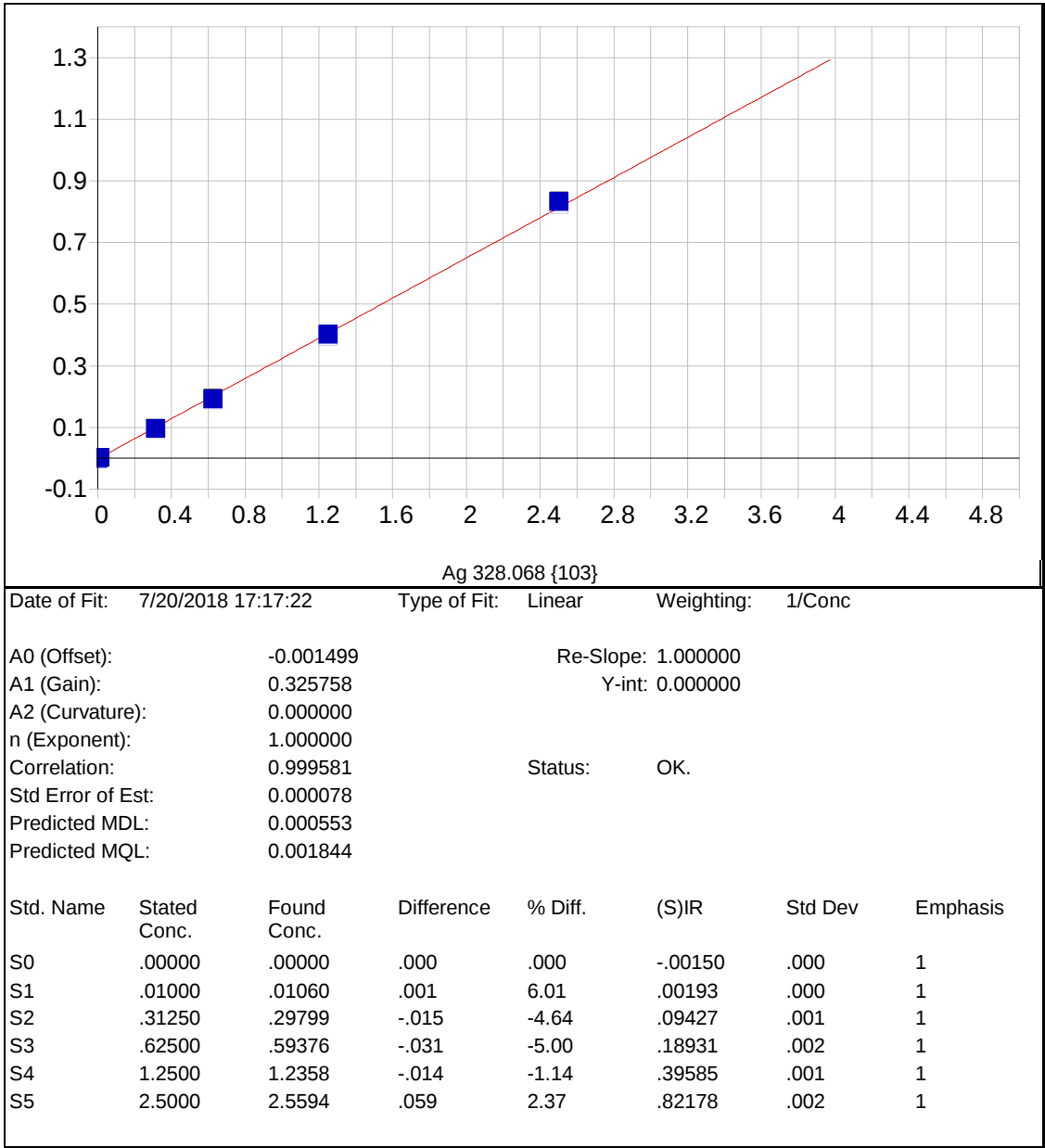
Status: OK.

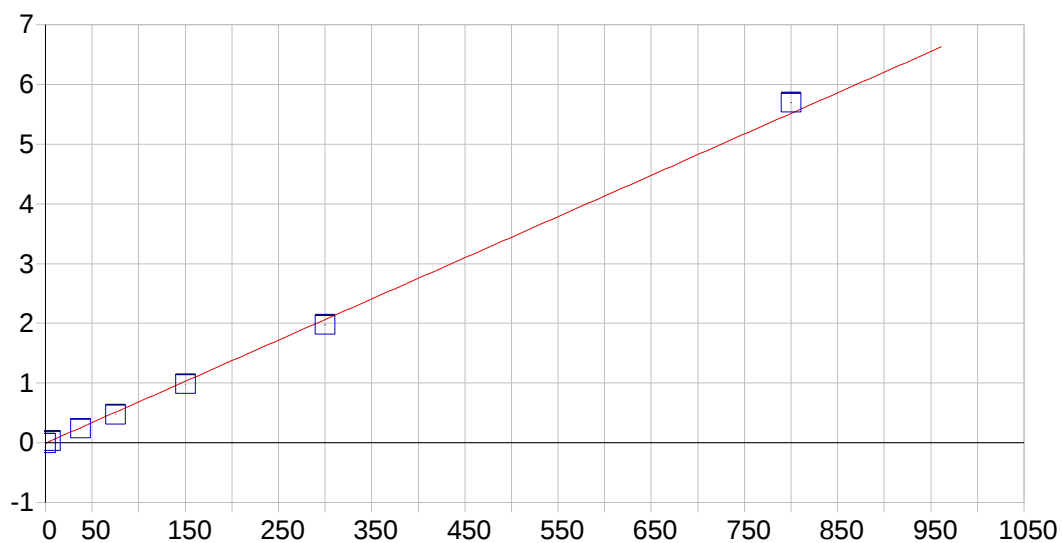
Std Error of Est: 0.000333

Predicted MDL: 0.000493

Predicted MQL: 0.001642

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00436	.000	1
S1	.04000	.04772	.008	19.3	.02889	.000	1
S2	.62500	.62492	.000	-.013	.43176	.001	1
S3	1.2500	1.2071	-.043	-3.43	.83811	.002	1
S4	2.5000	2.4781	-.022	-.877	1.7251	.009	1
S5	5.0000	5.0572	.057	1.14	3.5248	.023	1





Na 818.326 { 41}

Date of Fit: 7/20/2018 17:17:22

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.005996

Re-Slope: 1.000000

A1 (Gain): 0.006900

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999135

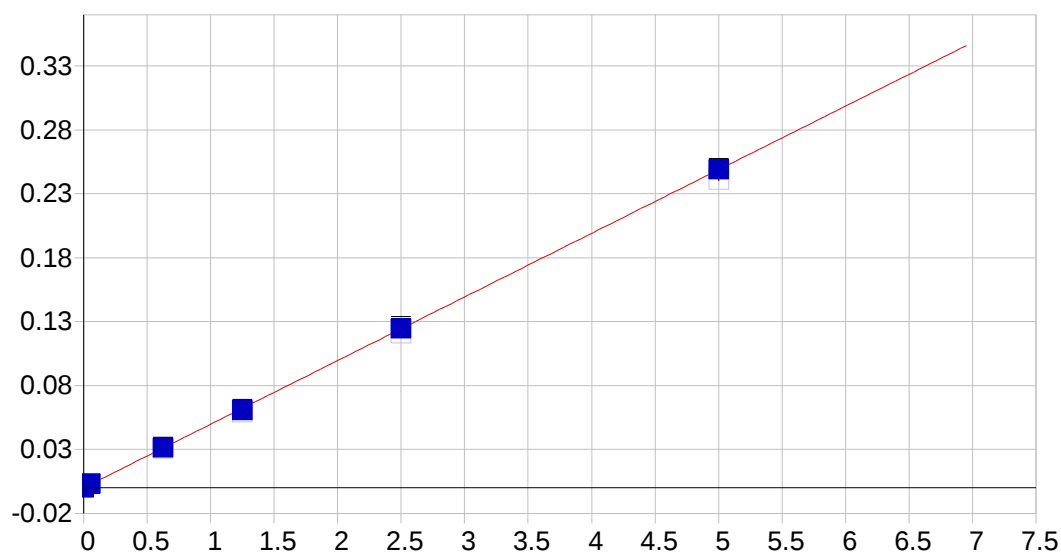
Status: OK.

Std Error of Est: 0.000888

Predicted MDL: 0.373932

Predicted MQL: 1.246440

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00034	.000	.000	-.00599	.001	1
S1	5.0000	5.5978	.598	12.0	.03263	.002	1
S2	37.500	35.330	-2.17	-5.79	.23777	.003	1
S3	75.000	69.453	-5.55	-7.40	.47321	.003	1
S4	150.00	143.08	-6.92	-4.61	.98119	.004	1
S5	300.00	287.24	-12.8	-4.25	1.9758	.011	1
S6	800.00	826.81	26.8	3.35	5.6987	.008	1

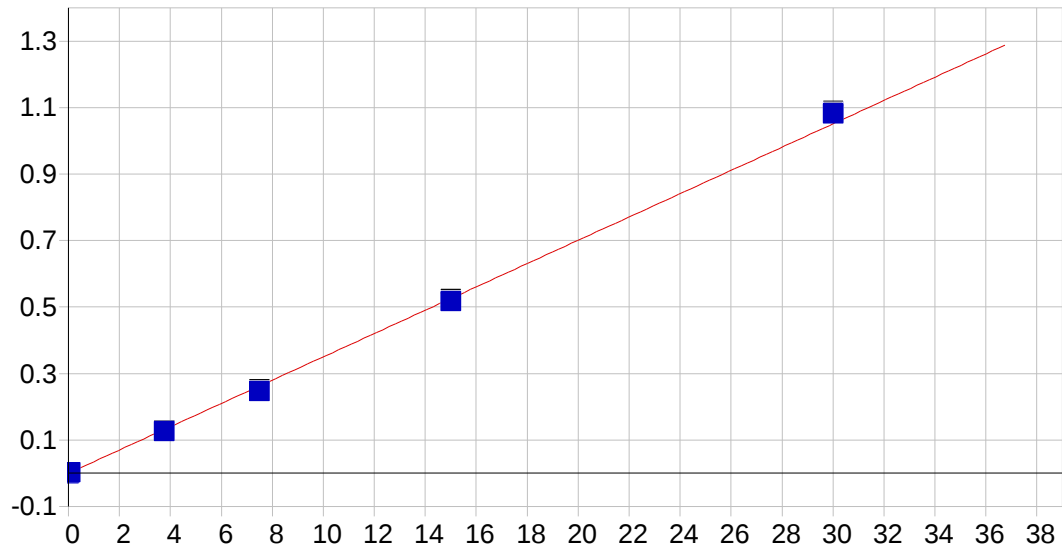


V 292.402 {115}

Date of Fit: 7/20/2018 17:17:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000092 Re-Slope: 1.000000
 A1 (Gain): 0.049756 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999857 Status: OK.
 Std Error of Est: 0.000022
 Predicted MDL: 0.008123
 Predicted MQL: 0.027077

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00009	.000	1
S1	.05000	.05923	.009	18.5	.00304	.000	1
S2	.62500	.63268	.008	1.23	.03055	.000	1
S3	1.2500	1.2203	-.030	-2.37	.05876	.001	1
S4	2.5000	2.5060	.006	.242	.12068	.001	1
S5	5.0000	5.0064	.006	.128	.24098	.001	1

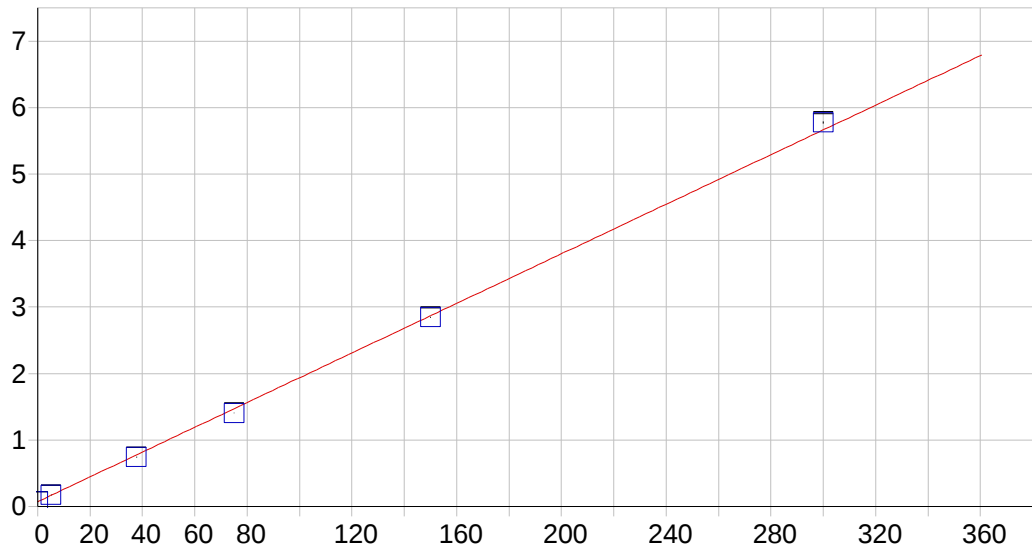


Zn 213.856 {158}

Date of Fit: 7/20/2018 17:17:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000279 Re-Slope: 1.000000
 A1 (Gain): 0.035049 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999450 Status: OK.
 Std Error of Est: 0.000083
 Predicted MDL: 0.012227
 Predicted MQL: 0.040757

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00028	.000	1
S1	.06000	.06786	.008	13.1	.00211	.000	1
S2	3.7500	3.6112	-.139	-3.70	.12691	.002	1
S3	7.5000	7.0382	-.462	-6.16	.24764	.004	1
S4	15.000	14.749	-.251	-1.67	.51913	.005	1
S5	30.000	30.844	.844	2.81	1.0857	.004	1

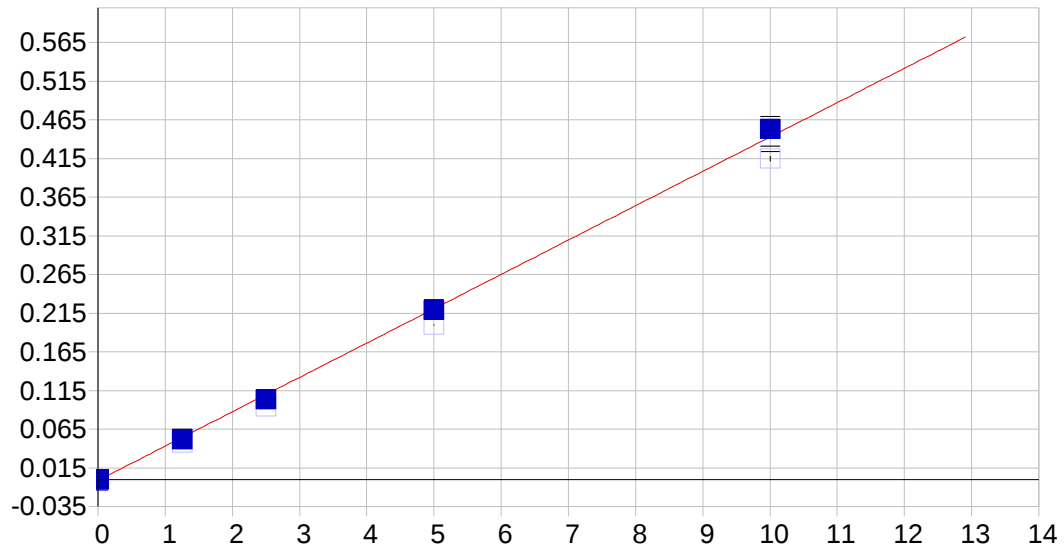


K 769.896 { 44}

Date of Fit: 7/20/2018 17:17:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.073164 Re-Slope: 1.000000
 A1 (Gain): 0.018635 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999668 Status: OK.
 Std Error of Est: 0.000991
 Predicted MDL: 0.111586
 Predicted MQL: 0.371955

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00010	.000	.000	.07317	.002	1
S1	5.0000	5.2864	.286	5.73	.17168	.002	1
S2	37.500	35.919	-1.58	-4.22	.74253	.002	1
S3	75.000	71.458	-3.54	-4.72	1.4048	.003	1
S4	150.00	148.87	-1.13	-.752	2.8475	.011	1
S5	300.00	305.96	5.96	1.99	5.7749	.019	1



P 177.495 {490}

Date of Fit: 7/20/2018 17:17:22

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001330

Re-Slope: 1.000000

A1 (Gain): 0.044428

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999288

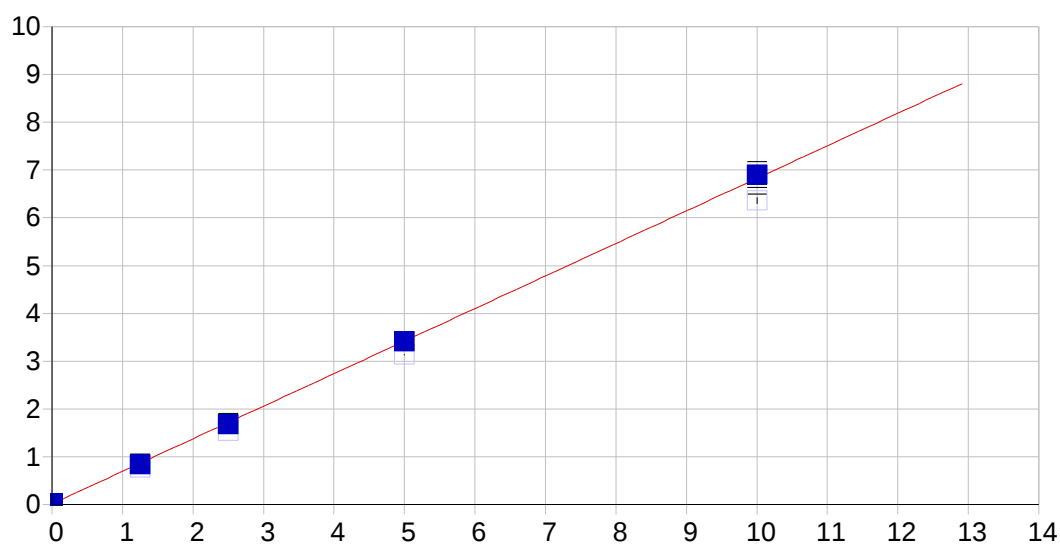
Status: OK.

Std Error of Est: 0.000026

Predicted MDL: 0.002766

Predicted MQL: 0.009219

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00133	.000	1
S1	.01000	.01820	.008	82.0	-.00055	.000	1
S2	1.2500	1.1970	-.053	-4.24	.04706	.000	1
S3	2.5000	2.3616	-.138	-5.54	.09401	.000	1
S4	5.0000	4.9536	-.046	-.929	.19959	.001	1
S5	10.000	10.229	.229	2.29	.41483	.003	1

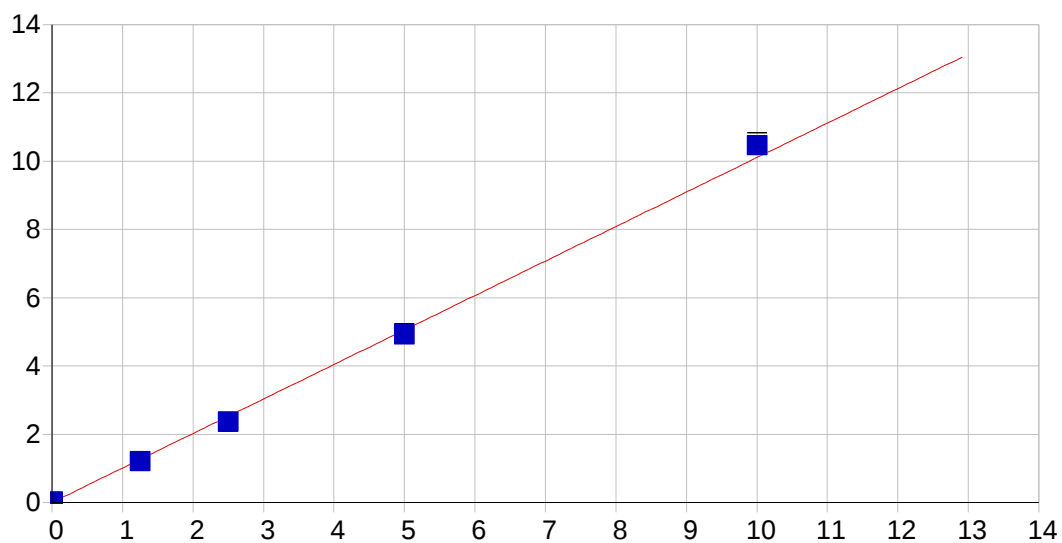


B 249.678 {135}

Date of Fit: 7/20/2018 17:17:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.012559 Re-Slope: 1.000000
 A1 (Gain): 0.681376 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999881 Status: OK.
 Std Error of Est: 0.000163
 Predicted MDL: 0.001103
 Predicted MQL: 0.003675

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.01256	.000	1
S1	.01000	.01100	.001	10.0	.01992	.000	1
S2	1.2500	1.2165	-.034	-2.68	.77399	.012	1
S3	2.5000	2.4395	-.061	-2.42	1.5398	.019	1
S4	5.0000	4.9807	-.019	-.387	3.1364	.009	1
S5	10.000	10.112	.112	1.12	6.3631	.068	1

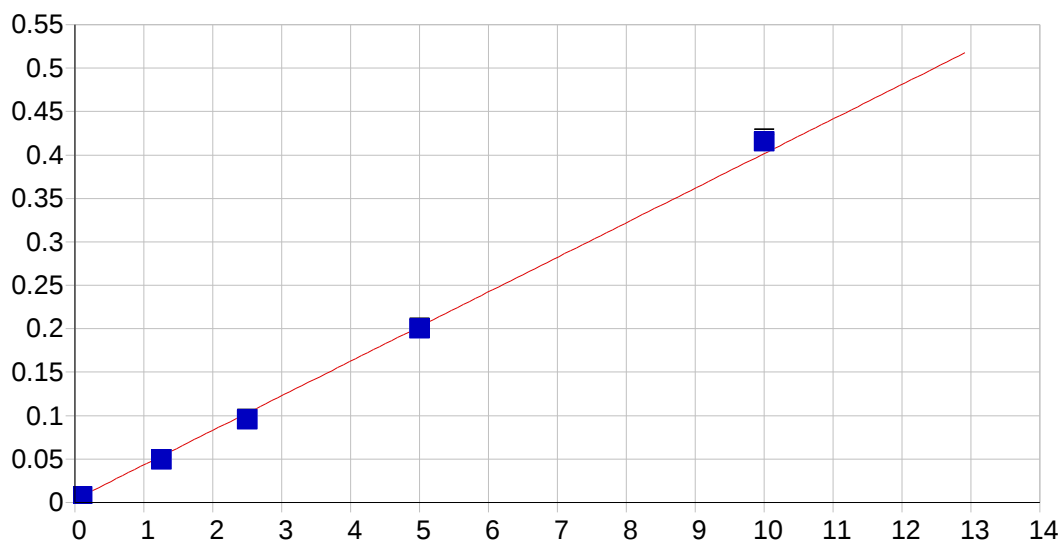


Mo 202.030 {467}

Date of Fit: 7/20/2018 17:17:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001360 Re-Slope: 1.000000
 A1 (Gain): 1.010492 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999207 Status: OK.
 Std Error of Est: 0.000675
 Predicted MDL: 0.000304
 Predicted MQL: 0.001014

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00136	.000	1
S1	.01000	.01095	.001	9.53	.01242	.000	1
S2	1.2500	1.1914	-.059	-4.69	1.2052	.005	1
S3	2.5000	2.3333	-.167	-6.67	2.3590	.006	1
S4	5.0000	4.8709	-.129	-2.58	4.9231	.020	1
S5	10.000	10.353	.353	3.53	10.463	.089	1

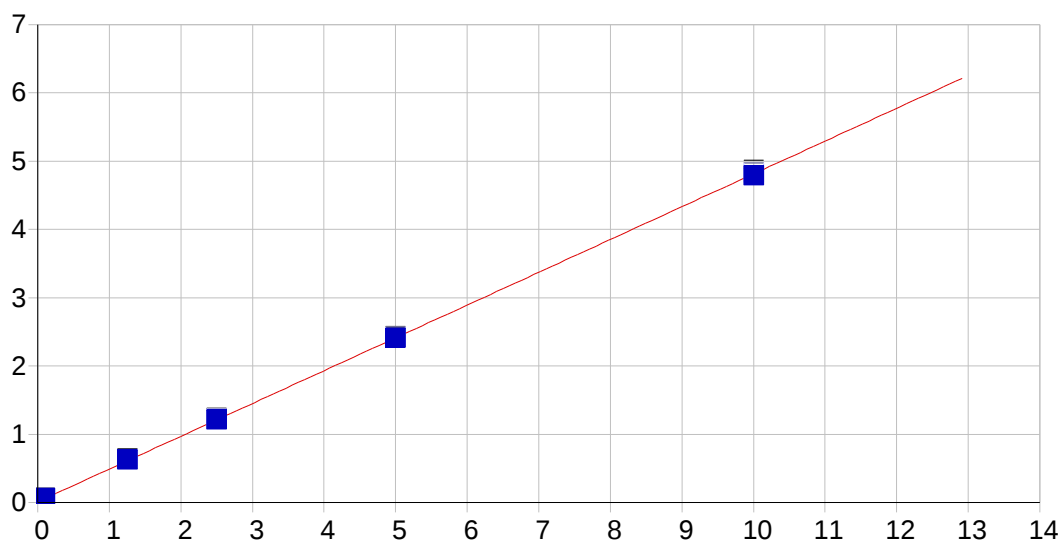


S 182.034 {485}

Date of Fit: 7/20/2018 17:17:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003401 Re-Slope: 1.000000
 A1 (Gain): 0.039822 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999127 Status: OK.
 Std Error of Est: 0.000089
 Predicted MDL: 0.004135
 Predicted MQL: 0.013782

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00340	.000	1
S1	.10000	.09556	-.004	-4.44	.00721	.000	1
S2	1.2500	1.1563	-.094	-7.50	.04946	.000	1
S3	2.5000	2.3166	-.183	-7.33	.09569	.000	1
S4	5.0000	4.9408	-.059	-1.18	.20022	.001	1
S5	10.000	10.341	.341	3.41	.41533	.003	1



Si 251.611 {134}

Date of Fit: 7/20/2018 17:17:22

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.008505

Re-Slope: 1.000000

A1 (Gain): 0.480537

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999945

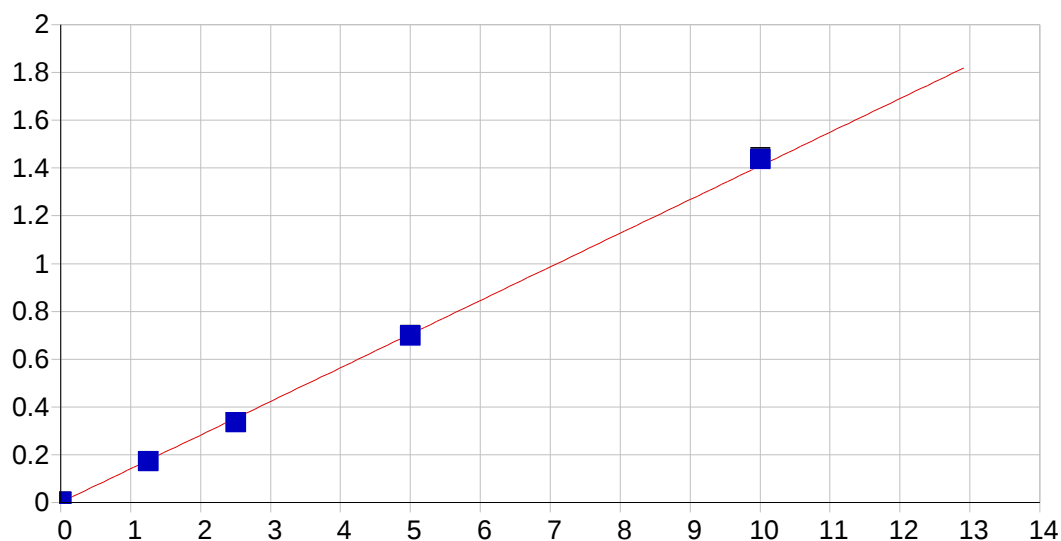
Status: OK.

Std Error of Est: 0.000269

Predicted MDL: 0.001380

Predicted MQL: 0.004601

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00850	.000	1
S1	.10000	.10778	.008	7.78	.06046	.001	1
S2	1.2500	1.2870	.037	2.96	.63190	.008	1
S3	2.5000	2.5155	.016	.621	1.2272	.014	1
S4	5.0000	4.9934	-.007	-.132	2.4277	.006	1
S5	10.000	9.9463	-.054	-.537	4.8274	.041	1

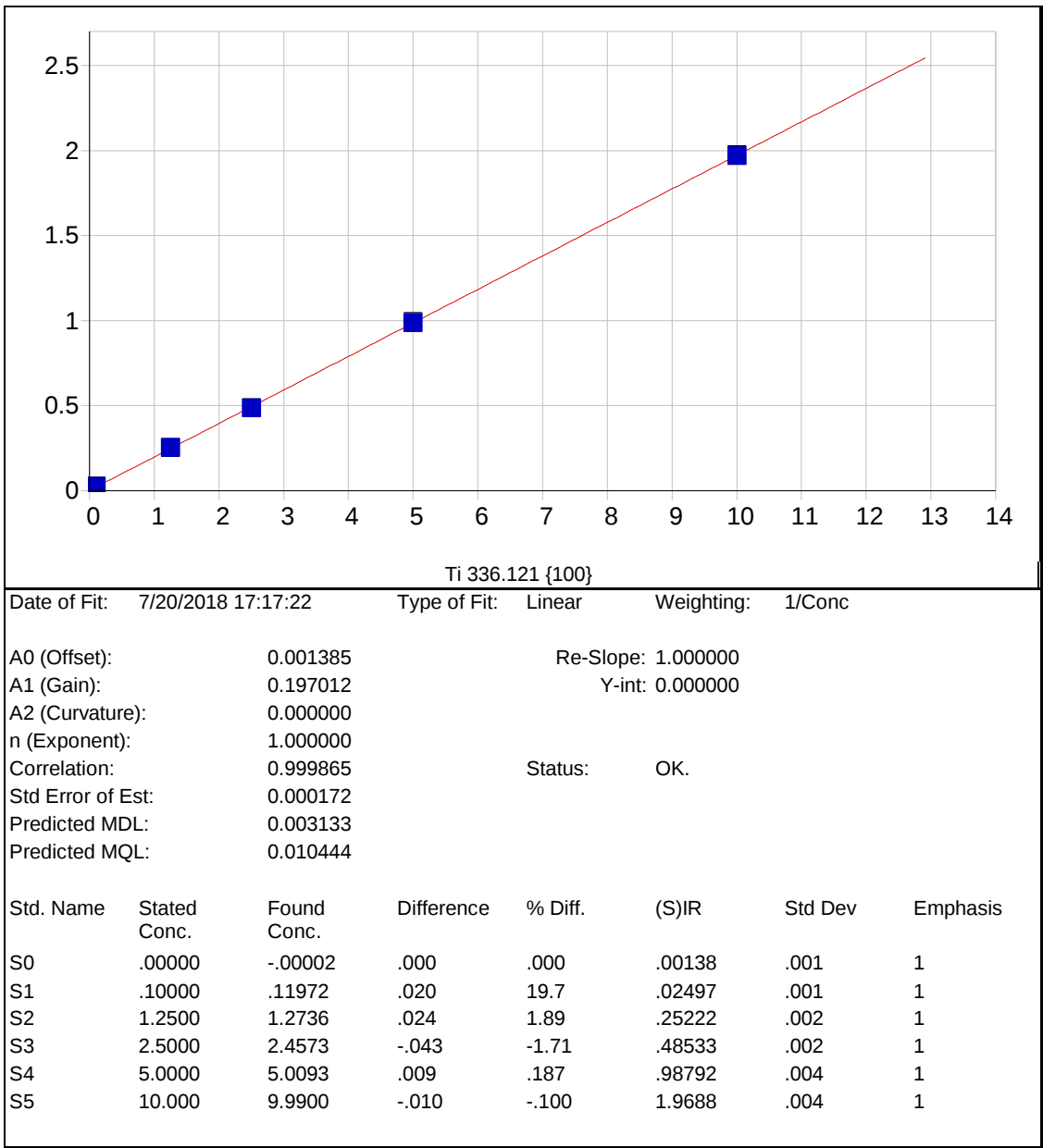


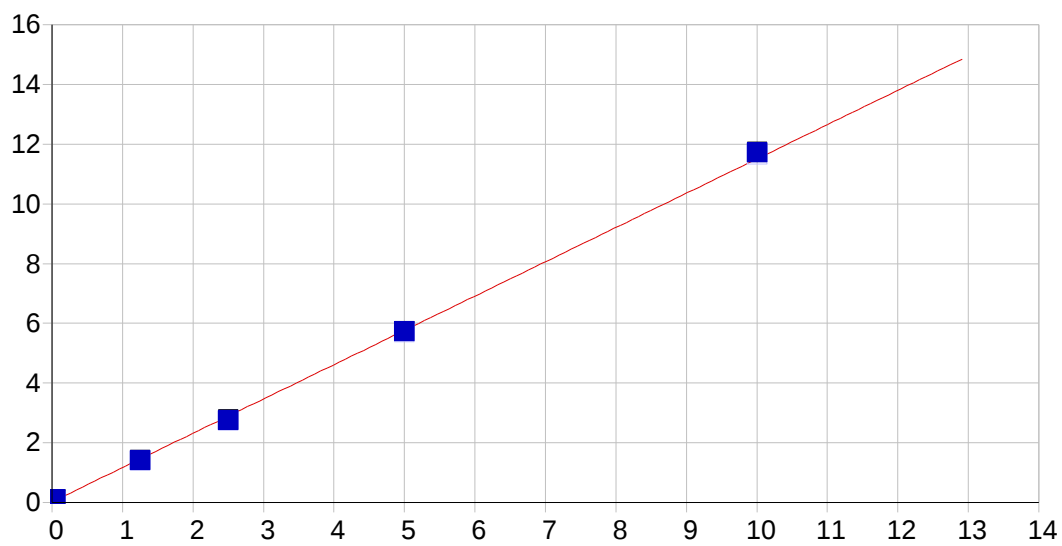
Sn 189.989 {478}

Date of Fit: 7/20/2018 17:17:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000443 Re-Slope: 1.000000
 A1 (Gain): 0.140844 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999668 Status: OK.
 Std Error of Est: 0.000051
 Predicted MDL: 0.001135
 Predicted MQL: 0.003785

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00044	.000	1
S1	.00700	.00865	.002	23.5	.00162	.000	1
S2	1.2500	1.2156	-.034	-2.75	.17126	.000	1
S3	2.5000	2.3766	-.123	-4.94	.33439	.000	1
S4	5.0000	4.9463	-.054	-1.07	.69555	.003	1
S5	10.000	10.210	.210	2.10	1.4353	.007	1





Li 670.784 { 50}

Date of Fit: 7/20/2018 17:17:22

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.021809

Re-Slope: 1.000000

A1 (Gain): 1.148366

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999724

Status: OK.

Std Error of Est: 0.001008

Predicted MDL: 0.002373

Predicted MQL: 0.007911

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.02181	.002	1
S5	10.000	10.184	.184	1.84	11.652	.023	1
S4	5.0000	4.9684	-.032	-.632	5.6951	.006	1
S3	2.5000	2.3865	-.114	-4.54	2.7462	.005	1
S2	1.2500	1.2085	-.041	-3.32	1.4016	.010	1
S1	.05000	.05301	.003	6.02	.08257	.001	1



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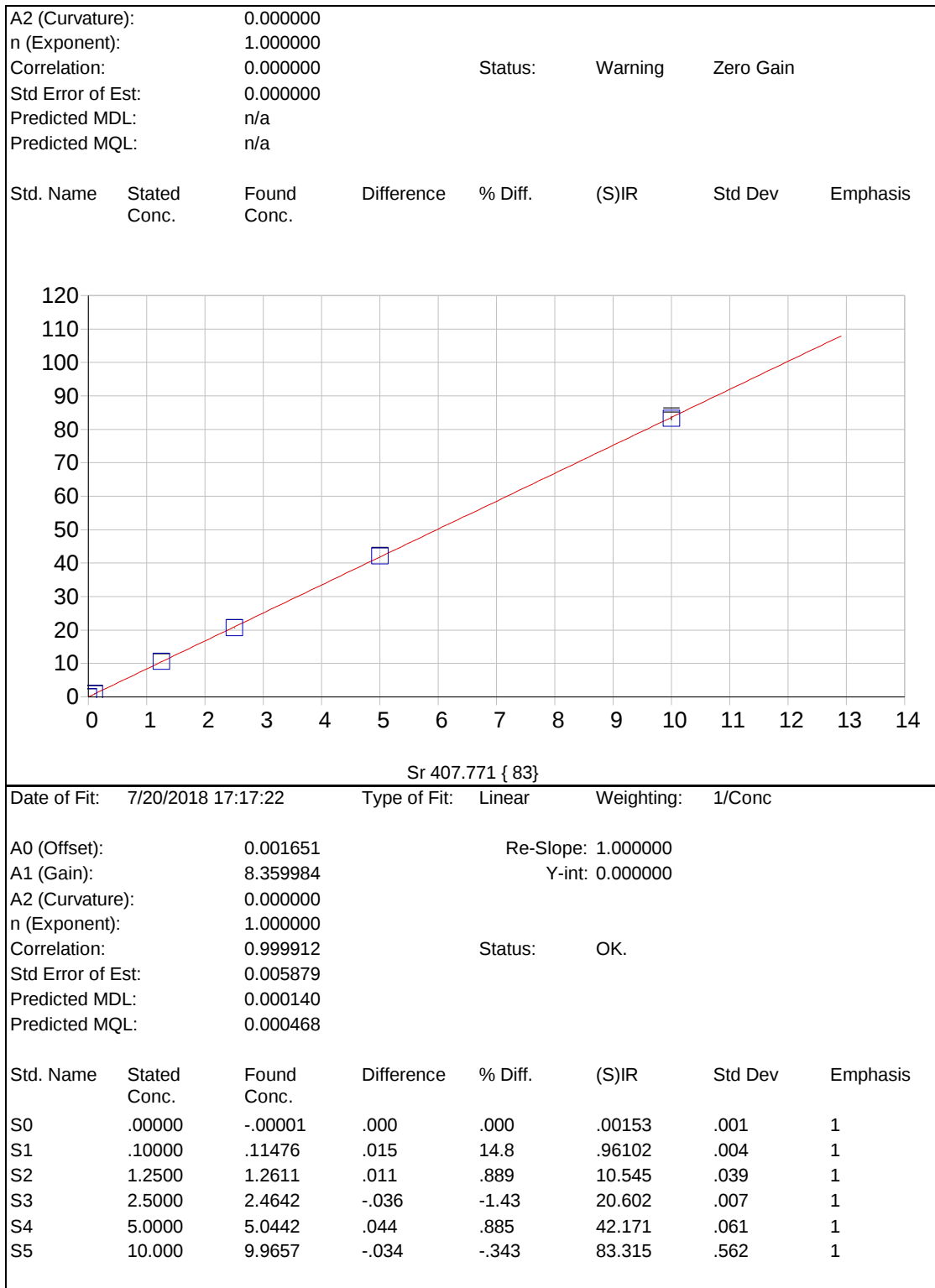


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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: 7/20/2018 13:16:07 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S00 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00072	-.00120	.00019	.00152	.00217	.00435	.02014	-.00409
Stddev	.00013	.00010	.00032	.00025	.00021	.00197	.00174	.00042
%RSD	17.891	8.3856	167.04	16.477	9.8917	45.192	8.6276	10.343

#1	-.00082	-.00126	-.00014	.00178	.00210	.00315	.02060	-.00390
#2	-.00076	-.00125	.00021	.00128	.00199	.00328	.02160	-.00380
#3	-.00057	-.00108	.00050	.00150	.00241	.00662	.01822	-.00458

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	.00138	.00164	.00003	-.00054	.00015	.00008	-.00009	-.00014
Stddev	.00044	.00043	.00005	.00012	.00044	.00023	.00009	.00044
%RSD	31.900	26.258	169.21	22.685	304.52	270.17	97.347	324.21

#1	.00121	.00116	.00003	-.00061	.00061	-.00017	-.00003	.00018
#2	.00189	.00198	-.00002	-.00062	.00011	.00014	-.00005	.00005
#3	.00106	.00179	.00009	-.00040	-.00028	.00028	-.00019	-.00064

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	-.00436	-.00150	-.00599	.00009	-.00028	.07317	-.00133	.01256
Stddev	.00025	.00008	.00061	.00012	.00038	.00223	.00003	.00022
%RSD	5.8166	5.2106	10.148	129.71	137.96	3.0450	1.9843	1.7452

#1	-.00420	-.00147	-.00633	.00021	-.00014	.07064	-.00130	.01239
#2	-.00466	-.00159	-.00636	.00008	-.00071	.07402	-.00135	.01249
#3	-.00424	-.00144	-.00529	-.00002	.00002	.07484	-.00133	.01281

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	.00136	.00340	.00850	.00044	.00138	.02181	.00153	
Stddev	.00007	.00006	.00046	.00011	.00054	.00175	.00080	
%RSD	5.1670	1.8705	5.4183	25.459	38.946	8.0427	52.350	

#1	.00133	.00347	.00814	.00037	.00137	.02325	.00162	
#2	.00131	.00335	.00834	.00057	.00193	.01985	.00069	
#3	.00144	.00338	.00902	.00038	.00085	.02233	.00228	

Sample Name: S0 Acquired: 7/20/2018 13:16:07 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2010.3	2486.6	40145.	4622.7	3262.1
Stddev	16.5	2.8	195.	37.3	2.3
%RSD	.82082	.11308	.48630	.80758	.06947
#1	2018.2	2484.7	40266.	4663.4	3261.1
#2	2021.3	2485.2	40249.	4614.5	3260.5
#3	1991.3	2489.8	39920.	4590.1	3264.7

Sample Name: S1 Acquired: 7/20/2018 13:20:15 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00022	.00033	.00213	.00650	.01655	.01922	.78658	.04731
Stddev	.00004	.00019	.00039	.00003	.00009	.00132	.00182	.00082
%RSD	16.417	56.402	18.527	.47469	.52807	6.8520	.23130	1.7338

#1	-.00021	.00028	.00235	.00648	.01653	.01979	.78866	.04658
#2	-.00026	.00017	.00167	.00653	.01648	.01772	.78531	.04820
#3	-.00019	.00054	.00237	.00648	.01665	.02016	.78575	.04716

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	.02128	.22216	.00202	.05170	.00428	.00185	.00329	.03527
Stddev	.00008	.00018	.00004	.00028	.00090	.00019	.00024	.00020
%RSD	.35325	.08159	2.1087	.54530	21.148	10.448	7.1673	.57370

#1	.02133	.22235	.00199	.05138	.00498	.00189	.00333	.03550
#2	.02131	.22216	.00201	.05193	.00326	.00202	.00351	.03511
#3	.02119	.22198	.00207	.05178	.00460	.00164	.00304	.03519

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	.02889	.00193	.03263	.00304	.00211	.17168	-.00055	.01992
Stddev	.00031	.00018	.00167	.00028	.00011	.00150	.00012	.00015
%RSD	1.0802	9.3538	5.1261	9.1265	5.2691	.87479	21.944	.75367

#1	.02854	.00174	.03070	.00314	.00216	.17079	-.00065	.02006
#2	.02915	.00194	.03370	.00325	.00218	.17341	-.00058	.01993
#3	.02898	.00210	.03348	.00272	.00198	.17084	-.00042	.01976

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	.01242	.00721	.06046	.00162	.02497	.08257	.96102	
Stddev	.00025	.00002	.00096	.00013	.00092	.00109	.00371	
%RSD	1.9762	.21694	1.5811	7.8196	3.6979	1.3171	.38556	

#1	.01270	.00721	.05963	.00162	.02424	.08349	.96346	
#2	.01233	.00722	.06151	.00175	.02465	.08137	.96285	
#3	.01224	.00719	.06026	.00150	.02600	.08286	.95676	

Sample Name: S1 Acquired: 7/20/2018 13:20:15 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2014.5	2483.1	40210.	4610.7	3301.9
Stddev	8.6	9.6	209.	16.8	10.0
%RSD	.42791	.38851	.52014	.36493	.30393
#1	2009.3	2479.2	40091.	4604.6	3301.4
#2	2024.5	2494.1	40452.	4597.8	3312.2
#3	2009.8	2476.0	40088.	4629.7	3292.2

Sample Name: S2 Acquired: 7/20/2018 13:24:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05714	.07751	1.0400	.16102	.27000	2.4154	8.2953	1.1291
Stddev	.00058	.00023	.0030	.00072	.00056	.0189	.0177	.0148
%RSD	1.0078	.29428	.29241	.44423	.20592	.78178	.21324	1.3125

#1	.05654	.07777	1.0390	.16030	.26973	2.3969	8.2884	1.1456
#2	.05719	.07742	1.0376	.16103	.26964	2.4346	8.3154	1.1249
#3	.05769	.07734	1.0434	.16173	.27064	2.4148	8.2821	1.1169

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	2.0655	2.4859	.65998	.56734	.41320	.56092	.69075	.39502
Stddev	.0089	.0065	.00309	.00240	.00117	.00412	.00319	.00232
%RSD	.42978	.26067	.46817	.42323	.28341	.73490	.46115	.58734

#1	2.0633	2.4933	.65648	.56614	.41215	.56540	.69437	.39754
#2	2.0580	2.4812	.66231	.56577	.41446	.55729	.68953	.39454
#3	2.0753	2.4833	.66116	.57011	.41299	.56008	.68836	.39297

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	.43176	.09427	.23777	.03055	.12691	.74253	.04706	.77399
Stddev	.00124	.00122	.00331	.00025	.00162	.00175	.00019	.01171
%RSD	.28714	1.2994	1.3905	.82323	1.2733	.23619	.40565	1.5136

#1	.43142	.09531	.23835	.03072	.12721	.74334	.04694	.78751
#2	.43071	.09292	.24074	.03026	.12516	.74373	.04728	.76689
#3	.43313	.09458	.23421	.03065	.12836	.74052	.04696	.76756

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	1.2052	.04946	.63190	.17126	.25222	1.4016	10.545	
Stddev	.0046	.00010	.00824	.00030	.00245	.0103	.039	
%RSD	.38006	.19630	1.3039	.17711	.97161	.73258	.36920	

#1	1.2005	.04951	.64141	.17114	.24942	1.3963	10.572	
#2	1.2055	.04953	.62684	.17104	.25398	1.4134	10.562	
#3	1.2097	.04935	.62747	.17161	.25325	1.3950	10.500	

Sample Name: S2 Acquired: 7/20/2018 13:24:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1987.0	2453.4	40329.	4681.1	3300.8
Stddev	13.9	8.7	100.	38.3	9.4
%RSD	.70022	.35583	.24915	.81854	.28623
#1	1977.8	2462.4	40334.	4653.1	3308.7
#2	2003.0	2452.9	40427.	4665.5	3303.3
#3	1980.3	2445.0	40226.	4724.8	3290.3

Sample Name: S3 Acquired: 7/20/2018 13:28:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.11264	.15313	2.0284	.31524	.52765	4.6994	16.228	2.2267
Stddev	.00057	.00054	.0074	.00099	.00275	.0112	.019	.0315
%RSD	.50291	.35570	.36286	.31365	.52095	.23859	.11592	1.4132

#1	.11238	.15256	2.0259	.31506	.52749	4.6998	16.249	2.1982
#2	.11226	.15365	2.0227	.31436	.52499	4.7104	16.221	2.2214
#3	.11329	.15318	2.0367	.31631	.53048	4.6880	16.214	2.2605

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.9871	4.8064	1.2672	1.1067	.79400	1.0833	1.3348	.77336
Stddev	.0088	.0025	.0026	.0020	.00043	.0026	.0017	.00540
%RSD	.21943	.05127	.20866	.17796	.05367	.24293	.12621	.69887

#1	3.9820	4.8066	1.2642	1.1056	.79354	1.0833	1.3362	.77150
#2	3.9822	4.8038	1.2688	1.1055	.79406	1.0807	1.3329	.76913
#3	3.9973	4.8088	1.2687	1.1090	.79439	1.0859	1.3352	.77945

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	.83811	.18931	.47321	.05876	.24764	1.4048	.09401	1.5398
Stddev	.00187	.00210	.00336	.00075	.00450	.0031	.00012	.0193
%RSD	.22352	1.1107	.71022	1.2684	1.8164	.22156	.12506	1.2564

#1	.83786	.18889	.46940	.05961	.25223	1.4050	.09412	1.5203
#2	.83637	.18745	.47447	.05822	.24324	1.4078	.09389	1.5402
#3	.84009	.19159	.47575	.05845	.24744	1.4016	.09403	1.5590

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	2.3590	.09569	1.2272	.33439	.48533	2.7462	20.602	
Stddev	.0063	.00029	.0145	.00018	.00223	.0045	.007	
%RSD	.26734	.30045	1.1813	.05279	.46020	.16457	.03258	

#1	2.3556	.09593	1.2121	.33453	.48606	2.7506	20.610	
#2	2.3552	.09576	1.2283	.33419	.48710	2.7465	20.597	
#3	2.3663	.09537	1.2410	.33445	.48282	2.7416	20.600	

Sample Name: S3 Acquired: 7/20/2018 13:28:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1929.3	2400.4	39947.	4617.3	3228.0
Stddev	26.9	9.5	241.	20.7	7.7
%RSD	1.3956	.39658	.60233	.44761	.23763
#1	1907.7	2400.4	39707.	4640.1	3227.4
#2	1959.4	2409.8	40188.	4599.9	3235.9
#3	1920.7	2390.8	39945.	4611.8	3220.6

Sample Name: S4 Acquired: 7/20/2018 13:32:04 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.23650	.31637	4.2330	.64570	1.1018	9.7527	33.372	4.4504
Stddev	.00072	.00078	.0156	.00245	.0074	.0273	.102	.0077
%RSD	.30408	.24680	.36884	.37940	.66929	.27977	.30657	.17263

#1	.23569	.31554	4.2206	.64393	1.0963	9.7240	33.481	4.4490
#2	.23677	.31646	4.2280	.64466	1.0989	9.7557	33.278	4.4435
#3	.23705	.31710	4.2505	.64849	1.1102	9.7784	33.356	4.4587

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	8.1458	9.7792	2.5636	2.2889	1.6146	2.1834	2.6906	1.5946
Stddev	.0355	.0197	.0085	.0093	.0026	.0066	.0095	.0042
%RSD	.43535	.20136	.33178	.40548	.15983	.30393	.35171	.26031

#1	8.1146	9.8009	2.5677	2.2841	1.6117	2.1910	2.6985	1.5993
#2	8.1385	9.7625	2.5538	2.2829	1.6164	2.1800	2.6801	1.5915
#3	8.1844	9.7742	2.5693	2.2996	1.6158	2.1791	2.6933	1.5929

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	1.7251	.39585	.98119	.12068	.51913	2.8475	.19959	3.1364
Stddev	.0086	.00096	.00371	.00133	.00518	.0105	.00065	.0089
%RSD	.50003	.24216	.37854	1.1041	.99775	.36914	.32493	.28392

#1	1.7160	.39694	.98540	.11925	.51421	2.8356	.19898	3.1267
#2	1.7260	.39514	.97840	.12090	.52454	2.8510	.19953	3.1384
#3	1.7332	.39547	.97976	.12188	.51863	2.8557	.20027	3.1442

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	4.9231	.20022	2.4277	.69555	.98792	5.6951	42.171	
Stddev	.0199	.00066	.0060	.00306	.00382	.0062	.061	
%RSD	.40384	.32899	.24813	.44065	.38662	.10887	.14469	

#1	4.9090	.19961	2.4245	.69272	.98354	5.6881	42.109	
#2	4.9145	.20015	2.4240	.69512	.99055	5.6973	42.231	
#3	4.9459	.20092	2.4347	.69881	.98966	5.6999	42.173	

Sample Name: S4 Acquired: 7/20/2018 13:32:04 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1847.8	2260.4	39073.	4569.5	3042.8
Stddev	14.2	8.5	138.	20.1	9.1
%RSD	.76804	.37418	.35259	.43930	.29785
#1	1863.1	2264.1	39199.	4592.6	3049.4
#2	1835.0	2266.4	38926.	4556.0	3046.5
#3	1845.4	2250.7	39093.	4560.0	3032.5

Sample Name: S5 Acquired: 7/20/2018 13:35:52 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.49939	.63518	8.7717	1.3100	2.3380	19.995	66.852	8.9053
Stddev	.00681	.00492	.0505	.0140	.0170	.022	.095	.0656
%RSD	1.3646	.77380	.57614	1.0711	.72625	.11005	.14222	.73655

#1	.49278	.63049	8.7297	1.2954	2.3217	19.969	66.929	8.9757
#2	.49899	.63477	8.7576	1.3113	2.3368	20.007	66.881	8.8460
#3	.50640	.64029	8.8278	1.3234	2.3556	20.008	66.746	8.8941

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	16.465	19.426	5.0091	4.6781	3.2285	4.2676	5.2635	3.2102
Stddev	.086	.083	.0079	.0311	.0060	.0143	.0240	.0156
%RSD	.52350	.42881	.15793	.66458	.18501	.33589	.45564	.48718

#1	16.387	19.521	5.0081	4.6500	3.2247	4.2819	5.2909	3.2274
#2	16.450	19.369	5.0018	4.6729	3.2255	4.2533	5.2462	3.1967
#3	16.558	19.386	5.0175	4.7115	3.2354	4.2675	5.2535	3.2066

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.5248	.82178	1.9758	.24098	1.0857	5.7749	.41483	6.3631
Stddev	.0227	.00198	.0106	.00088	.0043	.0187	.00326	.0682
%RSD	.64379	.24042	.53620	.36481	.39190	.32340	.78520	1.0714

#1	3.5046	.82407	1.9877	.23997	1.0810	5.7905	.41141	6.4411
#2	3.5205	.82063	1.9724	.24139	1.0893	5.7542	.41518	6.3147
#3	3.5494	.82065	1.9674	.24158	1.0868	5.7801	.41790	6.3336

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	10.463	.41533	4.8274	1.4353	1.9688	11.652	83.315	
Stddev	.089	.00311	.0413	.0069	.0044	.023	.562	
%RSD	.84688	.74880	.85528	.47870	.22169	.19566	.67451	

#1	10.375	.41278	4.8731	1.4284	1.9710	11.678	83.963	
#2	10.461	.41441	4.7927	1.4355	1.9716	11.641	83.021	
#3	10.552	.41880	4.8166	1.4421	1.9638	11.636	82.961	

Sample Name: S5 Acquired: 7/20/2018 13:35:52 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1706.0	2038.5	38327.	4493.6	2803.9
Stddev	6.9	14.7	113.	28.6	11.2
%RSD	.40352	.72115	.29449	.63735	.40107
#1	1703.2	2053.8	38378.	4464.5	2813.9
#2	1713.9	2037.2	38404.	4521.7	2806.1
#3	1701.0	2024.5	38197.	4494.5	2791.7

Sample Name: S6 Acquired: 7/20/2018 13:39:47 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S06 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	54.906	30.991	11.665	5.3845	5.6987
Stddev	.232	.020	.036	.0154	.0079
%RSD	.42327	.06530	.31087	.28506	.13789

#1	54.924	31.013	11.647	5.3730	5.7057
#2	55.129	30.987	11.642	5.3786	5.6902
#3	54.665	30.973	11.707	5.4019	5.7001

Int. Std.	Y_3710
Units	Cts/S
Avg	4514.7
Stddev	14.7
%RSD	.32531

#1	4514.6
#2	4529.5
#3	4500.1

Sample Name: ICV Acquired: 7/20/2018 13:48:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9991700	1.077620	1.026116	1.005344	.9426160	2.402801
Stddev	.0063005	.002735	.001507	.006973	.0018584	.018299
%RSD	.6305679	.2538168	.1468840	.6935724	.1971568	.7615578

#1	1.005505	1.074553	1.025078	1.005725	.9413028	2.382964
#2	.992905	1.078498	1.027845	.998189	.9418028	2.406417
#3	.999101	1.079808	1.025427	1.012119	.9447424	2.419022

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5332889	.5170832	.5409898	10.47038	.5366152	.5241664
Stddev	.0017383	.0042548	.0018636	.03049	.0023748	.0023172
%RSD	.3259641	.8228464	.3444876	.2912312	.4425434	.4420635

#1	.5313223	.5151724	.5402208	10.43590	.5365795	.5233291
#2	.5346201	.5219584	.5396337	10.48147	.5342585	.5223843
#3	.5339242	.5141188	.5431149	10.49378	.5390076	.5267858

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4862691	5.531802	.5403266	5.913432	.5397407	.4869249
Stddev	.0088229	.031233	.0023628	.053288	.0020853	.0016460
%RSD	1.814399	.5646154	.4372845	.9011345	.3863497	.3380344

#1	.4762693	5.496323	.5420087	5.974651	.5382351	.4853821
#2	.4929561	5.543931	.5413458	5.888189	.5388661	.4867350
#3	.4895818	5.555151	.5376253	5.877456	.5421208	.4886576

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.09710	.5371531	1.021159	9.651546	F .0160272	F .0119316
Stddev	.18510	.0109085	.026018	.110884	.0006223	.0004765
%RSD	1.833225	2.030792	2.547914	1.148877	3.882538	3.993629

#1	10.30105	.5288671	1.011076	9.640447	.0153770	.0116753
#2	9.93976	.5330804	1.001692	9.767562	.0160876	.0116381
#3	10.05049	.5495120	1.050710	9.546628	.0166171	.0124814

Sample Name: ICV Acquired: 7/20/2018 13:48:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0000153	-.023917	.0052979	F .0003918	-.000084	.0054231
Stddev	.0001178	.005677	.0021350	.0009863	.003766	.0017543
%RSD	772.1884	23.73546	40.30006	251.7248	4502.503	32.34888

#1	.0000365	-.027114	.0035716	.0003757	-.004266	.0066019
#2	-.000112	-.017363	.0046367	-.000586	.000976	.0062604
#3	.000121	-.027275	.0076853	.001386	.003039	.0034070

Elem	Sr4077
Units	ppm
Avg	.0123439
Stddev	.0000765
%RSD	.6199779

#1	.0124252
#2	.0122732
#3	.0123335

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2064.486	2564.488	41411.85	4776.927	3416.441
Stddev	3.727	3.973	186.04	32.465	10.372
%RSD	.1805511	.1549127	.4492423	.6796182	.3036010

#1	2066.985	2563.201	41433.39	4781.930	3416.047
#2	2066.272	2568.945	41586.18	4742.251	3427.005
#3	2060.202	2561.318	41215.98	4806.601	3406.272

Sample Name: ICB Acquired: 7/20/2018 13:54:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003460	-.000843	-.000054	.0002422	.0000590	.0038550	-.000087
Stddev	.0030246	.001223	.000785	.0013297	.0006750	.0181383	.000534
%RSD	874.0913	145.1073	1440.999	549.0099	1145.175	470.5117	610.7091

#1	.0024535	-.001863	.000133	.0013189	.0006099	.0076381	.000453
#2	-.003120	.000513	.000620	-.001244	.0002610	.0198034	-.000616
#3	.001704	-.001180	-.000916	.000652	-.000694	-.015876	-.000100

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000691	-.000083	.0106940	-.000349	.0000653	.0023569	.0157654
Stddev	.0000370	.000035	.0060067	.000466	.0002204	.0018959	.0054788
%RSD	53.55069	42.66952	56.16871	133.7502	337.4432	80.43946	34.75213

#1	.0000726	-.000057	.0167544	.000042	.0000476	.0032680	.0110628
#2	.0000304	-.000123	.0105849	-.000865	.0002940	.0036251	.0217816
#3	.0001042	-.000069	.0047426	-.000224	-.000146	.0001775	.0144519

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002607	-.039384	-.000486	-.000048	-.240177	-.001566	.0022196
Stddev	.0016969	.043376	.000538	.000231	.425316	.012596	.0187679
%RSD	650.8194	110.1361	110.8726	484.4421	177.0842	804.2092	845.5570

#1	.0018097	-.007694	-.000922	-.000313	.250860	.012913	-.019243
#2	.0005255	-.021639	-.000651	.000066	-.478250	-.009999	.010354
#3	-.001553	-.088819	.000116	.000104	-.493142	-.007613	.015548

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.076359	.0030585	.0008741	-.000264	-.027039	.0011966	-.000490
Stddev	.057106	.0022801	.0007088	.000066	.003744	.0004105	.000521
%RSD	74.78621	74.54834	81.08300	25.13561	13.84766	34.30170	106.3128

#1	-.071525	.0012905	.0016355	-.000211	-.027368	.0007973	-.001031
#2	-.021824	.0056320	.0007535	-.000242	-.023142	.0011752	-.000448
#3	-.135729	.0022530	.0002334	-.000338	-.030609	.0016174	.000008

Sample Name: ICB Acquired: 7/20/2018 13:54:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0043476	.0028760	-.000093
Stddev	.0025868	.0015970	.000188
%RSD	59.49954	55.53009	201.2819

#1	.0015993	.0026148	-.000134
#2	.0047084	.0045875	.000111
#3	.0067350	.0014256	-.000258

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2025.760	2554.182	40650.94	4697.642	3338.509
Stddev	32.862	8.310	363.90	11.631	14.263
%RSD	1.622201	.3253504	.8951701	.2475935	.4272381

#1	2004.348	2545.601	40473.46	4698.075	3323.984
#2	2009.335	2562.191	40409.84	4685.800	3352.495
#3	2063.596	2554.753	41069.53	4709.050	3339.049

Sample Name: ICSA Acquired: 7/20/2018 13:58:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002629	.0020289	-.004826	.0071342	.0028596	238.3700
Stddev	.004854	.0007956	.001934	.0008795	.0014657	.9212
%RSD	184.6021	39.21305	40.06734	12.32810	51.25588	.3864535

#1	-.002050	.0017096	-.006560	.0080794	.0040419	237.3693
#2	-.007747	.0014425	-.002741	.0069834	.0033172	239.1827
#3	.001909	.0029345	-.005177	.0063399	.0012197	238.5580

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064735	.0009561	-.001089	245.5201	.0515626	.0000106
Stddev	.0009889	.0000227	.000058	.5884	.0000162	.0003519
%RSD	15.27547	2.373282	5.360121	.2396484	.0313493	3333.351

#1	.0075031	.0009300	-.001146	245.0713	.0515496	-.000344
#2	.0063861	.0009669	-.001092	245.3026	.0515807	.000017
#3	.0055312	.0009713	-.001030	246.1862	.0515574	.000359

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019932	101.9274	.0110947	250.8568	.0024739	-.000040
Stddev	.0023833	.2009	.0020804	.5630	.0006820	.000312
%RSD	119.5730	.1971334	18.75087	.2244405	27.56687	773.7200

#1	.0047370	102.0139	.0096228	250.6511	.0032552	-.000388
#2	.0004365	101.6977	.0101866	250.4256	.0021688	.000216
#3	.0008061	102.0705	.0134748	251.4938	.0019978	.000051

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.023793	.0048968	-.001620	-.540844	.0024032	F .1357516
Stddev	.287816	.0110034	.001749	.111220	.0025281	.0004998
%RSD	1209.672	224.7049	107.9610	20.56421	105.2005	.3681429

#1	-.090816	.0037321	-.003472	-.667905	-.000409	.1362450
#2	.291621	-.005478	-.001392	-.493488	.004487	.1352457
#3	-.272184	.016436	.000004	-.461140	.003132	.1357642

Sample Name: ICSA Acquired: 7/20/2018 13:58:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012410	-.030912	-.000891	-.004253	-.001501	.0048886
Stddev	.0001070	.007217	.001429	.000355	.000369	.0041729
%RSD	8.620776	23.34594	160.3032	8.351397	24.58283	85.36072

#1	.0012672	-.034573	.000528	-.004515	-.001740	.0031790
#2	.0011234	-.035565	-.002330	-.003849	-.001687	.0096448
#3	.0013325	-.022599	-.000872	-.004395	-.001076	.0018419

Elem	Sr4077
Units	ppm
Avg	.1035517
Stddev	.0002374
%RSD	.2292699

#1	.1034361
#2	.1033942
#3	.1038247

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1966.502	2449.436	39929.77	4680.742	3175.841
Stddev	5.655	4.039	40.73	12.899	5.543
%RSD	.2875419	.1649103	.1020056	.2755741	.1745280

#1	1971.062	2445.340	39975.81	4687.151	3170.765
#2	1960.175	2453.416	39898.42	4665.894	3181.755
#3	1968.270	2449.551	39915.08	4689.182	3175.002

Sample Name: ICSAB Acquired: 7/20/2018 14:02:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0941396	.1080077	.0463319	.0557641	.5909229	242.5733
Stddev	.0028753	.0018749	.0035298	.0042558	.0008371	1.4441
%RSD	3.054290	1.735903	7.618560	7.631840	.1416631	.5953241

#1	.0974499	.1059724	.0422887	.0540543	.5899859	241.6788
#2	.0922640	.1083863	.0479076	.0606090	.5911860	241.8018
#3	.0927049	.1096644	.0487995	.0526292	.5915969	244.2393

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5353284	.5238980	1.044776	250.0444	.5877410	.5160017
Stddev	.0017938	.0024687	.004529	.2718	.0002968	.0020312
%RSD	.3350847	.4712146	.4334778	.1087091	.0504933	.3936426

#1	.5334968	.5241918	1.040751	249.7476	.5874628	.5139826
#2	.5354066	.5262067	1.043897	250.1042	.5877069	.5159777
#3	.5370819	.5212956	1.049680	250.2813	.5880534	.5180448

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4670822	104.0982	.5354532	256.0668	1.046778	.1805716
Stddev	.0019201	.4666	.0051446	.6157	.003165	.0004647
%RSD	.4110735	.4482118	.9608024	.2404502	.3023298	.2573445

#1	.4653120	104.6356	.5357200	256.6442	1.044360	.1810164
#2	.4691233	103.8617	.5404593	256.1374	1.045615	.1806092
#3	.4668114	103.7971	.5301804	255.4189	1.050360	.1800893

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1192371	.5290021	1.018013	-.999561	.0119814	F .1376134
Stddev	.0986600	.0131499	.023249	.068050	.0033518	.0040099
%RSD	82.74270	2.485788	2.283743	6.807973	27.97522	2.913882

#1	.0560740	.5248164	1.014014	-1.06764	.0158121	.1417442
#2	.0687113	.5437354	.997024	-.93154	.0095876	.1337365
#3	.2329260	.5184546	1.043003	-.99950	.0105444	.1373595

Sample Name: ICSAB Acquired: 7/20/2018 14:02:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029707	-.033520	.0008554	-.002330	-.003418	.0029908
Stddev	.0002641	.003486	.0012690	.000778	.002364	.0004815
%RSD	8.889266	10.39972	148.3591	33.40570	69.14481	16.10062

#1	.0031694	-.037061	.0019785	-.002991	-.001190	.0025227
#2	.0030715	-.033408	-.000521	-.001472	-.005898	.0029650
#3	.0026710	-.030091	.001109	-.002527	-.003167	.0034847

Elem	Sr4077
Units	ppm
Avg	.1054991
Stddev	.0001323
%RSD	.1253772

#1	.1055780
#2	.1053463
#3	.1055729

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1938.052	2408.258	39539.08	4629.857	3129.815
Stddev	7.444	5.917	79.10	15.817	9.044
%RSD	.3841050	.2456792	.2000446	.3416277	.2889597

#1	1936.452	2409.104	39483.49	4624.527	3138.822
#2	1946.165	2413.706	39629.63	4617.393	3129.887
#3	1931.537	2401.964	39504.12	4647.650	3120.734

Sample Name: CCV072 Acquired: 7/20/2018 14:06:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV072 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.753074	4.904140	24.61040	4.700473	4.785661	404.0592	9.966183
Stddev	.030765	.031003	.11944	.013420	.017207	1.4666	.033605
%RSD	.6472597	.6321892	.4853138	.2854927	.3595594	.3629772	.3371902

#1	4.718846	4.886274	24.51966	4.685583	4.769935	403.8706	9.956383
#2	4.761953	4.886208	24.56583	4.704201	4.783008	402.6961	9.938568
#3	4.778422	4.939940	24.74572	4.711634	4.804041	405.6111	10.00360

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4977918	2.461642	404.0606	15.17439	2.490076	15.05161	412.2739
Stddev	.0028139	.012561	.9109	.02235	.013362	.04735	.7810
%RSD	.5652726	.5102533	.2254472	.1472601	.5366177	.3145911	.1894279

#1	.4969649	2.455262	403.5179	15.19827	2.481597	15.00546	411.3723
#2	.4954840	2.453552	403.5515	15.15399	2.483153	15.04930	412.7105
#3	.5009264	2.476112	405.1122	15.17090	2.505479	15.10008	412.7389

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.68230	404.8302	2.497956	1.261285	407.4527	2.452982	14.50893
Stddev	.03148	.9801	.011282	.005419	2.0929	.010346	.11627
%RSD	.2144033	.2421036	.4516423	.4296593	.5136644	.4217892	.8013493

#1	14.65491	403.7435	2.490048	1.255212	406.2894	2.461340	14.61356
#2	14.71669	405.6473	2.492946	1.263015	406.1999	2.441410	14.52947
#3	14.67529	405.0997	2.510876	1.265628	409.8689	2.456196	14.38376

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.0992	5.057670	5.313505	4.768709	5.015018	4.963110	4.967875
Stddev	.4642	.027146	.033626	.015702	.032324	.023330	.014061
%RSD	.3071888	.5367329	.6328335	.3292645	.6445352	.4700630	.2830297

#1	150.7177	5.039480	5.283383	4.759097	4.980135	4.955173	4.954525
#2	150.9638	5.044657	5.307348	4.760201	5.020961	4.944784	4.966549
#3	151.6160	5.088873	5.349784	4.786828	5.043957	4.989373	4.982552

Sample Name: CCV072 Acquired: 7/20/2018 14:06:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV072 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.919085	5.038806	5.005763
Stddev	.019283	.018354	.010045
%RSD	.3920001	.3642485	.2006680

#1	4.909626	5.028834	5.000548
#2	4.906358	5.027597	4.999399
#3	4.941271	5.059987	5.017343

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1787.862	2199.568	38287.98	4502.394	2867.418
Stddev	7.956	6.460	78.13	16.069	11.781
%RSD	.4449994	.2936728	.2040646	.3569026	.4108745

#1	1789.728	2206.017	38362.82	4510.234	2878.336
#2	1779.139	2199.589	38294.18	4513.038	2868.987
#3	1794.719	2193.098	38206.93	4483.910	2854.930

Sample Name: CCB072 Acquired: 7/20/2018 14:10:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB072 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000943	-.000377	.0003002	-.000591	-.000416	-.002845	-.000156
Stddev	.0002712	.001404	.0005467	.000840	.001847	.008508	.000184
%RSD	287.6457	372.4216	182.1049	142.1736	443.7240	299.0380	118.2588

#1	-.000011	-.001602	-.000163	-.001257	-.000149	-.008091	-.000200
#2	-.000108	-.000684	.000903	.000353	.001283	.006971	-.000314
#3	.000402	.001155	.000160	-.000868	-.002382	-.007416	.000047

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000433	-.000124	.0185220	.0001703	.0000178	.0056030	.0162227
Stddev	.0000594	.000069	.0115994	.0001282	.0004532	.0019995	.0077691
%RSD	137.1654	55.42389	62.62504	75.28255	2548.165	35.68650	47.89009

#1	-.000010	-.000129	.0115250	.0001274	.0005162	.0056280	.0112057
#2	.000107	-.000190	.0121297	.0003144	-.000369	.0075900	.0251718
#3	.000033	-.000053	.0319113	.0000690	-.000093	.0035912	.0122906

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000373	.0000316	.0001030	-.000258	-.057306	.0013688	-.000259
Stddev	.000827	.0350798	.0002602	.000333	.311795	.0050801	.015295
%RSD	221.9091	110916.9	252.6413	129.0944	544.0910	371.1321	5905.302

#1	-.000873	-.033951	.0001529	-.000505	-.379996	-.002703	.010335
#2	-.000827	.036114	.0003347	.000121	.242312	-.000252	.006681
#3	.000582	-.002068	-.000179	-.000391	-.034233	.007062	-.017794

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0300784	.0006863	.0042664	.0001079	-.034555	.0010931	.0003807
Stddev	.0675528	.0012447	.0012832	.0001395	.003406	.0008267	.0013463
%RSD	224.5888	181.3569	30.07705	129.2186	9.857218	75.62207	353.6016

#1	.0194034	-.000628	.0045917	-.000004	-.033513	.0017398	.0018705
#2	-.031501	.000839	.0028519	.000264	-.038360	.0001618	.0000208
#3	.102333	.001847	.0053557	.000063	-.031791	.0013779	-.000749

Sample Name: CCB072 Acquired: 7/20/2018 14:10:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB072 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006708	.0027016	-.000068
Stddev	.0014615	.0014910	.000132
%RSD	217.8569	55.18839	195.1441

#1	-.000304	.0026284	.000015
#2	.002351	.0012486	-.000220
#3	-.000035	.0042279	.000002

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2046.661	2541.992	40843.64	4701.133	3310.860
Stddev	20.753	8.786	279.69	34.038	8.236
%RSD	1.013996	.3456152	.6847726	.7240393	.2487442

#1	2023.070	2547.871	40522.89	4679.600	3317.878
#2	2054.812	2546.211	41036.69	4740.375	3312.908
#3	2062.101	2531.892	40971.32	4683.425	3301.793

Sample Name: PB111112BL Acquired: 7/20/2018 14:14:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN 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	.0010449	-.000609	-.001246	-.001143	-.000348	.0118244	.0010270
Stddev	.0017355	.001304	.000499	.003062	.001500	.0091102	.0008602
%RSD	166.0951	213.9653	40.05709	267.8191	430.9010	77.04578	83.76701

#1	.0028949	.000585	-.001186	-.004411	-.001691	.0025866	.0005435
#2	.0007868	-.000413	-.001772	-.000679	-.000625	.0120853	.0020202
#3	-.000547	-.002000	-.000780	.001660	.001271	.0208014	.0005172

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000805	-.000077	.0078211	-.000222	.0001229	.0035652	.0206780
Stddev	.0000558	.000094	.0189114	.000427	.0000564	.0009524	.0245822
%RSD	69.33276	122.3269	241.7987	192.3124	45.91758	26.71223	118.8809

#1	.0001217	-.000166	.0069020	-.000121	.0001649	.0045920	.0093603
#2	.0001030	-.000086	-.010614	-.000691	.0000587	.0033931	.0488804
#3	.0000170	.000021	.027175	.000146	.0001449	.0027107	.0037932

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012395	-.033442	.0001875	-.000147	.2514872	-.001339	-.004792
Stddev	.0013341	.026050	.0000590	.000167	.2167146	.007421	.014199
%RSD	107.6332	77.89627	31.48326	113.9901	86.17320	554.0580	296.3030

#1	.0026291	-.029659	.0001717	.000041	.3302770	-.008050	-.020257
#2	-.000031	-.061177	.0002528	-.000200	.4177847	-.002598	.007655
#3	.001121	-.009490	.0001379	-.000281	.0064000	.006630	-.001774

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.040849	.0026821	-.000819	-.000395	-.038651	.0001411	-.000715
Stddev	.104028	.0037985	.000832	.000619	.004512	.0017718	.000846
%RSD	254.6641	141.6246	101.5674	156.4523	11.67394	1256.119	118.3216

#1	.019258	.0070575	-.000582	.000319	-.034233	-.000651	-.000249
#2	.019165	.0002303	-.000132	-.000755	-.038467	.002171	-.001691
#3	-.160970	.0007584	-.001745	-.000750	-.043252	-.001096	-.000204

Sample Name: PB111112BL Acquired: 7/20/2018 14:14:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0016181	-.002097	-.000008
Stddev	.0041574	.002106	.000036
%RSD	256.9368	100.4096	445.6982

#1	.0028776	-.001299	-.000021
#2	-.003023	-.004486	.000033
#3	.005000	-.000508	-.000036

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2067.412	2571.203	41153.52	4761.308	3347.336
Stddev	14.012	11.063	255.91	44.974	12.002
%RSD	.6777695	.4302686	.6218305	.9445742	.3585399

#1	2064.196	2580.664	41015.34	4774.550	3354.545
#2	2082.752	2573.906	41448.81	4711.200	3353.980
#3	2055.287	2559.039	40996.41	4798.175	3333.481

Sample Name: PB111112BS Acquired: 7/20/2018 14:18:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0185152	.0529495	.0213908	.0746834	.1241030	.4108433
Stddev	.0056841	.0015937	.0014587	.0006194	.0009416	.0183348
%RSD	30.69958	3.009850	6.819132	.8294172	.7587579	4.462732

#1	.0125125	.0547057	.0230509	.0749386	.1233733	.4164838
#2	.0238153	.0525475	.0203142	.0739772	.1237697	.3903509
#3	.0192177	.0515953	.0208073	.0751345	.1251660	.4256951

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4341288	.0110168	.0112996	10.69934	.0227403	.1067380
Stddev	.0034705	.0000840	.0000431	.07412	.0006764	.0006038
%RSD	.7994181	.7622979	.3818745	.6927228	2.974238	.5656484

#1	.4309289	.0110993	.0112503	10.64527	.0231469	.1061020
#2	.4336395	.0109314	.0113306	10.66893	.0231144	.1073033
#3	.4378180	.0110196	.0113177	10.78383	.0219595	.1068087

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0481048	.2529469	.0354041	10.30517	.0897776	.0198962
Stddev	.0019789	.0486741	.0008471	.01126	.0004223	.0003661
%RSD	4.113755	19.24281	2.392594	.1092450	.4703379	1.839989

#1	.0482731	.2295832	.0347813	10.29248	.0892997	.0199145
#2	.0499942	.2203594	.0350623	10.31394	.0899329	.0195213
#3	.0460471	.3088980	.0363687	10.30910	.0901003	.0202528

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.39734	.1118342	.1267395	10.19388	F .0324019	F .0187752
Stddev	.45017	.0028795	.0109858	.11378	.0016073	.0004763
%RSD	4.329679	2.574822	8.668022	1.116180	4.960438	2.537036

#1	10.33143	.1097313	.1257032	10.06335	.0340699	.0184808
#2	10.87684	.1106552	.1163086	10.24614	.0322725	.0193247
#3	9.98376	.1151162	.1382068	10.27214	.0308631	.0185199

Sample Name: PB111112BS Acquired: 7/20/2018 14:18:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0206307	.1645929	.2083071	F .0153732	.2199097	.0980244
Stddev	.0000592	.0044591	.0009807	.0013345	.0011102	.0018288
%RSD	.2868910	2.709176	.4707780	8.680678	.5048444	1.865660

#1	.0206705	.1683762	.2078631	.0165242	.2205793	.0969636
#2	.0205626	.1596766	.2094312	.0139104	.2205217	.0969735
#3	.0206588	.1657260	.2076269	.0156848	.2186282	.1001361

Elem	Sr4077
Units	ppm
Avg	.2153487
Stddev	.0002967
%RSD	.1377937

#1	.2150180
#2	.2154363
#3	.2155918

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2009.188	2502.283	40244.67	4638.633	3323.861
Stddev	5.023	9.109	172.87	17.098	11.161
%RSD	.2499833	.3640353	.4295375	.3686022	.3357959

#1	2014.769	2509.370	40436.23	4658.375	3326.029
#2	2007.763	2505.471	40100.29	4628.975	3333.779
#3	2005.032	2492.008	40197.49	4628.550	3311.775

Sample Name: J3939-01 Acquired: 7/20/2018 14:22:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBEMG1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066934	.0000506	.0155807	-.000089	-.004267	1.890272	.1397580
Stddev	.0036549	.0002067	.0021498	.000286	.000953	.009694	.0005034
%RSD	54.60377	408.5221	13.79756	321.7125	22.32476	.5128568	.3602157

#1	.0033701	.0002883	.0177687	-.000322	-.004938	1.885887	.1403165
#2	.0061024	-.000087	.0155021	-.000174	-.003177	1.901384	.1396187
#3	.0106078	-.000050	.0134714	.000230	-.004687	1.883545	.1393390

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002432	-.000005	166.9137	.0042353	.0015244	.0142357	3.839783
Stddev	.0000496	.000113	.6014	.0005198	.0001575	.0006634	.041052
%RSD	20.40246	2144.952	.3602866	12.27202	10.32979	4.660019	1.069119

#1	.0001917	.000126	167.5893	.0047500	.0014706	.0149740	3.878486
#2	.0002471	-.000068	166.7150	.0042454	.0014009	.0140430	3.796729
#3	.0002907	-.000073	166.4369	.0037106	.0017017	.0136899	3.844134

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6840550	43.77283	.0081374	-.000014	107.1700	-.000962	.0398668
Stddev	.0005870	.05557	.0003887	.000391	1.1004	.001033	.0069295
%RSD	.0858063	.1269504	4.776592	2848.019	1.026767	107.4392	17.38161

#1	.6836526	43.79819	.0077678	-.000421	108.3931	.000092	.0460005
#2	.6847285	43.70910	.0085427	.000022	106.8566	-.001974	.0323501
#3	.6837840	43.81119	.0081018	.000358	106.2604	-.001004	.0412497

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.647211	.1044029	.0667888	.0004979	25.87652	6.425141	-.003329
Stddev	.092976	.0046816	.0020646	.0000689	.21584	.068553	.000957
%RSD	14.36562	4.484145	3.091155	13.82772	.8341166	1.066952	28.75222

#1	-.542128	.0990990	.0691368	.0004308	25.76498	6.503401	-.003060
#2	-.718798	.1061497	.0652577	.0004946	25.73927	6.396313	-.004391
#3	-.680706	.1079598	.0659720	.0005684	26.12531	6.375710	-.002534

Sample Name: J3939-01 Acquired: 7/20/2018 14:22:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBEMG1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0103150	.0031476	.3735963
Stddev	.0012162	.0028635	.0005432
%RSD	11.79042	90.97404	.1454064

#1	.0094538	.0001114	.3742164
#2	.0117063	.0035319	.3733683
#3	.0097849	.0057996	.3732043

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2028.969	2511.683	40797.98	4638.860	3315.044
Stddev	13.537	5.653	176.02	27.414	12.597
%RSD	.6672100	.2250689	.4314317	.5909658	.3799815

#1	2013.844	2513.777	40677.11	4608.860	3321.353
#2	2039.952	2515.991	40999.92	4662.607	3323.240
#3	2033.110	2505.282	40716.92	4645.114	3300.540

Sample Name: J3939-02 Acquired: 7/20/2018 14:26:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBEMG1D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057214	.0010480	.0159408	-.002092	-.003166	1.848091	.1355184
Stddev	.0027284	.0015609	.0005808	.001563	.001439	.045184	.0016166
%RSD	47.68804	148.9491	3.643691	74.70481	45.43902	2.444926	1.192928

#1	.0079282	.0027261	.0164282	-.001904	-.003861	1.805074	.1337072
#2	.0065652	-.000361	.0160961	-.003740	-.001512	1.844031	.1360324
#3	.0026707	.000778	.0152981	-.000632	-.004126	1.895168	.1368155

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002631	-.000091	162.3154	.0031680	.0019171	.0123393	3.777356
Stddev	.0000423	.000028	1.8747	.0008085	.0000915	.0027960	.046711
%RSD	16.07728	31.31060	1.154985	25.51900	4.771388	22.65922	1.236618

#1	.0003113	-.000060	160.1521	.0031752	.0019086	.0140192	3.723736
#2	.0002456	-.000116	163.3284	.0039729	.0018301	.0138870	3.809225
#3	.0002323	-.000096	163.4657	.0023560	.0020125	.0091117	3.799108

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6571703	42.27775	.0075708	-.000136	103.8839	-.000970	.0372188
Stddev	.0052208	.59798	.0002309	.000524	1.3346	.001112	.0026207
%RSD	.7944384	1.414406	3.050473	386.7231	1.284677	114.6368	7.041277

#1	.6513629	41.63433	.0077954	-.000571	102.3436	-.000006	.0385481
#2	.6586732	42.38249	.0073340	-.000281	104.6131	-.000718	.0341998
#3	.6614748	42.81645	.0075830	.000446	104.6951	-.002186	.0389084

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.794351	.1052715	.0615130	.0004827	25.47319	6.200297	-.003230
Stddev	.086239	.0001003	.0005151	.0001757	.11396	.042709	.000344
%RSD	10.85649	.0952308	.8373859	36.40456	.4473643	.6888199	10.64273

#1	-.885392	.1053709	.0609776	.0002977	25.40861	6.166193	-.003294
#2	-.783772	.1051705	.0620051	.0005031	25.40620	6.248199	-.002859
#3	-.713890	.1052731	.0615564	.0006473	25.60477	6.186499	-.003537

Sample Name: J3939-02 Acquired: 7/20/2018 14:26:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBEMG1D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0117394	.0038046	.3643591
Stddev	.0014623	.0007110	.0042492
%RSD	12.45644	18.68673	1.166218

#1	.0110234	.0034516	.3594862
#2	.0134218	.0033392	.3672927
#3	.0107731	.0046229	.3662983

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2053.110	2534.049	41320.86	4794.985	3351.777
Stddev	12.116	7.958	126.55	40.547	8.556
%RSD	.5901231	.3140395	.3062716	.8456117	.2552796

#1	2040.411	2536.760	41222.09	4841.170	3357.969
#2	2064.544	2540.298	41463.52	4778.541	3355.348
#3	2054.376	2525.090	41276.99	4765.242	3342.013

Sample Name: J3939-03 Acquired: 7/20/2018 14:30:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBEMG1S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0542007	.0589889	.0381288	.0616157	.1100253	3.924918	2.495235
Stddev	.0020645	.0013133	.0022591	.0033110	.0015122	.039413	.005531
%RSD	3.808994	2.226344	5.925025	5.373549	1.374432	1.004170	.2216819

#1	.0556407	.0579962	.0400495	.0577929	.1089181	3.908397	2.489372
#2	.0518354	.0584924	.0386971	.0634847	.1094096	3.896454	2.500361
#3	.0551260	.0604780	.0356398	.0635697	.1117483	3.969902	2.495971

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0613042	.0597703	159.6334	.2427174	.5830161	.2736218	4.909770
Stddev	.0003942	.0001644	.3437	.0007018	.0016168	.0069688	.044175
%RSD	.6429943	.2750942	.2152859	.2891548	.2773198	2.546862	.8997374

#1	.0609800	.0597678	159.2417	.2434708	.5836007	.2766995	4.862770
#2	.0617430	.0596071	159.8841	.2425994	.5811883	.2785219	4.916103
#3	.0611897	.0599359	159.7744	.2420820	.5842593	.2656440	4.950437

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.251614	41.75514	.6001819	.0550568	102.8811	.6201504	.6090484
Stddev	.001922	.13568	.0014873	.0002618	.2531	.0109145	.0019723
%RSD	.1535491	.3249359	.2478050	.4754747	.2459776	1.759982	.3238277

#1	1.252237	41.80768	.6004572	.0547908	102.7346	.6235308	.6074787
#2	1.249457	41.85670	.5985763	.0553141	103.1734	.6079456	.6112622
#3	1.253146	41.60105	.6015124	.0550654	102.7355	.6289748	.6084044

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.757859	.1089298	.0612477	.0005094	24.74546	6.123873	-.004118
Stddev	.094114	.0013874	.0005690	.0001536	.09732	.043581	.001356
%RSD	12.41834	1.273631	.9290416	30.16081	.3932831	.7116502	32.93388

#1	-.866218	.1074627	.0614740	.0006864	24.68528	6.085834	-.002648
#2	-.696528	.1102205	.0616688	.0004099	24.69336	6.171424	-.004384
#3	-.710831	.1091062	.0606004	.0004320	24.85774	6.114361	-.005321

Sample Name: J3939-03 Acquired: 7/20/2018 14:30:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBEMG1S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0095341	.0032295	.3583723
Stddev	.0032888	.0009488	.0007664
%RSD	34.49505	29.37809	.2138462

#1	.0116610	.0027958	.3583105
#2	.0057461	.0043176	.3576387
#3	.0111952	.0025751	.3591677

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2068.209	2557.113	41638.49	4764.763	3378.648
Stddev	14.810	15.224	115.96	11.706	12.948
%RSD	.7160627	.5953782	.2785007	.2456800	.3832262

#1	2067.613	2565.849	41511.52	4769.882	3384.297
#2	2053.707	2565.956	41665.14	4773.038	3387.811
#3	2083.308	2539.533	41738.81	4751.370	3363.835

Sample Name: J3939-01LX5 Acquired: 7/20/2018 14:34:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBEMG1L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021910	-.000814	.0025827	.0002721	.0000409	.3559391	.0277347
Stddev	.0035026	.002397	.0025981	.0012402	.0002753	.0216050	.0001940
%RSD	159.8638	294.2567	100.5948	455.8859	672.7767	6.069849	.6994042

#1	-.000949	.001796	.0055628	.0001572	-.000249	.3554401	.0277032
#2	.005969	-.001323	.0007939	-.000907	.000074	.3345880	.0275583
#3	.001553	-.002916	.0013914	.001566	.000298	.3777893	.0279424

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000865	-.000096	32.16689	.0010040	-.000127	.0084333	.7774398
Stddev	.0000399	.000019	.02690	.0001974	.000181	.0009169	.0195856
%RSD	46.16016	20.34485	.0836366	19.65656	142.5931	10.87185	2.519240

#1	.0001060	-.000083	32.16735	.0008210	.000044	.0075770	.7617333
#2	.0000406	-.000086	32.19356	.0012131	-.000108	.0094006	.7993847
#3	.0001129	-.000118	32.13976	.0009779	-.000317	.0083224	.7712015

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1343368	8.301688	.0014980	-.000095	20.66573	-.007469	.0050310
Stddev	.0008926	.051276	.0003251	.000345	.23209	.003164	.0093095
%RSD	.6644272	.6176550	21.70549	362.3604	1.123083	42.35872	185.0427

#1	.1349075	8.359528	.0017604	-.000197	20.48533	-.010780	.0078561
#2	.1347948	8.283726	.0011342	-.000378	20.58430	-.007148	-.005364
#3	.1333082	8.261809	.0015992	.000289	20.92757	-.004478	.012601

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.157205	.0230916	.0059610	.0001536	4.905203	1.190870	-.001372
Stddev	.088133	.0004234	.0003895	.0004095	.036466	.006303	.000771
%RSD	56.06228	1.833417	6.534549	266.5600	.7434077	.5292976	56.17897

#1	-.247489	.0235623	.0062856	.0004676	4.892363	1.193127	-.002240
#2	-.152732	.0229710	.0055290	-.000310	4.876894	1.183749	-.000766
#3	-.071394	.0227417	.0060685	.000303	4.946352	1.195733	-.001110

Sample Name: J3939-01LX5 Acquired: 7/20/2018 14:34:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBEMG1L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0039523	.0012596	.0723700
Stddev	.0019308	.0019923	.0001231
%RSD	48.85317	158.1717	.1701526

#1	.0061418	.0033775	.0722517
#2	.0024934	.0009785	.0724975
#3	.0032217	-.000577	.0723610

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1978.193	2457.489	39847.01	4680.292	3258.514
Stddev	11.265	12.367	178.65	15.411	18.211
%RSD	.5694590	.5032228	.4483380	.3292791	.5588791

#1	1985.972	2459.621	40030.33	4690.975	3260.360
#2	1965.275	2468.651	39673.43	4687.275	3275.733
#3	1983.332	2444.195	39837.29	4662.625	3239.451

Sample Name: J3939-04 Acquired: 7/20/2018 14:38:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBEMG2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110455	.0020275	.0311420	.0001423	-.001788	2.295123	.1445122
Stddev	.0034815	.0009718	.0013521	.0010273	.001620	.022039	.0009201
%RSD	31.51993	47.93221	4.341647	721.8884	90.60312	.9602493	.6366831

#1	.0150601	.0017258	.0326679	-.000558	-.003516	2.295813	.1454123
#2	.0092207	.0012423	.0300930	.001322	-.000303	2.316809	.1445509
#3	.0088557	.0031144	.0306651	-.000336	-.001545	2.272748	.1435733

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003484	-.000129	128.3251	.0100721	.0028835	.0157368	7.485547
Stddev	.0000418	.000064	.4254	.0006584	.0001646	.0034867	.031241
%RSD	11.98867	49.96053	.3315081	6.536991	5.708291	22.15635	.4173529

#1	.0003388	-.000170	128.4334	.0096582	.0027795	.0197410	7.483213
#2	.0003941	-.000161	128.6858	.0097267	.0027978	.0133716	7.517890
#3	.0003122	-.000055	127.8560	.0108313	.0030733	.0140977	7.455539

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3021355	34.34201	.0092337	.0002018	65.13192	.0048356	.0594104
Stddev	.0011567	.12948	.0001859	.0005268	.65186	.0067130	.0309583
%RSD	.3828467	.3770178	2.013302	261.0850	1.000833	138.8239	52.10918

#1	.3008357	34.36107	.0092787	-.000250	65.36451	-.000221	.0735721
#2	.3030515	34.46090	.0090294	.000075	65.63559	.002276	.0239042
#3	.3025193	34.20406	.0093930	.000780	64.39567	.012452	.0807549

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.489647	.2468051	.1242612	.0142235	24.53902	7.868557	.0018104
Stddev	.142768	.0003529	.0014238	.0003182	.11957	.122536	.0013616
%RSD	4.091194	.1429756	1.145838	2.237311	.4872764	1.557280	75.21023

#1	3.569592	.2471554	.1248386	.0145818	24.54236	7.976807	.0014115
#2	3.574531	.2468102	.1253056	.0141146	24.41782	7.893342	.0033269
#3	3.324817	.2464497	.1226393	.0139740	24.65689	7.735524	.0006928

Sample Name: J3939-04 Acquired: 7/20/2018 14:38:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBEMG2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0174436	.0029082	.6313523
Stddev	.0023865	.0014447	.0027910
%RSD	13.68094	49.67743	.4420665

#1	.0201575	.0015415	.6331643
#2	.0156729	.0027630	.6327543
#3	.0165004	.0044199	.6281382

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2101.164	2608.952	42210.05	4847.646	3433.405
Stddev	12.691	7.026	158.22	42.990	5.361
%RSD	.6039854	.2693197	.3748446	.8868169	.1561343

#1	2088.032	2614.172	42173.81	4826.919	3434.240
#2	2113.362	2611.720	42383.25	4818.946	3438.299
#3	2102.098	2600.962	42073.09	4897.072	3427.675

Sample Name: J3939-05 Acquired: 7/20/2018 14:42:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBEMG3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087682	.0004351	.0322332	.0016930	-.002402	2.294246	.3161969
Stddev	.0021195	.0009453	.0024300	.0010091	.000938	.008146	.0013286
%RSD	24.17213	217.2359	7.538810	59.60443	39.04399	.3550525	.4201802

#1	.0100340	-.000567	.0338760	.0009046	-.001400	2.295426	.3174965
#2	.0063213	.001311	.0333818	.0013442	-.002547	2.285574	.3148411
#3	.0099493	.000561	.0294418	.0028303	-.003258	2.301737	.3162529

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004248	-.000004	328.3463	.0043938	.0047170	.0260836	5.975124
Stddev	.0000531	.000045	.8064	.0006213	.0004200	.0029068	.048342
%RSD	12.51141	1099.391	.2456019	14.14101	8.903106	11.14433	.8090483

#1	.0004041	-.000006	328.9357	.0037272	.0052013	.0294270	5.962230
#2	.0003852	.000042	327.4273	.0049568	.0044966	.0241543	6.028605
#3	.0004852	-.000048	328.6760	.0044975	.0044531	.0246696	5.934536

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3748908	102.8914	.0188813	.0000439	211.1949	-.000950	.0503589
Stddev	.0021876	.3511	.0002452	.0003436	.5222	.004130	.0057627
%RSD	.5835377	.3412337	1.298553	782.3621	.2472535	434.6645	11.44332

#1	.3733395	103.1226	.0187758	-.000269	210.9157	.001444	.0531140
#2	.3739400	102.4873	.0191615	-.000010	210.8716	.001425	.0542269
#3	.3773929	103.0641	.0187065	.000411	211.7973	-.005719	.0437358

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.719662	.1622874	.0789790	.0062086	12.08199	7.244080	-.002918
Stddev	.034801	.0006082	.0015565	.0001635	.10899	.083372	.000898
%RSD	1.279601	.3747532	1.970757	2.633688	.9020605	1.150895	30.78292

#1	2.687304	.1615896	.0798841	.0061383	11.96700	7.306383	-.002404
#2	2.715206	.1625683	.0798711	.0060919	12.09521	7.276487	-.003955
#3	2.756476	.1627044	.0771817	.0063955	12.18377	7.149371	-.002395

Sample Name: J3939-05 Acquired: 7/20/2018 14:42:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBEMG3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0086585	.0173048	.8187851
Stddev	.0014090	.0032771	.0015984
%RSD	16.27342	18.93735	.1952194

#1	.0076072	.0210401	.8204981
#2	.0081087	.0159611	.8173334
#3	.0102595	.0149131	.8185237

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1974.939	2434.676	40138.23	4613.641	3170.666
Stddev	3.083	5.968	106.89	29.502	3.502
%RSD	.1560873	.2451398	.2663021	.6394552	.1104624

#1	1978.298	2429.644	40158.40	4584.116	3171.614
#2	1972.239	2441.270	40233.60	4613.686	3173.597
#3	1974.281	2433.113	40022.70	4643.121	3166.787

Sample Name: J3939-06 Acquired: 7/20/2018 14:46:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBEMG4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083530	-.000120	.0190737	.0010746	-.003022	5.098656	.1072032
Stddev	.0031473	.000999	.0019025	.0012116	.000704	.044773	.0009607
%RSD	37.67892	832.8314	9.974327	112.7545	23.28729	.8781351	.8961238

#1	.0047531	.000500	.0169538	.0024727	-.002310	5.047046	.1081050
#2	.0097211	-.001272	.0196348	.0004190	-.003717	5.121826	.1061929
#3	.0105847	.000413	.0206325	.0003320	-.003039	5.127096	.1073116

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004869	-.000164	104.4173	.0066651	.0027025	.0145783	4.979144
Stddev	.0000452	.000087	.6625	.0004837	.0002459	.0013155	.050563
%RSD	9.284856	52.82190	.6344535	7.257091	9.098289	9.023439	1.015505

#1	.0004731	-.000065	104.8990	.0071768	.0029504	.0149503	4.946012
#2	.0004502	-.000200	103.6618	.0066031	.0026984	.0156677	4.954077
#3	.0005374	-.000227	104.6912	.0062153	.0024587	.0131169	5.037344

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3293638	24.45567	.0093017	.0001278	40.09216	.0054445	.0309224
Stddev	.0031926	.05247	.0003012	.0003481	.26692	.0085860	.0006836
%RSD	.9693305	.2145713	3.238239	272.4250	.6657752	157.6995	2.210851

#1	.3305059	24.50206	.0089827	.0003011	40.15845	-.001625	.0301482
#2	.3257572	24.46623	.0093412	.0003552	39.79834	.014999	.0314433
#3	.3318283	24.39872	.0095813	-.000273	40.31970	.002959	.0311755

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.705800	.1380992	.0998401	.0042467	24.95790	12.34872	-.003321
Stddev	.097716	.0023317	.0023029	.0003013	.09923	.20651	.000138
%RSD	2.076494	1.688416	2.306634	7.094019	.3975780	1.672288	4.154042

#1	4.686093	.1354480	.0981372	.0045588	24.88456	12.33134	-.003345
#2	4.619439	.1398311	.0989227	.0039576	24.91833	12.15144	-.003173
#3	4.811867	.1390185	.1024604	.0042235	25.07080	12.56336	-.003445

Sample Name: J3939-06 Acquired: 7/20/2018 14:46:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBEMG4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1780527	-.000507	.4287192
Stddev	.0063244	.000964	.0010933
%RSD	3.552008	190.2223	.2550040

#1	.1707510	-.001373	.4288289
#2	.1818176	.000533	.4275752
#3	.1815895	-.000681	.4297535

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2069.184	2554.453	41611.14	5113.192	3366.761
Stddev	20.498	5.726	241.11	68.913	10.206
%RSD	.9906545	.2241724	.5794254	1.347745	.3031513

#1	2092.147	2553.852	41889.52	5152.994	3366.704
#2	2062.675	2560.456	41475.36	5152.963	3376.995
#3	2052.731	2549.051	41468.55	5033.618	3356.583

Sample Name: J3939-07 Acquired: 7/20/2018 14:50:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBEMG5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087067	.0041768	.0587527	-.000895	-.000617	2.219949	.0353149
Stddev	.0047329	.0027493	.0030983	.003786	.000134	.036107	.0011865
%RSD	54.35934	65.82353	5.273421	423.0549	21.76545	1.626482	3.359786

#1	.0129059	.0053604	.0622422	-.004182	-.000464	2.178357	.0340738
#2	.0035780	.0061360	.0576912	-.001748	-.000671	2.243263	.0354328
#3	.0096363	.0010339	.0563247	.003245	-.000716	2.238225	.0364381

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005789	.0008590	66.09625	.0091408	.0041262	.1310615	3.439457
Stddev	.0000227	.0000649	.16828	.0005501	.0001234	.0044908	.040790
%RSD	3.918967	7.556691	.2546045	6.017852	2.990327	3.426510	1.185955

#1	.0005527	.0009021	66.27191	.0097547	.0042181	.1325948	3.424433
#2	.0005913	.0008905	65.93646	.0089748	.0041744	.1260049	3.408310
#3	.0005927	.0007843	66.08038	.0086928	.0039860	.1345849	3.485629

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3667922	25.21175	.0170873	.0003240	357.3100	.0095296	.1519500
Stddev	.0025047	.08692	.0002783	.0000682	1.3691	.0032305	.0053095
%RSD	.6828593	.3447535	1.628885	21.04086	.3831756	33.89951	3.494215

#1	.3657147	25.27013	.0174078	.0002454	358.8262	.0126775	.1467124
#2	.3650066	25.25326	.0169484	.0003605	356.1643	.0062224	.1573285
#3	.3696553	25.11186	.0169058	.0003662	356.9394	.0096889	.1518091

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.40012	25.81994	.0724798	.0062242	33.46306	7.878996	.0014753
Stddev	.04010	.17053	.0007432	.0005624	.10967	.121300	.0010897
%RSD	.2445242	.6604565	1.025433	9.035743	.3277262	1.539539	73.85987

#1	16.37255	25.68662	.0725017	.0068447	33.39119	7.968462	.0006115
#2	16.44613	25.76110	.0717258	.0060798	33.40871	7.927593	.0011149
#3	16.38168	26.01209	.0732118	.0057480	33.58929	7.740932	.0026995

Sample Name: J3939-07 Acquired: 7/20/2018 14:50:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBEMG5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0642992	.0093825	.1389385
Stddev	.0130927	.0017360	.0010201
%RSD	20.36209	18.50300	.7342121

#1	.0576162	.0113811	.1381937
#2	.0558967	.0082495	.1385207
#3	.0793847	.0085167	.1401012

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2013.162	2493.912	40334.54	4647.382	3273.329
Stddev	22.043	5.973	143.57	15.767	13.914
%RSD	1.094937	.2395027	.3559378	.3392571	.4250848

#1	2015.940	2496.065	40373.68	4630.919	3284.817
#2	1989.862	2498.511	40175.46	4662.345	3277.313
#3	2033.685	2487.162	40454.48	4648.881	3257.857

Sample Name: J3939-08 Acquired: 7/20/2018 14:54:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBEMG6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0207510	.0022689	.1625726	-.000407	-.001997	1.627937	.0325119
Stddev	.0029970	.0005329	.0020359	.001652	.001264	.009475	.0006977
%RSD	14.44247	23.48791	1.252289	405.8164	63.29149	.5820175	2.145853

#1	.0185982	.0017235	.1613911	-.001299	-.003361	1.635472	.0331338
#2	.0241738	.0027884	.1614032	-.001422	-.000865	1.631039	.0326444
#3	.0194810	.0022948	.1649234	.001499	-.001767	1.617300	.0317575

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005980	.0021122	44.71686	.0298544	.0057644	.0806123	3.161822
Stddev	.0000283	.0000670	.15380	.0004006	.0001324	.0025684	.019143
%RSD	4.726656	3.170356	.3439376	1.341741	2.296122	3.186076	.6054536

#1	.0005952	.0020350	44.56685	.0296560	.0058650	.0829577	3.149768
#2	.0006276	.0021472	44.87419	.0295917	.0058138	.0810115	3.151803
#3	.0005713	.0021544	44.70953	.0303154	.0056145	.0778677	3.183896

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3608070	5.294437	.0340869	.0002754	213.5975	.0235093	.3590098
Stddev	.0015069	.079997	.0000947	.0004111	.6465	.0100463	.0066862
%RSD	.4176501	1.510966	.2778259	149.2510	.3026550	42.73338	1.862401

#1	.3604780	5.207401	.0340230	-.000199	212.8853	.0283894	.3601963
#2	.3594917	5.311159	.0340420	.000494	213.7603	.0119551	.3518098
#3	.3624512	5.364752	.0341957	.000531	214.1471	.0301833	.3650234

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.384228	31.69810	.0988025	.0380875	31.61013	9.050479	-.000163
Stddev	.060063	.10623	.0018064	.0001831	.07052	.052026	.000991
%RSD	1.115541	.3351330	1.828312	.4806013	.2231072	.5748450	607.2844

#1	5.444966	31.78141	.0984938	.0379848	31.60912	8.995724	-.000260
#2	5.382854	31.57848	.0971704	.0379789	31.54011	9.056452	.000873
#3	5.324863	31.73443	.1007434	.0382989	31.68115	9.099261	-.001103

Sample Name: J3939-08 Acquired: 7/20/2018 14:54:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBEMG6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0582188	-.007319	.1409129
Stddev	.0144508	.001910	.0003540
%RSD	24.82152	26.09348	.2512423

#1	.0716061	-.009524	.1409818
#2	.0428990	-.006203	.1412273
#3	.0601514	-.006229	.1405294

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2018.424	2542.762	40611.22	4680.317	3338.721
Stddev	2.316	8.693	146.64	15.383	7.464
%RSD	.1147465	.3418763	.3610715	.3286776	.2235454

#1	2020.821	2552.419	40519.42	4686.125	3344.390
#2	2016.198	2540.308	40533.92	4662.875	3341.509
#3	2018.253	2535.560	40780.34	4691.950	3330.265

Sample Name: PB111295BL Acquired: 7/20/2018 14:59:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN 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	.0000475	-.000876	-.002044	-.000902	-.001491	.0106030	.0003114
Stddev	.0012073	.003761	.001285	.003055	.000488	.0095705	.0004268
%RSD	2540.768	429.1863	62.87465	338.8157	32.76337	90.26226	137.0893

#1	-.001252	-.000794	-.001381	-.000453	-.001062	.0182645	.0006301
#2	.001134	.002843	-.001226	.001904	-.002022	-.000125	-.000174
#3	.000261	-.004677	-.003525	-.004157	-.001387	.013669	.000478

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000930	-.000104	.0132816	.0001222	.0001239	.0051594	.0063417
Stddev	.0000724	.000015	.0082840	.0002776	.0001043	.0043195	.0114711
%RSD	77.81059	14.08249	62.37190	227.0882	84.18134	83.72058	180.8833

#1	.0000260	-.000090	.0109293	-.000103	.0002308	.0020108	.0032650
#2	.0000833	-.000103	.0224873	.000432	.0000224	.0100838	-.003277
#3	.0001698	-.000119	.0064281	.000037	.0001186	.0033837	.019038

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000656	-.013277	.0005530	-.000043	.0038153	.0001305	.0028403
Stddev	.000450	.045388	.0006613	.000449	.1238058	.0112778	.0175709
%RSD	68.58344	341.8636	119.5777	1053.714	3244.988	8639.908	618.6256

#1	-.000798	.028098	-.000113	.000133	.1463325	-.007712	.0231243
#2	-.001019	-.006104	.000564	.000291	-.057722	-.004951	-.007696
#3	-.000152	-.061823	.001209	-.000552	-.077165	.013055	-.006907

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1220181	.0014344	-.005964	-.000092	.0287099	.0033916	-.000404
Stddev	.0699145	.0007899	.000960	.000136	.0185939	.0012001	.001711
%RSD	57.29847	55.06972	16.09088	147.0896	64.76465	35.38526	423.1631

#1	.1327873	.0006585	-.006947	.000063	.0476679	.0047703	-.002125
#2	.1859231	.0014070	-.005916	-.000153	.0279589	.0025813	.001297
#3	.0473438	.0022376	-.005030	-.000187	.0105029	.0028231	-.000384

Sample Name: PB111295BL Acquired: 7/20/2018 14:59:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002335	.0127505	-.000039
Stddev	.0020919	.0008875	.000037
%RSD	895.7060	6.960831	95.32776

#1	-.002136	.0123706	-.000012
#2	.001010	.0137648	-.000082
#3	.001826	.0121161	-.000023

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2025.208	2534.066	40603.66	4706.817	3288.194
Stddev	15.624	8.239	216.99	14.668	7.293
%RSD	.7715007	.3251177	.5344025	.3116408	.2218043

#1	2030.050	2527.099	40767.53	4708.450	3285.042
#2	2007.736	2543.159	40357.58	4691.400	3296.533
#3	2037.839	2531.939	40685.88	4720.600	3283.006

Sample Name: PB111295BS Acquired: 7/20/2018 15:03:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0192883	.0510785	.0205508	.0697917	.1210198	.3958668
Stddev	.0029242	.0033335	.0013554	.0014018	.0008411	.0154172
%RSD	15.16066	6.526156	6.595442	2.008573	.6950107	3.894544

#1	.0212443	.0511730	.0204491	.0682540	.1205495	.3801252
#2	.0159266	.0543637	.0192491	.0709985	.1205189	.4109377
#3	.0206938	.0476988	.0219542	.0701225	.1219908	.3965375

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4243757	.0108079	.0108979	10.40961	.0225806	.1034628
Stddev	.0011453	.0000994	.0000183	.05785	.0004843	.0007623
%RSD	.2698717	.9200449	.1683216	.5557134	2.144570	.7367725

#1	.4231379	.0108949	.0108863	10.36977	.0227528	.1030911
#2	.4245917	.0108292	.0108883	10.47597	.0220338	.1029576
#3	.4253977	.0106995	.0109190	10.38310	.0229553	.1043396

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0475657	.2349545	.0334834	10.05798	.0887408	.0193093
Stddev	.0051955	.0305000	.0001736	.07815	.0003216	.0002648
%RSD	10.92280	12.98124	.5184371	.7770027	.3624441	1.371403

#1	.0432381	.2066714	.0333030	9.98967	.0888337	.0194725
#2	.0533277	.2672702	.0334981	10.04106	.0890058	.0190037
#3	.0461312	.2309220	.0336492	10.14320	.0883830	.0194515

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.09131	.1045739	.1251144	9.982802	F .0341406	.0116184
Stddev	.49414	.0057166	.0032812	.025504	.0016919	.0006271
%RSD	4.896643	5.466544	2.622598	.2554776	4.955655	5.397779

#1	9.75843	.1105061	.1285987	9.972888	.0355343	.0109692
#2	10.65908	.1041149	.1220833	10.01177	.0346293	.0116652
#3	9.85643	.0991006	.1246612	9.96374	.0322581	.0122208

Sample Name: PB111295BS Acquired: 7/20/2018 15:03:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0203288	.1776401	.2035326	F .0141540	.2097465	.1040080
Stddev	.0001770	.0039945	.0015358	.0009958	.0024867	.0010301
%RSD	.8708192	2.248645	.7545839	7.035212	1.185566	.9903814

#1	.0205244	.1809703	.2026983	.0145537	.2105829	.1030775
#2	.0201796	.1787387	.2025945	.0148877	.2069495	.1051149
#3	.0202824	.1732113	.2053050	.0130204	.2117072	.1038315

Elem	Sr4077
Units	ppm
Avg	.2094425
Stddev	.0006326
%RSD	.3020372

#1	.2092162
#2	.2101571
#3	.2089542

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2059.616	2561.925	41279.63	4779.667	3382.134
Stddev	14.988	7.928	135.39	22.389	10.839
%RSD	.7277134	.3094527	.3279757	.4684208	.3204661

#1	2053.995	2566.126	41190.34	4756.150	3381.513
#2	2048.251	2566.868	41213.13	4782.125	3393.270
#3	2076.602	2552.780	41435.40	4800.725	3371.620

Sample Name: J3972-02 Acquired: 7/20/2018 15:07:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA4Z32 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0229199	.0602711	.0222372	.0790250	.1198698	.3919159	.4009761
Stddev	.0015461	.0024716	.0009583	.0025565	.0016306	.0144059	.0011835
%RSD	6.745634	4.100798	4.309421	3.235082	1.360313	3.675755	.2951476

#1	.0211718	.0630352	.0233406	.0816745	.1207863	.3843021	.3997967
#2	.0234802	.0582737	.0217571	.0765729	.1179872	.4085311	.4021636
#3	.0241077	.0595046	.0216138	.0788277	.1208360	.3829145	.4009679

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115808	.0158468	9.922139	.0332189	.0717788	.0438969	73.92663
Stddev	.0000712	.0000715	.079287	.0003996	.0002339	.0048481	.46692
%RSD	.6152719	.4513735	.7990877	1.202912	.3258129	11.04428	.6316000

#1	.0114986	.0157770	9.934966	.0327931	.0719173	.0486507	74.39796
#2	.0116245	.0159199	9.994230	.0332777	.0719103	.0389597	73.91770
#3	.0116194	.0158433	9.837221	.0335858	.0715088	.0440802	73.46424

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0378248	9.231910	.0870694	.0306913	8.240474	.2735559	.1096851
Stddev	.0003163	.046254	.0002246	.0003833	.457873	.0141115	.0012729
%RSD	.8362967	.5010271	.2579938	1.248785	5.556387	5.158533	1.160489

#1	.0377860	9.201184	.0868231	.0310968	8.755203	.2586807	.1100767
#2	.0375297	9.285106	.0871222	.0303351	8.087690	.2752333	.1082624
#3	.0381588	9.209438	.0872630	.0306418	7.878527	.2867537	.1107161

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.46658	.0030580	.0927387	-.000274	-.023479	.0037778	-.001940
Stddev	.04323	.0017641	.0009172	.000179	.006375	.0015019	.002380
%RSD	.4130376	57.68802	.9889689	65.23781	27.15027	39.75720	122.7007

#1	10.45706	.0048279	.0937228	-.000106	-.016141	.0022629	-.004576
#2	10.51378	.0030463	.0925855	-.000254	-.027642	.0052664	.000049
#3	10.42890	.0012998	.0919077	-.000462	-.026655	.0038040	-.001292

Sample Name: J3972-02 Acquired: 7/20/2018 15:07:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA4Z32 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0012297	.0009492	.0125485
Stddev	.0016168	.0015130	.0002065
%RSD	131.4820	159.4093	1.645542

#1	.0026726	-.000785	.0126218
#2	.0015342	.001998	.0127084
#3	-.000518	.001635	.0123154

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2003.354	2507.923	40319.01	4627.617	3290.972
Stddev	21.956	5.085	187.36	19.621	3.828
%RSD	1.095950	.2027393	.4646889	.4240009	.1163090

#1	1983.132	2511.512	40104.41	4612.825	3292.811
#2	2026.707	2510.152	40402.63	4620.150	3293.534
#3	2000.224	2502.104	40450.00	4649.875	3286.572

Sample Name: J3972-04 Acquired: 7/20/2018 15:11:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA4Z34 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087671	.0014943	.0003137	-.002503	-.001777	.0431874	.0036833
Stddev	.0005337	.0027052	.0016146	.001722	.001099	.0186915	.0007005
%RSD	6.087148	181.0349	514.7648	68.80765	61.82054	43.27995	19.01761

#1	.0093621	-.000221	-.001065	-.000774	-.000516	.0632033	.0029250
#2	.0083307	.004613	.002090	-.004218	-.002529	.0401719	.0043061
#3	.0086085	.000091	-.000084	-.002516	-.002286	.0261870	.0038188

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002618	-.000274	11.46031	.0126872	.0002334	.0071485	9.302076
Stddev	.0000323	.000051	.01703	.0002417	.0001817	.0026958	.141320
%RSD	12.34247	18.76003	.1485883	1.905202	77.87112	37.71175	1.519235

#1	.0002860	-.000300	11.46530	.0125809	.0003376	.0094316	9.451458
#2	.0002251	-.000308	11.47428	.0125169	.0000235	.0078393	9.170507
#3	.0002743	-.000215	11.44134	.0129639	.0003389	.0041744	9.284261

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0464891	3.861947	.0032351	.0000220	18.15260	.0032010	-.001904
Stddev	.0010098	.052762	.0002937	.0004611	.09218	.0022314	.009414
%RSD	2.172025	1.366208	9.077600	2100.198	.5078021	69.71127	494.5163

#1	.0453908	3.802348	.0033694	-.000076	18.25726	.0017583	.008354
#2	.0466992	3.902692	.0028983	-.000382	18.08347	.0020734	-.003917
#3	.0473772	3.880803	.0034376	.000524	18.11707	.0057712	-.010149

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.633823	.0072547	.0106643	.0425147	9.143877	4.302830	-.002701
Stddev	.075720	.0023562	.0004666	.0004980	.066741	.037520	.001701
%RSD	.8770102	32.47852	4.375418	1.171319	.7298994	.8719944	62.99047

#1	8.701269	.0090901	.0105786	.0421373	9.119234	4.316361	-.002075
#2	8.551916	.0080765	.0102465	.0423276	9.092962	4.331708	-.001402
#3	8.648284	.0045977	.0111679	.0430791	9.219436	4.260421	-.004627

Sample Name: J3972-04 Acquired: 7/20/2018 15:11:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA4Z34 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0013798	-.012114	.1034052
Stddev	.0007641	.001470	.0004164
%RSD	55.38204	12.13184	.4026639

#1	.0008588	-.013808	.1034707
#2	.0010235	-.011170	.1029600
#3	.0022570	-.011365	.1037850

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2169.114	2695.651	43262.74	4930.650	3537.043
Stddev	2.068	7.820	110.11	37.220	15.817
%RSD	.0953216	.2901122	.2545104	.7548724	.4471724

#1	2167.916	2699.889	43324.24	4913.725	3546.092
#2	2171.501	2700.438	43135.62	4904.900	3546.257
#3	2167.923	2686.626	43328.36	4973.325	3518.779

Sample Name: J3972-05 Acquired: 7/20/2018 15:15:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA4Z35 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0177866	.0010558	.0024113	-.002061	.0059843	.0488556	.0021581
Stddev	.0010001	.0019430	.0013771	.000971	.0007003	.0057817	.0005427
%RSD	5.622785	184.0276	57.11088	47.09560	11.70258	11.83430	25.14524

#1	.0179683	-.000951	.0021157	-.003124	.0061088	.0534345	.0026996
#2	.0186834	.001190	.0039123	-.001836	.0052301	.0507737	.0016143
#3	.0167081	.002928	.0012060	-.001223	.0066140	.0423586	.0021605

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002410	-.000208	18.54653	.0011848	-.000098	.0019003	1.812934
Stddev	.0000167	.000137	.04790	.0004431	.000040	.0015211	.031107
%RSD	6.914475	65.65884	.2582563	37.39864	40.32421	80.04708	1.715826

#1	.0002268	-.000346	18.49764	.0016877	-.000089	.0008266	1.836899
#2	.0002367	-.000072	18.59337	.0010148	-.000064	.0036410	1.777781
#3	.0002593	-.000207	18.54860	.0008519	-.000142	.0012333	1.824124

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0178690	5.088536	.0042450	.0001643	26.94293	-.000370	.0071739
Stddev	.0007566	.046973	.0002498	.0007449	.66897	.006580	.0070738
%RSD	4.234296	.9231219	5.884892	453.3701	2.482924	1776.361	98.60394

#1	.0170271	5.083482	.0041361	.0010082	26.29460	.007068	.0095601
#2	.0180876	5.137832	.0040682	-.000402	26.90340	-.002745	.0127461
#3	.0184922	5.044294	.0045308	-.000113	27.63079	-.005434	-.000784

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.313701	.0128705	.0026833	.0140054	2.830540	5.332654	-.003035
Stddev	.102987	.0002272	.0006832	.0002062	.015006	.019213	.000242
%RSD	32.82979	1.765017	25.46181	1.472101	.5301326	.3602873	7.956805

#1	-.277831	.0127600	.0024558	.0142424	2.830721	5.312488	-.003290
#2	-.429827	.0131318	.0021428	.0139064	2.815444	5.350745	-.003007
#3	-.233445	.0127198	.0034512	.0138674	2.845454	5.334729	-.002809

Sample Name: J3972-05 Acquired: 7/20/2018 15:15:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA4Z35 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0019229	-.012348	.0719917
Stddev	.0016012	.000923	.0006152
%RSD	83.27295	7.473219	.8545165

#1	.0012905	-.011310	.0720046
#2	.0037437	-.012657	.0726003
#3	.0007344	-.013076	.0713702

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2126.585	2621.366	42248.71	4856.175	3444.192
Stddev	13.596	6.311	88.43	12.258	8.934
%RSD	.6393455	.2407538	.2093072	.2524289	.2593871

#1	2113.226	2621.901	42148.02	4869.550	3446.581
#2	2140.407	2627.392	42284.33	4845.475	3451.687
#3	2126.121	2614.804	42313.77	4853.500	3434.306

Sample Name: J3972-06 Acquired: 7/20/2018 15:19:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA4Z36 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075012	.0016866	.0006390	-.001160	.0007806	.0962780	.0045519
Stddev	.0020763	.0030236	.0013706	.002606	.0018553	.0063859	.0004604
%RSD	27.67997	179.2762	214.4915	224.7473	237.6924	6.632774	10.11332

#1	.0079839	-.000809	-.000650	-.003771	-.001353	.0918981	.0049823
#2	.0092937	.005049	.002079	-.001148	.001676	.1036053	.0046069
#3	.0052261	.000820	.000488	.001441	.002018	.0933306	.0040666

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001614	-.000162	39.44359	.0012353	-.000251	.0078567	.1142308
Stddev	.0000308	.000028	.03174	.0003962	.000163	.0019603	.0038894
%RSD	19.11112	17.36267	.0804701	32.07024	64.91534	24.95028	3.404895

#1	.0001786	-.000159	39.41037	.0016680	-.000087	.0083543	.1107221
#2	.0001258	-.000191	39.47360	.0008903	-.000253	.0095202	.1184130
#3	.0001799	-.000135	39.44681	.0011476	-.000412	.0056956	.1135572

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052822	6.428293	.0025132	.0000898	14.00528	-.002957	.0069040
Stddev	.0007708	.140354	.0002332	.0001367	.11355	.007501	.0058829
%RSD	14.59171	2.183385	9.277673	152.3659	.8107703	253.7045	85.21093

#1	.0048848	6.565642	.0022478	.0002051	14.13617	-.000031	.0076250
#2	.0061706	6.434122	.0026069	-.000061	13.94646	.002641	.0006938
#3	.0047913	6.285115	.0026850	.000125	13.93321	-.011480	.0123932

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.781880	.0341943	-.001915	.0047375	4.541018	5.357760	-.002970
Stddev	.014986	.0029852	.000788	.0000475	.017007	.041801	.000401
%RSD	1.916705	8.730218	41.15325	1.003079	.3745141	.7801988	13.48681

#1	-.769677	.0314487	-.001027	.0047151	4.523450	5.363700	-.002535
#2	-.798607	.0337622	-.002532	.0047920	4.557402	5.313306	-.003324
#3	-.777354	.0373720	-.002186	.0047052	4.542203	5.396273	-.003050

Sample Name: J3972-06 Acquired: 7/20/2018 15:19:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA4Z36 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0025145	-.011921	.1118563
Stddev	.0009506	.000568	.0001363
%RSD	37.80478	4.766945	.1218655

#1	.0035493	-.011279	.1120132
#2	.0023140	-.012358	.1117667
#3	.0016801	-.012127	.1117890

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2096.344	2611.785	42084.97	4844.508	3424.531
Stddev	3.696	10.540	30.38	22.010	15.429
%RSD	.1763269	.4035533	.0721972	.4543266	.4505497

#1	2093.968	2617.558	42095.86	4838.750	3435.320
#2	2100.603	2618.177	42108.40	4868.825	3431.415
#3	2094.462	2599.620	42050.64	4825.950	3406.858

Sample Name: J3972-07 Acquired: 7/20/2018 15:23:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA4Z37 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090937	.0017746	.0012602	-.003492	.0017730	.1490717	.0026045
Stddev	.0031762	.0027162	.0025041	.001094	.0006276	.0147378	.0007137
%RSD	34.92725	153.0614	198.7033	31.34125	35.39557	9.886388	27.40166

#1	.0076007	-.000662	.0040945	-.004224	.0013831	.1532118	.0034189
#2	.0069390	.004703	-.000652	-.002234	.0014390	.1612966	.0020883
#3	.0127412	.001282	.000338	-.004018	.0024969	.1327066	.0023063

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002741	-.000300	40.08652	.0002024	-.000445	.0042420	8.943922
Stddev	.0000510	.000061	.01223	.0002099	.000114	.0025422	.109270
%RSD	18.62005	20.40606	.0305058	103.6842	25.59021	59.93032	1.221721

#1	.0002912	-.000232	40.08300	.0001307	-.000481	.0069802	9.011992
#2	.0002167	-.000317	40.10012	.0004388	-.000537	.0037895	9.001891
#3	.0003144	-.000352	40.07644	.0000378	-.000318	.0019564	8.817882

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1128429	7.396333	.0030855	-.000001	14.44359	-.006784	.0060474
Stddev	.0018456	.064221	.0000583	.000079	.16552	.001902	.0043604
%RSD	1.635564	.8682811	1.890722	11883.53	1.145968	28.03153	72.10411

#1	.1149218	7.434474	.0030183	.000077	14.60206	-.007273	.0010172
#2	.1122094	7.322187	.0031148	-.000081	14.27182	-.008393	.0087517
#3	.1113974	7.432337	.0031234	.000001	14.45688	-.004685	.0083733

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.26830	.0638171	.0104464	.0020744	3.773855	4.502601	-.003974
Stddev	.01683	.0022697	.0004458	.0000818	.019663	.040914	.000866
%RSD	1.326846	3.556516	4.267360	3.942050	.5210415	.9086755	21.77960

#1	-1.25326	.0616941	.0101104	.0020939	3.760652	4.519501	-.003348
#2	-1.26516	.0635480	.0102765	.0021446	3.764460	4.455944	-.003612
#3	-1.28647	.0662094	.0109521	.0019846	3.796454	4.532357	-.004962

Sample Name: J3972-07 Acquired: 7/20/2018 15:23:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA4Z37 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0026188	-.013301	.1190207
Stddev	.0015443	.001150	.0000837
%RSD	58.97164	8.643333	.0703378

#1	.0037495	-.013231	.1190582
#2	.0032476	-.012188	.1189248
#3	.0008592	-.014484	.1190792

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2102.466	2606.472	42088.99	4848.675	3410.166
Stddev	16.151	7.981	125.39	10.647	12.311
%RSD	.7682091	.3061932	.2979064	.2195829	.3610196

#1	2118.576	2612.524	42183.59	4845.675	3410.998
#2	2086.274	2609.465	41946.77	4860.500	3422.040
#3	2102.547	2597.428	42136.61	4839.850	3397.459

Sample Name: J3972-08 Acquired: 7/20/2018 15:27:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA4Z38 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102361	-.000935	.0037459	-.001588	-.003713	.2341474	.0046408
Stddev	.0018809	.001473	.0014697	.000568	.000590	.0107694	.0009289
%RSD	18.37573	157.5923	39.23464	35.77057	15.88396	4.599389	20.01534

#1	.0081907	-.002121	.0054417	-.000939	-.003749	.2239449	.0035939
#2	.0106259	.000714	.0028406	-.001994	-.003105	.2454058	.0049622
#3	.0118915	-.001396	.0029554	-.001831	-.004283	.2330914	.0053662

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002661	-.000305	51.05921	.0099747	-.000152	.0034010	9.194390
Stddev	.0000772	.000073	.24482	.0004396	.000245	.0012654	.075279
%RSD	28.98934	23.86524	.4794851	4.407365	161.4217	37.20761	.8187516

#1	.0002251	-.000357	51.31683	.0097569	-.000003	.0047862	9.272018
#2	.0003551	-.000222	50.82959	.0104808	-.000018	.0031111	9.121702
#3	.0002181	-.000338	51.03120	.0096866	-.000434	.0023057	9.189450

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0753715	6.170762	.0021632	-.000196	7.786244	-.000908	.0145982
Stddev	.0023467	.092933	.0001664	.000608	.276469	.004374	.0097676
%RSD	3.113556	1.506015	7.693914	309.7006	3.550740	481.5356	66.90976

#1	.0777553	6.276577	.0023271	-.000860	8.094664	.001499	.0033576
#2	.0752954	6.133310	.0021683	.000332	7.560668	.001733	.0210210
#3	.0730637	6.102399	.0019943	-.000061	7.703400	-.005957	.0194161

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.23538	.1493889	.0076887	.0003600	2.372919	5.305792	-.003000
Stddev	.09223	.0029500	.0010416	.0001133	.007302	.026640	.000647
%RSD	7.465546	1.974683	13.54695	31.45473	.3077307	.5020927	21.55633

#1	-1.25590	.1527865	.0087210	.0002927	2.381347	5.304178	-.003621
#2	-1.31562	.1479008	.0066380	.0004908	2.368949	5.279996	-.003049
#3	-1.13462	.1474793	.0077072	.0002966	2.368462	5.333203	-.002330

Sample Name: J3972-08 Acquired: 7/20/2018 15:27:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA4Z38 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0133352	-.014872	.1338868
Stddev	.0019875	.001646	.0003811
%RSD	14.90383	11.06841	.2846311

#1	.0117340	-.016770	.1337177
#2	.0127121	-.013840	.1336196
#3	.0155596	-.014006	.1343232

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2098.922	2608.082	41921.93	4845.451	3413.875
Stddev	2.991	7.169	113.80	27.821	12.807
%RSD	.1424841	.2748907	.2714596	.5741626	.3751324

#1	2099.730	2611.066	42049.42	4876.073	3422.999
#2	2101.425	2613.278	41830.59	4838.548	3419.391
#3	2095.610	2599.903	41885.79	4821.731	3399.234

Sample Name: J3972-09 Acquired: 7/20/2018 15:31:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA4Z39 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095245	.0006452	.0032487	-.002412	-.003444	.2467055	.0045128
Stddev	.0009876	.0015924	.0021665	.000527	.000811	.0084543	.0011075
%RSD	10.36905	246.8230	66.68961	21.84869	23.53156	3.426899	24.54246

#1	.0085139	-.001032	.0057501	-.002206	-.003357	.2390975	.0035762
#2	.0095724	.000832	.0019651	-.003011	-.002681	.2452119	.0042269
#3	.0104874	.002136	.0020309	-.002019	-.004295	.2558071	.0057353

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002942	-.000227	49.95219	.0090675	-.000496	.0063643	8.246777
Stddev	.0000383	.000008	.19775	.0002864	.000301	.0021345	.044245
%RSD	13.00305	3.646950	.3958705	3.158917	60.53499	33.53880	.5365159

#1	.0002589	-.000236	49.99059	.0091275	-.000609	.0039133	8.236678
#2	.0003348	-.000223	49.73807	.0093192	-.000156	.0073649	8.208455
#3	.0002888	-.000220	50.12793	.0087559	-.000724	.0078147	8.295199

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0720987	6.016778	.0016398	.0003861	7.674097	-.001294	.0190702
Stddev	.0007827	.089950	.0003038	.0003897	.383582	.006651	.0016392
%RSD	1.085606	1.494993	18.52640	100.9344	4.998395	513.8371	8.595538

#1	.0713051	6.074054	.0015030	.0003173	7.911450	.001026	.0186993
#2	.0728700	5.913102	.0014285	.0008057	7.231564	.003886	.0176483
#3	.0721208	6.063177	.0019880	.0000354	7.879275	-.008795	.0208631

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.33016	.1431360	.0053103	.0003817	2.322399	5.140776	-.003051
Stddev	.07811	.0005219	.0012281	.0000745	.016389	.041273	.001734
%RSD	5.872322	.3645835	23.12608	19.52275	.7057055	.8028633	56.83727

#1	-1.40755	.1425845	.0058303	.0002982	2.313208	5.176646	-.003837
#2	-1.33159	.1436219	.0039078	.0004415	2.312668	5.095666	-.004254
#3	-1.25135	.1432018	.0061929	.0004054	2.341321	5.150015	-.001063

Sample Name: J3972-09 Acquired: 7/20/2018 15:31:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA4Z39 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0136270	-.013618	.1314244
Stddev	.0003568	.000964	.0003787
%RSD	2.618406	7.081272	.2881599

#1	.0138491	-.014725	.1318558
#2	.0132155	-.012956	.1312708
#3	.0138166	-.013174	.1311466

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2090.633	2588.712	41909.76	4814.333	3391.321
Stddev	15.175	7.171	97.93	35.203	7.387
%RSD	.7258593	.2770197	.2336789	.7312222	.2178160

#1	2102.974	2584.201	42007.03	4796.426	3389.718
#2	2073.689	2596.981	41811.18	4854.890	3399.377
#3	2095.236	2584.953	41911.08	4791.683	3384.867

Sample Name: CCV073 Acquired: 7/20/2018 15:35:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV073 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.781084	4.944186	24.54700	4.721009	4.813957	402.5507	10.00011
Stddev	.007864	.019880	.11073	.004994	.014611	.9723	.03169
%RSD	.1644845	.4020977	.4510932	.1057792	.3035186	.2415255	.3168647

#1	4.780146	4.933054	24.47903	4.715288	4.804907	401.4582	10.00449
#2	4.773731	4.932366	24.48721	4.723244	4.806151	403.3210	10.02939
#3	4.789375	4.967139	24.67478	4.724495	4.830814	402.8728	9.96647

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4884444	2.446534	401.3955	15.12940	2.480803	15.14194	409.9669
Stddev	.0027981	.008613	.9592	.04527	.006990	.05271	1.3343
%RSD	.5728638	.3520675	.2389656	.2992456	.2817610	.3480759	.3254655

#1	.4852607	2.438265	401.0175	15.08101	2.473715	15.08121	409.3506
#2	.4895592	2.445882	402.4861	15.13645	2.481001	15.16890	411.4980
#3	.4905132	2.455455	400.6829	15.17073	2.487691	15.17572	409.0521

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.61037	400.9385	2.501423	1.247402	404.0285	2.456512	14.53187
Stddev	.05052	.5638	.010807	.008555	1.5858	.008862	.19760
%RSD	.3457880	.1406200	.4320407	.6858209	.3925042	.3607555	1.359800

#1	14.57883	401.0430	2.497898	1.253330	403.1034	2.462585	14.64586
#2	14.66865	401.4428	2.492818	1.237595	405.8597	2.446343	14.30369
#3	14.58365	400.3298	2.513552	1.251282	403.1226	2.460608	14.64605

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	149.7753	5.159870	5.192552	4.780471	5.124708	4.854251	4.982793
Stddev	.2174	.006194	.032917	.010875	.005207	.028715	.016851
%RSD	.1451281	.1200351	.6339294	.2274797	.1016020	.5915508	.3381885

#1	149.5328	5.159029	5.155134	4.772959	5.130660	4.821124	4.973838
#2	149.8403	5.154140	5.217045	4.775513	5.120992	4.869572	4.972310
#3	149.9527	5.166441	5.205477	4.792941	5.122473	4.872056	5.002231

Sample Name: CCV073 Acquired: 7/20/2018 15:35:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV073 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.916753	5.014754	4.994449
Stddev	.021523	.016975	.007465
%RSD	.4377574	.3384958	.1494569

#1	4.893888	5.006519	4.991371
#2	4.919748	5.034275	5.002960
#3	4.936621	5.003467	4.989015

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1786.181	2180.842	38399.09	4566.241	2842.282
Stddev	23.404	2.544	388.09	5.084	6.839
%RSD	1.310291	.1166730	1.010668	.1113304	.2406015

#1	1759.650	2179.628	38024.85	4571.760	2840.726
#2	1803.900	2183.767	38799.68	4561.751	2849.764
#3	1794.994	2179.133	38372.73	4565.211	2836.354

Sample Name: CCB073 Acquired: 7/20/2018 15:39:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB073 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006227	.0009743	-.000476	-.000162	-.001802	-.015035	-.000148
Stddev	.0013454	.0021454	.001034	.000684	.000475	.016954	.000020
%RSD	216.0428	220.2056	217.2201	421.3932	26.37876	112.7606	13.46741

#1	.0015119	-.000782	-.000640	.000008	-.001983	.004498	-.000170
#2	.0012813	.003365	.000630	-.000915	-.002160	-.025927	-.000131
#3	-.000925	.000340	-.001419	.000420	-.001263	-.023678	-.000143

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001060	-.000111	.0121699	-.000053	-.000122	.0042294	-.002851
Stddev	.0001024	.000007	.0131237	.000416	.000278	.0012261	.015239
%RSD	96.58612	6.483629	107.8374	781.5597	227.6340	28.99026	534.4798

#1	.0001959	-.000118	.0203858	-.000449	.000177	.0031998	-.014105
#2	.0001277	-.000113	-.002966	.000381	-.000171	.0055858	-.008939
#3	-.000005	-.000104	.019089	-.000092	-.000373	.0039026	.014490

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004368	-.007023	.0010937	-.000245	-.120641	-.006677	.0019445
Stddev	.0013110	.034341	.0001978	.000213	.036031	.004948	.0029779
%RSD	300.1388	488.9747	18.08728	86.87230	29.86632	74.11252	153.1413

#1	.0003639	-.028939	.0008760	-.000161	-.154243	-.012321	-.001493
#2	-.000836	-.024685	.0011425	-.000486	-.125085	-.003083	.003722
#3	.001783	.032554	.0012625	-.000087	-.082594	-.004627	.003605

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.072855	.0001187	-.002015	-.000029	-.036120	.0025072	-.000062
Stddev	.012223	.0005385	.000514	.000072	.000984	.0011591	.000274
%RSD	16.77716	453.5618	25.50390	251.7817	2.723987	46.22874	441.7168

#1	-.075725	.0007399	-.002607	.000006	-.036595	.0011717	-.000369
#2	-.083388	-.000215	-.001754	-.000112	-.036775	.0030990	.000156
#3	-.059453	-.000169	-.001683	.000019	-.034988	.0032509	.000027

Sample Name: CCB073 Acquired: 7/20/2018 15:39:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB073 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0017393	.0036166	-.000019
Stddev	.0032150	.0017922	.000044
%RSD	184.8424	49.55537	233.3420

#1	-.001238	.0046832	-.000000
#2	.005149	.0015475	-.000070
#3	.001307	.0046192	.000013

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2097.222	2607.678	42094.81	4865.042	3401.075
Stddev	11.519	5.654	147.73	18.456	7.914
%RSD	.5492589	.2168243	.3509409	.3793582	.2326838

#1	2085.816	2610.717	42115.70	4843.750	3409.004
#2	2097.001	2611.161	41937.75	4876.475	3401.045
#3	2108.851	2601.154	42230.98	4874.900	3393.176

Sample Name: J3972-10 Acquired: 7/20/2018 15:43:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA4Z40 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084231	.0003080	.0037410	-.001455	.0008974	.0486574	.0032341
Stddev	.0023596	.0013493	.0015163	.002275	.0007944	.0194617	.0002487
%RSD	28.01328	438.1229	40.53150	156.3371	88.51932	39.99734	7.690478

#1	.0084712	-.000931	.0029212	.000582	.0014243	.0571199	.0030255
#2	.0060398	.001746	.0054907	-.001037	.0012842	.0624552	.0035094
#3	.0107583	.000109	.0028111	-.003911	-.000016	.0263971	.0031674

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001216	-.000157	45.20536	.0024500	-.000676	.0077588	.8813812
Stddev	.0000312	.000032	.21157	.0003658	.000434	.0028431	.0068550
%RSD	25.63633	20.27977	.4680186	14.93258	64.19842	36.64368	.7777564

#1	.0000861	-.000134	44.98667	.0022389	-.001063	.0078803	.8880081
#2	.0001445	-.000145	45.40901	.0022387	-.000757	.0048569	.8818168
#3	.0001342	-.000194	45.22040	.0028725	-.000207	.0105393	.8743188

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0268133	6.072737	.0027321	-.000157	11.03809	-.001588	.0115296
Stddev	.0008687	.067498	.0004871	.000322	.28495	.002483	.0019317
%RSD	3.239819	1.111490	17.82986	205.3194	2.581549	156.3719	16.75387

#1	.0261908	6.059297	.0029845	-.000518	11.33105	-.001211	.0129601
#2	.0264433	6.012970	.0021706	-.000053	11.02131	.000685	.0093323
#3	.0278057	6.145943	.0030413	.000101	10.76189	-.004238	.0122964

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.399927	.2194032	-.000355	.0106790	3.091342	4.603273	-.002536
Stddev	.163426	.0010014	.001032	.0004022	.012604	.029872	.001654
%RSD	4.806738	.4564083	290.4837	3.766197	.4077107	.6489346	65.22797

#1	3.244354	.2184637	.000822	.0103078	3.090269	4.591950	-.004067
#2	3.570210	.2204567	-.000781	.0106229	3.079309	4.580719	-.000781
#3	3.385218	.2192892	-.001106	.0111063	3.104448	4.637152	-.002760

Sample Name: J3972-10 Acquired: 7/20/2018 15:43:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA4Z40 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011654	-.014285	.1123484
Stddev	.0017847	.001956	.0002974
%RSD	153.1369	13.69345	.2647399

#1	-.000492	-.012110	.1122793
#2	.000934	-.015901	.1120916
#3	.003055	-.014843	.1126743

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2090.730	2593.569	41798.93	4797.942	3411.264
Stddev	17.265	8.528	145.84	13.694	12.348
%RSD	.8257882	.3288120	.3489144	.2854104	.3619705

#1	2103.654	2599.582	41812.26	4810.775	3419.187
#2	2071.122	2597.315	41646.88	4783.525	3417.568
#3	2097.413	2583.809	41937.65	4799.525	3397.037

Sample Name: J3972-11 Acquired: 7/20/2018 15:47:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA4Z41 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031535	.0006552	.0015376	-.001348	-.001720	.0371759	.0022166
Stddev	.0013847	.0012581	.0020738	.001095	.000457	.0214521	.0006434
%RSD	43.91102	192.0221	134.8763	81.23426	26.59999	57.70433	29.02427

#1	.0028448	.0016308	-.000856	-.002606	-.001267	.0436845	.0029009
#2	.0046665	.0010996	.002662	-.000836	-.001710	.0546199	.0016241
#3	.0019492	-.000765	.002807	-.000603	-.002182	.0132232	.0021248

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001003	-.000133	30.22383	.0002100	-.000308	.0076271	1.802443
Stddev	.0001096	.000102	.05268	.0005621	.000023	.0044824	.009922
%RSD	109.3523	76.55619	.1743034	267.6276	7.464306	58.76920	.5504630

#1	-.000024	-.000186	30.16471	.0001389	-.000326	.0054272	1.795414
#2	.000183	-.000016	30.24099	-.000313	-.000316	.0046697	1.813792
#3	.000141	-.000197	30.26580	.000804	-.000282	.0127844	1.798122

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0665422	4.723592	.0020933	-.000131	9.942583	-.000483	-.001321
Stddev	.0010825	.063004	.0003622	.000265	.138059	.002820	.003532
%RSD	1.626713	1.333812	17.30364	201.9375	1.388561	583.5511	267.3941

#1	.0655580	4.768168	.0021932	.000121	9.938959	.002150	.002694
#2	.0663672	4.751097	.0016916	-.000407	9.806372	-.000140	-.003950
#3	.0677015	4.651512	.0023951	-.000107	10.08242	-.003459	-.002707

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.44578	.0196261	-.000816	.0012676	1.846484	3.846199	-.002073
Stddev	.00441	.0016362	.001094	.0001155	.008131	.020141	.001089
%RSD	.3048908	8.336850	134.0286	9.112497	.4403562	.5236703	52.53175

#1	-1.44848	.0187770	-.001304	.0011416	1.849518	3.861201	-.002816
#2	-1.44069	.0185891	.000437	.0013685	1.837273	3.854089	-.002579
#3	-1.44817	.0215124	-.001581	.0012925	1.852663	3.823307	-.000823

Sample Name: J3972-11 Acquired: 7/20/2018 15:47:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA4Z41 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000196	-.012999	.0810142
Stddev	.000603	.001497	.0002761
%RSD	307.7329	11.51628	.3408028

#1	-.000465	-.012209	.0812677
#2	-.000617	-.014725	.0810549
#3	.000494	-.012062	.0807200

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2113.600	2597.598	42118.01	4837.158	3400.660
Stddev	3.836	10.490	70.05	11.327	9.786
%RSD	.1815118	.4038513	.1663298	.2341726	.2877719

#1	2115.402	2608.472	42139.62	4828.150	3410.797
#2	2109.194	2596.783	42174.72	4833.450	3399.915
#3	2116.203	2587.539	42039.70	4849.875	3391.267

Sample Name: J3972-12 Acquired: 7/20/2018 15:51:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA4Z41D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016366	.0012077	.0014148	-.003405	-.003038	.0411396	.0023146
Stddev	.0008096	.0018843	.0016542	.000698	.000879	.0036113	.0002507
%RSD	49.46479	156.0257	116.9228	20.48872	28.91635	8.778149	10.83039

#1	.0007296	.0005106	-.000465	-.002743	-.003424	.0379978	.0022410
#2	.0018943	-.000229	.002648	-.004133	-.002033	.0450850	.0025938
#3	.0022861	.003341	.002061	-.003337	-.003658	.0403361	.0021090

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000862	-.000184	30.43741	-.000225	-.000529	.0033800	1.803732
Stddev	.0000887	.000099	.04112	.000477	.000178	.0020342	.005430
%RSD	102.8932	53.68425	.1351012	211.5799	33.68397	60.18401	.3010186

#1	.0000269	-.000075	30.47042	.000040	-.000460	.0030047	1.804100
#2	.0000435	-.000208	30.45045	.000059	-.000732	.0015596	1.808968
#3	.0001882	-.000268	30.39134	-.000775	-.000396	.0055758	1.798127

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0667322	4.739700	.0025232	.0003083	10.03561	.0014434	.0111399
Stddev	.0019707	.059137	.0000401	.0000667	.03826	.0055652	.0099636
%RSD	2.953175	1.247685	1.587564	21.63920	.3812161	385.5748	89.44040

#1	.0654930	4.803414	.0025044	.0002587	10.04684	.0012174	.0000285
#2	.0656988	4.686571	.0024961	.0003841	9.99299	.0071181	.0192791
#3	.0690046	4.729115	.0025692	.0002819	10.06699	-.004005	.0141121

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.47562	.0207105	-.000448	.0011127	1.869271	3.817819	-.002543
Stddev	.12494	.0015250	.000636	.0002543	.011272	.041330	.001312
%RSD	8.467187	7.363590	142.0068	22.85160	.6030296	1.082545	51.59606

#1	-1.56081	.0190033	-.001093	.0008449	1.856284	3.845877	-.001318
#2	-1.53387	.0211901	-.000428	.0013509	1.875021	3.770358	-.003928
#3	-1.33219	.0219380	.000178	.0011423	1.876509	3.837223	-.002385

Sample Name: J3972-12 Acquired: 7/20/2018 15:51:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA4Z41D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000290	-.016240	.0817177
Stddev	.001678	.001241	.0001669
%RSD	577.8791	7.641309	.2043050

#1	-.001804	-.016943	.0816311
#2	.001514	-.016971	.0819102
#3	-.000581	-.014808	.0816118

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2088.295	2577.701	41785.20	4837.583	3376.946
Stddev	3.244	5.738	65.14	54.660	3.855
%RSD	.1553636	.2225898	.1559020	1.129898	.1141572

#1	2086.183	2579.184	41724.36	4817.350	3378.437
#2	2092.030	2582.551	41777.31	4899.475	3379.833
#3	2086.671	2571.367	41853.92	4795.925	3372.568

Sample Name: J3972-13 Acquired: 7/20/2018 15:56:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA4Z41S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0457205	.0530267	.0241123	.0566897	.1092715	2.051812	2.278339
Stddev	.0049101	.0020733	.0012817	.0025938	.0006240	.003449	.011286
%RSD	10.73935	3.910015	5.315592	4.575475	.5710672	.1681125	.4953407

#1	.0421787	.0545216	.0226371	.0553921	.1085565	2.055570	2.268910
#2	.0513255	.0538988	.0247470	.0550008	.1097066	2.051074	2.275263
#3	.0436572	.0506598	.0249528	.0596763	.1095512	2.048791	2.290843

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0583019	.0605414	28.67235	.2347414	.5799796	.2530022	2.878640
Stddev	.0001891	.0003161	.09407	.0001936	.0033340	.0026616	.027478
%RSD	.3244130	.5220692	.3280817	.0824728	.5748429	1.052009	.9545354

#1	.0581527	.0602131	28.61757	.2345532	.5763095	.2551874	2.906465
#2	.0585146	.0605675	28.61851	.2349400	.5808083	.2500381	2.851524
#3	.0582383	.0608437	28.78097	.2347311	.5828211	.2537812	2.877930

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6420230	4.537335	.5982862	.0517145	9.649580	.5787800	.5606081
Stddev	.0018185	.051400	.0022453	.0008386	.213793	.0043054	.0116771
%RSD	.2832432	1.132825	.3752898	1.621674	2.215567	.7438707	2.082933

#1	.6415268	4.478481	.5965359	.0507576	9.699717	.5775130	.5732617
#2	.6405040	4.560118	.5975048	.0523218	9.833850	.5835767	.5502477
#3	.6440380	4.573406	.6008178	.0520641	9.415175	.5752502	.5583150

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.60895	.0247950	-.001139	.0011970	1.769896	3.636049	-.003018
Stddev	.10469	.0011627	.000925	.0001322	.014666	.009745	.000967
%RSD	6.506955	4.689073	81.20191	11.04075	.8286247	.2680108	32.03141

#1	-1.65915	.0261166	-.000136	.0013218	1.753957	3.642222	-.003142
#2	-1.67910	.0239297	-.001959	.0010586	1.782820	3.624814	-.003916
#3	-1.48861	.0243388	-.001322	.0012106	1.772911	3.641109	-.001995

Sample Name: J3972-13 Acquired: 7/20/2018 15:56:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA4Z41S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0012297	-.012925	.0772629
Stddev	.0009842	.000947	.0003680
%RSD	80.03055	7.325377	.4762748

#1	.0002812	-.013871	.0770162
#2	.0022460	-.012927	.0770867
#3	.0011621	-.011977	.0776859

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2160.258	2659.709	43209.54	5032.603	3487.162
Stddev	8.139	15.097	82.35	33.919	12.334
%RSD	.3767714	.5676255	.1905780	.6739861	.3536891

#1	2167.797	2674.941	43300.30	4994.679	3500.926
#2	2161.348	2659.435	43188.70	5060.041	3483.448
#3	2151.629	2644.751	43139.61	5043.089	3477.112

Sample Name: J3972-11LX5 Acquired: 7/20/2018 16:00:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA4Z41L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003629	-.001118	-.001886	.0006498	.0007605	.0045575	.0004929
Stddev	.000676	.000800	.001697	.0008317	.0007157	.0144825	.0002442
%RSD	18.62391	71.57072	89.99844	127.9986	94.10822	317.7741	49.53252

#1	-.003976	-.001977	.000041	.0012523	.0015675	.0185109	.0007579
#2	-.002850	-.000985	-.002540	.0009963	.0002025	-.010402	.0002769
#3	-.004062	-.000393	-.003158	-.000299	.0005116	.005563	.0004441

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000510	-.000028	5.934241	-.000446	-.000356	.0047763	.3632089
Stddev	.0000180	.000074	.021240	.000436	.000045	.0014070	.0088268
%RSD	35.35088	268.3374	.3579209	97.79918	12.51857	29.45866	2.430218

#1	.0000527	.000035	5.915774	.000057	-.000406	.0033172	.3614443
#2	.0000322	-.000009	5.929496	-.000720	-.000321	.0048868	.3553978
#3	.0000681	-.000110	5.957452	-.000676	-.000339	.0061248	.3727847

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0131214	.8996862	.0004955	-.000077	1.785321	-.001938	-.006521
Stddev	.0000797	.0591096	.0005946	.000304	.186087	.009024	.023523
%RSD	.6073412	6.570020	119.9985	395.4124	10.42319	465.5750	360.7345

#1	.0130404	.8597890	.0001202	.000238	1.862411	.001028	.019424
#2	.0131242	.8716754	.0011810	-.000100	1.920474	.005229	-.026455
#3	.0131997	.9675941	.0001852	-.000369	1.573077	-.012072	-.012532

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.342872	.0053027	-.008271	.0001658	.3338030	.7425696	-.001050
Stddev	.017965	.0004640	.000599	.0000588	.0011039	.0023621	.000599
%RSD	5.239438	8.749503	7.240456	35.48065	.3307094	.3181037	56.99443

#1	-.336165	.0055753	-.008272	.0001812	.3348607	.7430042	-.000978
#2	-.363225	.0055658	-.007671	.0001008	.3338902	.7446843	-.001681
#3	-.329226	.0047670	-.008869	.0002155	.3326580	.7400203	-.000491

Sample Name: J3972-11LX5 Acquired: 7/20/2018 16:00:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA4Z41L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002383	-.002481	.0160520
Stddev	.0030521	.002928	.0000998
%RSD	1280.647	118.0160	.6217302

#1	.0020147	-.005677	.0159510
#2	.0019861	.000071	.0161506
#3	-.003286	-.001836	.0160543

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2003.967	2500.546	40268.10	4712.808	3272.469
Stddev	9.347	9.985	51.34	21.839	11.198
%RSD	.4664070	.3993265	.1274873	.4633892	.3421774

#1	1994.883	2499.264	40209.69	4734.775	3267.890
#2	2013.556	2511.110	40288.57	4691.100	3285.230
#3	2003.463	2491.263	40306.05	4712.550	3264.287

Sample Name: J3972-14 Acquired: 7/20/2018 16:04:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA4Z42 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070276	.0029561	.0017912	-.001105	-.001236	.1639372	.0023470
Stddev	.0030235	.0024830	.0014115	.000340	.001247	.0215367	.0004072
%RSD	43.02241	83.99543	78.80104	30.77547	100.9056	13.13718	17.35018

#1	.0085045	.0058143	.0008882	-.001073	-.001178	.1858215	.0024759
#2	.0090288	.0013316	.0010677	-.001460	-.000019	.1427657	.0018910
#3	.0035496	.0017224	.0034178	-.000782	-.002512	.1632243	.0026742

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001301	-.000227	30.14275	.0002678	-.000356	.0039096	5.013834
Stddev	.0000258	.000019	.04728	.0001501	.000106	.0043384	.057617
%RSD	19.83289	8.250934	.1568427	56.04156	29.81690	110.9697	1.149160

#1	.0001564	-.000212	30.19648	.0004320	-.000249	-.000941	5.068809
#2	.0001291	-.000248	30.10752	.0002335	-.000357	.007418	5.018798
#3	.0001048	-.000223	30.12425	.0001378	-.000461	.005252	4.953896

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0577472	6.716315	.0020711	.0001303	16.14479	-.000582	-.005605
Stddev	.0024266	.163724	.0000185	.0004424	.20887	.009505	.005936
%RSD	4.202165	2.437702	.8924446	339.4213	1.293731	1633.803	105.9057

#1	.0589988	6.803425	.0020587	.0005966	15.92719	.000525	-.010488
#2	.0549503	6.818067	.0020924	.0000780	16.16351	.008321	-.007331
#3	.0592925	6.527452	.0020622	-.000284	16.34367	-.010592	.001003

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.29860	.1910882	.0030857	.0007044	1.983200	4.728115	-.001435
Stddev	.12212	.0018678	.0007136	.0002488	.012878	.053798	.001019
%RSD	9.403765	.9774530	23.12556	35.31659	.6493513	1.137829	71.02004

#1	-1.25771	.1890261	.0023402	.0008820	1.969413	4.666263	-.001104
#2	-1.20218	.1915722	.0037624	.0004201	1.985268	4.764033	-.000622
#3	-1.43592	.1926664	.0031545	.0008112	1.994919	4.754050	-.002578

Sample Name: J3972-14 Acquired: 7/20/2018 16:04:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA4Z42 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0054466	-.013001	.0923032
Stddev	.0013985	.001850	.0002724
%RSD	25.67637	14.22763	.2951589

#1	.0050662	-.011726	.0921239
#2	.0069959	-.012154	.0921689
#3	.0042777	-.015122	.0926167

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2135.505	2641.415	42666.90	4904.808	3473.172
Stddev	14.853	16.094	167.32	39.704	19.988
%RSD	.6955251	.6092835	.3921590	.8094830	.5754996

#1	2152.644	2651.718	42800.49	4944.200	3484.934
#2	2127.472	2649.657	42720.99	4905.425	3484.489
#3	2126.398	2622.870	42479.22	4864.800	3450.093

Sample Name: J3972-15 Acquired: 7/20/2018 16:09:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA4Z43 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046739	.0015197	.0027303	-.003263	-.001761	.1564071	.0024656
Stddev	.0029870	.0021267	.0020850	.001234	.001408	.0111944	.0004846
%RSD	63.90814	139.9425	76.36609	37.82936	79.95095	7.157234	19.65610

#1	.0026826	.0028432	.0048600	-.004232	-.002414	.1690156	.0020432
#2	.0032308	.0026493	.0026377	-.001873	-.000145	.1525695	.0029947
#3	.0081085	-.000933	.0006931	-.003683	-.002724	.1476362	.0023590

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001892	-.000188	17.03141	.0001742	-.000141	.0064266	2.986735
Stddev	.0000647	.000019	.06219	.0001463	.000267	.0024522	.044641
%RSD	34.18082	10.08292	.3651397	83.98231	189.1463	38.15699	1.494631

#1	.0001828	-.000173	17.10219	.0000579	.000165	.0036416	2.989922
#2	.0001279	-.000209	17.00648	.0003384	-.000321	.0073765	3.029697
#3	.0002568	-.000181	16.98555	.0001261	-.000267	.0082618	2.940587

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0370924	5.200038	.0031835	-.000055	20.51448	.0026689	.0119794
Stddev	.0004382	.067179	.0001240	.000208	.45553	.0076883	.0031497
%RSD	1.181381	1.291898	3.896095	374.4401	2.220554	288.0696	26.29282

#1	.0366586	5.276047	.0032277	.000124	20.99107	.0111810	.0144383
#2	.0375349	5.175450	.0030434	-.000008	20.46895	-.003771	.0130706
#3	.0370838	5.148616	.0032793	-.000283	20.08342	.000596	.0084291

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.69649	.0299076	.0020670	.0026609	1.951203	5.136846	-.001610
Stddev	.06663	.0017281	.0009190	.0001389	.004070	.039702	.000664
%RSD	3.927672	5.777958	44.46063	5.221438	.2085753	.7728903	41.23314

#1	-1.62480	.0283298	.0031047	.0027753	1.948090	5.109940	-.001547
#2	-1.75653	.0317544	.0013562	.0027011	1.955809	5.118154	-.002302
#3	-1.70814	.0296385	.0017399	.0025063	1.949712	5.182444	-.000979

Sample Name: J3972-15 Acquired: 7/20/2018 16:09:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA4Z43 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0038637	-.014086	.0612212
Stddev	.0022146	.001843	.0000799
%RSD	57.31967	13.08533	.1304682

#1	.0047231	-.013731	.0612173
#2	.0055198	-.012446	.0611434
#3	.0013481	-.016080	.0613030

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2095.274	2593.061	41871.79	4834.717	3414.987
Stddev	12.410	8.029	255.39	22.399	8.050
%RSD	.5922830	.3096500	.6099233	.4632858	.2357301

#1	2090.332	2601.727	41736.68	4836.625	3424.244
#2	2086.097	2591.583	41712.35	4856.100	3411.089
#3	2109.394	2585.873	42166.35	4811.425	3409.628

Sample Name: PB111150BL Acquired: 7/20/2018 16:13:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002404	-.000250	-.001135	.0000521	-.001718	-.013101
Stddev	.0031254	.001574	.000727	.0006407	.000569	.020174
%RSD	1299.873	628.6484	64.05711	1229.093	33.13064	153.9896

#1	.0007020	-.000017	-.000298	.0005305	-.001077	.008785
#2	-.003090	.001194	-.001494	-.000676	-.001912	-.017135
#3	.003109	-.001927	-.001613	.000302	-.002165	-.030952

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000534	-.000003	.0000098	.0007921	.0005660	-.000150
Stddev	.000494	.000026	.0000237	.0077111	.0007807	.000167
%RSD	92.47578	755.4390	242.7266	973.4879	137.9502	111.0763

#1	-.000959	.000018	.0000243	-.008099	-.000006	-.000251
#2	-.000653	-.000033	.0000226	.005660	.001455	.000042
#3	.000008	.000005	-.000018	.004815	.000249	-.000241

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030295	-.003319	.0008784	-.026009	.0003275	-.000440
Stddev	.0018982	.025512	.0003801	.083845	.0003680	.000209
%RSD	62.65660	768.6314	43.27718	322.3764	112.4008	47.60681

#1	.0028977	.022655	.0011679	.045834	.0000834	-.000412
#2	.0012006	-.028343	.0010194	-.118135	.0001482	-.000246
#3	.0049901	-.004270	.0004479	-.005725	.0007508	-.000662

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049307	-.006601	-.003371	-.100606	.0003125	F -.010335
Stddev	.0836177	.001897	.010344	.123664	.0028825	.000657
%RSD	1695.852	28.73020	306.8667	122.9184	922.3881	6.359037

#1	-.090997	-.004822	-.010245	-.138952	.0012660	-.010013
#2	.062400	-.008596	.008525	-.200554	.0025975	-.009902
#3	.043389	-.006386	-.008392	.037688	-.002926	-.011092

Sample Name: PB111150BL Acquired: 7/20/2018 16:13:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW009 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000376	-.041198	.0019225	-.001230	-.000515	-.000077
Stddev	.000179	.003105	.0017148	.000498	.000869	.001461
%RSD	47.45804	7.535491	89.19715	40.46590	168.7290	1900.733

#1	-.000569	-.039723	.0003742	-.000897	.000321	.000965
#2	-.000216	-.039106	.0037656	-.001802	-.000452	-.001746
#3	-.000344	-.044765	.0016277	-.000991	-.001414	.000550

Elem	Sr4077
Units	ppm
Avg	-.000078
Stddev	.000099
%RSD	127.9805

#1	.000037
#2	-.000133
#3	-.000137

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2005.788	2521.625	40493.14	4750.783	3286.500
Stddev	5.039	7.436	71.33	15.799	11.216
%RSD	.2512365	.2948785	.1761428	.3325506	.3412661

#1	2008.472	2517.336	40542.21	4732.600	3277.605
#2	1999.975	2530.211	40411.32	4761.150	3299.099
#3	2008.918	2517.328	40525.88	4758.600	3282.796

Sample Name: PB111150BS Acquired: 7/20/2018 16:17:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0172438	.0425777	.0186489	.0616082	.1051884	.3518175
Stddev	.0028406	.0021280	.0011747	.0008285	.0016514	.0076721
%RSD	16.47295	4.997887	6.299166	1.344833	1.569975	2.180716

#1	.0187548	.0448153	.0191788	.0615153	.1036366	.3575809
#2	.0139671	.0405797	.0194653	.0624792	.1050045	.3547624
#3	.0190095	.0423380	.0173026	.0608300	.1069240	.3431092

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3680107	.0092115	.0095586	9.088354	.0192878	.0901272
Stddev	.0006358	.0000939	.0000068	.040738	.0004069	.0003855
%RSD	.1727784	1.019590	.0714209	.4482463	2.109611	.4277097

#1	.3687449	.0091869	.0095588	9.134688	.0191227	.0898819
#2	.3676379	.0091323	.0095517	9.058156	.0197514	.0899281
#3	.3676494	.0093153	.0095653	9.072216	.0189895	.0905715

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0380910	.2028127	.0297127	8.637252	.0773210	.0166714
Stddev	.0005558	.0252757	.0003064	.043618	.0007528	.0001192
%RSD	1.459246	12.46258	1.031092	.5049952	.9736195	.7146809

#1	.0377237	.2164232	.0299375	8.626705	.0778180	.0166108
#2	.0378188	.2183665	.0293637	8.599875	.0764549	.0168087
#3	.0387305	.1736484	.0298368	8.685176	.0776902	.0165948

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.817039	.0917231	.1126067	8.474698	.0258378	F .0061263
Stddev	.179575	.0081899	.0040959	.059337	.0009823	.0004854
%RSD	2.036683	8.928917	3.637337	.7001693	3.801598	7.922824

#1	9.023813	.0881512	.1168028	8.429185	.0269717	.0058609
#2	8.700214	.1010923	.1086190	8.453101	.0252958	.0058315
#3	8.727090	.0859259	.1123984	8.541809	.0252460	.0066865

Sample Name: PB111150BS Acquired: 7/20/2018 16:17:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS009 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0178014	.1298466	.1758694	F .0134381	.1871383	.0847066
Stddev	.0002500	.0052024	.0023599	.0011513	.0020052	.0013460
%RSD	1.404559	4.006570	1.341873	8.567584	1.071525	1.589051

#1	.0179079	.1263609	.1780504	.0121286	.1852479	.0831674
#2	.0175157	.1358265	.1733640	.0142915	.1869257	.0856631
#3	.0179805	.1273524	.1761937	.0138942	.1892414	.0852894

Elem	Sr4077
Units	ppm
Avg	.1829757
Stddev	.0002411
%RSD	.1317673

#1	.1828312
#2	.1828419
#3	.1832541

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2071.610	2575.399	41619.93	4844.475	3413.234
Stddev	3.560	3.730	91.99	22.192	5.288
%RSD	.1718436	.1448467	.2210179	.4580869	.1549218

#1	2075.594	2576.792	41624.73	4819.900	3415.971
#2	2068.740	2578.232	41525.63	4863.050	3416.591
#3	2070.496	2571.172	41709.42	4850.475	3407.138

Sample Name: PB111150TB Acquired: 7/20/2018 16:21:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LEB009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058598	-.002545	-.003249	-.000592	-.006012	.0233912
Stddev	.0017008	.001497	.000301	.000543	.001026	.0068895
%RSD	29.02531	58.80732	9.275524	91.71351	17.06457	29.45326

#1	.0073647	-.002426	-.002904	-.000805	-.005683	.0219149
#2	.0040145	-.001111	-.003378	-.000997	-.005191	.0173596
#3	.0062001	-.004098	-.003464	.000025	-.007162	.0308992

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000138	.0001288	-.000229	.0935646	.0009900	.0002225
Stddev	.000129	.0000563	.000105	.0085387	.0001723	.0002610
%RSD	93.49983	43.67909	45.82334	9.125946	17.40366	117.2923

#1	-.000285	.0001832	-.000108	.0960337	.0008983	.0003115
#2	-.000042	.0001324	-.000278	.0840634	.0011887	-.000071
#3	-.000088	.0000708	-.000300	.1005966	.0008829	.000427

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058352	.0233526	.0007921	-.020876	.0099031	-.000124
Stddev	.0012370	.0153493	.0009895	.023895	.0003875	.000399
%RSD	21.19838	65.72840	124.9304	114.4620	3.912955	321.2260

#1	.0052808	.0408872	.0019222	.002262	.0101451	.000029
#2	.0072523	.0168226	.0000812	-.019428	.0094561	-.000577
#3	.0049724	.0123481	.0003728	-.045462	.0101079	.000176

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1586.287	-.001250	.0218942	-3.58141	F .0161680	-.008780
Stddev	2.696	.004804	.0033726	.18517	.0010597	.000294
%RSD	.1699745	384.3143	15.40383	5.170299	6.553976	3.345168

#1	1586.178	-.002459	.0256455	-3.68440	.0172349	-.009030
#2	1589.036	.004043	.0191129	-3.36764	.0151158	-.008456
#3	1583.647	-.005335	.0209244	-3.69218	.0161533	-.008853

Sample Name: PB111150TB Acquired: 7/20/2018 16:21:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LEB009 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001019	-.009108	.0142424	F .0072786	.0011029	-.015678
Stddev	.000108	.005869	.0012815	.0005215	.0003635	.000082
%RSD	10.60251	64.43441	8.997722	7.164282	32.95381	.5260585

#1	-.000895	-.015870	.0151979	.0070747	.0013143	-.015713
#2	-.001085	-.006125	.0147432	.0078712	.0013112	-.015584
#3	-.001078	-.005330	.0127861	.0068899	.0006833	-.015737

Elem	Sr4077
Units	ppm
Avg	.0004525
Stddev	.0000571
%RSD	12.62288

#1	.0004752
#2	.0004948
#3	.0003875

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2099.430	2575.342	42277.76	4925.286	3227.354
Stddev	17.135	11.665	121.34	24.314	14.688
%RSD	.8161663	.4529644	.2870086	.4936589	.4550995

#1	2116.695	2579.669	42398.84	4942.740	3238.810
#2	2082.428	2584.226	42156.16	4935.603	3232.457
#3	2099.168	2562.132	42278.27	4897.514	3210.796

Sample Name: J3940-01 Acquired: 7/20/2018 16:25:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBEMG7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0121398	-.002909	-.000352	.0005378	-.005784	.1325037
Stddev	.0016163	.002287	.000610	.0021148	.000568	.0105050
%RSD	13.31433	78.63287	173.3769	393.2526	9.825547	7.928047

#1	.0102792	-.005146	.000146	-.001882	-.005312	.1418675
#2	.0129427	-.000575	-.001032	.002034	-.005624	.1344997
#3	.0131974	-.003005	-.000170	.001462	-.006414	.1211440

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.553650	.0000901	-.000308	747.9041	-.001582	.2027553
Stddev	.005799	.0001132	.000086	1.4784	.000325	.0007094
%RSD	.3732188	125.6916	27.86335	.1976782	20.52309	.3498818

#1	1.553572	.0002174	-.000374	748.6893	-.001928	.2023956
#2	1.547891	.0000521	-.000339	746.1987	-.001534	.2022978
#3	1.559488	.0000007	-.000211	748.8243	-.001284	.2035725

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0141206	-.181090	3.954922	18.98094	.0596997	.0000328
Stddev	.0027523	.014789	.007922	.09703	.0005157	.0006747
%RSD	19.49168	8.166816	.2003100	.5111933	.8638995	2059.566

#1	.0140208	-.172046	3.960311	18.88618	.0598451	-.000532
#2	.0169214	-.198158	3.945826	18.97655	.0591268	-.000149
#3	.0114195	-.173067	3.958629	19.08009	.0601271	.000780

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1481.835	-.006444	.1689987	1.345753	.0278428	.0756263
Stddev	3.426	.004589	.0037644	.012818	.0019618	.0005013
%RSD	.2311776	71.20611	2.227506	.9525082	7.046092	.6628159

#1	1483.897	-.011735	.1703596	1.343705	.0270591	.0753904
#2	1477.881	-.003537	.1647430	1.359472	.0263940	.0752865
#3	1483.728	-.004062	.1718933	1.334082	.0300754	.0762020

Sample Name: J3940-01 Acquired: 7/20/2018 16:25:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBEMG7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022001	2.054119	2.089677	.0053593	-.021561	.0030755
Stddev	.0001766	.017474	.002239	.0011588	.003852	.0018801
%RSD	8.028815	.8506705	.1071451	21.62138	17.86630	61.13000

#1	.0022737	2.043152	2.092121	.0066921	-.017165	.0052234
#2	.0023280	2.044935	2.087726	.0045913	-.023171	.0017281
#3	.0019985	2.074270	2.089183	.0047944	-.024348	.0022751

Elem	Sr4077
Units	ppm
Avg	1.136218
Stddev	.003468
%RSD	.3052140

#1	1.139124
#2	1.132379
#3	1.137152

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1990.646	2446.420	40766.25	4846.677	3032.614
Stddev	8.724	6.996	45.18	12.817	9.749
%RSD	.4382505	.2859870	.1108285	.2644548	.3214783

#1	1991.517	2452.413	40765.94	4832.744	3042.140
#2	1981.518	2448.115	40721.23	4857.966	3033.045
#3	1998.901	2438.732	40811.59	4849.320	3022.656

Sample Name: J3940-02 Acquired: 7/20/2018 16:29:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBEMG8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0139530	-.004073	.0061431	.0014768	-.002796	.1074928
Stddev	.0069160	.002466	.0009863	.0006160	.001360	.0320778
%RSD	49.56682	60.54828	16.05592	41.71367	48.63857	29.84183

#1	.0191855	-.001246	.0068108	.0013297	-.002741	.0937128
#2	.0165613	-.005786	.0050102	.0009476	-.004183	.1441582
#3	.0061120	-.005186	.0066082	.0021531	-.001464	.0846075

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7472575	.0000817	.0002524	745.7849	-.001342	.0168096
Stddev	.0011530	.0000323	.0000624	1.8595	.000381	.0003121
%RSD	.1543022	39.56430	24.71736	.2493328	28.42226	1.856855

#1	.7466330	.0000980	.0002886	744.0117	-.001031	.0169594
#2	.7485881	.0001027	.0001803	747.7201	-.001228	.0170185
#3	.7465515	.0000445	.0002882	745.6228	-.001768	.0164508

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092132	-.170232	3.776101	20.99977	.0298747	.0002612
Stddev	.0008034	.028443	.008036	.09870	.0002154	.0003574
%RSD	8.719928	16.70841	.2128130	.4699814	.7211412	136.8337

#1	.0100501	-.137659	3.767366	20.88692	.0297226	.0006125
#2	.0084482	-.182872	3.777760	21.06994	.0301212	.0002731
#3	.0091414	-.190163	3.783179	21.04246	.0297803	-.000102

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1498.556	-.007804	.1927584	7.957976	.0348893	.1737725
Stddev	5.788	.011590	.0175737	.123029	.0022015	.0011071
%RSD	.3862277	148.5221	9.116952	1.545979	6.309883	.6371003

#1	1493.189	-.009494	.2130454	8.068896	.0333702	.1725842
#2	1504.689	.004539	.1830189	7.825649	.0338836	.1739582
#3	1497.790	-.018456	.1822110	7.979382	.0374140	.1747750

Sample Name: J3940-02 Acquired: 7/20/2018 16:29:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBEMG8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015334	11.46398	2.470914	.0044568	-.020964	.0076507
Stddev	.0002148	.02340	.012540	.0015697	.003018	.0025232
%RSD	14.01142	.2041607	.5074895	35.21915	14.39521	32.97988

#1	.0014583	11.47536	2.456476	.0026604	-.021609	.0105575
#2	.0013661	11.43706	2.477186	.0051470	-.017676	.0060258
#3	.0017757	11.47951	2.479080	.0055632	-.023607	.0063688

Elem	Sr4077
Units	ppm
Avg	1.140036
Stddev	.002397
%RSD	.2102612

#1	1.138742
#2	1.138565
#3	1.142802

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1973.026	2403.004	40496.62	4773.893	2980.764
Stddev	.413	4.933	91.93	27.226	3.576
%RSD	.0209111	.2052771	.2270104	.5703116	.1199702

#1	1972.725	2408.248	40530.60	4805.160	2984.194
#2	1973.496	2402.308	40392.54	4755.423	2981.039
#3	1972.856	2398.456	40566.72	4761.096	2977.058

Sample Name: J3940-03 Acquired: 7/20/2018 16:33:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBEMg9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0193879	-.002960	.0122100	-.000955	-.002692	.1469134
Stddev	.0018851	.002397	.0039346	.002693	.002594	.0085384
%RSD	9.722907	80.97118	32.22425	281.8476	96.38598	5.811840

#1	.0176164	-.000487	.0152419	-.001086	-.000808	.1417757
#2	.0213690	-.005273	.0077638	-.003581	-.001616	.1567697
#3	.0191783	-.003119	.0136244	.001800	-.005651	.1421949

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9756053	.0001884	-.000233	754.3351	-.000152	.0104660
Stddev	.0026763	.0000640	.000058	1.3213	.000333	.0007097
%RSD	.2743225	33.96230	24.85573	.1751630	218.5072	6.780966

#1	.9786326	.0001270	-.000289	754.8813	-.000124	.0096581
#2	.9746295	.0001834	-.000236	755.2958	-.000499	.0109886
#3	.9735538	.0002547	-.000173	752.8283	.000166	.0107514

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068579	3.871256	2.018966	20.95308	.0243592	-.000240
Stddev	.0045629	.042349	.006337	.11319	.0004411	.000065
%RSD	66.53517	1.093942	.3138828	.5402038	1.810875	27.02878

#1	.0053102	3.825409	2.014187	20.84303	.0248658	-.000168
#2	.0119934	3.908910	2.026154	21.06917	.0241511	-.000293
#3	.0032702	3.879450	2.016556	20.94705	.0240606	-.000259

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1502.987	-.006162	.2648901	4.231474	.0408144	.1285207
Stddev	4.428	.009649	.0135450	.117059	.0038676	.0013171
%RSD	.2946020	156.5888	5.113448	2.766389	9.476100	1.024825

#1	1505.354	-.014552	.2514814	4.108668	.0382438	.1274011
#2	1505.729	.004382	.2646215	4.341784	.0452624	.1299720
#3	1497.879	-.008316	.2785674	4.243970	.0389370	.1281891

Sample Name: J3940-03 Acquired: 7/20/2018 16:33:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBEMg9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033445	11.66805	11.46829	.0044058	-.017068	.0046604
Stddev	.0001573	.06564	.06348	.0011379	.002690	.0001687
%RSD	4.702118	.5625581	.5534945	25.82744	15.76156	3.620094

#1	.0031645	11.62142	11.49600	.0031964	-.019536	.0044718
#2	.0034551	11.63963	11.51320	.0045657	-.017467	.0047968
#3	.0034140	11.74311	11.39567	.0054552	-.014201	.0047127

Elem	Sr4077
Units	ppm
Avg	1.151087
Stddev	.002709
%RSD	.2353614

#1	1.152365
#2	1.152921
#3	1.147975

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1964.930	2399.626	40278.43	4733.056	2969.566
Stddev	8.453	7.439	81.47	22.018	9.475
%RSD	.4301801	.3100018	.2022573	.4651970	.3190717

#1	1956.909	2403.806	40194.19	4726.330	2972.602
#2	1973.757	2404.034	40284.31	4715.185	2977.152
#3	1964.125	2391.037	40356.80	4757.652	2958.945

Sample Name: J3940-04 Acquired: 7/20/2018 16:37:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBEMH0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0126634	-.000098	.0036105	.0000887	-.002791	.1244809
Stddev	.0007153	.001739	.0029573	.0019690	.001183	.0270430
%RSD	5.648480	1777.059	81.90901	2219.760	42.39951	21.72465

#1	.0120904	-.002050	.0056702	-.001841	-.001977	.1180038
#2	.0124348	.001286	.0049394	.000012	-.002247	.1541743
#3	.0134651	.000471	.0002218	.002095	-.004148	.1012645

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9556633	.0000292	.0007161	720.5404	-.002327	.0444802
Stddev	.0027556	.0000550	.0000732	.9547	.000100	.0003355
%RSD	.2883468	188.3941	10.22371	.1325000	4.285185	.7542622

#1	.9529706	-.000010	.0006585	720.3995	-.002435	.0441799
#2	.9555416	.000005	.0006913	719.6639	-.002308	.0448423
#3	.9584778	.000092	.0007985	721.5577	-.002238	.0444184

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063204	-.133131	4.935604	21.05630	.0290782	.0000218
Stddev	.0013615	.014157	.001113	.06232	.0000897	.0002245
%RSD	21.54158	10.63419	.0225458	.2959914	.3084650	1029.825

#1	.0069171	-.143108	4.936425	21.00613	.0291779	-.000212
#2	.0072816	-.116928	4.934338	21.12607	.0290039	.000236
#3	.0047624	-.139358	4.936050	21.03670	.0290530	.000042

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1459.767	-.012061	.2420861	9.308475	.0418621	.1669548
Stddev	4.745	.009201	.0071438	.031144	.0044453	.0019550
%RSD	.3250823	76.28332	2.950923	.3345773	10.61882	1.171007

#1	1461.707	-.022669	.2501514	9.317117	.0451861	.1661133
#2	1454.358	-.006246	.2395524	9.334387	.0435873	.1655615
#3	1463.235	-.007268	.2365546	9.273923	.0368128	.1691897

Sample Name: J3940-04 Acquired: 7/20/2018 16:37:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBEMH0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014156	5.164508	4.336556	.0047796	-.021096	.0130884
Stddev	.0000991	.012687	.028920	.0013025	.002940	.0024417
%RSD	7.003045	.2456637	.6668820	27.25071	13.93855	18.65540

#1	.0015084	5.157444	4.349711	.0062835	-.017819	.0110758
#2	.0013112	5.156924	4.303397	.0040141	-.023503	.0158047
#3	.0014271	5.179155	4.356559	.0040413	-.021966	.0123848

Elem	Sr4077
Units	ppm
Avg	1.306396
Stddev	.002603
%RSD	.1992867

#1	1.309367
#2	1.305312
#3	1.304510

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1978.310	2439.199	40679.31	4843.452	3026.125
Stddev	14.800	16.344	64.90	3.857	15.534
%RSD	.7481124	.6700700	.1595428	.0796322	.5133334

#1	1963.006	2455.095	40666.66	4846.162	3040.217
#2	1992.549	2440.061	40621.66	4839.036	3028.689
#3	1979.375	2422.440	40749.60	4845.159	3009.468

Sample Name: J3940-05 Acquired: 7/20/2018 16:41:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBEMH0d Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124697	-.001909	.0035583	.0006359	-.002316	.1421291
Stddev	.0030672	.000763	.0017510	.0024905	.000441	.0110831
%RSD	24.59741	39.97586	49.20834	391.6506	19.03961	7.797898

#1	.0124010	-.001128	.0016093	.0026985	-.002597	.1318760
#2	.0155706	-.001945	.0049986	-.002131	-.001808	.1538882
#3	.0094374	-.002653	.0040670	.001340	-.002544	.1406231

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9566174	.0000468	.0007340	719.8760	-.001814	.0429276
Stddev	.0012202	.0000466	.0000562	2.0852	.000468	.0002186
%RSD	.1275555	99.54203	7.655950	.2896654	25.78628	.5093111

#1	.9579405	-.000006	.0007987	718.9516	-.002109	.0431491
#2	.9555363	.000063	.0006978	722.2636	-.001275	.0427120
#3	.9563755	.000083	.0007055	718.4128	-.002059	.0429218

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053528	-.132221	4.931696	21.10051	.0287636	.0002992
Stddev	.0018087	.025521	.010289	.02225	.0000507	.0002773
%RSD	33.78895	19.30183	.2086295	.1054261	.1763175	92.67855

#1	.0074100	-.102777	4.925753	21.07572	.0287910	.0005556
#2	.0046359	-.145890	4.943577	21.10708	.0287051	.0000049
#3	.0040126	-.147997	4.925759	21.11872	.0287948	.0003372

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1458.337	-.009849	.2420499	9.434507	.0411415	.1676288
Stddev	5.540	.003998	.0090172	.095979	.0029184	.0003549
%RSD	.3799182	40.59345	3.725361	1.017317	7.093618	.2117368

#1	1456.012	-.005888	.2364661	9.324362	.0387807	.1672203
#2	1464.661	-.013882	.2372309	9.500206	.0444044	.1678049
#3	1454.337	-.009775	.2524527	9.478954	.0402392	.1678613

Sample Name: J3940-05 Acquired: 7/20/2018 16:41:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBEMH0d Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013003	5.203039	4.377471	.0041368	-.019411	.0111588
Stddev	.0003891	.004007	.036206	.0013337	.004001	.0012812
%RSD	29.92367	.0770217	.8271021	32.23938	20.61430	11.48146

#1	.0009041	5.207660	4.349551	.0026418	-.019633	.0116002
#2	.0013149	5.200512	4.418380	.0052045	-.015303	.0097152
#3	.0016819	5.200946	4.364483	.0045642	-.023296	.0121608

Elem	Sr4077
Units	ppm
Avg	1.308049
Stddev	.004405
%RSD	.3367915

#1	1.304838
#2	1.313071
#3	1.306238

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2001.328	2445.963	41121.22	4866.077	3029.151
Stddev	8.586	13.281	93.03	37.869	9.160
%RSD	.4289903	.5429700	.2262316	.7782287	.3023922

#1	2002.295	2447.652	41123.78	4890.410	3032.611
#2	2009.389	2458.318	41212.94	4822.446	3036.077
#3	1992.300	2431.918	41026.94	4885.375	3018.765

Sample Name: J3940-06 Acquired: 7/20/2018 16:45:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBEMH0s Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0523956	.0503093	.0261209	.0542853	.0994143	2.178846
Stddev	.0010141	.0025811	.0022968	.0008538	.0003698	.014973
%RSD	1.935525	5.130408	8.792963	1.572847	.3719321	.6871999

#1	.0530000	.0532761	.0247013	.0545138	.0991588	2.192109
#2	.0529620	.0490725	.0287708	.0550016	.0992458	2.162610
#3	.0512248	.0485794	.0248907	.0533404	.0998383	2.181820

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.183649	.0537514	.0571871	725.8125	.2127474	.5980513
Stddev	.007656	.0001200	.0003823	1.2023	.0011517	.0029613
%RSD	.2404705	.2233190	.6685145	.1656450	.5413425	.4951527

#1	3.192333	.0538233	.0568928	727.1681	.2119561	.5958493
#2	3.177875	.0536129	.0570494	725.3942	.2122174	.5968869
#3	3.180740	.0538182	.0576192	724.8753	.2140687	.6014178

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2514537	.9652120	5.486314	21.10235	.5909035	.0545004
Stddev	.0014219	.0439668	.013758	.16638	.0020878	.0006609
%RSD	.5654539	4.555142	.2507765	.7884303	.3533308	1.212582

#1	.2513975	.9169961	5.501799	21.28003	.5890371	.0547973
#2	.2529029	.9755543	5.481646	20.95023	.5905153	.0549608
#3	.2500609	1.003086	5.475497	21.07679	.5931583	.0537432

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1468.856	.5603347	.7915316	9.506982	.0468972	.1673824
Stddev	4.690	.0066895	.0096669	.123063	.0053258	.0005194
%RSD	.3192844	1.193843	1.221289	1.294451	11.35622	.3103238

#1	1473.926	.5543123	.7896348	9.587137	.0409470	.1674674
#2	1467.968	.5591567	.8020063	9.365288	.0512176	.1668257
#3	1464.673	.5675349	.7829537	9.568521	.0485271	.1678540

Sample Name: J3940-06 Acquired: 7/20/2018 16:45:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBEMH0s Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014573	5.168487	4.308151	.0052416	-.022238	.0149840
Stddev	.0003104	.023814	.014031	.0013666	.001088	.0021205
%RSD	21.29989	.4607633	.3256841	26.07150	4.893279	14.15165

#1	.0017378	5.155512	4.322502	.0060970	-.021010	.0166202
#2	.0011238	5.153978	4.294464	.0036655	-.023082	.0157435
#3	.0015104	5.195971	4.307488	.0059622	-.022622	.0125884

Elem	Sr4077
Units	ppm
Avg	1.312836
Stddev	.001117
%RSD	.0850713

#1	1.313159
#2	1.311593
#3	1.313756

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1947.865	2401.409	40238.07	4774.839	2975.921
Stddev	6.051	8.134	105.03	15.470	15.201
%RSD	.3106581	.3387259	.2610253	.3239921	.5108150

#1	1954.704	2407.706	40316.90	4757.147	2990.152
#2	1943.207	2404.296	40118.83	4785.821	2977.705
#3	1945.684	2392.225	40278.47	4781.550	2959.906

Sample Name: J3940-04LX5 Acquired: 7/20/2018 16:49:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBEMH0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031292	.0008999	.0008536	-.001455	-.001247	.0355198	.1957423
Stddev	.0003951	.0013918	.0014207	.002316	.001829	.0080425	.0007457
%RSD	12.62574	154.6599	166.4410	159.2250	146.7386	22.64240	.3809605

#1	.0032745	.0005821	.0021311	.000630	-.001600	.0447710	.1954150
#2	.0026821	.0024232	.0011062	-.003948	.000733	.0315959	.1952162
#3	.0034311	-.000305	-.000676	-.001047	-.002874	.0301923	.1965957

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000485	.0001345	146.2899	-.000202	.0085173	.0068422	-.035207
Stddev	.0000303	.0001158	.1160	.000277	.0001891	.0016684	.001982
%RSD	62.46689	86.08999	.0793231	137.5585	2.220137	24.38392	5.629271

#1	.0000512	.0000009	146.3316	.000070	.0083803	.0087619	-.036012
#2	.0000169	.0001969	146.3793	-.000190	.0084385	.0057425	-.036659
#3	.0000773	.0002058	146.1588	-.000484	.0087330	.0060222	-.032949

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.024545	4.412564	.0060976	.0000827	294.2583	.0006824	.0470080
Stddev	.001730	.120133	.0000976	.0003090	.5019	.0013807	.0103528
%RSD	.1688407	2.722510	1.600744	373.5177	.1705655	202.3314	22.02355

#1	1.024315	4.527182	.0060446	-.000062	293.7308	.0019845	.0500301
#2	1.022941	4.422923	.0062103	.000437	294.7300	.0008279	.0555135
#3	1.026378	4.287587	.0060381	-.000128	294.3141	-.000765	.0354804

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.260305	.0108220	.0238225	.0001218	.9843614	.8673107	-.000711
Stddev	.157286	.0037905	.0010920	.0001730	.0079010	.0049898	.000616
%RSD	3.691891	35.02582	4.583824	141.9913	.8026494	.5753198	86.70123

#1	4.313155	.0138433	.0237684	.0000510	.9934844	.8615779	-.001393
#2	4.384359	.0065688	.0227586	-.000005	.9798611	.8696774	-.000193
#3	4.083401	.0120539	.0249405	.000319	.9797387	.8706767	-.000547

Sample Name: J3940-04LX5 Acquired: 7/20/2018 16:49:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBEMH0L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002301	.0451560	.2672922
Stddev	.001571	.0022367	.0008882
%RSD	68.26298	4.953334	.3322879

#1	-.004008	.0450051	.2682707
#2	-.001977	.0429986	.2665371
#3	-.000918	.0474644	.2670687

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1978.201	2444.883	40220.30	4719.884	3244.676
Stddev	7.606	8.192	56.67	10.640	13.840
%RSD	.3844915	.3350479	.1409003	.2254363	.4265588

#1	1973.468	2439.480	40213.23	4732.122	3239.722
#2	1986.975	2454.308	40167.50	4712.817	3260.312
#3	1974.162	2440.860	40280.18	4714.713	3233.994

Sample Name: CCV074 Acquired: 7/20/2018 17:04:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV074 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.764240	4.925211	24.60970	4.704496	4.854008	403.2355	10.06464
Stddev	.036524	.019684	.08735	.024477	.030865	2.0755	.03614
%RSD	.7666222	.3996615	.3549334	.5202861	.6358734	.5147132	.3590367

#1	4.729367	4.922364	24.57922	4.678510	4.840925	401.2610	10.09286
#2	4.761137	4.907106	24.54167	4.707864	4.831839	403.0463	10.02391
#3	4.802217	4.946164	24.70820	4.727115	4.889260	405.3991	10.07716

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4904794	2.437919	402.1292	15.07538	2.463037	15.23082	410.5105
Stddev	.0011592	.007589	.8753	.01542	.006692	.07937	2.7712
%RSD	.2363413	.3113071	.2176571	.1022973	.2716902	.5211411	.6750668

#1	.4917898	2.437482	402.9501	15.07367	2.464544	15.17110	413.7024
#2	.4895878	2.430558	401.2082	15.06089	2.455720	15.20047	408.7181
#3	.4900607	2.445718	402.2292	15.09159	2.468847	15.32089	409.1111

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.62037	401.0162	2.521107	1.235661	404.6064	2.458358	14.41048
Stddev	.05879	1.8938	.006963	.007651	1.8582	.030494	.15984
%RSD	.4021245	.4722479	.2761738	.6191617	.4592625	1.240438	1.109195

#1	14.68819	403.0077	2.519157	1.243110	406.3178	2.423169	14.31815
#2	14.58377	399.2382	2.515327	1.236049	402.6299	2.477061	14.59504
#3	14.58916	400.8027	2.528837	1.227823	404.8716	2.474842	14.31823

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	150.3770	5.170459	5.158173	4.772658	5.076790	4.862611	4.999745
Stddev	.5520	.010608	.025194	.029027	.009958	.019467	.024743
%RSD	.3670588	.2051636	.4884246	.6081968	.1961392	.4003458	.4948846

#1	149.9206	5.168092	5.187233	4.750928	5.078562	4.883269	5.002103
#2	150.2199	5.161235	5.144827	4.761424	5.066065	4.844606	4.973907
#3	150.9905	5.182050	5.142461	4.805624	5.085743	4.859960	5.023224

Sample Name: CCV074 Acquired: 7/20/2018 17:04:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV074 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.885684	5.033636	4.979687
Stddev	.036816	.012519	.009504
%RSD	.7535434	.2487095	.1908528

#1	4.845511	5.028364	4.987144
#2	4.893729	5.024615	4.968986
#3	4.917812	5.047929	4.982931

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1787.483	2183.916	38556.78	4577.959	2842.548
Stddev	8.371	9.223	136.88	14.960	2.011
%RSD	.4683115	.4223282	.3550114	.3267893	.0707404

#1	1787.732	2194.226	38487.32	4588.656	2844.526
#2	1778.990	2181.072	38468.54	4584.358	2842.613
#3	1795.726	2176.449	38714.46	4560.863	2840.506

Sample Name: CCB074 Acquired: 7/20/2018 17:07:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB074 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000442	-.003208	-.001636	-.000904	-.001254	-.001376	.0004917
Stddev	.001960	.001534	.002128	.000866	.001084	.009357	.0006335
%RSD	442.9858	47.80468	130.1018	95.80833	86.45602	679.8976	128.8323

#1	.001194	-.001976	-.002740	-.000230	-.001978	.008026	.0009049
#2	.000092	-.004926	.000818	-.000602	-.000008	-.001468	-.000238
#3	-.002614	-.002722	-.002984	-.001881	-.001776	-.010687	.000808

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000003	-.000048	.0257515	-.000055	-.000065	.0047491	.0146856
Stddev	.000021	.000058	.0169280	.000021	.000360	.0031383	.0194420
%RSD	680.9749	122.2408	65.73606	37.54022	557.1430	66.08048	132.3885

#1	.000002	-.000083	.0446156	-.000036	-.000189	.0022598	.0277234
#2	-.000026	.000020	.0118849	-.000051	.000341	.0037132	.0239939
#3	.000015	-.000080	.0207540	-.000077	-.000346	.0082744	-.007661

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009949	-.000369	.0002654	-.000114	.1734693	-.003519	-.004215
Stddev	.0005504	.004921	.0000346	.000270	.1158442	.013419	.006452
%RSD	55.32829	1332.824	13.02773	236.1719	66.78084	381.3789	153.0941

#1	.0010660	.005293	.0002857	.000059	.0664733	-.004950	-.011617
#2	.0015063	-.003613	.0002255	.000023	.2964927	.010559	-.001245
#3	.0004123	-.002789	.0002851	-.000426	.1574419	-.016164	.000218

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8400584	.0004610	-.003811	.0001492	-.044654	.0053906	-.000060
Stddev	.0832793	.0019404	.000140	.0003185	.002300	.0012117	.000707
%RSD	9.913513	420.9378	3.676360	213.4707	5.151589	22.47776	1179.236

#1	.8390588	-.001729	-.003658	.0002499	-.042098	.0063254	.000463
#2	.7572834	.001148	-.003839	.0004052	-.046557	.0058248	.000221
#3	.9238330	.001965	-.003934	-.000207	-.045308	.0040216	-.000864

Sample Name: CCB074 Acquired: 7/20/2018 17:07:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v599) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB074 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0021205	.0198216	.0000861
Stddev	.0014756	.0021482	.0001252
%RSD	69.58623	10.83781	145.4203

#1	.0008115	.0202106	.0000342
#2	.0037196	.0217487	-.000005
#3	.0018304	.0175054	.000229

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2014.473	2498.473	40438.88	4696.908	3244.866
Stddev	17.085	8.834	65.78	7.959	12.946
%RSD	.8481133	.3535761	.1626731	.1694580	.3989563

#1	2028.182	2492.207	40514.81	4687.800	3237.237
#2	2019.903	2508.576	40402.45	4700.400	3259.813
#3	1995.333	2494.635	40399.36	4702.525	3237.547