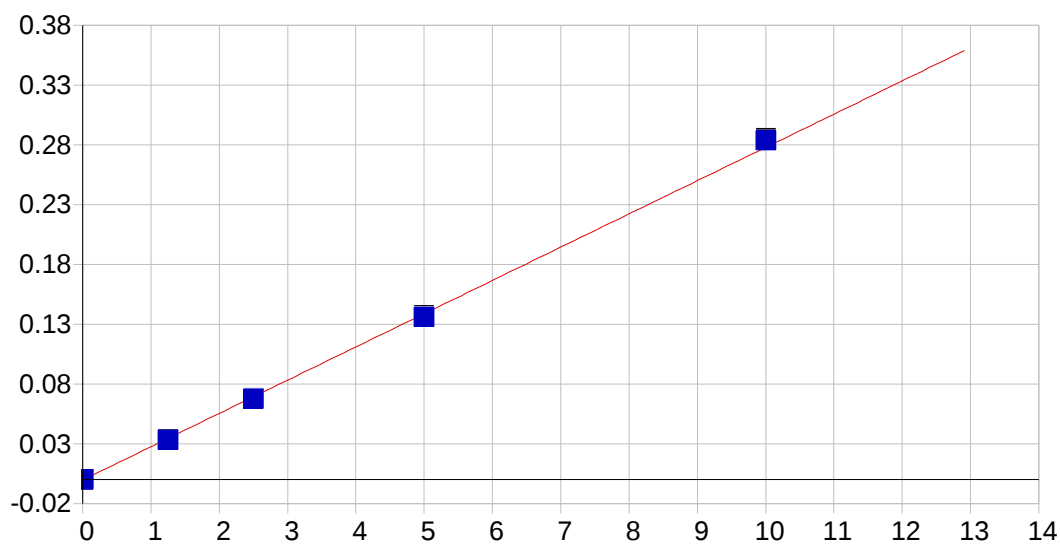


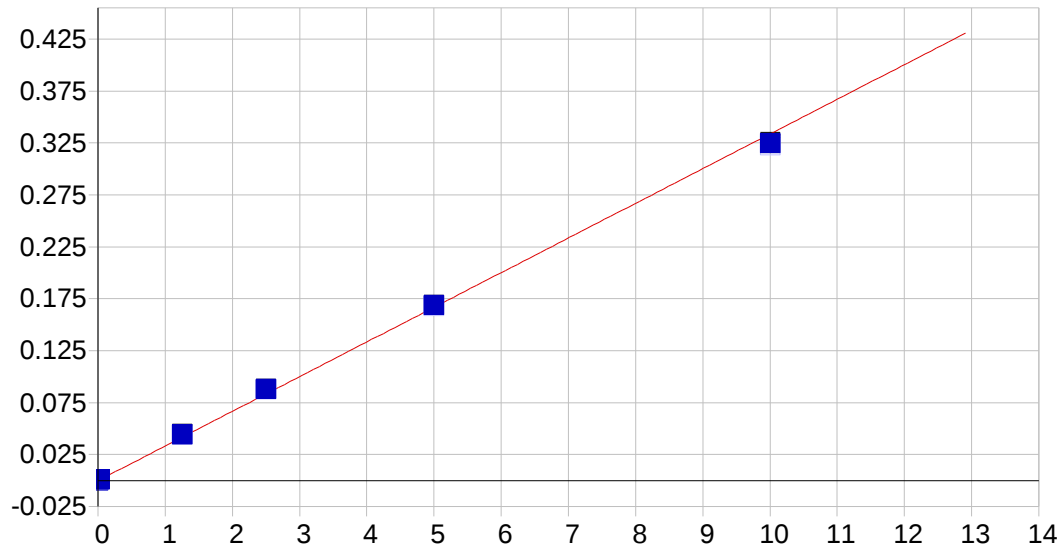


As 189.042 {479}

Date of Fit: 6/18/2018 17:44:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000178 Re-Slope: 1.000000
 A1 (Gain): 0.027809 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999747 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.004270
 Predicted MQL: 0.014235

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00018	.000	1
S1	.01000	.01064	.001	6.37	.00012	.000	1
S2	1.2500	1.2016	-.048	-3.87	.03332	.000	1
S3	2.5000	2.4415	-.058	-2.34	.06788	.000	1
S4	5.0000	4.9000	-.100	-2.00	.13641	.001	1
S5	10.000	10.206	.206	2.06	.28430	.001	1



TI 190.856 {477}

Date of Fit: 6/18/2018 17:44:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000135

Re-Slope: 1.000000

A1 (Gain): 0.033370

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999428

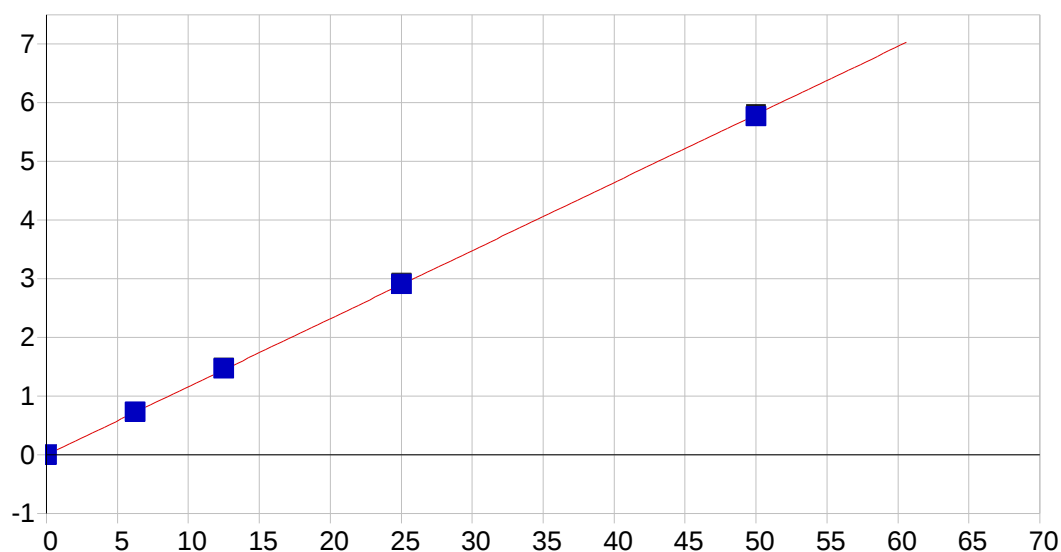
Status: OK.

Std Error of Est: 0.000030

Predicted MDL: 0.002595

Predicted MQL: 0.008651

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00014	.000	1
S1	.02500	.02785	.003	11.4	.00078	.000	1
S2	1.2500	1.3330	.083	6.64	.04410	.000	1
S3	2.5000	2.6342	.134	5.37	.08727	.000	1
S4	5.0000	5.0553	.055	1.11	.16755	.000	1
S5	10.000	9.7246	-.275	-2.75	.32236	.001	1

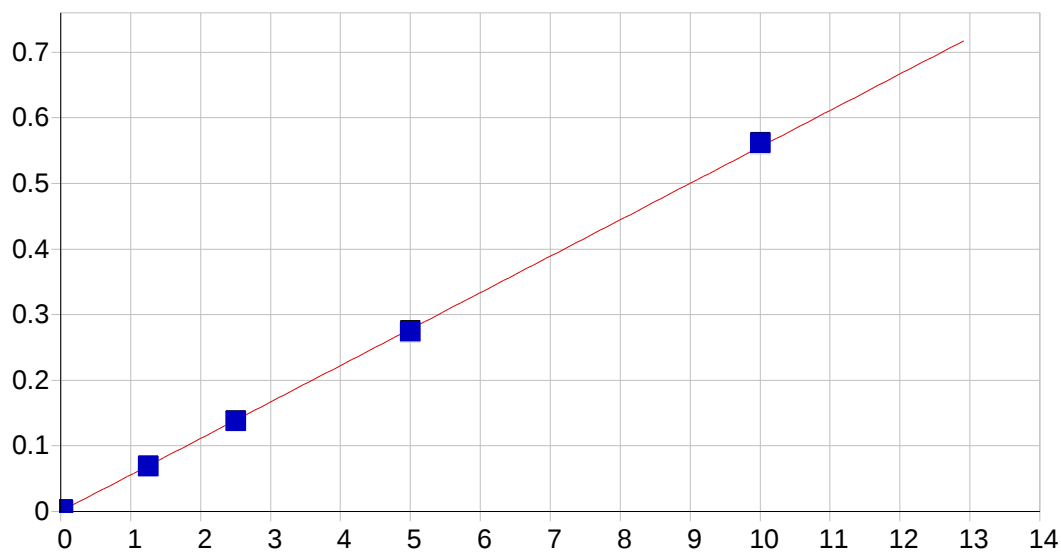


Pb 220.353 {453}

Date of Fit: 6/18/2018 17:44:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000016 Re-Slope: 1.000000
 A1 (Gain): 0.116014 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971 Status: OK.
 Std Error of Est: 0.000033
 Predicted MDL: 0.001785
 Predicted MQL: 0.005948

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00002	.000	1
S1	.01000	.00991	.000	-.923	.00114	.000	1
S2	6.2500	6.3272	.077	1.24	.73516	.004	1
S3	12.500	12.682	.182	1.45	1.4735	.005	1
S4	25.000	25.043	.043	.174	2.9099	.017	1
S5	50.000	49.698	-.302	-.605	5.7747	.022	1



Date of Fit: 6/18/2018 17:44:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000229

Re-Slope: 1.000000

A1 (Gain): 0.055543

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999932

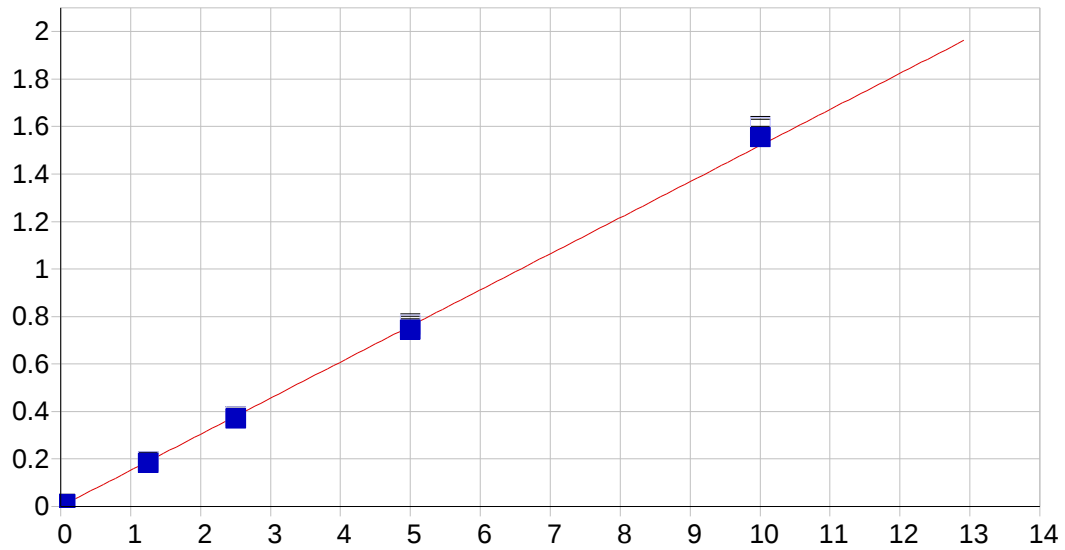
Status: OK.

Std Error of Est: 0.000020

Predicted MDL: 0.003258

Predicted MQL: 0.010858

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00023	.000	1
S1	.03500	.03309	-.002	-5.46	.00207	.000	1
S2	1.2500	1.2364	-.014	-1.09	.06858	.001	1
S3	2.5000	2.4799	-.020	-.804	.13732	.000	1
S4	5.0000	4.9294	-.071	-1.41	.27272	.002	1
S5	10.000	10.106	.106	1.06	.55895	.001	1

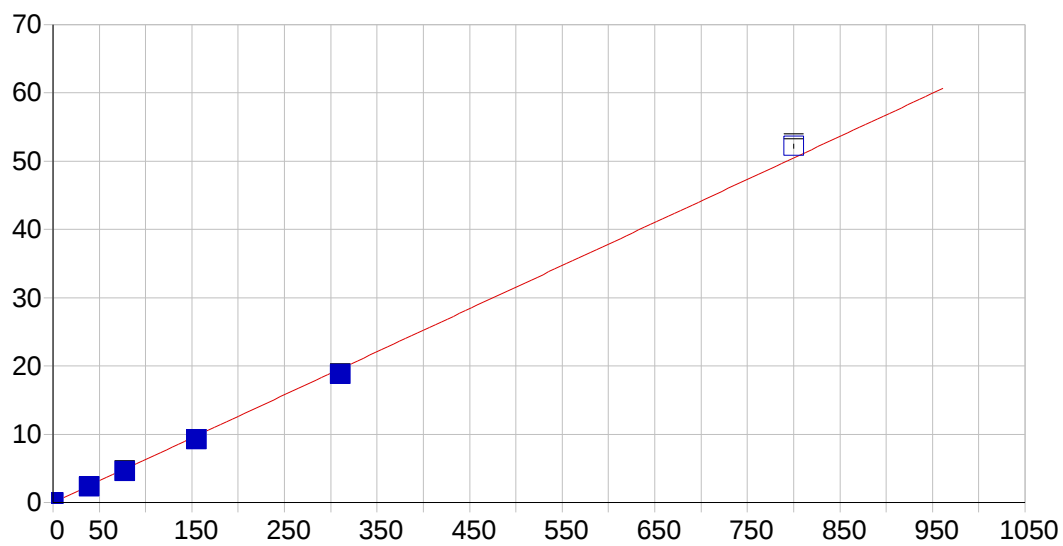


Sb 206.833 {463}

Date of Fit: 6/18/2018 17:44:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000413 Re-Slope: 1.000000
 A1 (Gain): 0.151961 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999719 Status: OK.
 Std Error of Est: 0.000152
 Predicted MDL: 0.001534
 Predicted MQL: 0.005114

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00041	.000	1
S1	.06000	.05992	.000	-.125	.00952	.000	1
S2	1.2500	1.2027	-.047	-3.78	.18835	.001	1
S3	2.5000	2.4248	-.075	-3.01	.37924	.000	1
S4	5.0000	4.8981	-.102	-2.04	.76542	.004	1
S5	10.000	10.224	.224	2.24	1.5955	.005	1

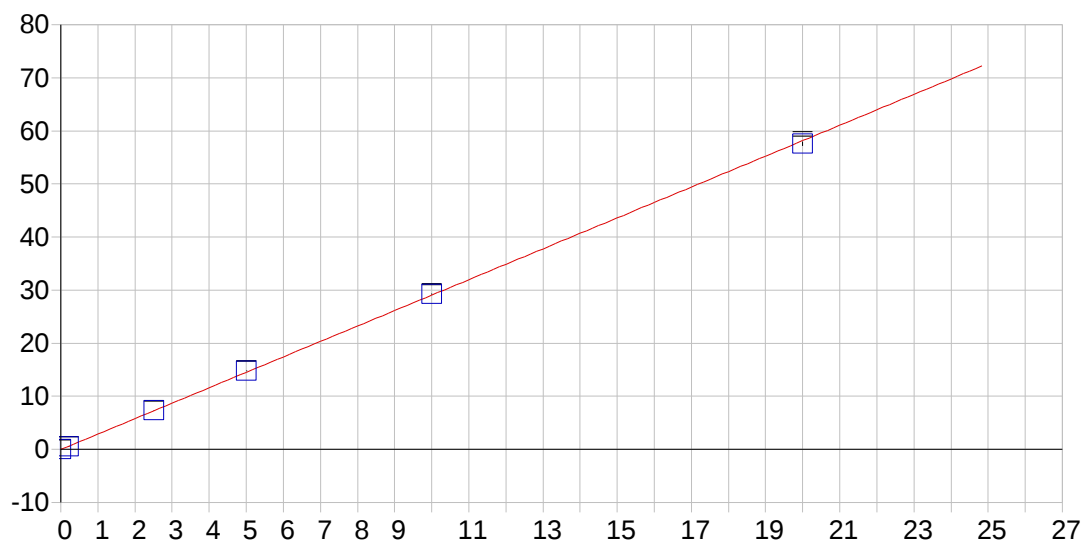


AI 396.152 { 85}

Date of Fit: 6/18/2018 17:44:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000518 Re-Slope: 1.000000
 A1 (Gain): 0.063096 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999175 Status: OK.
 Std Error of Est: 0.001595
 Predicted MDL: 0.008275
 Predicted MQL: 0.027585

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00052	.000	1
S1	.20000	.19197	-.008	-4.02	.01265	.000	1
S2	38.750	36.302	-2.45	-6.32	2.2933	.007	1
S3	77.500	73.031	-4.47	-5.77	4.6131	.025	1
S4	155.00	146.27	-8.73	-5.63	9.2385	.028	1
S5	310.00	298.30	-11.7	-3.77	18.840	.044	1
S6	800.00	827.38	27.4	3.42	52.205	.383	1

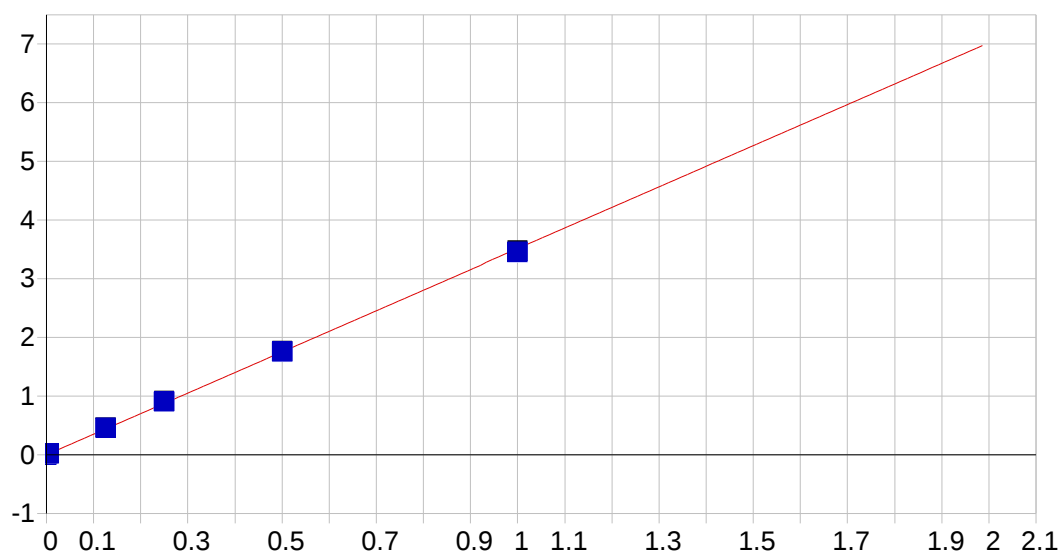


Ba 493.409 { 68}

Date of Fit: 6/18/2018 17:44:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.027436 Re-Slope: 1.000000
 A1 (Gain): 2.908935 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999939 Status: OK.
 Std Error of Est: 0.003416
 Predicted MDL: 0.000592
 Predicted MQL: 0.001972

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.02746	.001	1
S1	.20000	.20332	.003	1.66	.56402	.003	1
S2	2.5000	2.5228	.023	.913	7.3113	.025	1
S3	5.0000	5.0984	.098	1.97	14.803	.033	1
S4	10.000	10.071	.071	.705	29.267	.073	1
S5	20.000	19.805	-.195	-.975	57.584	.458	1



Be 234.861 {144}

Date of Fit: 6/18/2018 17:44:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001017

Re-Slope: 1.000000

A1 (Gain): 3.513333

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999792

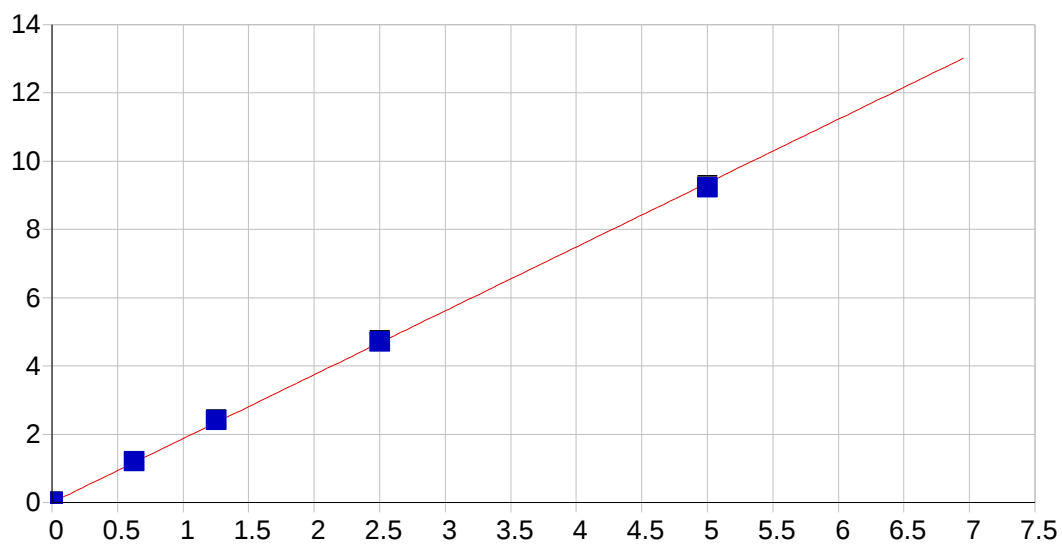
Status: OK.

Std Error of Est: 0.000268

Predicted MDL: 0.000073

Predicted MQL: 0.000243

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00102	.000	1
S1	.00500	.00519	.000	3.85	.01721	.001	1
S2	.12500	.13086	.006	4.68	.45680	.002	1
S3	.25000	.25841	.008	3.36	.90301	.007	1
S4	.50000	.50011	.000	.021	1.7483	.015	1
S5	1.0000	.98544	-.015	-1.46	3.4458	.022	1

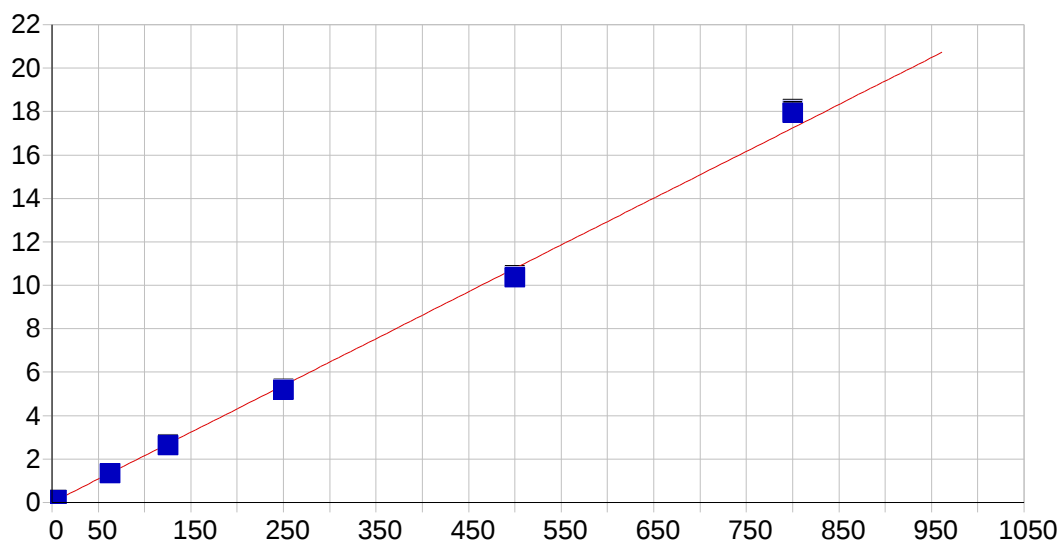


Cd 214.438 {457}

Date of Fit: 6/18/2018 17:44:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000351 Re-Slope: 1.000000
 A1 (Gain): 1.871690 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999864 Status: OK.
 Std Error of Est: 0.000260
 Predicted MDL: 0.000087
 Predicted MQL: 0.000290

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00035	.000	1
S1	.00500	.00509	.000	1.89	.00989	.000	1
S2	.62500	.64274	.018	2.84	1.2058	.007	1
S3	1.2500	1.2862	.036	2.89	2.4125	.008	1
S4	2.5000	2.5143	.014	.573	4.7160	.032	1
S5	5.0000	4.9317	-.068	-1.37	9.2502	.033	1



Ca 373.690 { 90}

Date of Fit: 6/18/2018 17:44:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000661

Re-Slope: 1.000000

A1 (Gain): 0.021556

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999288

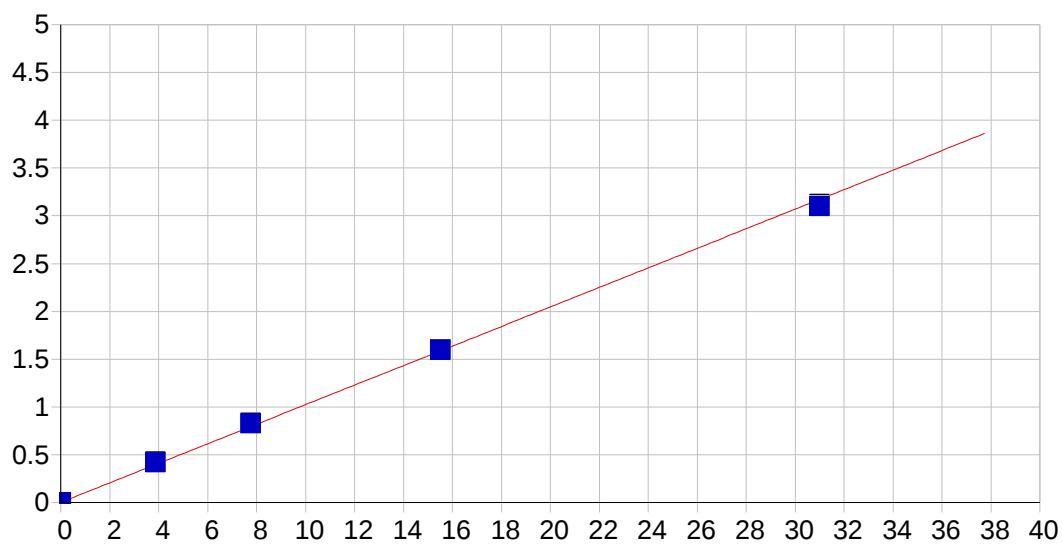
Status: OK.

Std Error of Est: 0.002854

Predicted MDL: 0.017203

Predicted MQL: 0.057343

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00028	.000	.000	.00067	.000	1
S1	5.0000	5.0934	.093	1.87	.11047	.001	1
S2	62.500	61.495	-1.00	-1.61	1.3311	.003	1
S3	125.00	122.35	-2.65	-2.12	2.6476	.020	1
S4	250.00	240.29	-9.71	-3.88	5.1997	.032	1
S5	500.00	480.75	-19.2	-3.85	10.402	.053	1
S6	800.00	832.44	32.4	4.06	18.047	.058	1

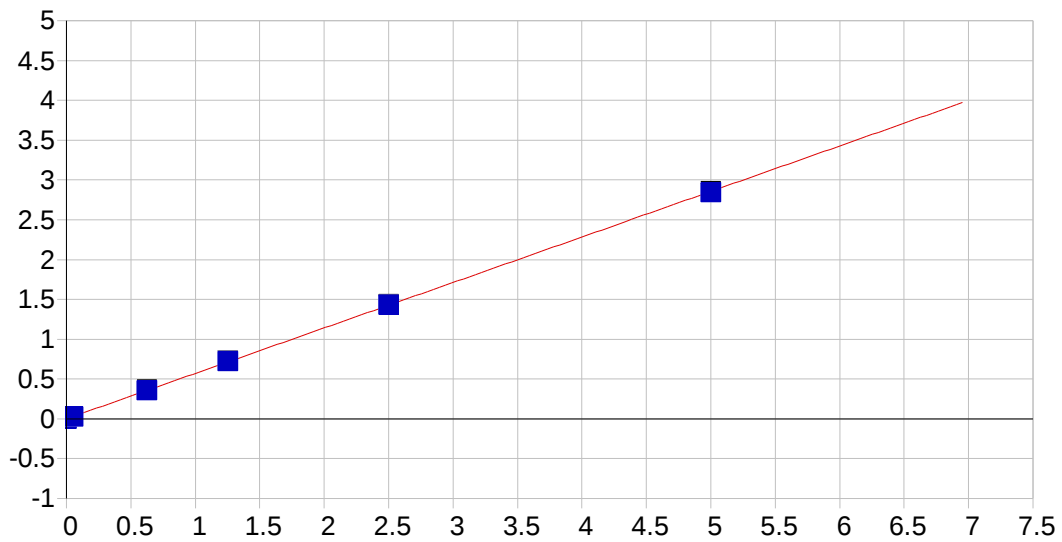


Cr 267.716 {126}

Date of Fit: 6/18/2018 17:44:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000022 Re-Slope: 1.000000
 A1 (Gain): 0.102287 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999604 Status: OK.
 Std Error of Est: 0.000085
 Predicted MDL: 0.000454
 Predicted MQL: 0.001514

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00002	.000	1
S1	.01000	.01117	.001	11.7	.00117	.000	1
S2	3.8750	4.1161	.241	6.22	.42175	.003	1
S3	7.7500	8.1038	.354	4.56	.83033	.005	1
S4	15.500	15.576	.076	.492	1.5961	.008	1
S5	31.000	30.328	-.672	-2.17	3.1077	.014	1

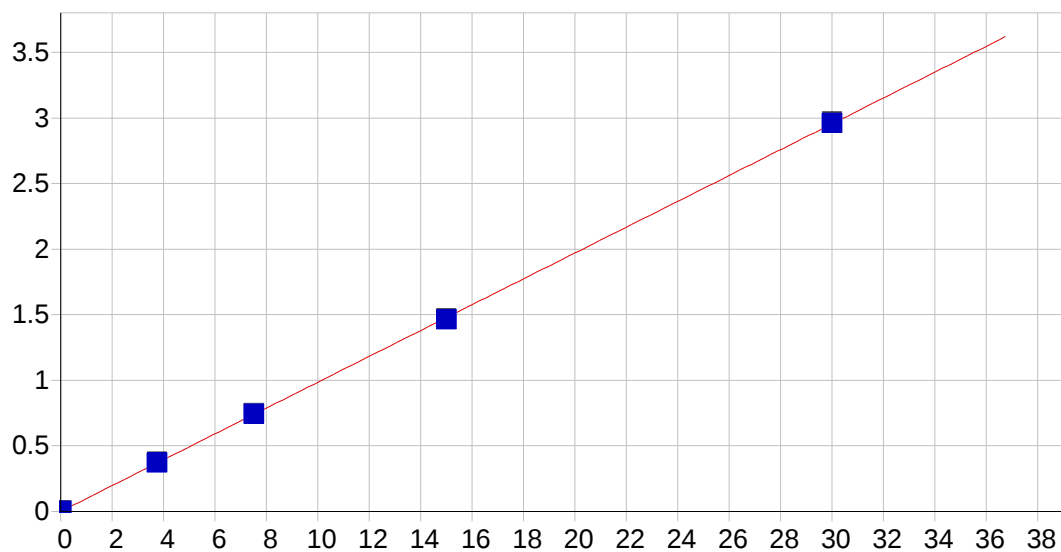


Co 228.616 {448}

Date of Fit: 6/18/2018 17:44:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000055 Re-Slope: 1.000000
 A1 (Gain): 0.571066 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976 Status: OK.
 Std Error of Est: 0.000106
 Predicted MDL: 0.000276
 Predicted MQL: 0.000919

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00006	.000	1
S1	.05000	.04985	.000	-.308	.02852	.000	1
S2	.62500	.62832	.003	.531	.35946	.002	1
S3	1.2500	1.2696	.020	1.57	.72639	.003	1
S4	2.5000	2.5027	.003	.109	1.4320	.009	1
S5	5.0000	4.9745	-.025	-.510	2.8464	.011	1

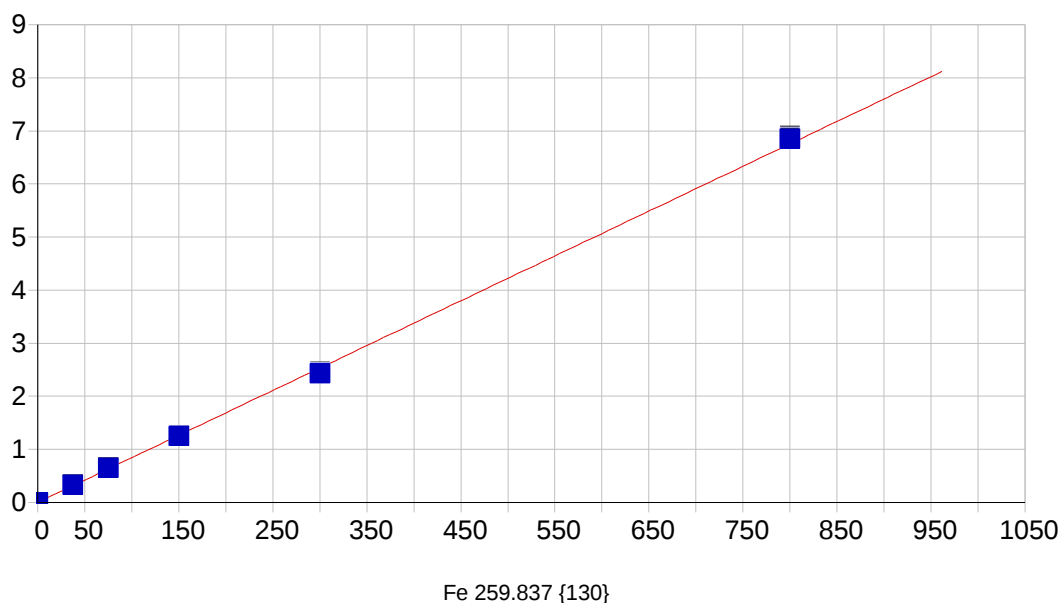


Cu 324.754 {104}

Date of Fit: 6/18/2018 17:44:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000284 Re-Slope: 1.000000
 A1 (Gain): 0.098486 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999980 Status: OK.
 Std Error of Est: 0.000028
 Predicted MDL: 0.002732
 Predicted MQL: 0.009105

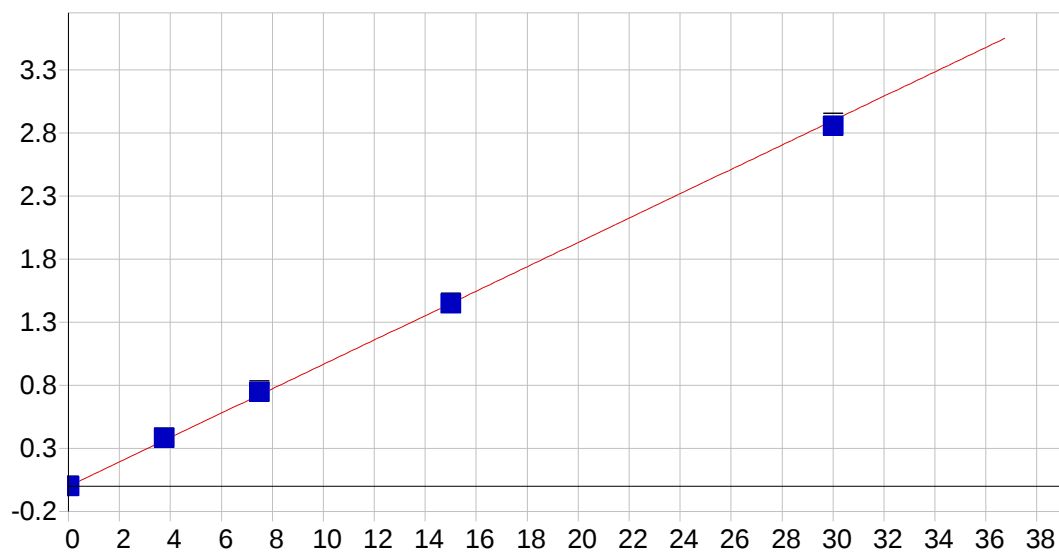
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00028	.000	1
S1	.02500	.02698	.002	7.93	.00294	.000	1
S2	3.7500	3.7878	.038	1.01	.37310	.002	1
S3	7.5000	7.5401	.040	.534	.74242	.004	1
S4	15.000	14.858	-.142	-.943	1.4627	.005	1
S5	30.000	30.062	.062	.206	2.9591	.010	1



Date of Fit: 6/18/2018 17:44:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000029 Re-Slope: 1.000000
 A1 (Gain): 0.008444 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999724 Status: OK.
 Std Error of Est: 0.000087
 Predicted MDL: 0.015175
 Predicted MQL: 0.050584

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00003	.000	1
S1	.10000	.11315	.013	13.1	.00100	.000	1
S2	37.500	39.002	1.50	4.00	.33105	.001	1
S3	75.000	76.612	1.61	2.15	.65032	.007	1
S4	150.00	147.92	-2.08	-1.39	1.2558	.006	1
S5	300.00	287.96	-12.0	-4.01	2.4451	.016	1
S6	800.00	811.01	11.0	1.38	6.8787	.024	1

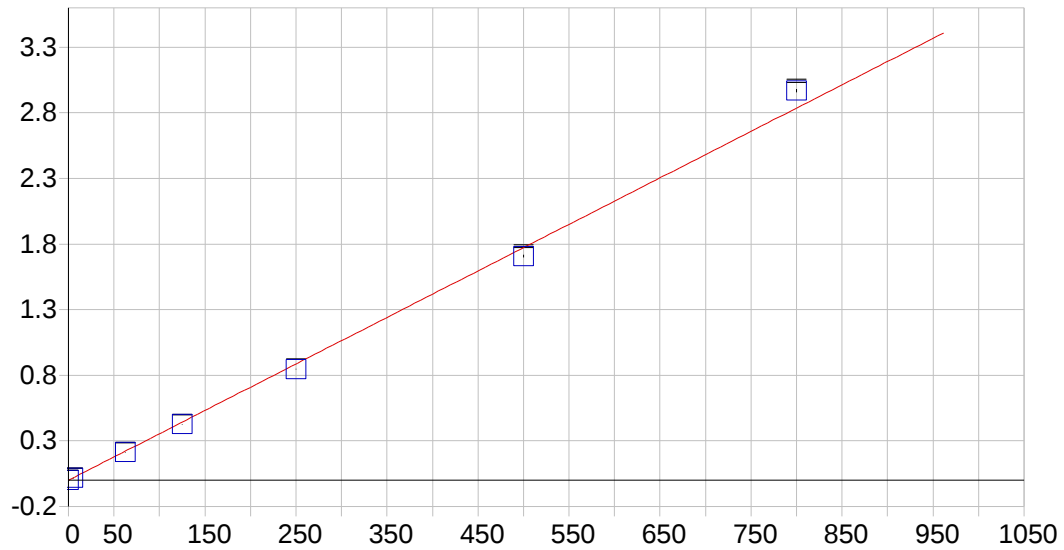


Mn 257.610 {131}

Date of Fit: 6/18/2018 17:44:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000087 Re-Slope: 1.000000
 A1 (Gain): 0.096554 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999765 Status: OK.
 Std Error of Est: 0.000075
 Predicted MDL: 0.001149
 Predicted MQL: 0.003831

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00009	.000	1
S1	.01500	.01771	.003	18.1	.00162	.000	1
S2	3.7500	3.9513	.201	5.37	.38151	.001	1
S3	7.5000	7.7581	.258	3.44	.74915	.008	1
S4	15.000	14.971	-.029	-.191	1.4458	.007	1
S5	30.000	29.566	-.434	-1.45	2.8553	.022	1

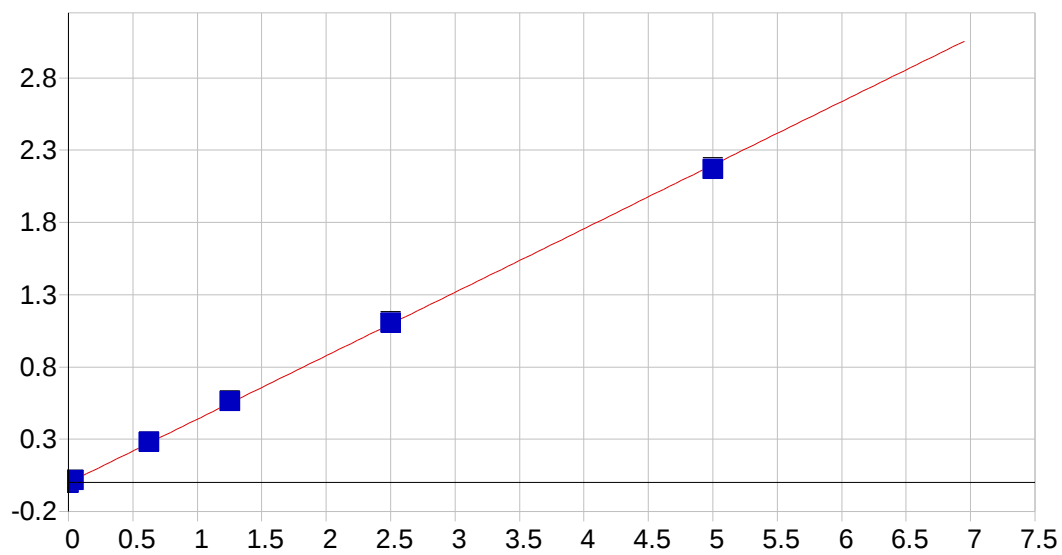


Mg 279.079 {121}

Date of Fit: 6/18/2018 17:44:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000193 Re-Slope: 1.000000
 A1 (Gain): 0.003545 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999055 Status: OK.
 Std Error of Est: 0.000538
 Predicted MDL: 0.042697
 Predicted MQL: 0.142323

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00076	.001	.000	-.00019	.000	1
S1	5.0000	4.8327	-.167	-3.35	.01694	.000	1
S2	62.500	59.813	-2.69	-4.30	.21186	.001	1
S3	125.00	120.01	-4.99	-3.99	.42525	.004	1
S4	250.00	238.60	-11.4	-4.56	.84568	.002	1
S5	500.00	481.56	-18.4	-3.69	1.7070	.011	1
S6	800.00	837.69	37.7	4.71	2.9696	.011	1

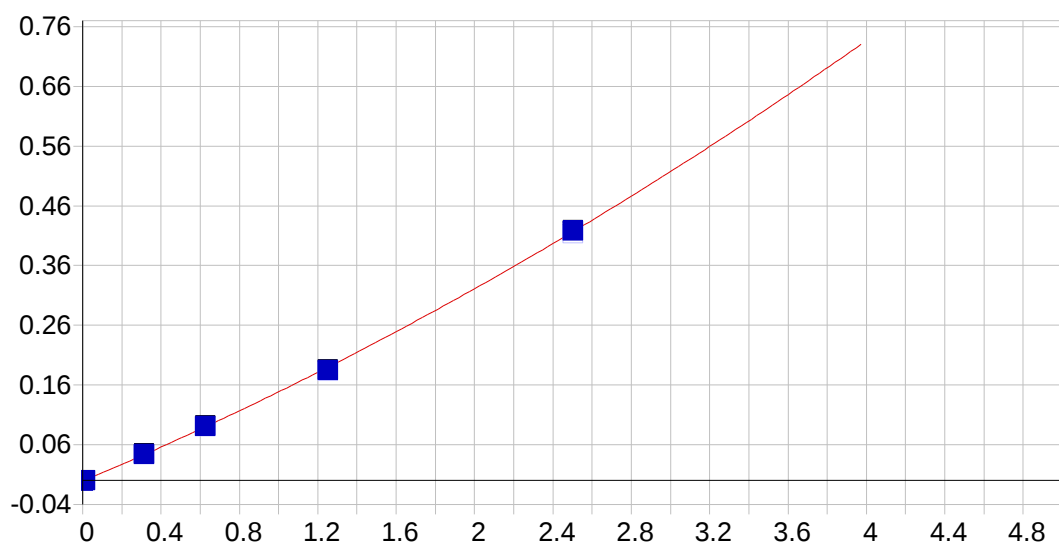


Ni 231.604 {446}

Date of Fit: 6/18/2018 17:44:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000898 Re-Slope: 1.000000
 A1 (Gain): 0.439415 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999876 Status: OK.
 Std Error of Est: 0.000164
 Predicted MDL: 0.000415
 Predicted MQL: 0.001383

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00090	.000	1
S1	.04000	.04212	.002	5.29	.01762	.000	1
S2	.62500	.64154	.017	2.65	.28157	.002	1
S3	1.2500	1.2815	.032	2.52	.56336	.002	1
S4	2.5000	2.5163	.016	.652	1.1071	.007	1
S5	5.0000	4.9335	-.066	-1.33	2.1715	.009	1

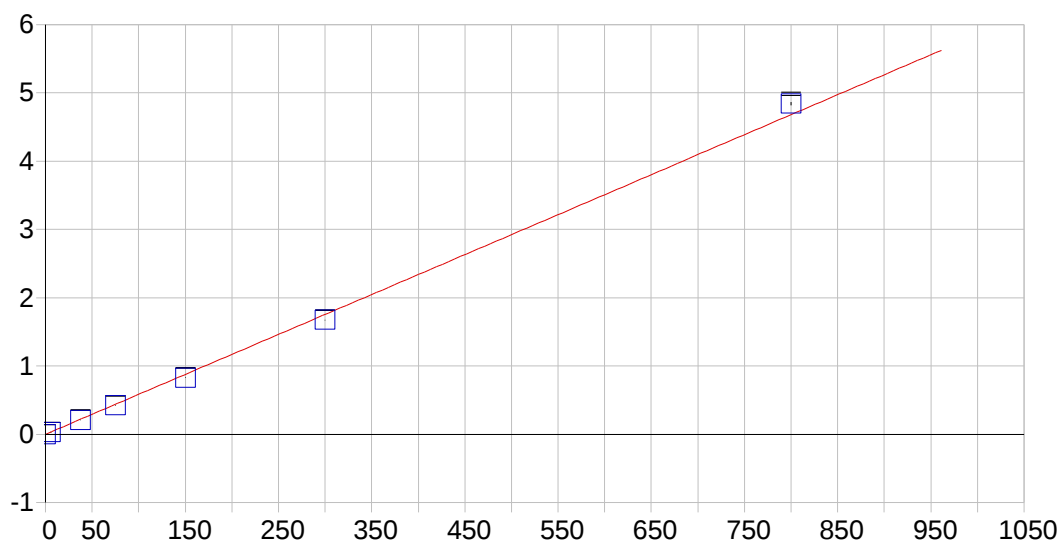


Ag 328.068 {103}

Date of Fit: 6/18/2018 17:44:56 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	-0.000761	Re-Slope: 1.000000
A1 (Gain):	0.137636	Y-int: 0.000000
A2 (Curvature):	0.011680	
n (Exponent):	1.000000	
Correlation:	0.999884	Status: Warning Positive Curvature
Std Error of Est:	0.000023	
Predicted MDL:	0.000490	
Predicted MQL:	0.001634	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00076	.000	1
S1	.01000	.01071	.001	7.15	.00070	.000	1
S2	.31250	.32070	.008	2.62	.04403	.000	1
S3	.62500	.63487	.010	1.58	.09023	.001	1
S4	1.2500	1.2228	-.027	-2.18	.18279	.001	1
S5	2.5000	2.5089	.009	.355	.41366	.002	1



Na 818.326 { 41}

Date of Fit: 6/18/2018 17:44:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000276

Re-Slope: 1.000000

A1 (Gain): 0.005851

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999130

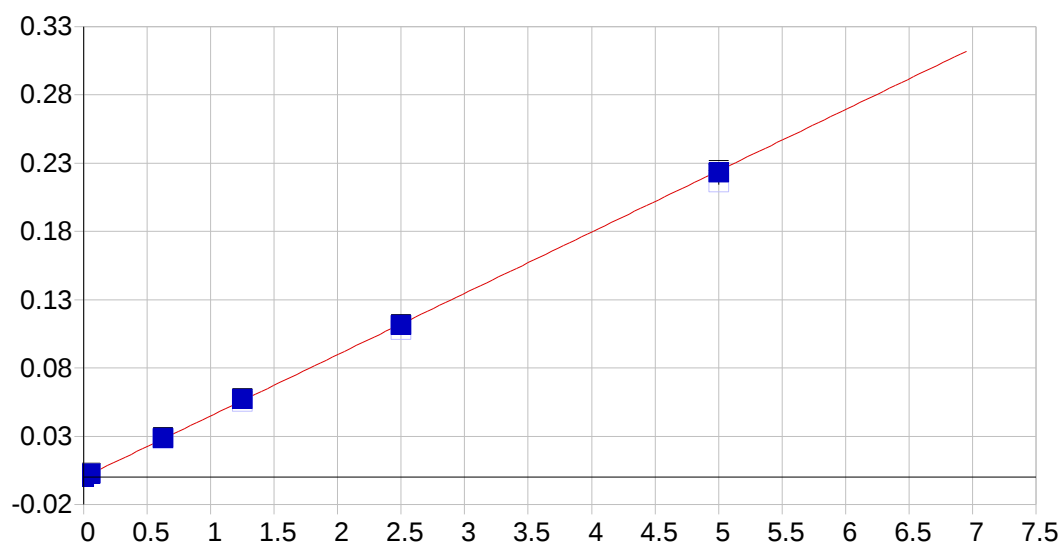
Status: OK.

Std Error of Est: 0.000755

Predicted MDL: 0.186891

Predicted MQL: 0.622971

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00097	.001	.000	-.00027	.001	1
S1	5.0000	4.8348	-.165	-3.30	.02801	.001	1
S2	37.500	35.737	-1.76	-4.70	.20882	.001	1
S3	75.000	71.782	-3.22	-4.29	.41973	.002	1
S4	150.00	141.07	-8.93	-5.95	.82512	.004	1
S5	300.00	286.10	-13.9	-4.63	1.6737	.002	1
S6	800.00	827.98	28.0	3.50	4.8443	.022	1

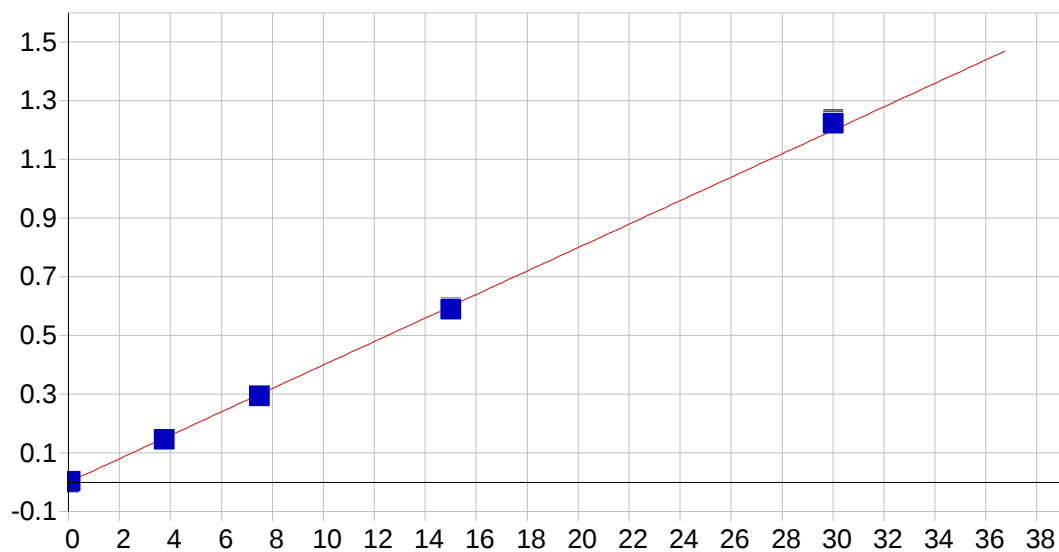


V 292.402 {115}

Date of Fit: 6/18/2018 17:44:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000000 Re-Slope: 1.000000
 A1 (Gain): 0.044882 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999881 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.004094
 Predicted MQL: 0.013646

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00000	.000	1
S1	.05000	.05750	.007	15.0	.00258	.000	1
S2	.62500	.63917	.014	2.27	.02776	.000	1
S3	1.2500	1.2722	.022	1.78	.05525	.000	1
S4	2.5000	2.4826	-.017	-.696	.10773	.001	1
S5	5.0000	4.9733	-.027	-.535	.21581	.001	1

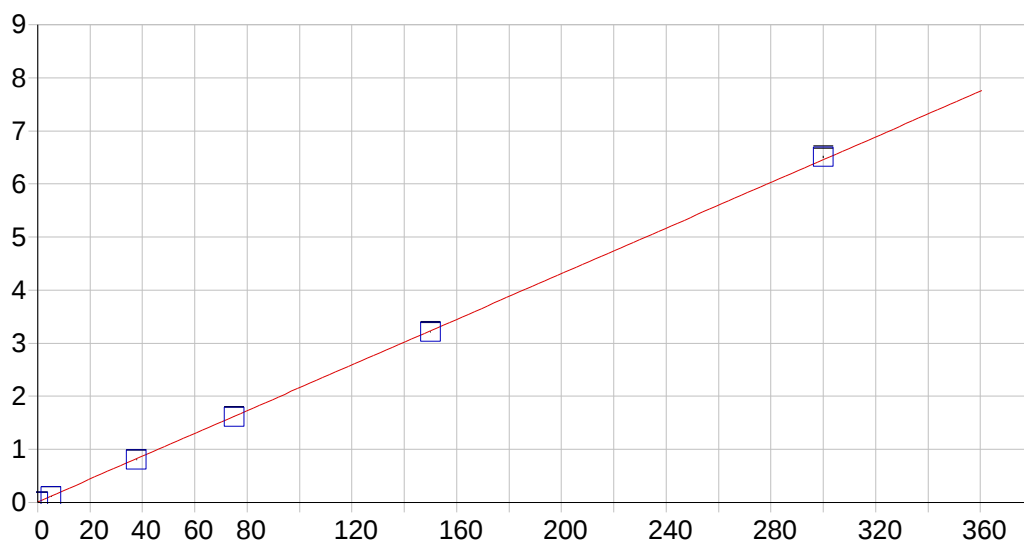


Zn 213.856 {158}

Date of Fit: 6/18/2018 17:44:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000519 Re-Slope: 1.000000
 A1 (Gain): 0.040003 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999794 Status: OK.
 Std Error of Est: 0.000058
 Predicted MDL: 0.008684
 Predicted MQL: 0.028945

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00052	.000	1
S1	.06000	.06301	.003	5.02	.00201	.000	1
S2	3.7500	3.6163	-.134	-3.56	.14485	.001	1
S3	7.5000	7.3409	-.159	-2.12	.29455	.001	1
S4	15.000	14.733	-.267	-1.78	.59165	.003	1
S5	30.000	30.557	.557	1.86	1.2275	.008	1

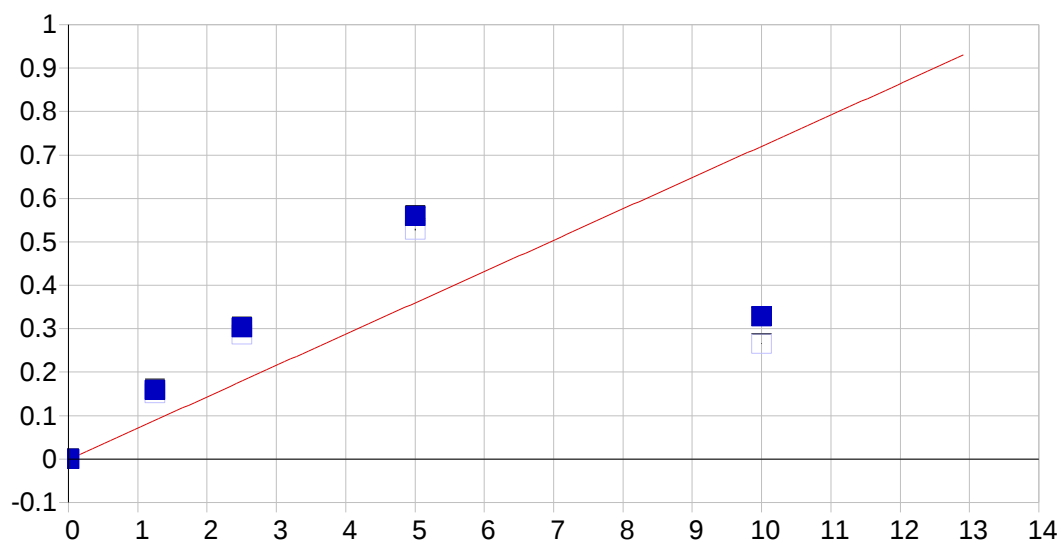


K 769.896 { 44}

Date of Fit: 6/18/2018 17:44:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.013093	Re-Slope: 1.000000
A1 (Gain):	0.021482	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999962	Status: OK.
Std Error of Est:	0.000385	
Predicted MDL:	0.046086	
Predicted MQL:	0.153619	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00027	.000	.000	.01310	.000	1
S1	5.0000	4.8341	-.166	-3.32	.11694	.001	1
S2	37.500	36.950	-.550	-1.47	.80685	.003	1
S3	75.000	74.592	-.408	-.544	1.6155	.007	1
S4	150.00	148.81	-1.19	-.790	3.2099	.011	1
S5	300.00	302.31	2.31	.770	6.5073	.019	1

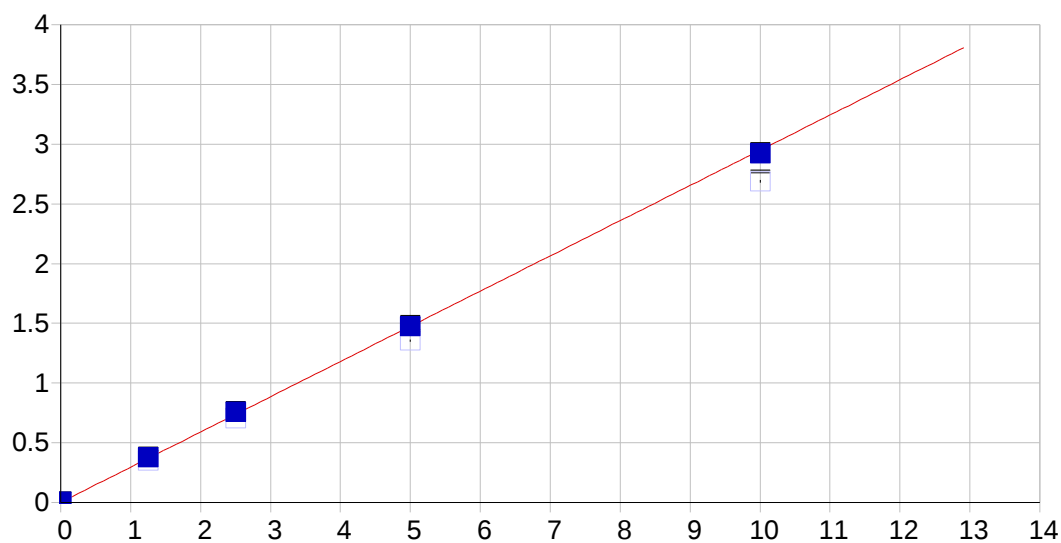


P 177.495 {490}

Date of Fit: 6/18/2018 17:44:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000852 Re-Slope: 1.000000
 A1 (Gain): 0.072089 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.842133 Status: OK.
 Std Error of Est: 0.000707
 Predicted MDL: 0.000983
 Predicted MQL: 0.003277

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00085	.000	1
S1	.01000	.00489	-.005	-51.1	-.00055	.000	1
S2	1.2500	2.2234	.973	77.9	.15166	.001	1
S3	2.5000	4.2086	1.71	68.3	.28700	.002	1
S4	5.0000	7.7669	2.77	55.3	.52796	.002	1
S5	10.000	4.5562	-5.44	-54.4	.26543	.001	1

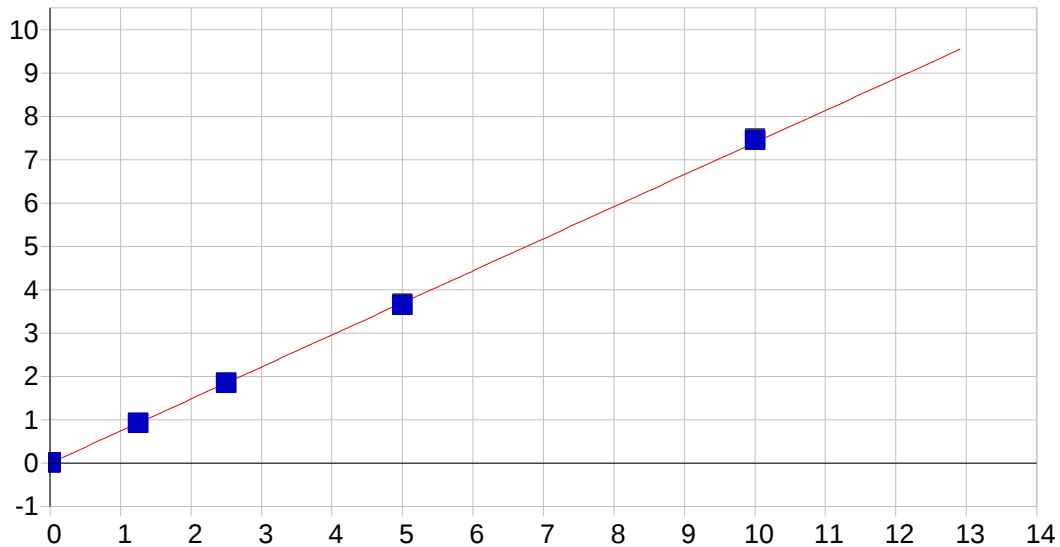


B 249.678 {135}

Date of Fit: 6/18/2018 17:44:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000976 Re-Slope: 1.000000
 A1 (Gain): 0.294819 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999881 Status: OK.
 Std Error of Est: 0.000070
 Predicted MDL: 0.001003
 Predicted MQL: 0.003342

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00098	.000	1
S1	.01000	.00939	-.001	-6.12	.00368	.000	1
S2	1.2500	1.2818	.032	2.54	.34968	.002	1
S3	2.5000	2.5716	.072	2.86	.70075	.005	1
S4	5.0000	4.9914	-.009	-.173	1.3558	.009	1
S5	10.000	9.9060	-.094	-.940	2.6879	.011	1

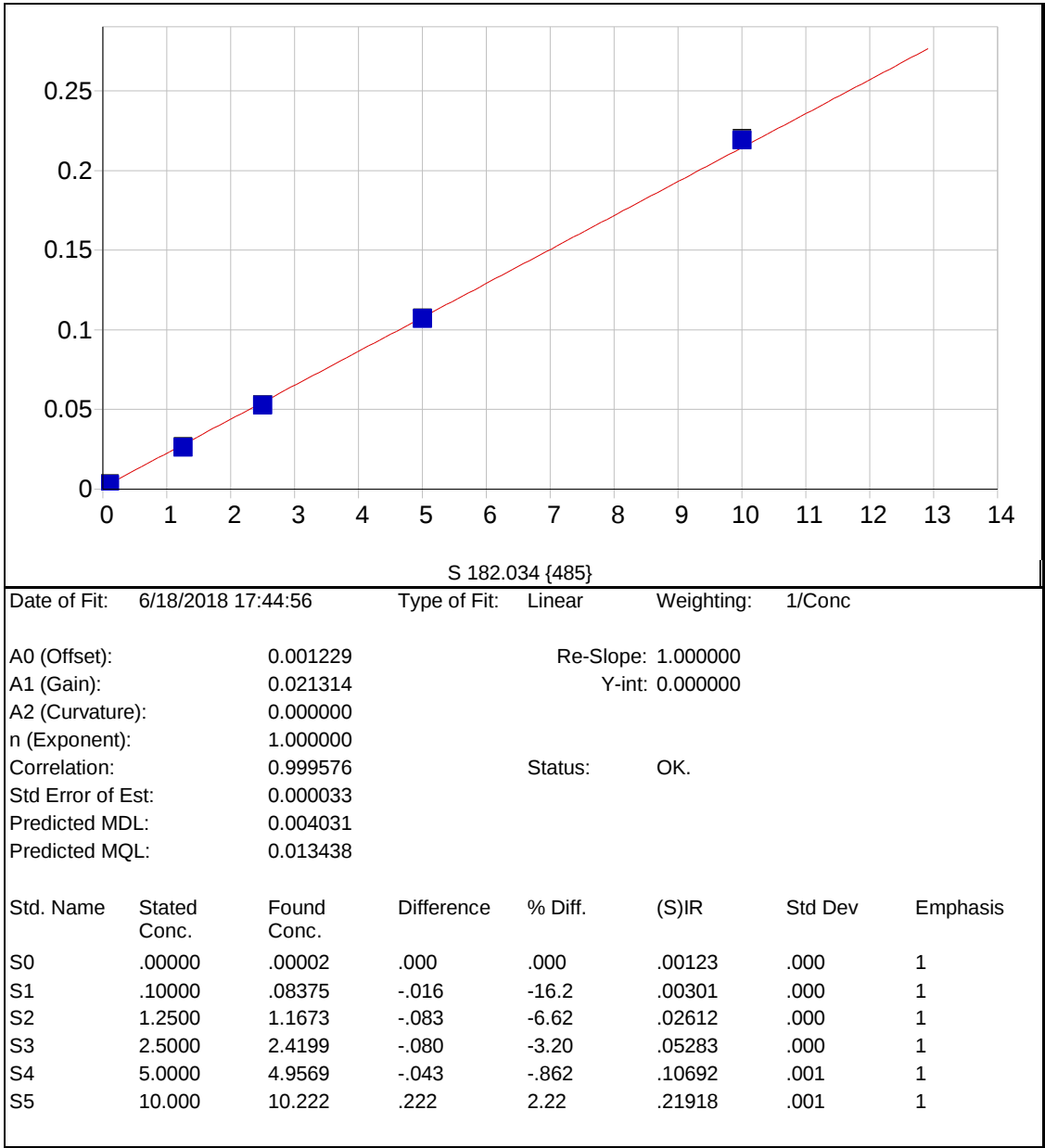


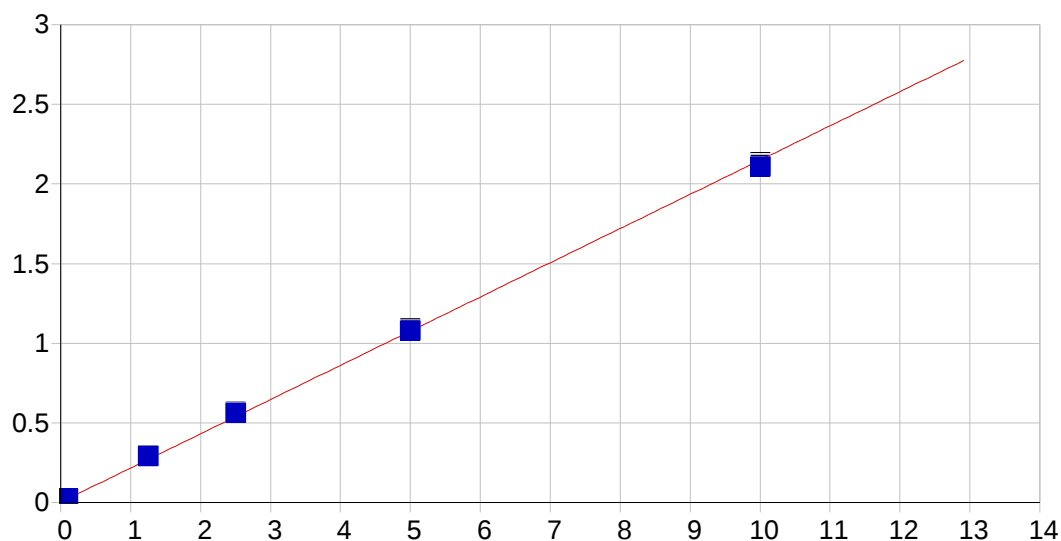
Mo 202.030 {467}

Date of Fit: 6/18/2018 17:44:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000192 Re-Slope: 1.000000
 A1 (Gain): 0.739261 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999956 Status: OK.
 Std Error of Est: 0.000117
 Predicted MDL: 0.000276
 Predicted MQL: 0.000919

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00019	.000	1
S1	.01000	.01017	.000	1.67	.00771	.000	1
S2	1.2500	1.2427	-.007	-.582	.91885	.006	1
S3	2.5000	2.4973	-.003	-.107	1.8463	.005	1
S4	5.0000	4.9299	-.070	-1.40	3.6445	.019	1
S5	10.000	10.080	.080	.798	7.4515	.026	1



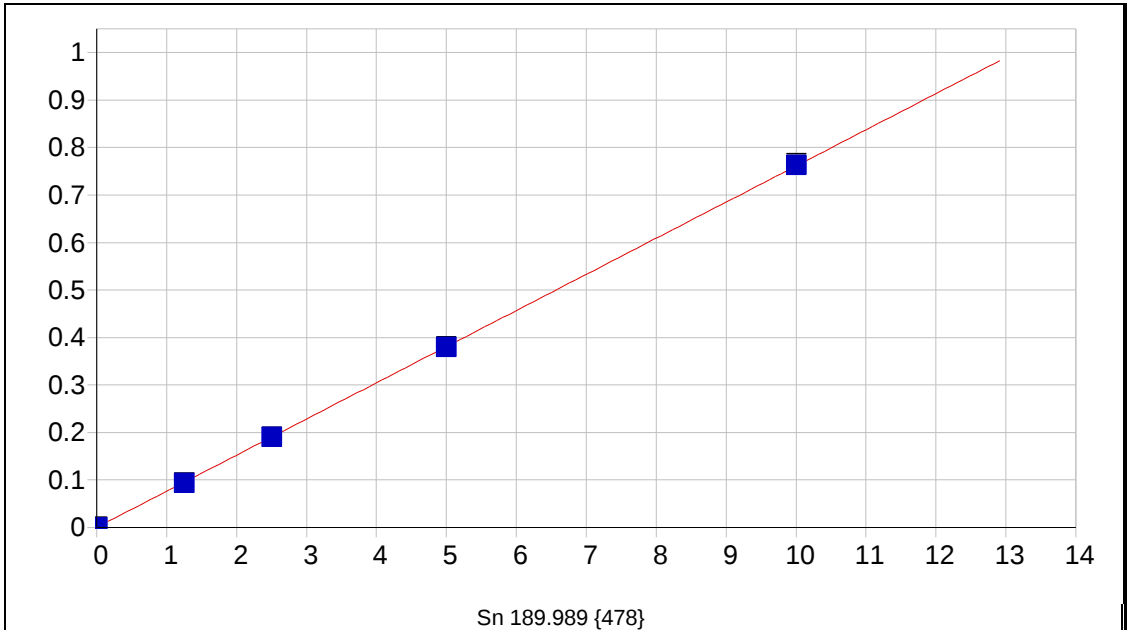


Si 251.611 {134}

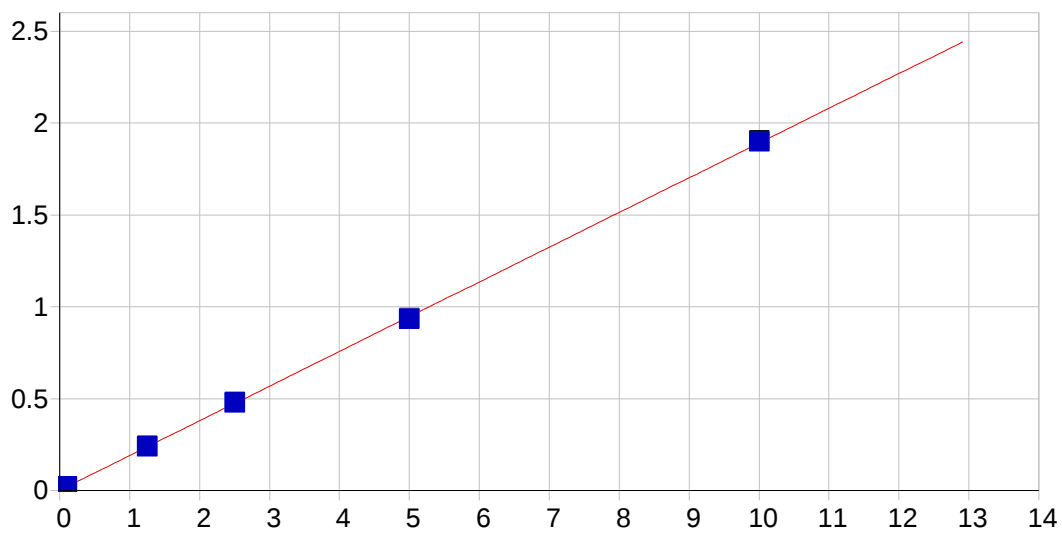
Date of Fit: 6/18/2018 17:44:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001914 Re-Slope: 1.000000
 A1 (Gain): 0.214795 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999616 Status: OK.
 Std Error of Est: 0.000319
 Predicted MDL: 0.001238
 Predicted MQL: 0.004126

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00191	.000	1
S1	.10000	.09690	-.003	-3.10	.02280	.000	1
S2	1.2500	1.3419	.092	7.35	.29234	.001	1
S3	2.5000	2.6019	.102	4.07	.56518	.004	1
S4	5.0000	5.0026	.003	.052	1.0853	.008	1
S5	10.000	9.8067	-.193	-1.93	2.1260	.010	1



Date of Fit: 6/18/2018 17:44:56		Type of Fit: Linear		Weighting: 1/Conc			
A0 (Offset): 0.000115		Re-Slope: 1.000000					
A1 (Gain): 0.076121		Y-int: 0.000000					
A2 (Curvature): 0.000000							
n (Exponent): 1.000000							
Correlation: 0.999985		Status: OK.					
Std Error of Est: 0.000006							
Predicted MDL: 0.001101							
Predicted MQL: 0.003669							
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00012	.000	1
S1	.00700	.00601	-.001	-14.1	.00055	.000	1
S2	1.2500	1.2325	-.018	-1.40	.09372	.001	1
S3	2.5000	2.5020	.002	.079	.19015	.000	1
S4	5.0000	4.9836	-.016	-.327	.37863	.002	1
S5	10.000	10.033	.033	.329	.76215	.003	1

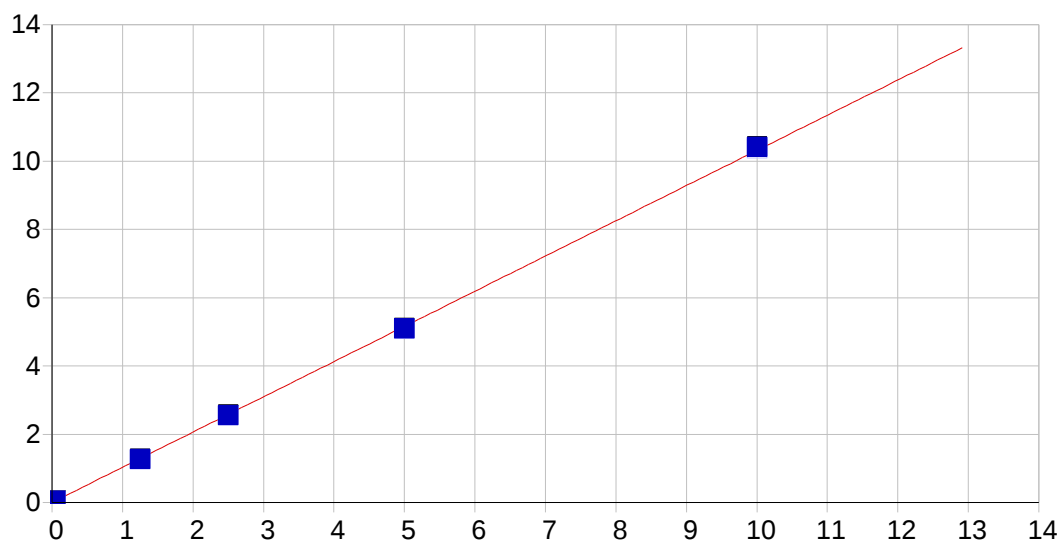


Ti 336.121 {100}

Date of Fit: 6/18/2018 17:44:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001172 Re-Slope: 1.000000
 A1 (Gain): 0.188966 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968 Status: OK.
 Std Error of Est: 0.000081
 Predicted MDL: 0.001411
 Predicted MQL: 0.004702

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00117	.000	1
S1	.10000	.09880	-.001	-1.20	.01984	.000	1
S2	1.2500	1.2600	.010	.803	.23919	.002	1
S3	2.5000	2.5181	.018	.723	.47683	.004	1
S4	5.0000	4.9348	-.065	-1.30	.93333	.004	1
S5	10.000	10.038	.038	.383	1.8974	.005	1



Li 670.784 { 50}

Date of Fit: 6/18/2018 17:44:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001759

Re-Slope: 1.000000

A1 (Gain): 1.031460

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999941

Status: OK.

Std Error of Est: 0.000417

Predicted MDL: 0.001104

Predicted MQL: 0.003681

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00176	.001	1
S5	10.000	10.098	.098	.984	10.360	.020	1
S4	5.0000	4.9457	-.054	-1.09	5.0741	.011	1
S3	2.5000	2.4800	-.020	-.800	2.5453	.009	1
S2	1.2500	1.2279	-.022	-1.77	1.2610	.003	1
S1	.05000	.04801	-.002	-3.97	.05118	.001	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
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A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000



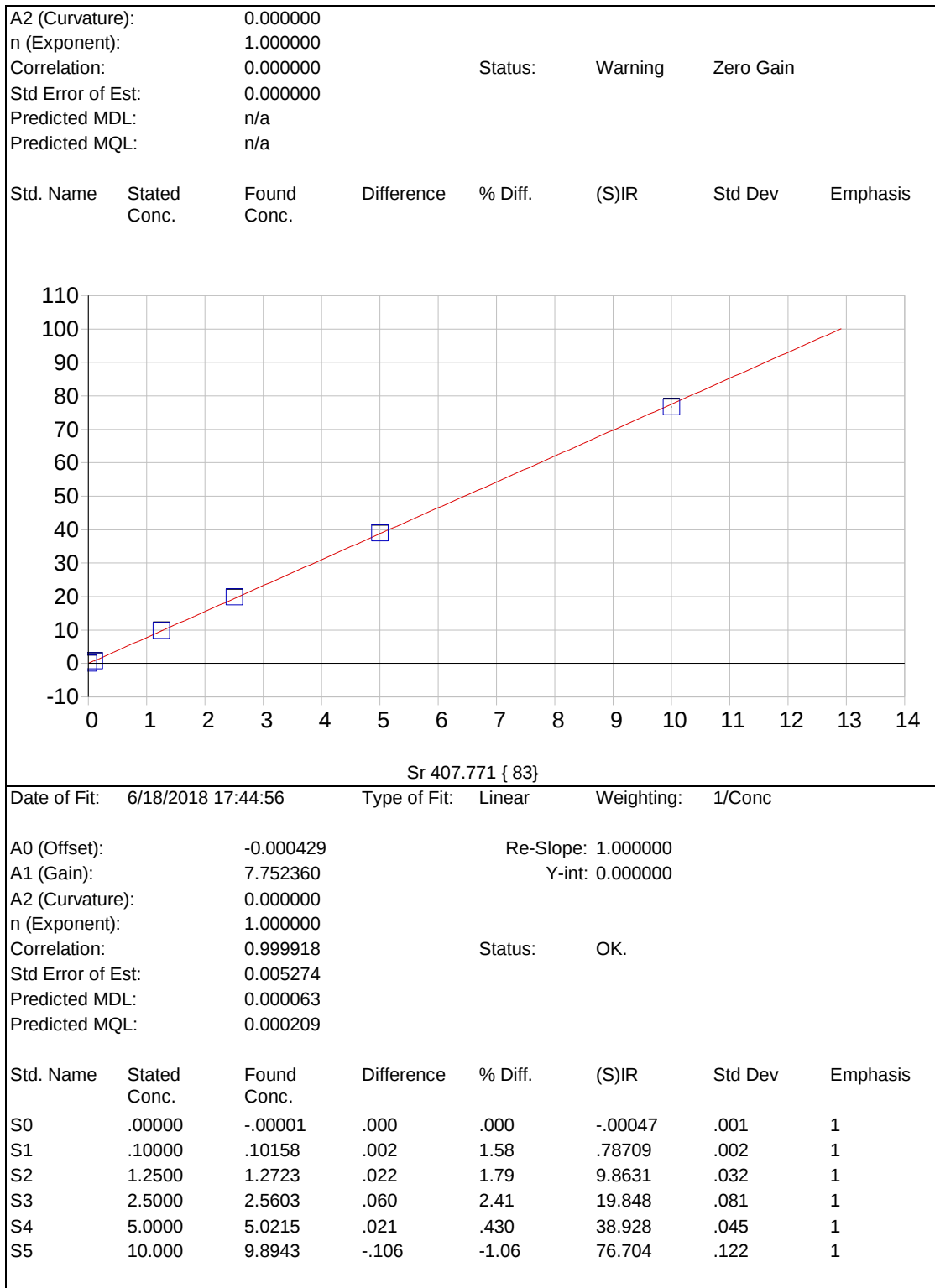


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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



Sample Name: S0 Acquired: 6/18/2018 14:45:50 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) 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	-.00018	-.00014	-.00002	.00023	.00041	.00052	-.02746	-.00102
Stddev	.00013	.00004	.00003	.00021	.00032	.00032	.00145	.00002
%RSD	72.804	26.521	183.50	91.300	77.606	62.192	5.2718	1.8661

#1	-.00011	-.00010	.00002	.00003	.00076	.00089	-.02586	-.00100
#2	-.00009	-.00017	-.00002	.00044	.00013	.00032	-.02785	-.00102
#3	-.00033	-.00014	-.00004	.00022	.00034	.00035	-.02867	-.00104

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	.00035	.00067	.00002	-.00006	.00028	.00003	-.00009	-.00019
Stddev	.00011	.00033	.00002	.00006	.00026	.00001	.00010	.00009
%RSD	31.166	48.996	82.045	114.39	93.287	25.103	116.67	47.905

#1	.00044	.00036	.00000	.00002	.00001	.00003	-.00012	-.00030
#2	.00038	.00101	.00004	-.00010	.00054	.00002	.00003	-.00015
#3	.00023	.00064	.00002	-.00009	.00031	.00004	-.00017	-.00013

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	-.00090	-.00076	-.00027	.00000	-.00052	.01310	-.00085	.00098
Stddev	.00008	.00007	.00052	.00011	.00011	.00029	.00001	.00004
%RSD	9.2684	8.8726	193.81	628060.	21.837	2.1851	.90567	3.8282

#1	-.00083	-.00080	.00009	.00012	-.00039	.01343	-.00086	.00095
#2	-.00099	-.00081	-.00087	-.00009	-.00058	.01289	-.00085	.00102
#3	-.00088	-.00068	-.00003	-.00004	-.00059	.01298	-.00085	.00096

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	.00019	.00123	.00191	.00012	.00117	.00176	-.00047	
Stddev	.00032	.00009	.00016	.00010	.00019	.00055	.00055	
%RSD	164.64	7.2216	8.3212	89.680	16.563	31.042	118.44	

#1	.00043	.00132	.00175	.00023	.00105	.00114	-.00091	
#2	.00032	.00115	.00206	.00004	.00107	.00214	.00015	
#3	-.00017	.00122	.00193	.00008	.00140	.00201	-.00064	

Sample Name: S0 Acquired: 6/18/2018 14:45:50 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) 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	2367.4	2471.0	67028.	8742.4	4215.9
Stddev	46.6	14.4	1581.	10.6	17.3
%RSD	1.9671	.58340	2.3580	.12127	.41002
#1	2344.8	2466.2	66028.	8742.8	4210.5
#2	2336.4	2459.6	66205.	8752.8	4201.9
#3	2421.0	2487.2	68850.	8731.6	4235.2

Sample Name: S1 Acquired: 6/18/2018 14:50:01 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) 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	.00012	.00078	.00114	.00207	.00952	.01265	.56402	.01721
Stddev	.00004	.00005	.00008	.00028	.00012	.00025	.00336	.00051
%RSD	29.946	6.0139	7.2460	13.577	1.3108	1.9755	.59501	2.9493

#1	.00008	.00079	.00116	.00174	.00966	.01272	.56441	.01772
#2	.00014	.00083	.00121	.00220	.00942	.01285	.56717	.01671
#3	.00013	.00073	.00105	.00226	.00948	.01237	.56049	.01720

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	.00989	.11047	.00117	.02852	.00294	.00100	.00162	.01694
Stddev	.00009	.00059	.00007	.00022	.00010	.00014	.00015	.00027
%RSD	.91869	.53396	6.2916	.77678	3.2525	14.203	9.0045	1.5809

#1	.00979	.11111	.00109	.02851	.00304	.00093	.00149	.01700
#2	.00994	.11035	.00124	.02874	.00285	.00091	.00178	.01665
#3	.00996	.10995	.00117	.02830	.00292	.00117	.00160	.01718

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	.01762	.00070	.02801	.00258	.00201	.11694	-.00055	.00368
Stddev	.00004	.00006	.00131	.00025	.00021	.00141	.00005	.00014
%RSD	.20675	8.8960	4.6881	9.5700	10.275	1.2021	10.046	3.9334

#1	.01758	.00064	.02784	.00234	.00183	.11856	-.00060	.00379
#2	.01763	.00077	.02940	.00283	.00224	.11605	-.00055	.00352
#3	.01765	.00071	.02679	.00257	.00196	.11621	-.00049	.00374

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	.00771	.00301	.02280	.00055	.01984	.05118	.78709	
Stddev	.00013	.00008	.00038	.00004	.00011	.00149	.00245	
%RSD	1.6814	2.6177	1.6661	6.9754	.57835	2.9042	.31112	

#1	.00775	.00309	.02283	.00054	.01996	.05159	.78853	
#2	.00781	.00293	.02241	.00060	.01981	.05242	.78849	
#3	.00756	.00302	.02316	.00052	.01974	.04953	.78427	

Sample Name: S1 Acquired: 6/18/2018 14:50:01 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) 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	2254.9	2445.9	63580.	8810.3	4156.7
Stddev	101.4	6.4	3575.	10.3	9.7
%RSD	4.4967	.26200	5.6224	.11731	.23434
#1	2334.9	2440.2	66378.	8802.5	4147.6
#2	2140.8	2452.9	59553.	8806.3	4167.0
#3	2288.8	2444.6	64809.	8822.0	4155.7

Sample Name: S2 Acquired: 6/18/2018 14:54:11 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) 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	.03332	.04410	.73516	.06858	.18835	2.2933	7.3113	.45680
Stddev	.00025	.00027	.00395	.00072	.00112	.0071	.0252	.00150
%RSD	.74159	.60438	.53669	1.0563	.59676	.31075	.34465	.32851

#1	.03308	.04380	.73060	.06799	.18726	2.2896	7.3081	.45853
#2	.03331	.04431	.73743	.06939	.18950	2.3015	7.3379	.45581
#3	.03357	.04418	.73745	.06835	.18829	2.2888	7.2878	.45606

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	1.2058	1.3311	.42175	.35946	.37310	.33105	.38151	.21186
Stddev	.0071	.0029	.00305	.00176	.00196	.00141	.00129	.00126
%RSD	.59065	.22094	.72362	.49063	.52402	.42735	.33802	.59312

#1	1.1975	1.3285	.42334	.35744	.37248	.33091	.38100	.21091
#2	1.2097	1.3342	.41823	.36063	.37529	.33253	.38298	.21328
#3	1.2100	1.3305	.42367	.36033	.37154	.32971	.38055	.21138

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	.28157	.04403	.20882	.02776	.14485	.80685	.15166	.34968
Stddev	.00223	.00038	.00087	.00017	.00094	.00349	.00138	.00196
%RSD	.79105	.85523	.41432	.60294	.65138	.43253	.91044	.56105

#1	.27902	.04419	.20966	.02769	.14380	.80532	.15008	.35181
#2	.28313	.04360	.20888	.02795	.14513	.81084	.15231	.34795
#3	.28256	.04430	.20793	.02764	.14562	.80438	.15260	.34926

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	.91885	.02612	.29234	.09372	.23919	1.2610	9.8631	
Stddev	.00644	.00033	.00078	.00080	.00194	.0027	.0321	
%RSD	.70073	1.2671	.26786	.85820	.81247	.21290	.32553	

#1	.91232	.02578	.29237	.09283	.23787	1.2599	9.8600	
#2	.92520	.02644	.29155	.09393	.24142	1.2641	9.8966	
#3	.91904	.02614	.29311	.09440	.23828	1.2591	9.8326	

Sample Name: S2 Acquired: 6/18/2018 14:54:11 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) 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	2214.2	2330.2	63245.	8637.7	3781.5
Stddev	15.2	12.4	302.	38.9	17.8
%RSD	.68702	.53363	.47762	.45029	.47136
#1	2197.2	2341.8	63065.	8601.2	3801.9
#2	2226.5	2317.1	63593.	8633.2	3769.4
#3	2219.0	2331.7	63076.	8678.6	3773.1

Sample Name: S3 Acquired: 6/18/2018 14:58:06 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) 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	.06788	.08727	1.4735	.13732	.37924	4.6131	14.803	.90301
Stddev	.00037	.00036	.0049	.00028	.00015	.0250	.033	.00733
%RSD	.54234	.40724	.33555	.20418	.03845	.54265	.22616	.81159

#1	.06828	.08710	1.4715	.13750	.37914	4.6141	14.803	.90282
#2	.06756	.08703	1.4699	.13699	.37917	4.6375	14.837	.91044
#3	.06780	.08767	1.4792	.13746	.37941	4.5875	14.770	.89578

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	2.4125	2.6476	.83033	.72639	.74242	.65032	.74915	.42525
Stddev	.0080	.0203	.00462	.00296	.00441	.00677	.00845	.00353
%RSD	.32947	.76727	.55611	.40802	.59361	1.0411	1.1280	.83107

#1	2.4114	2.6498	.82769	.72634	.74500	.65256	.74893	.42528
#2	2.4051	2.6667	.82764	.72346	.74492	.65569	.75771	.42878
#3	2.4209	2.6263	.83566	.72938	.73733	.64271	.74082	.42171

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	.56336	.09023	.41973	.05525	.29455	1.6155	.28700	.70075
Stddev	.00221	.00051	.00201	.00046	.00082	.0067	.00170	.00471
%RSD	.39145	.56456	.47880	.83548	.27686	.41339	.59257	.67178

#1	.56302	.09006	.41924	.05537	.29457	1.6175	.28823	.69862
#2	.56134	.08982	.42193	.05564	.29535	1.6209	.28506	.70614
#3	.56571	.09080	.41800	.05474	.29372	1.6080	.28771	.69747

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	1.8463	.05283	.56518	.19015	.47683	2.5453	19.848	
Stddev	.0055	.00030	.00386	.00030	.00356	.0095	.081	
%RSD	.29614	.56627	.68382	.15812	.74583	.37297	.40937	

#1	1.8482	.05308	.56585	.18994	.47786	2.5421	19.859	
#2	1.8401	.05250	.56866	.19001	.47975	2.5560	19.923	
#3	1.8505	.05291	.56102	.19049	.47287	2.5378	19.762	

Sample Name: S3 Acquired: 6/18/2018 14:58:06 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) 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	2111.6	2231.5	61379.	8475.4	3553.3
Stddev	5.3	6.6	364.	69.7	9.8
%RSD	.25209	.29375	.59346	.82200	.27621
#1	2114.4	2225.6	61409.	8456.2	3547.3
#2	2114.9	2238.6	61728.	8417.3	3564.7
#3	2105.4	2230.4	61001.	8552.6	3548.1

Sample Name: S4 Acquired: 6/18/2018 15:01:59 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) 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	.13641	.16755	2.9099	.27272	.76542	9.2385	29.267	1.7483
Stddev	.00078	.00050	.0173	.00223	.00443	.0281	.073	.0147
%RSD	.57352	.29588	.59451	.81732	.57939	.30463	.24962	.84378

#1	.13633	.16772	2.9039	.27187	.76425	9.2114	29.221	1.7455
#2	.13568	.16700	2.8964	.27104	.76169	9.2366	29.229	1.7352
#3	.13723	.16795	2.9294	.27525	.77033	9.2676	29.351	1.7643

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.7160	5.1997	1.5961	1.4320	1.4627	1.2558	1.4458	.84568
Stddev	.0319	.0324	.0077	.0095	.0053	.0058	.0066	.00232
%RSD	.67669	.62385	.48228	.66071	.35884	.46267	.45469	.27475

#1	4.7065	5.1738	1.5872	1.4286	1.4634	1.2504	1.4398	.84403
#2	4.6899	5.1892	1.6006	1.4247	1.4572	1.2551	1.4447	.84467
#3	4.7516	5.2360	1.6004	1.4427	1.4676	1.2619	1.4528	.84833

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.1071	.18279	.82512	.10773	.59165	3.2099	.52796	1.3558
Stddev	.0068	.00054	.00413	.00051	.00269	.0115	.00175	.0094
%RSD	.61138	.29621	.50021	.47435	.45446	.35703	.33119	.68981

#1	1.1044	.18237	.82245	.10777	.58856	3.1992	.52829	1.3503
#2	1.1020	.18261	.82303	.10719	.59286	3.2086	.52608	1.3504
#3	1.1147	.18340	.82987	.10821	.59351	3.2220	.52953	1.3666

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	3.6445	.10692	1.0853	.37863	.93333	5.0741	38.928	
Stddev	.0192	.00051	.0077	.00164	.00378	.0112	.045	
%RSD	.52769	.47638	.71363	.43417	.40463	.22009	.11547	

#1	3.6373	.10692	1.0803	.37893	.93045	5.0621	38.890	
#2	3.6300	.10641	1.0813	.37686	.93194	5.0759	38.917	
#3	3.6663	.10743	1.0942	.38011	.93760	5.0842	38.978	

Sample Name: S4 Acquired: 6/18/2018 15:01:59 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) 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	2022.5	2114.7	59763.	8386.5	3326.1
Stddev	7.6	10.5	152.	49.0	16.4
%RSD	.37545	.49736	.25454	.58436	.49438
#1	2029.0	2117.1	59938.	8409.0	3327.8
#2	2024.2	2123.7	59688.	8420.2	3341.6
#3	2014.2	2103.1	59663.	8330.3	3308.9

Sample Name: S5 Acquired: 6/18/2018 15:05:50 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) 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	.28430	.32236	5.7747	.55895	1.5955	18.840	57.584	3.4458
Stddev	.00098	.00123	.0223	.00129	.0054	.044	.458	.0216
%RSD	.34483	.38040	.38630	.23021	.33778	.23588	.79521	.62579

#1	.28388	.32203	5.7675	.55784	1.5904	18.891	58.062	3.4684
#2	.28361	.32134	5.7568	.55864	1.5951	18.822	57.149	3.4436
#3	.28542	.32372	5.7997	.56036	1.6011	18.808	57.541	3.4254

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	9.2502	10.402	3.1077	2.8464	2.9591	2.4451	2.8553	1.7070
Stddev	.0333	.053	.0141	.0105	.0098	.0165	.0217	.0108
%RSD	.35977	.51008	.45201	.36925	.33254	.67410	.76082	.63133

#1	9.2366	10.457	3.1165	2.8435	2.9705	2.4617	2.8742	1.7181
#2	9.2259	10.351	3.1152	2.8376	2.9535	2.4287	2.8316	1.6965
#3	9.2881	10.399	3.0915	2.8580	2.9533	2.4449	2.8602	1.7065

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.1715	.41366	1.6737	.21581	1.2275	6.5073	.26543	2.6879
Stddev	.0088	.00153	.0022	.00148	.0081	.0193	.00091	.0106
%RSD	.40678	.36974	.13313	.68456	.65723	.29642	.34139	.39539

#1	2.1680	.41299	1.6763	.21751	1.2336	6.5294	.26608	2.6973
#2	2.1649	.41541	1.6727	.21481	1.2184	6.4939	.26439	2.6900
#3	2.1815	.41259	1.6722	.21512	1.2305	6.4986	.26580	2.6764

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	7.4515	.21918	2.1260	.76215	1.8974	10.360	76.704	
Stddev	.0259	.00069	.0101	.00320	.0049	.020	.122	
%RSD	.34699	.31393	.47348	.41972	.25911	.19669	.15915	

#1	7.4407	.21965	2.1354	.76258	1.9028	10.364	76.822	
#2	7.4328	.21839	2.1271	.75875	1.8960	10.378	76.578	
#3	7.4810	.21949	2.1154	.76510	1.8933	10.338	76.711	

Sample Name: S5 Acquired: 6/18/2018 15:05:50 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) 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	1873.1	1919.3	57127.	8135.8	3039.4
Stddev	10.0	5.3	257.	51.6	8.9
%RSD	.53186	.27587	.45001	.63427	.29394
#1	1863.7	1921.5	56999.	8079.6	3039.7
#2	1872.1	1923.3	56959.	8146.8	3048.2
#3	1883.5	1913.3	57423.	8181.0	3030.4

Sample Name: S6 Acquired: 6/18/2018 15:09:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) 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	52.205	18.047	6.8787	2.9696	4.8443
Stddev	.383	.058	.0242	.0113	.0223
%RSD	.73442	.32023	.35240	.38192	.46098

#1	51.897	18.112	6.9065	2.9826	4.8693
#2	52.084	18.002	6.8615	2.9619	4.8264
#3	52.635	18.028	6.8683	2.9643	4.8371

Int. Std.	Y_3710
Units	Cts/S
Avg	7920.0
Stddev	19.2
%RSD	.24207

#1	7913.7
#2	7904.8
#3	7941.5

Sample Name: ICV Acquired: 6/18/2018 15:19:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) 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	.9633989	1.101349	.9619599	1.001489	.9533539	2.274540
Stddev	.0157558	.016709	.0123423	.015498	.0096285	.007567
%RSD	1.635439	1.517113	1.283035	1.547491	1.009965	.3326986

#1	.9466688	1.086167	.9504413	.986274	.9449418	2.283043
#2	.9655734	1.098627	.9604512	1.000937	.9512643	2.268544
#3	.9779545	1.119251	.9749872	1.017256	.9638557	2.272033

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5026743	.5004068	.4990764	9.974409	.5198274	.4917728
Stddev	.0026565	.0023112	.0064350	.009784	.0007400	.0070467
%RSD	.5284766	.4618746	1.289377	.0980937	.1423564	1.432926

#1	.5057408	.5021024	.4933502	9.971101	.5205786	.4855831
#2	.5010735	.4977742	.4978387	9.966707	.5198043	.4902935
#3	.5012085	.5013439	.5060404	9.985418	.5190991	.4994417

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5130822	5.253242	.5280607	5.552632	.5052148	.4726876
Stddev	.0027453	.019774	.0009137	.071197	.0069920	.0012154
%RSD	.5350587	.3764170	.1730358	1.282221	1.383958	.2571292

#1	.5136742	5.240517	.5281659	5.632681	.4986965	.4726025
#2	.5154833	5.243186	.5270989	5.528827	.5043484	.4715169
#3	.5100893	5.276023	.5289173	5.496388	.5125996	.4739433

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.553863	.5216390	.9755986	9.565753	F .0151554	F .0098518
Stddev	.207846	.0023250	.0204109	.007355	.0013855	.0004997
%RSD	2.175517	.4457179	2.092145	.0768865	9.142254	5.072427

#1	9.313887	.5215879	.9721405	9.572247	.0147089	.0093086
#2	9.670931	.5239891	.9571375	9.557767	.0167091	.0099550
#3	9.676771	.5193399	.9975176	9.567247	.0140482	.0102919

Sample Name: ICV Acquired: 6/18/2018 15:19:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) 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 .0000607	.0034627	.0043983	F -.000686	-.000904	.0017876
Stddev	.0001666	.0037834	.0003469	.001033	.000732	.0007136
%RSD	274.3776	109.2630	7.887046	150.5796	81.00785	39.92112

#1	-.000096	.0018189	.0041448	-.001527	-.001246	.0022757
#2	.000236	.0007792	.0042565	.000467	-.000063	.0009686
#3	.000042	.0077899	.0047937	-.000998	-.001403	.0021186

Elem	Sr4077
Units	ppm
Avg	.0117538
Stddev	.0000289
%RSD	.2462665

#1	.0117292
#2	.0117464
#3	.0117857

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2271.746	2359.049	64559.45	8740.910	4020.047
Stddev	7.332	20.391	169.65	19.550	39.345
%RSD	.3227629	.8643622	.2627848	.2236607	.9787251

#1	2280.213	2375.764	64700.67	8742.837	4055.253
#2	2267.543	2365.052	64606.41	8759.425	4027.313
#3	2267.483	2336.330	64371.26	8720.468	3977.575

Sample Name: ICB Acquired: 6/18/2018 15:23:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) 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	-.001573	-.001085	-.001228	-.000368	-.000034	-.005731	-.000923
Stddev	.003555	.001722	.001226	.001929	.001711	.010063	.000272
%RSD	225.9792	158.6954	99.85764	523.9397	4965.543	175.5926	29.51134

#1	-.004099	.000899	-.001631	.001759	.001834	-.017065	-.000762
#2	-.003114	-.002183	-.002202	-.002004	-.001523	.002151	-.001238
#3	.002492	-.001971	.000149	-.000859	-.000414	-.002277	-.000770

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000103	-.000012	.0114128	-.000197	-.000152	-.000680	.0187216
Stddev	.000064	.000029	.0075493	.000106	.000155	.002370	.0112923
%RSD	61.90522	246.7954	66.14836	53.97312	101.8974	348.4238	60.31716

#1	-.000169	.000021	.0094617	-.000251	-.000012	-.003035	.0093825
#2	-.000043	-.000021	.0197461	-.000074	-.000319	.001704	.0312716
#3	-.000096	-.000035	.0050305	-.000264	-.000126	-.000709	.0155107

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005086	.0066179	-.000283	-.000185	-.047022	.0007410	.0018735
Stddev	.0003660	.0329730	.000298	.000302	.104734	.0049424	.0053981
%RSD	71.96478	498.2369	105.3830	163.6665	222.7341	667.0033	288.1327

#1	.0000889	-.009348	-.000292	-.000533	-.155349	.0019598	.0020789
#2	.0007616	.044535	.000020	-.000017	.053705	-.004697	.0071660
#3	.0006754	-.015333	-.000576	-.000004	-.039422	.004960	-.003624

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041827	.0000915	.0031815	-.000153	-.004807	.0005689	-.001068
Stddev	.0123503	.0009801	.0003820	.000186	.001646	.0013477	.000538
%RSD	295.2670	1071.175	12.00763	121.5152	34.25275	236.8767	50.33154

#1	.0110705	.0012183	.0035189	-.000209	-.003744	-.000418	-.001688
#2	.0115531	-.000563	.0027667	-.000305	-.006703	.002104	-.000798
#3	-.010075	-.000381	.0032587	.000054	-.003973	.000020	-.000719

Sample Name: ICB Acquired: 6/18/2018 15:23:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) 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	-.000018	.0004607	.0000329
Stddev	.001119	.0014070	.0000587
%RSD	6115.781	305.4279	178.7096

#1	-.001292	.0013888	-.000012
#2	.000807	-.001158	.000011
#3	.000431	.001151	.000099

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2245.367	2368.057	63699.29	8487.823	4056.929
Stddev	2.844	11.265	257.84	27.800	19.911
%RSD	.1266524	.4757059	.4047751	.3275241	.4907868

#1	2248.554	2375.576	63987.58	8478.270	4076.003
#2	2243.087	2373.490	63490.74	8466.060	4058.507
#3	2244.460	2355.105	63619.56	8519.140	4036.275

Sample Name: ICSA Acquired: 6/18/2018 15:27:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) 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	.0011592	-.009875	-.004715	-.020920	.0031729	241.0292
Stddev	.0012156	.006764	.000782	.004672	.0027508	8.6495
%RSD	104.8619	68.48909	16.59530	22.33385	86.69508	3.588580

#1	.0019760	-.010988	-.003826	-.026197	.0014858	233.0417
#2	.0017393	-.002624	-.005018	-.017308	.0063472	250.2157
#3	-.000238	-.016014	-.005301	-.019255	.0016859	239.8304

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053647	.0009912	-.000972	256.4227	.0480930	.0014300
Stddev	.0002899	.0001490	.000182	11.3366	.0005601	.0001887
%RSD	5.403039	15.03169	18.75170	4.421076	1.164532	13.19343

#1	.0051091	.0011483	-.000778	246.1154	.0485902	.0014042
#2	.0056796	.0009736	-.001139	268.5649	.0474863	.0012555
#3	.0053054	.0008519	-.000999	254.5878	.0482026	.0016302

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002032	103.8836	.0125355	257.9142	-.000104	-.005610
Stddev	.001504	4.2404	.0014804	11.6309	.000132	.001118
%RSD	74.00625	4.081873	11.80954	4.509597	126.6583	19.92935

#1	-.003613	99.9603	.0115912	247.4675	-.000191	-.006252
#2	-.000619	108.3824	.0117736	270.4469	-.000170	-.004319
#3	-.001865	103.3083	.0142416	255.8280	.000048	-.006258

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2684676	.0027848	-.011491	-.108816	-.002832	F .1147732
Stddev	.1526959	.0043911	.001121	.030589	.001234	.0038895
%RSD	56.87684	157.6814	9.753587	28.11053	43.56955	3.388834

#1	.1393576	-.000931	-.012729	-.133401	-.004221	.1114048
#2	.4370129	.007630	-.010546	-.074561	-.001863	.1138848
#3	.2290324	.001655	-.011197	-.118486	-.002411	.1190301

Sample Name: ICSA Acquired: 6/18/2018 15:27:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) 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	.0009210	.0087560	-.001317	-.004387	-.001811	.0062138
Stddev	.0002258	.0081007	.000430	.001165	.000967	.0009702
%RSD	24.52273	92.51527	32.62181	26.55810	53.41191	15.61332

#1	.0007456	.0154957	-.001517	-.003709	-.002010	.0051646
#2	.0011758	.0110035	-.000824	-.005733	-.000760	.0070784
#3	.0008414	-.000231	-.001609	-.003720	-.002663	.0063984

Elem	Sr4077
Units	ppm
Avg	.1040256
Stddev	.0031941
%RSD	3.070474

#1	.1009958
#2	.1073619
#3	.1037192

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2068.051	2182.270	59410.13	7961.036	3437.895
Stddev	10.131	6.505	181.86	573.445	13.488
%RSD	.4898857	.2981010	.3061103	7.203140	.3923307

#1	2065.629	2176.989	59230.00	8383.257	3424.059
#2	2059.350	2180.285	59406.73	7308.183	3438.620
#3	2079.173	2189.537	59593.68	8191.667	3451.006

Sample Name: ICSAB Acquired: 6/18/2018 15:33:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) 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	.0895395	.0915738	.0402790	.0252497	.5497360	234.3419
Stddev	.0031704	.0033543	.0031593	.0036379	.0147298	1.9753
%RSD	3.540827	3.662964	7.843570	14.40757	2.679428	.8429292

#1	.0861693	.0877355	.0426967	.0292639	.5421493	232.7158
#2	.0924628	.0930437	.0367043	.0221708	.5403461	233.7697
#3	.0899864	.0939423	.0414361	.0243143	.5667125	236.5401

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4764678	.4795043	.9491050	248.5339	.5224564	.4730554
Stddev	.0044452	.0058262	.0230164	2.7448	.0014889	.0124621
%RSD	.9329520	1.215043	2.425061	1.104378	.2849765	2.634391

#1	.4737453	.4747993	.9333910	245.9435	.5235190	.4641291
#2	.4740607	.4776924	.9383998	248.2478	.5230956	.4677438
#3	.4815975	.4860211	.9755242	251.4106	.5207546	.4872933

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4659776	100.8831	.5052382	249.2942	.9412719	.1611002
Stddev	.0053613	1.3075	.0066890	2.7603	.0250569	.0008125
%RSD	1.150548	1.296022	1.323928	1.107248	2.662029	.5043365

#1	.4626825	99.8688	.4982411	246.9883	.9255163	.1609051
#2	.4630864	100.4218	.5059042	248.5415	.9281337	.1619925
#3	.4721639	102.3587	.5115693	252.3528	.9701656	.1604030

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2834666	.4850826	.8965892	-.145439	.0073722	F .1106670
Stddev	.1708005	.0089333	.0289081	.016798	.0005227	.0038488
%RSD	60.25420	1.841613	3.224229	11.55017	7.090207	3.477796

#1	.3020660	.4777950	.9242011	-.162642	.0076341	.1080738
#2	.1041276	.4824039	.8990272	-.129077	.0077121	.1088380
#3	.4442061	.4950488	.8665393	-.144598	.0067703	.1150892

Sample Name: ICSAB Acquired: 6/18/2018 15:33:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) 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	.0015153	.0147385	-.001501	-.005629	-.002366	.0061042
Stddev	.0005401	.0066640	.002083	.001100	.000827	.0006649
%RSD	35.64300	45.21460	138.8176	19.54484	34.96694	10.89301

#1	.0013395	.0181431	.000105	-.004410	-.002359	.0053591
#2	.0021215	.0070600	-.003855	-.006549	-.001542	.0063161
#3	.0010851	.0190125	-.000753	-.005927	-.003197	.0066374

Elem	Sr4077
Units	ppm
Avg	.1010671
Stddev	.0006449
%RSD	.6380913

#1	.1005160
#2	.1009091
#3	.1017764

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2078.928	2144.252	59589.35	8200.611	3398.919
Stddev	13.642	32.810	173.32	87.185	52.909
%RSD	.6562109	1.530136	.2908572	1.063151	1.556640

#1	2068.406	2164.159	59515.85	8268.232	3429.733
#2	2074.036	2162.215	59464.89	8231.391	3429.197
#3	2094.342	2106.383	59787.31	8102.212	3337.825

Sample Name: CCV028 Acquired: 6/18/2018 15:37:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV028 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.042465	4.888164	25.07232	4.981498	5.086219	402.1417
Stddev	.059096	.044271	.25817	.051264	.048405	.3984
%RSD	1.171971	.9056791	1.029709	1.029095	.9516931	.0990636

#1	5.109607	4.939197	25.36003	5.040321	5.140912	402.5403
#2	4.998345	4.865222	24.86085	4.946353	5.048896	401.7436
#3	5.019442	4.860073	24.99610	4.957819	5.068848	402.1410

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.30313	.5204882	2.538759	420.8460	15.66907	2.569775
Stddev	.01239	.0021234	.027149	.9764	.01327	.026555
%RSD	.1202157	.4079535	1.069369	.2319992	.0846911	1.033344

#1	10.31584	.5201863	2.569110	420.4862	15.65400	2.598968
#2	10.30246	.5185319	2.516790	420.1006	15.67422	2.547057
#3	10.29110	.5227463	2.530375	421.9512	15.67900	2.563299

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.57152	408.2003	15.65723	410.1221	2.530225	1.360807
Stddev	.03718	.3971	.03176	1.2055	.026386	.000928
%RSD	.2387485	.0972807	.2028564	.2939431	1.042839	.0681882

#1	15.60828	408.5016	15.65370	410.4615	2.560372	1.361245
#2	15.57235	407.7503	15.62738	408.7832	2.511330	1.361433
#3	15.53394	408.3489	15.69061	411.1215	2.518973	1.359741

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	398.0673	2.624416	15.61404	157.8939	F 3.205549	5.413163
Stddev	.9620	.016502	.03136	.2392	.037142	.018440
%RSD	.2416566	.6287728	.2008745	.1514767	1.158666	.3406455

#1	397.2993	2.642953	15.57890	157.9802	3.248405	5.424668
#2	397.7563	2.618968	15.62403	157.6235	3.185529	5.391895
#3	399.1462	2.611328	15.63920	158.0779	3.182712	5.422927

Sample Name: CCV028 Acquired: 6/18/2018 15:37:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV028 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.053029	5.140597	5.130056	5.106861	5.222248	5.178084
Stddev	.049621	.037855	.012374	.062832	.008165	.002529
%RSD	.9820039	.7363984	.2412120	1.230345	.1563412	.0488350

#1	5.108652	5.184231	5.124934	5.179023	5.223833	5.178597
#2	5.013310	5.121024	5.121065	5.064268	5.213407	5.175337
#3	5.037125	5.116534	5.144169	5.077294	5.229503	5.180316

Elem	Sr4077
Units	ppm
Avg	5.208817
Stddev	.001882
%RSD	.0361339

#1	5.207544
#2	5.207927
#3	5.210979

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1886.136	1943.311	56107.60	7934.382	3022.574
Stddev	9.548	16.907	117.08	12.916	30.052
%RSD	.5062442	.8700120	.2086777	.1627802	.9942373

#1	1896.865	1924.295	56208.59	7942.658	2988.265
#2	1882.970	1956.648	55979.26	7940.990	3044.232
#3	1878.572	1948.988	56134.94	7919.500	3035.224

Sample Name: CCB028 Acquired: 6/18/2018 15:41:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB028 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001802	-.000829	-.002483	.0027245	-.000399	-.001805	-.001147
Stddev	.001791	.000801	.000581	.0031996	.001452	.005271	.000634
%RSD	99.40089	96.59663	23.41809	117.4376	363.7974	292.0569	55.24788

#1	-.001786	-.000811	-.002096	.0009587	.001207	-.004506	-.001833
#2	-.000019	-.000038	-.002201	.0007969	-.000784	.004269	-.000583
#3	-.003601	-.001640	-.003151	.0064179	-.001620	-.005178	-.001025

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000070	.0000151	-.006076	-.000267	-.000124	-.000376	.0131720
Stddev	.000020	.0000321	.012296	.000349	.000214	.002287	.0086997
%RSD	27.90341	212.5664	202.3621	130.7256	172.7742	607.8727	66.04687

#1	-.000091	.0000504	.003435	-.000234	-.000053	-.003003	.0210286
#2	-.000052	-.000012	-.019961	.000064	-.000365	.000695	.0146650
#3	-.000067	.000007	-.001702	-.000631	.000045	.001179	.0038224

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001154	-.019286	-.000425	.0002643	-.042319	-.001210	-.000808
Stddev	.0014867	.056199	.000088	.0003286	.205069	.001881	.009049
%RSD	1288.291	291.3913	20.82356	124.3340	484.5831	155.5154	1119.543

#1	.0009596	-.056836	-.000475	.0005428	.067349	-.003381	.008688
#2	.0009878	.045323	-.000477	.0003483	-.278902	-.000187	-.001782
#3	-.001601	-.046346	-.000323	-.000098	.084597	-.000061	-.009331

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.036841	.0005092	.0057514	.0002347	-.007551	.0012784	-.000204
Stddev	.011746	.0009112	.0004140	.0000812	.005154	.0011103	.001193
%RSD	31.88376	178.9487	7.197725	34.60708	68.25030	86.84949	584.6513

#1	-.024521	.0009219	.0059640	.0002044	-.007758	.0016526	-.000837
#2	-.038088	-.000535	.0052743	.0003267	-.012598	.0021532	.001172
#3	-.047915	.001141	.0060158	.0001730	-.002297	.0000294	-.000946

Sample Name: CCB028 Acquired: 6/18/2018 15:41:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB028 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000693	.0003759	.0000465
Stddev	.000777	.0005209	.0000464
%RSD	112.1555	138.5674	99.65351

#1	.000204	.0009550	.0000192
#2	-.001112	-.000054	.0001001
#3	-.001171	.000227	.0000203

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2245.927	2367.055	63815.59	8573.677	4086.171
Stddev	51.841	.910	1624.32	15.457	5.950
%RSD	2.308238	.0384392	2.545330	.1802871	.1456022

#1	2276.284	2367.934	64782.73	8586.280	4089.315
#2	2186.068	2367.116	61940.30	8578.320	4089.890
#3	2275.429	2366.117	64723.75	8556.430	4079.309

Sample Name: J3386-20A Acquired: 6/18/2018 15:45:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FX5A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1590594	-.014193	2.788717	.0535142	.1362859	86.90351	.9746824
Stddev	.0037482	.003672	.012143	.0039993	.0013448	.25954	.0032163
%RSD	2.356505	25.87295	.4354367	7.473435	.9867777	.2986551	.3299867

#1	.1633624	-.015583	2.801449	.0490120	.1347865	86.80276	.9742704
#2	.1565051	-.016967	2.787440	.0566555	.1373855	87.19832	.9780849
#3	.1573108	-.010029	2.777264	.0548751	.1366857	86.70945	.9716920

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092729	.1316091	110.9839	.1082803	.0859650	.8540104	148.1714
Stddev	.0000945	.0007878	.4075	.0079723	.0004908	.0016149	.4855
%RSD	1.019403	.5986200	.3671604	7.362681	.5708786	.1890986	.3276663

#1	.0091794	.1323537	110.7625	.1041027	.0864394	.8548688	147.7081
#2	.0092709	.1316894	111.4542	.1032649	.0859963	.8550149	148.6764
#3	.0093684	.1307842	110.7352	.1174732	.0854594	.8521476	148.1297

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.645482	57.40002	.1142610	.0112173	2.574177	.2807221	2.031389
Stddev	.023672	.32728	.0011477	.0000841	.069860	.0031112	.107057
%RSD	.5095643	.5701663	1.004467	.7496694	2.713858	1.108297	5.270128

#1	4.625868	57.04932	.1155813	.0111405	2.585056	.2773038	1.965685
#2	4.671776	57.69731	.1137004	.0112043	2.499516	.2833884	1.973557
#3	4.638801	57.45342	.1135013	.0113072	2.637959	.2814740	2.154924

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.71508	3.057667	.2252101	.0086620	7.150120	12.20205	.0215920
Stddev	.14309	.005377	.0010594	.0002619	.008532	.13415	.0023108
%RSD	.4658503	.1758653	.4703947	3.023573	.1193284	1.099413	10.70211

#1	30.62398	3.063784	.2244427	.0084306	7.150386	12.07607	.0195815
#2	30.88000	3.055533	.2264188	.0086090	7.158516	12.18698	.0210779
#3	30.64127	3.053685	.2247689	.0089464	7.141458	12.34310	.0241165

Sample Name: J3386-20A Acquired: 6/18/2018 15:45:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FX5A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.865426	.1142510	.3886213
Stddev	.011457	.0010516	.0008843
%RSD	.3998287	.9204337	.2275422

#1	2.857072	.1137537	.3876901
#2	2.878486	.1135403	.3894496
#3	2.860719	.1154590	.3887242

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2810.434	2992.620	81162.12	11506.51	3593.850
Stddev	137.413	7.702	3875.29	49.21	17.208
%RSD	4.889383	.2573661	4.774756	.4277099	.4788110

#1	2880.387	2984.780	83228.58	11524.19	3576.637
#2	2898.795	2992.903	83566.21	11450.90	3593.860
#3	2652.120	3000.176	76691.56	11544.44	3611.052

Sample Name: J3382-20A Acquired: 6/18/2018 15:49:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G52A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3457401	-.018851	2.295161	-.042452	.0140865	121.8955	1.476548
Stddev	.0030895	.003126	.012101	.004699	.0007919	.0971	.003183
%RSD	.8935909	16.58470	.5272520	11.06867	5.621761	.0796352	.2155855

#1	.3426117	-.015990	2.281869	-.047445	.0145171	121.7837	1.478980
#2	.3458194	-.018373	2.305540	-.038116	.0145699	121.9593	1.472945
#3	.3487892	-.022188	2.298074	-.041795	.0131726	121.9434	1.477718

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0109234	.2409354	47.64059	.1625219	.1330988	3.038476	239.5401
Stddev	.0000741	.0010015	.20815	.0026226	.0011704	.011522	.6197
%RSD	.6781875	.4156924	.4369193	1.613659	.8793650	.3792146	.2587019

#1	.0109376	.2397842	47.42586	.1655488	.1318463	3.025651	239.0598
#2	.0109895	.2416065	47.84147	.1610865	.1341648	3.047956	240.2396
#3	.0108433	.2414156	47.65443	.1609303	.1332854	3.041820	239.3208

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.390039	65.03482	.1460284	.0048038	1.513710	.4658222	7.823292
Stddev	.035219	.18669	.0006551	.0007533	.015683	.0108046	.088469
%RSD	.4765702	.2870684	.4485758	15.68042	1.036060	2.319474	1.130847

#1	7.361466	64.83903	.1452835	.0041217	1.516722	.4666572	7.908063
#2	7.429386	65.05457	.1465143	.0056123	1.496739	.4761851	7.830273
#3	7.379265	65.21085	.1462875	.0046775	1.527668	.4546243	7.731538

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	52.70940	3.226715	.2930239	.0092213	2.877279	24.90352	.0226960
Stddev	.02970	.009031	.0018512	.0004535	.011643	.09970	.0006504
%RSD	.0563507	.2798761	.6317707	4.917982	.4046466	.4003317	2.865725

#1	52.67530	3.234570	.2919613	.0089546	2.865331	24.94251	.0225354
#2	52.72328	3.228728	.2919489	.0089645	2.888591	24.97783	.0221409
#3	52.72962	3.216848	.2951615	.0097450	2.877917	24.79022	.0234116

Sample Name: J3382-20A Acquired: 6/18/2018 15:49:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0G52A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.391330	.1797461	.3858402
Stddev	.011540	.0007808	.0002680
%RSD	.1375241	.4343925	.0694543

#1	8.380758	.1788493	.3858708
#2	8.403641	.1801140	.3855582
#3	8.389591	.1802750	.3860916

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2482.765	2586.648	71438.23	9978.778	3639.134
Stddev	16.680	11.880	630.83	37.940	15.689
%RSD	.6718178	.4592976	.8830461	.3802059	.4311237

#1	2463.615	2597.474	70709.84	9995.633	3652.638
#2	2490.559	2573.938	71795.93	9935.331	3621.923
#3	2494.120	2588.532	71808.90	10005.37	3642.841

Sample Name: PB110164BL Acquired: 6/18/2018 15:53:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) 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	-.004252	-.001082	-.001990	.0024383	.0003318	.0073065	-.001109
Stddev	.005321	.002268	.001375	.0028575	.0005863	.0029310	.000199
%RSD	125.1461	209.6004	69.07755	117.1936	176.6930	40.11466	17.96699

#1	-.007700	.000652	-.001097	.0044270	.0002684	.0105360	-.001339
#2	-.006932	-.000250	-.001300	-.000836	-.000220	.0065684	-.000989
#3	.001876	-.003649	-.003574	.003724	.000947	.0048151	-.000998

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000068	.0000041	.0138624	.0000232	-.000268	.0006431	.0184340
Stddev	.000046	.0000682	.0160943	.0002115	.000135	.0011910	.0069928
%RSD	68.13319	1685.067	116.1002	911.5871	50.21302	185.2035	37.93455

#1	-.000015	-.000065	-.002232	.0002215	-.000129	.0003691	.0136270
#2	-.000085	.000072	.029956	.0000474	-.000278	-.000387	.0264562
#3	-.000103	.000005	.013863	-.000199	-.000398	.001947	.0152187

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005648	.0051045	-.000357	-.000093	-.077627	.0016653	.0027632
Stddev	.0003594	.0579489	.000302	.000090	.233490	.0022123	.0048543
%RSD	63.63479	1135.246	84.47692	97.21788	300.7840	132.8477	175.6779

#1	.0007701	.0159409	-.000657	-.000080	-.283888	-.000501	.0055085
#2	.0007743	.0568703	-.000360	-.000189	.175869	.001577	.0056228
#3	.0001498	-.057498	-.000054	-.000010	-.124861	.003921	-.002842

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.045092	.0016783	.0007943	.0002282	-.006521	.0034728	.0000319
Stddev	.051345	.0009011	.0011336	.0001175	.006487	.0005494	.0012483
%RSD	113.8684	53.69474	142.7082	51.48562	99.48664	15.82002	3913.190

#1	.012423	.0026789	.0018838	.0001968	-.002270	.0035895	-.001362
#2	-.061386	.0009308	.0008780	.0001296	-.003304	.0039546	.000410
#3	-.086313	.0014251	-.000379	.0003582	-.013987	.0028745	.001048

Sample Name: PB110164BL Acquired: 6/18/2018 15:53:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) 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	.0003832	-.000462	.0000526
Stddev	.0003485	.001335	.0000299
%RSD	90.94430	289.0616	56.86313

#1	.0007857	-.000030	.0000273
#2	.0001810	.000604	.0000856
#3	.0001831	-.001960	.0000448

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2273.579	2413.087	64619.98	8353.897	4139.293
Stddev	36.643	1.050	961.62	211.220	7.665
%RSD	1.611707	.0435044	1.488116	2.528399	.1851867

#1	2244.553	2412.028	63859.91	8113.650	4131.322
#2	2314.754	2413.104	65701.04	8437.620	4146.611
#3	2261.429	2414.128	64298.99	8510.420	4139.946

Sample Name: PB110164BS Acquired: 6/18/2018 15:57:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) 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	.0196101	.0486027	.0183879	.0759574	.1194708	.3867182
Stddev	.0045435	.0008261	.0027636	.0061776	.0010761	.0085673
%RSD	23.16943	1.699784	15.02929	8.133017	.9007629	2.215400

#1	.0248549	.0478200	.0184342	.0700858	.1184494	.3773326
#2	.0168762	.0485218	.0211281	.0824012	.1205944	.3941187
#3	.0170991	.0494663	.0156015	.0753853	.1193685	.3887034

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3987771	.0105843	.0102594	10.55176	.0222960	.0980735
Stddev	.0014609	.0000051	.0001561	.04960	.0004558	.0016152
%RSD	.3663380	.0486487	1.521671	.4700599	2.044390	1.646956

#1	.4003460	.0105903	.0102117	10.51123	.0220791	.0973919
#2	.3974559	.0105816	.0104338	10.60707	.0219891	.0999178
#3	.3985294	.0105811	.0101327	10.53697	.0228197	.0969108

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0526135	.2527111	.0344954	9.899386	.0812711	.0205353
Stddev	.0010303	.0072682	.0012030	.050525	.0007558	.0002053
%RSD	1.958264	2.876085	3.487330	.5103814	.9300013	.9999196

#1	.0535925	.2571448	.0355220	9.852623	.0806812	.0203054
#2	.0527094	.2566655	.0331717	9.952977	.0821230	.0207003
#3	.0515386	.2443231	.0347923	9.892556	.0810090	.0206002

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.695037	.1079042	.1327956	9.732651	F .0102616	F .0203685
Stddev	.121498	.0038140	.0067646	.067920	.0008603	.0009901
%RSD	1.253195	3.534612	5.093970	.6978569	8.383232	4.861171

#1	9.580564	.1046124	.1273850	9.811031	.0094508	.0199901
#2	9.682034	.1120838	.1306220	9.695821	.0111640	.0196233
#3	9.822514	.1070164	.1403798	9.691102	.0101700	.0214920

Sample Name: PB110164BS Acquired: 6/18/2018 15:57:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) 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	.0201679	.1682619	.2016317	F .0135793	.2023059	.0949068
Stddev	.0005240	.0049488	.0011873	.0004327	.0014903	.0008483
%RSD	2.598085	2.941119	.5888423	3.186146	.7366599	.8937723

#1	.0198224	.1636353	.2016939	.0139504	.2021504	.0949165
#2	.0207708	.1734798	.2027867	.0131041	.2038679	.0957502
#3	.0199105	.1676705	.2004146	.0136833	.2008995	.0940538

Elem	Sr4077
Units	ppm
Avg	.2025625
Stddev	.0001430
%RSD	.0705699

#1	.2023998
#2	.2026198
#3	.2026679

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2267.659	2358.303	63911.46	8518.625	4038.297
Stddev	12.600	28.880	149.56	24.030	49.929
%RSD	.5556512	1.224598	.2340111	.2820927	1.236377

#1	2254.272	2372.015	63778.38	8494.755	4070.727
#2	2269.415	2325.122	64073.32	8518.308	3980.802
#3	2279.289	2377.773	63882.67	8542.813	4063.362

Sample Name: J3399-01 Acquired: 6/18/2018 16:01:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0F96 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1295480	-.018652	1.587998	-.030063	.0122006	102.1606	1.157431
Stddev	.0045493	.001499	.017197	.002527	.0019583	.4396	.003847
%RSD	3.511659	8.034562	1.082949	8.405763	16.05117	.4303475	.3324080

#1	.1269490	-.018374	1.571305	-.027412	.0132985	102.2073	1.158950
#2	.1348010	-.017312	1.587032	-.032445	.0099396	102.5751	1.160288
#3	.1268940	-.020270	1.605659	-.030333	.0133637	101.6995	1.153056

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075627	.0427871	299.4344	.1713940	.0743539	.4553314	232.0075
Stddev	.0000960	.0009669	1.3324	.0013441	.0011323	.0028237	1.0507
%RSD	1.269436	2.259709	.4449786	.7842353	1.522888	.6201404	.4528872

#1	.0075985	.0419458	299.4776	.1729289	.0736022	.4580182	231.8896
#2	.0076357	.0425721	300.7447	.1708261	.0738032	.4523883	233.1122
#3	.0074539	.0438433	298.0809	.1704270	.0756562	.4555879	231.0207

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.630331	50.97161	.1000579	-.003693	2.056217	.6080484	1.615200
Stddev	.033967	.25469	.0007064	.000490	.066341	.0033627	.000880
%RSD	.7335669	.4996800	.7060262	13.25785	3.226348	.5530271	.0544540

#1	4.620220	50.82741	.0994268	-.004206	2.067367	.6106891	1.615476
#2	4.668205	51.26569	.0999258	-.003641	2.116275	.6091933	1.614215
#3	4.602569	50.82173	.1008210	-.003231	1.985007	.6042628	1.615908

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.37238	2.425322	.3223829	.0096302	3.951523	6.333919	.0074218
Stddev	.17120	.010897	.0023797	.0002547	.028521	.027979	.0014384
%RSD	.5636850	.4493209	.7381543	2.644331	.7217667	.4417358	19.38052

#1	30.41910	2.418135	.3222728	.0095844	3.931950	6.357794	.0057617
#2	30.51537	2.419970	.3248158	.0099047	3.938373	6.340832	.0082063
#3	30.18266	2.437861	.3200603	.0094016	3.984246	6.303132	.0082973

Sample Name: J3399-01 Acquired: 6/18/2018 16:01:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0F96 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.836286	.1168615	.7627863
Stddev	.016402	.0006771	.0028059
%RSD	.4275424	.5793800	.3678448

#1	3.834529	.1176406	.7639484
#2	3.853495	.1165279	.7648245
#3	3.820833	.1164160	.7595861

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2304.474	2406.930	66386.40	9117.006	3583.469
Stddev	13.585	16.598	401.47	52.778	30.559
%RSD	.5894849	.6895869	.6047429	.5789003	.8527699

#1	2297.356	2418.219	66179.00	9090.805	3606.728
#2	2295.927	2414.700	66131.04	9082.454	3594.819
#3	2320.138	2387.873	66849.14	9177.758	3548.859

Sample Name: J3399-02 Acquired: 6/18/2018 16:06:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0F97 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1126547	-.015844	1.441311	-.034925	.0111803	90.90027	1.009233
Stddev	.0033114	.003243	.009044	.002045	.0028492	.25884	.001787
%RSD	2.939407	20.47069	.6275044	5.855662	25.48400	.2847561	.1770491

#1	.1147457	-.014399	1.445410	-.032564	.0083839	91.14553	1.011194
#2	.1143815	-.019559	1.430944	-.036149	.0140795	90.92558	1.008809
#3	.1088368	-.013575	1.447581	-.036063	.0110775	90.62970	1.007697

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064976	.0405936	62.19239	.1445970	.0787836	.5263774	210.5691
Stddev	.0002960	.0003096	.17724	.0013933	.0005649	.0011971	.8041
%RSD	4.555885	.7627082	.2849909	.9636005	.7170669	.2274157	.3818873

#1	.0061564	.0405845	62.36698	.1462047	.0784118	.5262080	211.3337
#2	.0066499	.0402887	62.19757	.1437405	.0785053	.5276502	210.6431
#3	.0066864	.0409077	62.01261	.1438456	.0794337	.5252741	209.7305

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.478257	41.26422	.0954316	-.002680	1.998216	.4762581	1.224397
Stddev	.028625	.10333	.0004492	.000571	.148326	.0037567	.021165
%RSD	.5225149	.2504165	.4706757	21.30356	7.422937	.7887874	1.728596

#1	5.497268	41.28648	.0953490	-.003075	1.835167	.4768762	1.232450
#2	5.492168	41.15157	.0959163	-.002940	2.034332	.4796673	1.200388
#3	5.445335	41.35460	.0950294	-.002026	2.125150	.4722307	1.240354

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.38992	2.298012	.2766398	.0100490	2.400174	8.912996	.0103591
Stddev	.08595	.016971	.0011444	.0005225	.017570	.030191	.0021014
%RSD	.3027439	.7385106	.4136715	5.199968	.7320462	.3387262	20.28566

#1	28.42090	2.283492	.2767923	.0097981	2.395173	8.904544	.0089543
#2	28.45609	2.293874	.2777003	.0106497	2.385647	8.946512	.0127750
#3	28.29278	2.316669	.2754269	.0096992	2.419703	8.887932	.0093481

Sample Name: J3399-02 Acquired: 6/18/2018 16:06:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0F97 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.366388	.1195769	.2837661
Stddev	.013781	.0009253	.0008012
%RSD	.3156068	.7738068	.2823436

#1	4.379422	.1195928	.2846013
#2	4.367775	.1186438	.2836930
#3	4.351966	.1204942	.2830039

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2409.705	2497.641	68965.24	9399.052	3791.522
Stddev	6.352	8.108	129.90	27.298	13.686
%RSD	.2635814	.3246400	.1883602	.2904341	.3609644

#1	2403.189	2500.113	68885.95	9407.711	3794.836
#2	2410.049	2504.225	68894.63	9368.475	3803.247
#3	2415.878	2488.584	69115.16	9420.971	3776.484

Sample Name: J3399-03 Acquired: 6/18/2018 16:10:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0F98 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1668458	-.016845	1.554416	-.030022	.0088155	79.71840	1.052912
Stddev	.0097826	.002782	.012471	.006761	.0012547	.18059	.002074
%RSD	5.863272	16.51673	.8023148	22.51895	14.23278	.2265379	.1969676

#1	.1776854	-.013632	1.544744	-.025479	.0076952	79.74346	1.054603
#2	.1641789	-.018476	1.550012	-.037792	.0101713	79.88516	1.053535
#3	.1586732	-.018427	1.568492	-.026797	.0085800	79.52659	1.050598

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062170	.0400737	248.5248	.1425780	.0957962	.3924703	192.4319
Stddev	.0001601	.0004375	.4889	.0020261	.0007252	.0024321	.6744
%RSD	2.574548	1.091733	.1967059	1.421041	.7570071	.6196902	.3504522

#1	.0063977	.0399528	248.8922	.1435935	.0956947	.3911187	192.9081
#2	.0061599	.0397093	248.7124	.1438954	.0951270	.3910142	192.7274
#3	.0060933	.0405589	247.9700	.1402449	.0965667	.3952780	191.6602

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.673907	40.58461	.0991144	-.002849	1.808250	.4806693	1.507806
Stddev	.007403	.09072	.0010177	.000308	.190539	.0013863	.021796
%RSD	.1583823	.2235409	1.026832	10.80563	10.53721	.2884069	1.445559

#1	4.680809	40.59860	.0992933	-.003201	1.951328	.4815512	1.532960
#2	4.666089	40.66753	.0980190	-.002630	1.591964	.4813854	1.494499
#3	4.674823	40.48771	.1000308	-.002716	1.881457	.4790715	1.495959

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.73935	2.647506	.2699686	.0083041	4.405377	5.687533	.0043295
Stddev	.10076	.028476	.0022714	.0004713	.035335	.034053	.0002835
%RSD	.3632338	1.075585	.8413653	5.675932	.8020829	.5987392	6.548890

#1	27.73926	2.634437	.2723267	.0084270	4.389117	5.697379	.0042105
#2	27.84016	2.627910	.2697838	.0087017	4.381099	5.715579	.0041249
#3	27.63864	2.680171	.2677952	.0077834	4.445914	5.649641	.0046531

Sample Name: J3399-03 Acquired: 6/18/2018 16:10:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0F98 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.956303	.0922410	1.180562
Stddev	.003742	.0008094	.003181
%RSD	.1265837	.8774247	.2694082

#1	2.953429	.0916192	1.182796
#2	2.960535	.0931561	1.181969
#3	2.954946	.0919477	1.176921

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2322.884	2419.465	67219.47	9196.397	3615.592
Stddev	21.690	13.241	601.10	41.772	23.163
%RSD	.9337530	.5472880	.8942360	.4542225	.6406477

#1	2313.924	2426.560	66914.13	9190.996	3628.857
#2	2307.109	2427.646	66832.32	9157.589	3629.073
#3	2347.618	2404.188	67911.95	9240.608	3588.846

Sample Name: J3399-04 Acquired: 6/18/2018 16:14:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0F99 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0746114	-.016083	.5775197	-.029601	.0067541	73.57974	.9330215
Stddev	.0041942	.004782	.0019354	.004711	.0000704	1.07482	.0126320
%RSD	5.621343	29.73162	.3351150	15.91522	1.042938	1.460760	1.353881

#1	.0734687	-.012698	.5758094	-.031366	.0068353	74.72195	.9438756
#2	.0792584	-.013998	.5771292	-.033175	.0067088	73.42907	.9360328
#3	.0711069	-.021553	.5796206	-.024262	.0067182	72.58820	.9191559

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058045	.0139526	124.5402	.1446070	.0688087	.4139206	206.4889
Stddev	.0004827	.0001121	2.4633	.0003817	.0004630	.0055077	3.9405
%RSD	8.315254	.8035552	1.977915	.2639821	.6728567	1.330610	1.908325

#1	.0063509	.0138233	127.3388	.1442682	.0692605	.4197289	210.9340
#2	.0056261	.0140228	123.5813	.1450206	.0683353	.4132596	205.1079
#3	.0054364	.0140118	122.7006	.1445323	.0688304	.4087733	203.4248

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.344018	43.05953	.0836344	-.006428	3.078836	.4832528	.8860171
Stddev	.082896	.71849	.0010334	.000108	.024592	.0100481	.0436644
%RSD	1.908270	1.668588	1.235564	1.672613	.7987346	2.079257	4.928167

#1	4.438525	43.81650	.0826904	-.006334	3.052734	.4942771	.8357520
#2	4.309918	42.97511	.0847385	-.006545	3.101570	.4808732	.9145621
#3	4.283612	42.38699	.0834745	-.006405	3.082204	.4746082	.9077373

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.45601	1.996256	.2627870	.0095452	2.648225	5.634556	.0046322
Stddev	.33043	.008118	.0014986	.0000149	.014024	.269263	.0006654
%RSD	1.471437	.4066776	.5702887	.1561981	.5295680	4.778775	14.36371

#1	22.75051	1.986898	.2610618	.0095493	2.649264	5.945461	.0039108
#2	22.51885	2.001422	.2637669	.0095287	2.661701	5.481595	.0047640
#3	22.09868	2.000447	.2635323	.0095577	2.633711	5.476612	.0052218

Sample Name: J3399-04 Acquired: 6/18/2018 16:14:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0F99 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.449780	.1123195	.3924583
Stddev	.053872	.0015768	.0054855
%RSD	1.561610	1.403815	1.397733

#1	3.506690	.1139311	.3973590
#2	3.443078	.1122473	.3934832
#3	3.399574	.1107801	.3865326

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2323.911	2437.014	66673.96	8738.377	3756.851
Stddev	10.421	5.350	152.03	394.520	5.528
%RSD	.4484145	.2195151	.2280175	4.514799	.1471403

#1	2327.215	2431.260	66551.55	8285.619	3750.566
#2	2312.238	2437.947	66626.20	8921.123	3759.027
#3	2332.279	2441.836	66844.14	9008.388	3760.959

Sample Name: J3399-05 Acquired: 6/18/2018 16:18:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FA0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1120021	-.015031	.7820829	-.027350	.0097610	100.5259	1.502942
Stddev	.0023052	.002973	.0054023	.003507	.0025508	.1695	.001161
%RSD	2.058181	19.77934	.6907565	12.82213	26.13263	.1686299	.0772744

#1	.1106776	-.014710	.7762495	-.027970	.0076804	100.4287	1.501640
#2	.1146639	-.018151	.7830854	-.030506	.0089958	100.4273	1.503871
#3	.1106647	-.012231	.7869136	-.023575	.0126068	100.7216	1.503315

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083680	.0219620	222.6354	.1148800	.0765464	.4604719	179.4209
Stddev	.0001123	.0002062	.6240	.0008190	.0007515	.0025261	.4332
%RSD	1.342503	.9388582	.2802677	.7129103	.9817214	.5485958	.2414439

#1	.0084705	.0218676	222.2030	.1150821	.0756889	.4620499	179.0306
#2	.0082479	.0218199	222.3526	.1139789	.0770905	.4618074	179.3452
#3	.0083855	.0221985	223.3507	.1155791	.0768597	.4575583	179.8870

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.546791	72.84646	.1170881	-.002610	2.110005	.3123899	1.105881
Stddev	.010822	.23434	.0005872	.000310	.032338	.0025822	.012759
%RSD	.1950966	.3216930	.5015220	11.87425	1.532594	.8265854	1.153716

#1	5.534303	72.66062	.1177508	-.002923	2.141515	.3123673	1.092313
#2	5.553421	73.10972	.1168810	-.002606	2.111602	.3149832	1.107693
#3	5.552649	72.76905	.1166325	-.002303	2.076898	.3098190	1.117637

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.35057	2.260880	.2685505	.0071146	3.308558	6.084221	.0068841
Stddev	.03584	.006907	.0025696	.0002504	.015583	.003704	.0015650
%RSD	.1221058	.3054902	.9568428	3.519974	.4709927	.0608781	22.73295

#1	29.31301	2.259273	.2656026	.0069072	3.316900	6.087971	.0084967
#2	29.38440	2.254919	.2697325	.0070437	3.290579	6.080565	.0053716
#3	29.35431	2.268449	.2703165	.0073928	3.318194	6.084127	.0067841

Sample Name: J3399-05 Acquired: 6/18/2018 16:18:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FA0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.088208	.1559841	.6269502
Stddev	.007760	.0000559	.0006923
%RSD	.1898186	.0358412	.1104265

#1	4.079991	.1559220	.6262274
#2	4.089220	.1560002	.6276074
#3	4.095412	.1560303	.6270158

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2362.293	2434.857	68171.64	9382.451	3612.829
Stddev	5.004	6.904	106.85	31.963	11.418
%RSD	.2118190	.2835644	.1567295	.3406729	.3160386

#1	2357.157	2435.487	68108.28	9346.540	3621.059
#2	2362.570	2441.425	68295.00	9393.028	3617.634
#3	2367.153	2427.659	68111.65	9407.785	3599.793

Sample Name: J3399-06 Acquired: 6/18/2018 16:22:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FA1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1058424	-.018348	.7544522	-.024565	.0087540	98.75443	1.393937
Stddev	.0024205	.003126	.0055982	.004311	.0032307	.24452	.002639
%RSD	2.286894	17.03992	.7420259	17.55023	36.90567	.2476023	.1893359

#1	.1038192	-.021323	.7566109	-.026458	.0115608	99.01674	1.396960
#2	.1051839	-.018632	.7586496	-.027605	.0094788	98.71374	1.392766
#3	.1085240	-.015089	.7480959	-.019631	.0052225	98.53280	1.392087

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077737	.0200481	225.5626	.1440377	.0754404	.5444676	194.4080
Stddev	.0000259	.0002304	.6477	.0023695	.0002778	.0022783	.3749
%RSD	.3331897	1.149462	.2871590	1.645075	.3682632	.4184518	.1928510

#1	.0077588	.0199515	225.7348	.1427708	.0751209	.5470645	194.6806
#2	.0078036	.0198817	226.1068	.1467714	.0756254	.5428046	194.5629
#3	.0077587	.0203111	224.8462	.1425710	.0755748	.5435337	193.9804

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.020158	59.48767	.0976644	.0001642	2.610720	.4540708	.8993097
Stddev	.023596	.23064	.0011940	.0001871	.180980	.0048654	.0214852
%RSD	.3919455	.3877154	1.222522	113.9910	6.932171	1.071498	2.389072

#1	6.038290	59.53627	.0969557	.0003667	2.790920	.4551395	.8867109
#2	6.028704	59.69014	.0990429	-.000002	2.612270	.4487599	.9241176
#3	5.993480	59.23660	.0969947	.000128	2.428971	.4583130	.8871005

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.47119	2.159753	.2908704	.0073420	4.813406	8.148973	.0070265
Stddev	.05543	.008489	.0016060	.0002371	.017847	.026192	.0017897
%RSD	.2093946	.3930358	.5521338	3.228770	.3707818	.3214088	25.47023

#1	26.53383	2.169535	.2890202	.0070903	4.832308	8.135573	.0090921
#2	26.42849	2.154321	.2916871	.0075610	4.811067	8.179154	.0059403
#3	26.45124	2.155402	.2919039	.0073747	4.796844	8.132193	.0060471

Sample Name: J3399-06 Acquired: 6/18/2018 16:22:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FA1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.675147	.1275680	.8005941
Stddev	.009805	.0004958	.0015637
%RSD	.2667865	.3886886	.1953154

#1	3.684683	.1281035	.8022865
#2	3.675663	.1274757	.8002927
#3	3.665094	.1271248	.7992030

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2322.566	2415.553	66996.41	9182.597	3625.931
Stddev	27.049	11.439	859.56	31.368	18.458
%RSD	1.164623	.4735456	1.282993	.3415977	.5090515

#1	2325.995	2403.780	67267.84	9155.246	3612.101
#2	2293.967	2416.255	66033.90	9175.709	3618.802
#3	2347.738	2426.625	67687.49	9216.836	3646.890

Sample Name: J3399-07 Acquired: 6/18/2018 16:26:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FA2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1297269	-.011644	.6490016	-.023931	.0117393	110.1653	1.700835
Stddev	.0063143	.001965	.0046711	.002107	.0017537	1.5921	.022962
%RSD	4.867418	16.87523	.7197307	8.802615	14.93906	1.445201	1.350057

#1	.1331202	-.011908	.6484916	-.024951	.0097145	111.9372	1.726479
#2	.1224414	-.013463	.6539067	-.021509	.0127792	109.7036	1.693848
#3	.1336190	-.009560	.6446065	-.025334	.0127243	108.8550	1.682178

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082016	.0182146	433.7858	.1158539	.0650554	.4565372	170.9459
Stddev	.0001097	.0000941	6.6595	.0008753	.0012636	.0077130	2.0803
%RSD	1.337230	.5166325	1.535206	.7555557	1.942364	1.689452	1.216933

#1	.0083249	.0181169	441.1440	.1167759	.0641975	.4649687	173.1500
#2	.0081149	.0183047	432.0409	.1157515	.0665065	.4498371	170.6711
#3	.0081651	.0182221	428.1725	.1150343	.0644623	.4548056	169.0167

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.329618	81.38968	.1041856	.0020179	2.385510	.3653710	.8327104
Stddev	.092614	1.20235	.0004378	.0006551	.062880	.0052987	.0177693
%RSD	1.737726	1.477272	.4201898	32.46324	2.635931	1.450229	2.133910

#1	5.432135	82.75896	.1044797	.0015929	2.458084	.3708123	.8124235
#2	5.304725	80.90361	.1043946	.0027723	2.347276	.3650732	.8401933
#3	5.251995	80.50646	.1036825	.0016886	2.351171	.3602274	.8455145

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.66261	2.212257	.2975644	.0055858	6.374978	18.49237	.0047818
Stddev	.46212	.013595	.0033830	.0002983	.050560	.31338	.0017353
%RSD	1.670556	.6145133	1.136894	5.339477	.7931008	1.694653	36.29064

#1	28.19533	2.201903	.3010532	.0058857	6.390995	18.84908	.0066351
#2	27.42289	2.227652	.2973419	.0052892	6.415589	18.36673	.0045148
#3	27.36961	2.207215	.2942982	.0055826	6.318349	18.26131	.0031953

Sample Name: J3399-07 Acquired: 6/18/2018 16:26:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FA2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.013300	.1509574	1.045516
Stddev	.048407	.0027701	.015896
%RSD	1.606452	1.835056	1.520367

#1	3.067905	.1538869	1.062992
#2	2.996341	.1506052	1.041638
#3	2.975655	.1483803	1.031919

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2270.341	2355.521	65805.07	9044.211	3491.882
Stddev	6.972	11.022	438.29	156.485	14.914
%RSD	.3071076	.4679316	.6660441	1.730222	.4271101

#1	2264.665	2355.079	65322.13	8867.196	3488.308
#2	2268.234	2344.726	65915.50	9101.307	3479.079
#3	2278.124	2366.757	66177.59	9164.131	3508.258

Sample Name: J3399-08 Acquired: 6/18/2018 16:30:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FA3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1744388	-.017256	.8989198	-.028688	.0108306	122.2652	1.913211
Stddev	.0021158	.008290	.0058702	.004621	.0009851	.3334	.005927
%RSD	1.212899	48.04327	.6530329	16.10837	9.095498	.2727218	.3097681

#1	.1747499	-.007966	.8944899	-.024483	.0097655	122.6405	1.919684
#2	.1763818	-.019901	.8966916	-.033635	.0110172	122.1519	1.911898
#3	.1721847	-.023901	.9055779	-.027946	.0117090	122.0032	1.908051

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094577	.0262893	489.5656	.1346137	.0784349	.5007817	192.4994
Stddev	.0001492	.0003453	2.1860	.0007662	.0007444	.0023585	.8084
%RSD	1.577661	1.313381	.4465196	.5691849	.9490738	.4709549	.4199673

#1	.0095570	.0262242	491.9693	.1339160	.0779054	.5034414	193.2860
#2	.0092861	.0259812	489.0312	.1344915	.0781133	.4989451	192.5415
#3	.0095300	.0266625	487.6964	.1354337	.0792860	.4999586	191.6707

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.524957	94.47289	.1252603	.0023827	2.653534	.3861243	1.005382
Stddev	.043794	.45889	.0007152	.0004758	.045490	.0051665	.007004
%RSD	.6711724	.4857380	.5709493	19.97022	1.714325	1.338053	.6966958

#1	6.575513	94.98950	.1249896	.0028403	2.700986	.3874965	1.004974
#2	6.498697	94.11253	.1260713	.0024172	2.610300	.3904662	1.012582
#3	6.500660	94.31663	.1247199	.0018905	2.649316	.3804102	.998591

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.67957	2.855966	.3215394	.0062011	6.582768	22.80787	.0060692
Stddev	.11543	.032696	.0022629	.0004148	.054585	.12354	.0000942
%RSD	.3328550	1.144833	.7037825	6.689686	.8292132	.5416444	1.552088

#1	34.80989	2.833985	.3195385	.0060179	6.532058	22.93814	.0061393
#2	34.59019	2.840373	.3239952	.0066760	6.575706	22.79309	.0061063
#3	34.63861	2.893539	.3210843	.0059094	6.640541	22.69239	.0059622

Sample Name: J3399-08 Acquired: 6/18/2018 16:30:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FA3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.069719	.1738877	1.034759
Stddev	.009958	.0014239	.003277
%RSD	.3244053	.8188532	.3166861

#1	3.081205	.1755214	1.038524
#2	3.064432	.1729111	1.033206
#3	3.063518	.1732304	1.032548

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2261.729	2344.458	65448.52	9122.008	3402.651
Stddev	8.641	9.211	196.32	53.989	14.443
%RSD	.3820684	.3929020	.2999663	.5918554	.4244541

#1	2254.773	2342.153	65343.26	9063.861	3401.165
#2	2259.011	2354.602	65327.28	9131.614	3417.780
#3	2271.402	2336.617	65675.03	9170.550	3389.009

Sample Name: J3399-09 Acquired: 6/18/2018 16:34:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FA4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1541120	-.012880	1.188110	-.021765	.0105630	99.91546	1.856170
Stddev	.0032481	.003477	.028584	.004773	.0018404	.17568	.001401
%RSD	2.107588	26.99207	2.405795	21.92917	17.42306	.1758292	.0754683

#1	.1514357	-.009878	1.180228	-.025865	.0086707	99.76019	1.855346
#2	.1531747	-.012073	1.219808	-.016525	.0106717	100.1062	1.855376
#3	.1577256	-.016689	1.164295	-.022904	.0123467	99.8800	1.857787

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076834	.0376299	379.3921	.1223052	.0873060	.5419897	171.5594
Stddev	.0001234	.0011421	1.3810	.0006446	.0025383	.0038114	.7342
%RSD	1.605863	3.034980	.3640059	.5270637	2.907351	.7032173	.4279514

#1	.0076243	.0373185	378.2943	.1215702	.0867901	.5377826	170.9390
#2	.0076006	.0388953	380.9427	.1225705	.0900626	.5452120	172.3700
#3	.0078252	.0366758	378.9394	.1227747	.0850652	.5429746	171.3694

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.428116	74.44838	.1099775	.0014033	1.921352	.3447458	1.089891
Stddev	.027250	.50547	.0025596	.0003414	.119510	.0038062	.003164
%RSD	.4239195	.6789508	2.327357	24.33076	6.220101	1.104055	.2903240

#1	6.412358	74.20249	.1087437	.0015353	2.051148	.3465251	1.093532
#2	6.459582	75.02975	.1129203	.0010156	1.897044	.3473364	1.087807
#3	6.412408	74.11290	.1082685	.0016590	1.815865	.3403758	1.088335

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.83105	3.089358	.3354732	.0078061	10.55718	7.591030	.0062470
Stddev	.07030	.073898	.0024306	.0001938	.22069	.041892	.0019003
%RSD	.1962081	2.392031	.7245318	2.482108	2.090385	.5518662	30.41985

#1	35.83839	3.053650	.3327723	.0076916	10.49148	7.586612	.0040639
#2	35.75736	3.174328	.3361625	.0080298	10.80325	7.634956	.0075305
#3	35.89739	3.040094	.3374846	.0076968	10.37680	7.551522	.0071466

Sample Name: J3399-09 Acquired: 6/18/2018 16:34:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FA4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.516313	.1336143	1.015457
Stddev	.007080	.0010496	.000251
%RSD	.2813510	.7855496	.0247224

#1	2.508388	.1347112	1.015170
#2	2.522011	.1326194	1.015632
#3	2.518541	.1335123	1.015570

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2262.296	2334.526	65848.38	9107.529	3484.849
Stddev	5.638	48.443	182.17	49.835	76.320
%RSD	.2492314	2.075063	.2766511	.5471882	2.190051

#1	2255.786	2344.112	65729.20	9105.485	3505.582
#2	2265.503	2282.007	65757.86	9058.747	3400.305
#3	2265.600	2377.459	66058.08	9158.355	3548.661

Sample Name: J3399-10 Acquired: 6/18/2018 16:38:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FA5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1550253	-.014693	.6457374	-.032022	.0133125	117.8273	1.908674
Stddev	.0067503	.001230	.0018947	.001068	.0015693	.3867	.005462
%RSD	4.354290	8.370725	.2934225	3.334948	11.78832	.3281596	.2861428

#1	.1594257	-.013542	.6458973	-.033254	.0129969	117.5471	1.904590
#2	.1472535	-.015989	.6437677	-.031459	.0150156	117.6665	1.906554
#3	.1583968	-.014548	.6475471	-.031353	.0119249	118.2685	1.914878

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089017	.0174028	436.0898	.1263183	.0750492	.4901419	187.2269
Stddev	.0001869	.0000499	1.6542	.0027514	.0002905	.0045106	.6004
%RSD	2.099432	.2867322	.3793348	2.178160	.3870340	.9202650	.3206839

#1	.0088394	.0173452	434.5832	.1269463	.0747154	.4931997	186.7816
#2	.0091117	.0174320	435.8263	.1287014	.0751881	.4849616	186.9894
#3	.0087538	.0174312	437.8600	.1233072	.0752441	.4922643	187.9097

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.941641	97.03802	.1174500	.0026262	5.638139	.3679963	1.169404
Stddev	.032380	.18421	.0012313	.0008902	.184561	.0062801	.038878
%RSD	.5449615	.1898356	1.048350	33.89845	3.273431	1.706571	3.324603

#1	5.920202	96.92310	.1170230	.0024608	5.774958	.3610418	1.194590
#2	5.925832	96.94048	.1188379	.0018303	5.711232	.3732530	1.188994
#3	5.978888	97.25050	.1164889	.0035876	5.428227	.3696939	1.124627

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.80236	3.230681	.3170602	.0062814	9.074173	7.018199	.0055152
Stddev	.09482	.008930	.0016058	.0003832	.001502	.021433	.0013699
%RSD	.2724545	.2764007	.5064791	6.101112	.0165475	.3053908	24.83864

#1	34.84033	3.236045	.3152208	.0060375	9.072546	7.002485	.0041018
#2	34.87232	3.220373	.3177772	.0067231	9.075506	7.042614	.0056066
#3	34.69444	3.235625	.3181827	.0060836	9.074466	7.009497	.0068370

Sample Name: J3399-10 Acquired: 6/18/2018 16:38:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FA5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.006884	.1828425	1.008485
Stddev	.015538	.0009339	.001544
%RSD	.5167480	.5107596	.1531076

#1	2.990635	.1822306	1.007762
#2	3.008420	.1823796	1.007435
#3	3.021597	.1839175	1.010258

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2280.066	2371.041	66061.92	9240.444	3471.353
Stddev	26.735	4.948	884.34	9.623	4.995
%RSD	1.172546	.2086855	1.338656	.1041408	.1439039

#1	2262.470	2365.353	65944.45	9242.243	3465.644
#2	2266.898	2373.416	65242.19	9230.048	3474.921
#3	2310.831	2374.353	66999.13	9249.040	3473.495

Sample Name: J3399-11 Acquired: 6/18/2018 16:42:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FA6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2036554	-.015094	2.222665	-.032460	.0129319	122.7154	1.396000
Stddev	.0052199	.002209	.006535	.004729	.0013346	.2207	.001710
%RSD	2.563124	14.63453	.2939969	14.56852	10.32067	.1798078	.1224911

#1	.2019891	-.012879	2.218677	-.033709	.0136293	122.9288	1.397962
#2	.2095051	-.017297	2.219112	-.027232	.0137733	122.4882	1.395210
#3	.1994721	-.015106	2.230206	-.036439	.0113930	122.7292	1.394828

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088407	.0655503	95.67277	.1608505	.0857978	.4854206	218.9111
Stddev	.0001336	.0000551	.26745	.0070460	.0005546	.0031090	.5156
%RSD	1.511604	.0840295	.2795457	4.380500	.6464105	.6404797	.2355365

#1	.0089943	.0654883	95.80843	.1689837	.0852109	.4887410	219.2563
#2	.0087764	.0655693	95.36467	.1569680	.0863132	.4849424	218.3184
#3	.0087512	.0655934	95.84520	.1565996	.0858692	.4825783	219.1585

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.896248	51.42555	.1248435	-.001837	1.906367	.4507680	1.324041
Stddev	.017298	.06794	.0011641	.000156	.071976	.0038578	.046633
%RSD	.2933813	.1321087	.9324655	8.470418	3.775583	.8558253	3.522054

#1	5.894160	51.40026	.1239865	-.001891	1.855944	.4493376	1.377675
#2	5.880088	51.37388	.1243751	-.001958	1.988795	.4478297	1.293073
#3	5.914496	51.50250	.1261689	-.001661	1.874361	.4551367	1.301376

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	36.38300	2.031906	.3027630	.0090435	3.109717	12.97498	.0128816
Stddev	.04399	.011165	.0012130	.0001638	.014063	.07780	.0015114
%RSD	.1208978	.5494655	.4006398	1.810729	.4522128	.5996462	11.73329

#1	36.42034	2.028577	.3013684	.0088546	3.093842	13.06325	.0144246
#2	36.39414	2.022784	.3033486	.0091302	3.114699	12.91639	.0128164
#3	36.33451	2.044356	.3035722	.0091456	3.120610	12.94529	.0114039

Sample Name: J3399-11 Acquired: 6/18/2018 16:42:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FA6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.747834	.1192872	.4380638
Stddev	.009408	.0006892	.0010001
%RSD	.1981541	.5777908	.2282922

#1	4.756714	.1193461	.4391557
#2	4.737974	.1185704	.4371924
#3	4.748813	.1199451	.4378433

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2364.596	2506.018	68100.50	9418.014	3724.722
Stddev	78.836	1.389	2133.97	33.188	3.543
%RSD	3.334026	.0554240	3.133562	.3523882	.0951220

#1	2273.566	2504.438	65636.47	9381.554	3722.156
#2	2410.622	2506.571	69316.66	9446.463	3728.764
#3	2409.600	2507.046	69348.37	9426.024	3723.245

Sample Name: J3399-12 Acquired: 6/18/2018 16:46:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FA7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1850007	-.014431	1.638199	-.025755	.0122100	102.8716	1.330894
Stddev	.0014790	.001853	.004850	.001981	.0014381	1.9071	.025951
%RSD	.7994647	12.84294	.2960368	7.691880	11.77825	1.853840	1.949894

#1	.1864365	-.012986	1.643567	-.028042	.0132401	101.2709	1.307782
#2	.1850836	-.016520	1.634134	-.024555	.0105669	104.9816	1.358968
#3	.1834820	-.013785	1.636897	-.024669	.0128228	102.3624	1.325934

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077221	.0466685	165.2419	.1260561	.0784998	.4360914	187.6097
Stddev	.0002098	.0002817	2.9875	.0013318	.0004378	.0076364	3.3887
%RSD	2.717382	.6035748	1.807929	1.056479	.5576652	1.751088	1.806242

#1	.0078244	.0469886	162.8798	.1252415	.0781494	.4285768	184.9285
#2	.0078613	.0464585	168.6002	.1253339	.0789905	.4438439	191.4184
#3	.0074808	.0465584	164.2458	.1275930	.0783595	.4358533	186.4821

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.367624	56.39293	.1129596	-.003161	1.836513	.3695482	1.205563
Stddev	.097695	.82790	.0010036	.000640	.072040	.0094241	.037865
%RSD	1.820088	1.468085	.8884454	20.24818	3.922677	2.550168	3.140858

#1	5.280990	55.68591	.1137744	-.003131	1.796315	.3630840	1.162946
#2	5.473514	57.30367	.1132657	-.002536	1.919683	.3803615	1.235334
#3	5.348368	56.18921	.1118386	-.003815	1.793542	.3651991	1.218409

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.74546	2.231359	.2734491	.0110550	3.899677	8.555080	.0096444
Stddev	.63025	.011859	.0112429	.0002996	.014286	.160882	.0013686
%RSD	1.985329	.5314547	4.111516	2.710060	.3663293	1.880543	14.19031

#1	31.20319	2.226868	.2612100	.0113537	3.883943	8.703455	.0099101
#2	32.43692	2.222402	.2833178	.0110569	3.903254	8.577700	.0081624
#3	31.59626	2.244807	.2758195	.0107545	3.911835	8.384085	.0108606

Sample Name: J3399-12 Acquired: 6/18/2018 16:46:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FA7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.015219	.1142852	.5566258
Stddev	.078125	.0028958	.0115983
%RSD	1.945722	2.533815	2.083676

#1	3.950527	.1117163	.5466291
#2	4.102014	.1174233	.5693423
#3	3.993116	.1137160	.5539059

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2326.852	2425.619	67031.78	9018.776	3627.236
Stddev	4.669	8.893	41.64	187.618	11.429
%RSD	.2006507	.3666264	.0621145	2.080307	.3150851

#1	2322.246	2415.851	66993.53	8835.983	3614.270
#2	2326.727	2427.761	67076.13	9009.472	3635.850
#3	2331.581	2433.246	67025.68	9210.873	3631.587

Sample Name: J3399-13 Acquired: 6/18/2018 16:50:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FA8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1741814	-.013860	.8715664	-.023240	.0061271	97.57676	1.276014
Stddev	.0018241	.003524	.0021937	.007819	.0005509	.10995	.000931
%RSD	1.047214	25.42266	.2516988	33.64257	8.991297	.1126801	.0729610

#1	.1732190	-.016776	.8738545	-.025003	.0064978	97.54889	1.276025
#2	.1730400	-.009945	.8694812	-.014690	.0054941	97.48343	1.275078
#3	.1762851	-.014858	.8713635	-.030026	.0063895	97.69797	1.276939

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072162	.0225094	564.3400	.0978627	.0615020	.2914111	151.2709
Stddev	.0001379	.0000329	.3327	.0005050	.0001116	.0027470	.2065
%RSD	1.910725	.1460500	.0589590	.5160484	.1814235	.9426573	.1364803

#1	.0072727	.0224727	564.0589	.0981990	.0614106	.2945747	151.3337
#2	.0070590	.0225363	564.2537	.0972820	.0616263	.2896300	151.0403
#3	.0073169	.0225191	564.7074	.0981072	.0614691	.2900287	151.4386

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.637914	97.63257	.0890476	-.004913	2.423633	.3021147	.9742397
Stddev	.010330	.14928	.0001330	.000441	.179459	.0053264	.0062477
%RSD	.2227187	.1529037	.1493546	8.967895	7.404542	1.763048	.6412896

#1	4.649136	97.61725	.0891544	-.004446	2.223552	.3045898	.9793585
#2	4.628804	97.78892	.0888986	-.005321	2.476971	.3057532	.9672778
#3	4.635801	97.49153	.0890898	-.004972	2.570376	.2960010	.9760829

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.05263	2.122304	.2862806	.0062689	11.92361	7.176847	.0047110
Stddev	.03784	.009842	.0019029	.0002393	.05224	.022787	.0008350
%RSD	.1302323	.4637296	.6646937	3.817789	.4381492	.3175113	17.72530

#1	29.07099	2.111528	.2877514	.0061416	11.90645	7.161875	.0050378
#2	29.00912	2.124567	.2841315	.0065449	11.88211	7.203072	.0037620
#3	29.07778	2.130817	.2869589	.0061200	11.98227	7.165594	.0053333

Sample Name: J3399-13 Acquired: 6/18/2018 16:50:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FA8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.325959	.1723094	1.282652
Stddev	.008097	.0003166	.001398
%RSD	.2434362	.1837360	.1089620

#1	3.317399	.1723947	1.281442
#2	3.333495	.1719589	1.282332
#3	3.326984	.1725746	1.284182

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2206.741	2297.291	63975.08	8904.326	3397.326
Stddev	5.176	2.863	74.35	13.393	4.560
%RSD	.2345576	.1246394	.1162171	.1504086	.1342356

#1	2200.795	2294.915	63895.74	8891.512	3394.927
#2	2210.239	2300.470	64043.16	8903.234	3402.585
#3	2209.189	2296.488	63986.35	8918.231	3394.466

Sample Name: J3399-14 Acquired: 6/18/2018 16:54:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FA9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1921527	-.011642	1.725405	-.028929	.0088842	98.18251	1.361874
Stddev	.0051160	.002929	.011152	.002594	.0020407	.08665	.004157
%RSD	2.662471	25.16071	.6463193	8.965781	22.96981	.0882588	.3052130

#1	.1864727	-.013217	1.736151	-.031588	.0102770	98.27792	1.364744
#2	.1963988	-.013446	1.713888	-.026406	.0098339	98.10870	1.363770
#3	.1935865	-.008262	1.726176	-.028793	.0065418	98.16090	1.357107

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075880	.0472794	209.1065	.1186385	.0775309	.4442057	184.0530
Stddev	.0000949	.0005437	.7020	.0006106	.0003779	.0025041	.3901
%RSD	1.250309	1.149907	.3357220	.5146468	.4873494	.5637213	.2119367

#1	.0075657	.0477682	208.9734	.1193435	.0778804	.4468898	183.9376
#2	.0075062	.0466939	208.4806	.1182822	.0771300	.4419325	183.7336
#3	.0076920	.0473763	209.8656	.1182899	.0775825	.4437948	184.4878

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.089444	60.75741	.1156866	-.001519	1.703413	.3617735	1.309018
Stddev	.029423	.25314	.0008200	.000559	.095610	.0051336	.010676
%RSD	.5781094	.4166450	.7088364	36.81749	5.612821	1.419008	.8155893

#1	5.091383	60.46520	.1166141	-.001836	1.695071	.3563035	1.319175
#2	5.059100	60.89706	.1150579	-.000873	1.802920	.3664866	1.309989
#3	5.117850	60.90996	.1153877	-.001849	1.612248	.3625306	1.297889

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.84627	2.215232	.2557475	.0088241	3.324917	7.117751	.0079577
Stddev	.15119	.018529	.0005464	.0003900	.023863	.021717	.0004149
%RSD	.5429626	.8364272	.2136303	4.419855	.7177109	.3051159	5.213951

#1	27.98354	2.228191	.2552938	.0090352	3.346509	7.141726	.0076103
#2	27.87105	2.194010	.2555947	.0090631	3.299295	7.099396	.0078456
#3	27.68421	2.223496	.2563540	.0083741	3.328946	7.112130	.0084171

Sample Name: J3399-14 Acquired: 6/18/2018 16:54:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FA9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.572468	.1184403	.6047453
Stddev	.002359	.0008935	.0014343
%RSD	.0660327	.7543638	.2371778

#1	3.571002	.1178131	.6052434
#2	3.575189	.1180444	.6058641
#3	3.571213	.1194633	.6031283

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2372.246	2445.606	68579.83	9330.962	3649.058
Stddev	6.119	11.736	101.50	36.135	21.883
%RSD	.2579428	.4798836	.1479972	.3872617	.5996806

#1	2367.178	2432.996	68568.80	9289.968	3624.780
#2	2370.515	2456.209	68686.39	9358.195	3667.262
#3	2379.043	2447.613	68484.30	9344.723	3655.130

Sample Name: J3399-15 Acquired: 6/18/2018 16:58:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FB0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1466009	-.016126	1.510484	-.030222	.0084008	92.22122	1.398876
Stddev	.0053534	.001855	.002385	.001683	.0013120	2.63768	.039218
%RSD	3.651663	11.50253	.1578890	5.569818	15.61703	2.860167	2.803553

#1	.1445179	-.018222	1.507969	-.029859	.0094699	89.18709	1.354095
#2	.1526827	-.015457	1.510768	-.028750	.0069367	93.50830	1.415432
#3	.1426022	-.014698	1.512714	-.032057	.0087957	93.96827	1.427101

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069202	.0382363	187.0640	.1249425	.0769630	.4597762	182.4555
Stddev	.0001536	.0003145	4.9408	.0000853	.0007125	.0135043	4.4640
%RSD	2.219017	.8224856	2.641234	.0682390	.9257018	2.937146	2.446607

#1	.0067485	.0380863	181.3690	.1249429	.0768180	.4451254	177.3010
#2	.0069680	.0385977	189.6172	.1248571	.0777368	.4624776	185.0206
#3	.0070442	.0380250	190.2059	.1250276	.0763342	.4717257	185.0449

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.978423	60.18479	.1055967	-.001430	2.138304	.3724767	1.861975
Stddev	.153554	1.44517	.0006300	.000159	.102481	.0102882	.027743
%RSD	2.568475	2.401215	.5966514	11.09980	4.792611	2.762110	1.489994

#1	5.801130	58.52304	.1051570	-.001351	2.056301	.3643679	1.836685
#2	6.069146	60.88356	.1063185	-.001326	2.253190	.3840499	1.891649
#3	6.064992	61.14776	.1053145	-.001612	2.105421	.3690122	1.857589

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.22062	2.829195	.2727986	.0080484	5.460052	23.43871	.0138791
Stddev	.87496	.036019	.0080111	.0002448	.062375	.44807	.0012908
%RSD	2.994319	1.273119	2.936647	3.041262	1.142387	1.911656	9.300639

#1	28.21341	2.806785	.2636665	.0077661	5.428549	22.92135	.0125288
#2	29.65562	2.870743	.2760869	.0082009	5.531896	23.69259	.0140076
#3	29.79283	2.810057	.2786423	.0081783	5.419712	23.70218	.0151009

Sample Name: J3399-15 Acquired: 6/18/2018 16:58:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FB0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.363319	.1224096	.6647930
Stddev	.127195	.0031515	.0192676
%RSD	2.915094	2.574545	2.898280

#1	4.217724	.1188633	.6427517
#2	4.419379	.1234762	.6731916
#3	4.452854	.1248894	.6784356

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2343.343	2418.507	67681.53	9430.988	3648.505
Stddev	21.844	6.924	445.74	186.665	9.428
%RSD	.9321881	.2862868	.6585905	1.979268	.2584049

#1	2368.303	2426.497	68128.42	9645.413	3657.656
#2	2334.016	2414.772	67679.21	9342.754	3638.822
#3	2327.711	2414.253	67236.94	9304.797	3649.036

Sample Name: J3399-16 Acquired: 6/18/2018 17:02:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FB1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2286349	-.010871	1.948973	-.025986	.0142324	88.14305	1.503958
Stddev	.0052707	.003408	.013285	.006317	.0033720	.07384	.001699
%RSD	2.305308	31.34656	.6816401	24.30945	23.69212	.0837709	.1129934

#1	.2347185	-.014626	1.937289	-.028755	.0141050	88.22366	1.503198
#2	.2254409	-.007975	1.946207	-.030446	.0176663	88.12679	1.502772
#3	.2257453	-.010012	1.963423	-.018757	.0109260	88.07869	1.505905

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069215	.0572220	245.3448	.1221097	.0785165	.6563376	180.2573
Stddev	.0000900	.0002548	1.1800	.0005943	.0006174	.0032300	.8102
%RSD	1.300972	.4452905	.4809489	.4867065	.7863806	.4921204	.4494867

#1	.0068182	.0571113	246.6146	.1227427	.0782685	.6570126	181.1233
#2	.0069834	.0570413	245.1376	.1215637	.0780617	.6591767	180.1310
#3	.0069628	.0575135	244.2821	.1220226	.0792194	.6528235	179.5177

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.532640	60.94521	.1076320	.0001901	3.117733	.3789844	3.151522
Stddev	.021502	.22450	.0003953	.0004901	.136672	.0045254	.054218
%RSD	.3886406	.3683573	.3672718	257.7560	4.383709	1.194081	1.720378

#1	5.556973	61.19530	.1071780	.0003793	2.959949	.3813467	3.208165
#2	5.524749	60.87923	.1079001	-.000366	3.193881	.3818398	3.146293
#3	5.516198	60.76110	.1078180	.000557	3.199369	.3737667	3.100108

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.03529	3.542944	.2869583	.0104964	16.10053	11.26514	.0080957
Stddev	.02548	.031090	.0035194	.0001835	.14091	.07080	.0016341
%RSD	.0669861	.8775057	1.226457	1.748084	.8751894	.6284873	20.18524

#1	38.06469	3.527633	.2909633	.0104629	16.03797	11.18844	.0095584
#2	38.02153	3.522480	.2843588	.0106944	16.00173	11.32800	.0063320
#3	38.01965	3.578720	.2855529	.0103320	16.26189	11.27897	.0083967

Sample Name: J3399-16 Acquired: 6/18/2018 17:02:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FB1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.576237	.1199731	.7846267
Stddev	.012248	.0004158	.0001715
%RSD	.3424766	.3465674	.0218580

#1	3.582726	.1194987	.7844468
#2	3.583875	.1202744	.7847883
#3	3.562110	.1201461	.7846452

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2279.627	2370.050	65914.37	9062.397	3562.704
Stddev	32.423	13.718	620.47	28.043	19.362
%RSD	1.422279	.5788076	.9413295	.3094490	.5434698

#1	2242.428	2376.350	65205.54	9049.112	3572.145
#2	2294.565	2379.486	66178.46	9043.464	3575.534
#3	2301.888	2354.313	66359.11	9094.614	3540.432

Sample Name: CCV029 Acquired: 6/18/2018 17:22:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV029 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.869726	4.582553	23.60387	4.827752	4.822069	392.5271
Stddev	.045256	.049892	.18438	.041056	.042105	.7898
%RSD	.9293420	1.088745	.7811587	.8504139	.8731635	.2012162

#1	4.920769	4.639677	23.81267	4.871884	4.868720	393.2633
#2	4.853909	4.547520	23.46342	4.790690	4.786886	391.6928
#3	4.834502	4.560462	23.53553	4.820684	4.810602	392.6253

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.682685	.5074669	2.409722	426.6682	14.93480	2.447617
Stddev	.029462	.0032139	.020833	.6961	.23345	.025384
%RSD	.3042742	.6333157	.8645468	.1631429	1.563160	1.037101

#1	9.711594	.5056160	2.433047	425.9947	14.78354	2.475801
#2	9.652699	.5056067	2.392961	426.6251	14.81720	2.426554
#3	9.683763	.5111779	2.403159	427.3849	15.20367	2.440494

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.74943	414.8878	15.84470	413.7322	2.344105	1.366424
Stddev	.04459	.6449	.01629	.1014	.017080	.019930
%RSD	.3023337	.1554408	.1027908	.0245135	.7286320	1.458543

#1	14.78608	414.2449	15.83256	413.6166	2.362470	1.351021
#2	14.69978	414.8837	15.83833	413.8061	2.328696	1.359318
#3	14.76242	415.5347	15.86321	413.7739	2.341148	1.388933

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	393.1069	2.598319	15.38918	150.4810	F 2.364476	5.425265
Stddev	.6399	.004013	.13728	.4141	.019482	.025003
%RSD	.1627909	.1544302	.8920497	.2751617	.8239443	.4608669

#1	393.4286	2.596684	15.29006	150.7123	2.385613	5.409217
#2	392.3700	2.602892	15.33160	150.0029	2.347239	5.412504
#3	393.5222	2.595383	15.54587	150.7276	2.360576	5.454074

Sample Name: CCV029 Acquired: 6/18/2018 17:22:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV029 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.816966	4.838746	5.039401	4.799919	5.118834	4.888836
Stddev	.041763	.058856	.028738	.041826	.004852	.018990
%RSD	.8670005	1.216348	.5702697	.8713939	.0947813	.3884414

#1	4.863836	4.905006	5.021969	4.847472	5.123134	4.904884
#2	4.783703	4.792529	5.023664	4.768828	5.113574	4.867871
#3	4.803359	4.818704	5.072571	4.783459	5.119795	4.893754

Elem	Sr4077
Units	ppm
Avg	4.985260
Stddev	.023779
%RSD	.4769927

#1	5.011913
#2	4.977651
#3	4.966217

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1884.774	1941.184	55962.47	7921.418	3078.069
Stddev	19.491	15.494	648.92	16.109	26.179
%RSD	1.034115	.7981723	1.159555	.2033620	.8504871

#1	1894.843	1923.708	56340.03	7922.550	3048.311
#2	1897.170	1953.238	56334.20	7936.931	3097.547
#3	1862.308	1946.607	55213.17	7904.772	3088.350

Sample Name: CCB029 Acquired: 6/18/2018 17:25:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB029 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001562	-.001234	-.001695	.0013059	.0006955	.0063490	-.002404
Stddev	.005184	.000616	.000498	.0007643	.0005491	.0063329	.000925
%RSD	332.0008	49.89058	29.36115	58.52765	78.95365	99.74532	38.48107

#1	-.002989	-.000887	-.002225	.0004929	.0007724	.0109372	-.003295
#2	.004187	-.001945	-.001237	.0014150	.0012022	.0089861	-.001448
#3	-.005883	-.000871	-.001623	.0020097	.0001120	-.000876	-.002468

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000027	-.000019	.0127996	.0000525	-.000210	-.000036	.0208562
Stddev	.000027	.000049	.0101071	.0001636	.000243	.002445	.0196173
%RSD	102.6046	262.4901	78.96457	311.7016	116.1831	6841.106	94.05990

#1	-.000055	.000038	.0017783	-.000134	-.000448	-.000810	.0426906
#2	-.000001	-.000052	.0216348	.000122	.000038	.002703	.0151625
#3	-.000024	-.000041	.0149856	.000170	-.000219	-.002000	.0047156

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015035	.0295569	.0000804	-.000186	-.085599	.0026756	.0053006
Stddev	.0010227	.0278511	.0001195	.000363	.245079	.0022355	.0114144
%RSD	68.01946	94.22868	148.6112	195.5701	286.3118	83.55006	215.3406

#1	.0005610	.0384071	-.000044	.000019	.167465	.0045406	-.005488
#2	.0025909	-.001644	.000194	-.000604	-.102435	.0032887	.004138
#3	.0013586	.051907	.000091	.000029	-.321826	.0001976	.017252

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.104031	.0010545	.0070332	.0001002	-.002071	.0015610	-.000737
Stddev	.002045	.0008176	.0011743	.0001778	.002526	.0010602	.001107
%RSD	1.965365	77.53373	16.69708	177.4265	121.9746	67.91623	150.1683

#1	-.102049	.0016587	.0057832	.0001988	-.000935	.0019250	-.000293
#2	-.106133	.0001242	.0081134	.0002069	-.004965	.0003668	.000079
#3	-.103909	.0013805	.0072030	-.000105	-.000312	.0023913	-.001998

Sample Name: CCB029 Acquired: 6/18/2018 17:25:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v571) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB029 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008598	-.000227	.0001168
Stddev	.0004821	.000709	.0000194
%RSD	56.06530	311.9050	16.60559

#1	.0005437	-.000835	.0001043
#2	.0014147	-.000398	.0001391
#3	.0006211	.000551	.0001069

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2273.580	2358.136	65044.33	8587.717	4140.207
Stddev	6.672	28.203	258.22	15.796	48.253
%RSD	.2934364	1.195985	.3969968	.1839337	1.165472

#1	2276.384	2333.339	64931.07	8572.520	4098.038
#2	2265.964	2388.817	64862.10	8586.580	4192.831
#3	2278.392	2352.253	65339.83	8604.050	4129.754