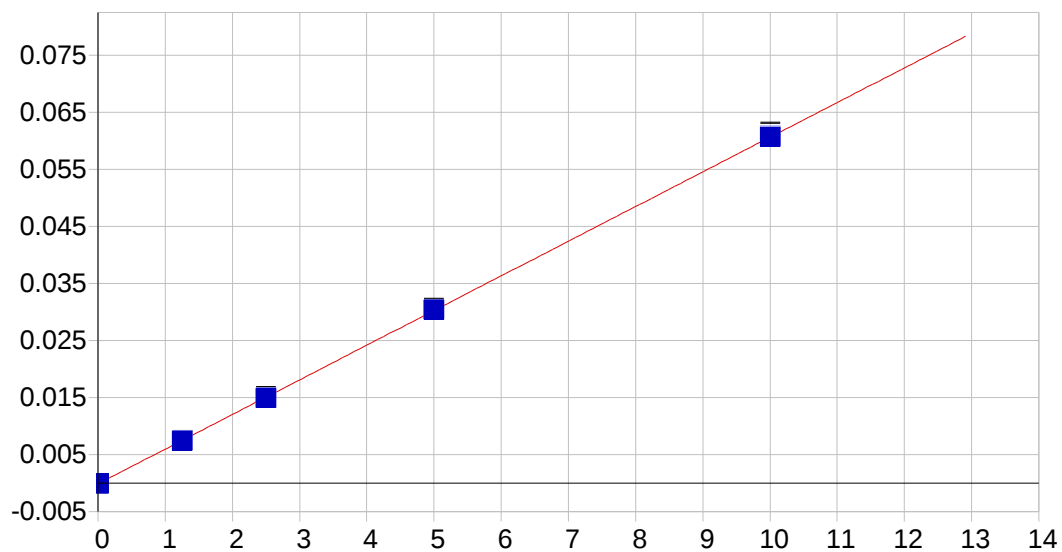




As 189.042 {479}

Date of Fit: 9/7/2018 18:20:08

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000122

Re-Slope: 1.000000

A1 (Gain): 0.006075

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999980

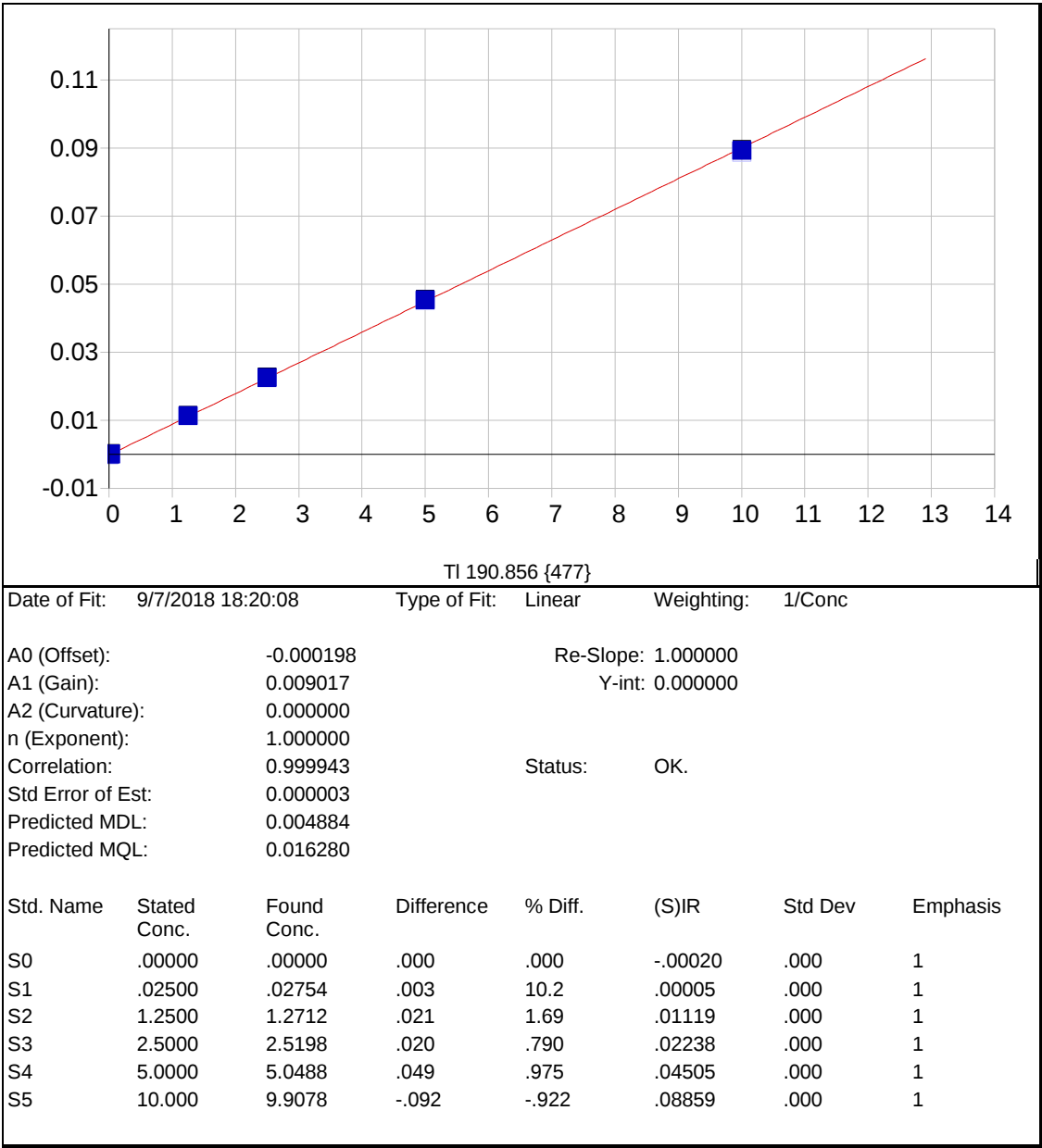
Status: OK.

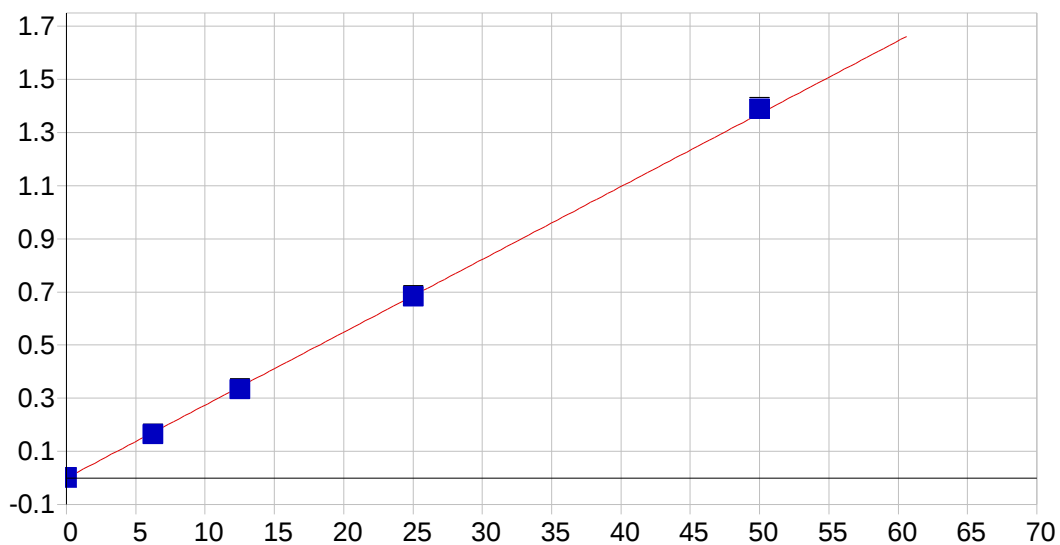
Std Error of Est: 0.000001

Predicted MDL: 0.007750

Predicted MQL: 0.025835

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00012	.000	1
S1	.01000	.00784	-.002	-21.6	-.00007	.000	1
S2	1.2500	1.2419	-.008	-.647	.00745	.000	1
S3	2.5000	2.4807	-.019	-.772	.01501	.000	1
S4	5.0000	5.0161	.016	.321	.03047	.000	1
S5	10.000	10.013	.013	.135	.06095	.001	1



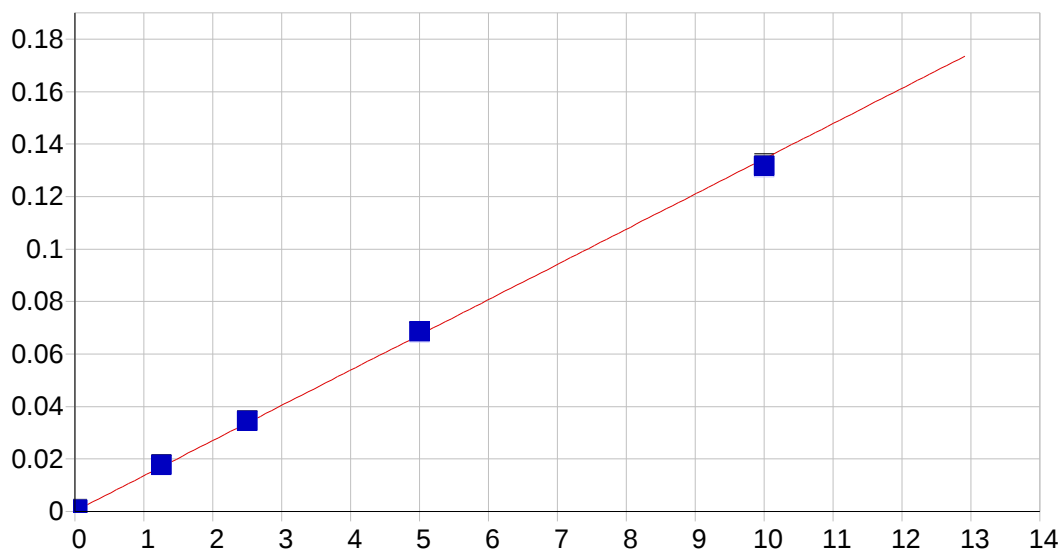


Pb 220.353 {453}

Date of Fit: 9/7/2018 18:20:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000012 Re-Slope: 1.000000
 A1 (Gain): 0.027413 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999855 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.003734
 Predicted MQL: 0.012447

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00001	.000	1
S1	.01000	.01141	.001	14.1	.00033	.000	1
S2	6.2500	6.0276	-.222	-3.56	.16548	.001	1
S3	12.500	12.159	-.341	-2.73	.33379	.002	1
S4	25.000	24.883	-.117	-.467	.68308	.003	1
S5	50.000	50.679	.679	1.36	1.3912	.005	1

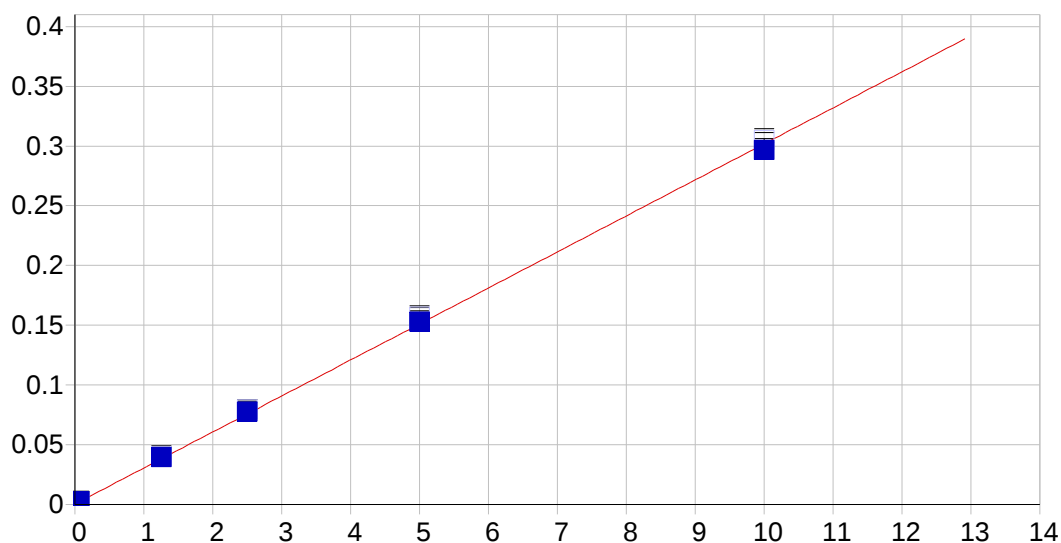


Se 196.090 {472}

Date of Fit: 9/7/2018 18:20:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000171 Re-Slope: 1.000000
 A1 (Gain): 0.013422 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999716 Status: OK.
 Std Error of Est: 0.000010
 Predicted MDL: 0.005695
 Predicted MQL: 0.018983

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00017	.000	1
S1	.03500	.04044	.005	15.5	.00071	.000	1
S2	1.2500	1.3036	.054	4.29	.01759	.000	1
S3	2.5000	2.5610	.061	2.44	.03439	.000	1
S4	5.0000	5.0886	.089	1.77	.06816	.000	1
S5	10.000	9.7914	-.209	-2.09	.13096	.001	1



Sb 206.833 {463}

Date of Fit: 9/7/2018 18:20:08

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000353

Re-Slope: 1.000000

A1 (Gain): 0.030146

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999775

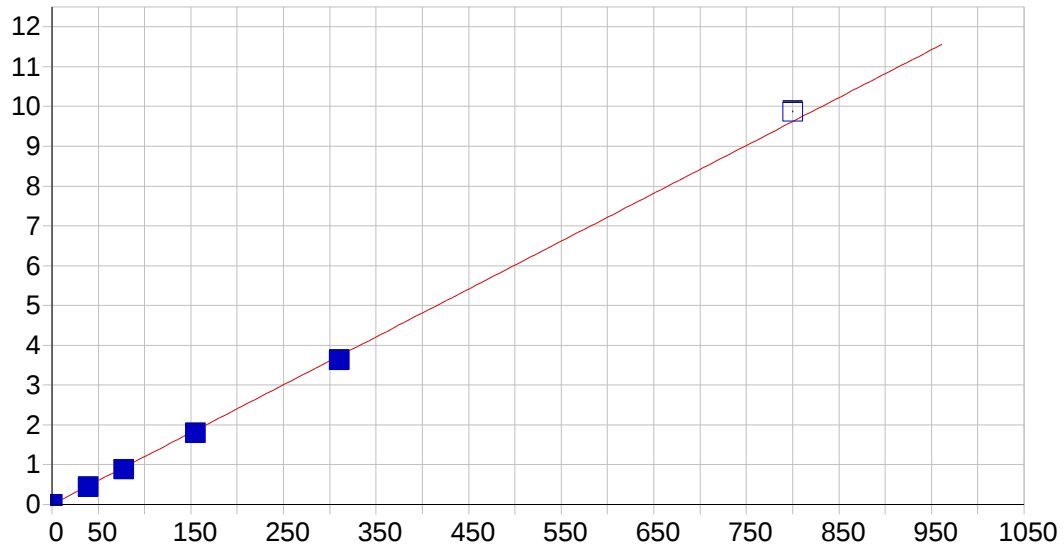
Status: OK.

Std Error of Est: 0.000027

Predicted MDL: 0.003265

Predicted MQL: 0.010884

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00035	.000	1
S1	.06000	.07008	.010	16.8	.00247	.000	1
S2	1.2500	1.3006	.051	4.05	.04059	.000	1
S3	2.5000	2.5559	.056	2.23	.07946	.000	1
S4	5.0000	5.0618	.062	1.24	.15705	.001	1
S5	10.000	9.8219	-.178	-1.78	.30466	.002	1



AI 396.152 { 85}

Date of Fit: 9/7/2018 18:20:08

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000761

Re-Slope: 1.000000

A1 (Gain): 0.012025

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999508

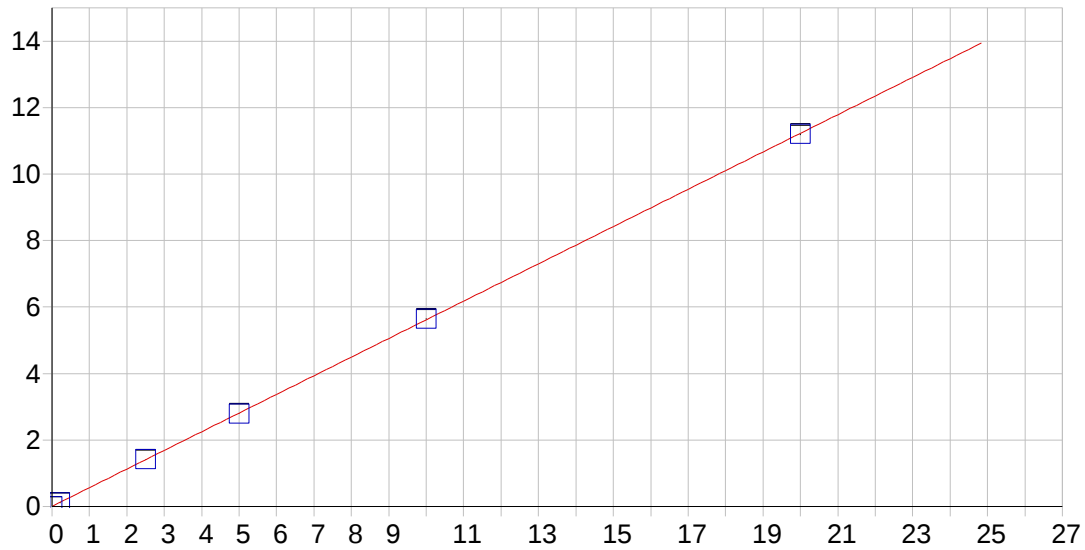
Status: OK.

Std Error of Est: 0.000235

Predicted MDL: 0.027960

Predicted MQL: 0.093201

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00076	.000	1
S1	.20000	.22482	.025	12.4	.00347	.000	1
S2	38.750	36.851	-1.90	-4.90	.44432	.002	1
S3	77.500	73.323	-4.18	-5.39	.88332	.002	1
S4	155.00	148.59	-6.41	-4.13	1.7893	.002	1
S5	310.00	301.58	-8.42	-2.72	3.6306	.008	1
S6	800.00	820.90	20.9	2.61	9.8719	.020	1

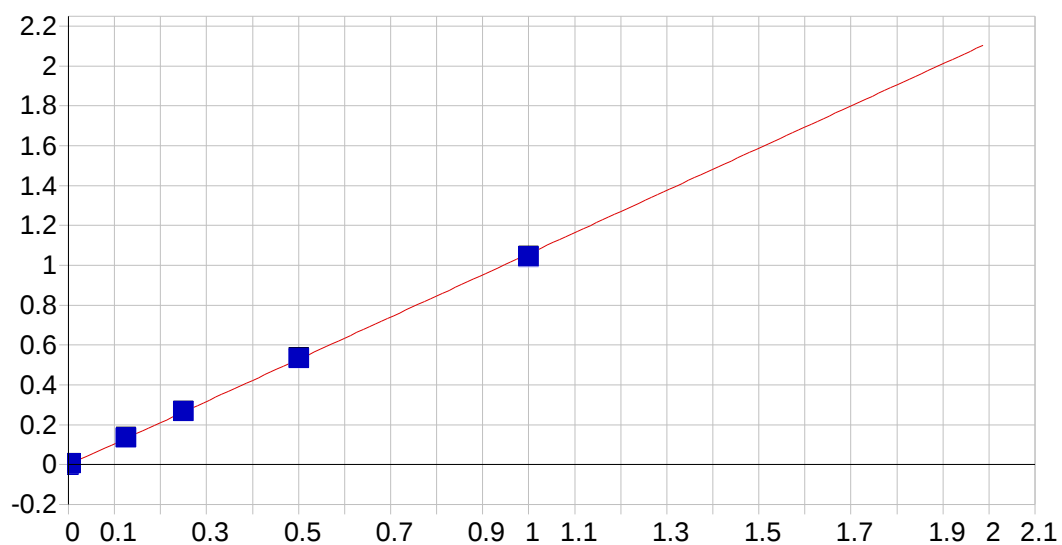


Ba 493.409 { 68}

Date of Fit: 9/7/2018 18:20:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003086 Re-Slope: 1.000000
 A1 (Gain): 0.561103 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986 Status: OK.
 Std Error of Est: 0.000319
 Predicted MDL: 0.001552
 Predicted MQL: 0.005173

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00308	.001	1
S1	.20000	.20947	.009	4.73	.12062	.001	1
S2	2.5000	2.5115	.012	.462	1.4123	.005	1
S3	5.0000	4.9711	-.029	-.578	2.7924	.006	1
S4	10.000	10.055	.055	.546	5.6447	.017	1
S5	20.000	19.953	-.047	-.234	11.199	.025	1



Be 234.861 {144}

Date of Fit: 9/7/2018 18:20:08

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000668

Re-Slope: 1.000000

A1 (Gain): 1.059082

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999864

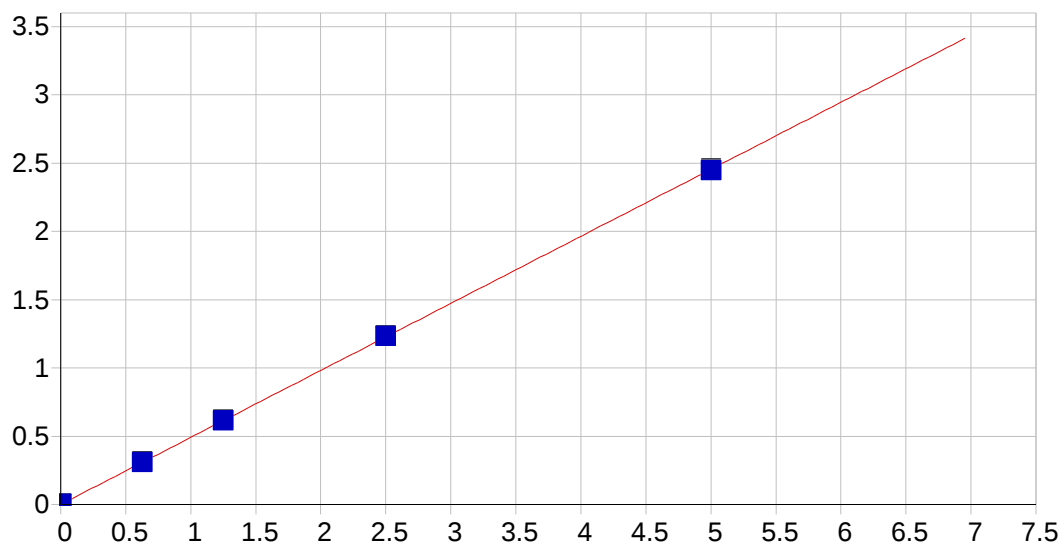
Status: OK.

Std Error of Est: 0.000065

Predicted MDL: 0.000134

Predicted MQL: 0.000445

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00067	.000	1
S1	.00500	.00565	.001	12.9	.00531	.000	1
S2	.12500	.12902	.004	3.22	.13540	.001	1
S3	.25000	.25367	.004	1.47	.26683	.001	1
S4	.50000	.50523	.005	1.05	.53209	.005	1
S5	1.0000	.98643	-.014	-1.36	1.0394	.003	1



Cd 214.438 {457}

Date of Fit: 9/7/2018 18:20:08

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000320

Re-Slope: 1.000000

A1 (Gain): 0.490904

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999991

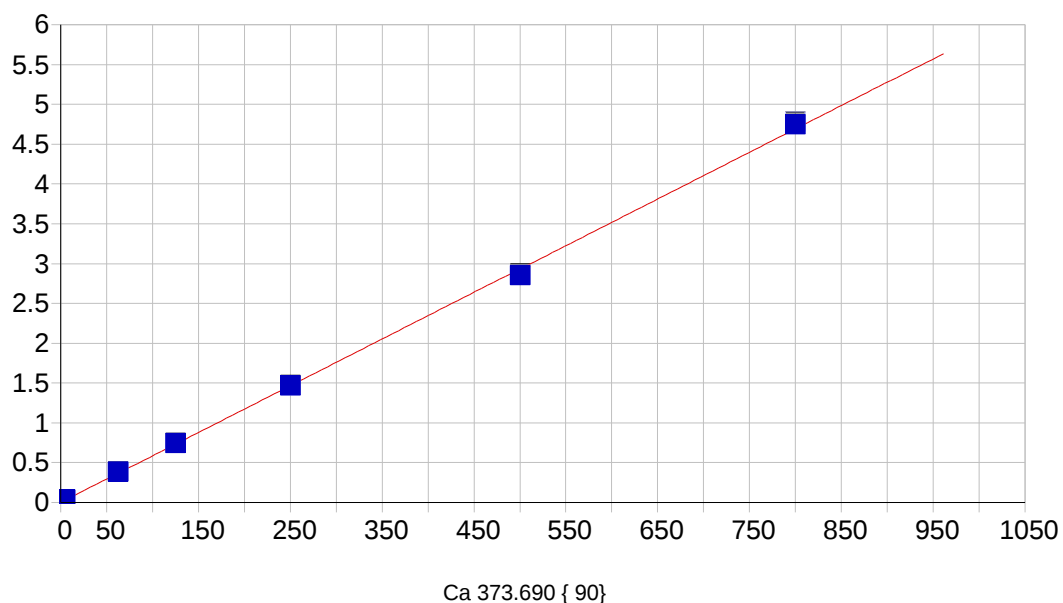
Status: OK.

Std Error of Est: 0.000018

Predicted MDL: 0.000167

Predicted MQL: 0.000556

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00032	.000	1
S1	.00500	.00556	.001	11.1	.00305	.000	1
S2	.62500	.63017	.005	.828	.31031	.002	1
S3	1.2500	1.2507	.001	.060	.61558	.003	1
S4	2.5000	2.5083	.008	.332	1.2342	.004	1
S5	5.0000	4.9852	-.015	-.295	2.4526	.007	1



Date of Fit: 9/7/2018 18:20:08

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000604

Re-Slope: 1.000000

A1 (Gain): 0.005863

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999811

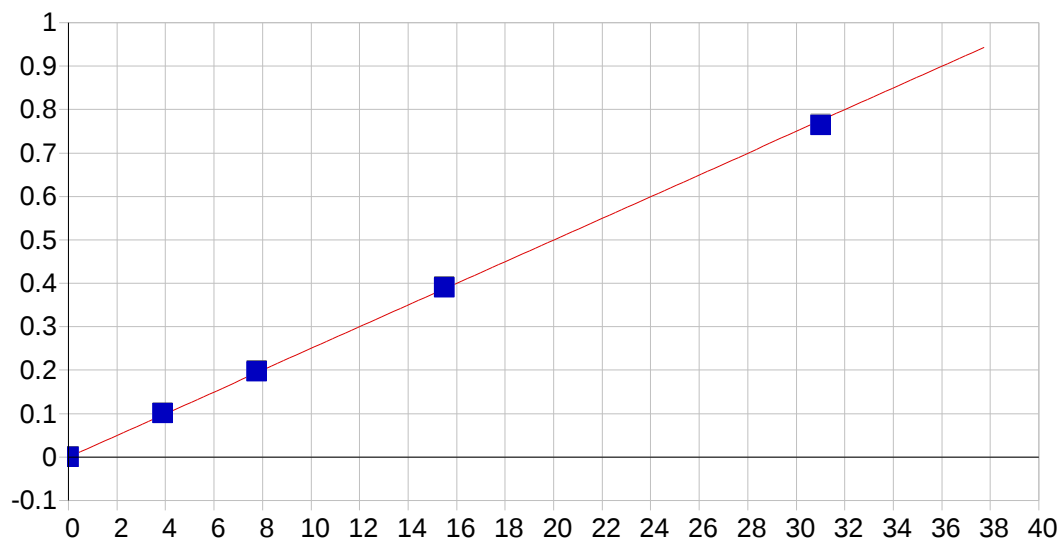
Status: OK.

Std Error of Est: 0.000399

Predicted MDL: 0.041255

Predicted MQL: 0.137517

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00040	.000	.000	.00060	.000	1
S1	5.0000	5.2063	.206	4.13	.03113	.000	1
S2	62.500	65.225	2.72	4.36	.38430	.001	1
S3	125.00	126.38	1.38	1.10	.74411	.002	1
S4	250.00	249.69	-.315	-.126	1.4696	.003	1
S5	500.00	485.95	-14.1	-2.81	2.8600	.009	1
S6	800.00	810.04	10.0	1.25	4.7774	.006	1

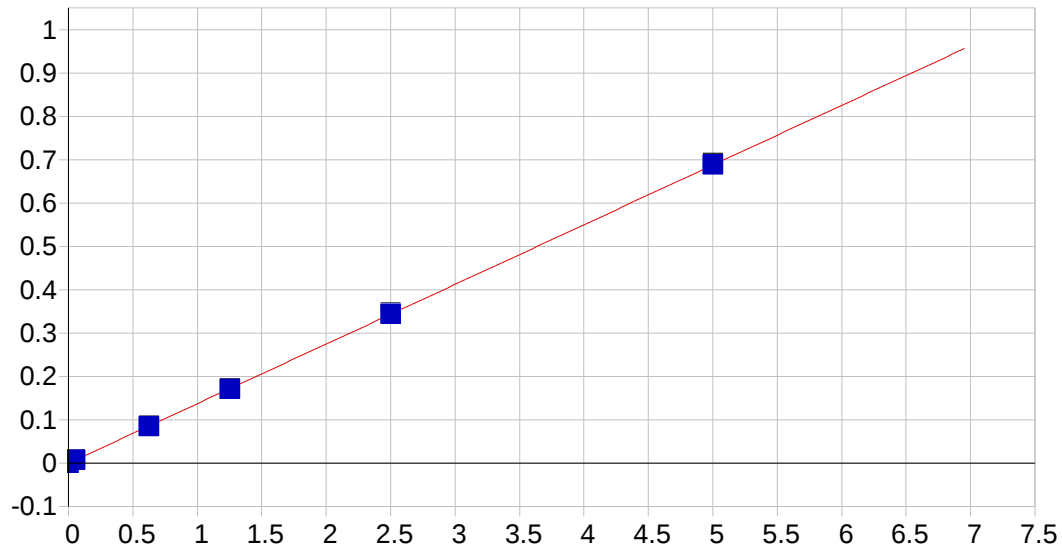


Cr 267.716 {126}

Date of Fit: 9/7/2018 18:20:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000010 Re-Slope: 1.000000
 A1 (Gain): 0.024985 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999859 Status: OK.
 Std Error of Est: 0.000012
 Predicted MDL: 0.000960
 Predicted MQL: 0.003201

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.01000	.01155	.002	15.5	.00028	.000	1
S2	3.8750	4.0268	.152	3.92	.10077	.000	1
S3	7.7500	7.9008	.151	1.95	.19773	.000	1
S4	15.500	15.634	.134	.862	.39127	.000	1
S5	31.000	30.562	-.438	-1.41	.76494	.001	1

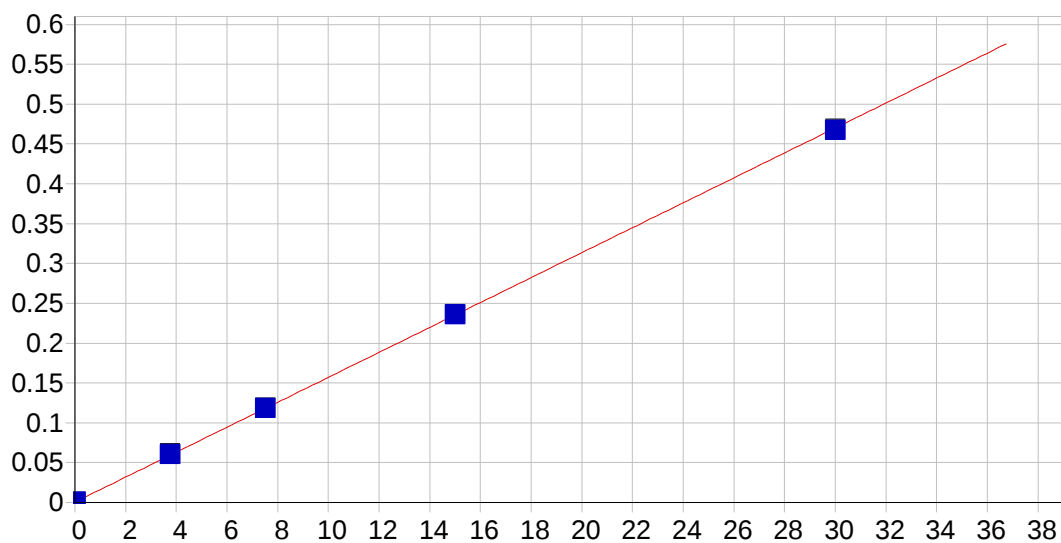


Co 228.616 {448}

Date of Fit: 9/7/2018 18:20:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000221 Re-Slope: 1.000000
 A1 (Gain): 0.137517 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999977 Status: OK.
 Std Error of Est: 0.000025
 Predicted MDL: 0.000570
 Predicted MQL: 0.001899

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00022	.000	1
S1	.05000	.05394	.004	7.89	.00722	.000	1
S2	.62500	.62171	-.003	-.527	.08544	.000	1
S3	1.2500	1.2394	-.011	-.847	.17056	.001	1
S4	2.5000	2.5064	.006	.256	.34513	.001	1
S5	5.0000	5.0035	.004	.071	.68921	.002	1



Cu 324.754 {104}

Date of Fit: 9/7/2018 18:20:08

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000561

Re-Slope: 1.000000

A1 (Gain): 0.015649

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999947

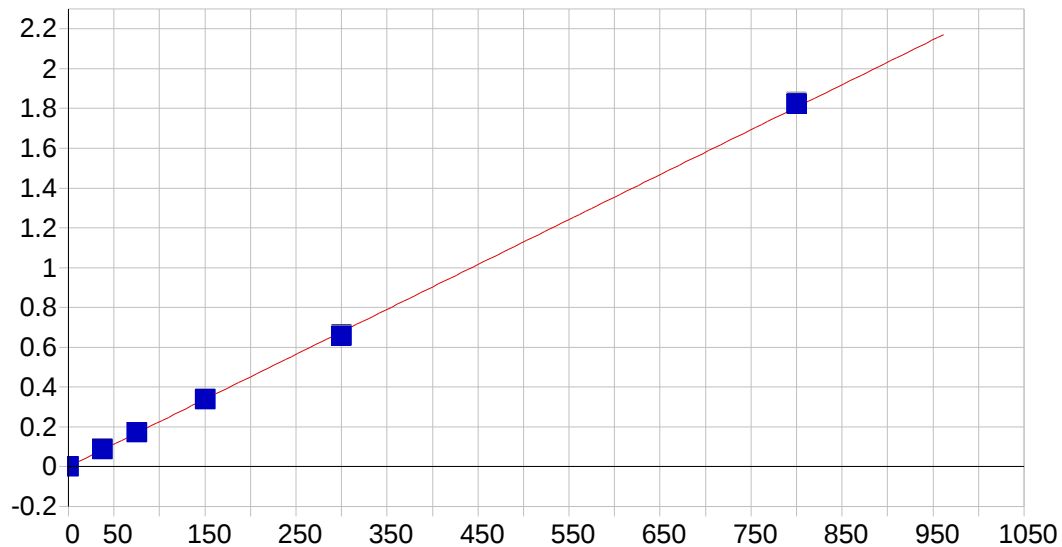
Status: OK.

Std Error of Est: 0.000007

Predicted MDL: 0.009754

Predicted MQL: 0.032512

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00056	.000	1
S1	.02500	.01821	-.007	-27.2	.00085	.000	1
S2	3.7500	3.8563	.106	2.83	.06087	.000	1
S3	7.5000	7.5296	.030	.395	.11832	.000	1
S4	15.000	15.033	.033	.220	.23566	.000	1
S5	30.000	29.838	-.162	-.540	.46719	.001	1

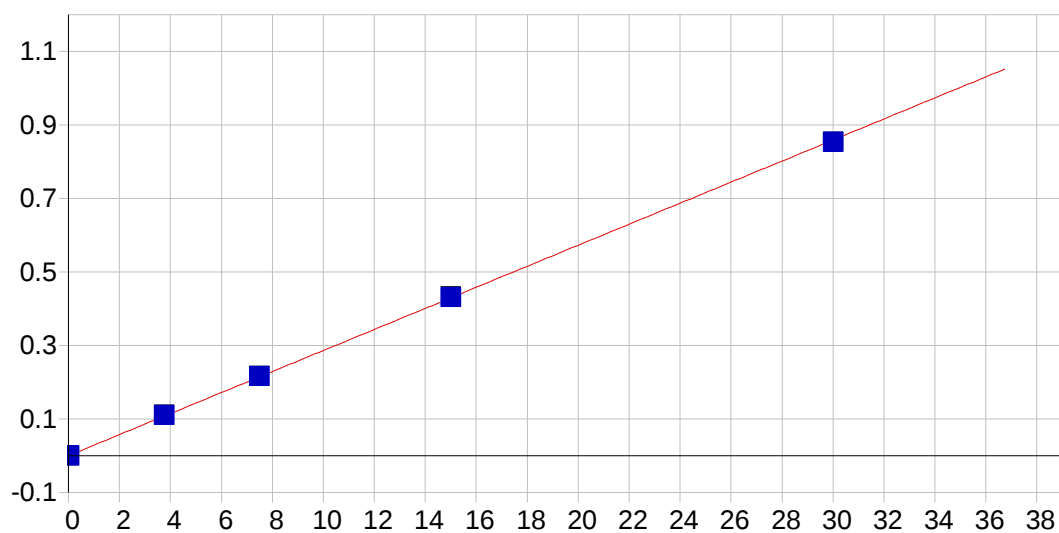


Fe 259.837 {130}

Date of Fit: 9/7/2018 18:20:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000006 Re-Slope: 1.000000
 A1 (Gain): 0.002258 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999863 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.035100
 Predicted MQL: 0.117001

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.10000	.09508	-.005	-4.92	.00021	.000	1
S2	37.500	38.943	1.44	3.85	.08837	.001	1
S3	75.000	75.749	.749	.999	.17191	.000	1
S4	150.00	149.53	-.469	-.313	.33939	.001	1
S5	300.00	291.31	-8.69	-2.90	.66128	.002	1
S6	800.00	806.98	6.98	.873	1.8301	.002	1



Mn 257.610 {131}

Date of Fit: 9/7/2018 18:20:08

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000026

Re-Slope: 1.000000

A1 (Gain): 0.028634

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999960

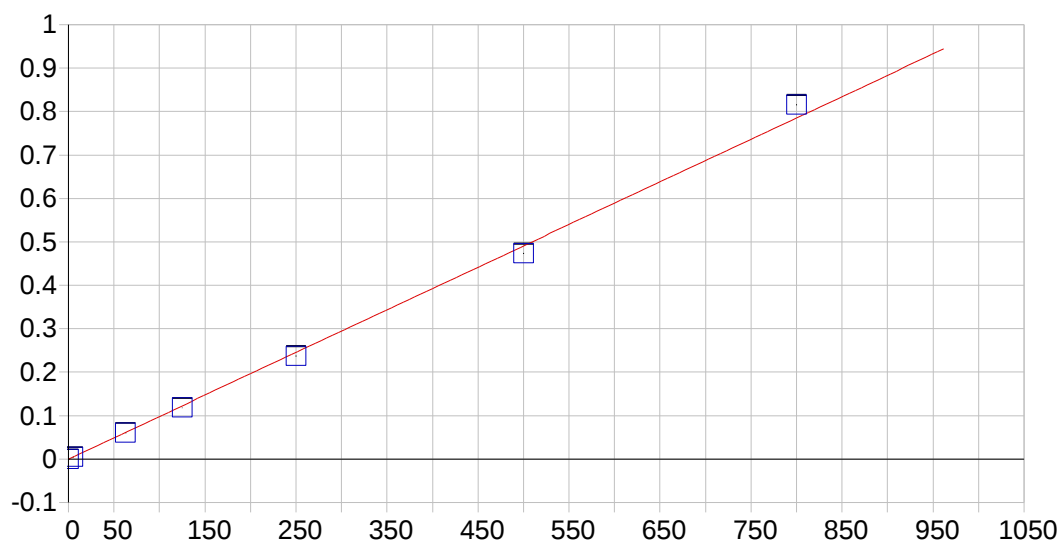
Status: OK.

Std Error of Est: 0.000009

Predicted MDL: 0.002427

Predicted MQL: 0.008089

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00003	.000	1
S1	.01500	.01559	.001	3.92	.00042	.000	1
S2	3.7500	3.8442	.094	2.51	.11007	.000	1
S3	7.5000	7.5408	.041	.544	.21595	.001	1
S4	15.000	15.074	.074	.496	.43172	.001	1
S5	30.000	29.790	-.210	-.700	.85319	.000	1



Mg 279.079 {121}

Date of Fit: 9/7/2018 18:20:08

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000051

Re-Slope: 1.000000

A1 (Gain): 0.000982

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999346

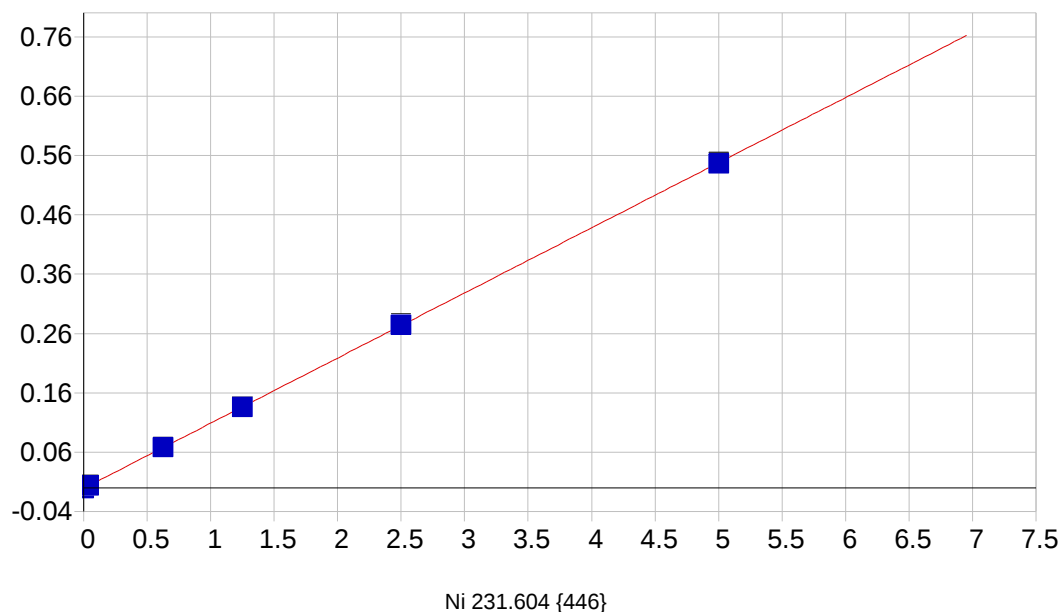
Status: OK.

Std Error of Est: 0.000124

Predicted MDL: 0.100374

Predicted MQL: 0.334580

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00030	.000	.000	-.00005	.000	1
S1	5.0000	5.0966	.097	1.93	.00495	.000	1
S2	62.500	61.623	-.877	-1.40	.06045	.000	1
S3	125.00	120.55	-4.45	-3.56	.11830	.001	1
S4	250.00	241.83	-8.17	-3.27	.23736	.001	1
S5	500.00	482.28	-17.7	-3.54	.47343	.001	1
S6	800.00	831.13	31.1	3.89	.81591	.001	1



Date of Fit: 9/7/2018 18:20:08

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000969

Re-Slope: 1.000000

A1 (Gain): 0.109766

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999968

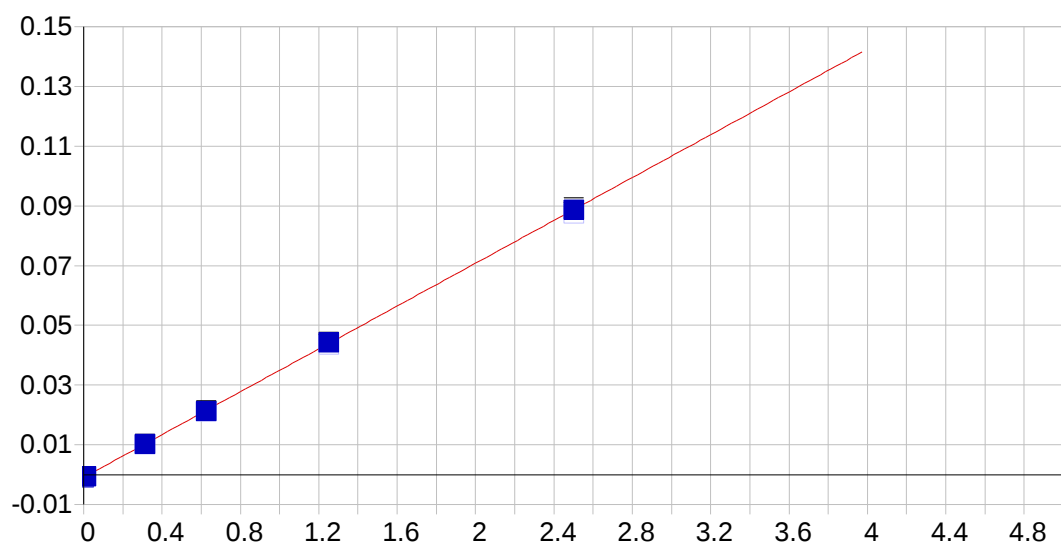
Status: OK.

Std Error of Est: 0.000021

Predicted MDL: 0.000805

Predicted MQL: 0.002684

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00097	.000	1
S1	.04000	.04426	.004	10.7	.00389	.000	1
S2	.62500	.62986	.005	.778	.06831	.000	1
S3	1.2500	1.2483	-.002	-.139	.13633	.001	1
S4	2.5000	2.5106	.011	.423	.27517	.001	1
S5	5.0000	4.9820	-.018	-.359	.54701	.002	1



Ag 328.068 {103}

Date of Fit: 9/7/2018 18:20:08

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000930

Re-Slope: 1.000000

A1 (Gain): 0.035859

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999984

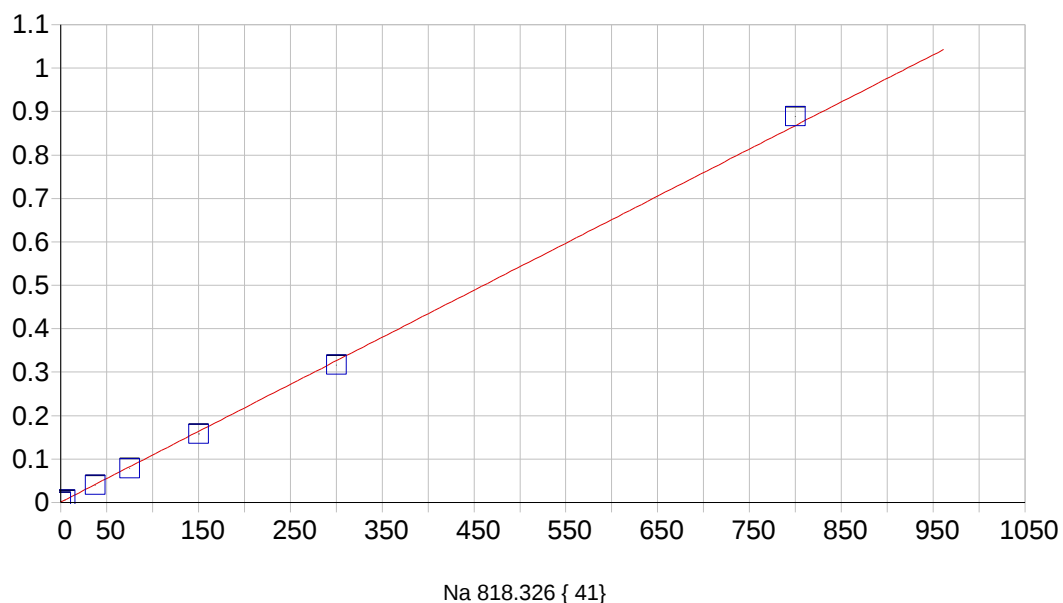
Status: OK.

Std Error of Est: 0.000002

Predicted MDL: 0.001078

Predicted MQL: 0.003592

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00093	.000	1
S1	.01000	.01030	.000	3.05	-.00056	.000	1
S2	.31250	.30975	-.003	-.881	.01001	.000	1
S3	.62500	.62003	-.005	-.795	.02096	.000	1
S4	1.2500	1.2593	.009	.744	.04355	.000	1
S5	2.5000	2.4981	-.002	-.075	.08728	.001	1



Date of Fit: 9/7/2018 18:20:08

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000949

Re-Slope: 1.000000

A1 (Gain): 0.001084

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999593

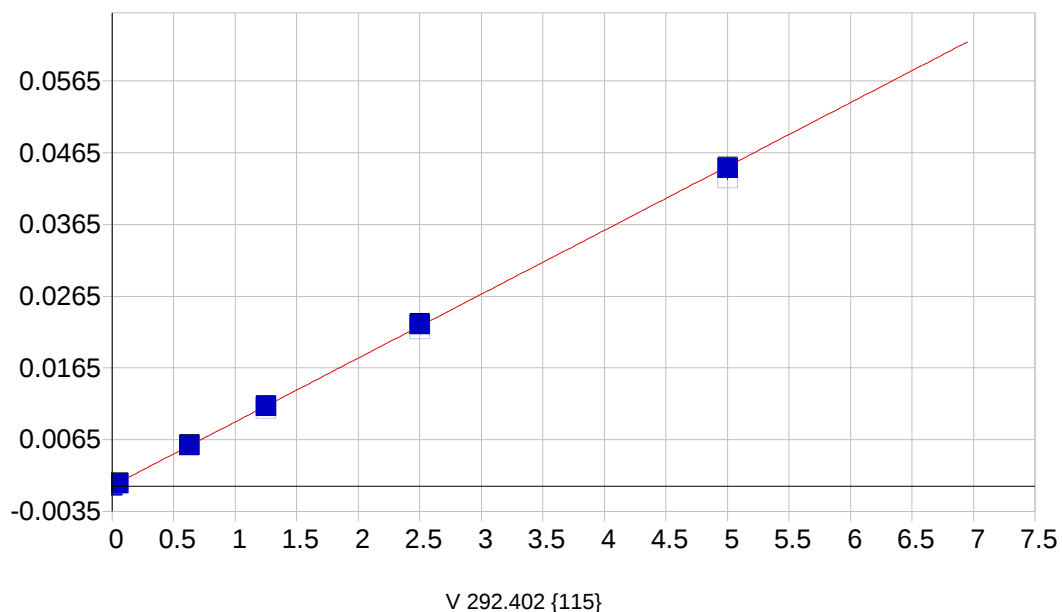
Status: OK.

Std Error of Est: 0.000096

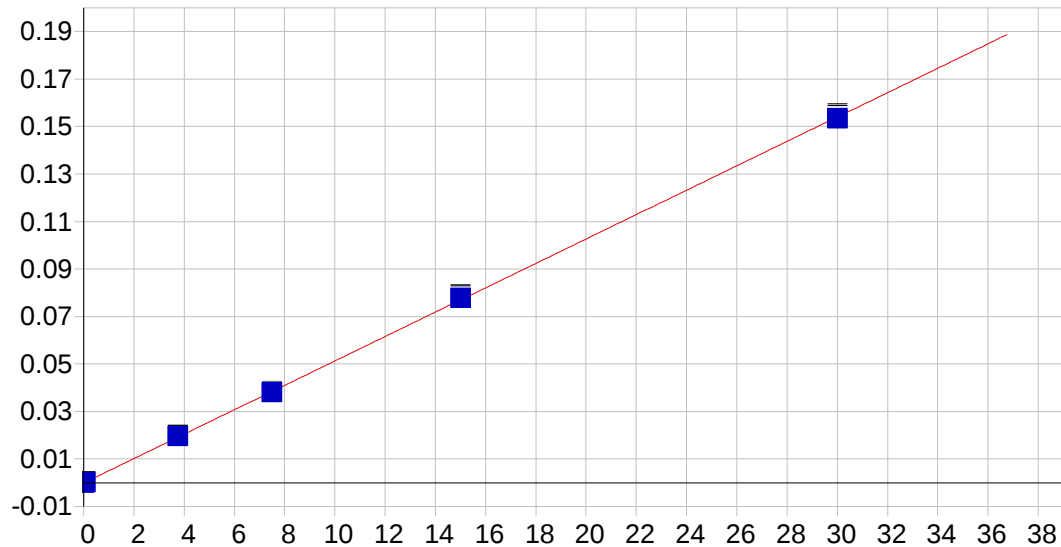
Predicted MDL: 0.654298

Predicted MQL: 2.180992

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00108	.001	.000	.00095	.000	1
S1	5.0000	4.5240	-.476	-9.52	.00585	.000	1
S2	37.500	36.005	-1.49	-3.99	.03997	.000	1
S3	75.000	71.804	-3.20	-4.26	.07877	.000	1
S4	150.00	144.96	-5.04	-3.36	.15805	.000	1
S5	300.00	291.25	-8.75	-2.92	.31661	.000	1
S6	800.00	818.95	19.0	2.37	.88852	.001	1



Date of Fit:	9/7/2018 18:20:08	Type of Fit:	Linear	Weighting:	1/Conc								
A0 (Offset):	0.000071			Re-Slope:	1.000000								
A1 (Gain):	0.008904			Y-int:	0.000000								
A2 (Curvature):	0.000000												
n (Exponent):	1.000000												
Correlation:	0.999731	Status:	OK.										
Std Error of Est:	0.000005												
Predicted MDL:	0.012786												
Predicted MQL:	0.042621												
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis						
S0	.00000	.00001	.000	.000	.00007	.000	1						
S1	.05000	.03582	-.014	-28.4	.00039	.000	1						
S2	.62500	.63726	.012	1.96	.00556	.000	1						
S3	1.2500	1.2464	-.004	-.292	.01080	.000	1						
S4	2.5000	2.5297	.030	1.19	.02186	.000	1						
S5	5.0000	4.9763	-.024	-.474	.04291	.000	1						



Zn 213.856 {158}

Date of Fit: 9/7/2018 18:20:08

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000080

Re-Slope: 1.000000

A1 (Gain): 0.005136

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999951

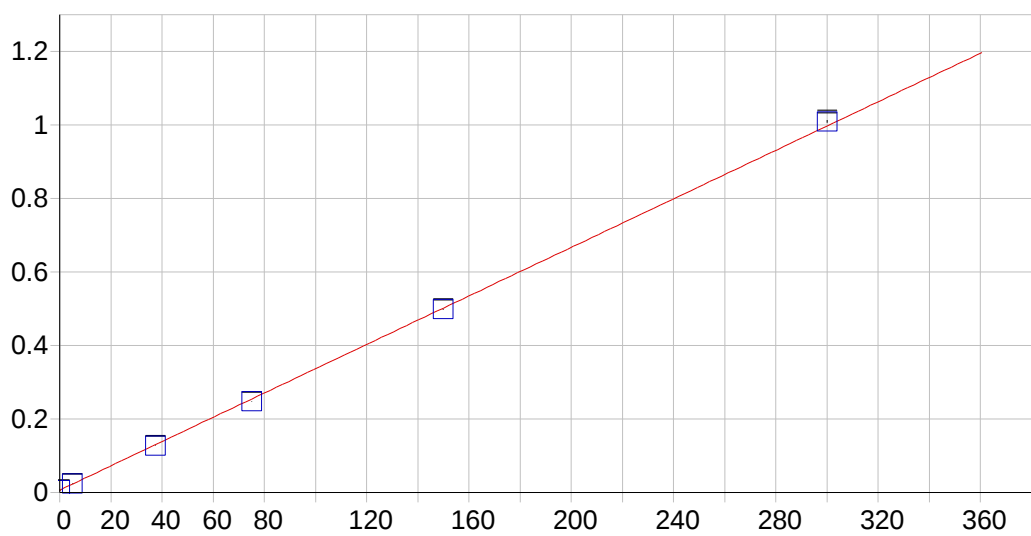
Status: OK.

Std Error of Est: 0.000004

Predicted MDL: 0.021846

Predicted MQL: 0.072820

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00008	.000	1
S1	.06000	.05298	-.007	-11.7	.00019	.000	1
S2	3.7500	3.8191	.069	1.84	.01963	.000	1
S3	7.5000	7.4237	-.076	-1.02	.03823	.000	1
S4	15.000	15.168	.168	1.12	.07819	.001	1
S5	30.000	29.846	-.154	-.512	.15395	.002	1



K 769.896 { 44}

Date of Fit: 9/7/2018 18:20:08

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.006518

Re-Slope: 1.000000

A1 (Gain): 0.003302

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999882

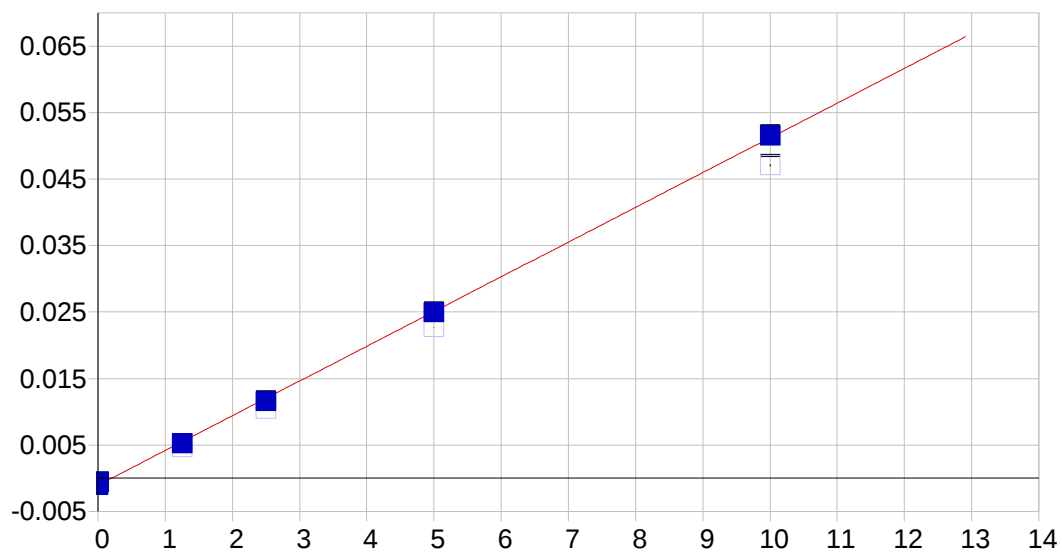
Status: OK.

Std Error of Est: 0.000105

Predicted MDL: 0.165300

Predicted MQL: 0.551000

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00012	.000	.000	.00652	.000	1
S1	5.0000	5.1031	.103	2.06	.02337	.000	1
S2	37.500	36.618	-.882	-2.35	.12744	.000	1
S3	75.000	72.917	-2.08	-2.78	.24730	.001	1
S4	150.00	149.07	-.932	-.621	.49877	.002	1
S5	300.00	303.79	3.79	1.26	1.0097	.004	1



P 177.495 {490}

Date of Fit: 9/7/2018 18:20:08

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001044

Re-Slope: 1.000000

A1 (Gain): 0.005224

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.977222

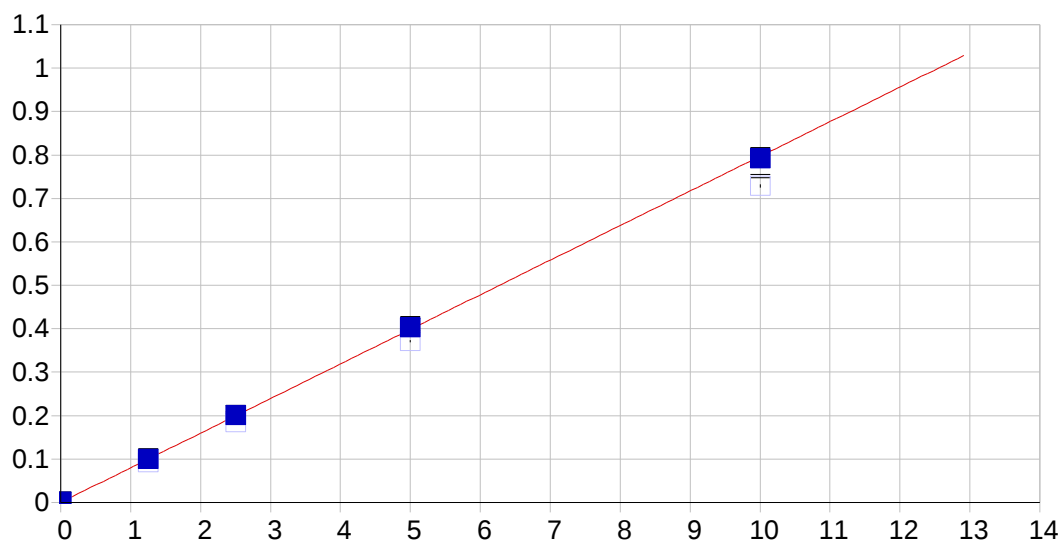
Status: OK.

Std Error of Est: 0.000017

Predicted MDL: 0.007101

Predicted MQL: 0.023669

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00008	.000	.000	-.00104	.000	1
S1	.01000	.09559	.086	856.	-.00055	.000	1
S2	1.2500	1.1975	-.053	-4.20	.00465	.000	1
S3	2.5000	2.4182	-.082	-3.27	.01046	.000	1
S4	5.0000	4.9796	-.020	-.408	.02272	.000	1
S5	10.000	10.067	.067	.671	.04704	.000	1



B 249.678 {135}

Date of Fit: 9/7/2018 18:20:08

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000264

Re-Slope: 1.000000

A1 (Gain): 0.079666

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999950

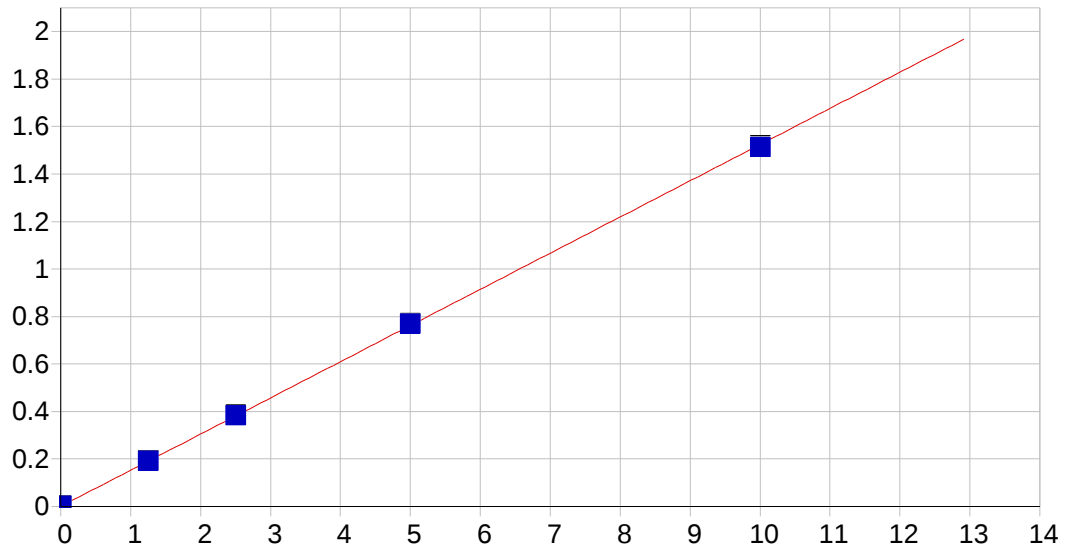
Status: OK.

Std Error of Est: 0.000012

Predicted MDL: 0.002110

Predicted MQL: 0.007033

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00026	.000	1
S1	.01000	.00770	-.002	-23.0	.00086	.000	1
S2	1.2500	1.2529	.003	.233	.09219	.002	1
S3	2.5000	2.5116	.012	.463	.18458	.001	1
S4	5.0000	5.0533	.053	1.07	.37129	.002	1
S5	10.000	9.9346	-.065	-.654	.72862	.003	1



Mo 202.030 {467}

Date of Fit: 9/7/2018 18:20:08

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000165

Re-Slope: 1.000000

A1 (Gain): 0.152396

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999969

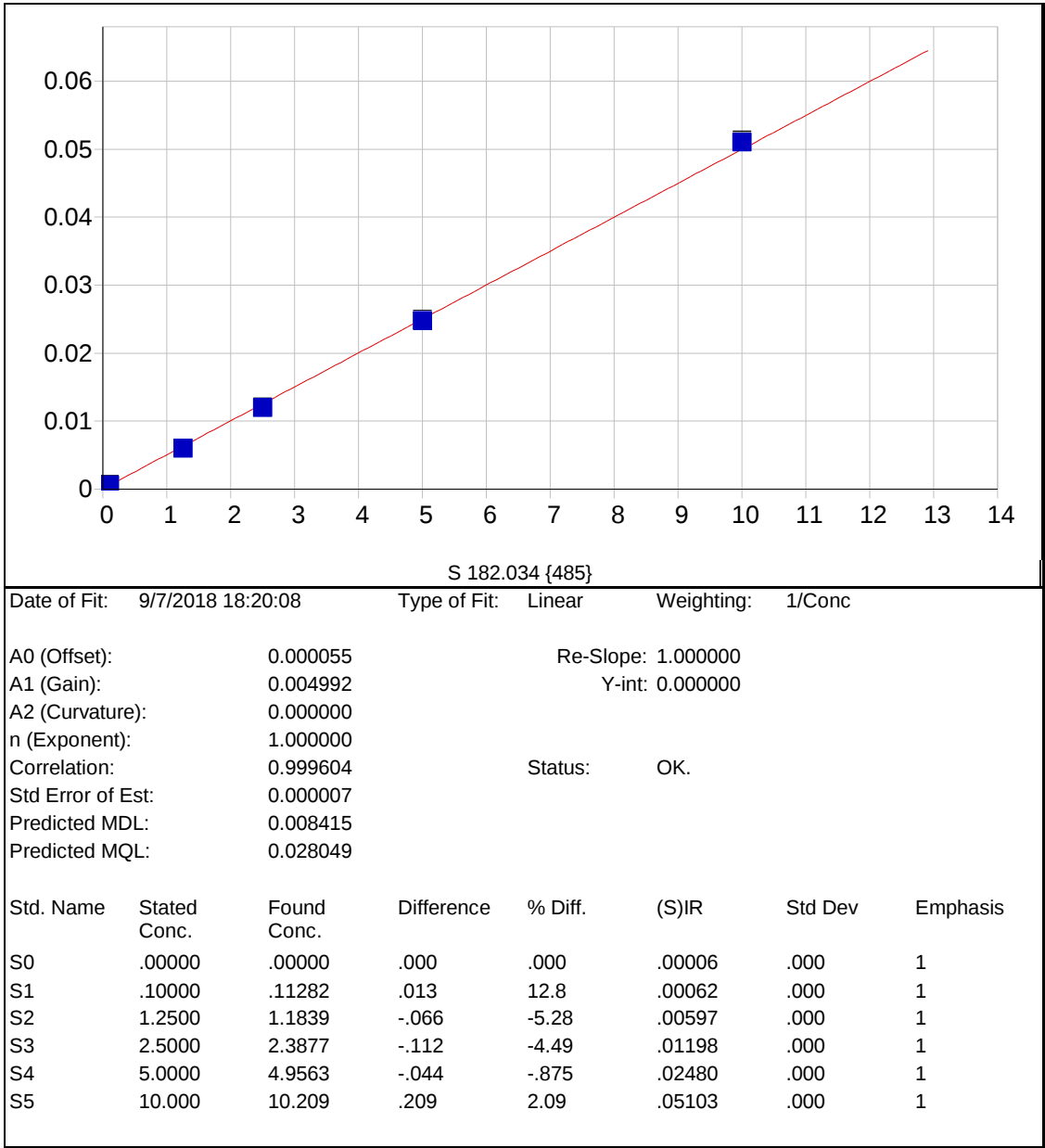
Status: OK.

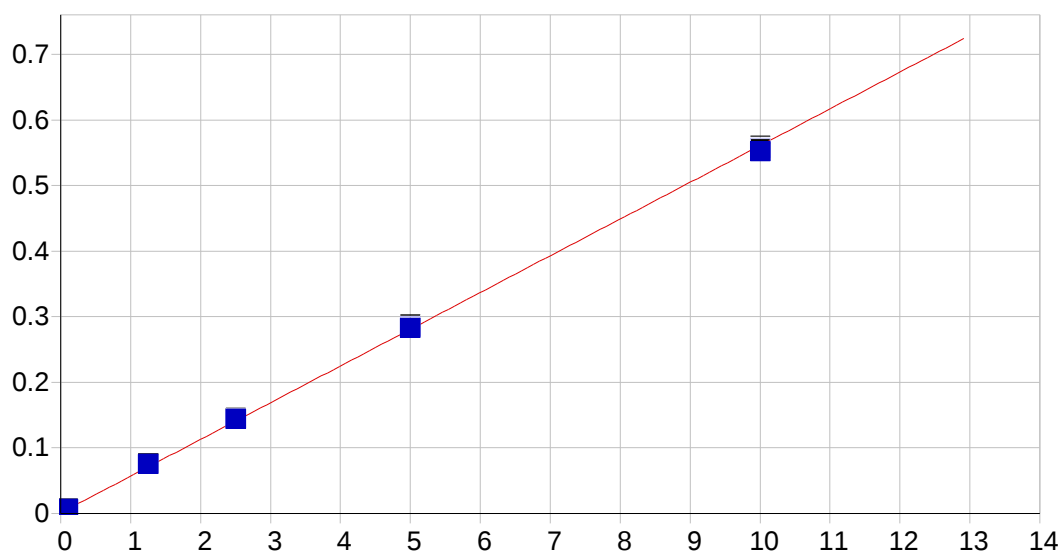
Std Error of Est: 0.000020

Predicted MDL: 0.000570

Predicted MQL: 0.001901

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00016	.000	1
S1	.01000	.01107	.001	10.7	.00185	.000	1
S2	1.2500	1.2632	.013	1.06	.19266	.001	1
S3	2.5000	2.5138	.014	.550	.38323	.002	1
S4	5.0000	5.0412	.041	.825	.76840	.003	1
S5	10.000	9.9307	-.069	-.693	1.5135	.006	1





Si 251.611 {134}

Date of Fit: 9/7/2018 18:20:08

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000917

Re-Slope: 1.000000

A1 (Gain): 0.056018

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999798

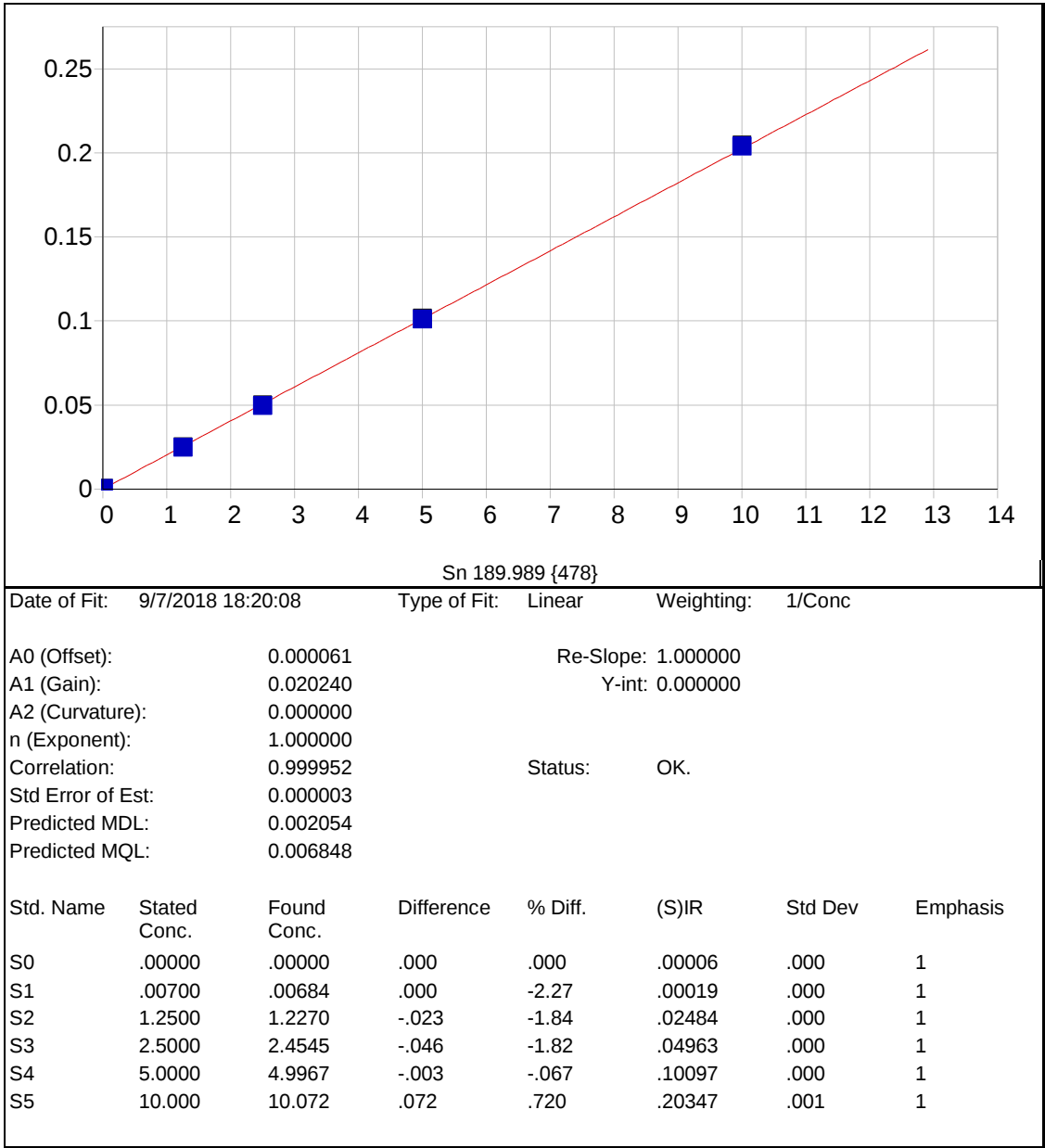
Status: OK.

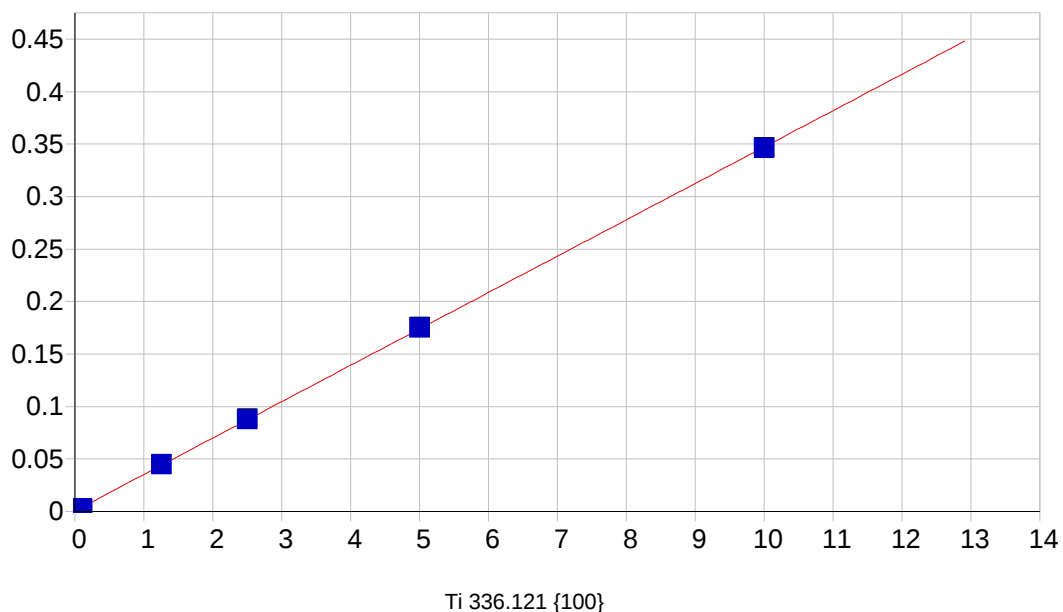
Std Error of Est: 0.000060

Predicted MDL: 0.002659

Predicted MQL: 0.008862

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00092	.000	1
S1	.10000	.10021	.000	.209	.00655	.000	1
S2	1.2500	1.3231	.073	5.85	.07561	.001	1
S3	2.5000	2.5487	.049	1.95	.14484	.001	1
S4	5.0000	5.0311	.031	.621	.28504	.003	1
S5	10.000	9.8469	-.153	-1.53	.55711	.003	1





Date of Fit: 9/7/2018 18:20:08

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000618

Re-Slope: 1.000000

A1 (Gain): 0.034656

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999322

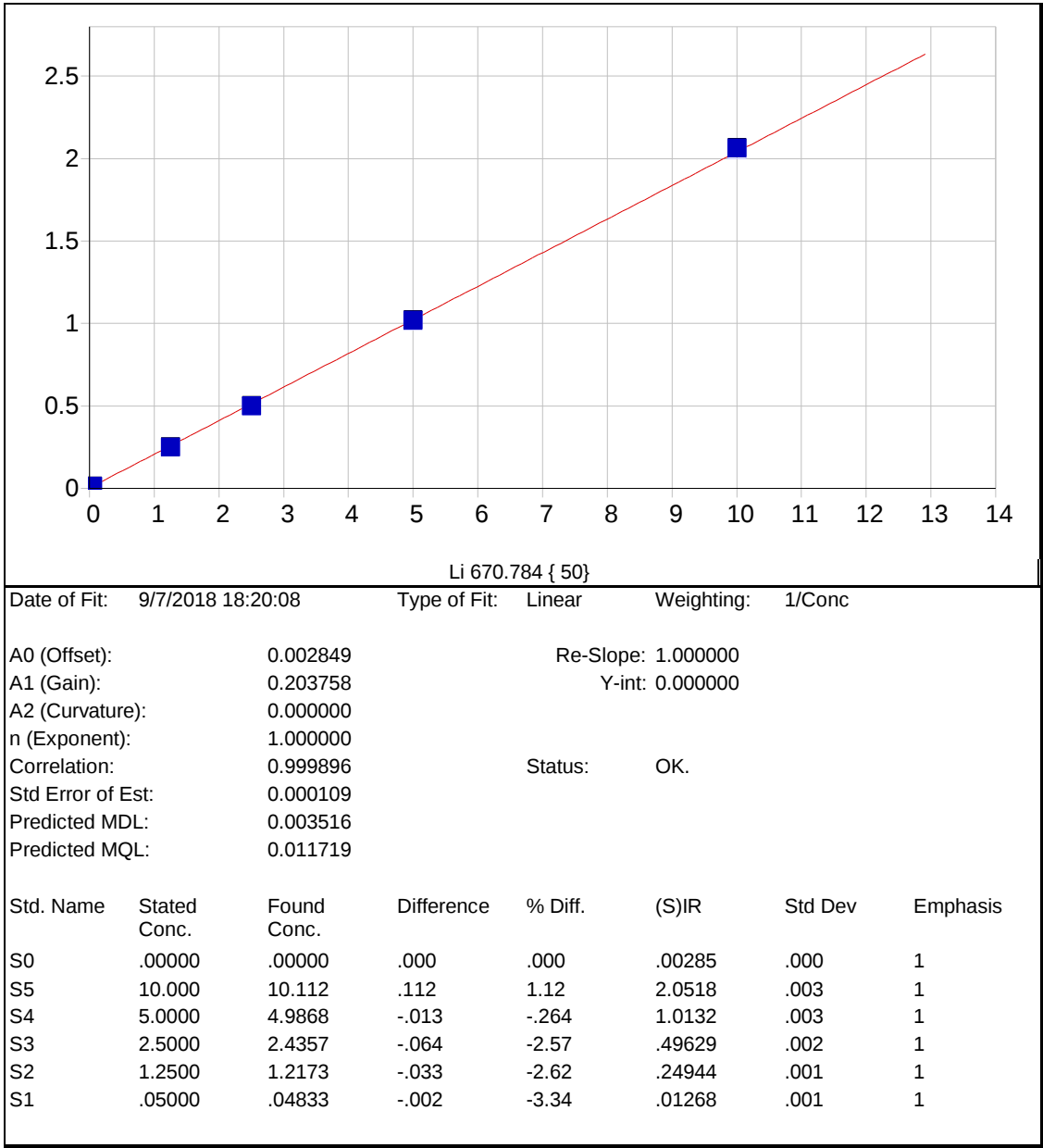
Status: OK.

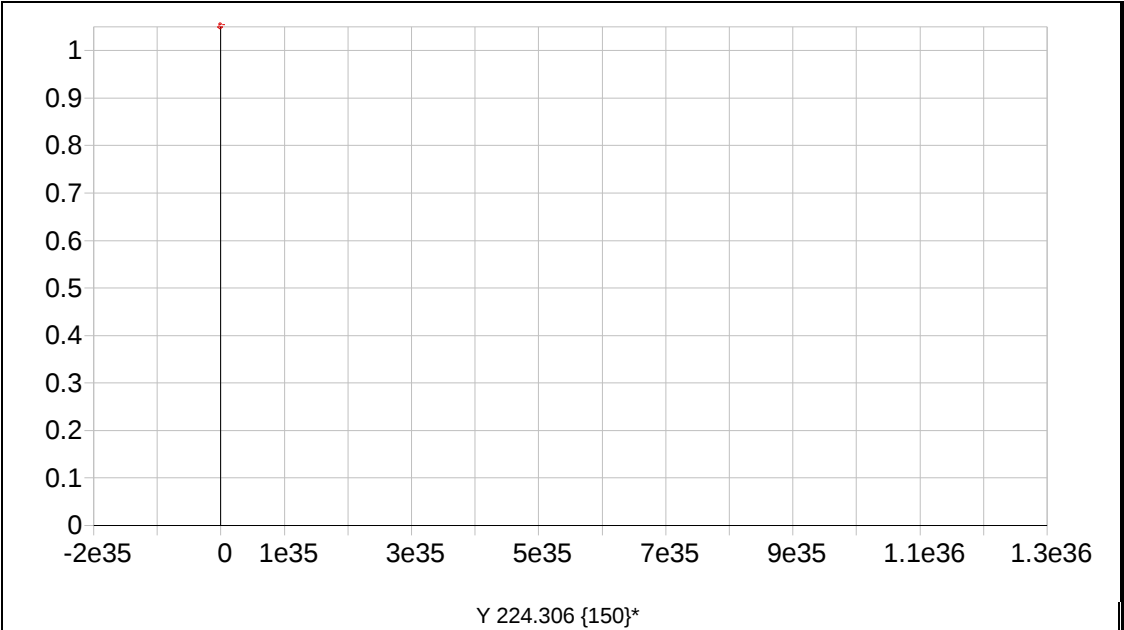
Std Error of Est: 0.000068

Predicted MDL: 0.004922

Predicted MQL: 0.016407

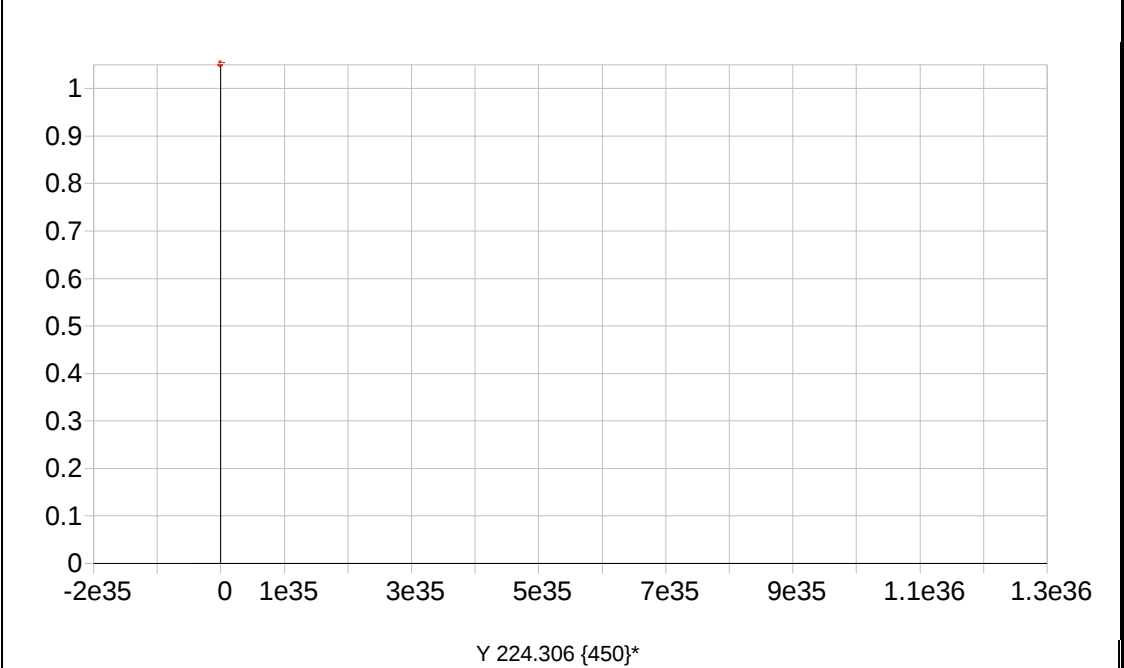
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00005	.000	.000	.00062	.000	1
S1	.10000	.05031	-.050	-49.7	.00236	.000	1
S2	1.2500	1.2715	.022	1.72	.04467	.000	1
S3	2.5000	2.5196	.020	.784	.08790	.000	1
S4	5.0000	5.0361	.036	.723	.17508	.000	1
S5	10.000	9.9724	-.028	-.276	.34609	.000	1



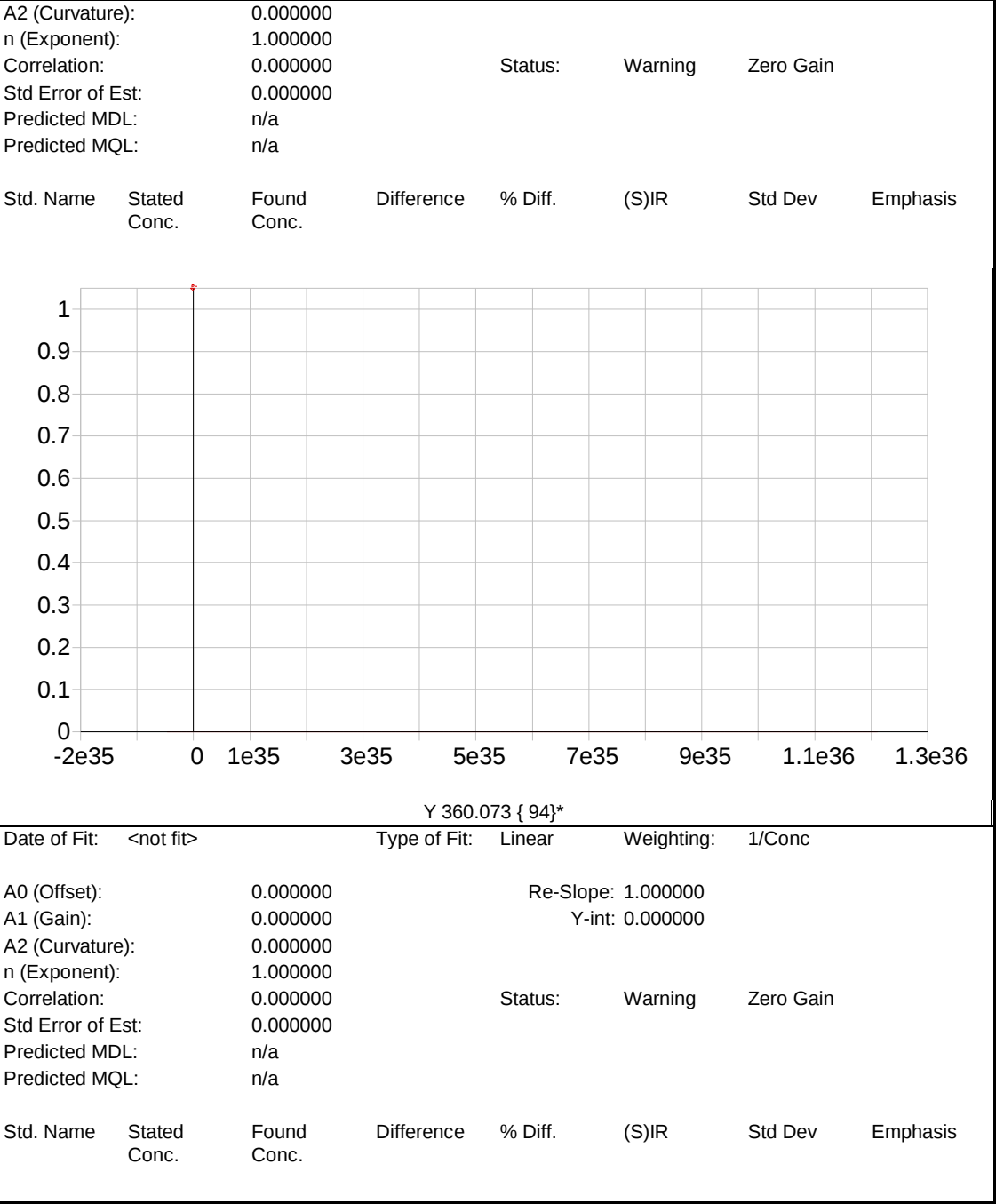


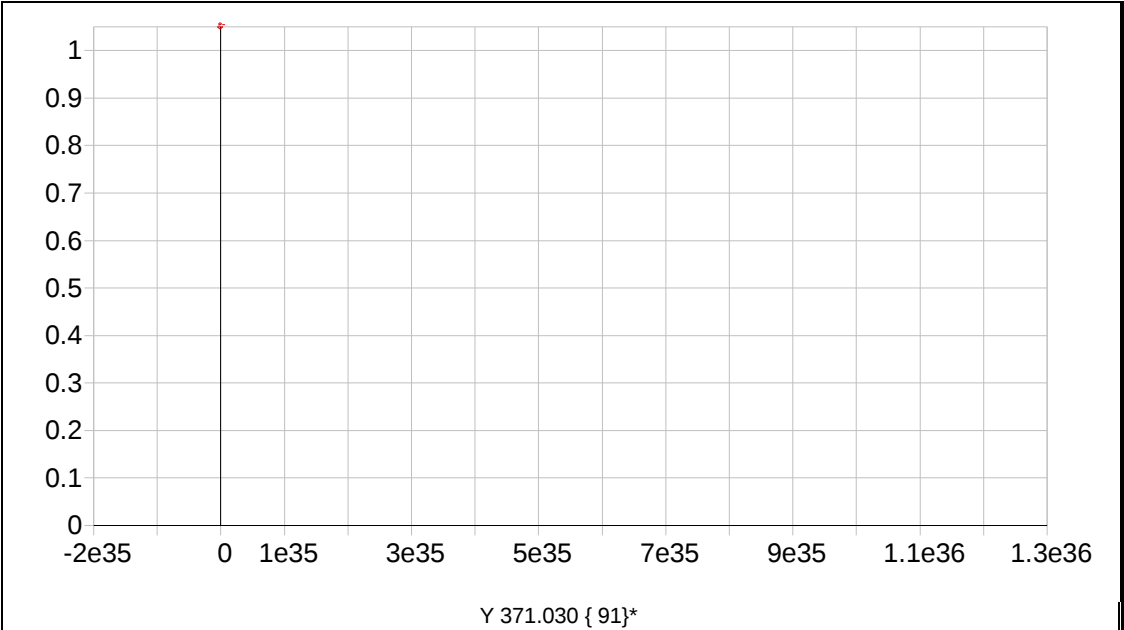
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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



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

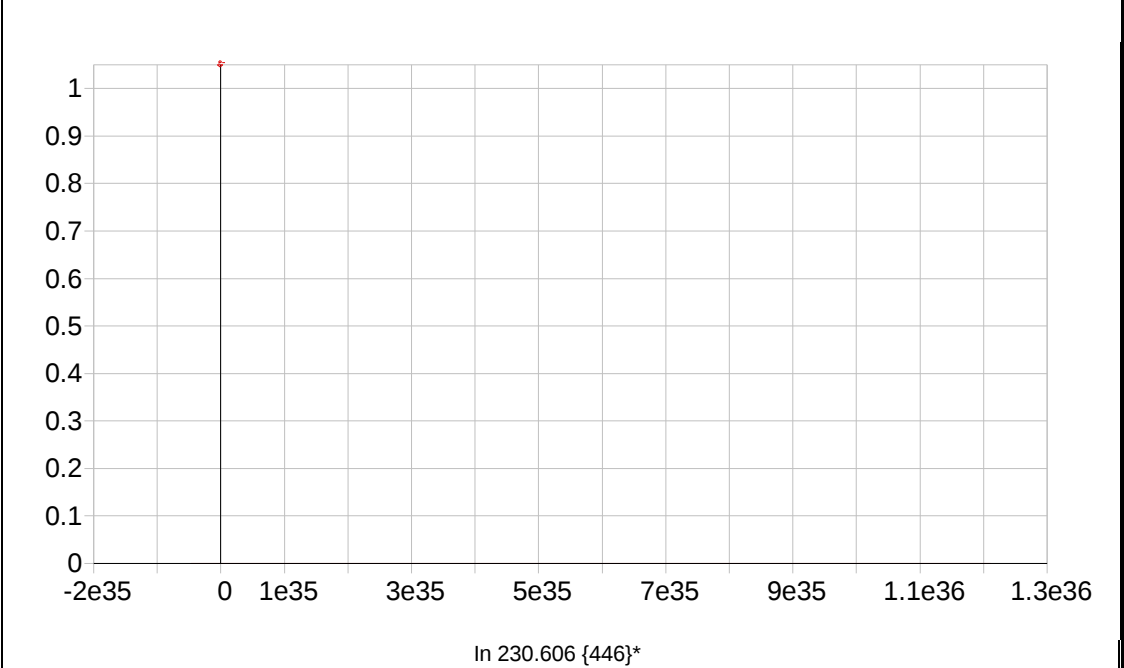




Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

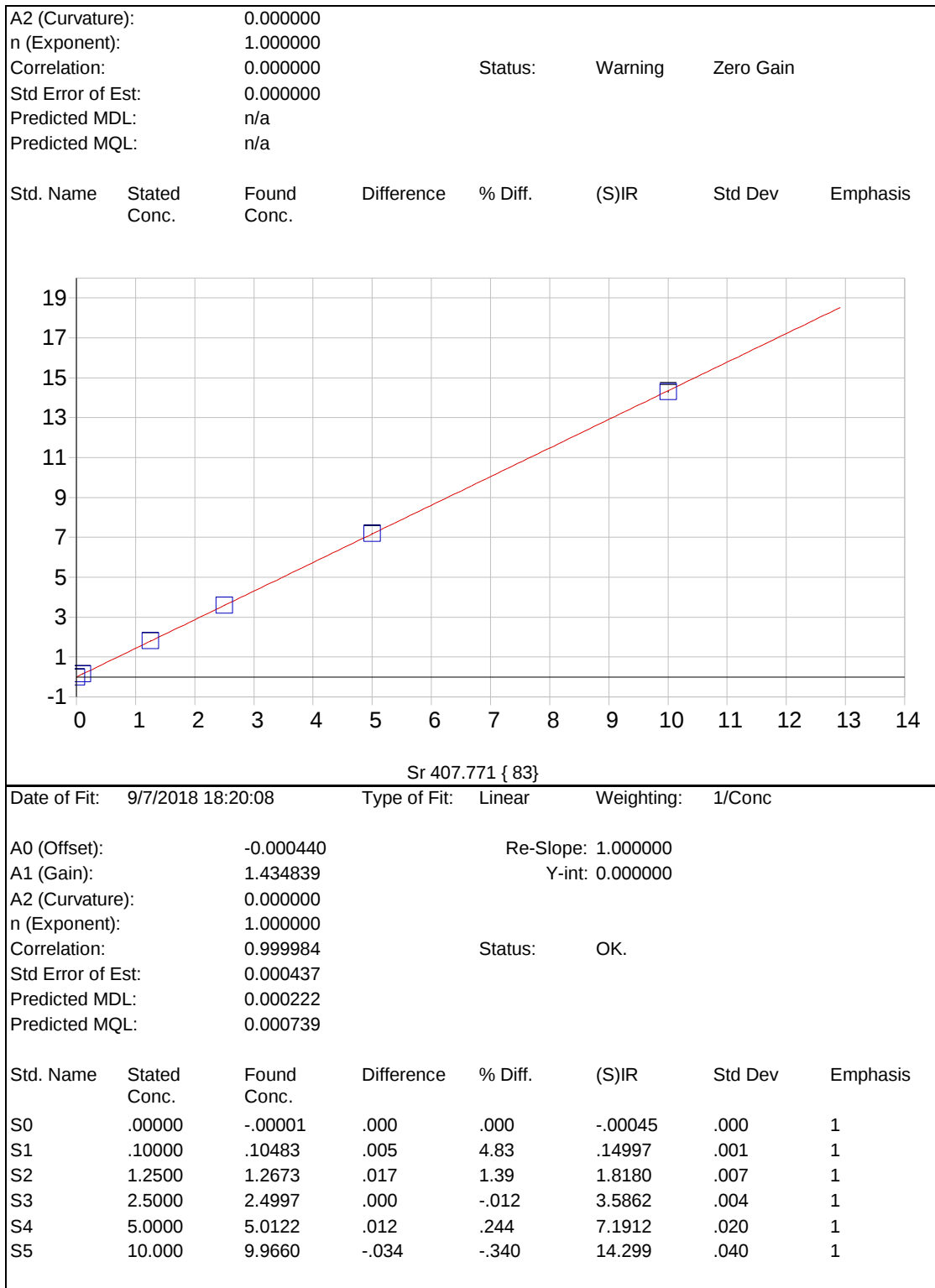
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

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



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

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



Sample Name: S0 Acquired: 9/7/2018 16:09:09 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) 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	-.00012	-.00020	.00001	.00017	.00035	.00076	.00308	-.00067
Stddev	.00001	.00002	.00008	.00003	.00009	.00017	.00057	.00014
%RSD	10.738	12.111	658.43	20.412	24.561	21.718	18.541	20.507

#1	-.00013	-.00020	.00008	.00016	.00045	.00074	.00304	-.00078
#2	-.00011	-.00017	-.00007	.00021	.00030	.00061	.00367	-.00071
#3	-.00012	-.00022	.00002	.00014	.00031	.00094	.00253	-.00052

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	.00032	.00060	-.00001	-.00022	.00056	-.00001	-.00003	-.00005
Stddev	.00009	.00005	.00002	.00008	.00002	.00006	.00001	.00003
%RSD	27.181	7.8598	163.83	38.315	3.5772	1019.8	45.876	51.305

#1	.00042	.00055	.00001	-.00013	.00058	-.00004	-.00004	-.00002
#2	.00030	.00065	-.00001	-.00029	.00055	-.00004	-.00002	-.00007
#3	.00025	.00061	-.00003	-.00025	.00055	.00006	-.00002	-.00005

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	-.00097	-.00093	.00095	.00007	-.00008	.00652	-.00104	.00026
Stddev	.00002	.00003	.00022	.00008	.00006	.00043	.00002	.00015
%RSD	2.2146	3.2547	23.015	110.55	81.578	6.6167	2.3088	58.254

#1	-.00095	-.00096	.00120	.00001	-.00012	.00605	-.00102	.00009
#2	-.00099	-.00094	.00079	.00004	.00000	.00689	-.00105	.00034
#3	-.00097	-.00090	.00086	.00016	-.00012	.00662	-.00107	.00037

Elem	Mo2020	S_ 1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00016	.00006	.00092	.00006	.00062	.00285	-.00045	
Stddev	.00009	.00004	.00007	.00001	.00018	.00010	.00027	
%RSD	52.778	72.538	7.3849	16.288	28.331	3.5544	60.259	

#1	.00025	.00006	.00092	.00007	.00074	.00274	-.00046	
#2	.00008	.00009	.00098	.00007	.00071	.00286	-.00017	
#3	.00016	.00001	.00085	.00005	.00042	.00295	-.00071	

Sample Name: S0 Acquired: 9/7/2018 16:09:09 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) 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	6837.8	7772.1	161880.	19018.	11044.
Stddev	25.5	12.3	921.	57.	15.
%RSD	.37337	.15853	.56921	.30148	.13195
#1	6816.1	7769.0	160850.	18952.	11048.
#2	6831.4	7785.6	162150.	19048.	11056.
#3	6865.9	7761.5	162640.	19055.	11027.

Sample Name: S1 Acquired: 9/7/2018 16:13:17 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) 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	-.00007	.00005	.00033	.00071	.00247	.00347	.12062	.00531
Stddev	.00001	.00005	.00006	.00004	.00010	.00013	.00131	.00010
%RSD	17.500	109.81	17.511	5.2968	4.0435	3.6848	1.0846	1.8464

#1	-.00009	.00000	.00038	.00072	.00236	.00342	.12213	.00522
#2	-.00007	.00010	.00032	.00075	.00256	.00361	.11975	.00529
#3	-.00007	.00005	.00027	.00067	.00247	.00337	.11998	.00541

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	.00305	.03113	.00028	.00722	.00085	.00021	.00042	.00495
Stddev	.00006	.00012	.00001	.00007	.00009	.00003	.00004	.00013
%RSD	2.1124	.36996	4.2506	.92248	10.097	15.093	8.5861	2.5635

#1	.00312	.03124	.00029	.00715	.00091	.00019	.00044	.00509
#2	.00300	.03114	.00028	.00723	.00075	.00025	.00045	.00492
#3	.00303	.03101	.00027	.00729	.00087	.00020	.00038	.00484

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	.00389	-.00056	.00585	.00039	.00019	.02337	-.00055	.00086
Stddev	.00011	.00001	.00043	.00007	.00009	.00023	.00003	.00001
%RSD	2.8445	1.5304	7.4031	18.739	47.119	.98960	5.7915	.70628

#1	.00377	-.00056	.00550	.00044	.00019	.02352	-.00052	.00086
#2	.00397	-.00057	.00634	.00042	.00028	.02310	-.00054	.00087
#3	.00394	-.00055	.00571	.00031	.00010	.02348	-.00058	.00085

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	.00185	.00062	.00655	.00019	.00236	.01268	.14997	
Stddev	.00010	.00003	.00005	.00001	.00007	.00063	.00083	
%RSD	5.2028	4.2616	.83550	7.1541	2.7823	4.9392	.55024	

#1	.00179	.00061	.00659	.00020	.00243	.01336	.15092	
#2	.00180	.00065	.00657	.00020	.00230	.01253	.14948	
#3	.00196	.00060	.00649	.00018	.00236	.01214	.14950	

Sample Name: S1 Acquired: 9/7/2018 16:13:17 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) 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	6877.7	7761.2	162200.	18950.	11087.
Stddev	25.0	17.2	709.	96.	24.
%RSD	.36357	.22121	.43685	.50460	.21321
#1	6864.2	7758.1	161510.	18841.	11078.
#2	6862.3	7779.7	162180.	18991.	11113.
#3	6906.5	7745.8	162920.	19019.	11069.

Sample Name: S2 Acquired: 9/7/2018 16:17:25 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) 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	.00745	.01119	.16548	.01759	.04059	.44432	1.4123	.13540
Stddev	.00004	.00008	.00058	.00011	.00009	.00158	.0045	.00139
%RSD	.56922	.67098	.35331	.64862	.22248	.35542	.32022	1.0297

#1	.00749	.01119	.16590	.01766	.04061	.44559	1.4153	.13699
#2	.00740	.01112	.16481	.01746	.04049	.44483	1.4145	.13482
#3	.00747	.01127	.16573	.01765	.04067	.44255	1.4071	.13439

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	.31031	.38430	.10077	.08544	.06087	.08837	.11007	.06045
Stddev	.00164	.00087	.00021	.00044	.00017	.00052	.00008	.00017
%RSD	.52705	.22757	.21288	.50959	.27635	.59268	.06840	.28405

#1	.30999	.38480	.10054	.08539	.06068	.08779	.11008	.06050
#2	.30885	.38480	.10080	.08504	.06100	.08882	.11015	.06058
#3	.31208	.38329	.10096	.08590	.06093	.08849	.11000	.06026

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	.06831	.01001	.03997	.00556	.01963	.12744	.00465	.09219
Stddev	.00026	.00010	.00043	.00009	.00038	.00035	.00005	.00150
%RSD	.37443	1.0163	1.0645	1.5320	1.9448	.27611	1.1662	1.6274

#1	.06823	.01010	.04018	.00552	.01971	.12733	.00464	.09386
#2	.06810	.01002	.04025	.00551	.01996	.12783	.00460	.09095
#3	.06860	.00990	.03948	.00566	.01921	.12715	.00470	.09177

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	.19266	.00597	.07561	.02484	.04467	.24944	1.8180	
Stddev	.00056	.00004	.00092	.00011	.00007	.00128	.0071	
%RSD	.29220	.71189	1.2144	.43231	.15292	.51511	.39000	

#1	.19239	.00592	.07664	.02486	.04460	.25091	1.8212	
#2	.19229	.00600	.07531	.02472	.04474	.24894	1.8229	
#3	.19331	.00598	.07487	.02494	.04466	.24849	1.8098	

Sample Name: S2 Acquired: 9/7/2018 16:17:25 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) 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	6796.4	7634.6	161380.	18931.	10783.
Stddev	103.3	6.3	1164.	106.	7.
%RSD	1.5201	.08234	.72127	.56050	.06815
#1	6714.9	7641.8	160450.	18809.	10778.
#2	6761.7	7631.9	161020.	18983.	10792.
#3	6912.6	7630.2	162690.	19000.	10780.

Sample Name: S3 Acquired: 9/7/2018 16:21:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) 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	.01501	.02238	.33379	.03439	.07946	.88332	2.7924	.26683
Stddev	.00015	.00021	.00158	.00014	.00019	.00182	.0065	.00127
%RSD	.97287	.92659	.47239	.40034	.24486	.20612	.23156	.47690

#1	.01489	.02232	.33227	.03424	.07933	.88134	2.7870	.26812
#2	.01496	.02222	.33368	.03440	.07935	.88492	2.7906	.26679
#3	.01517	.02262	.33542	.03452	.07968	.88369	2.7996	.26558

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	.61558	.74411	.19773	.17056	.11832	.17191	.21595	.11830
Stddev	.00260	.00218	.00029	.00089	.00017	.00014	.00079	.00054
%RSD	.42215	.29264	.14431	.52312	.14328	.08383	.36431	.45809

#1	.61407	.74292	.19794	.17008	.11829	.17183	.21593	.11848
#2	.61408	.74280	.19784	.17001	.11816	.17183	.21517	.11769
#3	.61858	.74663	.19740	.17159	.11850	.17208	.21675	.11872

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	.13633	.02096	.07877	.01080	.03823	.24730	.01046	.18458
Stddev	.00059	.00007	.00044	.00008	.00033	.00057	.00011	.00084
%RSD	.43520	.35350	.56474	.78308	.87346	.23205	1.0300	.45430

#1	.13581	.02088	.07827	.01082	.03786	.24796	.01036	.18550
#2	.13619	.02103	.07912	.01088	.03834	.24704	.01045	.18436
#3	.13698	.02097	.07892	.01071	.03850	.24691	.01058	.18387

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	.38323	.01198	.14484	.04963	.08790	.49629	3.5862	
Stddev	.00174	.00007	.00076	.00021	.00014	.00214	.0039	
%RSD	.45381	.54433	.52343	.42802	.15660	.43051	.10977	

#1	.38238	.01191	.14561	.04946	.08806	.49431	3.5880	
#2	.38209	.01200	.14481	.04956	.08787	.49599	3.5817	
#3	.38524	.01203	.14410	.04987	.08779	.49856	3.5889	

Sample Name: S3 Acquired: 9/7/2018 16:21:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) 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	6746.6	7523.4	160130.	18923.	10523.
Stddev	61.3	20.3	830.	42.	31.
%RSD	.90861	.27022	.51839	.22139	.29162
#1	6816.5	7524.1	161020.	18905.	10533.
#2	6721.5	7543.4	160000.	18970.	10547.
#3	6701.8	7502.8	159380.	18892.	10488.

Sample Name: S4 Acquired: 9/7/2018 16:25:17 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) 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	.03047	.04505	.68308	.06816	.15705	1.7893	5.6447	.53209
Stddev	.00024	.00017	.00283	.00010	.00070	.0024	.0167	.00456
%RSD	.77293	.36710	.41380	.14962	.44776	.13461	.29659	.85753

#1	.03034	.04496	.68179	.06824	.15700	1.7878	5.6274	.53714
#2	.03032	.04495	.68112	.06804	.15638	1.7881	5.6609	.53086
#3	.03074	.04524	.68632	.06818	.15778	1.7921	5.6459	.52827

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	1.2342	1.4696	.39127	.34513	.23566	.33939	.43172	.23736
Stddev	.0038	.0027	.00032	.00103	.00042	.00125	.00094	.00100
%RSD	.31056	.18098	.08277	.29746	.17973	.36715	.21781	.42152

#1	1.2340	1.4687	.39099	.34458	.23538	.33952	.43179	.23795
#2	1.2304	1.4727	.39120	.34450	.23545	.34057	.43262	.23793
#3	1.2381	1.4676	.39163	.34632	.23615	.33809	.43075	.23621

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	.27517	.04355	.15805	.02186	.07819	.49877	.02272	.37129
Stddev	.00116	.00010	.00035	.00016	.00088	.00193	.00004	.00245
%RSD	.42201	.23852	.21947	.75282	1.1232	.38621	.17489	.66119

#1	.27509	.04344	.15773	.02170	.07718	.50099	.02274	.37399
#2	.27405	.04355	.15842	.02203	.07862	.49767	.02267	.37070
#3	.27637	.04365	.15801	.02186	.07877	.49764	.02274	.36919

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	.76840	.02480	.28504	.10097	.17508	1.0132	7.1912	
Stddev	.00324	.00009	.00299	.00030	.00024	.0030	.0197	
%RSD	.42119	.36653	1.0500	.30196	.13938	.29455	.27394	

#1	.76707	.02478	.28847	.10102	.17497	1.0098	7.2137	
#2	.76604	.02473	.28373	.10064	.17536	1.0155	7.1770	
#3	.77209	.02491	.28293	.10125	.17492	1.0143	7.1830	

Sample Name: S4 Acquired: 9/7/2018 16:25:17 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) 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	6557.8	7323.5	157050.	18860.	10060.
Stddev	17.3	13.7	311.	156.	10.
%RSD	.26321	.18768	.19823	.82673	.09746
#1	6574.0	7338.4	157410.	18684.	10066.
#2	6559.7	7320.8	156860.	18916.	10066.
#3	6539.6	7311.4	156890.	18981.	10049.

Sample Name: S5 Acquired: 9/7/2018 16:29:09 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) 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	.06095	.08859	1.3912	.13096	.30466	3.6306	11.199	1.0394
Stddev	.00060	.00039	.0046	.00083	.00162	.0081	.025	.0034
%RSD	.98985	.44120	.33181	.63036	.53168	.22413	.22508	.32911

#1	.06040	.08845	1.3884	.13041	.30369	3.6213	11.228	1.0432
#2	.06084	.08829	1.3885	.13056	.30376	3.6365	11.188	1.0383
#3	.06160	.08903	1.3965	.13191	.30653	3.6340	11.181	1.0367

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	2.4526	2.8600	.76494	.68921	.46719	.66128	.85319	.47343
Stddev	.0070	.0092	.00088	.00237	.00107	.00204	.00046	.00134
%RSD	.28590	.31985	.11483	.34443	.22996	.30864	.05433	.28207

#1	2.4512	2.8694	.76595	.68788	.46710	.66320	.85334	.47427
#2	2.4465	2.8512	.76443	.68780	.46617	.65914	.85355	.47189
#3	2.4603	2.8593	.76444	.69195	.46831	.66151	.85267	.47412

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	.54701	.08728	.31661	.04291	.15395	1.0097	.04704	.72862
Stddev	.00193	.00066	.00048	.00015	.00157	.0036	.00015	.00328
%RSD	.35365	.76186	.15033	.35021	1.0185	.35740	.32028	.45013

#1	.54727	.08774	.31616	.04307	.15468	1.0073	.04698	.73197
#2	.54496	.08759	.31711	.04289	.15502	1.0080	.04692	.72847
#3	.54881	.08652	.31656	.04277	.15215	1.0138	.04721	.72542

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	1.5135	.05103	.55711	.20347	.34609	2.0518	14.299	
Stddev	.0061	.00026	.00312	.00058	.00021	.0033	.040	
%RSD	.40134	.51238	.55991	.28384	.06014	.16302	.27676	

#1	1.5089	.05094	.56038	.20368	.34616	2.0556	14.285	
#2	1.5112	.05083	.55677	.20282	.34586	2.0492	14.268	
#3	1.5204	.05133	.55417	.20392	.34625	2.0506	14.344	

Sample Name: S5 Acquired: 9/7/2018 16:29:09 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) 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	6411.2	7099.6	154090.	18538.	9530.5
Stddev	25.5	11.3	103.	105.	10.8
%RSD	.39733	.15903	.06678	.56417	.11335
#1	6393.2	7105.0	154150.	18568.	9523.9
#2	6400.1	7107.2	154160.	18624.	9543.0
#3	6440.4	7086.7	153980.	18421.	9524.8

Sample Name: S6 Acquired: 9/7/2018 16:32:59 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) 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	9.8719	4.7774	1.8301	.81591	.88852
Stddev	.0198	.0058	.0015	.00097	.00111
%RSD	.20100	.12180	.08250	.11877	.12496

#1	9.8514	4.7761	1.8302	.81518	.88732
#2	9.8910	4.7723	1.8285	.81554	.88951
#3	9.8733	4.7838	1.8315	.81701	.88875

Int. Std.	Y_3710
Units	Cts/S
Avg	18507.
Stddev	65.
%RSD	.35251

#1	18566.
#2	18437.
#3	18518.

Sample Name: ICV Acquired: 9/7/2018 16:37:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.032631	1.044727	.9922226	1.060116	1.050824	2.436564
Stddev	.004246	.004682	.0052505	.006488	.003126	.025055
%RSD	.4111715	.4481418	.5291657	.6119938	.2975255	1.028311

#1	1.028483	1.050133	.9862117	1.067306	1.052284	2.411159
#2	1.036969	1.042067	.9945431	1.054697	1.047234	2.437277
#3	1.032442	1.041982	.9959131	1.058346	1.052953	2.461254

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5281151	.4997513	.5150088	10.22152	.5275156	.5101814
Stddev	.0013962	.0019184	.0023565	.04805	.0006945	.0023084
%RSD	.2643670	.3838732	.4575665	.4700689	.1316540	.4524739

#1	.5296059	.4987175	.5139783	10.19348	.5269225	.5092507
#2	.5279013	.5019649	.5133431	10.27700	.5282796	.5084836
#3	.5268382	.4985715	.5177051	10.19408	.5273447	.5128099

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5228605	5.416395	.5188392	5.772957	.5231500	.5475998
Stddev	.0046761	.049299	.0042224	.117990	.0025029	.0029427
%RSD	.8943256	.9101841	.8138192	2.043838	.4784267	.5373722

#1	.5176709	5.471031	.5168173	5.865794	.5205278	.5453440
#2	.5267462	5.375235	.5236924	5.812894	.5234088	.5465270
#3	.5241644	5.402920	.5160079	5.640181	.5255135	.5509283

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.28010	.5243640	1.011333	10.20019	F .0201837	F 2.203678
Stddev	.46274	.0157595	.049747	.24391	.0071958	.007847
%RSD	4.501286	3.005449	4.918962	2.391273	35.65153	.3560750

#1	10.75017	.5077419	.955694	10.21301	.0136311	2.198296
#2	9.82507	.5262607	1.051522	9.95012	.0278846	2.212681
#3	10.26505	.5390892	1.026783	10.43744	.0190354	2.200056

Sample Name: ICV Acquired: 9/7/2018 16:37:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) 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 2.286841	.0114834	2.212749	F 2.253453	2.341165	.0185278
Stddev	.008107	.0047591	.011660	.013012	.009539	.0010950
%RSD	.3545042	41.44317	.5269278	.5774262	.4074461	5.910103

#1	2.282258	.0092253	2.200358	2.264775	2.347769	.0181849
#2	2.282065	.0082738	2.223505	2.239238	2.330228	.0197532
#3	2.296202	.0169513	2.214385	2.256345	2.345497	.0176452

Elem	Sr4077
Units	ppm
Avg	.0168811
Stddev	.0000908
%RSD	.5381879

#1	.0169779
#2	.0168678
#3	.0167976

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6955.432	7742.705	164412.4	19278.59	11041.42
Stddev	25.387	26.451	449.6	78.20	35.24
%RSD	.3649918	.3416277	.2734442	.4056397	.3191889

#1	6950.618	7768.422	164208.2	19189.77	11068.65
#2	6982.882	7744.117	164927.8	19308.87	11054.00
#3	6932.798	7715.576	164101.2	19337.12	11001.62

Sample Name: ICB Acquired: 9/7/2018 16:41:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) 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	.0007355	.0031134	.0007525	.0022766	.0017955	.0059271	-.000099
Stddev	.0040494	.0013999	.0040161	.0056744	.0028414	.0099574	.000790
%RSD	550.5275	44.96145	533.7139	249.2445	158.2485	167.9966	796.7468

#1	.0017630	.0031553	-.003845	.0026251	.0040106	-.005409	-.000608
#2	.0041723	.0016931	.002524	-.003564	.0027840	.013259	-.000500
#3	-.003729	.0044919	.003579	.007769	-.001408	.009931	.000811

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000049	-.000095	-.025373	.0005516	-.000163	-.003813	-.005471
Stddev	.000005	.000139	.020115	.0004834	.000435	.005043	.017217
%RSD	11.11133	145.2615	79.27796	87.62602	266.2401	132.2560	314.6807

#1	-.000042	-.000231	-.031920	.0008565	-.000115	.000667	-.014659
#2	-.000052	.000046	-.002800	-.000006	-.000620	-.002831	.014391
#3	-.000051	-.000101	-.041398	.000804	.000245	-.009274	-.016145

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010537	.0282007	.0000530	-.000834	-.097236	-.007809	-.018786
Stddev	.0014025	.0802298	.0002193	.000369	.311196	.004818	.017951
%RSD	133.0937	284.4963	413.5368	44.22387	320.0435	61.69357	95.55601

#1	-.000565	-.057451	.0000238	-.001238	.248466	-.010062	.001734
#2	.001911	.101598	.0002855	-.000517	-.355004	-.011087	-.031582
#3	.001815	.040455	-.000150	-.000745	-.185169	-.002278	-.026509

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1670850	-.003979	.0079957	.0001781	.0013181	.0013033	.0006523
Stddev	.0978767	.004255	.0008347	.0000597	.0024444	.0013325	.0003491
%RSD	58.57898	106.9407	10.43936	33.51045	185.4518	102.2399	53.51111

#1	.0687659	.000764	.0086635	.0001981	.0029624	.0000429	.0005388
#2	.1679759	-.005239	.0070599	.0002253	.0024826	.0011692	.0010440
#3	.2645132	-.007463	.0082637	.0001110	-.001491	.0026978	.0003742

Sample Name: ICB Acquired: 9/7/2018 16:41:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) 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	-.002525	.0048554	-.000060
Stddev	.002192	.0021321	.000223
%RSD	86.83060	43.91287	370.3642

#1	-.004804	.0030907	-.000041
#2	-.000431	.0042510	-.000292
#3	-.002340	.0072245	.000152

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6942.356	7775.589	163667.3	19122.62	11034.61
Stddev	13.536	17.900	394.2	50.73	12.70
%RSD	.1949804	.2302063	.2408631	.2652659	.1150591

#1	6932.357	7773.447	163813.4	19135.02	11045.14
#2	6957.760	7794.464	163967.5	19165.99	11038.19
#3	6936.951	7758.857	163220.9	19066.84	11020.51

Sample Name: ICSA Acquired: 9/7/2018 16:45:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) 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	.0046632	-.000206	.0026448	-.010787	.0011138	237.8685
Stddev	.0108683	.011239	.0016083	.007663	.0024650	.3956
%RSD	233.0647	5469.334	60.81054	71.03660	221.3189	.1663036

#1	.0148292	-.011387	.0026992	-.002056	-.001458	238.3073
#2	.0059527	-.000321	.0042252	-.016395	.001344	237.7590
#3	-.006792	.011091	.0010100	-.013910	.003456	237.5392

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056204	.0009985	-.000561	248.5307	.0582596	-.000805
Stddev	.0009057	.0001035	.000055	.0820	.0009472	.000755
%RSD	16.11481	10.36699	9.769801	.0329762	1.625921	93.79777

#1	.0057123	.0011074	-.000623	248.5108	.0579633	-.001602
#2	.0064766	.0009869	-.000537	248.6208	.0593195	-.000100
#3	.0046722	.0009013	-.000521	248.4605	.0574959	-.000712

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006575	102.4432	.0135338	250.8400	.0042812	-.002506
Stddev	.013446	.1841	.0017395	.6732	.0002247	.000642
%RSD	204.5036	.1797508	12.85288	.2683910	5.249498	25.61117

#1	-.021324	102.2343	.0115644	250.0855	.0041909	-.002091
#2	-.003401	102.5132	.0148603	251.0549	.0045370	-.003245
#3	.005000	102.5820	.0141767	251.3795	.0041156	-.002181

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4085574	-.009066	.0038057	-.147769	-.000323	F .1050293
Stddev	.2502391	.007160	.0054557	.078584	.004194	.0005379
%RSD	61.24943	78.97447	143.3561	53.18062	1298.338	.5121625

#1	.1213008	-.013064	-.002426	-.129989	-.005159	.1044722
#2	.5792468	-.013335	.006125	-.233720	.002313	.1050699
#3	.5251247	-.000800	.007718	-.079598	.001877	.1055457

Sample Name: ICSA Acquired: 9/7/2018 16:45:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) 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	.0016053	.0027633	.0005382	-.004259	-.002922	.0088096
Stddev	.0005191	.0070050	.0014136	.002856	.002926	.0008812
%RSD	32.33648	253.5009	262.6503	67.06394	100.1512	10.00274

#1	.0010149	.0006649	-.000876	-.002883	-.000183	.0098037
#2	.0019899	.0105776	.001951	-.002351	-.002578	.0081246
#3	.0018113	-.002953	.000539	-.007543	-.006005	.0085005

Elem	Sr4077
Units	ppm
Avg	.1030624
Stddev	.0002804
%RSD	.2720961

#1	.1027719
#2	.1033316
#3	.1030836

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6675.139	7452.955	158253.4	18970.80	10295.71
Stddev	12.474	10.355	430.4	52.77	4.39
%RSD	.1868785	.1389440	.2719757	.2781497	.0425968

#1	6666.376	7444.677	158194.1	18913.75	10298.71
#2	6689.421	7464.566	158710.4	18980.79	10297.73
#3	6669.622	7449.621	157855.7	19017.85	10290.67

Sample Name: ICSAB Acquired: 9/7/2018 16:49:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) 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	.0944962	.0994834	.0476445	.0405995	.6298369	230.5615
Stddev	.0120317	.0036167	.0037132	.0024807	.0055895	.6961
%RSD	12.73242	3.635445	7.793632	6.110235	.8874437	.3018953

#1	.1081428	.1036138	.0505516	.0414403	.6360041	230.3759
#2	.0899290	.0968844	.0434615	.0425506	.6251052	231.3316
#3	.0854170	.0979520	.0489204	.0378077	.6284013	229.9771

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5172684	.5050394	1.012244	241.0494	.5859152	.5031695
Stddev	.0004476	.0045565	.004588	.5380	.0011150	.0029723
%RSD	.0865329	.9022144	.4532234	.2231898	.1902958	.5907067

#1	.5167559	.5060664	1.010296	241.2495	.5850089	.5023025
#2	.5174672	.5000571	1.008951	240.4400	.5855765	.5007271
#3	.5175822	.5089948	1.017484	241.4587	.5871603	.5064788

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4987403	99.02504	.5182071	243.3973	1.019201	.1816997
Stddev	.0045091	.79370	.0037343	1.8525	.002414	.0002066
%RSD	.9041020	.8015189	.7206195	.7611028	.2368276	.1137097

#1	.4968762	99.11378	.5161963	243.7407	1.017831	.1815060
#2	.5038825	98.19069	.5159090	241.3971	1.017784	.1816759
#3	.4954620	99.77064	.5225159	245.0541	1.021988	.1819172

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8537388	.4903409	1.010545	-.230362	.0082611	F .1011103
Stddev	.3849660	.0107215	.014123	.055150	.0066658	.0015622
%RSD	45.09177	2.186530	1.397522	23.94064	80.68957	1.545021

#1	.9616099	.4789626	.995855	-.172037	.0159325	.1026188
#2	.4263442	.5002550	1.024022	-.237383	.0038822	.1012127
#3	1.173262	.4918052	1.011759	-.281665	.0049685	.0994995

Sample Name: ICSAB Acquired: 9/7/2018 16:49:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) 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	.0033171	.0099712	.0008372	-.004096	-.002258	.0045100
Stddev	.0004252	.0008686	.0012246	.004361	.006877	.0019039
%RSD	12.81881	8.710970	146.2668	106.4636	304.5200	42.21599

#1	.0036360	.0092035	.0001914	-.000557	-.009176	.0063919
#2	.0034808	.0109140	.0022495	-.008968	-.002178	.0045534
#3	.0028343	.0097962	.0000707	-.002763	.004578	.0025847

Elem	Sr4077
Units	ppm
Avg	.0998342
Stddev	.0004159
%RSD	.4166340

#1	.0994406
#2	.0997925
#3	.1002693

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6662.002	7492.306	157827.8	19038.13	10350.66
Stddev	37.875	18.672	303.2	181.84	27.05
%RSD	.5685270	.2492096	.1920850	.9551529	.2612954

#1	6646.253	7499.238	157651.4	18893.87	10364.16
#2	6634.542	7506.520	157654.2	19242.39	10368.29
#3	6705.211	7471.160	158177.9	18978.12	10319.52

Sample Name: CCV014 Acquired: 9/7/2018 16:53:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) 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	4.846902	4.880490	24.09052	4.766964	5.073246	392.2324	9.925874
Stddev	.026645	.020970	.10879	.010613	.024508	1.0369	.021274
%RSD	.5497389	.4296735	.4515829	.2226385	.4830848	.2643629	.2143290

#1	4.831254	4.865197	24.00753	4.766591	5.077777	391.4924	9.947534
#2	4.831785	4.871879	24.05034	4.756542	5.046789	393.4176	9.905008
#3	4.877668	4.904395	24.21368	4.777758	5.095173	391.7873	9.925079

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4939357	2.468860	406.2891	15.28223	2.514399	14.83553	405.3116
Stddev	.0046718	.008944	.3013	.03570	.010305	.02043	.7971
%RSD	.9458359	.3622635	.0741639	.2336281	.4098454	.1377311	.1966582

#1	.4947341	2.463957	406.6219	15.25766	2.506480	14.81271	405.6847
#2	.4981569	2.463441	406.2108	15.32319	2.510668	14.84175	405.8538
#3	.4889162	2.479183	406.0347	15.26585	2.526051	14.85213	404.3965

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.51928	398.2453	2.518459	1.264273	393.3911	2.443491	14.71951
Stddev	.01915	.9085	.011834	.005791	.7128	.025076	.09659
%RSD	.1319014	.2281337	.4698724	.4580765	.1811968	1.026228	.6562320

#1	14.53994	397.5762	2.509484	1.270946	392.7644	2.429152	14.77493
#2	14.51579	399.2796	2.514023	1.261319	394.1665	2.472445	14.60797
#3	14.50212	397.8802	2.531870	1.260554	393.2423	2.428875	14.77562

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.4222	5.108483	5.157811	4.917339	4.980041	4.742545	4.999815
Stddev	.5303	.026249	.057391	.018539	.041405	.047008	.019336
%RSD	.3502306	.5138248	1.112710	.3770170	.8314220	.9911886	.3867372

#1	150.9698	5.089477	5.174562	4.909900	4.951976	4.761417	4.982867
#2	152.0058	5.097540	5.204964	4.903675	4.960552	4.777184	4.995701
#3	151.2910	5.138433	5.093908	4.938443	5.027594	4.689034	5.020877

Sample Name: CCV014 Acquired: 9/7/2018 16:53:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) 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	4.920715	5.054182	4.953604
Stddev	.006763	.005625	.002417
%RSD	.1374314	.1113030	.0487993

#1	4.913516	5.053170	4.951771
#2	4.926934	5.060244	4.952697
#3	4.921696	5.049131	4.956344

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6408.273	7166.164	153617.1	18592.07	9550.154
Stddev	35.360	11.892	394.7	135.29	16.969
%RSD	.5517838	.1659529	.2569631	.7276584	.1776856

#1	6367.613	7162.708	153256.6	18622.51	9546.642
#2	6425.379	7179.401	153556.0	18444.16	9568.604
#3	6431.827	7156.382	154038.9	18709.55	9535.215

Sample Name: CCB014 Acquired: 9/7/2018 16:57:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) 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	-.007289	-.000848	.0027203	.0047680	-.002249	.0235746	-.000532
Stddev	.003173	.001542	.0013142	.0022159	.002237	.0217518	.000387
%RSD	43.53387	181.8019	48.31110	46.47532	99.46407	92.26795	72.76404

#1	-.010338	-.001930	.0038002	.0061961	-.001483	.0070493	-.000501
#2	-.004005	-.001531	.0031037	.0058925	-.004768	.0154566	-.000162
#3	-.007523	.000917	.0012570	.0022152	-.000495	.0482179	-.000934

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000108	-.000068	-.024808	.0008751	-.000153	-.004373	.0150861
Stddev	.000071	.000070	.034225	.0001861	.000586	.009655	.0288251
%RSD	65.82398	102.8945	137.9598	21.26702	382.9208	220.7690	191.0715

#1	-.000047	-.000125	-.054854	.0008152	-.000688	.004884	.0462593
#2	-.000186	-.000088	-.032016	.0010837	.000474	-.003621	-.010603
#3	-.000090	.000010	.012447	.0007262	-.000245	-.014382	.009602

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001009	-.046163	.0004338	-.001009	.5392316	-.005086	-.020006
Stddev	.0011362	.103650	.0003215	.000899	1.159575	.003305	.014343
%RSD	1125.978	224.5295	74.09851	89.10911	215.0420	64.98055	71.69038

#1	.0002823	-.163883	.0004055	-.001441	-.491596	-.008898	-.004389
#2	.0011355	.031401	.0001275	.000025	.314606	-.003020	-.032589
#3	-.001115	-.006008	.0007685	-.001610	1.794685	-.003340	-.023041

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1401733	-.000906	.0079975	-.000038	.0009378	-.000226	.0002665
Stddev	.1293050	.006102	.0002592	.000446	.0005212	.001256	.0012700
%RSD	92.24656	673.6962	3.240978	1162.006	55.57918	556.0555	476.5377

#1	.2010875	-.006346	.0082968	-.000248	.0015086	-.001475	.0012794
#2	.2277708	-.002063	.0078444	-.000341	.0008174	-.000238	.0006784
#3	-.008338	.005692	.0078513	.000473	.0004873	.001036	-.001158

Sample Name: CCB014 Acquired: 9/7/2018 16:57:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) 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	-.000815	.0041302	.0001949
Stddev	.002989	.0042693	.0001220
%RSD	366.8701	103.3689	62.60399

#1	.001568	.0078124	.0000578
#2	.000156	.0051278	.0002353
#3	-.004168	-.000550	.0002916

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6900.037	7770.850	162911.6	19124.67	11072.89
Stddev	13.287	15.331	467.9	67.94	20.02
%RSD	.1925649	.1972870	.2872396	.3552259	.1808182

#1	6896.792	7784.998	162838.0	19073.45	11091.57
#2	6914.646	7772.990	163412.0	19098.82	11075.36
#3	6888.673	7754.561	162484.8	19201.74	11051.75

Sample Name: PB112632BL Acquired: 9/7/2018 17:01:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) 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	.0015530	-.001770	.0010172	.0032984	-.002804	.0181420	.0004318
Stddev	.0110992	.002458	.0003675	.0035696	.002957	.0247682	.0012127
%RSD	714.7032	138.8708	36.12640	108.2231	105.4389	136.5239	280.8686

#1	.0029950	.001021	.0007446	-.000636	-.002286	.0027154	.0001314
#2	.0118607	-.003611	.0008719	.006330	-.000141	.0049993	-.000603
#3	-.010197	-.002720	.0014351	.004201	-.005986	.0467114	.001766

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000007	.0000213	-.011573	.0011156	.0006294	.0029700	.0257830
Stddev	.000102	.0000285	.048377	.0002703	.0000385	.0062133	.0353205
%RSD	1502.562	134.0828	418.0236	24.22515	6.112404	209.2020	136.9911

#1	-.000056	.0000195	-.057840	.0011669	.0006323	.0083841	.0553129
#2	-.000075	-.000006	.038668	.0013565	.0006664	-.003814	.0353805
#3	.000111	.000051	-.015546	.0008234	.0005896	.004340	-.013344

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019456	-.071989	.0002885	-.001091	-.529929	-.002123	-.001103
Stddev	.0011125	.071202	.0005068	.000747	.861877	.011215	.010509
%RSD	57.18399	98.90738	175.6283	68.47135	162.6401	528.3387	953.0451

#1	.0009450	.010228	.0005932	-.000257	-1.34532	-.000543	.005356
#2	.0017480	-.112751	.0005689	-.001698	-.61638	.008219	.004565
#3	.0031437	-.113443	-.000296	-.001318	.37191	-.014044	-.013229

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1799695	-.001065	.0032324	.0002140	-.000795	.0002103	.0010874
Stddev	.0620544	.010363	.0010080	.0004502	.009245	.0028282	.0004765
%RSD	34.48049	972.7846	31.18481	210.3461	1163.537	1344.481	43.82326

#1	.1518735	.002822	.0033014	-.000128	.002804	.0033187	.0011643
#2	.2511026	.006792	.0042041	.000045	.006111	-.002211	.0005771
#3	.1369324	-.012810	.0021916	.000724	-.011298	-.000477	.0015208

Sample Name: PB112632BL Acquired: 9/7/2018 17:01:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) 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	-.002496	-.000310	.0001239
Stddev	.003813	.001776	.0001326
%RSD	152.7341	572.1939	107.0622

#1	-.006021	.001494	.0001327
#2	-.003019	-.000370	-.000013
#3	.001551	-.002056	.000252

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6945.506	7771.755	163220.0	19126.00	11072.41
Stddev	29.670	7.130	347.8	59.19	10.86
%RSD	.4271799	.0917474	.2130841	.3094728	.0980890

#1	6917.962	7776.563	163120.6	19175.87	11072.76
#2	6976.921	7775.138	162932.6	19141.54	11083.09
#3	6941.633	7763.562	163606.6	19060.59	11061.38

Sample Name: PB112632BS Acquired: 9/7/2018 17:05:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) 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	.0174137	.0497179	.0167386	.0765307	.1294795	.4026402
Stddev	.0049902	.0012183	.0026957	.0076963	.0032430	.0179136
%RSD	28.65677	2.450494	16.10468	10.05649	2.504644	4.449027

#1	.0119274	.0500347	.0137010	.0699194	.1296957	.4150341
#2	.0186313	.0483725	.0188460	.0849794	.1326090	.3821014
#3	.0216825	.0507466	.0176688	.0746934	.1261338	.4107850

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3941694	.0105017	.0101578	9.770534	.0223259	.0969419
Stddev	.0011594	.0000754	.0002033	.043252	.0003260	.0004535
%RSD	.2941337	.7176787	2.001153	.4426814	1.460136	.4678246

#1	.3951450	.0105807	.0102289	9.819813	.0224542	.0972351
#2	.3928877	.0104937	.0099285	9.752924	.0219553	.0964195
#3	.3944756	.0104306	.0103159	9.738865	.0225682	.0971710

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0554548	.1963837	.0310684	9.500268	.0807023	.0192815
Stddev	.0072887	.0123007	.0021932	.111170	.0008294	.0002569
%RSD	13.14348	6.263628	7.059252	1.170180	1.027699	1.332240

#1	.0470836	.1840840	.0327391	9.628456	.0801316	.0193508
#2	.0603932	.1963816	.0318813	9.442066	.0803218	.0194967
#3	.0588877	.2086854	.0285848	9.430281	.0816537	.0189972

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.242429	.0946413	.1111625	9.768804	F .1722100	F .0188494
Stddev	.731992	.0029045	.0086025	.034458	.0032251	.0016696
%RSD	7.919906	3.069003	7.738684	.3527363	1.872742	8.857833

#1	8.402714	.0928573	.1166757	9.785188	.1731126	.0169305
#2	9.745779	.0930737	.1012500	9.729210	.1748876	.0199709
#3	9.578795	.0979929	.1155617	9.792013	.1686298	.0196466

Sample Name: PB112632BS Acquired: 9/7/2018 17:05:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) 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	.0204177	.1904691	.1909072	F .0128744	.0969763	.0935183
Stddev	.0003304	.0042484	.0020517	.0005605	.0018246	.0055598
%RSD	1.618442	2.230473	1.074700	4.353836	1.881513	5.945103
#1	.0200633	.1862995	.1929091	.0131311	.0983878	.0908282
#2	.0207173	.1947920	.1910035	.0132606	.0976252	.0999115
#3	.0204724	.1903158	.1888091	.0122315	.0949160	.0898153

Elem	Sr4077
Units	ppm
Avg	.1977974
Stddev	.0003081
%RSD	.1557753
#1	.1977912
#2	.1974925
#3	.1981086

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6999.101	7752.562	164053.8	19113.94	11127.55
Stddev	54.938	17.602	938.7	46.85	13.05
%RSD	.7849292	.2270521	.5721706	.2451228	.1172830
#1	6955.121	7755.461	164044.5	19085.43	11117.81
#2	6981.499	7768.535	163119.8	19088.37	11142.38
#3	7060.682	7733.690	164997.0	19168.01	11122.46

Sample Name: J4766-01 Acquired: 9/7/2018 17:09:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AE3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004128	.0007105	.0124966	-.017716	.0046188	.1238455	.2449188
Stddev	.005324	.0022237	.0016814	.004742	.0028261	.0293386	.0016569
%RSD	128.9700	312.9736	13.45526	26.76586	61.18788	23.68970	.6764905

#1	-.006611	.0024547	.0116143	-.015109	.0014441	.1212057	.2464139
#2	-.007759	-.001794	.0144356	-.023190	.0068604	.1544148	.2452050
#3	.001984	.001470	.0114399	-.014850	.0055519	.0959160	.2431375

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013038	-.001113	83.56729	-.012062	.0170066	-.012935	153.8422
Stddev	.0001940	.000116	.17540	.001044	.0001450	.004660	.4677
%RSD	14.88171	10.40464	.2098905	8.653122	.8527756	36.02464	.3039938

#1	.0011811	-.001246	83.68017	-.012173	.0168393	-.016220	154.2159
#2	.0015275	-.001040	83.36522	-.013045	.0170838	-.014983	153.3177
#3	.0012028	-.001052	83.65649	-.010966	.0170968	-.007602	153.9929

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4463385	40.37118	.0205220	-.002730	87.61001	-.004708	-.014850
Stddev	.0041336	.18802	.0004692	.001068	.62558	.010142	.009462
%RSD	.9261193	.4657174	2.286124	39.11218	.7140467	215.4127	63.71871

#1	.4420473	40.51585	.0202125	-.001584	88.28398	-.012807	-.004114
#2	.4466742	40.43903	.0202917	-.002909	87.49815	.006667	-.018462
#3	.4502941	40.15866	.0210618	-.003697	87.04792	-.007985	-.021975

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.969206	.1719472	1.189984	.0001364	26.21718	8.379430	-.002353
Stddev	.164337	.0078682	.006258	.0003522	.11835	.064269	.001693
%RSD	5.534709	4.575948	.5258989	258.1840	.4514077	.7669852	71.95778

#1	3.060616	.1652676	1.192047	-.000268	26.11570	8.419393	-.001132
#2	3.067514	.1699536	1.194951	.000375	26.18865	8.413604	-.004285
#3	2.779488	.1806205	1.182955	.000302	26.34718	8.305294	-.001640

Sample Name: J4766-01 Acquired: 9/7/2018 17:09:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AE3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001240	.0018565	.2197590
Stddev	.001356	.0043061	.0004485
%RSD	109.3665	231.9494	.2040759

#1	-.000630	.0014206	.2202596
#2	-.000296	-.002215	.2193938
#3	-.002793	.006364	.2196236

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6980.012	7740.687	164274.2	19339.40	11049.49
Stddev	36.375	10.896	500.9	153.02	20.70
%RSD	.5211379	.1407570	.3049052	.7912555	.1873155

#1	7006.721	7741.044	164672.1	19207.61	11059.82
#2	6994.732	7751.400	164438.8	19303.36	11062.98
#3	6938.584	7729.618	163711.8	19507.22	11025.66

Sample Name: J4766-02 Acquired: 9/7/2018 17:13:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AE3D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005498	.0035946	.0100098	-.021722	.0001823	.1205170	.2453009
Stddev	.004688	.0029983	.0035294	.007804	.0008265	.0196169	.0003949
%RSD	85.27801	83.40945	35.25947	35.92575	453.2510	16.27727	.1609700

#1	-.000981	.0028274	.0115580	-.016775	.0011262	.1291861	.2452575
#2	-.010341	.0010545	.0125005	-.030718	-.000167	.1343058	.2457157
#3	-.005171	.0069019	.0059709	-.017673	-.000412	.0980590	.2449295

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014961	-.001161	83.35195	-.012842	.0177261	-.006539	153.7817
Stddev	.0000823	.000099	.32319	.000635	.0004242	.002357	.1873
%RSD	5.498682	8.483775	.3877432	4.945230	2.393360	36.04799	.1217798

#1	.0015332	-.001125	83.46743	-.013452	.0174015	-.007820	153.8309
#2	.0014018	-.001273	83.60153	-.012185	.0175706	-.003819	153.9395
#3	.0015533	-.001087	82.98688	-.012890	.0182062	-.007977	153.5748

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4444473	40.29671	.0201035	-.003760	86.25718	-.003288	-.012368
Stddev	.0028533	.25990	.0004683	.000500	.11260	.014322	.029643
%RSD	.6419788	.6449658	2.329644	13.30058	.1305443	435.6493	239.6706

#1	.4469677	40.59301	.0204260	-.003285	86.38244	.013240	-.041868
#2	.4450247	40.18983	.0203183	-.004282	86.22475	-.011035	-.012652
#3	.4413495	40.10729	.0195663	-.003713	86.16435	-.012068	.017416

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.040270	.1703052	1.207747	-.000028	26.48183	8.485435	-.000737
Stddev	.123910	.0022485	.003637	.000435	.15885	.011440	.001207
%RSD	4.075610	1.320278	.3011621	1545.976	.5998483	.1348191	163.8233

#1	2.903418	.1679204	1.207315	-.000486	26.36802	8.497936	-.002060
#2	3.144851	.1706085	1.211580	.000380	26.41416	8.475488	-.000455
#3	3.072542	.1723866	1.204344	.000022	26.66331	8.482881	.000304

Sample Name: J4766-02 Acquired: 9/7/2018 17:13:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AE3D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004466	.0011111	.2206650
Stddev	.002112	.0022424	.0004478
%RSD	47.29244	201.8186	.2029248

#1	-.005833	-.001477	.2202477
#2	-.005532	.002344	.2206091
#3	-.002034	.002466	.2211380

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6926.324	7748.767	163752.7	19288.60	11016.50
Stddev	48.445	26.326	533.0	58.38	35.20
%RSD	.6994396	.3397463	.3255115	.3026441	.3195264

#1	6980.262	7737.507	164214.6	19240.93	11012.26
#2	6886.511	7778.850	163169.5	19353.70	11053.63
#3	6912.198	7729.943	163874.0	19271.15	10983.61

Sample Name: J4766-03 Acquired: 9/7/2018 17:17:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AE3S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0574841	.0717497	.0384887	.0625679	.1649511	2.954847	3.397115
Stddev	.0066233	.0033655	.0002586	.0042587	.0030682	.037106	.009768
%RSD	11.52205	4.690597	.6717490	6.806583	1.860099	1.255775	.2875425

#1	.0604370	.0697505	.0387623	.0593470	.1649709	2.952966	3.405945
#2	.0621174	.0756353	.0382484	.0609602	.1618730	2.992858	3.398777
#3	.0498979	.0698633	.0384555	.0673964	.1680095	2.918717	3.386622

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0798139	.0770410	82.98888	.3129122	.7932481	.3951107	154.3788
Stddev	.0002452	.0005155	.12125	.0012358	.0022220	.0075821	.2938
%RSD	.3072640	.6691286	.1461054	.3949228	.2801090	1.918988	.1903215

#1	.0795554	.0766087	82.99328	.3132095	.7917649	.4036432	154.4875
#2	.0800432	.0769027	83.10788	.3139722	.7921766	.3925432	154.6027
#3	.0798432	.0776115	82.86549	.3115549	.7958027	.3891457	154.0461

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.231171	39.96334	.8128532	.0726245	86.29550	.8047866	.7683864
Stddev	.001940	.16686	.0036445	.0010748	.45426	.0123377	.0300089
%RSD	.1575613	.4175244	.4483618	1.479957	.5264046	1.533043	3.905446

#1	1.233213	39.84579	.8092606	.0731731	86.56953	.8141327	.7368260
#2	1.230947	40.15432	.8127513	.0713861	85.77114	.7908019	.7717774
#3	1.229353	39.88991	.8165475	.0733143	86.54582	.8094252	.7965558

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.069358	.1747578	1.191999	-.000077	26.35760	8.374348	-.002207
Stddev	.050228	.0035801	.009952	.000614	.03782	.013410	.001858
%RSD	1.636440	2.048602	.8349307	797.9775	.1434862	.1601296	84.19309

#1	3.015660	.1777358	1.185783	.000495	26.34116	8.377131	-.003038
#2	3.077225	.1707857	1.203477	-.000726	26.40086	8.386147	-.000078
#3	3.115188	.1757519	1.186735	.000000	26.33079	8.359765	-.003503

Sample Name: J4766-03 Acquired: 9/7/2018 17:17:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AE3S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004267	.0048805	.2185924
Stddev	.004226	.0032025	.0000500
%RSD	99.04661	65.61826	.0228843

#1	-.006891	.0055366	.2186026
#2	-.006518	.0014008	.2186365
#3	.000608	.0077041	.2185380

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6970.489	7709.887	164762.3	19471.54	10947.37
Stddev	59.024	25.403	431.6	50.65	35.02
%RSD	.8467730	.3294905	.2619709	.2600980	.3199278

#1	7038.452	7723.558	165186.0	19471.56	10973.26
#2	6940.933	7725.526	164323.1	19522.17	10961.33
#3	6932.081	7680.575	164777.8	19420.88	10907.51

Sample Name: J4766-01LX5 Acquired: 9/7/2018 17:21:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AE3L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048321	-.002221	.0014565	-.002802	.0000781	.0319316	.0469794
Stddev	.0065013	.004133	.0035750	.004786	.0029399	.0272705	.0011591
%RSD	134.5436	186.0333	245.4596	170.7989	3764.556	85.40283	2.467282

#1	.0015479	-.005843	-.002402	-.007803	.0034556	.0629211	.0456476
#2	.0006281	-.003101	.002116	-.002337	-.001906	.0212758	.0477602
#3	.0123204	.002280	.004656	.001735	-.001315	.0115979	.0475305

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003240	-.000198	15.72839	-.001719	.0039000	.0002073	29.35435
Stddev	.0000777	.000010	.07528	.000494	.0003809	.0019926	.10108
%RSD	23.97768	5.135574	.4786016	28.72419	9.766253	961.4635	.3443478

#1	.0003428	-.000188	15.79173	-.001286	.0043280	.0022803	29.24775
#2	.0002387	-.000209	15.64517	-.001615	.0037739	.0000352	29.44882
#3	.0003906	-.000197	15.74827	-.002257	.0035982	-.001694	29.36650

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0859002	7.568602	.0042824	-.000633	16.60528	-.010156	-.027062
Stddev	.0036705	.121040	.0011406	.000661	.31662	.003152	.037338
%RSD	4.272997	1.599237	26.63465	104.3353	1.906752	31.04002	137.9717

#1	.0849708	7.454157	.0054733	-.001106	16.86357	-.006526	-.053613
#2	.0899462	7.556345	.0041743	.000122	16.25205	-.011742	.015631
#3	.0827838	7.695304	.0031998	-.000915	16.70022	-.012200	-.043203

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8870860	.0276252	.2268571	-.000118	4.866692	1.565751	-.000987
Stddev	.1535110	.0047524	.0031130	.000303	.004067	.012713	.001573
%RSD	17.30509	17.20316	1.372241	256.7567	.0835633	.8119710	159.3604

#1	.7100179	.0328606	.2234015	.000023	4.862211	1.553198	-.002429
#2	.9684923	.0264319	.2294422	.000089	4.870149	1.565436	.000690
#3	.9827478	.0235832	.2277277	-.000466	4.867715	1.578619	-.001221

Sample Name: J4766-01LX5 Acquired: 9/7/2018 17:21:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AE3L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002197	.0056005	.0417258
Stddev	.001760	.0038831	.0002661
%RSD	80.11480	69.33558	.6376876

#1	-.002962	.0096907	.0419870
#2	-.000184	.0019645	.0417352
#3	-.003444	.0051462	.0414551

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6954.616	7736.507	164070.3	19292.95	11021.57
Stddev	27.688	5.798	476.9	38.14	18.25
%RSD	.3981247	.0749486	.2906902	.1977001	.1655747

#1	6925.824	7739.886	163519.6	19308.87	11038.58
#2	6981.049	7729.812	164352.8	19320.56	11002.29
#3	6956.976	7739.824	164338.4	19249.43	11023.85

Sample Name: PB112633BL Acquired: 9/7/2018 17:25:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) 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	-.008115	.0000803	.0010700	.0002300	-.000273	.0271357	-.000557
Stddev	.002309	.0058346	.0016353	.0018626	.003274	.0133444	.000910
%RSD	28.45421	7264.901	152.8317	809.8778	1198.975	49.17662	163.4525

#1	-.007281	.0063724	.0014976	-.001818	.003226	.0284279	-.000680
#2	-.010725	-.005151	-.000737	.001822	-.003261	.0397870	.000409
#3	-.006339	-.000980	.002449	.000687	-.000784	.0131922	-.001399

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000073	-.000008	-.022504	-.000576	.0006148	.0007492	.0264855
Stddev	.000165	.000096	.009696	.000714	.0000823	.0012737	.0114454
%RSD	225.9794	1236.763	43.08536	123.9221	13.38575	170.0055	43.21382

#1	-.000104	-.000118	-.033671	-.001293	.0005301	-.000358	.0314538
#2	.000105	.000042	-.017627	.000136	.0006198	.000464	.0133955
#3	-.000221	.000054	-.016216	-.000573	.0006945	.002141	.0346072

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018073	.0179256	-.000798	-.000499	.0162689	-.016917	-.027302
Stddev	.0025398	.0560252	.000655	.000700	.3230083	.003589	.024960
%RSD	140.5294	312.5431	82.10749	140.2288	1985.440	21.21357	91.42001

#1	-.000318	-.016386	-.001277	.000085	.1662211	-.012817	-.042519
#2	.004620	-.012414	-.001065	-.001275	-.354461	-.019488	-.040892
#3	.001119	.082577	-.000051	-.000308	.237046	-.018445	.001503

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5802413	-.006740	.0000132	.0000034	.0020777	.0041759	-.000667
Stddev	.1486017	.004646	.0018813	.0004473	.0043234	.0012814	.001814
%RSD	25.61032	68.93118	14300.32	13283.75	208.0849	30.68560	271.9241

#1	.5449028	-.011691	-.000548	-.000358	-.002664	.0027984	-.001825
#2	.7433267	-.002475	-.001524	-.000136	.005801	.0043968	.001423
#3	.4524944	-.006055	.002111	.000504	.003096	.0053324	-.001600

Sample Name: PB112633BL Acquired: 9/7/2018 17:25:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) 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	-.004482	.0018232	.0000491
Stddev	.003690	.0011040	.0000407
%RSD	82.34356	60.55006	82.86898

#1	-.002291	.0025805	.0000729
#2	-.008743	.0005565	.0000722
#3	-.002412	.0023326	.0000021

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6949.916	7746.099	163072.0	19140.54	11044.05
Stddev	47.777	14.687	838.7	114.60	9.50
%RSD	.6874490	.1895990	.5143068	.5987118	.0860332

#1	6988.394	7761.397	162964.6	19270.06	11052.41
#2	6896.439	7744.788	162292.2	19052.30	11046.02
#3	6964.915	7732.112	163959.2	19099.26	11033.71

Sample Name: PB112633BS Acquired: 9/7/2018 17:30:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) 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	.0208538	.0508275	.0188111	.0743132	.1266419	.3981876
Stddev	.0035090	.0039196	.0018967	.0063522	.0021338	.0145711
%RSD	16.82649	7.711664	10.08272	8.547837	1.684909	3.659349

#1	.0235377	.0534642	.0208824	.0760345	.1290023	.4135250
#2	.0168831	.0526949	.0171594	.0672778	.1260735	.3845282
#3	.0221407	.0463233	.0183915	.0796274	.1248498	.3965095

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3959277	.0106263	.0101120	9.844494	.0223785	.0977152
Stddev	.0012329	.0001753	.0000501	.068271	.0005112	.0005782
%RSD	.3113945	1.649904	.4951213	.6934946	2.284338	.5916845

#1	.3972549	.0104241	.0100868	9.833547	.0217888	.0973664
#2	.3948181	.0107203	.0100796	9.917578	.0226511	.0973967
#3	.3957102	.0107347	.0101697	9.782359	.0226956	.0983826

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0507472	.2141473	.0334484	9.589399	.0802330	.0192999
Stddev	.0016396	.0491790	.0012322	.145661	.0006593	.0008205
%RSD	3.230926	22.96503	3.683931	1.518982	.8217558	4.251580

#1	.0520369	.1576226	.0348672	9.423101	.0808618	.0200219
#2	.0489020	.2376880	.0326461	9.650730	.0802904	.0184076
#3	.0513027	.2471312	.0328318	9.694365	.0795469	.0194702

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.602792	.0975508	.1070938	9.387539	F .1668782	F .0179450
Stddev	.412179	.0049957	.0063425	.205093	.0048331	.0024660
%RSD	4.292288	5.121134	5.922383	2.184732	2.896190	13.74223

#1	9.792217	.1012002	.1050583	9.602056	.1715701	.0151082
#2	9.886207	.0995950	.1020189	9.193391	.1619153	.0195770
#3	9.129952	.0918572	.1142041	9.367169	.1671494	.0191498

Sample Name: PB112633BS Acquired: 9/7/2018 17:30:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) 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	.0200135	.1906320	.1928711	F .0125317	.0958077	.0906673
Stddev	.0004109	.0095495	.0020597	.0014026	.0033122	.0045949
%RSD	2.053056	5.009410	1.067928	11.19271	3.457111	5.067843

#1	.0201836	.1947684	.1936553	.0109202	.0963668	.0940040
#2	.0195449	.1797116	.1944236	.0131969	.0988047	.0925714
#3	.0203121	.1974159	.1905345	.0134781	.0922515	.0854264

Elem	Sr4077
Units	ppm
Avg	.1974152
Stddev	.0006922
%RSD	.3506191

#1	.1978834
#2	.1966202
#3	.1977422

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6902.033	7772.347	162931.5	19048.74	11104.43
Stddev	51.870	2.578	1051.7	58.64	5.06
%RSD	.7515216	.0331728	.6454666	.3078457	.0455688

#1	6843.046	7769.377	161747.3	18996.96	11107.30
#2	6922.525	7773.653	163756.3	19112.42	11098.59
#3	6940.526	7774.010	163291.0	19036.85	11107.41

Sample Name: J4755-16 Acquired: 9/7/2018 17:34:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0H26 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030120	.0027470	-.000550	-.002569	-.004652	.0318339	-.000093
Stddev	.0050955	.0038394	.001630	.001579	.002466	.0152354	.000677
%RSD	169.1748	139.7663	296.2750	61.47386	53.01472	47.85890	728.7054

#1	.0087974	.0012259	-.002279	-.003487	-.006229	.0225632	.000644
#2	.0010471	.0071139	.000959	-.000746	-.001810	.0494175	-.000237
#3	-.000809	-.000099	-.000331	-.003475	-.005916	.0235211	-.000686

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001932	-.000121	.0017100	.0007829	.0004794	-.008967	.0170501
Stddev	.0000825	.000195	.0127684	.0007868	.0001139	.007521	.0465039
%RSD	42.69607	161.2323	746.6916	100.4926	23.75497	83.87158	272.7481

#1	.0002855	-.000247	.0128602	.0016493	.0003481	-.013216	-.036304
#2	.0001266	-.000219	.0044887	.0001128	.0005386	-.013403	.038470
#3	.0001675	.000103	-.012219	.0005868	.0005516	-.000283	.048984

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001950	-.014514	.0007176	-.001636	-.098438	-.009665	-.013486
Stddev	.0018087	.048613	.0011908	.000637	.599996	.006556	.016320
%RSD	927.7090	334.9349	165.9450	38.89898	609.5161	67.83131	121.0159

#1	.0022363	.026478	.0015511	-.002182	-.120952	-.004744	.002729
#2	-.000443	-.001800	-.000646	-.000937	-.686860	-.017108	-.029909
#3	-.001208	-.068221	.001248	-.001790	.512498	-.007144	-.013277

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.95190	-.008998	-.005004	.0002465	.0529063	.0073907	-.000908
Stddev	.14715	.002692	.001485	.0004612	.0037020	.0016163	.001218
%RSD	7.538664	29.92286	29.67795	187.0835	6.997327	21.86929	134.1180

#1	-1.89243	-.011823	-.003670	.0004665	.0563739	.0092154	-.000729
#2	-1.84380	-.008709	-.004739	.0005565	.0533376	.0061386	.000211
#3	-2.11948	-.006462	-.006604	-.000283	.0490076	.0068182	-.002206

Sample Name: J4755-16 Acquired: 9/7/2018 17:34:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0H26 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.006137	-.014163	.0001330
Stddev	.001930	.002495	.0001573
%RSD	31.45398	17.61511	118.2633

#1	-.008047	-.013249	.0001500
#2	-.004187	-.012254	-.000032
#3	-.006177	-.016986	.000281

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7067.887	7945.888	165699.8	19503.11	11261.21
Stddev	32.913	26.424	504.2	234.82	28.42
%RSD	.4656674	.3325542	.3042662	1.203994	.2523503

#1	7088.241	7975.743	165873.7	19767.75	11293.01
#2	7029.915	7936.416	165131.7	19421.94	11252.32
#3	7085.504	7925.505	166094.1	19319.65	11238.30

Sample Name: J4755-17 Acquired: 9/7/2018 17:38:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0H28 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025135	.0016556	-.000687	-.001110	-.002436	.0177904	.0012490
Stddev	.0022411	.0007752	.001592	.002805	.001867	.0230083	.0014314
%RSD	89.16572	46.82500	231.5725	252.5721	76.63166	129.3293	114.5992

#1	.0050995	.0019962	-.001297	-.001995	-.001999	.0046179	.0004118
#2	.0011375	.0007684	.001119	-.003367	-.000827	.0443578	.0004334
#3	.0013034	.0022022	-.001884	.002030	-.004483	.0043956	.0029017

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000007	-.000268	-.007999	.0008875	.0008502	-.002260	.0323895
Stddev	.000092	.000022	.027647	.0003566	.0005185	.009412	.0266637
%RSD	1289.038	8.219976	345.6416	40.17820	60.98379	416.5409	82.32215

#1	-.000113	-.000246	-.004182	.0012224	.0012021	-.005246	.0627637
#2	.000055	-.000290	.017541	.0005126	.0002548	-.009817	.0128424
#3	.000037	-.000268	-.037356	.0009276	.0010936	.008283	.0215624

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008883	.0433842	.0008647	-.001349	-.002185	.0014462	-.010825
Stddev	.0023111	.0640307	.0003271	.000585	.462018	.0136240	.004585
%RSD	260.1806	147.5900	37.82779	43.38806	21140.59	942.0866	42.36079

#1	-.001033	.1117268	.0007051	-.001874	-.136559	-.010209	-.005594
#2	.000244	.0336442	.0006480	-.001456	-.382121	-.001877	-.012729
#3	.003453	-.015219	.0012410	-.000718	.512123	.016424	-.014151

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.96852	-.009257	-.005863	.0002517	.0237853	.0073273	-.000734
Stddev	.04256	.003800	.002926	.0000885	.0040411	.0024832	.001887
%RSD	2.162161	41.05441	49.90861	35.14810	16.99002	33.88940	256.8904

#1	-1.95143	-.007541	-.003435	.0003032	.0279633	.0097865	-.002284
#2	-2.01697	-.006617	-.005042	.0003024	.0198965	.0048208	.001367
#3	-1.93715	-.013612	-.009111	.0001496	.0234962	.0073747	-.001286

Sample Name: J4755-17 Acquired: 9/7/2018 17:38:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0H28 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000900	-.012511	.0000688
Stddev	.003465	.003135	.0002940
%RSD	385.1321	25.05715	427.2447

#1	.002944	-.009189	-.000264
#2	-.001860	-.012926	.000295
#3	-.003783	-.015417	.000175

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7051.806	7888.510	165165.8	19161.58	11224.20
Stddev	33.251	6.580	938.3	38.91	22.01
%RSD	.4715284	.0834123	.5680837	.2030669	.1961172

#1	7038.406	7893.753	165094.2	19117.24	11235.98
#2	7089.666	7890.650	166137.8	19190.06	11237.82
#3	7027.345	7881.126	164265.4	19177.43	11198.81

Sample Name: J4755-18 Acquired: 9/7/2018 17:42:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0H29 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003860	.0010402	-.001182	.0000442	-.004265	.0240475	-.000432
Stddev	.002142	.0057715	.001454	.0049189	.002495	.0186929	.001742
%RSD	55.50075	554.8656	123.0701	11130.15	58.49583	77.73318	403.4007

#1	-.002967	.0041419	-.001539	-.005217	-.005610	.0166272	-.002175
#2	-.006304	-.005619	.000418	.004528	-.001386	.0453112	.001309
#3	-.002308	.004598	-.002424	.000822	-.005799	.0102040	-.000430

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000019	-.000197	-.010797	-.000221	.0006489	-.003732	.0240475
Stddev	.000185	.000011	.007820	.000554	.0006986	.007370	.0238134
%RSD	972.9633	5.523689	72.42500	250.1566	107.6644	197.4700	99.02642

#1	-.000143	-.000193	-.010795	-.000291	.0011655	.004725	.0032834
#2	.000194	-.000189	-.002979	.000364	.0009271	-.007140	.0500409
#3	-.000108	-.000210	-.018619	-.000737	-.000146	-.008781	.0188182

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003110	-.045211	.0015458	-.001161	.3637048	-.006408	-.027593
Stddev	.0006497	.073451	.0007567	.000529	.0524815	.006183	.029591
%RSD	208.9231	162.4613	48.94852	45.55448	14.42969	96.48742	107.2410

#1	-.000311	-.125983	.0013548	-.000558	.3551481	.000708	.003060
#2	.000985	-.027231	.0023797	-.001379	.4199388	-.010471	-.029845
#3	.000259	.017580	.0009030	-.001546	.3160275	-.009463	-.055994

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.94237	-.007638	-.004692	.0001754	.0339108	.0065915	-.000045
Stddev	.11109	.002654	.001807	.0002980	.0040733	.0023238	.000855
%RSD	5.719539	34.74200	38.51924	169.9274	12.01184	35.25412	1903.515

#1	-2.05352	-.007057	-.003074	.0002635	.0335714	.0083011	-.001009
#2	-1.94226	-.010535	-.006642	.0004194	.0300177	.0075277	.000618
#3	-1.83134	-.005324	-.004359	-.000157	.0381431	.0039456	.000256

Sample Name: J4755-18 Acquired: 9/7/2018 17:42:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0H29 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002815	-.012866	.0000059
Stddev	.003973	.000874	.0000562
%RSD	141.1619	6.795611	948.1630

#1	-.003921	-.013330	-.000047
#2	-.006118	-.013409	.000001
#3	.001595	-.011857	.000065

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7115.280	7879.474	165675.8	19332.60	11218.79
Stddev	56.192	11.685	620.3	58.62	19.76
%RSD	.7897380	.1482916	.3744140	.3032036	.1761599

#1	7073.197	7872.295	165087.3	19266.38	11214.26
#2	7093.551	7892.957	165616.5	19353.62	11240.42
#3	7179.092	7873.170	166323.7	19377.82	11201.68

Sample Name: J4755-19 Acquired: 9/7/2018 17:46:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0H30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014312	.0035685	-.000255	-.003720	-.004711	.0395058	.0001454
Stddev	.0042428	.0074153	.002949	.001887	.000479	.0059215	.0007903
%RSD	296.4436	207.8013	1157.871	50.71577	10.17733	14.98880	543.5712

#1	.0055674	.0103789	.001684	-.002761	-.004929	.0412134	.0000953
#2	.0016370	-.004331	-.003648	-.002506	-.005042	.0329182	.0009595
#3	-.002911	.004658	.001200	-.005894	-.004161	.0443859	-.000619

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000741	-.000163	-.028605	.0002480	.0006781	-.001998	.0188923
Stddev	.0000599	.000084	.014349	.0007189	.0003311	.004846	.0310423
%RSD	80.82937	51.52562	50.16356	289.8767	48.82274	242.5355	164.3123

#1	.0001386	-.000246	-.012839	.0009815	.0010594	.002034	-.011507
#2	.0000201	-.000164	-.032075	.0002179	.0004645	-.000654	.050540
#3	.0000637	-.000078	-.040901	-.000455	.0005103	-.007375	.017644

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001394	-.067783	.0004107	-.001572	.2465203	-.005263	-.015128
Stddev	.002003	.080615	.0007434	.000481	.4503937	.014565	.031695
%RSD	143.6815	118.9309	181.0208	30.56560	182.7005	276.7512	209.5108

#1	-.001734	-.160560	.0000113	-.001988	-.104474	-.015289	-.008053
#2	.000757	-.027966	.0012685	-.001682	.089667	.011445	-.049762
#3	-.003206	-.014824	-.000048	-.001046	.754368	-.011945	.012432

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.94356	-.008262	-.005738	-.000247	.0284974	.0065302	-.001255
Stddev	.06449	.002145	.001914	.000302	.0080547	.0022961	.000533
%RSD	3.317951	25.96370	33.35298	122.0773	28.26488	35.16044	42.44461

#1	-1.88917	-.007616	-.007934	-.000035	.0363075	.0090914	-.001590
#2	-2.01480	-.006514	-.004858	-.000592	.0202185	.0046561	-.001535
#3	-1.92673	-.010656	-.004423	-.000114	.0289662	.0058432	-.000641

Sample Name: J4755-19 Acquired: 9/7/2018 17:46:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0H30 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001882	-.011334	.0001250
Stddev	.004217	.001590	.0001230
%RSD	224.0656	14.02933	98.43066

#1	-.000358	-.009940	-.000016
#2	-.006649	-.010996	.000179
#3	.001361	-.013066	.000212

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7049.803	7898.331	165395.5	19214.21	11229.43
Stddev	35.345	13.399	407.9	68.74	21.87
%RSD	.5013665	.1696415	.2466131	.3577708	.1947503

#1	7042.224	7912.482	164976.9	19237.76	11242.82
#2	7018.862	7896.673	165418.0	19136.79	11241.27
#3	7088.323	7885.839	165791.8	19268.09	11204.19

Sample Name: PB112669BL Acquired: 9/7/2018 17:50:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) 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	.0009981	-.000111	.0029718	.0018382	-.003256	.0368295	-.000362
Stddev	.0023882	.000829	.0037143	.0006886	.001558	.0013560	.000539
%RSD	239.2785	746.8549	124.9853	37.45926	47.84886	3.681935	148.6428

#1	.0015029	.000654	-.000955	.0015583	-.001786	.0373553	-.000649
#2	.0030936	.000005	.003441	.0026226	-.004889	.0378438	-.000698
#3	-.001602	-.000992	.006429	.0013336	-.003093	.0352892	.000259

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000009	-.000075	-.026973	.0006959	.0002557	.0003691	.0081104
Stddev	.0001318	.000137	.027203	.0008843	.0004913	.0093232	.0168024
%RSD	14580.94	182.1043	100.8556	127.0740	192.1206	2525.697	207.1721

#1	-.000086	-.000080	-.058280	.0000867	.0008008	.0095383	-.010472
#2	.000153	-.000210	-.009104	.0002908	.0001189	.0006698	.022234
#3	-.000064	.000064	-.013534	.0017101	-.000153	-.009101	.012569

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004079	.0093545	.0002812	-.000143	.0237285	-.007783	-.004704
Stddev	.0024944	.1332149	.0003958	.000375	.6384157	.007262	.003721
%RSD	611.4611	1424.076	140.7645	263.2731	2690.499	93.31167	79.08850

#1	-.002250	.1627631	.0007307	.000279	-.693953	-.003966	-.003320
#2	.002699	-.077125	.0001277	-.000441	.236711	-.016157	-.001874
#3	.000775	-.057574	-.000015	-.000266	.528428	-.003225	-.008919

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0580059	-.011113	-.003467	.0003448	-.005122	.0018117	-.001020
Stddev	.1052796	.004621	.000801	.0001955	.006530	.0014806	.001082
%RSD	181.4981	41.57842	23.09663	56.70722	127.4970	81.72708	106.0658

#1	.1643700	-.007138	-.004389	.0002423	.000072	.0010217	-.002193
#2	-.046155	-.016183	-.003065	.0002219	-.002985	.0008936	-.000061
#3	.055802	-.010019	-.002946	.0005703	-.012453	.0035198	-.000806

Sample Name: PB112669BL Acquired: 9/7/2018 17:50:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) 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	-.003218	-.000192	.0000263
Stddev	.003199	.003783	.0002985
%RSD	99.42615	1968.254	1135.442

#1	-.002927	-.003794	-.000020
#2	-.000174	.003749	.000345
#3	-.006553	-.000532	-.000246

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6914.459	7704.629	163172.0	19343.54	10975.18
Stddev	26.071	11.278	719.7	48.03	15.27
%RSD	.3770509	.1463786	.4410597	.2482810	.1391232

#1	6923.662	7710.403	162991.5	19391.86	10971.35
#2	6934.681	7711.850	163964.8	19295.82	10992.01
#3	6885.035	7691.633	162559.8	19342.94	10962.20

Sample Name: PB112669BS Acquired: 9/7/2018 17:54:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) 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	.0162456	.0479944	.0200849	.0753830	.1271894	.3829139
Stddev	.0018401	.0010482	.0043030	.0015175	.0008505	.0164768
%RSD	11.32655	2.184086	21.42389	2.013096	.6687047	4.303002

#1	.0183395	.0489454	.0156721	.0743239	.1278522	.3787674
#2	.0155109	.0481673	.0242689	.0747036	.1262304	.3689064
#3	.0148864	.0468705	.0203136	.0771215	.1274855	.4010679

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3964162	.0104826	.0102055	9.795452	.0218349	.0963442
Stddev	.0009937	.0001439	.0001597	.030421	.0002551	.0009207
%RSD	.2506730	1.372375	1.565219	.3105657	1.168476	.9556630

#1	.3974768	.0106226	.0101696	9.764470	.0215404	.0956373
#2	.3962651	.0103352	.0100668	9.796605	.0219872	.0973854
#3	.3955068	.0104898	.0103802	9.825280	.0219772	.0960099

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0521157	.2200146	.0322171	9.536908	.0806005	.0194499
Stddev	.0099030	.0184582	.0019105	.141331	.0009754	.0005041
%RSD	19.00203	8.389532	5.930068	1.481942	1.210146	2.591789

#1	.0509760	.2141639	.0301125	9.632757	.0816739	.0190602
#2	.0625392	.2051907	.0326964	9.374596	.0803590	.0200192
#3	.0428318	.2406890	.0338423	9.603370	.0797685	.0192703

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.465680	.0967166	.1130320	9.215011	F .1753187	F .0138555
Stddev	.127334	.0115150	.0323799	.105807	.0017176	.0018058
%RSD	1.345219	11.90588	28.64667	1.148202	.9796867	13.03311

#1	9.318794	.0836615	.0757020	9.311066	.1753567	.0153674
#2	9.544819	.1054277	.1335159	9.101599	.1770170	.0118560
#3	9.533426	.1010605	.1298783	9.232367	.1735824	.0143431

Sample Name: PB112669BS Acquired: 9/7/2018 17:54:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) 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	.0201048	.1918855	.1896665	F .0140098	.0948579	.0891286
Stddev	.0005663	.0074010	.0008597	.0006506	.0016964	.0038216
%RSD	2.816589	3.857009	.4532450	4.644020	1.788372	4.287780

#1	.0200312	.1927421	.1897132	.0145264	.0940304	.0897802
#2	.0195789	.1840935	.1905018	.0142239	.0968093	.0850230
#3	.0207042	.1988210	.1887844	.0132791	.0937341	.0925825

Elem	Sr4077
Units	ppm
Avg	.1979071
Stddev	.0004297
%RSD	.2171440

#1	.1982890
#2	.1979905
#3	.1974418

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6948.833	7740.832	163604.7	19168.67	11101.82
Stddev	23.391	16.554	140.2	145.89	9.50
%RSD	.3366229	.2138587	.0856964	.7611027	.0855322

#1	6975.767	7749.333	163672.8	19024.09	11104.39
#2	6933.608	7751.409	163697.8	19166.09	11109.77
#3	6937.126	7721.754	163443.4	19315.84	11091.31

Sample Name: J4666-01 Acquired: 9/7/2018 17:59:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ME0AA0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0777150	-.000930	.1212372	-.016754	.0021722	54.41697	.6390985
Stddev	.0036402	.000242	.0009695	.003113	.0015491	.17950	.0012453
%RSD	4.683979	26.02631	.7996542	18.57773	71.31526	.3298526	.1948528

#1	.0746721	-.000713	.1207801	-.020078	.0037975	54.30005	.6376715
#2	.0817477	-.000885	.1205808	-.013908	.0007127	54.62364	.6396588
#3	.0767253	-.001190	.1223507	-.016277	.0020063	54.32723	.6399653

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050735	.0026449	31.57326	.1568871	.0612875	.0797475	158.1597
Stddev	.0001204	.0002163	.13904	.0002881	.0010341	.0060117	.7196
%RSD	2.372052	8.178601	.4403724	.1836402	1.687353	7.538393	.4549722

#1	.0049891	.0025931	31.42387	.1570042	.0612870	.0825574	157.5377
#2	.0052113	.0028824	31.69889	.1570982	.0602536	.0838398	157.9936
#3	.0050202	.0024592	31.59702	.1565589	.0623219	.0728455	158.9478

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.534073	14.16181	2.433492	-.003339	10.02055	.1469901	.6749934
Stddev	.005250	.14645	.009599	.000407	.24267	.0029528	.0147160
%RSD	.1485583	1.034092	.3944363	12.19046	2.421727	2.008863	2.180172

#1	3.532266	13.99316	2.427192	-.003767	9.75330	.1436163	.6580536
#2	3.529965	14.23540	2.428744	-.003292	10.08120	.1482501	.6823038
#3	3.539988	14.25687	2.444539	-.002957	10.22714	.1491039	.6846227

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.120289	3.379719	.2740813	.0128183	3.691561	1.785709	.0026150
Stddev	.059259	.011697	.0027036	.0003770	.034507	.013698	.0029686
%RSD	1.157345	.3461072	.9864121	2.940858	.9347631	.7670810	113.5197

#1	5.108874	3.367274	.2716627	.0125746	3.678767	1.774165	.0031712
#2	5.184425	3.390488	.2735810	.0126278	3.665277	1.782118	-.000592
#3	5.067568	3.381394	.2770000	.0132525	3.730638	1.800845	.005266

Sample Name: J4666-01 Acquired: 9/7/2018 17:59:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ME0AA0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6236324	.0525902	.1756205
Stddev	.0060532	.0045842	.0002667
%RSD	.9706387	8.716870	.1518664

#1	.6290745	.0549092	.1753307
#2	.6171128	.0555515	.1758558
#3	.6247099	.0473098	.1756749

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7018.573	7832.608	165570.9	19404.40	11037.95
Stddev	32.946	7.904	801.9	96.08	10.44
%RSD	.4694158	.1009162	.4843516	.4951503	.0945934

#1	7056.244	7837.628	166414.6	19515.32	11030.32
#2	7004.339	7836.698	164818.5	19350.79	11049.85
#3	6995.138	7823.496	165479.7	19347.08	11033.69

Sample Name: J4666-02 Acquired: 9/7/2018 18:03:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ME0AA0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0739005	.0016104	.1182551	-.014428	.0016210	54.07742	.6371943
Stddev	.0039812	.0052315	.0051523	.002330	.0030835	.02997	.0009870
%RSD	5.387244	324.8506	4.356939	16.15251	190.2180	.0554232	.1548911

#1	.0751350	.0027582	.1123601	-.012272	.0051034	54.06580	.6381341
#2	.0694483	.0061728	.1218978	-.014112	.0005220	54.05500	.6372825
#3	.0771183	-.004100	.1205073	-.016900	-.000762	54.11146	.6361661

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051167	.0024651	31.66023	.1580711	.0607353	.0757281	158.7229
Stddev	.0000572	.0001844	.07354	.0008458	.0001553	.0041376	.1762
%RSD	1.117860	7.481973	.2322719	.5350795	.2556238	5.463759	.1110315

#1	.0051044	.0026713	31.74054	.1587584	.0608454	.0773574	158.8278
#2	.0050666	.0024080	31.64395	.1571266	.0605577	.0788030	158.8214
#3	.0051790	.0023159	31.59619	.1583284	.0608028	.0710239	158.5194

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.542407	14.52950	2.442403	-.004378	10.40162	.1450140	.6610092
Stddev	.002972	.16584	.008497	.000527	.33454	.0056453	.0126361
%RSD	.0838913	1.141384	.3478782	12.03929	3.216210	3.892944	1.911637

#1	3.540579	14.66065	2.435640	-.003937	10.06036	.1392550	.6473397
#2	3.540807	14.58477	2.439629	-.004962	10.41548	.1505383	.6634249
#3	3.545836	14.34309	2.451940	-.004236	10.72901	.1452488	.6722631

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.059647	3.359428	.2789297	.0129581	3.634507	1.789127	.0034783
Stddev	.155023	.002012	.0005963	.0007349	.025549	.011170	.0024353
%RSD	3.063913	.0598923	.2137723	5.671300	.7029660	.6243042	70.01390

#1	5.237732	3.357142	.2795620	.0138032	3.609561	1.781933	.0061122
#2	4.986303	3.360213	.2783775	.0124694	3.633342	1.783452	.0030143
#3	4.954905	3.360930	.2788496	.0126017	3.660619	1.801995	.0013084

Sample Name: J4666-02 Acquired: 9/7/2018 18:03:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ME0AA0D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6224957	.0502711	.1748775
Stddev	.0009866	.0026619	.0007707
%RSD	.1584974	5.295157	.4407239

#1	.6214709	.0475216	.1757672
#2	.6234392	.0528358	.1744118
#3	.6225769	.0504559	.1744536

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6925.498	7821.073	164017.2	19379.82	11009.61
Stddev	25.149	14.461	691.3	43.37	7.44
%RSD	.3631300	.1849028	.4215054	.2237693	.0676076

#1	6909.391	7806.365	163259.1	19372.58	11002.88
#2	6954.477	7835.275	164179.5	19426.34	11008.35
#3	6912.627	7821.577	164612.9	19340.52	11017.61

Sample Name: J4666-03 Acquired: 9/7/2018 18:07:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ME0AA0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1482035	.0881206	.1558220	.0875727	.2022856	57.22123	4.648193
Stddev	.0062265	.0039989	.0021597	.0013771	.0020964	.28467	.007534
%RSD	4.201315	4.537975	1.386018	1.572473	1.036362	.4974943	.1620840

#1	.1480294	.0838303	.1571929	.0891356	.2022183	56.90094	4.639845
#2	.1545151	.0887872	.1569406	.0870445	.2002236	57.44540	4.654487
#3	.1420658	.0917442	.1533324	.0865378	.2044148	57.31734	4.650247

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1040704	.1020632	31.12173	.5686545	1.062664	.5942787	159.2390
Stddev	.0003295	.0002765	.02887	.0014625	.003234	.0018725	.8767
%RSD	.3166364	.2709492	.0927615	.2571826	.3043238	.3150848	.5505395

#1	.1040004	.1018829	31.08865	.5670147	1.061007	.5956251	160.1869
#2	.1044293	.1023816	31.13472	.5698239	1.060594	.5921404	158.4574
#3	.1037815	.1019251	31.14184	.5691251	1.066390	.5950705	159.0727

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.502563	14.28499	3.418144	.0917530	10.16431	1.170598	1.693070
Stddev	.019741	.07697	.005983	.0008364	.68019	.016398	.038819
%RSD	.4384454	.5387971	.1750283	.9115323	6.691972	1.400816	2.292838

#1	4.500785	14.37340	3.415516	.0915626	9.93050	1.153981	1.690518
#2	4.483771	14.24868	3.413926	.0910283	10.93057	1.171043	1.733103
#3	4.523133	14.23290	3.424991	.0926682	9.63186	1.186768	1.655590

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.125001	3.351127	.2719532	.0124101	3.615326	1.768309	.0008455
Stddev	.074665	.027481	.0021658	.0002830	.017291	.009183	.0004171
%RSD	1.456885	.8200491	.7964020	2.280376	.4782623	.5193092	49.32852

#1	5.138433	3.326059	.2733579	.0121425	3.601181	1.766839	.0003788
#2	5.044531	3.346810	.2730427	.0127063	3.610196	1.778138	.0011819
#3	5.192038	3.380510	.2694589	.0123816	3.634601	1.759949	.0009759

Sample Name: J4666-03 Acquired: 9/7/2018 18:07:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ME0AA0S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6122635	.0541016	.1729621
Stddev	.0040940	.0041147	.0006991
%RSD	.6686640	7.605463	.4041627

#1	.6082113	.0532212	.1728595
#2	.6121813	.0585852	.1737067
#3	.6163980	.0504984	.1723200

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6910.627	7803.959	163588.3	19275.02	11003.40
Stddev	52.959	8.698	352.3	56.87	1.50
%RSD	.7663426	.1114624	.2153748	.2950224	.0136723

#1	6864.787	7793.919	163261.9	19339.90	11001.71
#2	6898.495	7809.223	163541.2	19233.81	11003.91
#3	6968.600	7808.736	163961.9	19251.35	11004.59

Sample Name: J4666-01LX5 Acquired: 9/7/2018 18:11:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ME0AA0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0208633	.0002495	.0264406	-.002952	-.001090	10.70322	.1269020
Stddev	.0026466	.0038972	.0040021	.002021	.001888	.03326	.0005435
%RSD	12.68552	1561.910	15.13613	68.45540	173.1345	.3107359	.4282776

#1	.0196902	.0036022	.0226973	-.001524	-.000348	10.74075	.1264821
#2	.0190060	.0011727	.0306590	-.002068	.000314	10.67739	.1275159
#3	.0238937	-.004026	.0259654	-.005264	-.003236	10.69152	.1267080

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009949	.0004215	6.258585	.0315908	.0129022	.0106785	31.46822
Stddev	.0001207	.0000444	.050267	.0013171	.0002880	.0083589	.14933
%RSD	12.13223	10.54270	.8031666	4.169230	2.232244	78.27791	.4745283

#1	.0009570	.0004612	6.202230	.0305903	.0128787	.0117232	31.33594
#2	.0008977	.0004297	6.298797	.0310991	.0132013	.0018464	31.63015
#3	.0011300	.0003735	6.274727	.0330830	.0126267	.0184660	31.43858

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7058870	2.724723	.4845631	-.001580	2.355520	.0238927	.1195237
Stddev	.0070952	.045468	.0024046	.000305	.504829	.0044278	.0181357
%RSD	1.005152	1.668737	.4962493	19.29355	21.43173	18.53205	15.17336

#1	.6978874	2.776782	.4822050	-.001826	2.800647	.0208803	.1298045
#2	.7083549	2.704589	.4844726	-.001239	2.458914	.0218213	.1301830
#3	.7114188	2.692798	.4870117	-.001675	1.806999	.0289765	.0985834

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.138991	.6682492	.0516112	.0026034	.7415713	.3559489	-.000393
Stddev	.067265	.0009864	.0005202	.0006848	.0037004	.0035350	.001211
%RSD	5.905664	.1476139	1.007947	26.30480	.4989932	.9931130	308.3430

#1	1.175175	.6677347	.0517730	.0028056	.7384341	.3526879	.001005
#2	1.180419	.6693866	.0510294	.0031644	.7406275	.3554534	-.001091
#3	1.061379	.6676265	.0520313	.0018403	.7456521	.3597055	-.001093

Sample Name: J4666-01LX5 Acquired: 9/7/2018 18:11:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ME0AA0L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1218195	.0089897	.0349457
Stddev	.0022701	.0041269	.0001906
%RSD	1.863490	45.90759	.5453408

#1	.1238829	.0044556	.0347257
#2	.1221880	.0125270	.0350554
#3	.1193878	.0099864	.0350560

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6949.431	7828.662	164387.3	19539.41	11079.55
Stddev	13.102	13.269	510.2	7.36	20.11
%RSD	.1885344	.1694891	.3103649	.0376675	.1815458

#1	6950.164	7843.933	164849.7	19547.76	11101.38
#2	6935.978	7819.947	163840.0	19533.87	11075.50
#3	6962.151	7822.108	164472.2	19536.61	11061.77

Sample Name: J4666-04 Acquired: 9/7/2018 18:15:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ME0AA1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0794400	-.002957	.1056889	-.025727	.0026300	47.20322	.4193710
Stddev	.0014511	.002292	.0049317	.002013	.0009137	.13967	.0024305
%RSD	1.826678	77.50450	4.666283	7.823873	34.74065	.2958910	.5795501

#1	.0793302	-.003608	.1000833	-.027334	.0017617	47.05080	.4193257
#2	.0780469	-.000410	.1076232	-.026377	.0025452	47.23380	.4169635
#3	.0809429	-.004853	.1093603	-.023469	.0035831	47.32507	.4218238

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054437	.0010851	19.54181	.1059716	.0660455	.0976575	221.2456
Stddev	.0000614	.0001588	.11407	.0013851	.0006233	.0045017	.8395
%RSD	1.127677	14.63471	.5837149	1.307026	.9437562	4.609642	.3794326

#1	.0054007	.0012467	19.43788	.1057208	.0654570	.0937031	220.8023
#2	.0055141	.0010792	19.52370	.1047290	.0659809	.1025565	220.7207
#3	.0054164	.0009293	19.66385	.1074649	.0666986	.0967128	222.2138

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.628653	19.28364	.2008996	-.003924	2.019597	.1923499	1.260272
Stddev	.003519	.02532	.0004153	.000640	.355768	.0138074	.036530
%RSD	.2160445	.1313259	.2067168	16.29703	17.61580	7.178288	2.898565

#1	1.627729	19.28636	.2005329	-.004543	1.665207	.1919444	1.221152
#2	1.625689	19.30749	.2013505	-.003266	2.016857	.1787497	1.293494
#3	1.632542	19.25706	.2008154	-.003965	2.376727	.2063556	1.266170

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.015045	3.283896	.2537137	.0113008	11.15759	1.775385	.0017501
Stddev	.052911	.027339	.0034985	.0003212	.01154	.023429	.0016898
%RSD	1.055044	.8325091	1.378916	2.842280	.1033904	1.319673	96.55594

#1	4.980988	3.278858	.2502634	.0109671	11.16389	1.781676	-.000198
#2	4.988146	3.259427	.2536193	.0113277	11.14427	1.749452	.002628
#3	5.076001	3.313403	.2572585	.0116078	11.16461	1.795026	.002821

Sample Name: J4666-04 Acquired: 9/7/2018 18:15:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ME0AA1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7632022	.0535309	.1118235
Stddev	.0035490	.0005662	.0004037
%RSD	.4650127	1.057657	.3610573

#1	.7611779	.0541546	.1114344
#2	.7611285	.0533887	.1117955
#3	.7673001	.0530493	.1122405

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7074.533	7896.318	166924.6	19673.81	11052.36
Stddev	41.775	5.680	200.9	100.17	10.98
%RSD	.5904962	.0719345	.1203590	.5091790	.0993445

#1	7042.957	7898.112	166968.2	19756.50	11042.90
#2	7121.902	7900.884	166705.4	19702.51	11064.40
#3	7058.740	7889.957	167100.0	19562.41	11049.76

Sample Name: J4666-05 Acquired: 9/7/2018 18:19:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ME0AA2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1867163	.0016776	2.695321	-.026271	.0069370	39.72675	2.500576
Stddev	.0045204	.0052431	.009215	.005202	.0018450	.14660	.006628
%RSD	2.420999	312.5414	.3418852	19.80283	26.59685	.3690177	.2650697

#1	.1837366	.0076691	2.685813	-.022405	.0050619	39.80207	2.507340
#2	.1919176	-.000565	2.695936	-.024223	.0069987	39.82037	2.494093
#3	.1844946	-.002071	2.704212	-.032186	.0087504	39.55780	2.500294

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112910	.0125808	40.50821	.8520894	.0617814	.9908790	290.0581
Stddev	.0001195	.0001292	.04530	.0044453	.0008785	.0137471	1.0043
%RSD	1.058099	1.027152	.1118403	.5216940	1.422012	1.387363	.3462264

#1	.0112287	.0124574	40.51178	.8485287	.0608313	.9752308	288.8992
#2	.0112156	.0127152	40.46122	.8506681	.0625643	1.001012	290.6021
#3	.0114288	.0125699	40.55162	.8570716	.0619487	.996394	290.6729

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.602716	11.00339	.4646737	-.003756	3.324806	.1495586	9.783199
Stddev	.010645	.04360	.0003556	.000272	.360340	.0141082	.070642
%RSD	.4090036	.3962044	.0765354	7.247655	10.83793	9.433229	.7220790

#1	2.592460	11.03494	.4650721	-.003555	3.699828	.1364977	9.845624
#2	2.613712	10.95364	.4643883	-.003648	2.981205	.1476568	9.797458
#3	2.601977	11.02159	.4645606	-.004066	3.293384	.1645212	9.706514

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.000715	6.305435	.3559527	.0217473	6.460408	1.803531	.6631584
Stddev	.087404	.006167	.0049649	.0005550	.009593	.003228	.0051875
%RSD	2.912776	.0978064	1.394830	2.551911	.1484920	.1789773	.7822417

#1	3.078700	6.299105	.3504728	.0219086	6.456595	1.803569	.6581687
#2	3.017204	6.311425	.3572338	.0211295	6.471322	1.806741	.6685233
#3	2.906241	6.305775	.3601515	.0222037	6.453308	1.800285	.6627833

Sample Name: J4666-05 Acquired: 9/7/2018 18:19:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ME0AA2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9606426	.0676646	.6076979
Stddev	.0065805	.0021526	.0007046
%RSD	.6850122	3.181329	.1159494

#1	.9641616	.0697229	.6082806
#2	.9647154	.0654287	.6078983
#3	.9530508	.0678421	.6069147

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6949.891	7764.297	164330.3	19249.69	10963.64
Stddev	26.988	7.386	483.8	76.54	8.69
%RSD	.3883292	.0951331	.2943983	.3976035	.0792338

#1	6918.865	7755.861	163905.4	19228.98	10954.09
#2	6962.875	7769.600	164856.8	19334.46	10971.07
#3	6967.934	7767.431	164228.8	19185.65	10965.76

Sample Name: CCV015 Acquired: 9/7/2018 18:23:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) 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	4.847984	4.908140	23.92455	4.777506	5.042755	390.9786	9.813768
Stddev	.032990	.013709	.03971	.027991	.010214	1.3036	.029608
%RSD	.6804801	.2793183	.1659736	.5858967	.2025542	.3334322	.3016952

#1	4.833142	4.895455	23.94053	4.751036	5.032128	390.4839	9.847699
#2	4.825024	4.906281	23.87935	4.774676	5.043636	389.9948	9.793181
#3	4.885788	4.922684	23.95378	4.806804	5.052500	392.4572	9.800423

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4929320	2.456180	402.8030	15.14996	2.498896	14.72164	401.0581
Stddev	.0024801	.005019	1.6827	.02854	.008738	.07899	2.3860
%RSD	.5031216	.2043213	.4177457	.1884031	.3496760	.5365903	.5949270

#1	.4908125	2.455123	404.6322	15.15621	2.494451	14.75985	403.5280
#2	.4956595	2.451775	402.4558	15.11880	2.493273	14.63081	400.8805
#3	.4923239	2.461643	401.3209	15.17485	2.508963	14.77427	398.7659

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.40922	395.1812	2.493310	1.260163	392.1541	2.436969	14.80596
Stddev	.07755	2.8330	.004967	.007565	2.6672	.032274	.06500
%RSD	.5382269	.7168764	.1992203	.6003532	.6801507	1.324333	.4390298

#1	14.47073	397.3446	2.488546	1.251708	390.9974	2.399999	14.73932
#2	14.43483	396.2244	2.492926	1.266294	390.2605	2.451398	14.86919
#3	14.32210	391.9745	2.498458	1.262486	395.2045	2.459512	14.80938

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	150.5272	5.285615	5.156713	4.906744	5.071519	4.727390	4.986511
Stddev	.4374	.009795	.035727	.017628	.032077	.028021	.002552
%RSD	.2906029	.1853189	.6928287	.3592608	.6324874	.5927381	.0511722

#1	150.5831	5.274931	5.134514	4.896390	5.035962	4.696775	4.983607
#2	150.0645	5.287741	5.197926	4.896745	5.080313	4.751764	4.988394
#3	150.9340	5.294172	5.137700	4.927098	5.098281	4.733631	4.987531

Sample Name: CCV015 Acquired: 9/7/2018 18:23:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) 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	4.925135	5.003833	4.923849
Stddev	.018292	.019942	.009685
%RSD	.3713917	.3985259	.1967051

#1	4.909653	5.018604	4.935033
#2	4.920432	4.981150	4.918217
#3	4.945318	5.011746	4.918298

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6372.117	7191.918	153376.3	18573.75	9598.664
Stddev	33.559	22.811	72.3	6.28	22.623
%RSD	.5266526	.3171770	.0471585	.0338236	.2356859

#1	6368.551	7183.460	153300.6	18577.86	9578.917
#2	6340.483	7217.749	153383.4	18576.87	9623.347
#3	6407.316	7174.543	153444.7	18566.52	9593.728

Sample Name: CCB015 Acquired: 9/7/2018 18:27:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) 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	.0012773	-.000881	.0014705	.0022849	-.001861	.0340341	.0001640
Stddev	.0017446	.003205	.0021713	.0035504	.001153	.0055206	.0003165
%RSD	136.5848	363.6323	147.6638	155.3864	61.95932	16.22077	192.9286

#1	-.000610	-.003323	.0038311	-.000266	-.001111	.0384539	.0003074
#2	.001611	.002748	-.000442	.006340	-.001284	.0278460	-.000199
#3	.002831	-.002070	.001022	.000781	-.003189	.0358025	.000383

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001394	-.000098	-.009521	.0007722	.0010731	-.008390	.0523419
Stddev	.0000158	.000129	.017884	.0011539	.0004783	.004785	.0341822
%RSD	11.31304	132.2243	187.8417	149.4214	44.57222	57.02731	65.30559

#1	.0001214	.000051	-.013155	-.000555	.0006642	-.003388	.0239908
#2	.0001463	-.000185	-.025309	.001333	.0015990	-.008861	.0427355
#3	.0001507	-.000160	.009901	.001538	.0009560	-.012923	.0902995

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019782	.0308534	.0005818	-.000951	.1993458	-.000976	-.000114
Stddev	.0007568	.0861535	.0007223	.001226	.4746017	.004078	.011815
%RSD	38.25611	279.2352	124.1476	129.0280	238.0796	417.7997	10387.83

#1	.0028450	.0867267	.0004221	-.002361	-.312065	-.005672	-.013107
#2	.0014487	-.068365	.0013705	-.000359	.284492	.001068	.009985
#3	.0016409	.074198	-.000047	-.000132	.625611	.001676	.002781

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1400890	-.009794	.0030000	-.000015	.0040694	.0033685	-.001699
Stddev	.0682191	.001820	.0014443	.000304	.0077373	.0028325	.001203
%RSD	48.69694	18.58029	48.14214	2064.998	190.1345	84.08766	70.80755

#1	.0900037	-.007865	.0030913	-.000304	.0045684	.0066258	-.000313
#2	.2177856	-.010035	.0043964	.000302	-.003905	.0019964	-.002312
#3	.1124778	-.011481	.0015122	-.000043	.011545	.0014834	-.002472

Sample Name: CCB015 Acquired: 9/7/2018 18:27:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) 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	-.001406	-.000231	.0002229
Stddev	.002485	.003776	.0001906
%RSD	176.6862	1632.446	85.51511

#1	-.000574	-.000156	.0002380
#2	.000556	-.004045	.0000252
#3	-.004201	.003507	.0004054

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6981.061	7811.478	164002.6	19224.37	11089.08
Stddev	19.168	15.424	148.4	137.69	17.38
%RSD	.2745769	.1974509	.0905086	.7162176	.1567463

#1	6961.220	7815.315	164096.6	19147.25	11093.41
#2	6982.485	7824.621	163831.4	19142.51	11103.89
#3	6999.477	7794.498	164079.6	19383.33	11069.94

Sample Name: J4666-06 Acquired: 9/7/2018 18:31:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ME0AB4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1704274	-.001523	3.312024	-.016483	.0025250	43.34265	2.316486
Stddev	.0035495	.007415	.007053	.001889	.0020971	.17461	.008723
%RSD	2.082730	486.9677	.2129441	11.46111	83.05379	.4028666	.3765518

#1	.1740406	-.010078	3.317685	-.015090	.0016141	43.52779	2.326448
#2	.1669452	.003057	3.304124	-.018633	.0010374	43.31923	2.312794
#3	.1702964	.002453	3.314265	-.015725	.0049235	43.18092	2.310218

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093519	.0121772	47.15492	.8697774	.0457014	1.047079	219.2142
Stddev	.0003069	.0001009	.15781	.0037159	.0013075	.010109	.8740
%RSD	3.281531	.8287195	.3346653	.4272182	2.861033	.9654147	.3987018

#1	.0094378	.0121549	47.32814	.8684677	.0468804	1.046958	220.0170
#2	.0096067	.0120893	47.01932	.8739707	.0442952	1.057248	218.2832
#3	.0090112	.0122874	47.11729	.8668937	.0459287	1.037032	219.3426

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.075624	13.90127	.4075252	-.001941	2.406531	.1213432	9.712225
Stddev	.007606	.12321	.0014072	.001148	.571413	.0071684	.087022
%RSD	.3664559	.8863338	.3452975	59.13478	23.74424	5.907540	.8960024

#1	2.080503	14.03484	.4073504	-.001457	2.985456	.1138385	9.674076
#2	2.066860	13.87691	.4062136	-.001114	2.391200	.1281197	9.650793
#3	2.079509	13.79206	.4090116	-.003251	1.842939	.1220715	9.811806

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.890909	6.417566	.2814895	.0183185	4.882097	1.673723	.5120474
Stddev	.086533	.015262	.0040075	.0002843	.016277	.005928	.0017645
%RSD	2.993275	.2378155	1.423681	1.551918	.3333922	.3541942	.3446009

#1	2.947827	6.431761	.2850954	.0180662	4.899620	1.680507	.5120166
#2	2.933571	6.419513	.2771750	.0186265	4.879220	1.669538	.5102986
#3	2.791329	6.401424	.2821981	.0182627	4.867450	1.671125	.5138272

Sample Name: J4666-06 Acquired: 9/7/2018 18:31:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ME0AB4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8196526	.0729224	.6121300
Stddev	.0021361	.0023165	.0031428
%RSD	.2606097	3.176640	.5134156

#1	.8176790	.0752993	.6152376
#2	.8219206	.0727966	.6089532
#3	.8193582	.0706714	.6121993

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6972.700	7772.335	164503.6	19320.90	10971.75
Stddev	18.686	9.814	408.9	32.44	19.64
%RSD	.2679902	.1262648	.2485674	.1678978	.1789639

#1	6986.511	7761.320	164868.5	19284.37	10950.00
#2	6980.150	7780.146	164061.6	19331.99	10977.07
#3	6951.437	7775.539	164580.5	19346.34	10988.18

Sample Name: J4666-07 Acquired: 9/7/2018 18:35:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ME0AB7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0887657	-.001725	.0989869	-.016145	-.000716	35.88131	.2864185
Stddev	.0016646	.004687	.0021863	.002049	.000677	.13380	.0009267
%RSD	1.875304	271.7519	2.208696	12.69115	94.53209	.3728847	.3235332

#1	.0897724	-.006098	.0964889	-.014055	-.000222	36.03243	.2867819
#2	.0896804	.003224	.1005521	-.016230	-.000438	35.77796	.2871084
#3	.0868443	-.002301	.0999198	-.018150	-.001487	35.83352	.2853653

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036926	.0002263	11.47624	.9733102	.0412565	.1725028	145.4801
Stddev	.0001099	.0001506	.02794	.0011448	.0005808	.0025956	.2891
%RSD	2.974753	66.56987	.2434236	.1176165	1.407861	1.504682	.1986895

#1	.0038192	.0003463	11.50781	.9740764	.0411891	.1741585	145.7965
#2	.0036219	.0002753	11.45473	.9738600	.0407124	.1695113	145.2300
#3	.0036368	.0000572	11.46617	.9719943	.0418682	.1738385	145.4137

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.498635	8.272795	.1279354	-.003054	.8966512	.1114355	.7118832
Stddev	.003685	.129756	.0010015	.000913	.7028833	.0082411	.0395775
%RSD	.2458915	1.568467	.7828059	29.90614	78.38983	7.395441	5.559550

#1	1.501684	8.422457	.1279547	-.002084	.9227114	.1095931	.6920470
#2	1.499681	8.204097	.1269244	-.003180	.1811002	.1204419	.7574562
#3	1.494540	8.191832	.1289271	-.003898	1.586142	.1042715	.6861464

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.106587	1.820224	.1600132	.0079729	3.699548	1.468083	.0005182
Stddev	.168173	.012907	.0017246	.0003938	.011569	.014388	.0005541
%RSD	7.983195	.7090883	1.077804	4.939718	.3127103	.9800817	106.9335

#1	2.288166	1.805437	.1580860	.0079267	3.686219	1.483816	-.000091
#2	1.956182	1.825999	.1614113	.0076042	3.705433	1.455592	.000991
#3	2.075415	1.829234	.1605423	.0083878	3.706990	1.464842	.000655

Sample Name: J4666-07 Acquired: 9/7/2018 18:35:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ME0AB7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4152229	.0420003	.0644794
Stddev	.0025519	.0017540	.0001589
%RSD	.6145789	4.176154	.2464502

#1	.4173597	.0402189	.0643116
#2	.4159116	.0437255	.0646276
#3	.4123973	.0420565	.0644990

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7004.261	7820.840	165238.0	19203.65	11064.23
Stddev	22.549	10.286	586.9	135.41	12.83
%RSD	.3219383	.1315174	.3552141	.7051055	.1159788

#1	6997.585	7829.200	164912.4	19091.26	11078.64
#2	6985.803	7823.966	164886.1	19353.98	11060.01
#3	7029.394	7809.354	165915.6	19165.72	11054.04

Sample Name: J4766-03RE Acquired: 9/7/2018 18:39:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AE3S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0350111	.0454508	.0307477	.0326162	.1036150	2.025160	2.302154
Stddev	.0028731	.0012556	.0037451	.0048939	.0032625	.021366	.010068
%RSD	8.206180	2.762498	12.17994	15.00441	3.148643	1.055052	.4373253

#1	.0366187	.0449020	.0291708	.0320373	.1018058	2.047093	2.298987
#2	.0316941	.0468873	.0350234	.0280375	.1016580	2.004409	2.294051
#3	.0367207	.0445631	.0280490	.0377738	.1073812	2.023977	2.313425

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0541269	.0500777	82.49462	.2026768	.5283105	.2582686	155.5766
Stddev	.0000587	.0001865	.17457	.0009057	.0035295	.0060050	.2340
%RSD	.1084311	.3723756	.2116162	.4468643	.6680781	2.325116	.1504003

#1	.0541151	.0499454	82.36999	.2037009	.5267643	.2642773	155.8203
#2	.0541905	.0499966	82.41973	.2019813	.5258179	.2582615	155.3537
#3	.0540749	.0502910	82.69414	.2023483	.5323493	.2522672	155.5559

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9649106	39.96215	.5346396	.0451314	85.10774	.5335006	.5129309
Stddev	.0034370	.23188	.0030098	.0007735	.80014	.0109001	.0067306
%RSD	.3561966	.5802508	.5629629	1.713949	.9401531	2.043122	1.312177

#1	.9609644	39.69484	.5357616	.0459050	85.91594	.5286366	.5199992
#2	.9665186	40.10918	.5312300	.0451311	85.09138	.5258794	.5121949
#3	.9672489	40.08242	.5369273	.0443580	84.31591	.5459859	.5065986

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.025281	.1816675	1.195864	.0002474	28.05917	8.623465	-.000748
Stddev	.049364	.0040552	.008942	.0004667	.16947	.047559	.000698
%RSD	1.631716	2.232187	.7477725	188.6131	.6039594	.5515087	93.34303

#1	3.009427	.1782702	1.192717	.0007746	28.18531	8.641014	-.000277
#2	3.080623	.1805754	1.205955	-.000113	27.86655	8.659756	-.000416
#3	2.985791	.1861569	1.188921	.000081	28.12566	8.569625	-.001550

Sample Name: J4766-03RE Acquired: 9/7/2018 18:39:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AE3S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0020172	.0038149	.2172517
Stddev	.0047669	.0035424	.0003085
%RSD	236.3086	92.85809	.1420072

#1	.0026433	.0078186	.2176041
#2	-.003032	.0010874	.2171209
#3	.006440	.0025386	.2170302

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6919.467	7758.257	162843.4	19086.40	11062.55
Stddev	30.079	12.891	847.8	32.18	20.70
%RSD	.4346972	.1661562	.5206260	.1685971	.1871353

#1	6887.941	7757.213	161893.2	19057.60	11065.22
#2	6947.852	7771.638	163522.6	19080.46	11081.78
#3	6922.608	7745.919	163114.2	19121.13	11040.64

Sample Name: PB112695BL Acquired: 9/7/2018 18:43:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) 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	-.003272	.0007885	-.000883	.0026977	-.000658	.0240852	-.001094
Stddev	.001612	.0044977	.002148	.0060613	.000522	.0075338	.000268
%RSD	49.25692	570.4081	243.3382	224.6851	79.23953	31.27990	24.48635

#1	-.003666	-.004404	-.001469	-.000855	-.001182	.0173358	-.000828
#2	-.001500	.003276	.001497	.009696	-.000654	.0322131	-.001364
#3	-.004650	.003493	-.002676	-.000748	-.000139	.0227067	-.001089

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000015	-.000124	-.031890	.0008555	.0009924	.0004286	.0257868
Stddev	.0001050	.000080	.003579	.0006915	.0004551	.0056393	.0300770
%RSD	6965.089	64.60865	11.22273	80.82842	45.85570	1315.888	116.6372

#1	.0000074	-.000093	-.034316	.0012188	.0011217	.0068412	.0308401
#2	.0001034	-.000064	-.033575	.0000581	.0013688	-.001798	.0530170
#3	-.000106	-.000215	-.027780	.0012896	.0004866	-.003758	-.006497

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031379	.0204408	.0005456	-.001208	.2471086	-.004081	-.011334
Stddev	.0010789	.0744195	.0005917	.000906	.1597975	.004311	.016681
%RSD	34.38157	364.0742	108.4351	74.97767	64.66689	105.6279	147.1830

#1	.0026645	.0637033	.0004661	-.000233	.0730626	-.006419	-.002077
#2	.0023767	-.065491	-.000002	-.001369	.3871996	.000894	-.001334
#3	.0043725	.063110	.001173	-.002022	.2810638	-.006718	-.030590

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003189	-.008692	-.001876	.0001757	.0557718	.0037425	-.002900
Stddev	.053509	.006926	.000897	.0004196	.0029887	.0010117	.002011
%RSD	1678.086	79.68496	47.81736	238.7778	5.358747	27.03313	69.34959

#1	-.046386	-.016275	-.002903	.0001424	.0530157	.0049071	-.001384
#2	.056669	-.002700	-.001476	.0006110	.0553512	.0030795	-.002135
#3	-.019849	-.007100	-.001248	-.000226	.0589484	.0032411	-.005182

Sample Name: PB112695BL Acquired: 9/7/2018 18:43:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) 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	-.003247	-.002649	.0000976
Stddev	.002268	.003101	.0001298
%RSD	69.85046	117.0713	133.0009

#1	-.001786	-.004843	.0001225
#2	-.005859	.000899	.0002131
#3	-.002095	-.004002	-.000043

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6948.353	7811.790	163849.9	19482.32	11093.72
Stddev	26.291	9.562	596.8	54.66	6.59
%RSD	.3783755	.1224068	.3642240	.2805393	.0594446

#1	6927.505	7808.104	163168.0	19419.38	11101.22
#2	6977.888	7822.647	164276.7	19509.80	11088.86
#3	6939.666	7804.620	164105.0	19517.79	11091.06

Sample Name: PB112695BS Acquired: 9/7/2018 18:47:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) 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	.0141168	.0469779	.0204150	.0738410	.1308630	.4272258
Stddev	.0012201	.0030279	.0001564	.0051384	.0028151	.0172321
%RSD	8.642924	6.445312	.7660571	6.958797	2.151187	4.033486

#1	.0136525	.0434884	.0204911	.0797578	.1280469	.4340992
#2	.0155009	.0485339	.0205189	.0712657	.1336771	.4399604
#3	.0131971	.0489114	.0202352	.0704994	.1308648	.4076177

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4040697	.0107333	.0103486	10.04739	.0225838	.0999094
Stddev	.0003909	.0001308	.0003035	.01404	.0000547	.0005345
%RSD	.0967395	1.218590	2.932505	.1397439	.2422140	.5350124

#1	.4045082	.0106538	.0105279	10.06198	.0225802	.1000881
#2	.4039432	.0108842	.0099983	10.03397	.0225310	.0993085
#3	.4037578	.0106617	.0105197	10.04624	.0226403	.1003318

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0466493	.2285261	.0315649	9.804262	.0824085	.0199687
Stddev	.0028264	.0258232	.0028337	.059406	.0006111	.0003649
%RSD	6.058805	11.29987	8.977291	.6059189	.7415952	1.827446

#1	.0494997	.2146859	.0344478	9.869862	.0826840	.0203472
#2	.0438475	.2583192	.0287831	9.788825	.0817081	.0199398
#3	.0466008	.2125732	.0314638	9.754098	.0828333	.0196191

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.963032	.1014339	.0952882	9.317268	F .1757720	F .0168304
Stddev	.834060	.0043598	.0130821	.090511	.0024362	.0006907
%RSD	8.371551	4.298170	13.72899	.9714301	1.385996	4.104094

#1	10.68457	.1063663	.0817106	9.299480	.1769538	.0166543
#2	9.04982	.0980951	.0963430	9.415352	.1729703	.0175921
#3	10.15471	.0998402	.1078110	9.236972	.1773918	.0162447

Sample Name: PB112695BS Acquired: 9/7/2018 18:47:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) 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	.0207321	.2162920	.1968356	F .0135866	.0999638	.0914622
Stddev	.0005171	.0048774	.0030381	.0013658	.0022565	.0044027
%RSD	2.494432	2.254996	1.543460	10.05279	2.257273	4.813622

#1	.0201619	.2107438	.1933352	.0149313	.1011501	.0867168
#2	.0208636	.2199039	.1983850	.0122005	.0973616	.0954141
#3	.0211708	.2182283	.1987867	.0136281	.1013796	.0922558

Elem	Sr4077
Units	ppm
Avg	.2027228
Stddev	.0008326
%RSD	.4106955

#1	.2031626
#2	.2032432
#3	.2017625

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6956.189	7779.068	164121.8	19344.77	11139.98
Stddev	36.516	9.486	973.3	165.01	21.04
%RSD	.5249452	.1219367	.5930209	.8529914	.1888458

#1	6929.750	7788.824	163114.2	19258.58	11132.45
#2	6940.962	7778.502	164194.6	19240.70	11163.74
#3	6997.854	7769.878	165056.6	19535.03	11123.74

Sample Name: J4752-01 Acquired: 9/7/2018 18:51:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FL7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1507480	-.003064	1.495109	-.024376	.0071434	83.21611
Stddev	.0086599	.005578	.003378	.003617	.0013376	.31734
%RSD	5.744610	182.0441	.2259292	14.83660	18.72499	.3813482

#1	.1558768	.003309	1.494857	-.025822	.0086358	82.92288
#2	.1407496	-.005445	1.491864	-.027046	.0067416	83.17242
#3	.1556177	-.007057	1.498606	-.020260	.0060527	83.55304

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.143860	.0060833	.0209368	F 524.6343	.1225369	.0732981
Stddev	.003642	.0001096	.0000120	.7527	.0016159	.0005415
%RSD	.3184152	1.802210	.0573191	.1434620	1.318705	.7387073

#1	1.139716	.0059569	.0209409	525.3638	.1209429	.0737959
#2	1.146556	.0061532	.0209463	524.6786	.1241739	.0727216
#3	1.145307	.0061397	.0209233	523.8605	.1224938	.0733767

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5471133	167.6246	5.430101	67.84801	.1024767	.0036552
Stddev	.0039755	.5915	.020911	.28336	.0005888	.0006102
%RSD	.7266419	.3528740	.3850977	.4176443	.5745836	16.69289

#1	.5425453	168.3006	5.448082	68.17061	.1018126	.0043533
#2	.5490039	167.2024	5.407154	67.73410	.1026824	.0032236
#3	.5497908	167.3707	5.435066	67.63933	.1029351	.0033887

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.754096	.3323533	2.148943	28.56723	11.64305	.1924891
Stddev	.415536	.0125547	.051589	.08304	.02162	.0026360
%RSD	15.08791	3.777515	2.400649	.2906987	.1856877	1.369442

#1	2.454806	.3468478	2.094468	28.63292	11.62184	.1951673
#2	2.578950	.3248777	2.155306	28.59489	11.64225	.1898973
#3	3.228531	.3253344	2.197055	28.47389	11.66506	.1924026

Sample Name: J4752-01 Acquired: 9/7/2018 18:51:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FL7 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080945	3.996120	2.259652	.0051746	3.149327	.1241783
Stddev	.0002547	.001279	.026750	.0009364	.001902	.0024074
%RSD	3.147163	.0320006	1.183799	18.09686	.0603836	1.938685

#1	.0079773	3.996041	2.249315	.0041200	3.147748	.1224297
#2	.0083868	3.997437	2.239614	.0054950	3.148795	.1269241
#3	.0079196	3.994883	2.290028	.0059088	3.151438	.1231811

Elem	Sr4077
Units	ppm
Avg	.5227930
Stddev	.0014563
%RSD	.2785562

#1	.5225205
#2	.5214923
#3	.5243663

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6730.576	7488.151	159890.4	19356.86	10315.42
Stddev	32.741	11.809	868.2	30.52	21.78
%RSD	.4864496	.1577067	.5430179	.1576918	.2111209

#1	6702.891	7488.500	159283.0	19332.06	10318.27
#2	6766.715	7499.782	160884.8	19390.95	10335.64
#3	6722.122	7476.171	159503.4	19347.57	10292.36

Sample Name: J4752-02 Acquired: 9/7/2018 18:55:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FL8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1755990	-.005112	2.232395	-.023222	.0092801	89.99501	1.182205
Stddev	.0109012	.007900	.006713	.003340	.0040028	.35192	.002681
%RSD	6.208035	154.5541	.3007253	14.38497	43.13318	.3910410	.2267437

#1	.1872157	-.007664	2.230234	-.027071	.0060891	90.37060	1.185125
#2	.1655922	-.011420	2.227029	-.021505	.0079798	89.94154	1.179856
#3	.1739892	.003749	2.239923	-.021088	.0137714	89.67288	1.181634

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067646	.0293686	224.6734	.1386838	.0818463	.7096068	193.7579
Stddev	.0001372	.0001113	.5202	.0010416	.0004148	.0078496	.3899
%RSD	2.028634	.3789267	.2315573	.7510426	.5068229	1.106188	.2012260

#1	.0066228	.0292482	224.1717	.1391149	.0822640	.7149509	193.3289
#2	.0067743	.0294677	225.2104	.1374959	.0818405	.7005947	194.0907
#3	.0068967	.0293901	224.6379	.1394407	.0814344	.7132747	193.8541

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.048781	71.84810	.1126857	.0090426	5.289957	.3999589	2.949411
Stddev	.015374	.17803	.0009951	.0001833	.489825	.0084681	.093546
%RSD	.2181047	.2477876	.8831133	2.026925	9.259532	2.117245	3.171676

#1	7.039916	71.69929	.1118136	.0088907	5.855427	.3901870	3.057272
#2	7.066533	72.04533	.1124737	.0092462	4.996667	.4051467	2.890448
#3	7.039895	71.79966	.1137698	.0089909	5.017777	.4045430	2.900514

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.12040	10.31088	.2459868	.0125993	6.662751	3.033720	.0114183
Stddev	.05882	.06247	.0033292	.0007153	.046122	.001120	.0010042
%RSD	.1776041	.6058803	1.353393	5.677278	.6922328	.0369194	8.794429

#1	33.17810	10.33034	.2498102	.0120006	6.705947	3.034756	.0102592
#2	33.06052	10.24100	.2444212	.0133914	6.614176	3.032532	.0119706
#3	33.12257	10.36131	.2437291	.0124060	6.668131	3.033874	.0120251

Sample Name: J4752-02 Acquired: 9/7/2018 18:55:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FL8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.295261	.1330694	.5207127
Stddev	.023335	.0028103	.0006713
%RSD	.5432714	2.111896	.1289139

#1	4.318145	.1298245	.5203868
#2	4.296138	.1346621	.5214848
#3	4.271500	.1347215	.5202667

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6739.032	7625.234	160788.3	19085.54	10517.72
Stddev	36.330	11.907	659.5	66.14	31.66
%RSD	.5391000	.1561542	.4101506	.3465612	.3010367

#1	6697.233	7612.202	160035.4	19161.05	10483.11
#2	6756.846	7635.545	161263.9	19057.74	10545.22
#3	6763.017	7627.956	161065.5	19037.84	10524.84

Sample Name: J4752-03 Acquired: 9/7/2018 18:59:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FL9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1153988	-.005087	1.491180	-.020749	.0101061	77.49417	1.068110
Stddev	.0046858	.004690	.005492	.003997	.0022768	.05894	.001629
%RSD	4.060514	92.19505	.3682973	19.26405	22.52844	.0760592	.1525144

#1	.1171867	-.006911	1.485242	-.019126	.0122022	77.43736	1.067365
#2	.1100823	-.008592	1.496076	-.025302	.0104323	77.55504	1.069978
#3	.1189274	.000241	1.492223	-.017819	.0076839	77.49012	1.066986

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061288	.0260539	228.8267	.1438451	.0778207	.7006791	181.0268
Stddev	.0000243	.0002122	.3289	.0015335	.0005139	.0093469	.2230
%RSD	.3960061	.8144320	.1437351	1.066095	.6604182	1.333980	.1231810

#1	.0061066	.0258391	228.8778	.1420768	.0774728	.7112578	181.0801
#2	.0061547	.0262634	229.1270	.1446474	.0775783	.6935369	181.2182
#3	.0061250	.0260594	228.4752	.1448110	.0784111	.6972426	180.7819

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.627325	72.47932	.1121792	.0062369	3.629065	.3880678	2.258038
Stddev	.001207	.38820	.0013669	.0003300	.038494	.0053925	.054627
%RSD	.0214512	.5356050	1.218527	5.291013	1.060703	1.389577	2.419239

#1	5.628648	72.86869	.1127614	.0062138	3.658585	.3879628	2.319917
#2	5.627040	72.47698	.1106176	.0059190	3.585526	.3827285	2.216499
#3	5.626285	72.09230	.1131587	.0065778	3.643083	.3935120	2.237697

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.59896	11.27573	.2094691	.0103326	5.803713	3.205994	.0083607
Stddev	.10620	.04076	.0026744	.0004113	.039130	.109310	.0013060
%RSD	.3713269	.3614696	1.276749	3.980502	.6742309	3.409558	15.62113

#1	28.47663	11.27182	.2117763	.0102835	5.768269	3.124042	.0081401
#2	28.65274	11.23706	.2065379	.0099481	5.797166	3.330106	.0097630
#3	28.66750	11.31830	.2100931	.0107663	5.845704	3.163833	.0071790

Sample Name: J4752-03 Acquired: 9/7/2018 18:59:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FL9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.180914	.1117418	.4315977
Stddev	.003056	.0009370	.0005070
%RSD	.0960816	.8385078	.1174668

#1	3.177694	.1107352	.4310372
#2	3.181272	.1125886	.4320243
#3	3.183775	.1119016	.4317316

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6890.955	7667.120	163708.1	19507.91	10604.73
Stddev	51.209	9.857	483.6	113.36	7.67
%RSD	.7431380	.1285653	.2953845	.5811225	.0723544

#1	6832.592	7678.423	163321.8	19594.35	10608.29
#2	6928.368	7662.625	164250.4	19379.56	10609.98
#3	6911.904	7660.311	163552.1	19549.82	10595.93

Sample Name: J4752-04 Acquired: 9/7/2018 19:03:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FM0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1183653	-.004266	1.218420	-.020139	.0073316	86.46237	1.052842
Stddev	.0062933	.001841	.006781	.003092	.0032387	.08376	.002282
%RSD	5.316812	43.15224	.5565698	15.35306	44.17402	.0968751	.2167541

#1	.1150315	-.002221	1.215183	-.021146	.0079579	86.43029	1.053906
#2	.1144402	-.004787	1.213864	-.022603	.0038255	86.39939	1.054397
#3	.1256241	-.005790	1.226214	-.016669	.0102114	86.55743	1.050222

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058231	.0206922	183.1623	.1316380	.0733906	.6797024	171.2360
Stddev	.0000881	.0001895	.0452	.0009393	.0014089	.0061380	.3685
%RSD	1.513131	.9157399	.0246694	.7135803	1.919667	.9030479	.2152042

#1	.0058277	.0205011	183.1598	.1325711	.0719835	.6783013	171.6463
#2	.0057329	.0206955	183.1184	.1316503	.0733872	.6864199	171.1287
#3	.0059089	.0208800	183.2086	.1306925	.0748012	.6743861	170.9330

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.313813	66.30758	.1008779	.0027094	3.733617	.3716844	1.949459
Stddev	.017267	.20914	.0009270	.0008876	.617435	.0057479	.035996
%RSD	.3249542	.3154155	.9189225	32.76144	16.53718	1.546454	1.846446

#1	5.329069	66.40035	.0999324	.0031651	3.021020	.3681996	1.932587
#2	5.317303	66.45430	.1017852	.0032766	4.070405	.3783187	1.924998
#3	5.295068	66.06810	.1009163	.0016865	4.109425	.3685349	1.990791

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.93770	9.034247	.1971303	.0116834	4.879565	2.407125	.0063591
Stddev	.26169	.057740	.0015506	.0004387	.037860	.032891	.0014811
%RSD	.9367076	.6391234	.7865974	3.754729	.7758832	1.366391	23.29115

#1	27.95470	8.979077	.1989197	.0115561	4.840945	2.370266	.0077329
#2	27.66791	9.029411	.1962900	.0113225	4.881135	2.417626	.0047901
#3	28.19047	9.094253	.1961812	.0121717	4.916616	2.433482	.0065544

Sample Name: J4752-04 Acquired: 9/7/2018 19:03:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FM0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.446563	.1133534	.4172561
Stddev	.015677	.0045250	.0004747
%RSD	.4548700	3.991978	.1137705

#1	3.431150	.1158195	.4176521
#2	3.446047	.1161098	.4167298
#3	3.462492	.1081311	.4173864

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6855.065	7629.879	162806.4	19286.42	10602.28
Stddev	55.684	8.103	938.3	86.91	17.63
%RSD	.8123072	.1062063	.5763396	.4506110	.1662953

#1	6912.961	7622.711	163718.7	19384.11	10611.74
#2	6850.340	7638.672	161844.0	19217.69	10613.17
#3	6801.894	7628.255	162856.6	19257.47	10581.94

Sample Name: CCV016 Acquired: 9/7/2018 19:07:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV016 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.953572	5.022910	25.03369	4.913747	5.002671	411.7801	10.06622
Stddev	.021459	.031306	.05770	.024241	.012504	1.5711	.02628
%RSD	.4331943	.6232571	.2305010	.4933246	.2499515	.3815375	.2610691

#1	4.945687	5.021806	25.03633	4.918923	5.010402	409.9670	10.08961
#2	4.937172	4.992171	24.97471	4.887336	4.988245	412.7401	10.07126
#3	4.977858	5.054753	25.09002	4.934982	5.009368	412.6332	10.03778

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5009374	2.520352	409.8889	15.47178	2.556164	15.16421	416.3078
Stddev	.0030941	.006847	.5692	.04190	.007803	.01718	1.8895
%RSD	.6176674	.2716831	.1388611	.2708402	.3052614	.1133152	.4538706

#1	.4985638	2.518690	410.4758	15.50682	2.558523	15.15599	418.3903
#2	.5044368	2.514488	409.8515	15.48317	2.547454	15.18396	415.8299
#3	.4998115	2.527877	409.3393	15.42536	2.562516	15.15267	414.7031

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.99929	405.5056	2.538006	1.271896	410.4011	2.536138	15.25131
Stddev	.01987	.2116	.008125	.001272	2.5232	.037300	.12889
%RSD	.1324460	.0521745	.3201330	.1000308	.6148143	1.470746	.8451170

#1	15.02222	405.5080	2.545528	1.271809	407.5009	2.502708	15.15125
#2	14.98738	405.2929	2.529389	1.273210	412.0924	2.576372	15.20593
#3	14.98827	405.7160	2.539101	1.270670	411.6101	2.529333	15.39676

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.0135	5.368819	5.246098	4.996266	5.258177	4.894125	5.098211
Stddev	.5363	.043767	.022857	.006496	.018846	.019659	.014941
%RSD	.3481996	.8152117	.4356957	.1300269	.3584184	.4016792	.2930695

#1	153.5370	5.379906	5.239161	4.997875	5.264233	4.878438	5.093908
#2	154.5942	5.320574	5.271620	4.989116	5.237048	4.916177	5.085894
#3	153.9093	5.405976	5.227513	5.001806	5.273251	4.887758	5.114832

Sample Name: CCV016 Acquired: 9/7/2018 19:07:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV016 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.065742	5.133088	5.049727
Stddev	.020079	.001537	.004630
%RSD	.3963771	.0299371	.0916886

#1	5.043258	5.134690	5.047534
#2	5.081886	5.131626	5.055046
#3	5.072083	5.132949	5.046601

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6370.159	7146.077	152244.2	18462.23	9526.966
Stddev	13.755	3.570	248.8	45.73	4.930
%RSD	.2159337	.0499596	.1634004	.2476855	.0517491

#1	6372.036	7147.174	152139.6	18506.26	9521.292
#2	6382.880	7142.087	152064.8	18414.98	9530.203
#3	6355.562	7148.970	152528.2	18465.46	9529.402

Sample Name: CCB016 Acquired: 9/7/2018 19:11:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB016 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009462	-.001389	.0009634	.0036010	-.001875	.0175390
Stddev	.001881	.004163	.0012854	.0017963	.001571	.0102106
%RSD	19.87667	299.6923	133.4209	49.88248	83.75122	58.21678

#1	-.007369	.003214	.0012871	.0037776	-.003555	.0179732
#2	-.010007	-.002489	.0020560	.0017230	-.000443	.0071182
#3	-.011010	-.004892	-.000453	.0053024	-.001628	.0275255

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000992	-.000014	-.000251	-.008679	.0003142	.0003606
Stddev	.000285	.000157	.000030	.020445	.0000575	.0005614
%RSD	28.70064	1103.880	11.92067	235.5654	18.30938	155.6835

#1	-.000667	-.000044	-.000217	.006377	.0003016	-.000254
#2	-.001113	-.000154	-.000273	-.031954	.0002640	.000490
#3	-.001196	.000155	-.000263	-.000460	.0003770	.000846

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002466	.0051931	.0009526	-.006722	.0006675	-.000886
Stddev	.008954	.0140656	.0017365	.042385	.0004353	.000446
%RSD	363.1458	270.8531	182.2866	630.5792	65.21124	50.37580

#1	-.009572	.0039853	.0004427	-.024069	.0011393	-.000371
#2	-.005416	-.008230	.0028869	-.037681	.0002816	-.001136
#3	.007591	.019824	-.000472	.041585	.0005815	-.001151

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0846409	-.000337	.0003424	.1046538	F -.017583	.0044346
Stddev	.4275468	.007276	.0018032	.0374133	.006004	.0014905
%RSD	505.1303	2155.792	526.5727	35.74957	34.14689	33.61147

#1	.4573819	.003905	-.001608	.1471809	-.011326	.0027847
#2	-.382076	-.008739	.001949	.0768074	-.018124	.0048352
#3	.178617	.003821	.000686	.0899730	-.023298	.0056838

Sample Name: CCB016 Acquired: 9/7/2018 19:11:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v643) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB016 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006310	.0239643	.0020574	-.001691	-.003759	-.000730
Stddev	.0003066	.0094194	.0030290	.000558	.002092	.002444
%RSD	48.59138	39.30605	147.2262	32.96842	55.66203	334.9234

#1	.0009493	.0304702	-.000763	-.002302	-.006135	.002067
#2	.0006059	.0282599	.001676	-.001562	-.002190	-.001800
#3	.0003376	.0131628	.005259	-.001209	-.002952	-.002455

Elem	Sr4077
Units	ppm
Avg	.0001646
Stddev	.0000162
%RSD	9.833106

#1	.0001831
#2	.0001576
#3	.0001531

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6932.342	7828.122	163224.1	19127.84	11115.12
Stddev	6.300	20.973	437.2	59.65	19.59
%RSD	.0908797	.2679177	.2678656	.3118262	.1762015

#1	6938.486	7851.632	163511.7	19059.92	11136.39
#2	6932.644	7811.335	163439.7	19151.90	11097.83
#3	6925.896	7821.399	162721.0	19171.69	11111.13