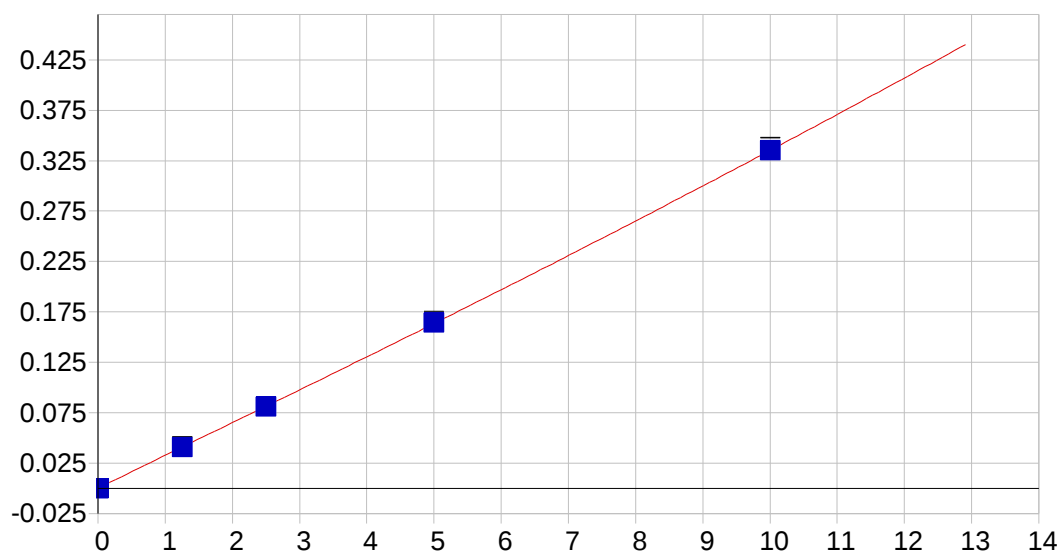




As 189.042 {479}

Date of Fit: 6/11/2018 14:51:00

Type of Fit: Full Fit

Weighting: 1/Conc

A0 (Offset): -0.000212

Re-Slope: 1.000000

A1 (Gain): 0.032744

Y-int: 0.000000

A2 (Curvature): 0.000342

n (Exponent): 0.970000

Correlation: 0.999993

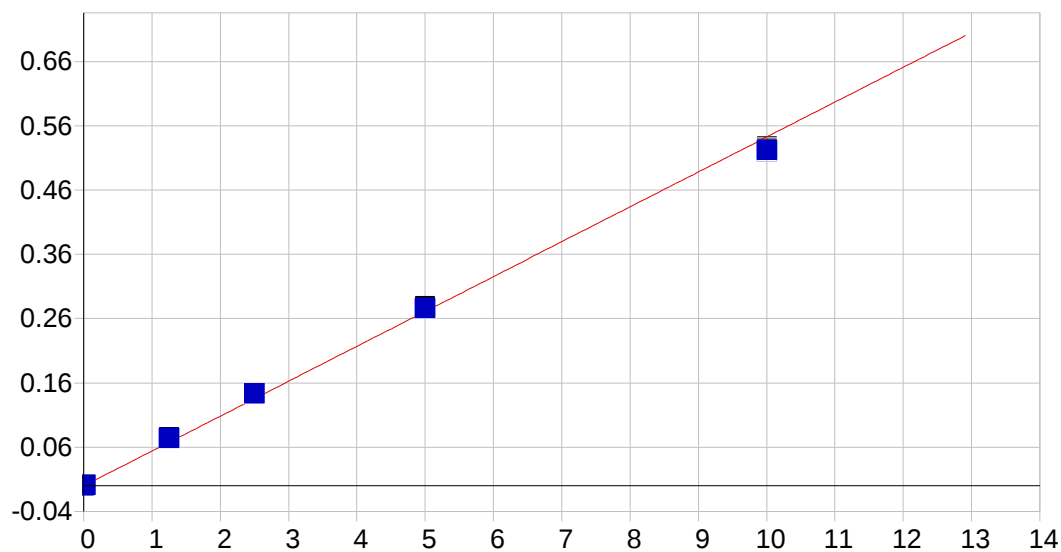
Status: Warning Positive Curvature

Std Error of Est: 0.000003

Predicted MDL: 0.003900

Predicted MQL: 0.013002

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00021	.000	1
S1	.01000	.01081	.001	8.14	.00019	.000	1
S2	1.2500	1.2498	.000	-.019	.04106	.000	1
S3	2.5000	2.4841	-.016	-.638	.08113	.000	1
S4	5.0000	5.0222	.022	.445	.16469	.001	1
S5	10.000	9.9931	-.007	-.069	.33571	.003	1

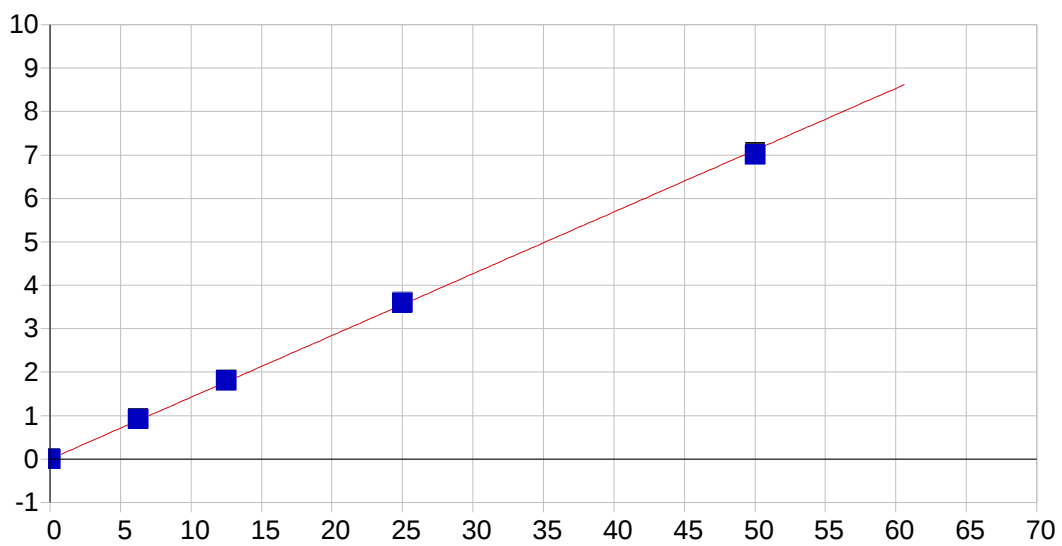


TI 190.856 {477}

Date of Fit: 6/11/2018 14:51:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000261 Re-Slope: 1.000000
 A1 (Gain): 0.054277 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999034 Status: OK.
 Std Error of Est: 0.000063
 Predicted MDL: 0.001974
 Predicted MQL: 0.006579

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00026	.000	1
S1	.02500	.02508	.000	.319	.00108	.000	1
S2	1.2500	1.3701	.120	9.61	.07369	.001	1
S3	2.5000	2.6486	.149	5.94	.14268	.000	1
S4	5.0000	5.0994	.099	1.99	.27488	.002	1
S5	10.000	9.6319	-.368	-3.68	.51925	.005	1

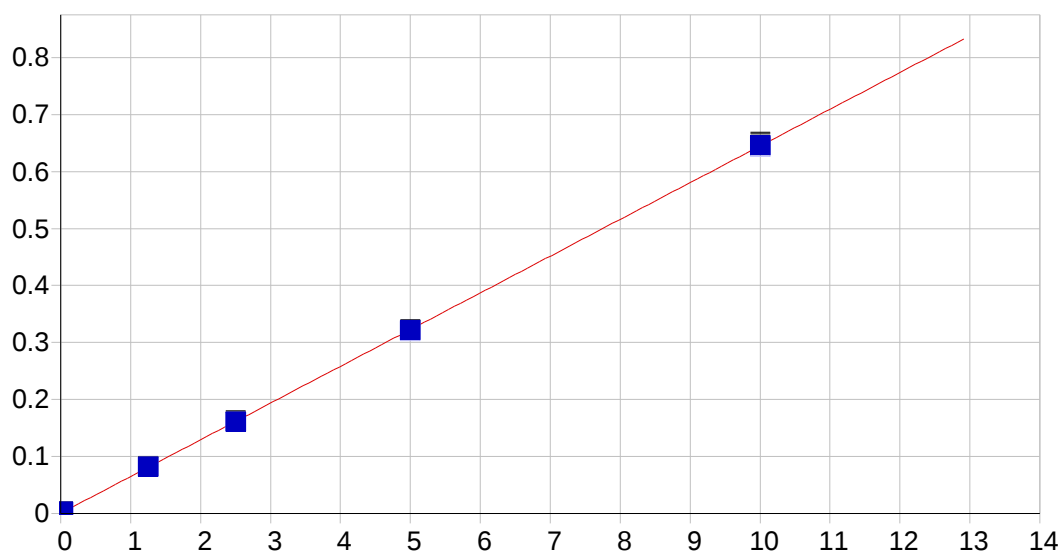


Pb 220.353 {453}

Date of Fit: 6/11/2018 14:51:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000089 Re-Slope: 1.000000
 A1 (Gain): 0.142231 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999843 Status: OK.
 Std Error of Est: 0.000095
 Predicted MDL: 0.001658
 Predicted MQL: 0.005525

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00009	.000	1
S1	.01000	.00849	-.002	-15.1	.00113	.000	1
S2	6.2500	6.4959	.246	3.93	.92522	.003	1
S3	12.500	12.700	.200	1.60	1.8091	.004	1
S4	25.000	25.330	.330	1.32	3.6082	.004	1
S5	50.000	49.225	-.775	-1.55	7.0125	.045	1



Date of Fit: 6/11/2018 14:51:00

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000457

Re-Slope: 1.000000

A1 (Gain): 0.064450

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999983

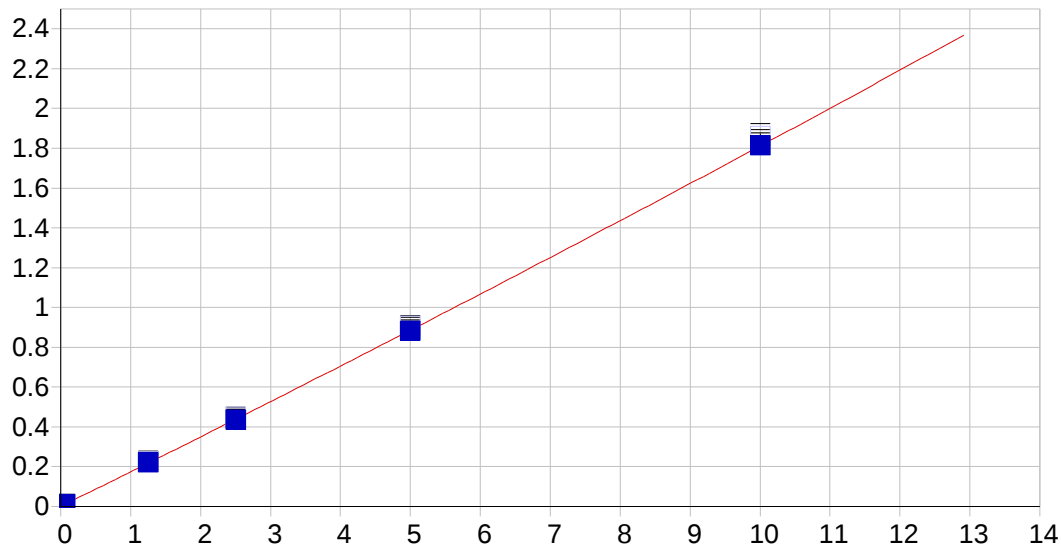
Status: OK.

Std Error of Est: 0.000012

Predicted MDL: 0.003070

Predicted MQL: 0.010232

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00046	.000	1
S1	.03500	.03218	-.003	-8.06	.00253	.000	1
S2	1.2500	1.2693	.019	1.54	.08188	.000	1
S3	2.5000	2.4934	-.007	-.262	.16040	.001	1
S4	5.0000	4.9788	-.021	-.424	.31983	.001	1
S5	10.000	10.011	.011	.113	.64266	.006	1

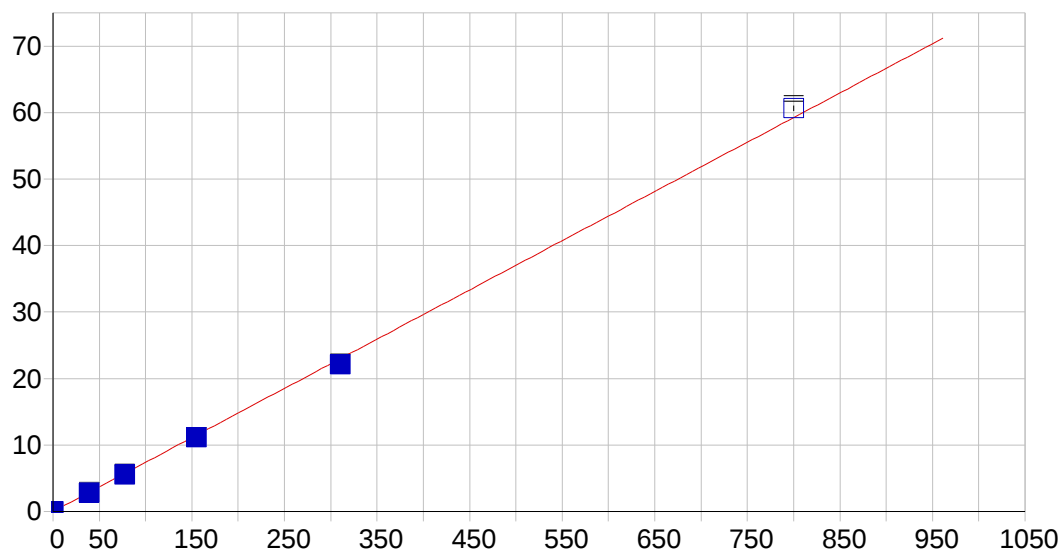


Sb 206.833 {463}

Date of Fit: 6/11/2018 14:51:00 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000549 Re-Slope: 1.000000
 A1 (Gain): 0.172988 Y-int: 0.000000
 A2 (Curvature): 0.000806
 n (Exponent): 1.000000
 Correlation: 0.999992 Status: Warning Positive Curvature
 Std Error of Est: 0.000035
 Predicted MDL: 0.001494
 Predicted MQL: 0.004980

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00055	.000	1
S1	.06000	.05993	.000	-.122	.01092	.000	1
S2	1.2500	1.2670	.017	1.36	.22691	.001	1
S3	2.5000	2.4928	-.007	-.287	.44856	.002	1
S4	5.0000	4.9819	-.018	-.363	.90590	.005	1
S5	10.000	10.008	.008	.084	1.8597	.015	1

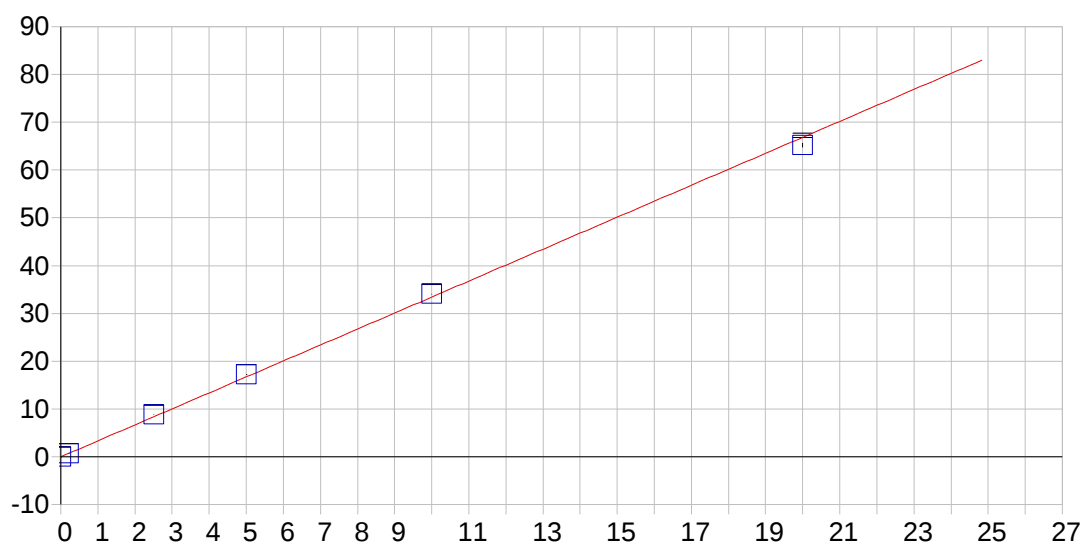


AI 396.152 { 85}

Date of Fit: 6/11/2018 14:51:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000816 Re-Slope: 1.000000
 A1 (Gain): 0.074055 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999621 Status: OK.
 Std Error of Est: 0.001268
 Predicted MDL: 0.009209
 Predicted MQL: 0.030697

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00082	.001	1
S1	.20000	.19623	-.004	-1.88	.01537	.000	1
S2	38.750	38.284	-.466	-1.20	2.8387	.012	1
S3	77.500	75.130	-2.37	-3.06	5.5699	.023	1
S4	155.00	150.50	-4.50	-2.90	11.157	.011	1
S5	310.00	298.77	-11.2	-3.62	22.147	.021	1
S6	800.00	818.59	18.6	2.32	60.622	.404	1

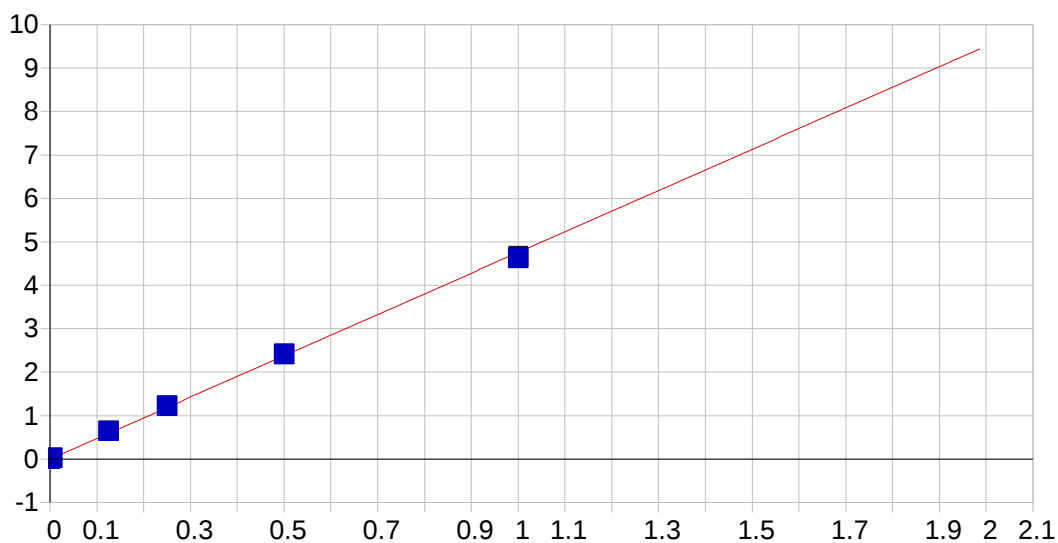


Ba 493.409 { 68}

Date of Fit: 6/11/2018 14:51:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.018326 Re-Slope: 1.000000
 A1 (Gain): 3.343086 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999628 Status: OK.
 Std Error of Est: 0.009689
 Predicted MDL: 0.000636
 Predicted MQL: 0.002119

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	-.01839	.000	1
S1	.20000	.20311	.003	1.56	.66069	.001	1
S2	2.5000	2.6327	.133	5.31	8.7832	.027	1
S3	5.0000	5.1601	.160	3.20	17.232	.028	1
S4	10.000	10.194	.194	1.94	34.063	.061	1
S5	20.000	19.510	-.490	-2.45	65.204	.415	1



Be 234.861 {144}

Date of Fit: 6/11/2018 14:51:00

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001597

Re-Slope: 1.000000

A1 (Gain): 4.755855

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999473

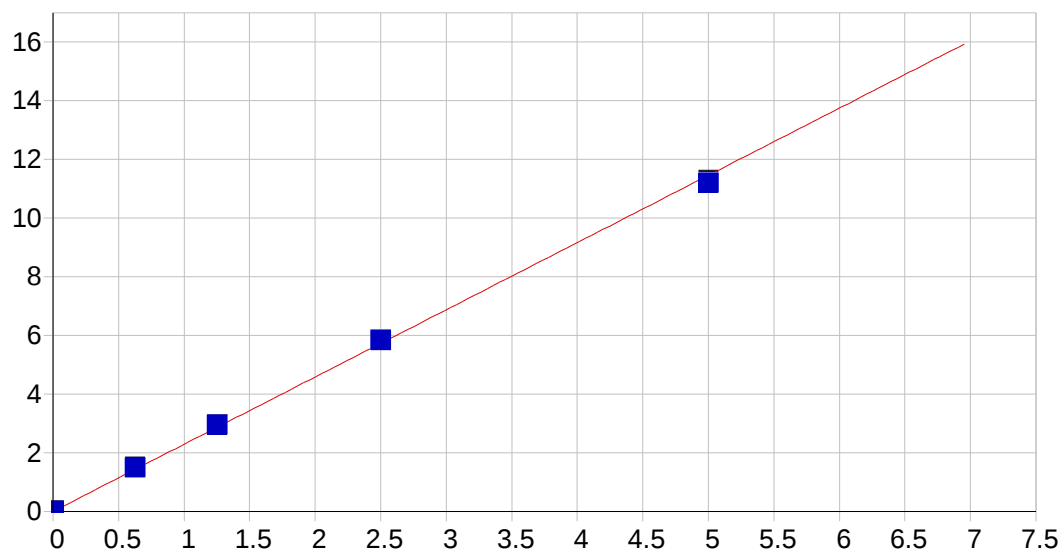
Status: OK.

Std Error of Est: 0.000577

Predicted MDL: 0.000071

Predicted MQL: 0.000236

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00160	.000	1
S1	.00500	.00525	.000	5.07	.02337	.000	1
S2	.12500	.13522	.010	8.18	.63889	.001	1
S3	.25000	.25842	.008	3.37	1.2222	.005	1
S4	.50000	.50780	.008	1.56	2.4030	.006	1
S5	1.0000	.97330	-.027	-2.67	4.6065	.044	1

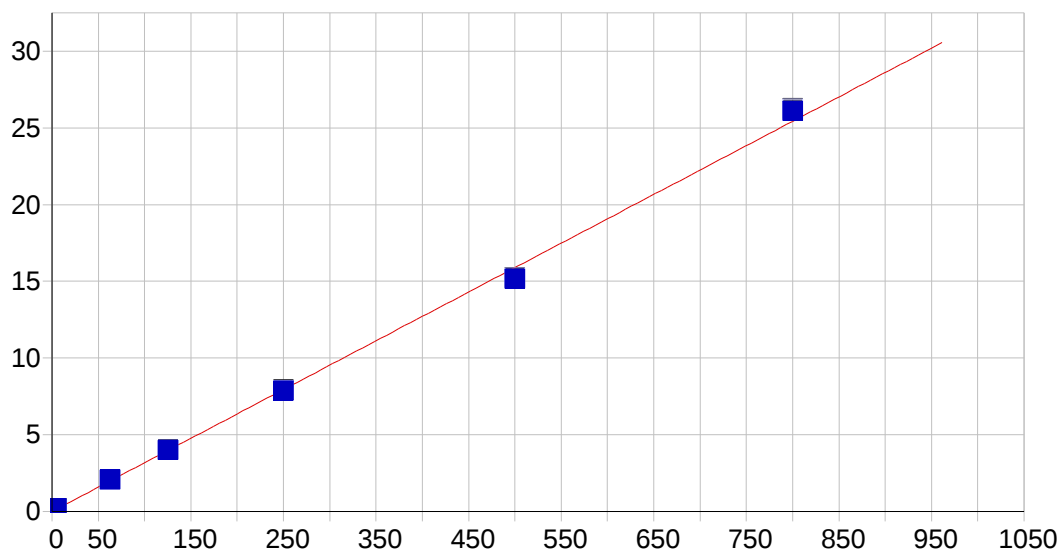


Cd 214.438 {457}

Date of Fit: 6/11/2018 14:51:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000617 Re-Slope: 1.000000
 A1 (Gain): 2.291895 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999672 Status: OK.
 Std Error of Est: 0.000493
 Predicted MDL: 0.000080
 Predicted MQL: 0.000268

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00062	.000	1
S1	.00500	.00499	.000	-.199	.01206	.000	1
S2	.62500	.65622	.031	5.00	1.5076	.005	1
S3	1.2500	1.2866	.037	2.93	2.9553	.006	1
S4	2.5000	2.5472	.047	1.89	5.8504	.012	1
S5	5.0000	4.8849	-.115	-2.30	11.220	.070	1

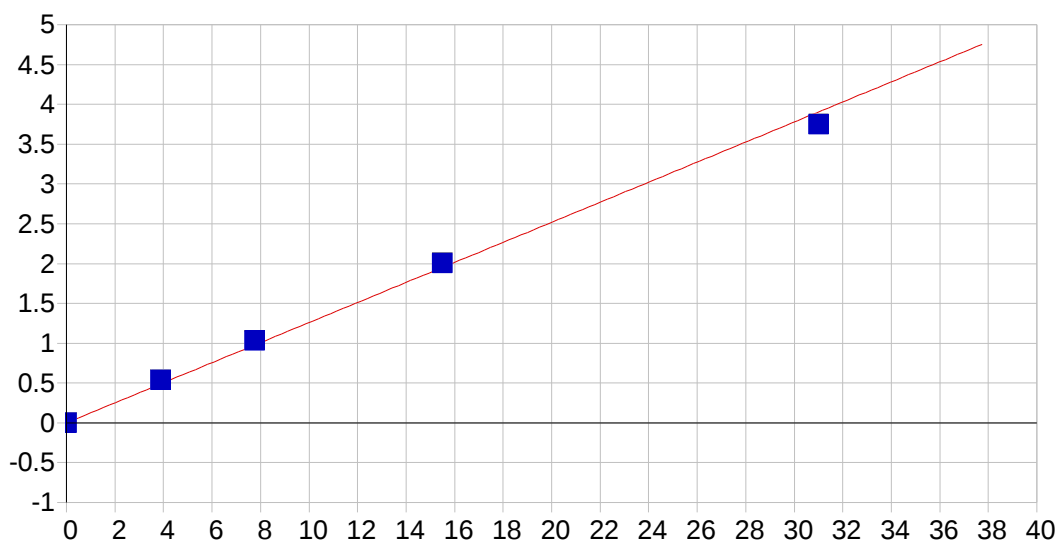


Ca 373.690 { 90}

Date of Fit: 6/11/2018 14:51:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001669 Re-Slope: 1.000000
 A1 (Gain): 0.031787 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999506 Status: OK.
 Std Error of Est: 0.003504
 Predicted MDL: 0.014973
 Predicted MQL: 0.049909

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00026	.000	.000	.00166	.000	1
S1	5.0000	5.1463	.146	2.93	.16527	.001	1
S2	62.500	65.313	2.81	4.50	2.0848	.003	1
S3	125.00	125.73	.732	.585	4.0124	.004	1
S4	250.00	247.91	-2.09	-.836	7.9102	.023	1
S5	500.00	477.30	-22.7	-4.54	15.230	.013	1
S6	800.00	821.05	21.1	2.63	26.251	.011	1

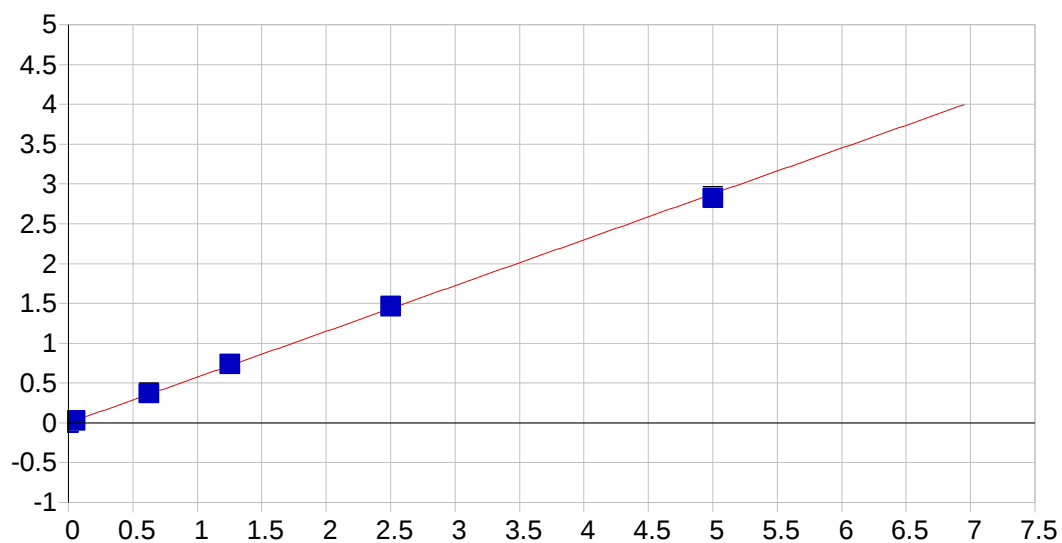


Cr 267.716 {126}

Date of Fit: 6/11/2018 14:51:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000013 Re-Slope: 1.000000
 A1 (Gain): 0.125926 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998870 Status: OK.
 Std Error of Est: 0.000177
 Predicted MDL: 0.000447
 Predicted MQL: 0.001492

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.01000	.01123	.001	12.3	.00140	.000	1
S2	3.8750	4.2822	.407	10.5	.54009	.001	1
S3	7.7500	8.1957	.446	5.75	1.0338	.001	1
S4	15.500	15.918	.418	2.70	2.0080	.006	1
S5	31.000	29.727	-1.27	-4.11	3.7503	.005	1

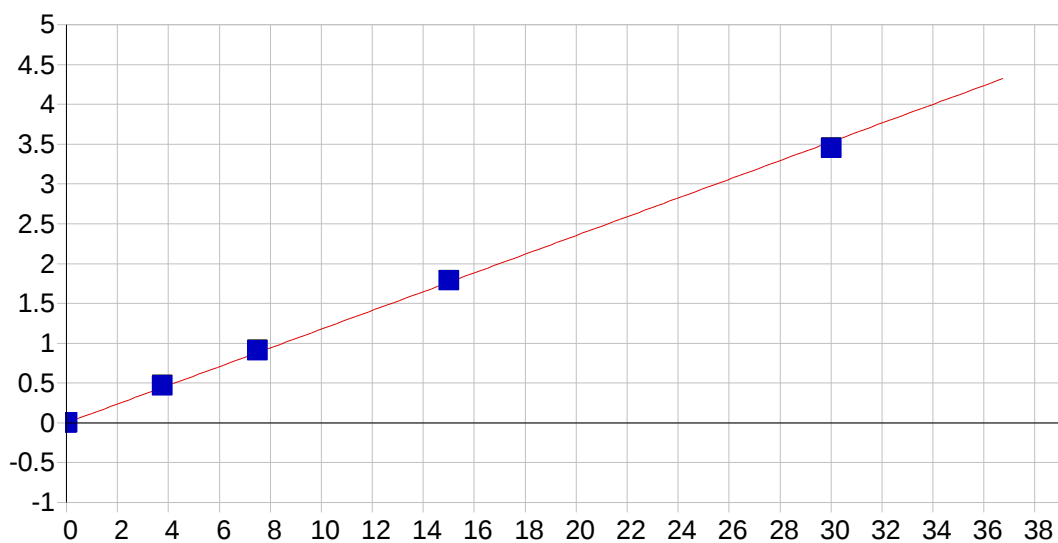


Co 228.616 {448}

Date of Fit: 6/11/2018 14:51:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000279 Re-Slope: 1.000000
 A1 (Gain): 0.574870 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999794 Status: OK.
 Std Error of Est: 0.000310
 Predicted MDL: 0.000275
 Predicted MQL: 0.000916

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00028	.000	1
S1	.05000	.04873	-.001	-2.54	.02784	.000	1
S2	.62500	.64861	.024	3.78	.37330	.001	1
S3	1.2500	1.2779	.028	2.23	.73577	.002	1
S4	2.5000	2.5411	.041	1.64	1.4634	.002	1
S5	5.0000	4.9087	-.091	-1.83	2.8273	.016	1

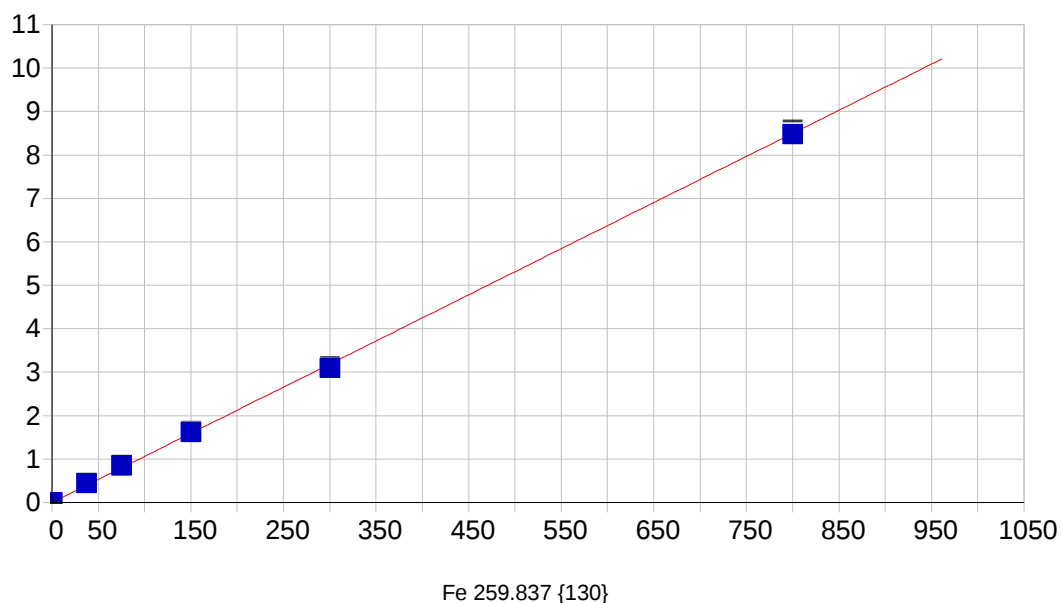


Cu 324.754 {104}

Date of Fit: 6/11/2018 14:51:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000163 Re-Slope: 1.000000
 A1 (Gain): 0.117621 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999640 Status: OK.
 Std Error of Est: 0.000145
 Predicted MDL: 0.002990
 Predicted MQL: 0.009967

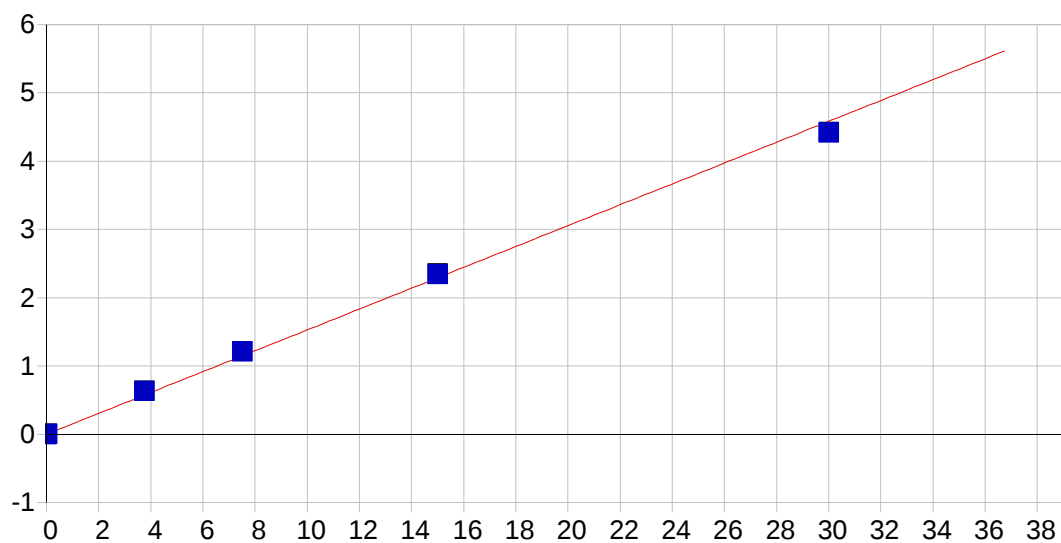
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00016	.000	1
S1	.02500	.02779	.003	11.2	.00342	.000	1
S2	3.7500	3.9891	.239	6.38	.46909	.002	1
S3	7.5000	7.7391	.239	3.19	.90990	.002	1
S4	15.000	15.189	.189	1.26	1.7856	.003	1
S5	30.000	29.330	-.670	-2.23	3.4478	.005	1



Date of Fit: 6/11/2018 14:51:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000194 Re-Slope: 1.000000
 A1 (Gain): 0.010623 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999686 Status: OK.
 Std Error of Est: 0.000117
 Predicted MDL: 0.015012
 Predicted MQL: 0.050041

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00019	.000	1
S1	.10000	.10600	.006	6.00	.00134	.000	1
S2	37.500	41.017	3.52	9.38	.43804	.005	1
S3	75.000	79.384	4.38	5.85	.84775	.005	1
S4	150.00	152.58	2.58	1.72	1.6295	.007	1
S5	300.00	291.72	-8.28	-2.76	3.1162	.010	1
S6	800.00	797.79	-2.21	-.276	8.5137	.063	1

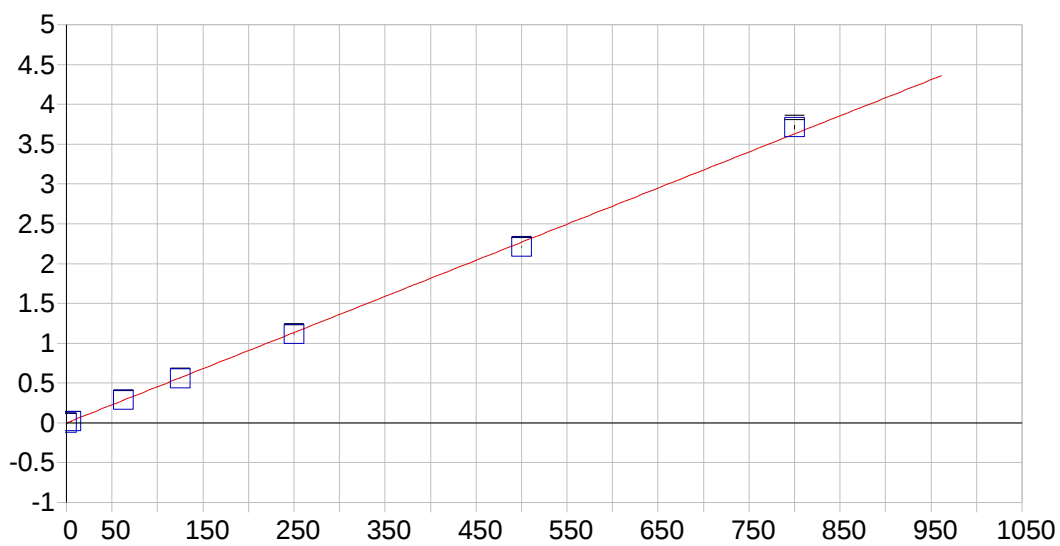


Mn 257.610 {131}

Date of Fit: 6/11/2018 14:51:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000007 Re-Slope: 1.000000
 A1 (Gain): 0.152799 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999052 Status: OK.
 Std Error of Est: 0.000237
 Predicted MDL: 0.000944
 Predicted MQL: 0.003147

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.01500	.01620	.001	7.97	.00247	.000	1
S2	3.7500	4.1250	.375	10.00	.63041	.002	1
S3	7.5000	7.9042	.404	5.39	1.2080	.005	1
S4	15.000	15.323	.323	2.15	2.3419	.010	1
S5	30.000	28.896	-1.10	-3.68	4.4164	.006	1

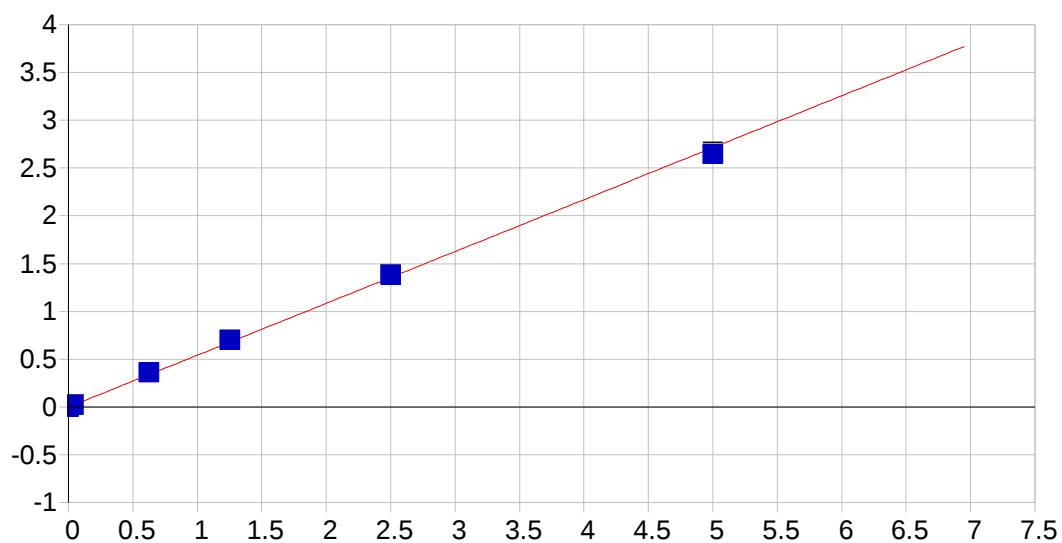


Mg 279.079 {121}

Date of Fit: 6/11/2018 14:51:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000162 Re-Slope: 1.000000
 A1 (Gain): 0.004536 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999759 Status: OK.
 Std Error of Est: 0.000348
 Predicted MDL: 0.042632
 Predicted MQL: 0.142108

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00029	.000	.000	-.00016	.000	1
S1	5.0000	4.8394	-.161	-3.21	.02179	.000	1
S2	62.500	62.871	.371	.594	.28499	.002	1
S3	125.00	123.52	-1.48	-1.19	.56005	.003	1
S4	250.00	245.96	-4.04	-1.62	1.1154	.006	1
S5	500.00	487.07	-12.9	-2.59	2.2090	.005	1
S6	800.00	818.24	18.2	2.28	3.7110	.028	1

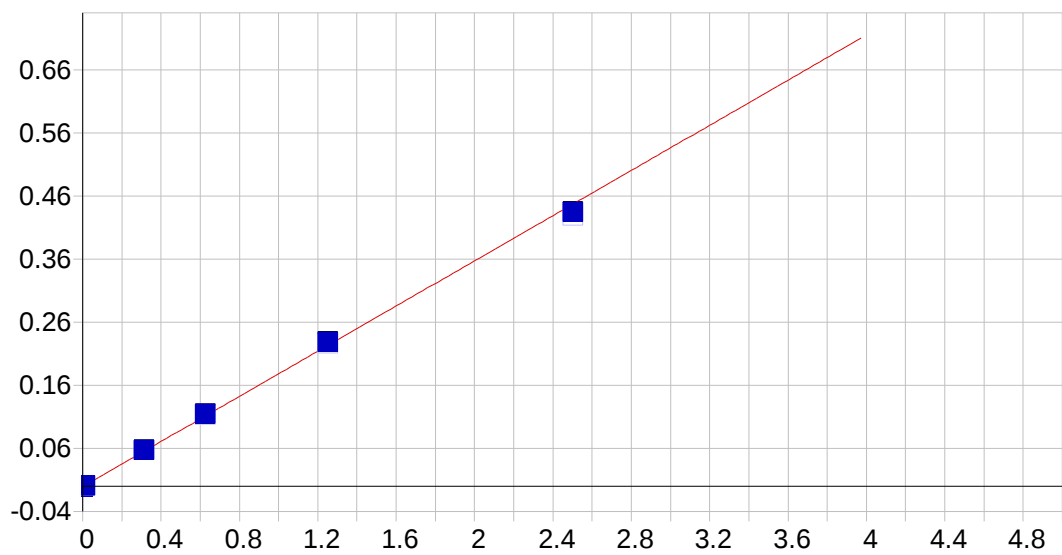


Ni 231.604 {446}

Date of Fit: 6/11/2018 14:51:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001321 Re-Slope: 1.000000
 A1 (Gain): 0.542774 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999618 Status: OK.
 Std Error of Est: 0.000357
 Predicted MDL: 0.000385
 Predicted MQL: 0.001285

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00132	.000	1
S1	.04000	.04088	.001	2.19	.02088	.000	1
S2	.62500	.66203	.037	5.93	.35871	.001	1
S3	1.2500	1.2873	.037	2.99	.69880	.003	1
S4	2.5000	2.5474	.047	1.90	1.3841	.003	1
S5	5.0000	4.8774	-.123	-2.45	2.6516	.015	1

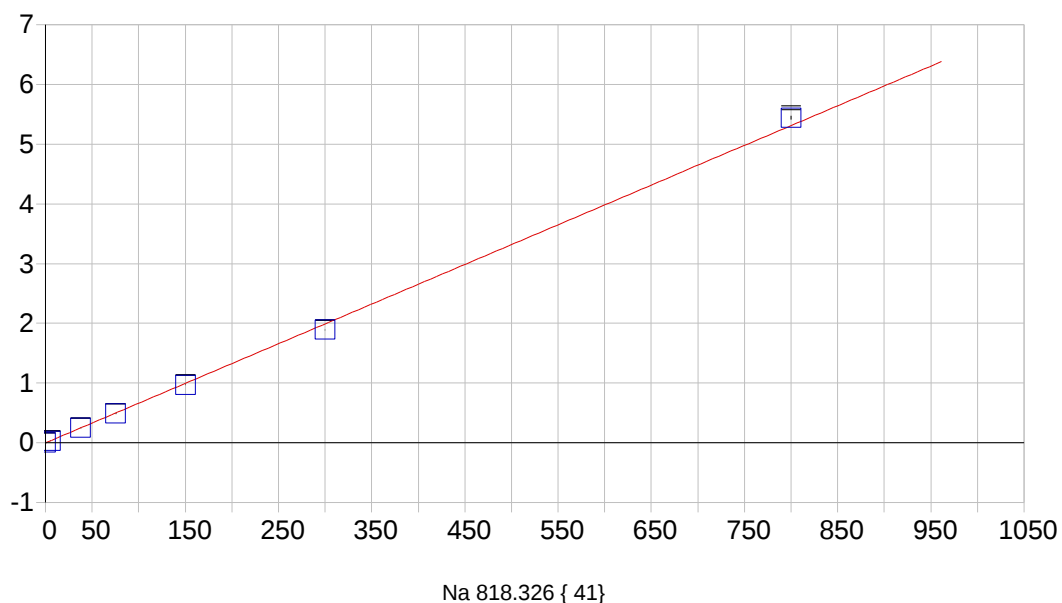


Ag 328.068 {103}

Date of Fit: 6/11/2018 14:51:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000733 Re-Slope: 1.000000
 A1 (Gain): 0.178919 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999564 Status: OK.
 Std Error of Est: 0.000044
 Predicted MDL: 0.000461
 Predicted MQL: 0.001536

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00073	.000	1
S1	.01000	.01006	.000	.554	.00105	.000	1
S2	.31250	.32634	.014	4.43	.05694	.000	1
S3	.62500	.64493	.020	3.19	.11322	.000	1
S4	1.2500	1.2839	.034	2.71	.22610	.000	1
S5	2.5000	2.4323	-.068	-2.71	.42872	.001	1



Date of Fit: 6/11/2018 14:51:00

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000625

Re-Slope: 1.000000

A1 (Gain): 0.006638

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999501

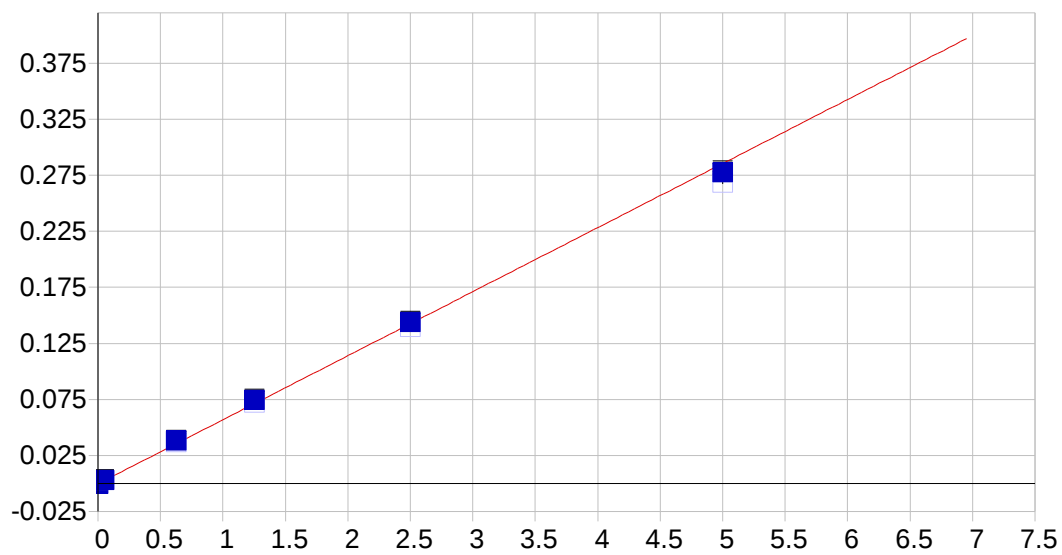
Status: OK.

Std Error of Est: 0.000648

Predicted MDL: 0.217243

Predicted MQL: 0.724145

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00035	.000	.000	-.00062	.001	1
S1	5.0000	4.9683	-.032	-.634	.03235	.001	1
S2	37.500	37.604	.104	.277	.24899	.000	1
S3	75.000	73.814	-1.19	-1.58	.48936	.001	1
S4	150.00	146.16	-3.84	-2.56	.96963	.002	1
S5	300.00	285.00	-15.0	-5.00	1.8913	.005	1
S6	800.00	819.95	19.9	2.49	5.4423	.032	1

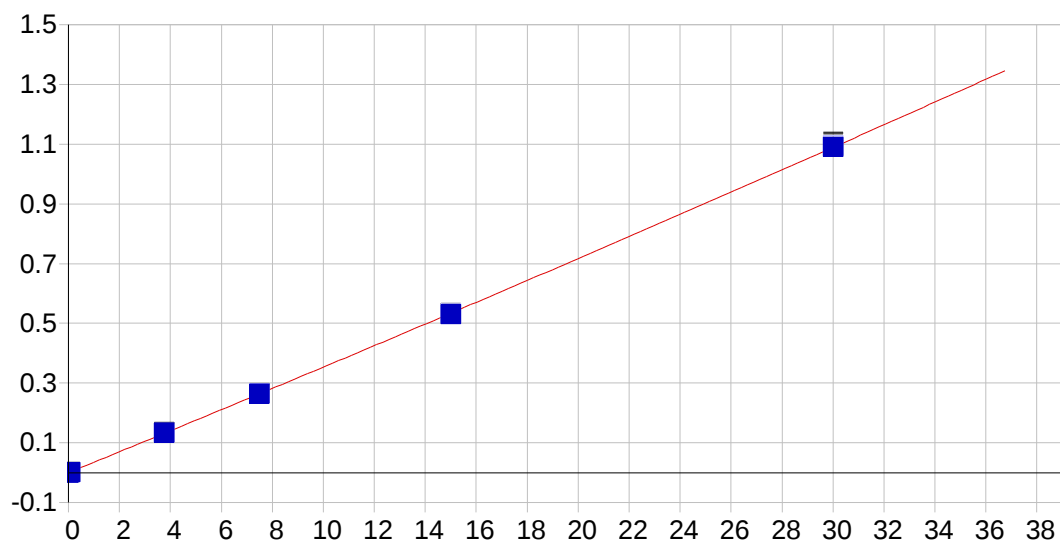


V 292.402 {115}

Date of Fit: 6/11/2018 14:51:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000296 Re-Slope: 1.000000
 A1 (Gain): 0.057155 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999384 Status: OK.
 Std Error of Est: 0.000052
 Predicted MDL: 0.004184
 Predicted MQL: 0.013946

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00030	.000	1
S1	.05000	.05735	.007	14.7	.00298	.000	1
S2	.62500	.67061	.046	7.30	.03685	.001	1
S3	1.2500	1.3065	.056	4.52	.07202	.001	1
S4	2.5000	2.5255	.026	1.02	.13934	.001	1
S5	5.0000	4.8648	-.135	-2.70	.26833	.001	1

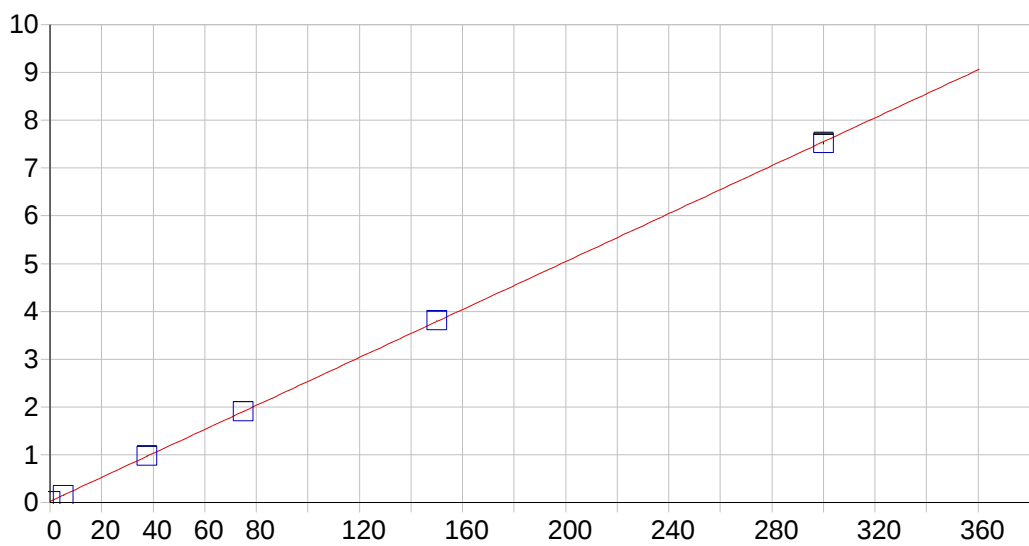


Zn 213.856 {158}

Date of Fit: 6/11/2018 14:51:00 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000297 Re-Slope: 1.000000
 A1 (Gain): 0.034896 Y-int: 0.000000
 A2 (Curvature): 0.000047
 n (Exponent): 1.000000
 Correlation: 0.999984 Status: Warning Positive Curvature
 Std Error of Est: 0.000017
 Predicted MDL: 0.008959
 Predicted MQL: 0.029865

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00030	.000	1
S1	.06000	.05540	-.005	-7.66	.00164	.000	1
S2	3.7500	3.8110	.061	1.63	.13399	.001	1
S3	7.5000	7.4903	-.010	-.129	.26496	.001	1
S4	15.000	14.919	-.081	-.538	.53330	.001	1
S5	30.000	30.034	.034	.113	1.0953	.011	1

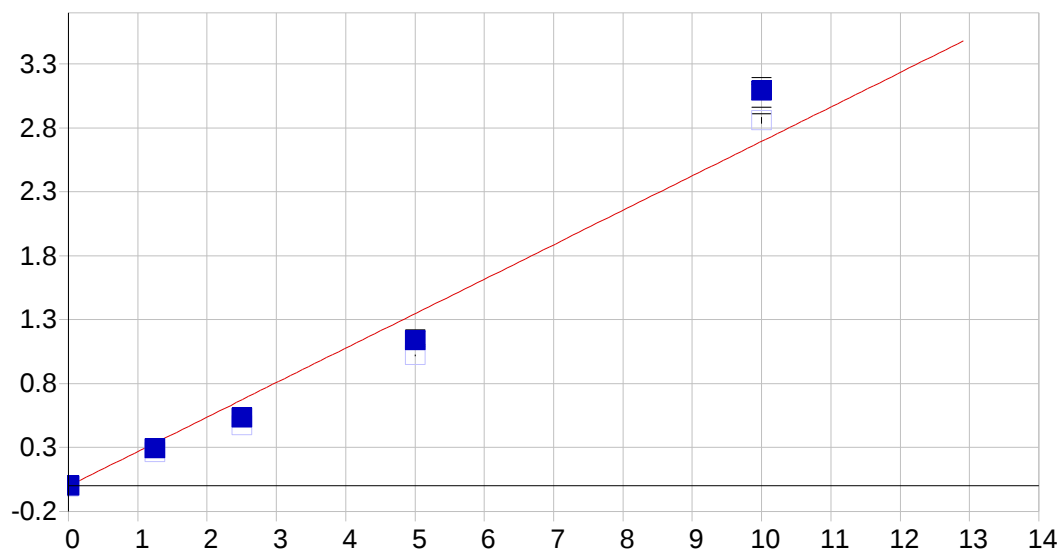


K 769.896 { 44}

Date of Fit: 6/11/2018 14:51:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.023938 Re-Slope: 1.000000
 A1 (Gain): 0.025089 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982 Status: OK.
 Std Error of Est: 0.000310
 Predicted MDL: 0.051340
 Predicted MQL: 0.171133

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00008	.000	.000	.02394	.001	1
S1	5.0000	4.8435	-.157	-3.13	.14546	.000	1
S2	37.500	37.998	.498	1.33	.97729	.003	1
S3	75.000	75.125	.125	.166	1.9088	.002	1
S4	150.00	150.75	.747	.498	3.8061	.004	1
S5	300.00	298.79	-1.21	-.404	7.5203	.025	1

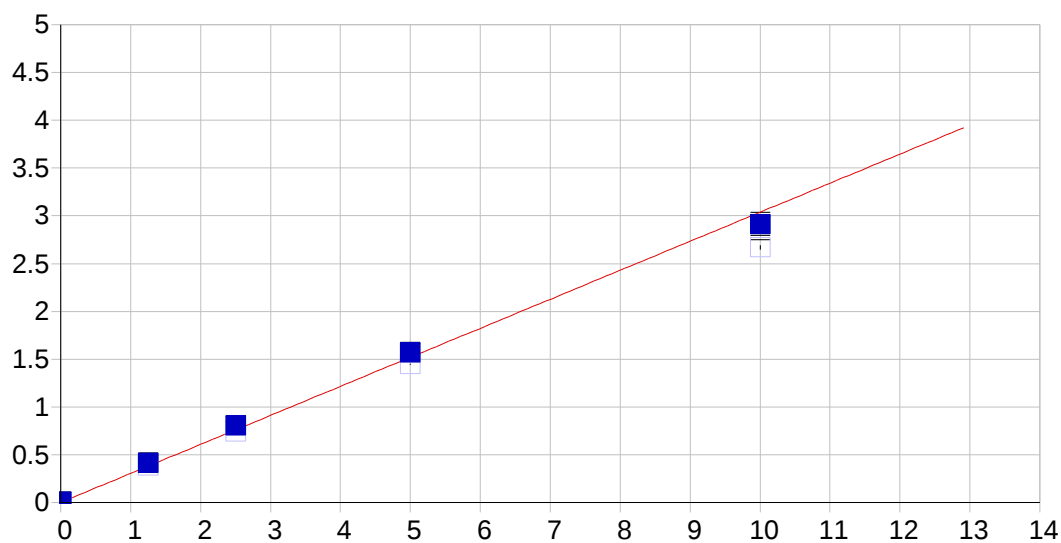


P 177.495 {490}

Date of Fit: 6/11/2018 14:51:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000937 Re-Slope: 1.000000
 A1 (Gain): 0.269538 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.985295 Status: OK.
 Std Error of Est: 0.000716
 Predicted MDL: 0.000322
 Predicted MQL: 0.001072

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00093	.000	1
S1	.01000	.00210	-.008	-79.0	-.00055	.000	1
S2	1.2500	1.0863	-.164	-13.1	.26281	.002	1
S3	2.5000	1.9831	-.517	-20.7	.47545	.002	1
S4	5.0000	4.2215	-.778	-15.6	1.0207	.006	1
S5	10.000	11.467	1.47	14.7	2.8574	.025	1

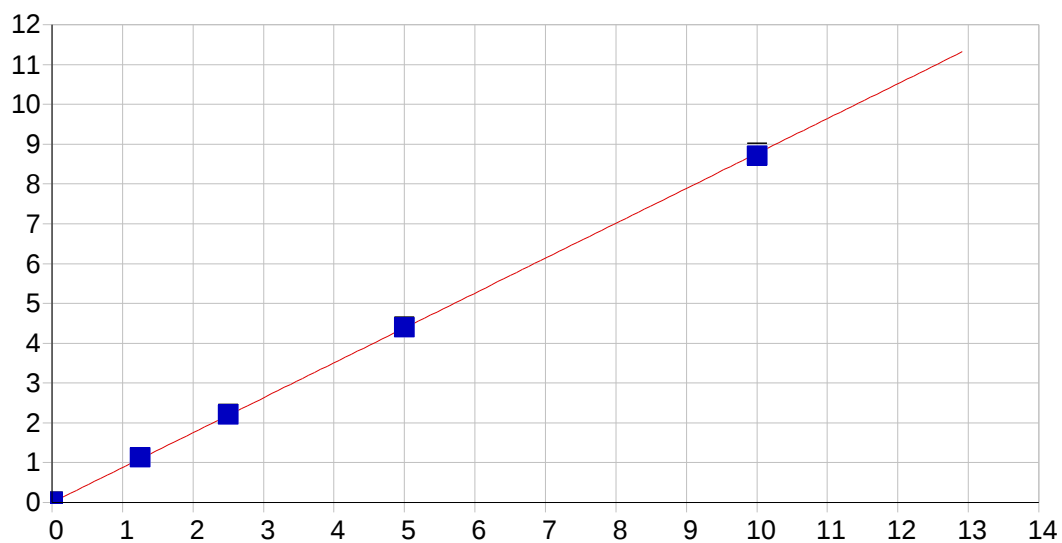


B 249.678 {135}

Date of Fit: 6/11/2018 14:51:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000456 Re-Slope: 1.000000
 A1 (Gain): 0.303720 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998708 Status: OK.
 Std Error of Est: 0.000239
 Predicted MDL: 0.001113
 Predicted MQL: 0.003709

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00046	.000	1
S1	.01000	.00896	-.001	-10.4	.00312	.000	1
S2	1.2500	1.3658	.116	9.26	.38521	.000	1
S3	2.5000	2.6410	.141	5.64	.74244	.002	1
S4	5.0000	5.1600	.160	3.20	1.4474	.005	1
S5	10.000	9.5843	-.416	-4.16	2.6708	.023	1

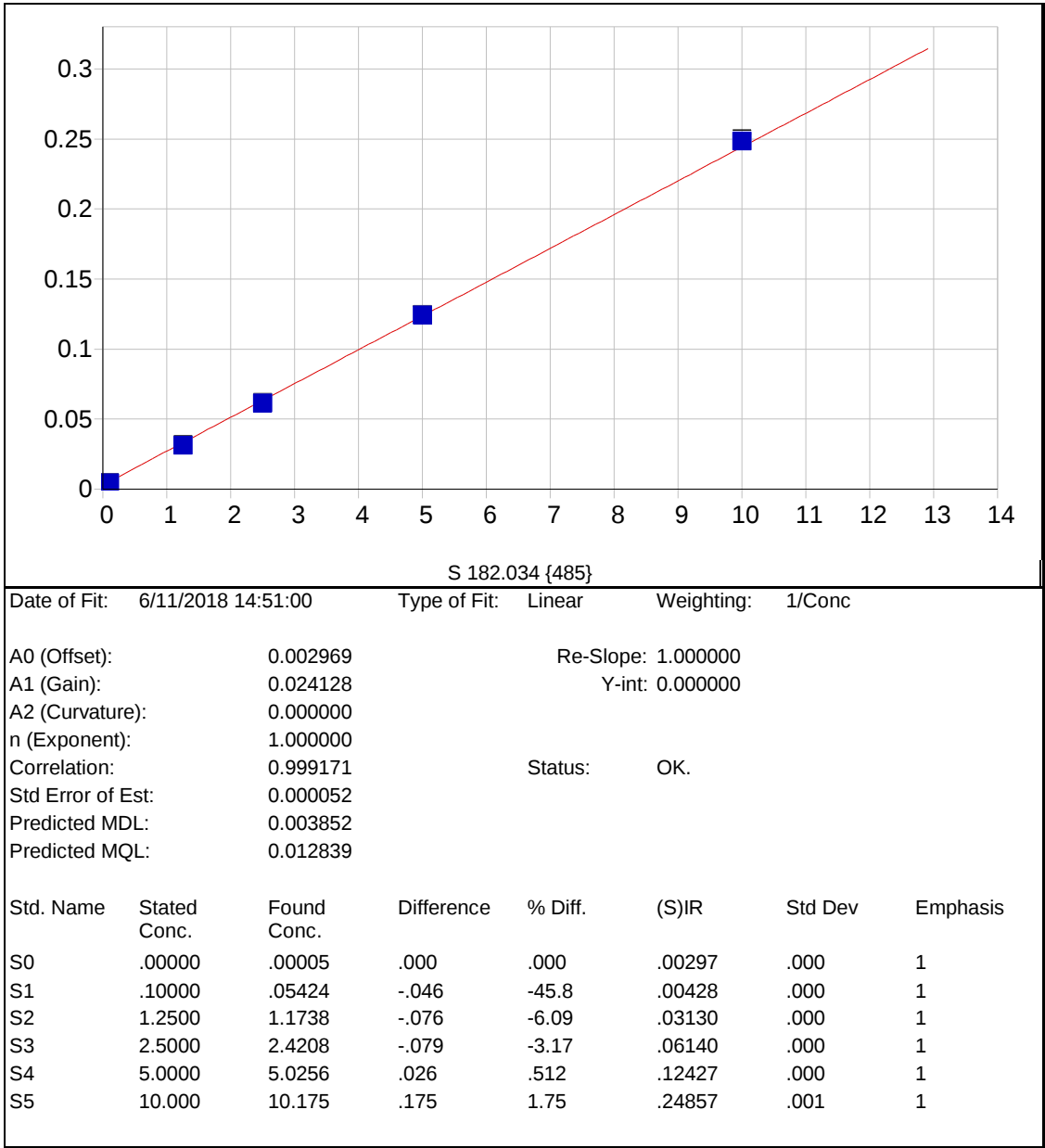


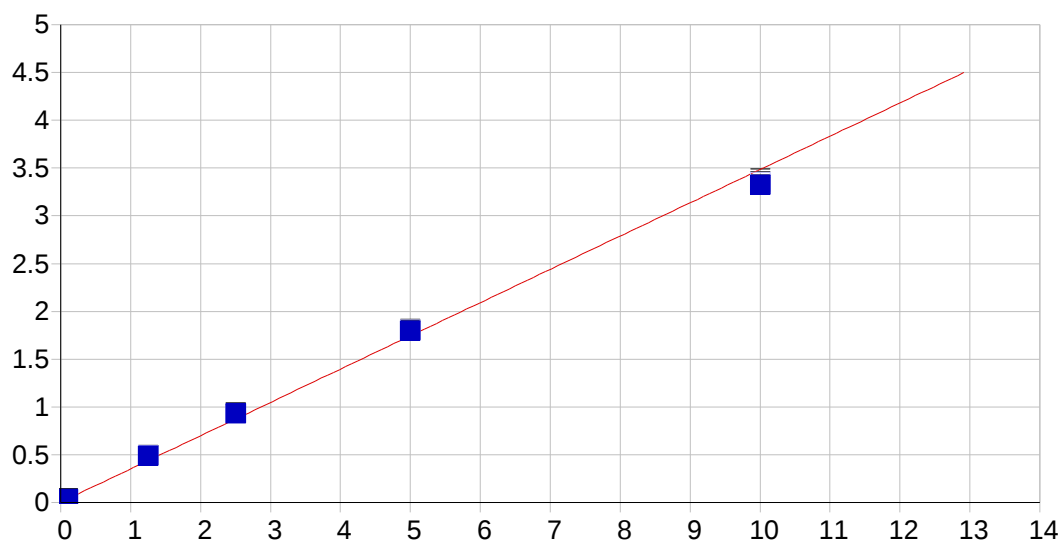
Mo 202.030 {467}

Date of Fit: 6/11/2018 14:51:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000412 Re-Slope: 1.000000
 A1 (Gain): 0.876468 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999951 Status: OK.
 Std Error of Est: 0.000145
 Predicted MDL: 0.000256
 Predicted MQL: 0.000854

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00041	.000	1
S1	.01000	.00978	.000	-2.21	.00898	.000	1
S2	1.2500	1.2873	.037	2.98	1.1286	.003	1
S3	2.5000	2.5209	.021	.835	2.2098	.008	1
S4	5.0000	5.0133	.013	.267	4.3943	.020	1
S5	10.000	9.9288	-.071	-.712	8.7023	.070	1



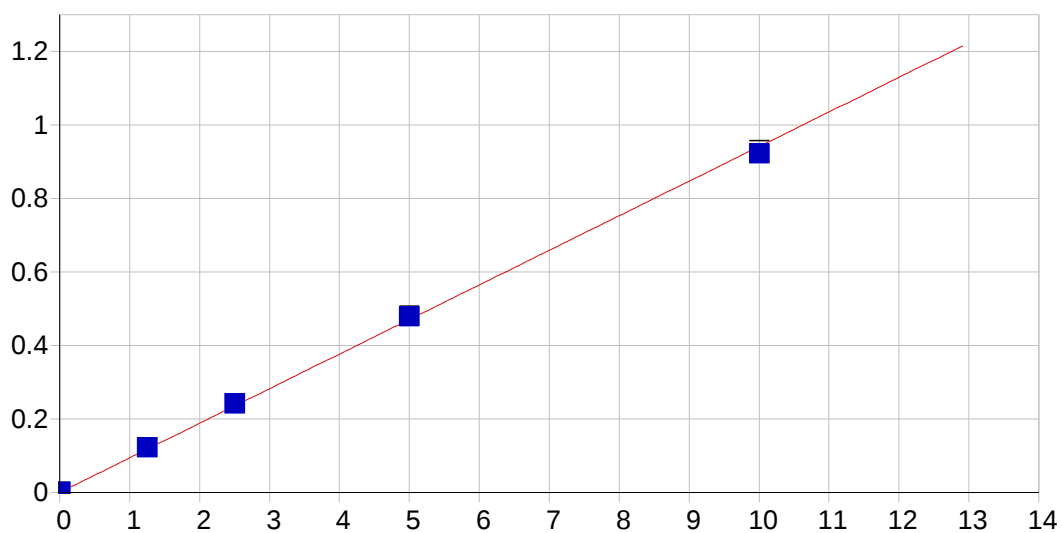


Si 251.611 {134}

Date of Fit: 6/11/2018 14:51:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002962 Re-Slope: 1.000000
 A1 (Gain): 0.348153 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998610 Status: OK.
 Std Error of Est: 0.000984
 Predicted MDL: 0.001129
 Predicted MQL: 0.003764

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00296	.000	1
S1	.10000	.09763	-.002	-2.37	.03707	.001	1
S2	1.2500	1.4007	.151	12.1	.49419	.002	1
S3	2.5000	2.6601	.160	6.41	.93623	.004	1
S4	5.0000	5.1456	.146	2.91	1.8087	.005	1
S5	10.000	9.5459	-.454	-4.54	3.3549	.033	1

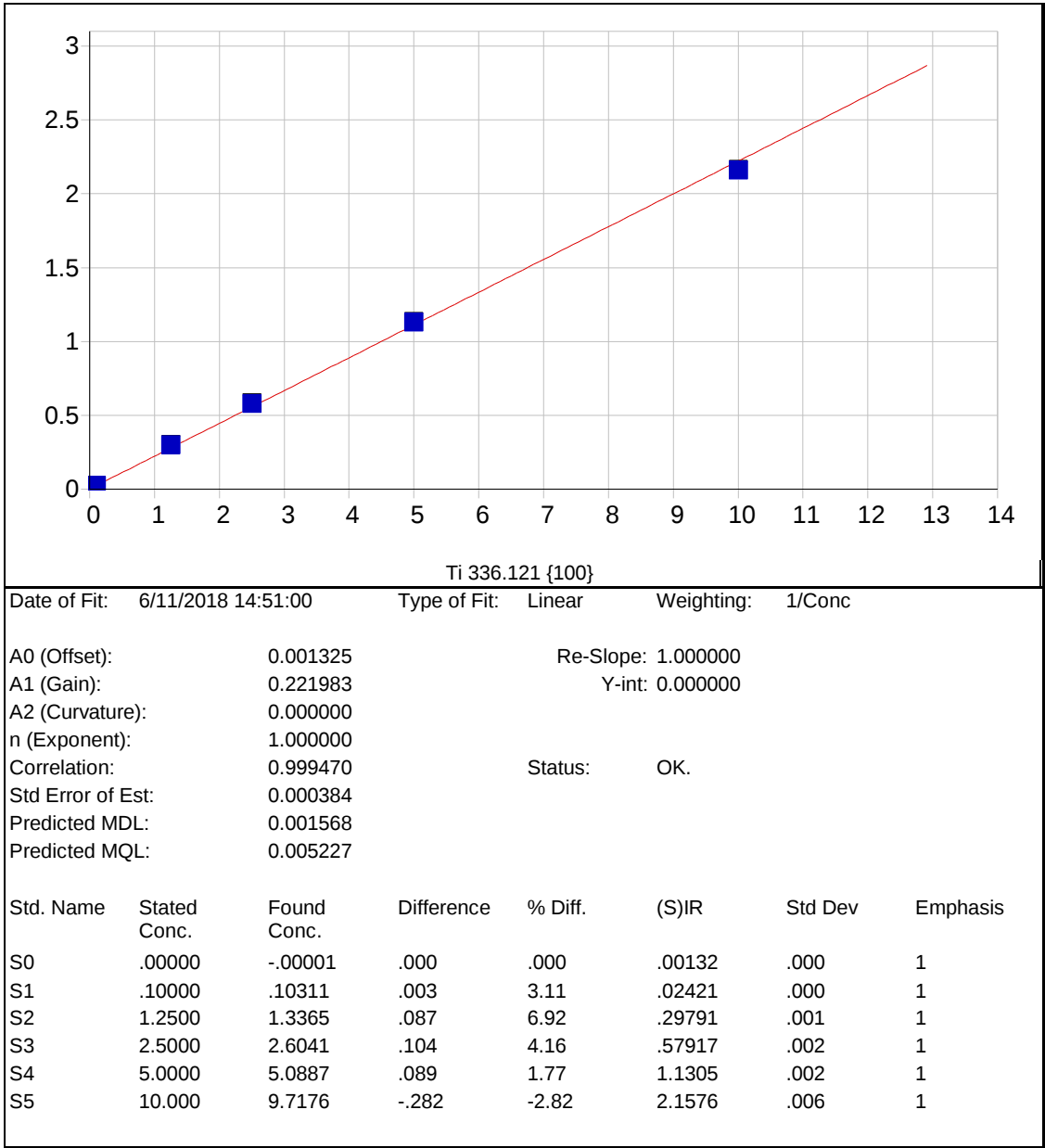


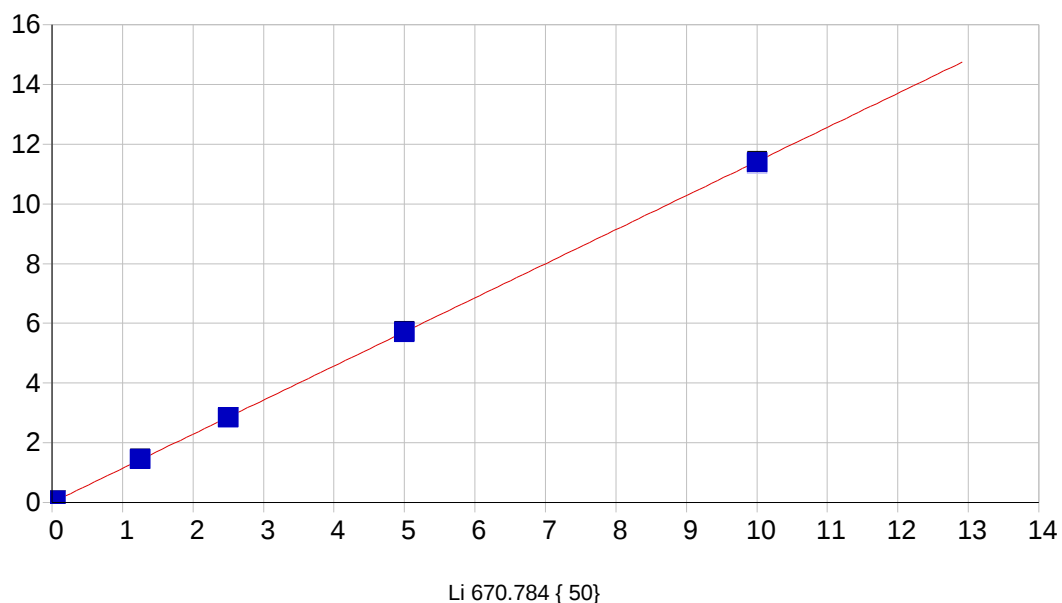
Sn 189.989 {478}

Date of Fit: 6/11/2018 14:51:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000155 Re-Slope: 1.000000
 A1 (Gain): 0.094107 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999773 Status: OK.
 Std Error of Est: 0.000028
 Predicted MDL: 0.000975
 Predicted MQL: 0.003249

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00016	.000	1
S1	.00700	.00663	.000	-5.30	.00075	.000	1
S2	1.2500	1.2965	.047	3.72	.12191	.000	1
S3	2.5000	2.5600	.060	2.40	.24055	.001	1
S4	5.0000	5.0876	.088	1.75	.47789	.001	1
S5	10.000	9.8063	-.194	-1.94	.92092	.008	1





Date of Fit: 6/11/2018 14:51:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003264 Re-Slope: 1.000000
 A1 (Gain): 1.141627 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986 Status: OK.
 Std Error of Est: 0.000224
 Predicted MDL: 0.001289
 Predicted MQL: 0.004295

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00327	.001	1
S5	10.000	9.9781	-.022	-.219	11.330	.026	1
S4	5.0000	5.0081	.008	.163	5.6886	.013	1
S3	2.5000	2.4958	-.004	-.166	2.8365	.004	1
S2	1.2500	1.2703	.020	1.62	1.4454	.006	1
S1	.05000	.04759	-.002	-4.82	.05748	.001	1



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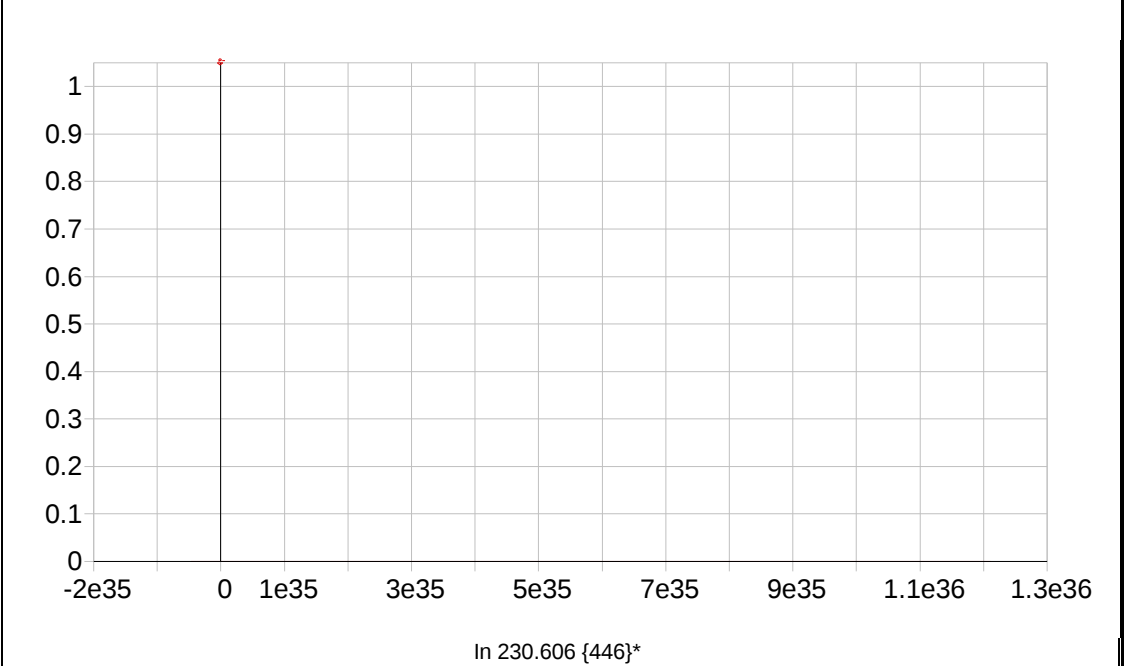




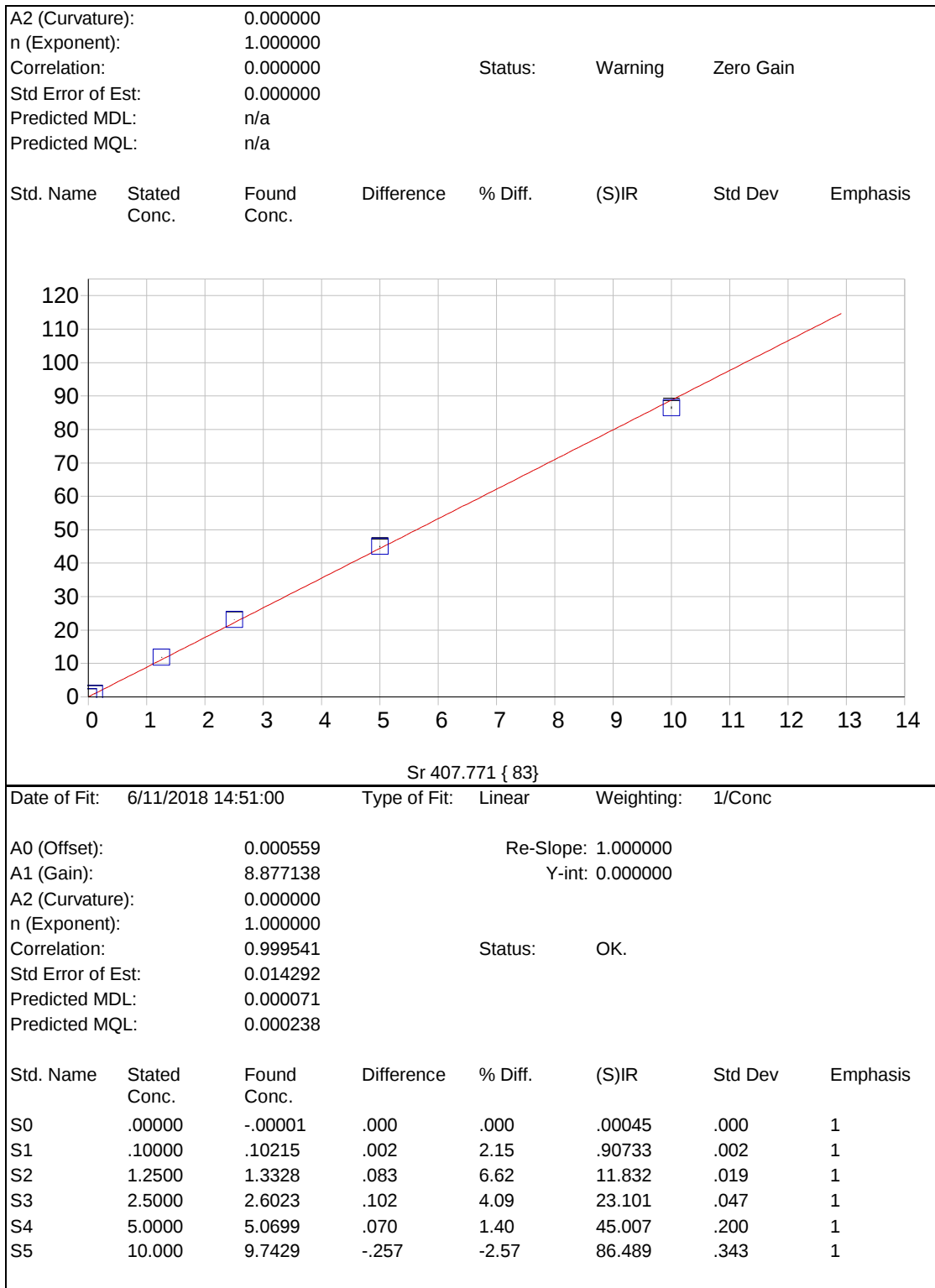


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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: 6/11/2018 14:17:18 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) 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	-.00021	-.00026	-.00009	.00046	.00055	.00082	-.01839	-.00160
Stddev	.00003	.00011	.00008	.00013	.00007	.00055	.00018	.00020
%RSD	13.929	43.244	89.747	28.879	12.156	67.102	.98070	12.627

#1	-.00018	-.00014	-.00001	.00048	.00061	.00049	-.01855	-.00183
#2	-.00024	-.00028	-.00008	.00057	.00056	.00145	-.01842	-.00150
#3	-.00022	-.00036	-.00017	.00031	.00048	.00051	-.01820	-.00147

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	.00062	.00166	-.00001	-.00028	.00016	.00019	-.00001	-.00016
Stddev	.00013	.00040	.00002	.00009	.00016	.00006	.00009	.00004
%RSD	20.648	24.253	162.26	32.666	100.75	29.087	1123.6	25.646

#1	.00050	.00189	.00001	-.00018	.00006	.00013	-.00007	-.00012
#2	.00060	.00189	-.00002	-.00031	.00035	.00023	-.00005	-.00017
#3	.00075	.00120	-.00003	-.00035	.00007	.00022	.00009	-.00020

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	-.00132	-.00073	-.00062	-.00030	-.00030	.02394	-.00093	.00046
Stddev	.00013	.00006	.00110	.00012	.00009	.00068	.00003	.00013
%RSD	9.6522	7.5743	176.40	39.326	29.548	2.8215	3.2020	27.451

#1	-.00144	-.00080	.00047	-.00019	-.00025	.02458	-.00091	.00059
#2	-.00119	-.00072	-.00173	-.00027	-.00040	.02401	-.00092	.00044
#3	-.00134	-.00069	-.00061	-.00042	-.00025	.02323	-.00097	.00034

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	.00041	.00297	.00296	.00016	.00132	.00327	.00045	
Stddev	.00023	.00021	.00011	.00009	.00038	.00071	.00014	
%RSD	54.913	7.0640	3.7217	55.005	29.027	21.595	29.787	

#1	.00055	.00318	.00290	.00006	.00166	.00401	.00060	
#2	.00015	.00297	.00289	.00021	.00141	.00261	.00043	
#3	.00054	.00276	.00308	.00020	.00090	.00317	.00033	

Sample Name: S0 Acquired: 6/11/2018 14:17:18 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) 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	2254.7	2379.4	60046.	7194.2	4000.7
Stddev	17.9	4.8	94.	50.0	7.3
%RSD	.79561	.20227	.15670	.69440	.18123
#1	2235.1	2376.6	59984.	7238.5	3995.8
#2	2258.7	2384.9	60000.	7204.0	4009.1
#3	2270.3	2376.6	60155.	7140.0	3997.3

Sample Name: S1 Acquired: 6/11/2018 14:21:26 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) 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	.00019	.00108	.00113	.00253	.01092	.01537	.66069	.02337
Stddev	.00006	.00005	.00029	.00010	.00014	.00024	.00075	.00047
%RSD	31.056	4.7352	25.473	4.1098	1.3135	1.5738	.11373	2.0195

#1	.00026	.00108	.00083	.00265	.01076	.01563	.66056	.02356
#2	.00014	.00113	.00114	.00248	.01095	.01515	.66150	.02283
#3	.00019	.00103	.00141	.00246	.01104	.01533	.66001	.02372

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	.01206	.16527	.00140	.02784	.00342	.00134	.00247	.02179
Stddev	.00027	.00052	.00002	.00040	.00030	.00005	.00017	.00040
%RSD	2.2322	.31247	1.2772	1.4270	8.6197	3.3564	6.7264	1.8465

#1	.01215	.16584	.00141	.02799	.00376	.00129	.00232	.02137
#2	.01176	.16483	.00138	.02739	.00322	.00137	.00265	.02181
#3	.01228	.16515	.00142	.02814	.00329	.00136	.00243	.02218

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	.02088	.00105	.03235	.00298	.00164	.14546	-.00055	.00312
Stddev	.00013	.00002	.00129	.00029	.00006	.00019	.00006	.00013
%RSD	.60641	1.4557	3.9808	9.8332	3.9058	.13097	10.422	4.2100

#1	.02084	.00107	.03279	.00293	.00170	.14527	-.00050	.00323
#2	.02077	.00105	.03337	.00271	.00158	.14565	-.00052	.00297
#3	.02102	.00104	.03090	.00329	.00165	.14545	-.00061	.00314

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	.00898	.00428	.03707	.00075	.02421	.05748	.90733	
Stddev	.00012	.00010	.00056	.00011	.00039	.00087	.00180	
%RSD	1.3550	2.2588	1.5141	14.298	1.6065	1.5129	.19863	

#1	.00907	.00420	.03770	.00063	.02393	.05768	.90928	
#2	.00884	.00439	.03691	.00080	.02404	.05823	.90573	
#3	.00902	.00424	.03661	.00083	.02465	.05653	.90697	

Sample Name: S1 Acquired: 6/11/2018 14:21:26 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) 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	2242.2	2363.0	59730.	7230.7	3959.4
Stddev	4.6	6.0	298.	34.2	9.5
%RSD	.20564	.25496	.49830	.47277	.24024
#1	2245.9	2365.4	60015.	7193.7	3958.8
#2	2237.1	2367.5	59421.	7261.1	3969.2
#3	2243.7	2356.1	59754.	7237.4	3950.2

Sample Name: S2 Acquired: 6/11/2018 14:25:33 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) 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	.04106	.07369	.92522	.08188	.22691	2.8387	8.7832	.63889
Stddev	.00030	.00076	.00282	.00018	.00108	.0124	.0273	.00143
%RSD	.72265	1.0260	.30444	.22213	.47405	.43754	.31040	.22409

#1	.04088	.07364	.92469	.08181	.22592	2.8277	8.7801	.63736
#2	.04090	.07447	.92271	.08209	.22675	2.8362	8.7576	.63911
#3	.04140	.07296	.92827	.08175	.22806	2.8521	8.8118	.64019

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.5076	2.0848	.54009	.37330	.46909	.43804	.63041	.28499
Stddev	.0054	.0033	.00066	.00128	.00181	.00462	.00233	.00242
%RSD	.35575	.15827	.12263	.34158	.38594	1.0543	.36918	.84975

#1	1.5098	2.0860	.54084	.37333	.46825	.43283	.63064	.28281
#2	1.5014	2.0811	.53959	.37201	.46786	.43969	.63262	.28458
#3	1.5114	2.0874	.53984	.37456	.47117	.44161	.62798	.28760

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	.35871	.05694	.24899	.03685	.13399	.97729	.26281	.38521
Stddev	.00064	.00030	.00028	.00058	.00141	.00291	.00229	.00049
%RSD	.17808	.53363	.11395	1.5678	1.0523	.29749	.87129	.12733

#1	.35910	.05659	.24931	.03677	.13287	.97469	.26350	.38514
#2	.35797	.05715	.24888	.03632	.13352	.97675	.26468	.38476
#3	.35906	.05708	.24878	.03747	.13558	.98043	.26025	.38573

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	1.1286	.03130	.49419	.12191	.29791	1.4454	11.832	
Stddev	.0026	.00011	.00154	.00044	.00078	.0061	.019	
%RSD	.22679	.36092	.31096	.36085	.26240	.42018	.16306	

#1	1.1305	.03117	.49597	.12240	.29742	1.4429	11.816	
#2	1.1257	.03138	.49330	.12177	.29751	1.4411	11.825	
#3	1.1296	.03135	.49331	.12155	.29881	1.4524	11.853	

Sample Name: S2 Acquired: 6/11/2018 14:25:33 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) 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	2157.5	2233.5	58218.	7256.0	3572.0
Stddev	2.8	3.7	176.	12.0	8.6
%RSD	.13181	.16659	.30307	.16554	.23967
#1	2154.9	2235.9	58014.	7263.3	3568.0
#2	2160.5	2235.5	58312.	7242.1	3581.8
#3	2157.0	2229.3	58327.	7262.6	3566.2

Sample Name: S3 Acquired: 6/11/2018 14:29:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) 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	.08113	.14268	1.8091	.16040	.44856	5.5699	17.232	1.2222
Stddev	.00019	.00034	.0043	.00105	.00167	.0228	.028	.0048
%RSD	.22903	.23630	.23789	.65441	.37201	.40908	.16191	.39611

#1	.08133	.14229	1.8046	.15937	.44732	5.5436	17.208	1.2265
#2	.08110	.14290	1.8094	.16146	.44791	5.5826	17.263	1.2233
#3	.08096	.14284	1.8132	.16038	.45046	5.5835	17.226	1.2169

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	2.9553	4.0124	1.0338	.73577	.90990	.84775	1.2080	.56005
Stddev	.0063	.0038	.0015	.00206	.00242	.00506	.0053	.00250
%RSD	.21281	.09520	.14297	.28051	.26612	.59690	.43592	.44719

#1	2.9483	4.0092	1.0354	.73380	.90807	.84194	1.2023	.55724
#2	2.9573	4.0166	1.0326	.73559	.91264	.85008	1.2127	.56085
#3	2.9604	4.0114	1.0332	.73792	.90898	.85123	1.2091	.56206

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	.69880	.11322	.48936	.07202	.26496	1.9088	.47545	.74244
Stddev	.00311	.00045	.00125	.00080	.00116	.0022	.00176	.00193
%RSD	.44516	.40013	.25530	1.1069	.43900	.11553	.37059	.25937

#1	.69545	.11272	.48864	.07116	.26458	1.9093	.47386	.74464
#2	.69935	.11359	.48864	.07274	.26404	1.9106	.47516	.74168
#3	.70159	.11336	.49080	.07215	.26627	1.9063	.47734	.74102

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	2.2098	.06140	.93623	.24055	.57917	2.8365	23.101
Stddev	.0077	.00038	.00421	.00095	.00228	.0039	.047
%RSD	.34996	.62286	.44973	.39308	.39295	.13679	.20337

#1	2.2051	.06098	.93962	.23947	.57657	2.8360	23.080
#2	2.2055	.06149	.93152	.24092	.58077	2.8407	23.155
#3	2.2187	.06173	.93756	.24124	.58018	2.8330	23.068

Sample Name: S3 Acquired: 6/11/2018 14:29:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) 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	2105.8	2166.4	57286.	7262.4	3402.7
Stddev	9.6	5.2	177.	4.6	3.8
%RSD	.45565	.24025	.30822	.06267	.11312
#1	2102.0	2167.2	57212.	7259.7	3403.2
#2	2116.7	2171.1	57488.	7267.6	3406.4
#3	2098.6	2160.8	57158.	7259.7	3398.7

Sample Name: S4 Acquired: 6/11/2018 14:33:15 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) 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	.16469	.27488	3.6082	.31983	.90590	11.157	34.063	2.4030
Stddev	.00111	.00231	.0039	.00081	.00450	.011	.061	.0063
%RSD	.67183	.83857	.10896	.25357	.49727	.09500	.17792	.26206

#1	.16404	.27592	3.6127	.32019	.90486	11.159	34.132	2.3970
#2	.16405	.27223	3.6055	.31890	.90201	11.145	34.038	2.4096
#3	.16596	.27647	3.6063	.32040	.91084	11.166	34.018	2.4026

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	5.8504	7.9102	2.0080	1.4634	1.7856	1.6295	2.3419	1.1154
Stddev	.0125	.0230	.0058	.0022	.0026	.0075	.0099	.0064
%RSD	.21322	.29015	.28704	.14991	.14532	.45950	.42358	.57130

#1	5.8627	7.9338	2.0118	1.4657	1.7885	1.6247	2.3530	1.1121
#2	5.8378	7.9087	2.0108	1.4631	1.7837	1.6257	2.3387	1.1114
#3	5.8506	7.8880	2.0013	1.4613	1.7844	1.6382	2.3340	1.1227

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	1.3841	.22610	.96963	.13934	.53330	3.8061	1.0207	1.4474
Stddev	.0027	.00019	.00216	.00106	.00096	.0042	.0064	.0053
%RSD	.19789	.08558	.22282	.76361	.18046	.11144	.62872	.36436

#1	1.3864	.22630	.96773	.13867	.53319	3.8014	1.0237	1.4425
#2	1.3811	.22610	.96917	.13878	.53240	3.8071	1.0133	1.4530
#3	1.3849	.22591	.97198	.14056	.53431	3.8097	1.0251	1.4467

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	4.3943	.12427	1.8087	.47789	1.1305	5.6886	45.007
Stddev	.0198	.00037	.0052	.00110	.0022	.0126	.200
%RSD	.45146	.29739	.28934	.23019	.19204	.22146	.44343

#1	4.3996	.12419	1.8027	.47906	1.1292	5.7007	44.806
#2	4.3723	.12394	1.8109	.47687	1.1293	5.6896	45.011
#3	4.4109	.12467	1.8125	.47775	1.1330	5.6756	45.205

Sample Name: S4 Acquired: 6/11/2018 14:33:15 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) 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	1985.6	2040.2	55133.	7106.2	3168.4
Stddev	8.8	6.1	97.	3.2	3.3
%RSD	.44127	.30060	.17576	.04478	.10555
#1	1985.4	2040.2	55161.	7106.6	3164.8
#2	1977.0	2046.4	55025.	7102.9	3171.3
#3	1994.6	2034.1	55213.	7109.2	3169.2

Sample Name: S5 Acquired: 6/11/2018 14:37:13 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) 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	.33571	.51925	7.0125	.64266	1.8597	22.147	65.204	4.6065
Stddev	.00269	.00491	.0451	.00598	.0146	.021	.415	.0441
%RSD	.80201	.94580	.64310	.93090	.78234	.09510	.63705	.95650

#1	.33312	.51433	6.9845	.63738	1.8460	22.126	65.605	4.6269
#2	.33551	.51928	6.9884	.64146	1.8582	22.168	64.775	4.5559
#3	.33849	.52415	7.0645	.64916	1.8749	22.148	65.232	4.6366

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	11.220	15.230	3.7503	2.8273	3.4478	3.1162	4.4164	2.2090
Stddev	.070	.013	.0050	.0160	.0053	.0095	.0061	.0048
%RSD	.62004	.08839	.13392	.56713	.15473	.30589	.13753	.21614

#1	11.170	15.214	3.7468	2.8178	3.4423	3.1129	4.4115	2.2059
#2	11.191	15.238	3.7561	2.8183	3.4482	3.1270	4.4145	2.2145
#3	11.299	15.237	3.7481	2.8458	3.4530	3.1088	4.4232	2.2065

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.6516	.42872	1.8913	.26833	1.0953	7.5203	2.8574	2.6708
Stddev	.0153	.00121	.0050	.00113	.0113	.0254	.0253	.0226
%RSD	.57661	.28256	.26224	.42288	1.0307	.33761	.88405	.84521

#1	2.6406	.42823	1.8947	.26704	1.0954	7.5355	2.8347	2.6821
#2	2.6450	.42783	1.8856	.26918	1.1065	7.4910	2.8529	2.6448
#3	2.6690	.43010	1.8936	.26875	1.0840	7.5345	2.8846	2.6856

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	8.7023	.24857	3.3549	.92092	2.1576	11.330	86.489	
Stddev	.0700	.00146	.0327	.00838	.0059	.026	.343	
%RSD	.80391	.58639	.97491	.90976	.27439	.22841	.39681	

#1	8.6411	.24718	3.3722	.91489	2.1555	11.308	86.823	
#2	8.6872	.24844	3.3172	.91737	2.1643	11.359	86.137	
#3	8.7785	.25009	3.3754	.93048	2.1531	11.325	86.508	

Sample Name: S5 Acquired: 6/11/2018 14:37:13 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) 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	1863.3	1873.0	53787.	7029.0	2937.3
Stddev	8.3	12.8	330.	62.3	15.7
%RSD	.44414	.68122	.61279	.88646	.53350
#1	1853.9	1884.1	53700.	6982.2	2947.4
#2	1869.2	1875.8	53510.	7099.7	2945.2
#3	1867.0	1859.1	54152.	7005.0	2919.2

Sample Name: S6 Acquired: 6/11/2018 14:41:17 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S06 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	60.622	26.251	8.5137	3.7110	5.4423
Stddev	.404	.011	.0633	.0282	.0321
%RSD	.66670	.04019	.74386	.76070	.59039

#1	61.084	26.240	8.4838	3.6943	5.4232
#2	60.448	26.253	8.4708	3.6952	5.4243
#3	60.334	26.260	8.5864	3.7436	5.4794

Int. Std.	Y_3710
Units	Cts/S
Avg	6785.4
Stddev	4.5
%RSD	.06653

#1	6785.2
#2	6790.0
#3	6781.0

Sample Name: ICV Acquired: 6/11/2018 14:45:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) 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	.9068786	1.052393	.9293495	.9339812	.9057218	2.279439
Stddev	.0125285	.010848	.0045573	.0052169	.0076396	.020881
%RSD	1.381501	1.030834	.4903784	.5585642	.8434835	.9160398

#1	.9032132	1.041563	.9246855	.9298446	.9011511	2.282739
#2	.8965916	1.052354	.9295708	.9322571	.9014730	2.298473
#3	.9208310	1.063260	.9337921	.9398419	.9145413	2.257105

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4944298	.4842630	.4816247	9.920516	.5151051	.4784576
Stddev	.0028518	.0015480	.0029748	.064955	.0016216	.0024713
%RSD	.5767776	.3196596	.6176676	.6547507	.3148038	.5165185

#1	.4957838	.4832764	.4801880	9.927715	.5137242	.4772167
#2	.4963522	.4860472	.4796410	9.981571	.5147004	.4768527
#3	.4911532	.4834656	.4850452	9.852262	.5168907	.4813035

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5008553	5.205075	.5155582	5.469896	.4897245	.4701777
Stddev	.0034640	.033451	.0011536	.024097	.0022955	.0020156
%RSD	.6916197	.6426595	.2237616	.4405433	.4687221	.4286912

#1	.5040688	5.200842	.5150206	5.496969	.4893683	.4705851
#2	.5013112	5.240440	.5168825	5.461927	.4876279	.4719585
#3	.4971859	5.173941	.5147715	5.450793	.4921772	.4679895

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.542398	.5047523	.9386725	9.253706	F .0134738	F 2.589723
Stddev	.064946	.0012723	.0056895	.051132	.0001586	.010208
%RSD	.6805996	.2520622	.6061228	.5525558	1.177428	.3941902

#1	9.612850	.5032863	.9333970	9.222077	.0135292	2.583087
#2	9.529429	.5055671	.9379195	9.312697	.0135973	2.601478
#3	9.484916	.5054037	.9447010	9.226345	.0132949	2.584604

Sample Name: ICV Acquired: 6/11/2018 14:45:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.418125	-.057396	2.500611	F 2.375606	2.574477	.0055368
Stddev	.012563	.002975	.009788	.009970	.010835	.0007120
%RSD	.5195517	5.184073	.3914386	.4196972	.4208630	12.85859
#1	2.407595	-.058341	2.489957	2.368114	2.569658	.0063036
#2	2.414747	-.059784	2.509206	2.371782	2.586885	.0054099
#3	2.432031	-.054063	2.502670	2.386922	2.566887	.0048967

Elem	Sr4077
Units	ppm
Avg	.0116610
Stddev	.0001296
%RSD	1.111187
#1	.0116973
#2	.0117685
#3	.0115171

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2238.459	2352.830	59847.04	7349.336	3894.691
Stddev	9.319	8.774	173.51	61.424	14.933
%RSD	.4162955	.3729188	.2899290	.8357820	.3834232
#1	2235.381	2354.986	59647.87	7341.457	3896.695
#2	2231.068	2360.326	59927.76	7292.231	3908.522
#3	2248.927	2343.179	59965.48	7414.320	3878.858

Sample Name: ICB Acquired: 6/11/2018 14:53:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) 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	-.001886	-.001099	-.000356	-.000615	.0001473	-.000147	-.001568
Stddev	.001093	.000941	.001752	.002938	.0011323	.002853	.000751
%RSD	57.92961	85.54680	491.9736	477.7201	768.9473	1935.743	47.88330

#1	-.002766	-.000093	-.002271	.001365	.0014398	-.002366	-.001057
#2	-.002229	-.001249	.000037	.000781	-.000669	-.001147	-.001217
#3	-.000663	-.001956	.001166	-.003991	-.000329	.003071	-.002430

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000684	-.000041	-.005403	-.000073	-.000076	.0004722	-.005841
Stddev	.0000712	.000035	.004244	.000241	.000290	.0014338	.006790
%RSD	104.0440	85.08234	78.53765	332.7284	380.5693	303.6811	116.2640

#1	.0000870	-.000001	-.002638	.000169	.000168	.0008916	-.002533
#2	-.000010	-.000061	-.010289	-.000074	.000000	.0016495	-.001338
#3	.000129	-.000062	-.003282	-.000313	-.000397	-.001125	-.013651

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005175	-.024738	-.000101	.0000389	.1309664	.0055005	-.005032
Stddev	.0002778	.055801	.000080	.0002663	.1092821	.0011933	.011568
%RSD	53.68438	225.5636	78.95001	684.0795	83.44288	21.69455	229.8899

#1	.0002494	-.065719	-.000060	.0001575	.2078712	.0058353	-.007584
#2	.0004990	-.047309	-.000193	.0002254	.1791559	.0064907	-.015111
#3	.0008041	.038812	-.000050	-.000266	.0058721	.0041756	.007599

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112043	.0000479	.0053021	-.000276	-.058580	-.001116	-.001179
Stddev	.0669181	.0002869	.0005272	.000004	.002789	.001120	.001309
%RSD	597.2549	599.0552	9.943784	1.471838	4.761473	100.3365	111.0592

#1	-.065955	.0000418	.0049974	-.000280	-.060300	-.002255	-.000727
#2	.053365	-.000236	.0059109	-.000277	-.055362	-.000017	-.000155
#3	.046203	.000338	.0049981	-.000272	-.060078	-.001075	-.002653

Sample Name: ICB Acquired: 6/11/2018 14:53:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) 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	-.000429	.0013142	-.000113
Stddev	.000305	.0005901	.000074
%RSD	71.14760	44.90322	66.06971

#1	-.000557	.0017055	-.000198
#2	-.000650	.0016018	-.000060
#3	-.000081	.0006354	-.000081

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2256.125	2370.629	60370.89	7375.350	3976.963
Stddev	10.473	10.990	164.49	13.765	17.138
%RSD	.4642114	.4636067	.2724666	.1866314	.4309300

#1	2246.509	2365.566	60238.53	7382.250	3976.365
#2	2254.583	2383.238	60319.09	7359.500	3994.392
#3	2267.284	2363.082	60555.04	7384.300	3960.132

Sample Name: ICSA Acquired: 6/11/2018 14:58:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) 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	.0010369	-.001898	-.007120	.0012619	.0034273	233.6061
Stddev	.0038226	.006346	.002673	.0036885	.0020647	.5391
%RSD	368.6499	334.3533	37.53823	292.2876	60.24218	.2307908

#1	.0003077	-.004374	-.004944	.0018743	.0058067	233.0069
#2	-.002369	.005313	-.006313	.0046059	.0023680	234.0520
#3	.005172	-.006634	-.010104	-.002694	.0021073	233.7594

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052156	.0009984	.0000074	245.1559	.0492823	-.000545
Stddev	.0003017	.0000205	.0001435	.4880	.0003026	.000232
%RSD	5.784114	2.051366	1925.348	.1990718	.6140912	42.57847

#1	.0052737	.0009815	.0001086	245.4531	.0494807	-.000679
#2	.0048890	.0010212	-.000157	245.4219	.0494323	-.000678
#3	.0054839	.0009925	.000071	244.5926	.0489339	-.000277

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000900	98.59772	.0105016	244.2098	-.000789	-.003555
Stddev	.002789	.72659	.0006059	1.7407	.000270	.000558
%RSD	309.7400	.7369272	5.770115	.7127879	34.21997	15.68687

#1	.000542	97.94123	.0099462	242.2710	-.000522	-.004185
#2	.000871	99.37841	.0104107	245.6385	-.001062	-.003123
#3	-.004115	98.47352	.0111478	244.7198	-.000783	-.003358

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.556567	.0016383	-.002832	-.105144	-.005825	F .0481155
Stddev	.200735	.0023069	.001717	.028584	.000360	.0010479
%RSD	7.851730	140.8098	60.61533	27.18614	6.184075	2.177897

#1	2.457517	.0039130	-.003888	-.073978	-.005904	.0492326
#2	2.787575	.0017015	-.003757	-.111312	-.005432	.0471542
#3	2.424607	-.000700	-.000851	-.130140	-.006139	.0479597

Sample Name: ICSA Acquired: 6/11/2018 14:58:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) 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	.0009965	.1074163	-.001599	-.004891	-.000825	.0059540
Stddev	.0005371	.0063792	.000597	.001588	.000385	.0010569
%RSD	53.89865	5.938717	37.31841	32.47444	46.74720	17.75055

#1	.0014272	.1141191	-.001838	-.004980	-.000518	.0052119
#2	.0003947	.1067102	-.000920	-.003260	-.000699	.0071641
#3	.0011677	.1014195	-.002039	-.006432	-.001257	.0054860

Elem	Sr4077
Units	ppm
Avg	.1027849
Stddev	.0004423
%RSD	.4303394

#1	.1026026
#2	.1032892
#3	.1024628

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2087.658	2191.316	56107.67	7183.477	3343.509
Stddev	4.059	6.252	118.66	27.297	14.415
%RSD	.1944335	.2853235	.2114858	.3800005	.4311403

#1	2085.902	2188.803	56241.37	7200.688	3340.948
#2	2084.772	2198.433	56014.87	7152.003	3359.034
#3	2092.299	2186.711	56066.77	7197.740	3330.547

Sample Name: ICSAB Acquired: 6/11/2018 15:16:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) 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	.0856000	.1050853	.0415218	.0511116	.5907914	237.4507
Stddev	.0122153	.0035245	.0021003	.0021762	.0035789	.2817
%RSD	14.27023	3.353927	5.058279	4.257818	.6057863	.1186461

#1	.0804023	.1019445	.0410055	.0486003	.5873835	237.1515
#2	.0995546	.1088970	.0397279	.0524465	.5904708	237.4896
#3	.0768432	.1044146	.0438322	.0522878	.5945198	237.7110

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5122637	.4918879	.9884181	245.8521	.5598825	.4955605
Stddev	.0006016	.0017970	.0061354	.9873	.0013073	.0026755
%RSD	.1174386	.3653212	.6207322	.4015887	.2334909	.5398939

#1	.5125815	.4926218	.9847571	246.7516	.5583784	.4940109
#2	.5115698	.4898402	.9849959	244.7958	.5605240	.4940206
#3	.5126397	.4932019	.9955013	246.0089	.5607451	.4986499

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5083381	100.7874	.5181585	247.5949	.9985008	.1897633
Stddev	.0040128	.5512	.0046215	.9634	.0055185	.0006498
%RSD	.7893969	.5469421	.8919093	.3891175	.5526747	.3424458

#1	.5048417	100.2656	.5220797	246.6140	.9954830	.1897409
#2	.5127196	101.3640	.5130632	248.5399	.9951493	.1904241
#3	.5074532	100.7327	.5193327	247.6308	1.004870	.1891250

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4173777	.5000948	1.009775	-.202100	.0066300	F .0504545
Stddev	.1887711	.0064884	.018096	.014632	.0002564	.0026355
%RSD	45.22789	1.297437	1.792071	7.240070	3.867190	5.223551

#1	.5161555	.4930487	1.029888	-.213510	.0066735	.0487392
#2	.5362647	.5058234	1.004623	-.185603	.0068618	.0534891
#3	.1997130	.5014122	.994813	-.207187	.0063546	.0491351

Sample Name: ICSAB Acquired: 6/11/2018 15:16:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) 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	.0011711	-.053579	-.001337	-.003557	-.002826	.0074182
Stddev	.0004784	.003012	.001417	.001665	.000339	.0007057
%RSD	40.85273	5.621983	105.9786	46.82267	11.99697	9.512692

#1	.0011923	-.051264	-.000632	-.003161	-.002840	.0066177
#2	.0006825	-.056985	-.002969	-.005384	-.002481	.0079502
#3	.0016386	-.052489	-.000411	-.002124	-.003159	.0076868

Elem	Sr4077
Units	ppm
Avg	.1025764
Stddev	.0003169
%RSD	.3089606

#1	.1028973
#2	.1022636
#3	.1025683

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2059.665	2161.016	55964.56	7200.133	3318.751
Stddev	7.852	4.603	131.48	26.926	8.803
%RSD	.3812161	.2130182	.2349431	.3739597	.2652368

#1	2052.273	2160.562	55860.09	7171.166	3312.856
#2	2058.815	2165.829	56112.20	7224.397	3328.870
#3	2067.907	2156.656	55921.38	7204.836	3314.529

Sample Name: CCV013 Acquired: 6/11/2018 15:20:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV013 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.009949	4.975453	24.74585	4.926022	5.013679	404.2690	10.18929
Stddev	.038575	.043504	.06997	.021057	.022237	.2316	.01985
%RSD	.7699639	.8743807	.2827712	.4274724	.4435174	.0572815	.1948069

#1	4.996375	4.934790	24.73285	4.908168	5.000165	404.2746	10.17913
#2	4.979997	4.970240	24.68328	4.920655	5.001528	404.4978	10.21216
#3	5.053477	5.021329	24.82141	4.949244	5.039343	404.0347	10.17657

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5024960	2.484697	405.7248	15.32059	2.509265	15.21711	407.9546
Stddev	.0034540	.009728	.9216	.03014	.011412	.03828	1.1208
%RSD	.6873624	.3915357	.2271444	.1967595	.4548063	.2515323	.2747484

#1	.5044230	2.478605	404.7048	15.29825	2.507649	15.22245	409.2429
#2	.4985085	2.479569	406.4975	15.30863	2.498747	15.25244	407.2027
#3	.5045566	2.495916	405.9721	15.35487	2.521399	15.17644	407.4183

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.85444	405.2579	2.511504	1.232046	398.0115	2.504101	15.08919
Stddev	.02972	1.1160	.007989	.003667	.2588	.002531	.11388
%RSD	.2000458	.2753686	.3180850	.2976203	.0650126	.1010714	.7547274

#1	14.82455	406.2247	2.509997	1.231863	397.9992	2.506957	14.96023
#2	14.88398	404.0367	2.504376	1.235801	398.2761	2.503207	15.13141
#3	14.85478	405.5124	2.520139	1.228474	397.7591	2.502138	15.17593

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	153.5387	5.192311	5.024655	4.847119	5.110703	4.963856	4.984206
Stddev	.1407	.037880	.028163	.025443	.057678	.031580	.015291
%RSD	.0916425	.7295403	.5604990	.5249018	1.128566	.6362072	.3067947

#1	153.4443	5.149793	5.038389	4.832134	5.048341	4.974680	4.970587
#2	153.7004	5.204680	4.992260	4.832727	5.121640	4.928286	4.981282
#3	153.4714	5.222461	5.043317	4.876495	5.162130	4.988600	5.000748

Sample Name: CCV013 Acquired: 6/11/2018 15:20:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV013 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.978298	5.056382	5.032620
Stddev	.008486	.015215	.027767
%RSD	.1704631	.3009072	.5517437

#1	4.968934	5.047275	5.060179
#2	4.985482	5.073947	5.033031
#3	4.980477	5.047924	5.004650

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1911.062	1960.285	53402.06	7034.348	2962.607
Stddev	9.803	9.024	177.79	9.129	8.782
%RSD	.5129755	.4603212	.3329249	.1297740	.2964411

#1	1922.381	1960.597	53593.21	7026.648	2963.560
#2	1905.520	1969.149	53241.64	7044.432	2970.874
#3	1905.285	1951.109	53371.34	7031.962	2953.387

Sample Name: CCB013 Acquired: 6/11/2018 15:24:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB013 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002606	.0007577	-.000517	-.002202	-.000816	.0127853	-.000500
Stddev	.001374	.0012093	.002411	.002470	.000756	.0056629	.000472
%RSD	52.72898	159.6086	466.3973	112.1654	92.66859	44.29223	94.46376

#1	-.003590	.0020716	.002003	.000624	-.000762	.0153163	-.001044
#2	-.001036	-.000309	-.000753	-.003283	-.001598	.0167413	-.000241
#3	-.003191	.000510	-.002801	-.003948	-.000088	.0062983	-.000213

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000347	-.000030	.0126892	.0002833	-.000177	.0025552	.0111360
Stddev	.0000573	.000119	.0085240	.0005926	.000240	.0032715	.0230649
%RSD	165.1498	404.7013	67.17502	209.1478	135.5200	128.0370	207.1205

#1	-.000022	.000084	.0142446	.0009107	-.000427	.0009194	-.013262
#2	.000034	-.000154	.0034946	.0002062	.000052	.0004241	.032584
#3	.000092	-.000019	.0203284	-.000267	-.000156	.0063220	.014087

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009850	.0069858	-.000234	.0006797	.1450781	.0041668	.0033721
Stddev	.0004936	.0313014	.000220	.0001607	.1584213	.0014429	.0045662
%RSD	50.11752	448.0737	93.88697	23.63627	109.1973	34.62962	135.4103

#1	.0010122	.0159126	-.000247	.0007525	.2371239	.0056569	.0058198
#2	.0014644	.0328541	-.000447	.0004956	.2359602	.0040671	-.001896
#3	.0004783	-.027809	-.000008	.0007912	-.037850	.0027763	.006193

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0203301	-.000241	.0068780	-.000002	-.066151	-.000120	.0001009
Stddev	.0320392	.000122	.0001937	.000116	.002146	.001061	.0003556
%RSD	157.5950	50.51866	2.816293	5315.807	3.244425	880.9002	352.3976

#1	.0153409	-.000109	.0069774	.000048	-.063814	.000132	-.000302
#2	.0545711	-.000349	.0066548	.000080	-.066604	.000791	.000232
#3	-.008922	-.000267	.0070018	-.000135	-.068034	-.001284	.000373

Sample Name: CCB013 Acquired: 6/11/2018 15:24:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB013 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000633	.0012475	.0001366
Stddev	.000673	.0007706	.0000662
%RSD	106.3404	61.77124	48.44295

#1	-.001305	.0010869	.0001089
#2	-.000633	.0005699	.0002121
#3	.000040	.0020858	.0000888

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2255.438	2375.156	60510.89	7446.817	3975.882
Stddev	21.127	10.277	771.23	27.848	12.618
%RSD	.9367137	.4326771	1.274535	.3739640	.3173600

#1	2251.471	2377.327	60653.75	7473.425	3976.762
#2	2278.268	2363.967	61200.71	7417.875	3962.848
#3	2236.576	2384.174	59678.22	7449.150	3988.037

Sample Name: J3363-20 Acquired: 6/11/2018 15:28:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GK1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1516094	.0012669	1.309429	.0062454	.0092210	107.6279	1.559168
Stddev	.0037446	.0024933	.005821	.0031322	.0006562	.1267	.002333
%RSD	2.469876	196.8087	.4445169	50.15252	7.116808	.1177202	.1496125

#1	.1547243	.0006131	1.306790	.0058449	.0086382	107.7391	1.558144
#2	.1474549	-.000834	1.305395	.0033327	.0099318	107.4900	1.557522
#3	.1526491	.004022	1.316102	.0095586	.0090930	107.6546	1.561837

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082767	.0430095	40.23127	.1698867	.0967147	.3553008	212.4525
Stddev	.0002029	.0002000	.14236	.0007792	.0007932	.0018177	.9440
%RSD	2.450857	.4651067	.3538620	.4586439	.8201513	.5116050	.4443499

#1	.0080482	.0427804	40.16200	.1703248	.0957988	.3572618	213.4982
#2	.0083460	.0430990	40.13679	.1689871	.0971763	.3536723	212.1963
#3	.0084358	.0431493	40.39501	.1703482	.0971690	.3549684	211.6630

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.491933	44.66830	.1297929	-.004115	1.685280	.4589235	.9659816
Stddev	.020189	.07656	.0015983	.000383	.084615	.0005874	.0088325
%RSD	.3109834	.1713980	1.231463	9.306575	5.020849	.1279888	.9143552

#1	6.473189	44.68602	.1291514	-.004547	1.747416	.4587646	.9680889
#2	6.489300	44.73444	.1286150	-.003983	1.719510	.4584318	.9735699
#3	6.513309	44.58443	.1316124	-.003816	1.588912	.4595739	.9562861

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	36.62435	.9062543	.1385039	.0097978	1.845033	11.08328	.0120277
Stddev	.04037	.0041186	.0019155	.0003876	.008709	.03518	.0007964
%RSD	.1102160	.4544655	1.383000	3.955495	.4720116	.3174180	6.621030

#1	36.58351	.9044633	.1400959	.0093900	1.837718	11.07137	.0119172
#2	36.66422	.9033343	.1390377	.0098423	1.854666	11.05559	.0112924
#3	36.62534	.9109651	.1363781	.0101613	1.842714	11.12286	.0128736

Sample Name: J3363-20 Acquired: 6/11/2018 15:28:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GK1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.945404	.1091351	.2697921
Stddev	.009480	.0006743	.0005594
%RSD	.2402762	.6179070	.2073272

#1	3.956027	.1083645	.2693447
#2	3.937806	.1094236	.2696123
#3	3.942379	.1096173	.2704192

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2559.189	2674.092	69019.51	8685.875	3675.094
Stddev	5.092	10.284	182.66	20.173	9.800
%RSD	.1989624	.3845624	.2646475	.2322514	.2666713

#1	2553.365	2673.275	68844.47	8678.250	3677.021
#2	2562.799	2684.760	69208.93	8708.749	3683.788
#3	2561.402	2664.241	69005.11	8670.625	3664.474

Sample Name: J3363-21 Acquired: 6/11/2018 15:32:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GK1D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1560297	.0016812	1.305291	.0096280	.0096517	107.2721	1.551989
Stddev	.0047612	.0026177	.010506	.0017844	.0015043	.3369	.006076
%RSD	3.051476	155.7046	.8048890	18.53321	15.58622	.3140158	.3914754

#1	.1558110	.0009381	1.304815	.0116822	.0089880	107.5327	1.557890
#2	.1513817	.0045901	1.295031	.0087394	.0113737	107.3919	1.552323
#3	.1608965	-.000485	1.316027	.0084624	.0085933	106.8917	1.545753

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083599	.0428927	40.10176	.1694348	.0964577	.3511566	212.0459
Stddev	.0000944	.0000703	.11699	.0003379	.0007026	.0027232	.7883
%RSD	1.129155	.1639869	.2917420	.1994526	.7284583	.7754885	.3717569

#1	.0083576	.0428320	40.23685	.1690456	.0958795	.3540260	211.6681
#2	.0082667	.0428763	40.03494	.1696047	.0962539	.3486082	212.9520
#3	.0084555	.0429698	40.03348	.1696540	.0972398	.3508355	211.5176

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.469388	44.34599	.1295680	-.004021	1.566901	.4591057	.9427250
Stddev	.021053	.13780	.0003940	.000458	.069533	.0047685	.0147104
%RSD	.3254245	.3107295	.3041098	11.39668	4.437601	1.038650	1.560414

#1	6.480808	44.19734	.1292668	-.004526	1.495729	.4626289	.9591021
#2	6.445092	44.37114	.1294233	-.003632	1.570305	.4610086	.9306328
#3	6.482263	44.46947	.1300139	-.003904	1.634669	.4536795	.9384402

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	36.51970	.9095086	.1368312	.0093805	1.855903	11.10296	.0115397
Stddev	.11878	.0027508	.0026943	.0003528	.010294	.05450	.0013146
%RSD	.3252459	.3024444	1.969079	3.761114	.5546456	.4908521	11.39182

#1	36.60257	.9106827	.1398242	.0097719	1.862455	11.04018	.0110281
#2	36.57291	.9114775	.1360702	.0090870	1.861216	11.13815	.0105577
#3	36.38362	.9063656	.1345992	.0092825	1.844039	11.13056	.0130331

Sample Name: J3363-21 Acquired: 6/11/2018 15:32:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GK1D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.930415	.1080123	.2688411
Stddev	.010791	.0015626	.0004180
%RSD	.2745518	1.446725	.1554740

#1	3.931241	.1095347	.2692044
#2	3.940769	.1064123	.2689348
#3	3.919234	.1080900	.2683843

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2578.756	2678.942	69091.26	8709.428	3688.197
Stddev	6.580	7.879	106.17	14.330	14.231
%RSD	.2551568	.2940961	.1536692	.1645399	.3858462

#1	2571.161	2683.249	68981.01	8693.961	3687.639
#2	2582.759	2683.729	69192.81	8712.066	3702.699
#3	2582.346	2669.849	69099.98	8722.255	3674.254

Sample Name: J3363-22 Acquired: 6/11/2018 15:36:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GK1S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2134583	.1032730	1.307641	.0900393	.1788061	108.8825	5.298663
Stddev	.0052945	.0028495	.004079	.0032964	.0008904	.3233	.005966
%RSD	2.480353	2.759192	.3119334	3.661023	.4979690	.2969667	.1125960

#1	.2188622	.1056934	1.302975	.0900153	.1792538	109.1899	5.302090
#2	.2082804	.1039930	1.310529	.0867550	.1793837	108.5452	5.302124
#3	.2132323	.1001325	1.309420	.0933476	.1777807	108.9123	5.291774

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0968186	.1426901	39.33281	.5503582	1.126559	.8102179	210.4687
Stddev	.0007252	.0004777	.03398	.0011433	.003324	.0088131	1.5809
%RSD	.7490599	.3347533	.0863856	.2077404	.2950611	1.087741	.7511481

#1	.0969289	.1422672	39.30174	.5491763	1.123299	.8143109	212.1905
#2	.0960446	.1425949	39.36909	.5504398	1.126436	.8162401	209.0826
#3	.0974824	.1432082	39.32760	.5514586	1.129943	.8001026	210.1330

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.330094	43.75906	1.165644	.0825830	1.470993	1.381945	1.809547
Stddev	.033086	.26119	.004861	.0003564	.183714	.006899	.010794
%RSD	.4513706	.5968843	.4170309	.4315491	12.48908	.4992283	.5964841

#1	7.297132	44.02153	1.160660	.0829875	1.655677	1.389901	1.812854
#2	7.363302	43.49917	1.165902	.0823150	1.469038	1.378325	1.818301
#3	7.329847	43.75649	1.170372	.0824465	1.288265	1.377609	1.797487

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.76619	.8908229	.1374661	.0095234	1.777507	10.90650	.0111148
Stddev	.04331	.0048442	.0057297	.0002041	.005438	.10515	.0005444
%RSD	.1210849	.5437885	4.168078	2.143048	.3059095	.9641447	4.897777

#1	35.81204	.8962856	.1422713	.0092910	1.776074	10.89739	.0110779
#2	35.72598	.8870497	.1390021	.0096060	1.772929	10.80620	.0116767
#3	35.76056	.8891333	.1311250	.0096733	1.783517	11.01592	.0105898

Sample Name: J3363-22 Acquired: 6/11/2018 15:36:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GK1S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.873902	.1081264	.2650471
Stddev	.014348	.0009116	.0004386
%RSD	.3703711	.8430429	.1654817

#1	3.885048	.1087522	.2646546
#2	3.857714	.1070806	.2649661
#3	3.878944	.1085464	.2655205

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2565.326	2681.487	68735.14	8688.693	3717.619
Stddev	16.700	6.720	190.64	9.131	5.973
%RSD	.6509995	.2506245	.2773518	.1050883	.1606764

#1	2560.319	2683.964	68644.29	8685.988	3720.459
#2	2551.703	2686.617	68606.93	8698.870	3721.643
#3	2583.958	2673.879	68954.21	8681.220	3710.756

Sample Name: J3363-20LX5 Acquired: 6/11/2018 15:40:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GK1L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0343950	.0002333	.2644149	.0031597	.0019385	23.73542	.3472684
Stddev	.0014607	.0002225	.0012204	.0033986	.0003459	.07097	.0005077
%RSD	4.246781	95.39241	.4615345	107.5612	17.84308	.2990008	.1462067

#1	.0350367	.0004555	.2640604	.0053539	.0023366	23.66833	.3478393
#2	.0354249	.0002338	.2634111	.0048804	.0017678	23.80972	.3468673
#3	.0327233	.0000105	.2657733	-.000755	.0017112	23.72822	.3470986

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019634	.0084547	8.968832	.0387868	.0188899	.0836905	48.60022
Stddev	.0001130	.0000658	.034134	.0005132	.0000966	.0027064	.50135
%RSD	5.753798	.7778537	.3805816	1.323110	.5115304	3.233780	1.031583

#1	.0020888	.0084937	8.960278	.0388431	.0187805	.0840516	48.20515
#2	.0018695	.0083788	9.006429	.0382478	.0189259	.0861982	49.16422
#3	.0019320	.0084917	8.939788	.0392696	.0189634	.0808217	48.43130

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.467259	9.917223	.0266459	-.000212	.4657928	.1059250	.2106991
Stddev	.006830	.091145	.0004730	.000126	.0666600	.0051563	.0097611
%RSD	.4655274	.9190534	1.775231	59.25805	14.31109	4.867836	4.632696

#1	1.462840	9.881386	.0261010	-.000315	.4700008	.1004414	.2199806
#2	1.475126	10.02084	.0268861	-.000251	.5302492	.1066583	.2005204
#3	1.463811	9.84944	.0269507	-.000072	.3971285	.1106754	.2115963

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.999541	.1822634	.0311092	.0022465	.3132358	2.583950	.0018141
Stddev	.021096	.0010551	.0004994	.0001840	.0040555	.013667	.0006038
%RSD	.2637196	.5788624	1.605387	8.189361	1.294728	.5289049	33.28442

#1	7.977186	.1815802	.0315207	.0023239	.3168854	2.574077	.0015325
#2	8.002338	.1817314	.0312533	.0020365	.3088698	2.599548	.0025073
#3	8.019100	.1834785	.0305535	.0023791	.3139521	2.578225	.0014026

Sample Name: J3363-20LX5 Acquired: 6/11/2018 15:40:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GK1L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8811685	.0239065	.0603001
Stddev	.0014371	.0003812	.0001472
%RSD	.1630855	1.594694	.2440958

#1	.8795507	.0239599	.0603634
#2	.8822969	.0235014	.0604051
#3	.8816579	.0242582	.0601319

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2328.289	2432.944	62424.48	7744.331	3885.674
Stddev	8.738	14.498	269.11	74.273	23.825
%RSD	.3753129	.5958839	.4311019	.9590649	.6131387

#1	2337.156	2436.720	62478.01	7796.975	3894.640
#2	2319.685	2445.180	62132.62	7659.375	3903.714
#3	2328.025	2416.932	62662.80	7776.643	3858.667

Sample Name: J3380-01 Acquired: 6/11/2018 15:44:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G53 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1621589	-.002369	1.399628	.0083044	.0092243	127.7973	1.487233
Stddev	.0069237	.002268	.005080	.0038573	.0001395	.8311	.003556
%RSD	4.269685	95.72612	.3629257	46.44883	1.512573	.6502903	.2390863

#1	.1624693	-.004389	1.394151	.0122635	.0090635	128.1244	1.486277
#2	.1689221	.000084	1.400550	.0080918	.0092969	126.8525	1.484254
#3	.1550852	-.002803	1.404184	.0045577	.0093126	128.4151	1.491170

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111458	.0560217	44.61931	.1691880	.1318015	.8639611	235.3567
Stddev	.0000808	.0000850	.04447	.0009469	.0002242	.0050072	2.4261
%RSD	.7249140	.1517016	.0996633	.5596587	.1701129	.5795597	1.030801

#1	.0112286	.0559416	44.62566	.1690667	.1315455	.8598929	236.6322
#2	.0110672	.0560127	44.57200	.1701897	.1319629	.8624372	232.5590
#3	.0111416	.0561108	44.66026	.1683076	.1318962	.8695531	236.8790

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.664100	66.01953	.1658963	-.001596	1.586454	.4677868	1.657563
Stddev	.028874	.62552	.0004244	.000368	.207882	.0040619	.012388
%RSD	.4332739	.9474796	.2558533	23.05711	13.10359	.8683273	.7473342

#1	6.695360	66.30729	.1654878	-.001242	1.492515	.4723912	1.664529
#2	6.658509	65.30191	.1658661	-.001977	1.824726	.4662583	1.643260
#3	6.638430	66.44938	.1663351	-.001569	1.442120	.4647108	1.664898

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.56298	1.274791	.1412567	.0065912	1.771346	7.948823	.0179966
Stddev	.34360	.002473	.0097027	.0002014	.002400	.032344	.0014157
%RSD	.6932625	.1940200	6.868840	3.055276	.1354878	.4069020	7.866390

#1	49.67902	1.271937	.1405392	.0064437	1.768734	7.983706	.0174089
#2	49.17639	1.276316	.1319326	.0065094	1.773453	7.942935	.0169694
#3	49.83354	1.276118	.1512982	.0068206	1.771852	7.919827	.0196114

Sample Name: J3380-01 Acquired: 6/11/2018 15:44:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G53 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.054402	.1792217	.3872701
Stddev	.048828	.0005073	.0015265
%RSD	.6921641	.2830479	.3941744

#1	7.078512	.1787264	.3880594
#2	6.998209	.1791987	.3855105
#3	7.086486	.1797402	.3882403

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2724.069	2802.757	73247.57	9241.438	3626.590
Stddev	13.956	6.416	176.72	49.827	7.919
%RSD	.5123248	.2289305	.2412703	.5391650	.2183710

#1	2719.965	2810.150	73397.43	9207.443	3635.264
#2	2739.617	2798.642	73292.58	9298.635	3624.762
#3	2712.624	2799.478	73052.69	9218.238	3619.745

Sample Name: J3380-02 Acquired: 6/11/2018 15:48:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G54 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4005351	.0003867	2.842348	.0119349	.0146052	129.1542	1.530491
Stddev	.0065198	.0020577	.024609	.0054584	.0023034	.3367	.004030
%RSD	1.627765	532.1568	.8658153	45.73509	15.77129	.2606600	.2633205

#1	.4065039	.0021133	2.838235	.0123318	.0172568	129.5429	1.533500
#2	.3935773	-.001890	2.820054	.0062888	.0130993	128.9533	1.525912
#3	.4015241	.000937	2.868755	.0171840	.0134595	128.9665	1.532059

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105498	.0996742	50.23496	.1713079	.1268377	1.041740	234.4274
Stddev	.0000315	.0010025	.15777	.0001168	.0012536	.005816	.8271
%RSD	.2981712	1.005736	.3140553	.0681878	.9883207	.5582687	.3528067

#1	.0105818	.0995658	50.21247	.1714220	.1267738	1.048387	235.1279
#2	.0105485	.0987304	50.08964	.1713131	.1256173	1.039243	234.6394
#3	.0105190	.1007265	50.40276	.1711886	.1281219	1.037589	233.5150

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.787462	62.67594	.1499485	.0070247	1.701020	.4570560	2.802384
Stddev	.017419	.03341	.0018212	.0002790	.162264	.0069377	.028471
%RSD	.2236758	.0533000	1.214571	3.971632	9.539196	1.517912	1.015945

#1	7.769289	62.68901	.1496289	.0072036	1.513911	.4581585	2.834916
#2	7.789083	62.70085	.1483082	.0071674	1.786086	.4633765	2.790217
#3	7.804013	62.63798	.1519083	.0067033	1.803063	.4496331	2.782018

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	52.17287	1.363172	.1466851	.0087373	3.231967	10.10830	.0227637
Stddev	.16520	.012509	.0029051	.0001554	.025840	.04196	.0000258
%RSD	.3166302	.9176552	1.980473	1.778359	.7995285	.4151390	.1133885

#1	52.36207	1.362307	.1441475	.0085630	3.243379	10.15400	.0227679
#2	52.09929	1.351118	.1498538	.0088612	3.202386	10.07150	.0227361
#3	52.05724	1.376092	.1460539	.0087879	3.250138	10.09941	.0227872

Sample Name: J3380-02 Acquired: 6/11/2018 15:48:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G54 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.562533	.1723698	.3814743
Stddev	.023907	.0006808	.0005162
%RSD	.3161282	.3949651	.1353191

#1	7.589592	.1731469	.3820560
#2	7.553738	.1720845	.3812961
#3	7.544269	.1718781	.3810709

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2624.034	2749.133	71182.65	9061.626	3610.096
Stddev	9.791	16.731	91.82	16.086	27.495
%RSD	.3731323	.6085773	.1289933	.1775227	.7616245

#1	2615.734	2750.231	71214.56	9066.870	3611.185
#2	2621.535	2765.289	71079.14	9043.572	3637.031
#3	2634.832	2731.881	71254.27	9074.436	3582.072

Sample Name: J3380-03 Acquired: 6/11/2018 15:52:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G55 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4829770	.0067985	3.952018	.0057963	.0161486	81.78965	1.178467
Stddev	.0153009	.0048912	.147512	.0013427	.0015482	.34878	.004112
%RSD	3.168028	71.94455	3.732573	23.16482	9.587376	.4264295	.3489358

#1	.4742361	.0037698	3.874599	.0059031	.0148925	81.48909	1.174568
#2	.4740503	.0124413	3.859333	.0044034	.0156750	81.70778	1.182763
#3	.5006446	.0041845	4.122122	.0070824	.0178784	82.17208	1.178071

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072401	.0933224	54.47746	.1172166	.0973669	.9591904	184.7235
Stddev	.0000329	.0040462	.16816	.0007794	.0042765	.0025094	1.0239
%RSD	.4545529	4.335737	.3086834	.6649279	4.392149	.2616165	.5542818

#1	.0072026	.0911254	54.32070	.1172024	.0949200	.9607358	183.7410
#2	.0072539	.0908500	54.65508	.1164443	.0948758	.9562950	184.6454
#3	.0072639	.0979919	54.45659	.1180030	.1023049	.9605404	185.7843

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.918628	50.00151	.1140334	.0176242	1.292869	.3667203	4.271020
Stddev	.018173	.26962	.0042115	.0003800	.076689	.0015788	.001653
%RSD	.2037602	.5392200	3.693228	2.155950	5.931660	.4305069	.0387142

#1	8.925180	49.73746	.1123698	.0171885	1.293344	.3650715	4.269765
#2	8.932616	49.99070	.1109078	.0178872	1.369318	.3668715	4.272894
#3	8.898088	50.27637	.1188226	.0177968	1.215944	.3682181	4.270401

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.94558	1.164016	.1091619	.0083868	2.153461	7.703038	.0161159
Stddev	.10273	.041105	.0073051	.0003903	.098845	.038219	.0014845
%RSD	.3215789	3.531334	6.691978	4.653839	4.590050	.4961606	9.211481

#1	31.88206	1.142211	.1017867	.0079562	2.104460	7.746489	.0147067
#2	31.89057	1.138408	.1093041	.0087173	2.088691	7.674623	.0159751
#3	32.06410	1.211430	.1163948	.0084870	2.267234	7.688004	.0176657

Sample Name: J3380-03 Acquired: 6/11/2018 15:52:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G55 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.217042	.1312963	.2629311
Stddev	.027649	.0003479	.0007893
%RSD	.5299799	.2649731	.3002052

#1	5.200524	.1311602	.2620270
#2	5.201640	.1316917	.2634837
#3	5.248962	.1310371	.2632824

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2597.582	2672.368	70044.17	8824.671	3652.258
Stddev	10.097	68.459	86.35	13.271	118.574
%RSD	.3886949	2.561720	.1232807	.1503821	3.246589

#1	2607.617	2710.096	69964.24	8825.080	3717.668
#2	2587.425	2713.662	70032.51	8837.732	3723.721
#3	2597.705	2593.345	70135.75	8811.200	3515.386

Sample Name: J3380-04 Acquired: 6/11/2018 15:56:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G56 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4426182	.0054160	1.475186	.0085960	.0102104	97.92646	1.192674
Stddev	.0096425	.0010758	.006731	.0020563	.0017784	.15650	.003913
%RSD	2.178514	19.86350	.4562561	23.92182	17.41755	.1598177	.3280475

#1	.4480549	.0043147	1.481838	.0096631	.0114421	97.98433	1.196984
#2	.4314850	.0054689	1.468379	.0062255	.0081715	98.04579	1.191695
#3	.4483147	.0064644	1.475340	.0098994	.0110175	97.74926	1.189344

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082235	.0581897	32.16533	.1260644	.1026251	.5752361	186.1082
Stddev	.0001787	.0002872	.15209	.0006963	.0004184	.0063023	.7042
%RSD	2.172941	.4935625	.4728286	.5523381	.4077138	1.095609	.3783938

#1	.0084268	.0582603	32.28842	.1256859	.1029962	.5783085	185.8021
#2	.0081518	.0578738	32.21227	.1268680	.1021717	.5794130	186.9137
#3	.0080917	.0584350	31.99531	.1256394	.1027075	.5679868	185.6089

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.221939	49.45313	.1175865	-.002178	1.161710	.3749204	1.435066
Stddev	.017223	.15835	.0004970	.000267	.134533	.0038755	.011419
%RSD	.2384849	.3201976	.4226217	12.27841	11.58060	1.033686	.7957271

#1	7.235449	49.40673	.1172464	-.002485	1.102978	.3730489	1.440523
#2	7.227824	49.62950	.1173563	-.001998	1.066528	.3723357	1.442733
#3	7.202545	49.32317	.1181568	-.002050	1.315623	.3793764	1.421942

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.23053	.8912562	.1119433	.0094358	1.197385	7.031746	.0155216
Stddev	.09530	.0012429	.0028084	.0001682	.006500	.020491	.0018805
%RSD	.2492709	.1394588	2.508764	1.782290	.5428089	.2914137	12.11573

#1	38.21692	.8903214	.1120574	.0092727	1.204644	7.027095	.0172160
#2	38.33190	.8907804	.1146929	.0094260	1.192104	7.054163	.0134983
#3	38.14277	.8926667	.1090796	.0096086	1.195406	7.013979	.0158503

Sample Name: J3380-04 Acquired: 6/11/2018 15:56:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0G56 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.108231	.1355777	.2680080
Stddev	.016141	.0005248	.0008266
%RSD	.2642423	.3870722	.3084156

#1	6.098059	.1361737	.2677260
#2	6.126841	.1353744	.2689387
#3	6.099791	.1351850	.2673593

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2600.193	2717.286	70059.81	8847.774	3732.204
Stddev	12.935	10.464	161.95	64.025	13.243
%RSD	.4974519	.3850759	.2311626	.7236232	.3548252

#1	2585.689	2705.400	69928.52	8819.638	3717.788
#2	2604.358	2725.109	70010.13	8802.636	3743.829
#3	2610.533	2721.347	70240.79	8921.049	3734.994

Sample Name: J3380-05 Acquired: 6/11/2018 16:00:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G57 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2981346	.0012722	1.220603	.0090729	.0097214	115.6183	1.270322
Stddev	.0059541	.0028630	.002755	.0043527	.0022650	.2402	.002418
%RSD	1.997129	225.0472	.2257085	47.97498	23.29948	.2077279	.1903662

#1	.3001580	.0039316	1.222590	.0045217	.0114451	115.8897	1.267531
#2	.2914325	.0016432	1.217458	.0131954	.0071560	115.5317	1.271652
#3	.3028134	-.001758	1.221760	.0095015	.0105632	115.4333	1.271784

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099567	.0364434	37.40818	.1636499	.1193534	.6259957	223.8435
Stddev	.0001968	.0001755	.02986	.0016404	.0000755	.0016049	1.1311
%RSD	1.976342	.4815650	.0798282	1.002389	.0632949	.2563798	.5052948

#1	.0101791	.0366002	37.43092	.1654315	.1193303	.6244771	225.1292
#2	.0098050	.0364762	37.37436	.1633164	.1192921	.6276749	223.3996
#3	.0098861	.0362538	37.41925	.1622020	.1194378	.6258350	223.0018

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.942809	59.67736	.1477062	-.004413	1.518317	.4508800	1.523398
Stddev	.029292	.40536	.0004582	.000536	.080246	.0015394	.026687
%RSD	.4928921	.6792479	.3101934	12.13568	5.285205	.3414142	1.751777

#1	5.945306	60.10393	.1482341	-.004271	1.431833	.4495911	1.537538
#2	5.912349	59.63094	.1474126	-.005006	1.590365	.4525845	1.540040
#3	5.970773	59.29721	.1474718	-.003964	1.532752	.4504643	1.492617

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	37.15102	.9203342	.1266925	.0057299	1.118392	5.643130	.0143641
Stddev	.07176	.0033974	.0055952	.0003403	.007586	.080138	.0010389
%RSD	.1931511	.3691438	4.416360	5.939294	.6783086	1.420103	7.232436

#1	37.21380	.9165244	.1241755	.0061193	1.109779	5.725869	.0132146
#2	37.07280	.9230490	.1331041	.0055808	1.124081	5.565875	.0146421
#3	37.16647	.9214292	.1227978	.0054895	1.121315	5.637645	.0152358

Sample Name: J3380-05 Acquired: 6/11/2018 16:00:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G57 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.847636	.1563871	.3360443
Stddev	.014209	.0006131	.0007572
%RSD	.2429917	.3920389	.2253157

#1	5.864029	.1559030	.3363919
#2	5.838839	.1561818	.3351757
#3	5.840042	.1570765	.3365652

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2624.377	2748.355	70628.44	8964.615	3692.440
Stddev	31.748	3.045	559.78	106.691	1.268
%RSD	1.209732	.1107799	.7925658	1.190133	.0343301

#1	2594.531	2749.061	70057.22	8841.440	3691.110
#2	2620.866	2750.985	70652.07	9028.182	3692.574
#3	2657.735	2745.019	71176.02	9024.222	3693.635

Sample Name: J3380-06 Acquired: 6/11/2018 16:04:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G58 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5378887	.0137417	3.663917	.0124641	.0229223	118.5332	1.492347
Stddev	.0052581	.0037040	.014278	.0014839	.0013848	.3933	.003429
%RSD	.9775360	26.95434	.3896931	11.90554	6.041151	.3317700	.2297719

#1	.5439370	.0113893	3.650545	.0116345	.0244446	118.7973	1.496289
#2	.5353231	.0180113	3.662250	.0115806	.0217373	118.7211	1.490698
#3	.5344060	.0118244	3.678955	.0141773	.0225852	118.0813	1.490054

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102518	.1665682	43.66893	.1662942	.1284186	1.122896	229.2678
Stddev	.0001720	.0005456	.08289	.0143357	.0008391	.007921	1.7258
%RSD	1.677766	.3275649	.1898097	8.620696	.6534383	.7054246	.7527244

#1	.0102338	.1664189	43.64839	.1581414	.1277283	1.114312	229.4008
#2	.0100895	.1661128	43.59825	.1578941	.1281749	1.129922	230.9232
#3	.0104321	.1671729	43.76016	.1828470	.1293526	1.124454	227.4794

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.685202	60.05431	.1503679	.0142534	1.612978	.4419514	4.953144
Stddev	.042131	.37673	.0014041	.0010171	.013625	.0005085	.281327
%RSD	.4850876	.6273212	.9337590	7.135549	.8447146	.1150526	5.679771

#1	8.675786	60.16370	.1501740	.0148752	1.598628	.4413649	4.734762
#2	8.648575	60.36424	.1490708	.0148053	1.614567	.4422216	4.854064
#3	8.731244	59.63499	.1518588	.0130797	1.625739	.4422677	5.270606

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	46.84849	1.151367	.1343946	.0081390	3.425220	5.109798	.0216692
Stddev	.01522	.009681	.0105270	.0005049	.029067	.075774	.0005975
%RSD	.0324774	.8408354	7.832875	6.202951	.8486027	1.482910	2.757386

#1	46.86319	1.151005	.1329119	.0085721	3.444722	5.143789	.0211241
#2	46.83281	1.141872	.1455842	.0075845	3.391813	5.022981	.0215756
#3	46.84949	1.161224	.1246875	.0082602	3.439125	5.162625	.0223080

Sample Name: J3380-06 Acquired: 6/11/2018 16:04:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G58 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.421631	.1564584	.3376683
Stddev	.027958	.0009466	.0010670
%RSD	.5156658	.6050084	.3159803

#1	5.432241	.1573097	.3388789
#2	5.442731	.1566265	.3368646
#3	5.389922	.1554391	.3372615

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2601.807	2805.357	70017.13	9194.516	3698.122
Stddev	166.098	5.039	4314.48	54.009	9.551
%RSD	6.383929	.1796047	6.162033	.5874079	.2582560

#1	2708.092	2804.396	72644.83	9169.228	3703.191
#2	2686.926	2810.807	72368.81	9256.530	3704.070
#3	2410.404	2800.868	65037.75	9157.791	3687.106

Sample Name: J3380-07 Acquired: 6/11/2018 16:08:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G59 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4149370	.0063702	2.570912	.0094793	.0137385	107.4311	1.275172
Stddev	.0060140	.0010041	.061513	.0031083	.0012674	.3791	.002804
%RSD	1.449372	15.76192	2.392640	32.78983	9.224824	.3529094	.2198672

#1	.4207760	.0075267	2.641927	.0060623	.0151375	107.5794	1.277446
#2	.4152730	.0058627	2.536623	.0102369	.0134107	107.7137	1.276029
#3	.4087621	.0057212	2.534187	.0121388	.0126672	107.0002	1.272039

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097872	.0859639	39.37535	.1545776	.1119262	.7848690	208.3080
Stddev	.0000884	.0024772	.01762	.0005492	.0030614	.0053580	1.1654
%RSD	.9028570	2.881705	.0447593	.3552792	2.735236	.6826678	.5594466

#1	.0097300	.0888230	39.39570	.1552110	.1154577	.7827583	208.2069
#2	.0098890	.0844591	39.36498	.1542860	.1102975	.7909609	209.5207
#3	.0097426	.0846095	39.36538	.1542356	.1100234	.7808876	207.1965

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.092919	56.95399	.1503896	.0062400	1.372031	.4043253	2.937715
Stddev	.023100	.21314	.0037314	.0001880	.125406	.0035773	.013782
%RSD	.3256749	.3742301	2.481119	3.013553	9.140207	.8847683	.4691378

#1	7.069893	56.93770	.1546738	.0063135	1.429962	.4019964	2.938513
#2	7.092772	57.17480	.1486439	.0060263	1.457999	.4084443	2.951081
#3	7.116092	56.74946	.1478511	.0063803	1.228132	.4025352	2.923552

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.05893	1.005279	.1259326	.0063417	1.889410	4.955809	.0165521
Stddev	.08270	.023429	.0037614	.0002089	.052390	.006453	.0001515
%RSD	.2064451	2.330627	2.986802	3.294389	2.772798	.1302095	.9154616

#1	40.00014	1.032156	.1217914	.0065826	1.949726	4.957071	.0165956
#2	40.15349	.989168	.1291371	.0062102	1.855236	4.961537	.0166772
#3	40.02315	.994512	.1268694	.0062324	1.863267	4.948818	.0163836

Sample Name: J3380-07 Acquired: 6/11/2018 16:08:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G59 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.874958	.1551887	.3078471
Stddev	.019033	.0008725	.0002123
%RSD	.3239691	.5621928	.0689711

#1	5.887689	.1544848	.3076019
#2	5.884107	.1561648	.3079656
#3	5.853078	.1549165	.3079737

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2644.429	2730.350	71031.77	8940.561	3677.555
Stddev	10.342	48.565	219.26	49.486	82.541
%RSD	.3910913	1.778725	.3086802	.5534980	2.244454

#1	2646.087	2674.281	70886.47	8947.927	3582.326
#2	2633.358	2757.454	70924.88	8887.805	3721.759
#3	2653.842	2759.314	71283.98	8985.950	3728.579

Sample Name: J3380-08 Acquired: 6/11/2018 16:12:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G60 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5050127	.0104820	3.198712	.0146616	.0159333	105.3071	1.384359
Stddev	.0050313	.0033242	.015432	.0075072	.0019470	5.8306	.072196
%RSD	.9962790	31.71307	.4824358	51.20333	12.21961	5.536748	5.215121

#1	.5024677	.0074086	3.195404	.0062899	.0176968	101.6982	1.338631
#2	.5017623	.0100272	3.185203	.0168996	.0138439	102.1895	1.346857
#3	.5108081	.0140101	3.215530	.0207954	.0162591	112.0337	1.467588

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089139	.1525675	44.97125	.1342993	.1063371	.9806780	213.8495
Stddev	.0004406	.0004319	2.45900	.0030714	.0005683	.0530404	12.3058
%RSD	4.942894	.2831152	5.467935	2.286942	.5343989	5.408546	5.754427

#1	.0085637	.1530321	43.38574	.1308770	.1069452	.9473731	206.8235
#2	.0087694	.1521781	43.72408	.1368161	.1062466	.9528177	206.6662
#3	.0094086	.1524922	47.80393	.1352048	.1058195	1.041843	228.0588

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.037049	57.04170	.1266150	.0107342	1.589125	.4239734	4.042177
Stddev	.430192	3.29247	.0003354	.0010944	.200983	.0221113	.099237
%RSD	5.352617	5.772035	.2649141	10.19493	12.64743	5.215254	2.455046

#1	7.784503	55.06144	.1267303	.0102994	1.502102	.4145613	3.948135
#2	7.792875	55.22126	.1262372	.0099241	1.446317	.4081254	4.032497
#3	8.533769	60.84239	.1268776	.0119792	1.818954	.4492334	4.145900

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	43.11889	1.074752	.1357426	.0102980	2.739314	8.381762	.0212291
Stddev	2.34028	.001730	.0121476	.0002310	.012614	.417210	.0031595
%RSD	5.427506	.1609696	8.949033	2.243307	.4604965	4.977592	14.88299

#1	41.55833	1.075271	.1315845	.0103196	2.746688	8.101425	.0242520
#2	41.98857	1.072822	.1262200	.0100570	2.724748	8.182633	.0179487
#3	45.80977	1.076163	.1494233	.0105175	2.746504	8.861228	.0214867

Sample Name: J3380-08 Acquired: 6/11/2018 16:12:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0G60 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.772278	.1544751	.2957272
Stddev	.378059	.0071194	.0156116
%RSD	5.582450	4.608780	5.279049

#1	6.534775	.1488450	.2865012
#2	6.573818	.1521024	.2869282
#3	7.208241	.1624779	.3137522

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2610.845	2688.868	70374.88	8578.911	3700.103
Stddev	46.227	7.032	1258.47	389.868	12.055
%RSD	1.770579	.2615200	1.788235	4.544495	.3257912

#1	2664.186	2693.332	71827.25	8847.051	3700.243
#2	2582.445	2692.509	69690.16	8758.007	3712.088
#3	2585.903	2680.762	69607.24	8131.675	3687.980

Sample Name: J3380-12 Acquired: 6/11/2018 16:16:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G62 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4592711	.0085590	1.986336	.0074370	.0118291	102.0190	1.301047
Stddev	.0295077	.0026701	.139470	.0049650	.0010854	.0653	.000312
%RSD	6.424904	31.19615	7.021490	66.76097	9.175457	.0639894	.0239656

#1	.4365641	.0103831	1.905555	.0039884	.0130812	101.9511	1.301174
#2	.4486245	.0097995	1.906070	.0131276	.0111560	102.0812	1.301274
#3	.4926245	.0054943	2.147382	.0051950	.0112500	102.0248	1.300691

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085529	.1961237	57.25105	.1314062	.1059191	.5757564	185.4731
Stddev	.0000689	.0139501	.03615	.0003458	.0085527	.0032197	.7669
%RSD	.8051418	7.112893	.0631387	.2631874	8.074743	.5592166	.4134776

#1	.0084854	.1882661	57.21133	.1312549	.1008035	.5722099	184.5914
#2	.0086231	.1878747	57.28202	.1311619	.1011610	.5765632	185.8432
#3	.0085503	.2122303	57.25980	.1318020	.1157927	.5784959	185.9848

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.810240	57.05980	.1352034	.0036389	1.166708	.3425890	2.798569
Stddev	.037869	.31165	.0089927	.0006519	.144358	.0068770	.005302
%RSD	.5560659	.5461879	6.651223	17.91464	12.37309	2.007363	.1894663

#1	6.799197	56.71528	.1299567	.0028945	1.332673	.3346639	2.797703
#2	6.779120	57.14202	.1300664	.0041077	1.097174	.3461182	2.804251
#3	6.852404	57.32211	.1455871	.0039147	1.070277	.3469849	2.793753

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	36.31653	.9263755	.1135760	.0064764	1.560658	4.866237	.0113799
Stddev	.09739	.0663615	.0039445	.0004881	.123066	.036252	.0011200
%RSD	.2681760	7.163566	3.473047	7.535776	7.885519	.7449672	9.841516

#1	36.22241	.8848571	.1158860	.0060867	1.483952	4.834779	.0108340
#2	36.31030	.8913582	.1090214	.0063187	1.495415	4.905883	.0126681
#3	36.41689	1.002911	.1158207	.0070238	1.702608	4.858049	.0106375

Sample Name: J3380-12 Acquired: 6/11/2018 16:16:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0G62 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.367446	.1427601	.2759689
Stddev	.005109	.0003470	.0005489
%RSD	.1169751	.2430275	.1988882

#1	4.363451	.1423673	.2760147
#2	4.373202	.1428881	.2753985
#3	4.365684	.1430249	.2764933

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2558.086	2594.979	68918.50	8753.951	3562.507
Stddev	9.419	124.445	270.85	21.202	205.809
%RSD	.3681892	4.795596	.3930029	.2421980	5.777082

#1	2556.718	2662.661	68612.64	8770.202	3679.879
#2	2568.114	2670.914	69127.97	8729.968	3682.778
#3	2549.426	2451.362	69014.90	8761.681	3324.865

Sample Name: J3380-13 Acquired: 6/11/2018 16:20:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G63 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6520502	.0051491	5.149885	.0123926	.0210292	114.9949	1.504569
Stddev	.0247610	.0013529	.209400	.0008246	.0019685	.0446	.003803
%RSD	3.797413	26.27479	4.066119	6.653675	9.360851	.0387990	.2527410

#1	.6400241	.0037943	5.018736	.0122410	.0193794	114.9833	1.500447
#2	.6805274	.0065001	5.391382	.0132824	.0232083	115.0442	1.505319
#3	.6355990	.0051529	5.039539	.0116543	.0205001	114.9572	1.507940

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101611	.1255050	51.19609	.1515605	.1342585	1.042355	239.6264
Stddev	.0001168	.0053392	.10429	.0005058	.0063528	.002944	.2608
%RSD	1.149993	4.254156	.2037163	.3337629	4.731774	.2823945	.1088276

#1	.0102801	.1221239	51.13536	.1513768	.1304585	1.039664	239.3457
#2	.0100466	.1316602	51.13639	.1511721	.1415925	1.041902	239.8612
#3	.0101566	.1227309	51.31652	.1521325	.1307245	1.045499	239.6722

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.59787	67.59072	.1570189	.0211872	1.521459	.4834057	5.062236
Stddev	.00373	.10438	.0063720	.0002032	.088670	.0036708	.054430
%RSD	.0351595	.1544324	4.058100	.9589702	5.827982	.7593596	1.075212

#1	10.59454	67.55906	.1527873	.0210045	1.455657	.4831064	5.031366
#2	10.60189	67.50583	.1643474	.0214060	1.486426	.4872169	5.125083
#3	10.59717	67.70727	.1539220	.0211511	1.622294	.4798937	5.030260

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	47.42687	1.314059	.1450596	.0095986	2.528891	6.745388	.0204353
Stddev	.07338	.046107	.0072456	.0000941	.089308	.061820	.0011453
%RSD	.1547304	3.508737	4.994923	.9807117	3.531499	.9164725	5.604561

#1	47.50044	1.290443	.1445521	.0095374	2.481289	6.743300	.0192838
#2	47.35367	1.367190	.1525456	.0097070	2.631916	6.684640	.0204477
#3	47.42650	1.284546	.1380811	.0095514	2.473468	6.808226	.0215743

Sample Name: J3380-13 Acquired: 6/11/2018 16:20:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0G63 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.490071	.1818128	.3809999
Stddev	.008293	.0007835	.0006664
%RSD	.1107179	.4309270	.1749183

#1	7.481387	.1809322	.3806931
#2	7.497907	.1820735	.3805421
#3	7.490920	.1824327	.3817645

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2693.170	2741.234	72549.27	9237.421	3573.183
Stddev	21.356	71.213	187.68	53.786	120.284
%RSD	.7929652	2.597857	.2586907	.5822611	3.366296

#1	2676.299	2784.367	72349.00	9190.310	3646.066
#2	2686.031	2659.038	72577.69	9296.024	3434.349
#3	2717.181	2780.299	72721.12	9225.928	3639.135

Sample Name: J3380-14 Acquired: 6/11/2018 16:24:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G64 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3025083	-.000698	1.486729	.0082595	.0109817	114.3042	1.304963
Stddev	.0185692	.002103	.092527	.0027622	.0003450	.3688	.001875
%RSD	6.138396	301.3731	6.223553	33.44259	3.141638	.3226691	.1437009

#1	.3225743	-.002221	1.593319	.0053232	.0112410	114.4402	1.306780
#2	.2990198	-.001574	1.427085	.0086489	.0111141	113.8867	1.305075
#3	.2859308	.001701	1.439784	.0108063	.0105901	114.5857	1.303034

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097842	.0476396	35.04779	.1486232	.1202340	.6661273	207.7786
Stddev	.0001455	.0035555	.09643	.0006404	.0085771	.0029512	1.6089
%RSD	1.487108	7.463421	.2751290	.4308900	7.133677	.4430436	.7743377

#1	.0096277	.0517440	35.15747	.1481572	.1301357	.6650120	208.0106
#2	.0098098	.0455021	34.97637	.1493534	.1150979	.6638963	206.0663
#3	.0099153	.0456727	35.00951	.1483588	.1154684	.6694737	209.2589

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.442028	56.13615	.1503474	-.001336	1.330170	.3954039	1.696072
Stddev	.014630	.34631	.0097402	.000240	.026958	.0024431	.034083
%RSD	.2270989	.6169193	6.478439	17.98878	2.026663	.6178712	2.009543

#1	6.458084	56.14984	.1615904	-.001613	1.317065	.3939274	1.730805
#2	6.429451	55.78320	.1444658	-.001185	1.312271	.3982239	1.662678
#3	6.438549	56.47542	.1449861	-.001209	1.361176	.3940604	1.694734

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	43.43078	.9817065	.1295129	.0059874	1.945495	7.766225	.0152668
Stddev	.24865	.0651266	.0074918	.0003318	.126385	.029455	.0009320
%RSD	.5725189	6.634014	5.784600	5.542239	6.496282	.3792658	6.105012

#1	43.52502	1.056811	.1349869	.0063474	2.091269	7.734667	.0142431
#2	43.14879	.940839	.1209747	.0056938	1.866649	7.771020	.0154911
#3	43.61854	.947470	.1325771	.0059210	1.878566	7.792988	.0160662

Sample Name: J3380-14 Acquired: 6/11/2018 16:24:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G64 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.733386	.1448764	.3396799
Stddev	.026067	.0004754	.0008132
%RSD	.4546461	.3281700	.2394138

#1	5.744514	.1451883	.3400327
#2	5.703603	.1443292	.3387498
#3	5.752043	.1451117	.3402571

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2651.495	2731.335	71621.97	9131.785	3618.376
Stddev	14.539	110.116	264.90	62.580	189.567
%RSD	.5483504	4.031580	.3698619	.6852951	5.239020

#1	2639.136	2604.184	71330.12	9126.650	3399.633
#2	2667.515	2795.218	71847.21	9196.774	3734.786
#3	2647.834	2794.601	71688.60	9071.931	3720.708

Sample Name: J3380-16 Acquired: 6/11/2018 16:28:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G15 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1486828	.0016092	2.379641	.0058708	.0083292	73.91041	1.084697
Stddev	.0036122	.0037719	.011435	.0028960	.0010590	.15212	.003443
%RSD	2.429493	234.4017	.4805483	49.32841	12.71466	.2058134	.3174607

#1	.1511111	.0029266	2.377417	.0025688	.0093305	74.05407	1.087155
#2	.1445317	.0045457	2.369481	.0070647	.0084366	73.75105	1.086174
#3	.1504057	-.002645	2.392025	.0079790	.0072206	73.92612	1.080761

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060333	.0711458	74.19783	.1133167	.0686973	.4779233	156.8890
Stddev	.0000668	.0004065	.11243	.0004302	.0006452	.0032110	.8215
%RSD	1.107463	.5714024	.1515254	.3796760	.9391840	.6718618	.5236040

#1	.0059563	.0709527	74.32750	.1133537	.0693932	.4814204	157.0924
#2	.0060670	.0708719	74.13846	.1128691	.0681190	.4751079	155.9850
#3	.0060765	.0716129	74.12753	.1137272	.0685797	.4772417	157.5897

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.738403	40.98877	.0793921	.0048647	1.499785	.3189296	1.977672
Stddev	.014808	.28293	.0006507	.0002229	.163986	.0075201	.026036
%RSD	.2580539	.6902618	.8195551	4.582427	10.93396	2.357929	1.316511

#1	5.755166	40.73922	.0789942	.0048285	1.580904	.3158837	2.007365
#2	5.727100	40.93096	.0790391	.0046621	1.607403	.3134103	1.966902
#3	5.732943	41.29615	.0801429	.0051035	1.311050	.3274949	1.958749

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.23449	.7888899	.1129914	.0062021	2.466383	5.934173	.0111950
Stddev	.07017	.0037987	.0005889	.0000893	.017414	.059257	.0015454
%RSD	.2674621	.4815273	.5212208	1.439219	.7060409	.9985720	13.80410

#1	26.23692	.7879283	.1136276	.0061672	2.480100	5.946555	.0129748
#2	26.16314	.7856644	.1128814	.0061355	2.446792	5.869703	.0101936
#3	26.30341	.7930771	.1124653	.0063035	2.472257	5.986260	.0104166

Sample Name: J3380-16 Acquired: 6/11/2018 16:28:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G15 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.131771	.0907048	.2609820
Stddev	.008792	.0009849	.0005832
%RSD	.2807385	1.085770	.2234764

#1	3.137067	.0914394	.2616547
#2	3.121622	.0895857	.2606729
#3	3.136625	.0910894	.2606183

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2482.137	2596.706	67304.75	8528.253	3744.804
Stddev	7.797	15.496	21.59	50.556	19.031
%RSD	.3141253	.5967517	.0320826	.5928043	.5081866

#1	2483.042	2603.074	67309.87	8534.399	3751.863
#2	2473.927	2608.003	67281.06	8575.455	3759.296
#3	2489.442	2579.040	67323.33	8474.905	3723.253

Sample Name: J3380-17 Acquired: 6/11/2018 16:32:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G16 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1490241	.0026600	1.042284	.0051222	.0057834	78.05736	.9072067
Stddev	.0020930	.0018846	.005708	.0025631	.0013479	.28707	.0026891
%RSD	1.404476	70.84981	.5476670	50.03985	23.30695	.3677728	.2964202

#1	.1479423	.0047674	1.035811	.0025365	.0068059	77.74477	.9043988
#2	.1476935	.0011364	1.044443	.0051679	.0062884	78.11811	.9097589
#3	.1514367	.0020761	1.046598	.0076622	.0042559	78.30919	.9074623

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063894	.0279520	36.12963	.1233774	.0717577	.3274897	162.5482
Stddev	.0000862	.0001705	.11846	.0039644	.0002598	.0007032	1.0156
%RSD	1.348997	.6100825	.3278642	3.213238	.3620876	.2147095	.6247958

#1	.0064535	.0280506	35.99454	.1275516	.0717019	.3266815	161.9414
#2	.0064232	.0280503	36.21573	.1229177	.0720409	.3279612	161.9825
#3	.0062914	.0277551	36.17862	.1196629	.0715303	.3278264	163.7207

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.168974	37.09441	.0919749	-.002348	1.775695	.3310803	1.292061
Stddev	.016488	.26467	.0011241	.000749	.061343	.0082170	.032198
%RSD	.3189780	.7135134	1.222187	31.90000	3.454618	2.481875	2.492004

#1	5.157583	37.00296	.0908888	-.002783	1.800046	.3329033	1.329185
#2	5.187880	36.88759	.0919024	-.002777	1.705914	.3221049	1.275258
#3	5.161457	37.39269	.0931335	-.001483	1.821123	.3382327	1.271741

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.94223	.6916253	.1107459	.0096703	3.002631	7.193436	.0095531
Stddev	.10995	.0043895	.0062299	.0003381	.008096	.053612	.0002784
%RSD	.4408115	.6346703	5.625425	3.496169	.2696218	.7452931	2.914571

#1	24.82974	.6871610	.1036011	.0092823	2.993770	7.252327	.0098216
#2	24.94749	.6959360	.1135926	.0099012	3.009641	7.180517	.0095720
#3	25.04945	.6917790	.1150439	.0098275	3.004482	7.147464	.0092657

Sample Name: J3380-17 Acquired: 6/11/2018 16:32:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G16 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.156601	.0909598	.2795803
Stddev	.014290	.0005737	.0000620
%RSD	.4527075	.6307535	.0221916

#1	3.144495	.0905762	.2795102
#2	3.152944	.0916194	.2796280
#3	3.172365	.0906839	.2796027

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2442.120	2625.343	65786.75	8515.715	3782.351
Stddev	61.143	11.761	1662.78	10.741	14.242
%RSD	2.503673	.4479660	2.527523	.1261358	.3765308

#1	2371.834	2638.900	63893.37	8524.451	3798.793
#2	2471.482	2617.878	66457.46	8518.971	3774.396
#3	2483.043	2619.252	67009.41	8503.722	3773.863

Sample Name: J3380-18 Acquired: 6/11/2018 16:36:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G17 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0670148	.0013247	.9618060	.0039025	.0051662	56.71394	.7752701
Stddev	.0036746	.0023619	.0171956	.0004330	.0008888	.19760	.0024994
%RSD	5.483251	178.3006	1.787847	11.09495	17.20402	.3484223	.3223926

#1	.0642694	.0038132	.9493231	.0039828	.0045409	56.53611	.7754513
#2	.0655857	-.000886	.9546751	.0034349	.0061836	56.67905	.7726850
#3	.0711892	.001047	.9814199	.0042896	.0047741	56.92667	.7776740

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044430	.0234688	62.29418	.0847061	.0724945	.3397642	129.5234
Stddev	.0000529	.0004922	.26943	.0008502	.0013216	.0013388	.8787
%RSD	1.191075	2.097119	.4325161	1.003750	1.823076	.3940505	.6784378

#1	.0043823	.0232198	62.27632	.0846717	.0716968	.3394780	128.6654
#2	.0044795	.0231509	62.03413	.0855731	.0717667	.3385916	129.4832
#3	.0044673	.0240357	62.57211	.0838736	.0740200	.3412230	130.4215

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.824640	42.41380	.0609545	.0002621	1.822276	.2614527	1.516440
Stddev	.018245	.31527	.0011558	.0003275	.107483	.0036522	.024885
%RSD	.4770403	.7433140	1.896195	124.9162	5.898302	1.396872	1.641002

#1	3.838309	42.07173	.0605321	.0005176	1.820552	.2578550	1.487715
#2	3.803922	42.47697	.0600694	.0003759	1.930611	.2613462	1.531444
#3	3.831690	42.69270	.0622622	-.000107	1.715665	.2651570	1.530160

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.80269	.9371646	.1016966	.0094258	4.549707	8.859457	.0100734
Stddev	.04247	.0127609	.0026453	.0001372	.057373	.033622	.0002462
%RSD	.1862460	1.361654	2.601153	1.455766	1.261027	.3794991	2.443843

#1	22.76392	.9308589	.0987226	.0094159	4.526033	8.893034	.0103470
#2	22.79607	.9287841	.1025801	.0095678	4.507960	8.825791	.0100032
#3	22.84808	.9518509	.1037870	.0092939	4.615129	8.859545	.0098699

Sample Name: J3380-18 Acquired: 6/11/2018 16:36:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0G17 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.285534	.0774020	.2985493
Stddev	.009776	.0007042	.0008433
%RSD	.2975482	.9097927	.2824717

#1	3.279627	.0775967	.2993832
#2	3.280157	.0779885	.2976969
#3	3.296818	.0766210	.2985678

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2425.487	2534.337	65803.68	8302.448	3785.133
Stddev	7.926	31.547	178.57	9.171	45.823
%RSD	.3267667	1.244776	.2713737	.1104555	1.210602

#1	2430.060	2557.074	65887.84	8312.924	3813.222
#2	2430.065	2547.617	65598.58	8295.870	3809.921
#3	2416.335	2498.322	65924.63	8298.551	3732.255

Sample Name: J3380-19 Acquired: 6/11/2018 16:40:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G18 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1105653	.0027965	1.356747	.0049626	.0064921	76.21580	1.096349
Stddev	.0030956	.0028630	.001271	.0028824	.0003614	.13372	.003136
%RSD	2.799778	102.3775	.0936644	58.08220	5.567475	.1754506	.2860574

#1	.1094431	-.000041	1.355354	.0061025	.0062972	76.35975	1.099444
#2	.1081873	.002747	1.357844	.0071007	.0062699	76.09545	1.096428
#3	.1140654	.005684	1.357041	.0016846	.0069092	76.19218	1.093174

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062597	.0313039	42.48939	.1090388	.0631899	.3583039	157.7304
Stddev	.0000582	.0001757	.07036	.0004595	.0004097	.0037856	.6503
%RSD	.9295401	.5613674	.1656033	.4213805	.6483189	1.056540	.4122904

#1	.0062026	.0312508	42.56878	.1091185	.0629580	.3555828	158.4510
#2	.0062575	.0315001	42.46464	.1085446	.0636629	.3567017	157.1873
#3	.0063189	.0311609	42.43475	.1094531	.0629487	.3626271	157.5528

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.850789	34.99809	.0738162	-.000754	1.207295	.3115374	1.601446
Stddev	.013486	.16062	.0001789	.000303	.075641	.0028031	.004705
%RSD	.2304986	.4589429	.2423986	40.15503	6.265360	.8997763	.2938075

#1	5.864546	34.95084	.0736209	-.001087	1.121651	.3090787	1.603160
#2	5.837591	34.86639	.0738553	-.000495	1.264964	.3109437	1.605053
#3	5.850231	35.17703	.0739723	-.000681	1.235269	.3145899	1.596124

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	36.74607	1.160249	.1251997	.0164108	3.494877	13.26724	.0113638
Stddev	.09569	.007354	.0045533	.0001779	.010615	.09501	.0008234
%RSD	.2604208	.6338382	3.636852	1.084084	.3037300	.7161274	7.246047

#1	36.69466	1.162444	.1290009	.0162122	3.505980	13.21186	.0104271
#2	36.68706	1.166256	.1264450	.0165556	3.493821	13.21291	.0119735
#3	36.85648	1.152048	.1201533	.0164646	3.484829	13.37695	.0116908

Sample Name: J3380-19 Acquired: 6/11/2018 16:40:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G18 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.710887	.0911520	.2925414
Stddev	.011362	.0008971	.0008925
%RSD	.3061810	.9841322	.3051016

#1	3.722843	.0914334	.2934920
#2	3.700231	.0901481	.2924111
#3	3.709586	.0918747	.2917212

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2487.670	2593.353	67192.02	8417.857	3783.711
Stddev	29.849	3.827	269.68	16.360	5.013
%RSD	1.199885	.1475776	.4013509	.1943522	.1324800

#1	2470.554	2596.526	66934.61	8420.518	3789.455
#2	2470.319	2594.430	67168.95	8432.723	3780.217
#3	2522.137	2589.103	67472.49	8400.329	3781.463

Sample Name: J3380-20 Acquired: 6/11/2018 16:44:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G19 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1765284	.0054550	2.409373	.0054528	.0108061	69.23177	1.010627
Stddev	.0015288	.0028228	.011505	.0020034	.0014726	.14586	.002817
%RSD	.8660503	51.74775	.4775168	36.74137	13.62707	.2106804	.2787575

#1	.1757005	.0069062	2.408816	.0056642	.0091184	69.06660	1.009802
#2	.1755920	.0022018	2.398157	.0033521	.0118293	69.34288	1.008315
#3	.1782926	.0072570	2.421147	.0073422	.0114706	69.28584	1.013765

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057627	.0838768	64.15342	.0944679	.0717693	.6453553	141.8578
Stddev	.0000812	.0001963	.16070	.0006683	.0003099	.0070327	.6683
%RSD	1.409246	.2340441	.2504961	.7074001	.4318468	1.089742	.4710874

#1	.0056982	.0839069	64.18462	.0951371	.0719404	.6517559	141.0863
#2	.0057360	.0836671	63.97941	.0944660	.0714116	.6378268	142.2555
#3	.0058539	.0840563	64.29624	.0938006	.0719560	.6464834	142.2317

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.775902	38.01492	.0756832	.0099087	1.142652	.2769468	3.298155
Stddev	.017210	.20261	.0002703	.0002527	.158896	.0009664	.037056
%RSD	.2539935	.5329643	.3572123	2.550710	13.90588	.3489573	1.123539

#1	6.795626	37.83833	.0757395	.0099400	.960979	.2771908	3.292315
#2	6.763934	38.23611	.0753891	.0101443	1.255716	.2758817	3.264365
#3	6.768147	37.97032	.0759209	.0096417	1.211261	.2777678	3.337784

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.61008	.9250567	.1356032	.0087602	4.906351	13.48759	.0140108
Stddev	.07651	.0027721	.0030805	.0001300	.020386	.10926	.0007001
%RSD	.2420391	.2996718	2.271703	1.483879	.4154946	.8100854	4.996834

#1	31.56624	.9278190	.1322604	.0086690	4.907571	13.47946	.0143198
#2	31.56559	.9222748	.1362218	.0087024	4.885383	13.60069	.0132093
#3	31.69843	.9250764	.1383275	.0089090	4.926099	13.38262	.0145032

Sample Name: J3380-20 Acquired: 6/11/2018 16:44:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0G19 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.914385	.0856839	.4094239
Stddev	.006354	.0013650	.0006127
%RSD	.1623269	1.593094	.1496538

#1	3.907414	.0850947	.4100059
#2	3.919852	.0847124	.4087845
#3	3.915890	.0872445	.4094814

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2496.111	2611.207	67316.44	8498.571	3809.715
Stddev	13.357	8.592	80.62	6.414	10.164
%RSD	.5350928	.3290573	.1197678	.0754750	.2667857

#1	2492.896	2601.477	67335.34	8500.998	3800.077
#2	2510.782	2617.753	67385.93	8491.298	3820.334
#3	2484.656	2614.391	67228.04	8503.418	3808.735

Sample Name: CCV014 Acquired: 6/11/2018 16:48:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV014 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.880346	4.811612	24.06013	4.818756	4.869533	397.1631	9.951629
Stddev	.026289	.011427	.01523	.013304	.011346	1.5156	.033707
%RSD	.5386630	.2374855	.0633166	.2760954	.2329904	.3816130	.3387067

#1	4.882201	4.824493	24.05614	4.830236	4.858916	398.6904	9.988005
#2	4.853179	4.802697	24.04730	4.804175	4.868194	395.6594	9.921453
#3	4.905658	4.807645	24.07697	4.821857	4.881488	397.1394	9.945427

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4950049	2.422419	397.5275	14.96175	2.435745	14.81211	402.4688
Stddev	.0025586	.003096	.7850	.05882	.001508	.07492	1.6213
%RSD	.5168816	.1277855	.1974689	.3931570	.0618922	.5057726	.4028449

#1	.4953678	2.422713	398.3482	14.99440	2.435222	14.85497	402.4301
#2	.4973627	2.419186	396.7840	14.99701	2.437444	14.72561	400.8672
#3	.4922842	2.425356	397.4503	14.89385	2.434569	14.85576	404.1091

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.56403	399.6760	2.430530	1.201978	392.8915	2.439453	14.81873
Stddev	.03944	1.2517	.003468	.002806	1.0801	.015275	.14246
%RSD	.2708186	.3131689	.1426872	.2334825	.2749133	.6261817	.9613227

#1	14.59995	399.7595	2.427106	1.203866	394.1102	2.455621	14.88017
#2	14.52182	398.3847	2.434041	1.198753	392.0528	2.425262	14.65587
#3	14.57033	400.8839	2.430442	1.203316	392.5113	2.437477	14.92016

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	150.0303	5.128835	4.975090	4.760131	4.979145	4.839717	4.826187
Stddev	.7675	.019127	.020686	.015687	.035446	.027515	.010994
%RSD	.5115539	.3729228	.4157897	.3295419	.7118818	.5685333	.2278074

#1	150.8584	5.148329	4.975330	4.758726	5.014279	4.832431	4.838051
#2	149.3430	5.128079	4.995655	4.745195	4.943396	4.870141	4.824168
#3	149.8894	5.110098	4.954285	4.776473	4.979759	4.816577	4.816342

Sample Name: CCV014 Acquired: 6/11/2018 16:48:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV014 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.898227	4.971977	4.973124
Stddev	.026621	.019569	.044322
%RSD	.5434870	.3935781	.8912286

#1	4.928446	4.994556	5.024154
#2	4.878242	4.959920	4.950978
#3	4.887992	4.961456	4.944239

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1944.467	2004.070	54388.55	7159.891	3043.364
Stddev	17.039	5.874	164.31	7.527	5.184
%RSD	.8762718	.2931104	.3021108	.1051338	.1703542

#1	1932.692	2001.185	54274.88	7151.387	3037.623
#2	1964.005	2010.828	54576.95	7162.585	3044.762
#3	1936.703	2000.195	54313.82	7165.700	3047.706

Sample Name: CCB014 Acquired: 6/11/2018 16:52:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB014 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001994	.0003984	-.001137	-.001513	-.000357	-.002887	-.000843
Stddev	.004050	.0014531	.001337	.003389	.000216	.001750	.000479
%RSD	203.0923	364.7351	117.5632	223.9983	60.31739	60.62491	56.82012

#1	.000586	-.000097	.000406	-.003187	-.000151	-.001159	-.000291
#2	.000093	-.000742	-.001888	.002387	-.000340	-.002843	-.001141
#3	-.006662	.002034	-.001929	-.003739	-.000581	-.004659	-.001099

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000213	-.000088	-.006522	.0004238	.0000519	.0022991	-.004369
Stddev	.0000313	.000111	.007171	.0003520	.0002651	.0010870	.003915
%RSD	147.1644	125.6263	109.9562	83.05465	510.8235	47.27832	89.61119

#1	.0000574	.000015	-.014072	.0002895	.0000517	.0035533	.000141
#2	.0000018	-.000074	-.005689	.0001588	.0003171	.0017131	-.006892
#3	.0000046	-.000205	.000197	.0008232	-.000213	.0016309	-.006356

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000019	-.020813	.0000584	.0003061	.0966829	.0040532	-.004137
Stddev	.000136	.011618	.0004305	.0000944	.0843743	.0044112	.004127
%RSD	708.5254	55.82299	736.7743	30.84338	87.26918	108.8335	99.75293

#1	.000138	-.022689	-.000058	.0002440	.1929607	.0090738	-.000237
#2	-.000105	-.008371	-.000302	.0002596	.0356228	.0007989	-.008459
#3	-.000091	-.031380	.000535	.0004147	.0614650	.0022867	-.003717

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009750	.0001090	.0037724	-.000196	-.070001	.0009422	-.000345
Stddev	.086114	.0001533	.0009801	.000102	.004261	.0008715	.000274
%RSD	883.2158	140.7304	25.98206	52.24463	6.087648	92.49047	79.33997

#1	.035874	.0000043	.0044035	-.000095	-.068359	.0018328	-.000634
#2	.043952	.0002850	.0026432	-.000299	-.074838	.0009027	-.000089
#3	-.109076	.0000376	.0042704	-.000193	-.066804	.0000912	-.000314

Sample Name: CCB014 Acquired: 6/11/2018 16:52:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB014 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001048	.0019224	-.000028
Stddev	.0004629	.0011332	.000050
%RSD	441.7993	58.94332	179.4198

#1	.0005636	.0007698	-.000029
#2	-.000362	.0030351	-.000078
#3	.000113	.0019624	.000023

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2275.519	2413.226	61085.64	7521.392	4072.604
Stddev	43.406	16.391	1112.02	33.750	28.375
%RSD	1.907521	.6792303	1.820436	.4487203	.6967312

#1	2288.924	2394.942	61624.68	7535.825	4042.059
#2	2310.641	2426.605	61825.41	7482.825	4098.143
#3	2226.991	2418.131	59806.82	7545.525	4077.610

Sample Name: J3380-21 Acquired: 6/11/2018 16:56:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G21 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1077167	-.000551	.4544199	.0045670	.0028444	56.67247	.7275808
Stddev	.0012844	.001643	.0013243	.0030387	.0011398	3.44542	.0429902
%RSD	1.192386	298.1933	.2914334	66.53655	40.07297	6.079530	5.908646

#1	.1088582	-.002288	.4558180	.0051198	.0040706	54.69175	.7040902
#2	.1079660	-.000344	.4531843	.0072913	.0026453	60.65088	.7771983
#3	.1063260	.000979	.4542574	.0012898	.0018172	54.67477	.7014541

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050014	.0102437	39.20898	.0855203	.0478095	.2316939	130.0581
Stddev	.0002013	.0004204	2.49730	.0009058	.0003811	.0159965	7.7175
%RSD	4.024148	4.104413	6.369201	1.059214	.7971427	6.904150	5.933893

#1	.0048336	.0105057	37.70383	.0855984	.0481582	.2234953	125.6357
#2	.0052245	.0097587	42.09167	.0845779	.0474027	.2501276	138.9694
#3	.0049459	.0104666	37.83145	.0863845	.0478675	.2214588	125.5691

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.513309	28.24608	.0595158	-.001893	1.923177	.2672610	.8802152
Stddev	.224511	1.67763	.0002977	.000600	.251837	.0104452	.0056805
%RSD	6.390306	5.939344	.5002749	31.72687	13.09484	3.908250	.6453539

#1	3.378206	27.32119	.0593941	-.002230	1.632591	.2647540	.8792500
#2	3.772473	30.18260	.0592981	-.001199	2.058892	.2787317	.8863165
#3	3.389247	27.23446	.0598551	-.002249	2.078047	.2582975	.8750791

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.19509	.9000544	.0894264	.0116926	1.498380	9.476985	.0077583
Stddev	1.29049	.0023352	.0086367	.0001447	.007397	.547574	.0004391
%RSD	6.390133	.2594519	9.657865	1.237264	.4936634	5.777935	5.659629

#1	19.47275	.9027173	.0910423	.0117974	1.496998	9.108049	.0079763
#2	21.68499	.8983556	.0971409	.0117529	1.491772	10.10615	.0072529
#3	19.42752	.8990904	.0800959	.0115276	1.506371	9.21676	.0080459

Sample Name: J3380-21 Acquired: 6/11/2018 16:56:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G21 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.710321	.0676124	.1979648
Stddev	.160933	.0049100	.0120262
%RSD	5.937780	7.261971	6.074923

#1	2.614158	.0652092	.1912120
#2	2.896112	.0732611	.2118498
#3	2.620693	.0643670	.1908326

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2530.007	2622.495	67911.33	8241.999	3887.017
Stddev	5.118	3.503	68.04	432.706	8.587
%RSD	.2023050	.1335857	.1001844	5.250018	.2209021

#1	2531.431	2621.034	67834.40	8506.382	3880.345
#2	2534.263	2626.492	67936.03	7742.641	3896.705
#3	2524.328	2619.958	67963.57	8476.974	3884.002

Sample Name: J3380-22 Acquired: 6/11/2018 17:00:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G22 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0774809	.0027023	.6262102	.0059527	.0038002	76.69020	1.178236
Stddev	.0041199	.0017371	.0018636	.0013127	.0001275	.36478	.001270
%RSD	5.317277	64.28426	.2975966	22.05213	3.355710	.4756584	.1078027

#1	.0797038	.0007119	.6245809	.0074225	.0038516	76.39617	1.177343
#2	.0800118	.0034820	.6282422	.0048970	.0036550	76.57601	1.177676
#3	.0727269	.0039130	.6258074	.0055385	.0038940	77.09842	1.179690

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063390	.0162769	43.24970	.1095055	.0581938	.2759915	152.8428
Stddev	.0000935	.0000862	.13692	.0009824	.0002029	.0014301	1.1880
%RSD	1.474827	.5294786	.3165720	.8971732	.3486688	.5181553	.7772844

#1	.0062350	.0163026	43.10591	.1088344	.0583527	.2748186	152.0955
#2	.0063657	.0163473	43.37851	.1106331	.0579653	.2755712	152.2201
#3	.0064162	.0161808	43.26470	.1090489	.0582635	.2775846	154.2127

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.272401	33.76044	.0733488	.0009078	1.679125	.3037501	1.035364
Stddev	.022532	.18765	.0007069	.0007881	.112297	.0052360	.012973
%RSD	.5273779	.5558294	.9637587	86.81426	6.687847	1.723803	1.252960

#1	4.246552	33.75720	.0726200	.0000169	1.785025	.3001089	1.038546
#2	4.282769	33.57443	.0733948	.0015140	1.690979	.3013908	1.021097
#3	4.287883	33.94969	.0740315	.0011925	1.561371	.3097507	1.046450

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.30711	.7537450	.1326518	.0110345	4.056992	10.51376	.0097444
Stddev	.12264	.0059502	.0055359	.0002712	.032099	.15805	.0005198
%RSD	.4491155	.7894234	4.173244	2.457496	.7911895	1.503264	5.334658

#1	27.18821	.7500490	.1362737	.0113335	4.050418	10.33726	.0092882
#2	27.29994	.7505770	.1262794	.0109655	4.028690	10.64221	.0096346
#3	27.43318	.7606089	.1354024	.0108045	4.091869	10.56181	.0103103

Sample Name: J3380-22 Acquired: 6/11/2018 17:00:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G22 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.309879	.0881781	.4041222
Stddev	.011236	.0009036	.0012761
%RSD	.3394630	1.024786	.3157728

#1	3.299033	.0873058	.4027423
#2	3.309135	.0891101	.4043647
#3	3.321468	.0881185	.4052597

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2490.771	2598.398	67345.00	8481.886	3791.312
Stddev	8.855	7.776	48.40	64.565	9.072
%RSD	.3555290	.2992709	.0718737	.7612087	.2392722

#1	2483.292	2600.000	67289.34	8556.424	3789.277
#2	2500.549	2605.248	67377.17	8445.890	3801.228
#3	2488.471	2589.945	67368.50	8443.343	3783.430

Sample Name: PB110118BL Acquired: 6/11/2018 17:04:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) 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	.0003944	-.000712	-.001031	-.000588	.0001006	-.000121	-.000490
Stddev	.0033302	.002114	.000933	.001183	.0011013	.005031	.000066
%RSD	844.2865	296.9085	90.50654	201.2304	1094.870	4172.163	13.51712

#1	-.003109	-.003150	.000046	-.001953	.0011223	.003465	-.000427
#2	.000772	.000623	-.001590	.000061	.0002453	-.005872	-.000483
#3	.003520	.000391	-.001550	.000129	-.001066	.002045	-.000559

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000121	-.000015	-.011918	.0000732	-.000079	.0009454	-.014221
Stddev	.0000387	.000023	.010912	.0004237	.000235	.0013913	.010510
%RSD	320.4305	153.5743	91.56093	578.4835	297.2203	147.1663	73.90042

#1	.0000316	-.000004	-.015971	.0000557	-.000075	-.000496	-.004495
#2	.0000372	.000000	-.020223	.0005054	-.000317	.001052	-.012800
#3	-.000033	-.000041	.000441	-.000341	.000154	.002280	-.025370

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000178	-.019273	-.000095	.0006607	.0575434	.0031893	-.002163
Stddev	.000673	.029653	.000022	.0002848	.0199526	.0027068	.003245
%RSD	378.6453	153.8564	23.19778	43.10427	34.67407	84.87005	150.0405

#1	.000330	-.053269	-.000074	.0004052	.0349028	.0002233	-.005570
#2	-.000941	-.005814	-.000092	.0006092	.0651674	.0038188	.000891
#3	.000078	.001263	-.000118	.0009677	.0725598	.0055259	-.001809

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.047407	-.000040	-.001060	-.000161	-.070020	.0000662	-.000183
Stddev	.016157	.000082	.000764	.000119	.000798	.0004639	.001345
%RSD	34.08161	205.5150	72.04763	73.69023	1.139160	701.0588	736.0039

#1	-.065920	.000045	-.000391	-.000163	-.069328	.0004451	-.001097
#2	-.040152	-.000119	-.000897	-.000042	-.069840	.0002046	-.000812
#3	-.036149	-.000047	-.001892	-.000279	-.070892	-.000451	.001361

Sample Name: PB110118BL Acquired: 6/11/2018 17:04:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) 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	-.000878	-.000456	-.000118
Stddev	.001380	.001207	.000028
%RSD	157.2536	264.5238	23.78057

#1	.000615	-.001735	-.000087
#2	-.001142	-.000296	-.000124
#3	-.002106	.000662	-.000142

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2318.122	2403.667	62125.89	7667.942	4025.875
Stddev	23.640	29.729	584.88	11.702	50.904
%RSD	1.019785	1.236839	.9414404	.1526127	1.264425

#1	2290.975	2372.912	61462.07	7671.400	3970.946
#2	2334.175	2405.836	62565.48	7677.525	4035.221
#3	2329.215	2432.252	62350.11	7654.900	4071.459

Sample Name: PB110118BS Acquired: 6/11/2018 17:08:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) 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	.0154306	.0475482	.0175749	.0640305	.1137678	.3690691
Stddev	.0064741	.0013684	.0012913	.0014143	.0012231	.0063390
%RSD	41.95648	2.877886	7.347578	2.208845	1.075077	1.717550

#1	.0087384	.0465917	.0188823	.0631281	.1135480	.3763670
#2	.0158913	.0491156	.0163002	.0633028	.1150859	.3649328
#3	.0216620	.0469373	.0175423	.0656605	.1126696	.3659075

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3850811	.0095785	.0094712	9.693605	.0212646	.0926800
Stddev	.0013532	.0000725	.0001233	.053977	.0008071	.0006721
%RSD	.3513990	.7566066	1.302158	.5568281	3.795553	.7251495

#1	.3859830	.0096353	.0096135	9.675147	.0204648	.0926890
#2	.3835251	.0094968	.0093961	9.651278	.0220788	.0920035
#3	.3857351	.0096032	.0094039	9.754389	.0212503	.0933476

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0515897	.2068918	.0308544	9.117093	.0776581	.0185820
Stddev	.0014492	.0196239	.0010569	.147804	.0006725	.0003312
%RSD	2.809090	9.485107	3.425341	1.621180	.8659265	1.782104

#1	.0507008	.1989565	.0305963	9.067778	.0783469	.0183602
#2	.0508064	.1924783	.0320164	9.000251	.0776243	.0184232
#3	.0532620	.2292408	.0299504	9.283251	.0770032	.0189626

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.380151	.1015464	.1139435	9.121730	F .0042252	F .0184235
Stddev	.135038	.0025174	.0075519	.042167	.0001286	.0001029
%RSD	1.439615	2.479098	6.627751	.4622736	3.044287	.5587004

#1	9.521198	.1019367	.1199724	9.080298	.0042395	.0183087
#2	9.367201	.0988566	.1054728	9.164596	.0040900	.0184545
#3	9.252055	.1038459	.1163853	9.120295	.0043460	.0185075

Sample Name: PB110118BS Acquired: 6/11/2018 17:08:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) 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	.0189980	.0987732	.1865781	F .0133401	.1945853	.0905354
Stddev	.0001347	.0054913	.0017185	.0011069	.0024993	.0014667
%RSD	.7088172	5.559481	.9210442	8.297705	1.284423	1.620026

#1	.0189259	.0933093	.1884752	.0127949	.1936393	.0904062
#2	.0191533	.0987187	.1851256	.0146139	.1926971	.0891375
#3	.0189147	.1042915	.1861336	.0126116	.1974195	.0920624

Elem	Sr4077
Units	ppm
Avg	.1940230
Stddev	.0003378
%RSD	.1740848

#1	.1941187
#2	.1936477
#3	.1943025

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2280.688	2404.618	60875.44	7498.991	3995.150
Stddev	13.515	3.451	185.52	21.974	10.596
%RSD	.5926032	.1435185	.3047497	.2930241	.2652119

#1	2295.033	2401.140	61077.92	7490.488	3983.375
#2	2268.192	2404.671	60713.64	7523.945	4003.916
#3	2278.840	2408.042	60834.75	7482.538	3998.158

Sample Name: PB110121BL Acquired: 6/11/2018 17:13:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) 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	-.000305	.0008598	-.000774	-.001441	-.000389	-.002001	-.000354
Stddev	.001007	.0006902	.000542	.000891	.001881	.005904	.000395
%RSD	330.1700	80.27141	70.01445	61.82881	483.1415	295.0099	111.3861

#1	-.000418	.0002358	-.000371	-.002045	-.000509	.000186	-.000340
#2	-.001251	.0016011	-.000562	-.001859	-.002207	.002497	.000033
#3	.000754	.0007426	-.001391	-.000418	.001549	-.008687	-.000756

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000212	-.000052	-.017175	.0003695	.0002365	.0012714	-.007712
Stddev	.0000722	.000022	.010249	.0003625	.0003011	.0005896	.008036
%RSD	339.8143	42.74169	59.67577	98.10684	127.3292	46.37240	104.1988

#1	.0000807	-.000077	-.006871	.0000874	-.000050	.0011452	.001304
#2	-.000059	-.000036	-.017285	.0007784	.000209	.0007551	-.014118
#3	.000042	-.000042	-.027369	.0002427	.000550	.0019138	-.010322

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000411	-.003028	-.000103	.0002269	.0204151	.0011878	.0036183
Stddev	.000820	.055992	.000038	.0002260	.0900299	.0029596	.0109305
%RSD	199.3281	1849.156	36.83357	99.59113	440.9977	249.1651	302.0856

#1	.000174	-.047215	-.000110	-.000034	.0715117	-.000365	.0154627
#2	-.001349	-.021809	-.000136	.000371	.0732711	.004601	-.006080
#3	-.000059	.059941	-.000061	.000343	-.083538	-.000672	.001472

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.022851	-.000098	-.002039	-.000330	-.068564	-.000491	-.000444
Stddev	.024416	.000198	.001469	.000328	.005230	.000424	.000303
%RSD	106.8485	202.7445	72.05013	99.46614	7.627429	86.37042	68.33360

#1	-.051020	.000013	-.002829	-.000172	-.071120	-.000004	-.000316
#2	-.009789	.000020	-.000344	-.000707	-.062548	-.000688	-.000225
#3	-.007745	-.000326	-.002944	-.000110	-.072025	-.000782	-.000790

Sample Name: PB110121BL Acquired: 6/11/2018 17:13:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) 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	.0002289	-.000546	-.000061
Stddev	.0007132	.000470	.000029
%RSD	311.5283	86.09471	46.80909

#1	-.000566	-.000061	-.000028
#2	.000814	-.001000	-.000077
#3	.000439	-.000578	-.000078

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2319.015	2438.180	61931.38	7555.050	4077.465
Stddev	10.934	.995	266.62	11.913	1.919
%RSD	.4714988	.0407916	.4305101	.1576825	.0470608

#1	2321.439	2437.041	61964.77	7566.900	4078.682
#2	2328.534	2438.618	62179.73	7555.175	4078.459
#3	2307.072	2438.880	61649.63	7543.075	4075.253

Sample Name: PB110121BS Acquired: 6/11/2018 17:17:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) 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	.0155309	.0476862	.0166426	.0628995	.1103203	.3609101
Stddev	.0017082	.0026063	.0010645	.0014544	.0004163	.0050484
%RSD	10.99881	5.465580	6.396250	2.312294	.3773775	1.398795

#1	.0166103	.0483187	.0168015	.0643034	.1105617	.3651416
#2	.0135614	.0499182	.0155076	.0613993	.1098396	.3622668
#3	.0164209	.0448219	.0176188	.0629959	.1105597	.3553220

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3777730	.0094860	.0092914	9.516500	.0205694	.0903079
Stddev	.0018089	.0001245	.0000581	.006927	.0002609	.0003807
%RSD	.4788416	1.312717	.6258921	.0727925	1.268402	.4215946

#1	.3789275	.0095072	.0093537	9.518899	.0207239	.0902200
#2	.3756882	.0093522	.0092385	9.508692	.0202681	.0907249
#3	.3787031	.0095985	.0092821	9.521909	.0207160	.0899788

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0490584	.1970878	.0308143	8.947194	.0758634	.0184144
Stddev	.0009735	.0117088	.0005054	.147879	.0000387	.0003393
%RSD	1.984441	5.940924	1.640245	1.652800	.0509875	1.842364

#1	.0499598	.2088865	.0310528	8.804672	.0758806	.0181195
#2	.0491895	.1969060	.0302337	9.099904	.0758190	.0183385
#3	.0480260	.1854710	.0311562	8.937005	.0758904	.0187852

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.105486	.1018757	.1090556	8.879744	F .0042866	F .0172051
Stddev	.101865	.0024675	.0044422	.089332	.0003906	.0006404
%RSD	1.118725	2.422108	4.073313	1.006020	9.111940	3.721924

#1	9.218724	.1011715	.1063995	8.788061	.0040314	.0175645
#2	9.021310	.1046188	.1141839	8.966523	.0040922	.0175851
#3	9.076422	.0998369	.1065834	8.884648	.0047362	.0164658

Sample Name: PB110121BS Acquired: 6/11/2018 17:17:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) 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	.0188158	.0892894	.1808811	F .0119634	.1914590	.0884323
Stddev	.0004333	.0029057	.0015734	.0011631	.0023769	.0011548
%RSD	2.302909	3.254288	.8698493	9.722341	1.241477	1.305802

#1	.0190698	.0864422	.1798713	.0106499	.1895010	.0878594
#2	.0190620	.0891757	.1826940	.0128629	.1941037	.0897615
#3	.0183154	.0922503	.1800781	.0123774	.1907724	.0876761

Elem	Sr4077
Units	ppm
Avg	.1904318
Stddev	.0001788
%RSD	.0938777

#1	.1905488
#2	.1905206
#3	.1902260

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2321.600	2426.231	61780.51	7588.301	4047.946
Stddev	7.637	4.893	83.16	66.018	1.396
%RSD	.3289455	.2016632	.1346048	.8699990	.0344773

#1	2312.887	2426.852	61850.54	7532.420	4049.332
#2	2327.136	2430.783	61802.41	7571.336	4047.965
#3	2324.775	2421.057	61688.60	7661.145	4046.541

Sample Name: J3384-14 Acquired: 6/11/2018 17:21:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GL6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024636	.0011156	-.001463	-.001736	-.002981	-.004359	.0014221
Stddev	.0013474	.0005068	.000801	.002518	.001172	.007770	.0006101
%RSD	54.69399	45.42821	54.75878	145.0762	39.31996	178.2545	42.89950

#1	.0040037	.0016216	-.001341	-.001713	-.002394	-.013296	.0007201
#2	.0015018	.0011171	-.002318	-.004266	-.002219	.000788	.0017224
#3	.0018853	.0006081	-.000730	.000771	-.004331	-.000568	.0018237

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000613	-.000187	-.021145	-.000062	.0001702	-.000478	.0025229
Stddev	.0000471	.000034	.003842	.000200	.0002131	.001888	.0143542
%RSD	76.90505	18.02793	18.16979	323.1795	125.2050	394.7940	568.9605

#1	.0000079	-.000148	-.017346	-.000035	.0004098	-.000982	.0172144
#2	.0000972	-.000209	-.025028	-.000273	.0000020	-.002063	.0018227
#3	.0000788	-.000204	-.021061	.000123	.0000987	.001611	-.011468

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000180	-.031741	.0007077	-.000105	.4349972	.0050691	.0056634
Stddev	.000684	.005076	.0002592	.000481	.1076068	.0008893	.0090624
%RSD	380.7840	15.99331	36.63198	458.5924	24.73734	17.54302	160.0165

#1	-.000219	-.034605	.0004116	-.000050	.4463547	.0043068	-.004800
#2	.000524	-.034738	.0008936	.000346	.5364748	.0060460	.010781
#3	-.000843	-.025880	.0008180	-.000610	.3221622	.0048544	.011010

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.913772	-.000262	-.002858	-.000136	-.052619	.0086333	-.002030
Stddev	.029314	.000183	.001363	.000026	.001163	.0014077	.000982
%RSD	3.208033	69.90785	47.68465	19.28294	2.210391	16.30606	48.37922

#1	-.945994	-.000474	-.001381	-.000166	-.053739	.0093210	-.001114
#2	-.906640	-.000167	-.003125	-.000117	-.052699	.0070139	-.001909
#3	-.888682	-.000146	-.004067	-.000125	-.051417	.0095649	-.003067

Sample Name: J3384-14 Acquired: 6/11/2018 17:21:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GL6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000683	-.002727	-.000073
Stddev	.000863	.000985	.000066
%RSD	126.3519	36.13771	90.44792

#1	.000269	-.002245	-.000002
#2	-.001413	-.003860	-.000085
#3	-.000905	-.002075	-.000131

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2421.957	2648.178	63024.01	8018.825	4459.324
Stddev	180.943	14.520	4626.35	92.350	22.202
%RSD	7.470955	.5483113	7.340617	1.151661	.4978790

#1	2213.147	2663.116	57685.19	7982.575	4478.766
#2	2532.626	2647.303	65532.70	8123.800	4464.074
#3	2520.099	2634.115	65854.15	7950.100	4435.131

Sample Name: J3388-07 Acquired: 6/11/2018 17:25:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GN6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000222	.0011056	-.000794	-.000961	-.002218	.0018051	.0007055
Stddev	.002542	.0012260	.000740	.002361	.000937	.0044304	.0002046
%RSD	1145.458	110.8893	93.16470	245.5653	42.24636	245.4304	28.99847

#1	.000922	.0007672	-.001639	.001749	-.001143	-.002378	.0009409
#2	.001547	.0000844	-.000483	-.002566	-.002651	.006447	.0005712
#3	-.003135	.0024653	-.000260	-.002067	-.002859	.001346	.0006043

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000688	-.000164	-.011580	-.000173	.0000538	.0022538	-.019669
Stddev	.0000544	.000010	.014188	.000131	.0001735	.0018818	.008978
%RSD	79.02115	6.103520	122.5173	75.61435	322.4526	83.49408	45.64623

#1	.0000191	-.000165	-.026544	-.000286	.0002507	.0004657	-.009419
#2	.0000604	-.000153	.001677	-.000203	-.000077	.0042170	-.023451
#3	.0001269	-.000173	-.009873	-.000030	-.000013	.0020787	-.026138

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002419	.0068101	.0001984	.0001585	.4599131	.0033129	.0018030
Stddev	.0005631	.0183024	.0002649	.0003794	.0603044	.0011269	.0048679
%RSD	232.7755	268.7544	133.5237	239.3005	13.11212	34.01415	269.9922

#1	-.000323	-.008594	.0001955	-.000264	.4368317	.0021622	.0074146
#2	.000245	.027043	.0004648	.000471	.5283489	.0033622	-.001285
#3	.000804	.001981	-.000065	.000268	.4145587	.0044143	-.000721

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.900853	-.000132	-.002049	-.000175	-.052865	.0063674	-.001468
Stddev	.025929	.000217	.001117	.000170	.001651	.0004596	.000400
%RSD	2.878234	164.4446	54.51964	96.82922	3.122310	7.218498	27.21201

#1	-.918418	.000085	-.001665	-.000103	-.052564	.0068486	-.001876
#2	-.913067	-.000132	-.001174	-.000054	-.054645	.0063207	-.001452
#3	-.871073	-.000350	-.003307	-.000369	-.051386	.0059329	-.001077

Sample Name: J3388-07 Acquired: 6/11/2018 17:25:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GN6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000014	-.002498	-.000082
Stddev	.001379	.000257	.000058
%RSD	9979.083	10.27689	70.44241

#1	.000100	-.002274	-.000144
#2	-.001446	-.002778	-.000075
#3	.001304	-.002442	-.000028

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2502.764	2595.722	65671.11	7985.183	4386.486
Stddev	5.772	16.781	139.76	170.231	33.688
%RSD	.2306367	.6464878	.2128152	2.131834	.7679929

#1	2503.765	2604.144	65815.53	7817.525	4408.650
#2	2496.556	2576.398	65536.53	8157.875	4347.719
#3	2507.970	2606.624	65661.26	7980.150	4403.087

Sample Name: J3388-08 Acquired: 6/11/2018 17:29:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GN7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001459	.0000940	-.000479	-.001280	-.002023	-.002597	-.000172
Stddev	.002639	.0013117	.001475	.000910	.000789	.007196	.000339
%RSD	180.8083	1395.314	307.8937	71.09234	38.98704	277.0526	197.0503

#1	.001584	.0002940	.000543	-.001451	-.001450	-.010555	-.000561
#2	-.002857	-.001306	-.002170	-.000297	-.002923	.003452	.000057
#3	-.003105	.001294	.000189	-.002093	-.001697	-.000689	-.000012

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000881	-.000111	-.010745	-.000084	.0000737	.0005844	-.011809
Stddev	.0000587	.000026	.003935	.000226	.0001889	.0020332	.018061
%RSD	66.69911	23.34044	36.61759	269.0307	256.1934	347.9241	152.9427

#1	.0000215	-.000120	-.014991	.000129	.0001318	.0024318	-.021795
#2	.0001102	-.000082	-.007222	-.000061	.0002267	-.001594	.009040
#3	.0001325	-.000131	-.010023	-.000320	-.000137	.000915	-.022673

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000039	.0061275	.0004475	-.000037	.4170864	.0014851	.0011502
Stddev	.001182	.0064609	.0003014	.000441	.1454411	.0013199	.0023863
%RSD	3038.232	105.4404	67.34944	1193.403	34.87074	88.87360	207.4629

#1	.000520	.0085265	.0007138	-.000492	.2827886	.0007443	-.000970
#2	-.001396	.0110457	.0001204	.000388	.3969072	.0007021	.000687
#3	.000759	-.001190	.0005082	-.000007	.5715634	.0030090	.003734

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.924209	-.000433	-.002996	-.000141	-.074804	.0120574	-.000761
Stddev	.036787	.000395	.000160	.000150	.004630	.0006023	.001002
%RSD	3.980323	91.37960	5.352928	106.5431	6.189890	4.994955	131.6176

#1	-.937822	-.000386	-.002991	-.000089	-.074529	.0120706	.000125
#2	-.882556	-.000849	-.003159	-.000310	-.070317	.0126530	-.000561
#3	-.952249	-.000062	-.002838	-.000024	-.079565	.0114487	-.001848

Sample Name: J3388-08 Acquired: 6/11/2018 17:29:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GN7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000000	-.002094	-.000048
Stddev	.000980	.000321	.000048
%RSD	1579039.	15.30931	100.0744

#1	-.000850	-.002156	.000001
#2	.001073	-.002380	-.000096
#3	-.000223	-.001747	-.000050

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2500.999	2566.729	65953.66	8041.608	4344.080
Stddev	2.608	8.700	32.08	34.341	15.532
%RSD	.1042911	.3389480	.0486346	.4270403	.3575471

#1	2501.122	2572.702	65948.33	8076.225	4359.391
#2	2503.544	2556.748	65988.07	8007.550	4328.336
#3	2498.331	2570.738	65924.59	8041.050	4344.513

Sample Name: PB110117BL Acquired: 6/11/2018 17:33:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000910	-.000510	-.001564	-.000344	-.000871	-.002365	-.001254
Stddev	.001797	.002870	.000950	.000701	.001032	.004063	.000773
%RSD	197.5480	562.5429	60.78398	203.8955	118.4333	171.7624	61.60696

#1	-.001550	.002765	-.001896	-.001128	-.002061	-.007031	-.002141
#2	.001120	-.001713	-.002303	-.000126	-.000209	-.000461	-.000725
#3	-.002300	-.002583	-.000492	.000223	-.000345	.000395	-.000897

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000245	-.000055	-.015486	-.000079	.0000268	.0030051	-.016069
Stddev	.0000313	.000011	.010553	.000323	.0002329	.0032886	.010448
%RSD	127.9538	20.36821	68.14638	410.0481	868.1548	109.4324	65.02150

#1	.0000563	-.000067	-.025382	-.000134	-.000239	.0008718	-.018569
#2	-.000006	-.000046	-.004380	-.000371	.000124	.0013512	-.004597
#3	.000023	-.000051	-.016697	.000269	.000195	.0067924	-.025041

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000767	-.015442	-.000305	.0001378	.1029586	.0025456	-.005216
Stddev	.000381	.011574	.000160	.0001082	.0513455	.0040783	.006853
%RSD	49.65368	74.95308	52.38311	78.47990	49.86999	160.2075	131.3738

#1	-.000341	-.026376	-.000328	.0001052	.0903621	.0065964	.000083
#2	-.001073	-.003319	-.000452	.0002586	.0590837	.0026001	-.012955
#3	-.000886	-.016631	-.000135	.0000497	.1594301	-.001560	-.002777

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.106858	-.000190	-.001911	-.000252	-.065897	.0000728	-.000479
Stddev	.026258	.000076	.000646	.000371	.004101	.0008872	.000876
%RSD	24.57300	39.82497	33.82646	146.8249	6.222951	1217.947	182.7102

#1	-.109154	-.000185	-.002655	.000147	-.062249	.0010459	-.000320
#2	-.131893	-.000269	-.001483	-.000585	-.065106	-.000136	.000306
#3	-.079527	-.000117	-.001596	-.000320	-.070336	-.000691	-.001424

Sample Name: PB110117BL Acquired: 6/11/2018 17:33:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000334	-.001225	-.000071
Stddev	.000618	.000145	.000088
%RSD	185.3165	11.80470	124.1395

#1	.000371	-.001383	-.000172
#2	-.000586	-.001193	-.000007
#3	-.000786	-.001100	-.000035

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2254.624	2385.552	60544.29	7455.608	4007.920
Stddev	9.836	11.066	258.63	10.453	13.446
%RSD	.4362516	.4638919	.4271761	.1402016	.3354799

#1	2248.526	2373.084	60365.43	7443.625	3992.675
#2	2249.376	2389.357	60426.61	7462.850	4012.995
#3	2265.971	2394.213	60840.84	7460.350	4018.089

Sample Name: PB110117BS Acquired: 6/11/2018 17:37:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0171701	.0515081	.0177408	.0636831	.1107360	.3593857
Stddev	.0003308	.0006084	.0012515	.0009256	.0016148	.0074230
%RSD	1.926344	1.181127	7.054579	1.453492	1.458270	2.065481

#1	.0175434	.0522036	.0165870	.0636856	.1090953	.3532034
#2	.0169138	.0512464	.0175643	.0646075	.1123237	.3573351
#3	.0170531	.0510744	.0190713	.0627562	.1107889	.3676184

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3765911	.0093981	.0093613	9.504230	.0209174	.0910109
Stddev	.0015605	.0000735	.0001628	.028744	.0002641	.0014656
%RSD	.4143787	.7824197	1.738719	.3024303	1.262713	1.610331

#1	.3783162	.0094524	.0091854	9.504208	.0207170	.0893880
#2	.3752779	.0093145	.0095067	9.475497	.0208186	.0922377
#3	.3761791	.0094275	.0093917	9.532985	.0212167	.0914071

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0515643	.1975584	.0312785	8.929029	.0762841	.0182798
Stddev	.0026705	.0184553	.0007410	.128941	.0013259	.0000645
%RSD	5.178907	9.341698	2.369119	1.444062	1.738140	.3528127

#1	.0537933	.2188341	.0317463	8.807616	.0747532	.0183542
#2	.0522951	.1858680	.0304241	9.064367	.0770346	.0182442
#3	.0486045	.1879732	.0316650	8.915103	.0770646	.0182409

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.312706	.0992067	.1151189	8.899951	F .0040238	F .0177368
Stddev	.078663	.0027104	.0165412	.014702	.0002398	.0003736
%RSD	.8446852	2.732029	14.36883	.1651972	5.959659	2.106578

#1	9.230140	.0995459	.1039614	8.884139	.0039559	.0179174
#2	9.386776	.1017315	.1072722	8.902506	.0042903	.0173072
#3	9.321203	.0963428	.1341232	8.913209	.0038253	.0179859

Sample Name: PB110117BS Acquired: 6/11/2018 17:37:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0185698	.0963211	.1784325	F .0124235	.1878604	.0872689
Stddev	.0003813	.0025404	.0014242	.0007669	.0007112	.0005842
%RSD	2.053102	2.637443	.7981709	6.173177	.3785731	.6694705

#1	.0181517	.0938746	.1798334	.0118780	.1872508	.0866084
#2	.0186596	.0989460	.1769861	.0120921	.1876886	.0874805
#3	.0188982	.0961426	.1784781	.0133004	.1886417	.0877180

Elem	Sr4077
Units	ppm
Avg	.1897108
Stddev	.0007836
%RSD	.4130692

#1	.1904142
#2	.1888662
#3	.1898522

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2286.717	2414.464	60972.81	7579.038	4007.713
Stddev	34.991	32.451	745.53	9.117	50.525
%RSD	1.530177	1.344044	1.222721	.1202952	1.260682

#1	2323.031	2451.753	61548.67	7569.323	4065.247
#2	2283.900	2392.620	61239.05	7580.384	3970.576
#3	2253.220	2399.019	60130.72	7587.407	3987.315

Sample Name: J3385-01 Acquired: 6/11/2018 17:41:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FP6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1535420	.0001233	4.018029	.0100256	.0282700	79.30459	1.091030
Stddev	.0115884	.0013582	.264292	.0039970	.0027080	.21370	.001430
%RSD	7.547358	1101.090	6.577665	39.86771	9.578868	.2694625	.1310509

#1	.1433443	.0016797	3.861625	.0062310	.0252180	79.05961	1.092594
#2	.1661439	-.000822	4.323175	.0096478	.0303849	79.45261	1.089790
#3	.1511378	-.000488	3.869285	.0141981	.0292072	79.40157	1.090707

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082656	.1217874	172.4197	.0903261	.0626649	.9160189	128.0965
Stddev	.0001803	.0083272	.3393	.0002394	.0043674	.0024567	1.0379
%RSD	2.181278	6.837487	.1967764	.2650600	6.969510	.2681887	.8102734

#1	.0084044	.1169833	172.5645	.0904793	.0598843	.9173010	127.0454
#2	.0080619	.1314029	172.0320	.0904488	.0676988	.9131864	129.1207
#3	.0083307	.1169761	172.6626	.0900502	.0604116	.9175693	128.1235

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.503214	52.51803	.1284361	.0183767	1.606678	.2452496	2.377711
Stddev	.005005	.56705	.0083183	.0003159	.118201	.0058382	.019379
%RSD	.1428582	1.079733	6.476596	1.718979	7.356861	2.380529	.8150352

#1	3.505855	51.86764	.1237824	.0181659	1.524843	.2391055	2.371591
#2	3.497442	52.90870	.1380397	.0182243	1.552997	.2507242	2.399411
#3	3.506345	52.77777	.1234862	.0187399	1.742194	.2459189	2.362130

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.82423	1.998509	.1915583	.0064979	6.957239	4.344494	.0151674
Stddev	.06447	.133601	.0028793	.0004708	.472542	.044408	.0003892
%RSD	.2317109	6.685042	1.503113	7.245818	6.792089	1.022158	2.565802

#1	27.75080	1.925557	.1885522	.0062368	6.704539	4.307438	.0155544
#2	27.85034	2.152704	.1942915	.0070414	7.502400	4.332327	.0151718
#3	27.87155	1.917267	.1918312	.0062154	6.664777	4.393717	.0147761

Sample Name: J3385-01 Acquired: 6/11/2018 17:41:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FP6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.068016	.1065655	.4642106
Stddev	.012882	.0008097	.0004223
%RSD	.6228961	.7597827	.0909767

#1	2.053356	.1056384	.4646793
#2	2.077523	.1071336	.4640928
#3	2.073170	.1069244	.4638597

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2482.651	2536.607	67494.70	8599.188	3526.869
Stddev	6.701	121.531	173.78	38.739	202.083
%RSD	.2698984	4.791079	.2574656	.4505018	5.729808

#1	2475.699	2604.322	67591.31	8612.263	3641.945
#2	2483.184	2396.304	67294.09	8629.698	3293.531
#3	2489.069	2609.196	67598.71	8555.603	3645.132

Sample Name: J3385-02 Acquired: 6/11/2018 17:45:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FP7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1125536	-.000357	1.684440	.0064314	.0093179	74.03676	.9198619
Stddev	.0004800	.002782	.027794	.0034286	.0024784	.31765	.0065333
%RSD	.4264762	780.2100	1.650061	53.31047	26.59832	.4290490	.7102520

#1	.1126721	-.000697	1.674596	.0026209	.0073470	74.37415	.9270011
#2	.1129632	.002580	1.715817	.0074063	.0121003	73.99267	.9184038
#3	.1120254	-.002953	1.662907	.0092670	.0085064	73.74345	.9141808

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113009	.0545446	104.4768	.0969134	.0527969	.3428808	118.1297
Stddev	.0001020	.0010508	.5139	.0003789	.0008997	.0035801	.3958
%RSD	.9023844	1.926479	.4918396	.3909496	1.704158	1.044112	.3350331

#1	.0112501	.0538758	104.9456	.0968808	.0526056	.3448221	117.9663
#2	.0112343	.0557557	104.5573	.0973076	.0537769	.3387494	117.8417
#3	.0114183	.0540022	103.9274	.0965519	.0520082	.3450709	118.5810

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.325840	36.26583	.0867186	.0008612	1.540477	.2656405	1.037705
Stddev	.011643	.09152	.0011174	.0001265	.198589	.0033710	.012847
%RSD	.3500643	.2523532	1.288580	14.68906	12.89139	1.269004	1.238030

#1	3.333183	36.33625	.0859117	.0010039	1.381016	.2685438	1.037061
#2	3.331921	36.16238	.0879940	.0007626	1.762919	.2664341	1.050862
#3	3.312416	36.29886	.0862502	.0008172	1.477495	.2619435	1.025192

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.27833	1.452043	.1131246	.0100301	4.142741	5.009781	.0101703
Stddev	.15776	.025079	.0019610	.0001719	.072989	.032303	.0000685
%RSD	.6003456	1.727152	1.733499	1.713562	1.761851	.6447888	.6731114

#1	26.46015	1.441942	.1142100	.0099311	4.117098	4.973148	.0102486
#2	26.19704	1.480598	.1108608	.0102286	4.225091	5.034177	.0101403
#3	26.17779	1.433590	.1143028	.0099307	4.086034	5.022018	.0101220

Sample Name: J3385-02 Acquired: 6/11/2018 17:45:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FP7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.458417	.0755420	.3677329
Stddev	.009303	.0009177	.0018401
%RSD	.6378605	1.214881	.5003886

#1	1.468320	.0761450	.3697565
#2	1.449862	.0744858	.3672820
#3	1.457069	.0759952	.3661601

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2700.114	2835.452	73341.18	9246.721	3674.407
Stddev	10.811	43.557	162.60	16.806	55.732
%RSD	.4003756	1.536172	.2217025	.1817484	1.516769

#1	2692.957	2845.396	73200.00	9261.932	3689.127
#2	2712.550	2787.782	73304.59	9228.680	3612.793
#3	2694.835	2873.177	73518.96	9249.551	3721.302

Sample Name: J3385-03 Acquired: 6/11/2018 17:49:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FQ2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1272071	-.001008	2.213084	.0059270	.0130199	108.9994	1.374528
Stddev	.0038625	.000932	.008706	.0025188	.0012648	.3615	.003575
%RSD	3.036363	92.48185	.3933970	42.49594	9.714451	.3316558	.2600751

#1	.1314065	-.000478	2.205173	.0031610	.0131667	109.1500	1.377576
#2	.1264083	-.000461	2.211666	.0065318	.0116880	109.2613	1.370593
#3	.1238065	-.002084	2.222411	.0080883	.0142048	108.5870	1.375416

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0116743	.0831750	235.7339	.1200588	.0846903	.5370572	161.8220
Stddev	.0001357	.0004216	.4208	.0021866	.0008757	.0037934	1.3468
%RSD	1.162027	.5068524	.1785200	1.821276	1.034015	.7063354	.8322983

#1	.0116402	.0828667	235.5330	.1224211	.0850474	.5396032	161.8764
#2	.0115589	.0830029	235.4513	.1181057	.0836925	.5326974	163.1408
#3	.0118237	.0836554	236.2176	.1196496	.0853310	.5388711	160.4487

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.751042	62.93999	.1288607	.0036613	1.506374	.3194138	1.608131
Stddev	.002434	.57770	.0007425	.0002287	.085770	.0008042	.026716
%RSD	.0512270	.9178638	.5762227	6.245794	5.693811	.2517736	1.661313

#1	4.748307	63.04536	.1284356	.0036530	1.514039	.3190423	1.638793
#2	4.752967	63.45776	.1297181	.0038939	1.588054	.3188625	1.589861
#3	4.751854	62.31686	.1284284	.0034368	1.417029	.3203366	1.595740

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.47642	1.056356	.1539175	.0116994	4.106053	5.493284	.0147063
Stddev	.06728	.006188	.0036620	.0003774	.020510	.030396	.0016607
%RSD	.1748591	.5858127	2.379206	3.225925	.4995129	.5533330	11.29215

#1	38.44751	1.055272	.1520101	.0115028	4.122702	5.514825	.0140515
#2	38.55332	1.050782	.1581395	.0114608	4.083141	5.506513	.0134728
#3	38.42843	1.063015	.1516030	.0121345	4.112316	5.458516	.0165945

Sample Name: J3385-03 Acquired: 6/11/2018 17:49:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FQ2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.166782	.1318766	.6222057
Stddev	.023195	.0010049	.0010917
%RSD	.7324442	.7620189	.1754637

#1	3.171716	.1318915	.6232990
#2	3.187112	.1308643	.6222025
#3	3.141517	.1328740	.6211155

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2635.763	2773.499	71631.66	9167.298	3520.932
Stddev	40.836	15.576	965.51	46.102	12.873
%RSD	1.549308	.5616113	1.347883	.5028957	.3656260

#1	2589.411	2755.586	70528.20	9191.811	3506.394
#2	2651.444	2781.057	72321.19	9114.119	3530.885
#3	2666.434	2783.855	72045.59	9195.966	3525.518

Sample Name: CCV015 Acquired: 6/11/2018 17:53:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV015 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.893937	4.879490	24.09352	4.854961	4.885302	396.0287	9.954744
Stddev	.030086	.014428	.07275	.016084	.011030	.8195	.037758
%RSD	.6147685	.2956841	.3019300	.3312963	.2257840	.2069298	.3792988

#1	4.889498	4.868941	24.08512	4.863029	4.879708	396.2030	9.998343
#2	4.866317	4.873597	24.02534	4.836440	4.878189	396.7470	9.932699
#3	4.925997	4.895931	24.17010	4.865414	4.898008	395.1360	9.933191

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4914063	2.425783	397.4558	14.91094	2.439925	14.83987	402.5884
Stddev	.0042423	.005996	1.3497	.04185	.007985	.06576	2.3978
%RSD	.8632985	.2471610	.3395735	.2806376	.3272734	.4431283	.5955907

#1	.4921403	2.428037	398.6044	14.88228	2.438890	14.88667	402.0264
#2	.4868450	2.418987	395.9693	14.89157	2.432508	14.86826	405.2172
#3	.4952338	2.430325	397.7936	14.95896	2.448377	14.76469	400.5215

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.56620	399.3149	2.438767	1.195119	391.2013	2.453393	14.79868
Stddev	.07113	1.8303	.004165	.010169	.1871	.012378	.27603
%RSD	.4883241	.4583712	.1707735	.8508625	.0478256	.5045146	1.865247

#1	14.58505	398.0424	2.441390	1.199764	391.0029	2.442421	15.00726
#2	14.48755	401.4126	2.433965	1.202136	391.3745	2.466811	14.90311
#3	14.62601	398.4898	2.440945	1.183457	391.2267	2.450945	14.48567

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	150.1419	5.254026	4.934756	4.728650	5.047465	4.847023	4.855911
Stddev	.0862	.030128	.012739	.014448	.025972	.035737	.019462
%RSD	.0574332	.5734276	.2581559	.3055436	.5145579	.7373039	.4007834

#1	150.1044	5.226805	4.925458	4.730261	5.067319	4.839550	4.845942
#2	150.2405	5.248877	4.929533	4.713464	5.018072	4.815614	4.843453
#3	150.0808	5.286397	4.949276	4.742225	5.057003	4.885906	4.878337

Sample Name: CCV015 Acquired: 6/11/2018 17:53:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV015 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.902753	4.937851	4.928683
Stddev	.011601	.020881	.043075
%RSD	.2366194	.4228824	.8739627

#1	4.903085	4.960059	4.978298
#2	4.914184	4.934880	4.900843
#3	4.890990	4.918615	4.906908

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1966.287	2022.153	54875.47	7248.445	3056.730
Stddev	20.266	4.714	50.41	19.768	6.345
%RSD	1.030695	.2331301	.0918660	.2727179	.2075805

#1	1949.057	2023.292	54897.09	7239.436	3058.382
#2	1961.190	2026.194	54817.86	7271.112	3062.086
#3	1988.616	2016.974	54911.47	7234.787	3049.722

Sample Name: CCB015 Acquired: 6/11/2018 17:57:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB015 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003226	.0002896	.0000283	-.001886	-.000340	.0097793	-.000040
Stddev	.0024690	.0010500	.0013256	.001974	.000888	.0086395	.000716
%RSD	765.4746	362.5232	4685.861	104.6733	261.3675	88.34467	1787.549

#1	.0013696	.0015020	-.001011	.000227	-.000960	.0095743	-.000856
#2	.0020955	-.000329	-.000426	-.002202	.000678	.0185195	.000257
#3	-.002497	-.000304	.001521	-.003683	-.000737	.0012442	.000479

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000737	-.000063	-.005402	.0007346	.0001361	.0007348	.0097915
Stddev	.0000448	.000057	.003985	.0000504	.0002675	.0023243	.0102163
%RSD	60.74140	89.29529	73.76892	6.863077	196.5130	316.3277	104.3381

#1	.0000330	.000001	-.008656	.0006802	.0001087	.0004112	.0167961
#2	.0000665	-.000103	-.006593	.0007797	.0004163	.0032039	.0145095
#3	.0001217	-.000088	-.000957	.0007438	-.000117	-.001411	-.001931

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001304	.0016625	.0001410	.0002728	.1954955	.0018534	-.001261
Stddev	.0008969	.0270764	.0003014	.0001178	.1597482	.0033698	.002845
%RSD	688.0533	1628.620	213.7282	43.19687	81.71453	181.8154	225.5789

#1	.0011631	-.014254	.0004736	.0001369	.1931457	-.001284	.002021
#2	-.000319	.032926	-.000114	.0003474	.0369351	.005415	-.003010
#3	-.000453	-.013685	.000063	.0003341	.3564057	.001429	-.002795

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.060293	-.000160	.0033369	-.000029	-.071477	-.000046	-.000492
Stddev	.013445	.000195	.0004185	.000122	.000951	.000682	.000856
%RSD	22.30010	122.0295	12.54263	418.2285	1.330263	1468.105	173.8281

#1	-.074774	-.000285	.0037694	.000083	-.070874	.000297	.000109
#2	-.048204	.000065	.0029340	-.000159	-.070984	.000395	-.001473
#3	-.057901	-.000259	.0033071	-.000011	-.072573	-.000832	-.000113

Sample Name: CCB015 Acquired: 6/11/2018 17:57:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v557) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB015 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000303	.0007808	.0000498
Stddev	.000410	.0006981	.0000434
%RSD	135.0880	89.40873	87.14333

#1	-.000693	.0006103	.0000745
#2	.000124	.0001838	.0000753
#3	-.000340	.0015484	-.000000

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2349.649	2470.255	62918.99	7662.608	4143.558
Stddev	19.785	4.453	135.93	53.982	6.020
%RSD	.8420273	.1802632	.2160421	.7044845	.1452908

#1	2369.129	2465.742	63072.36	7704.450	4138.842
#2	2350.245	2474.645	62871.23	7601.675	4150.339
#3	2329.573	2470.378	62813.38	7681.700	4141.492