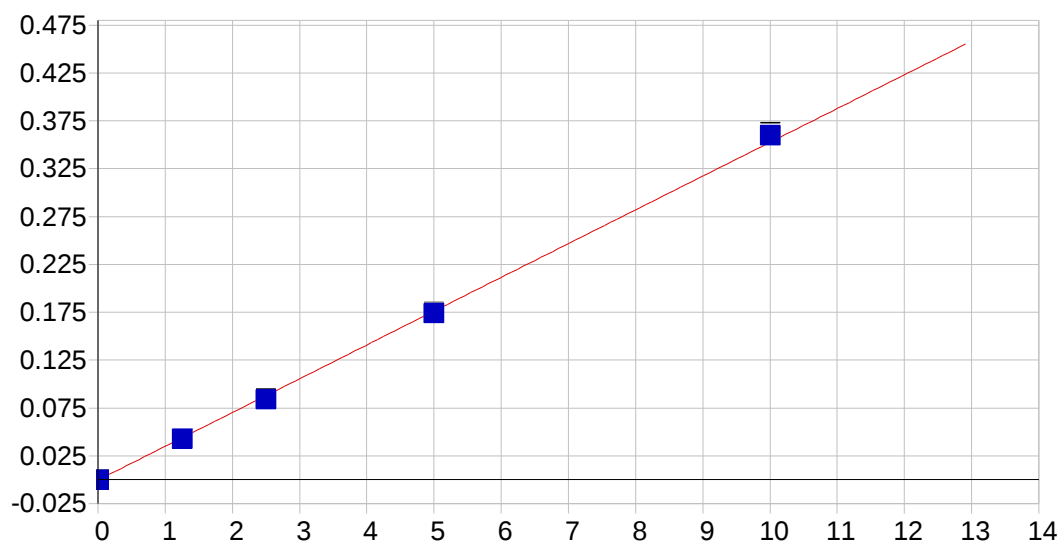


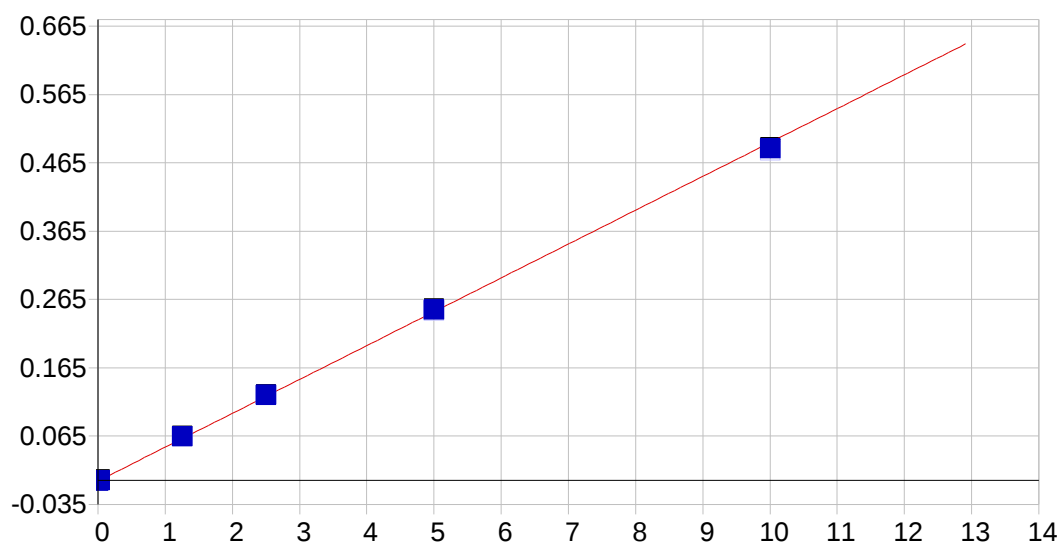


As 189.042 {479}

Date of Fit: 8/13/2018 14:51:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000330 Re-Slope: 1.000000
 A1 (Gain): 0.035293 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999687 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.004496
 Predicted MQL: 0.014988

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00033	.000	1
S1	.01000	.00650	-.004	-35.0	-.00010	.000	1
S2	1.2500	1.2244	-.026	-2.05	.04299	.000	1
S3	2.5000	2.3855	-.115	-4.58	.08407	.001	1
S4	5.0000	4.9411	-.059	-1.18	.17447	.001	1
S5	10.000	10.203	.203	2.03	.36058	.002	1



TI 190.856 {477}

Date of Fit: 8/13/2018 14:51:13

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000682

Re-Slope: 1.000000

A1 (Gain): 0.049573

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999767

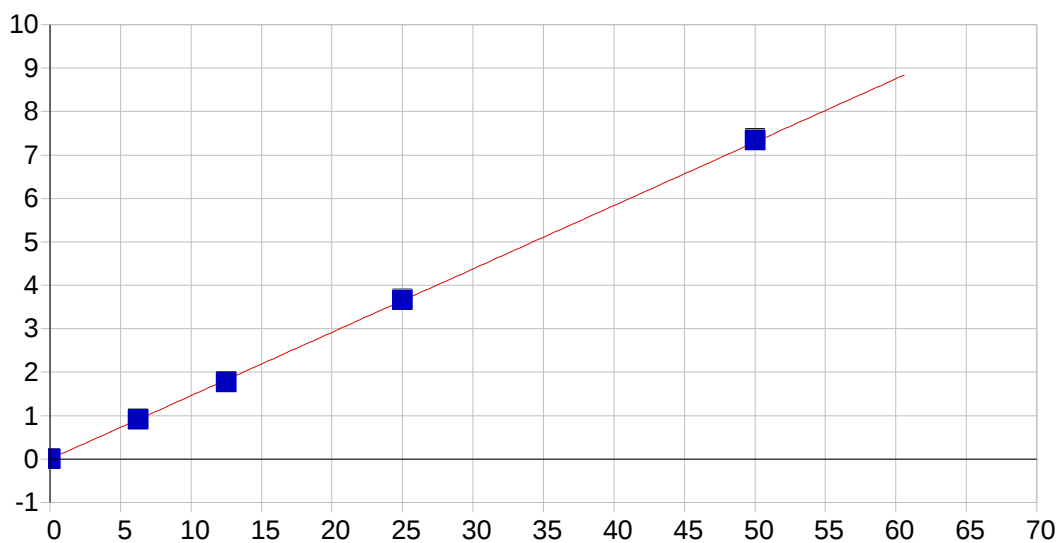
Status: OK.

Std Error of Est: 0.000028

Predicted MDL: 0.002966

Predicted MQL: 0.009885

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00068	.000	1
S1	.02500	.02654	.002	6.16	.00062	.000	1
S2	1.2500	1.3206	.071	5.65	.06441	.001	1
S3	2.5000	2.5463	.046	1.85	.12480	.000	1
S4	5.0000	5.0568	.057	1.14	.24850	.002	1
S5	10.000	9.8247	-.175	-1.75	.48336	.002	1

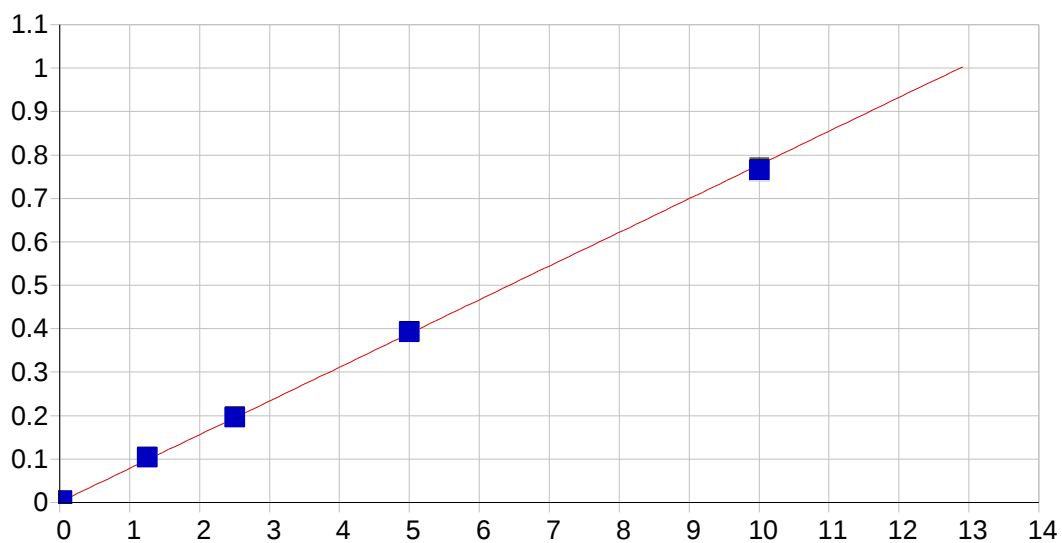


Pb 220.353 {453}

Date of Fit: 8/13/2018 14:51:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000167 Re-Slope: 1.000000
 A1 (Gain): 0.145901 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929 Status: OK.
 Std Error of Est: 0.000065
 Predicted MDL: 0.002322
 Predicted MQL: 0.007740

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00017	.001	1
S1	.01000	.01169	.002	16.9	.00188	.000	1
S2	6.2500	6.2568	.007	.110	.91431	.004	1
S3	12.500	12.126	-.374	-2.99	1.7719	.002	1
S4	25.000	25.105	.105	.421	3.6681	.016	1
S5	50.000	50.260	.260	.520	7.3433	.034	1

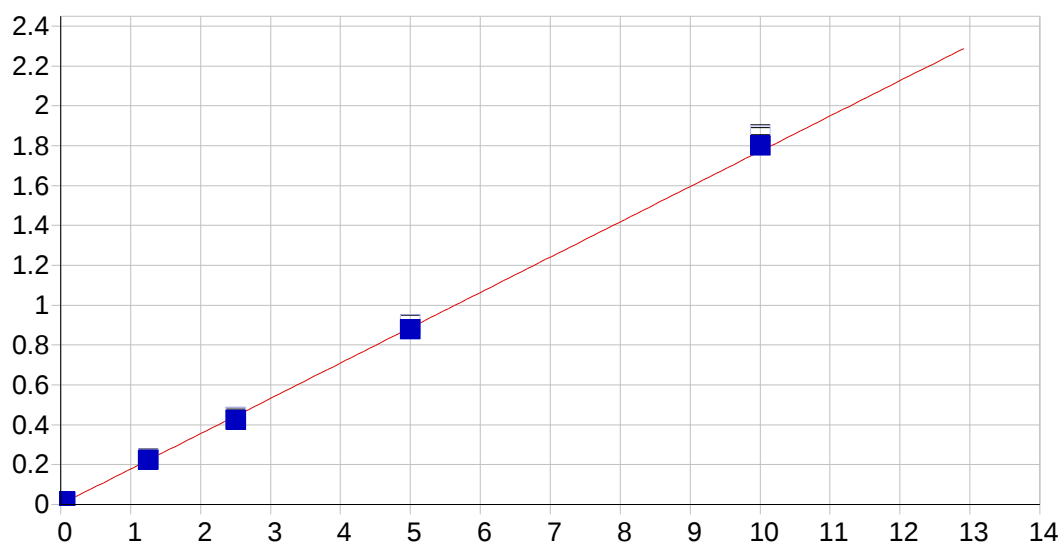


Se 196.090 {472}

Date of Fit: 8/13/2018 14:51:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000812 Re-Slope: 1.000000
 A1 (Gain): 0.077637 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999791 Status: OK.
 Std Error of Est: 0.000050
 Predicted MDL: 0.003278
 Predicted MQL: 0.010928

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00081	.000	1
S1	.03500	.03986	.005	13.9	.00390	.000	1
S2	1.2500	1.3214	.071	5.71	.10295	.001	1
S3	2.5000	2.5190	.019	.759	.19547	.001	1
S4	5.0000	5.0555	.056	1.11	.39149	.001	1
S5	10.000	9.8492	-.151	-1.51	.76183	.005	1

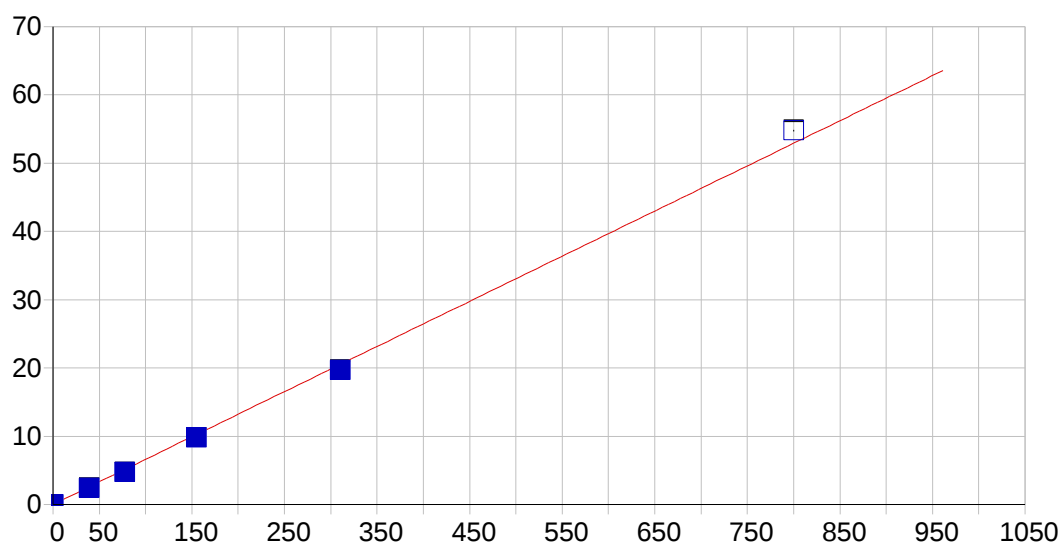


Sb 206.833 {463}

Date of Fit: 8/13/2018 14:51:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001231 Re-Slope: 1.000000
 A1 (Gain): 0.177121 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999790 Status: OK.
 Std Error of Est: 0.000153
 Predicted MDL: 0.001860
 Predicted MQL: 0.006199

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00123	.000	1
S1	.06000	.06492	.005	8.19	.01273	.000	1
S2	1.2500	1.2477	-.002	-.185	.22825	.001	1
S3	2.5000	2.3889	-.111	-4.45	.43641	.001	1
S4	5.0000	4.9509	-.049	-.981	.90227	.001	1
S5	10.000	10.158	.158	1.58	1.8486	.006	1

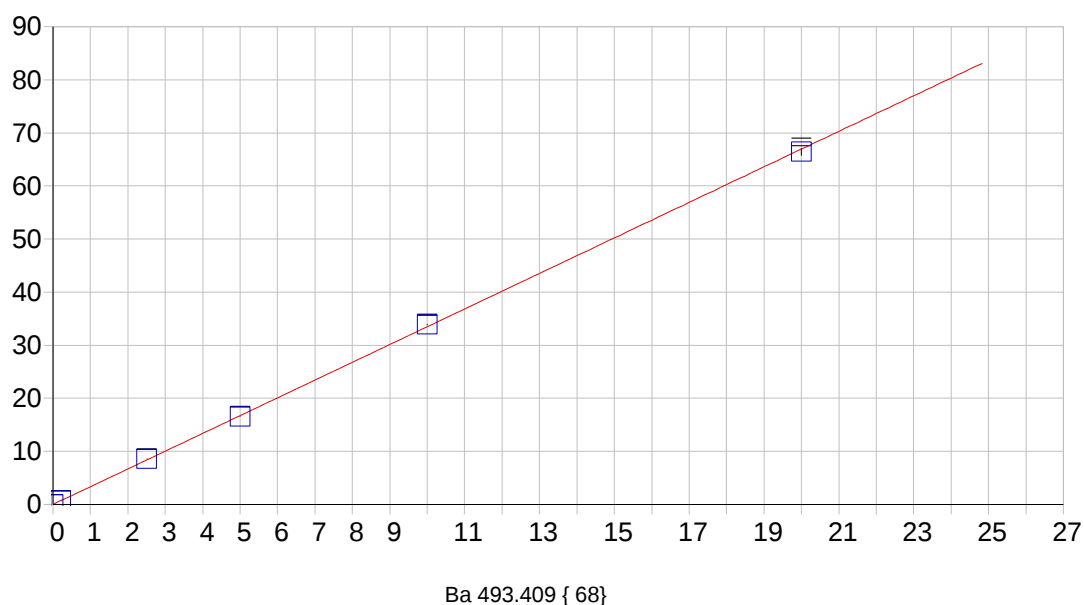


AI 396.152 { 85}

Date of Fit: 8/13/2018 14:55:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004345 Re-Slope: 1.000000
 A1 (Gain): 0.066137 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999118 Status: OK.
 Std Error of Est: 0.001728
 Predicted MDL: 0.018048
 Predicted MQL: 0.060159

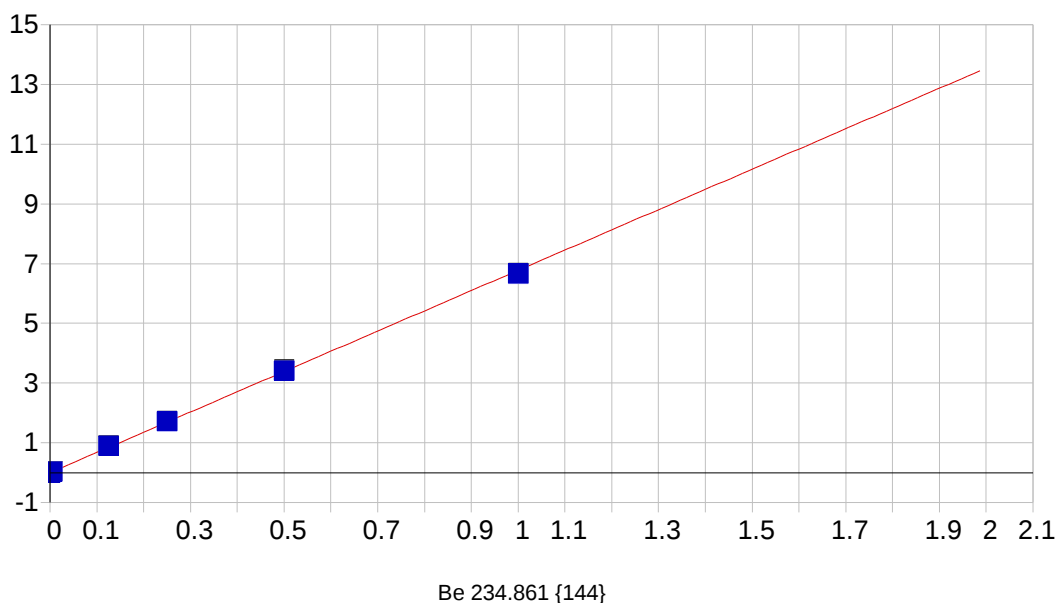
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00435	.002	1
S1	.20000	.19911	-.001	-.446	.01753	.000	1
S2	38.750	36.941	-1.81	-4.67	2.4499	.004	1
S3	77.500	71.240	-6.26	-8.08	4.7207	.023	1
S4	155.00	147.70	-7.30	-4.71	9.7820	.022	1
S5	310.00	297.30	-12.7	-4.10	19.686	.105	1
S6	800.00	828.10	28.1	3.51	54.772	.118	1



Date of Fit: 8/13/2018 14:51:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.010866 Re-Slope: 1.000000
 A1 (Gain): 3.346826 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999919 Status: OK.
 Std Error of Est: 0.004527
 Predicted MDL: 0.000834
 Predicted MQL: 0.002781

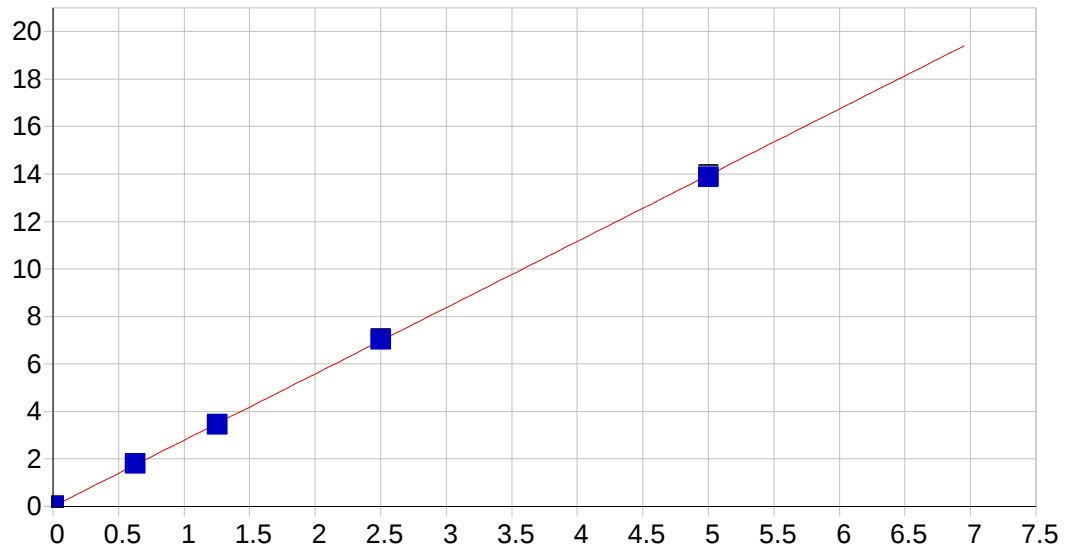
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.01080	.002	1
S1	.20000	.21683	.017	8.41	.73656	.001	1
S2	2.5000	2.5655	.065	2.62	8.5970	.003	1
S3	5.0000	4.9462	-.054	-1.08	16.565	.043	1
S4	10.000	10.116	.116	1.16	33.868	.077	1
S5	20.000	19.855	-.145	-.723	66.463	.727	1



Date of Fit: 8/13/2018 14:51:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002314	Re-Slope: 1.000000
A1 (Gain):	6.775614	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999743	Status: OK.
Std Error of Est:	0.000574	
Predicted MDL:	0.000077	
Predicted MQL:	0.000256	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00232	.000	1
S1	.00500	.00589	.001	17.7	.03754	.000	1
S2	.12500	.13250	.008	6.00	.89177	.002	1
S3	.25000	.25342	.003	1.37	1.7073	.005	1
S4	.50000	.50442	.004	.884	3.4006	.032	1
S5	1.0000	.98377	-.016	-1.62	6.6337	.010	1

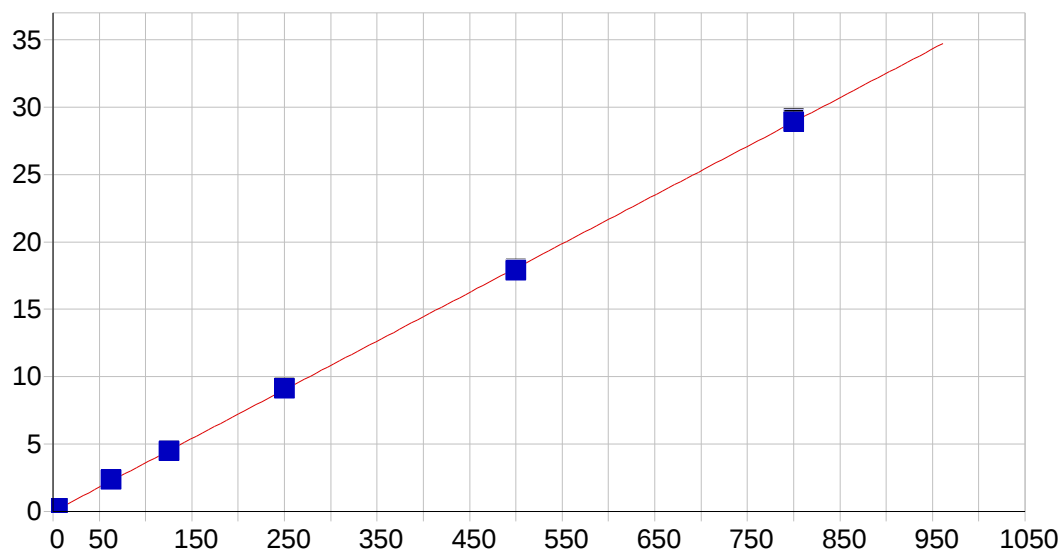


Cd 214.438 {457}

Date of Fit: 8/13/2018 14:51:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001381 Re-Slope: 1.000000
 A1 (Gain): 2.790221 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999951 Status: OK.
 Std Error of Est: 0.000233
 Predicted MDL: 0.000097
 Predicted MQL: 0.000323

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00138	.000	1
S1	.00500	.00561	.001	12.3	.01705	.000	1
S2	.62500	.64177	.017	2.68	1.7956	.009	1
S3	1.2500	1.2364	-.014	-1.09	3.4585	.009	1
S4	2.5000	2.5193	.019	.774	7.0453	.035	1
S5	5.0000	4.9768	-.023	-.463	13.917	.061	1

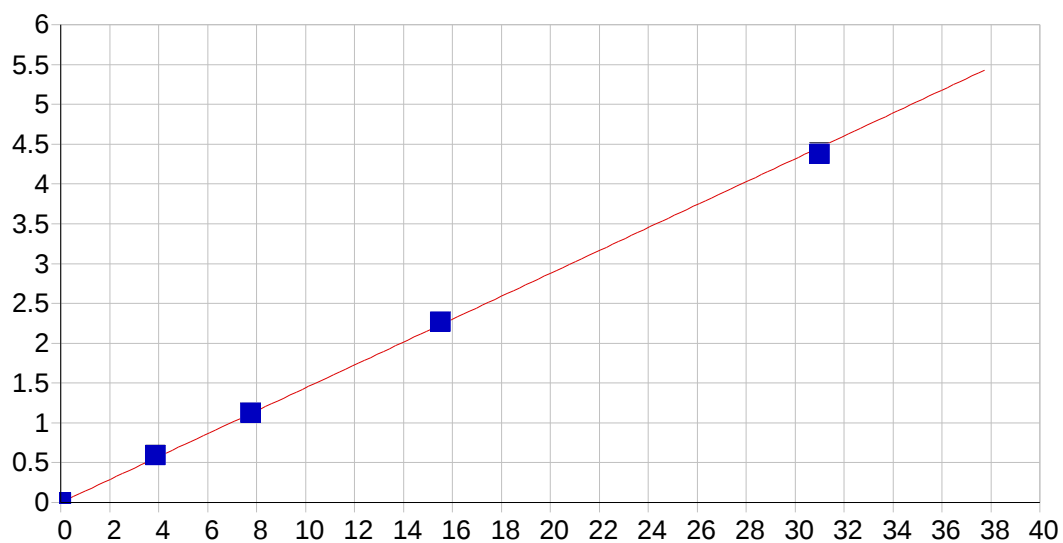


Ca 373.690 { 90}

Date of Fit: 8/13/2018 14:55:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001741 Re-Slope: 1.000000
 A1 (Gain): 0.036117 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999946 Status: OK.
 Std Error of Est: 0.001314
 Predicted MDL: 0.024539
 Predicted MQL: 0.081796

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00050	.000	.000	.00172	.000	1
S1	5.0000	5.3205	.320	6.41	.19392	.001	1
S2	62.500	65.046	2.55	4.07	2.3590	.001	1
S3	125.00	124.43	-.572	-.457	4.5118	.008	1
S4	250.00	251.98	1.98	.791	9.1346	.025	1
S5	500.00	495.19	-4.81	-.963	17.951	.027	1
S6	800.00	800.54	.541	.068	29.086	.060	1

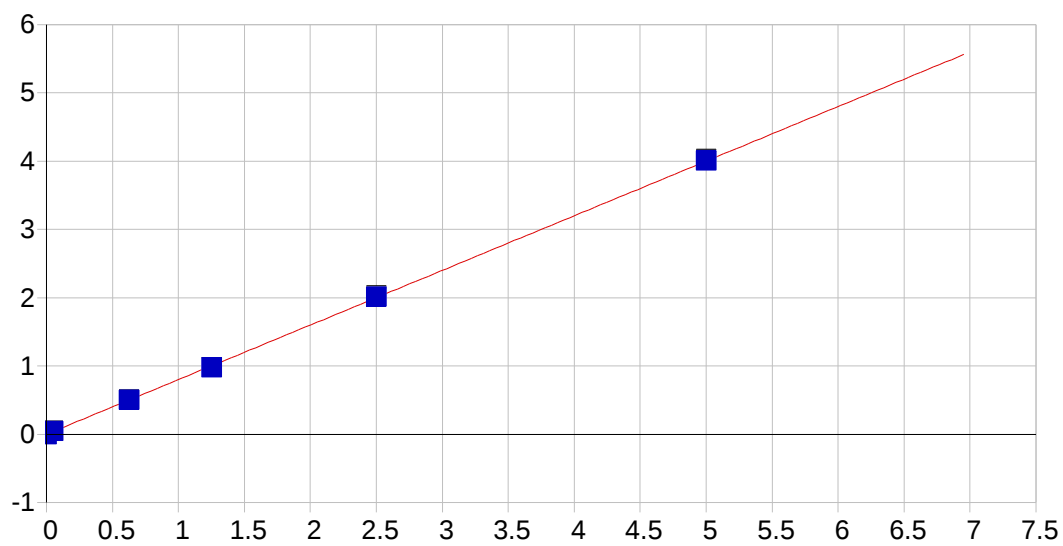


Cr 267.716 {126}

Date of Fit: 8/13/2018 14:51:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000109 Re-Slope: 1.000000
 A1 (Gain): 0.143828 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999749 Status: OK.
 Std Error of Est: 0.000095
 Predicted MDL: 0.000639
 Predicted MQL: 0.002131

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00011	.000	1
S1	.01000	.01172	.002	17.2	.00180	.000	1
S2	3.8750	4.1036	.229	5.90	.59130	.001	1
S3	7.7500	7.8269	.077	.992	1.1278	.000	1
S4	15.500	15.761	.261	1.68	2.2709	.003	1
S5	31.000	30.432	-.568	-1.83	4.3850	.011	1

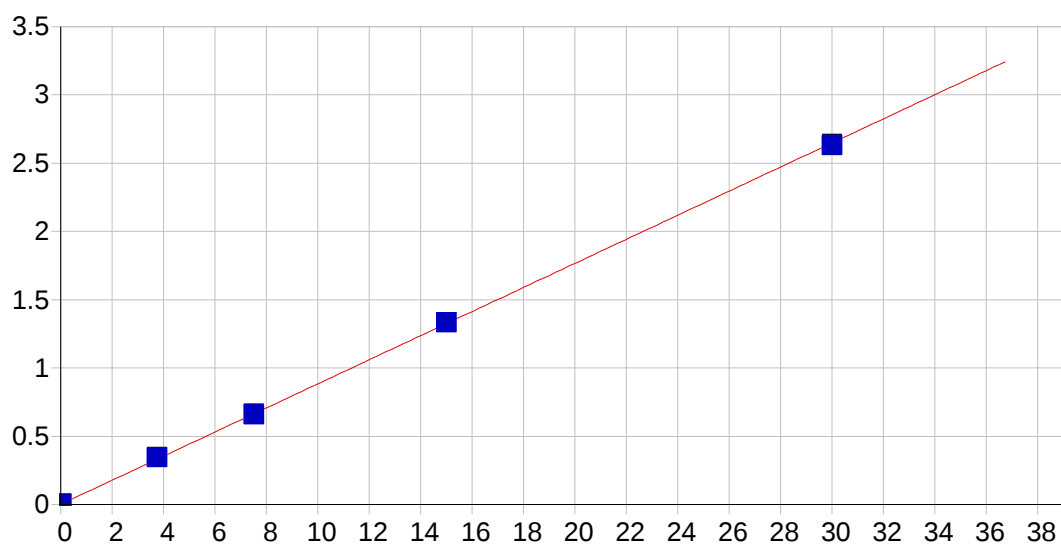


Co 228.616 {448}

Date of Fit: 8/13/2018 14:51:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000324 Re-Slope: 1.000000
 A1 (Gain): 0.800259 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953 Status: OK.
 Std Error of Est: 0.000207
 Predicted MDL: 0.000328
 Predicted MQL: 0.001094

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00033	.000	1
S1	.05000	.05248	.002	4.97	.04182	.000	1
S2	.62500	.62955	.005	.728	.50447	.003	1
S3	1.2500	1.2215	-.029	-2.28	.97917	.002	1
S4	2.5000	2.5137	.014	.548	2.0153	.011	1
S5	5.0000	5.0078	.008	.155	4.0151	.018	1

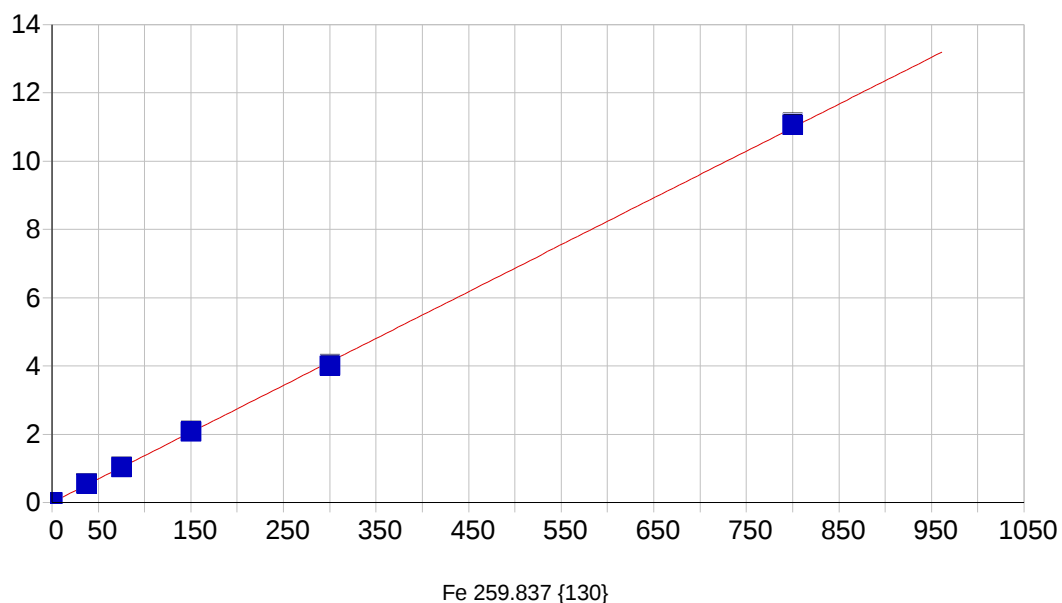


Cu 324.754 {104}

Date of Fit: 8/13/2018 14:51:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001323 Re-Slope: 1.000000
 A1 (Gain): 0.088237 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999923 Status: OK.
 Std Error of Est: 0.000050
 Predicted MDL: 0.006124
 Predicted MQL: 0.020412

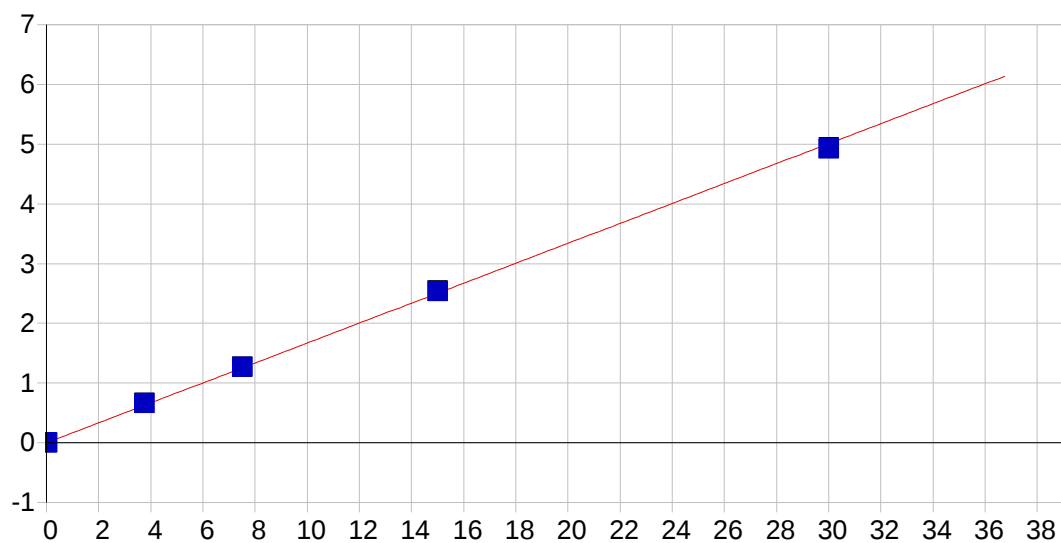
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00132	.001	1
S1	.02500	.02716	.002	8.64	.00371	.000	1
S2	3.7500	3.9041	.154	4.11	.34560	.001	1
S3	7.5000	7.4547	-.045	-.604	.65869	.003	1
S4	15.000	15.091	.091	.605	1.3321	.001	1
S5	30.000	29.798	-.202	-.672	2.6290	.009	1



Date of Fit: 8/13/2018 14:55:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000352	Re-Slope: 1.000000
A1 (Gain):	0.013729	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999874	Status: OK.
Std Error of Est:	0.000095	
Predicted MDL:	0.020987	
Predicted MQL:	0.069956	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00035	.000	1
S1	.10000	.09258	-.007	-7.42	.00165	.000	1
S2	37.500	39.270	1.77	4.72	.54223	.002	1
S3	75.000	75.202	.202	.269	1.0383	.002	1
S4	150.00	150.80	.804	.536	2.0817	.014	1
S5	300.00	291.86	-8.14	-2.71	4.0292	.014	1
S6	800.00	805.38	5.38	.672	11.107	.023	1



Mn 257.610 {131}

Date of Fit: 8/13/2018 14:51:13

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000076

Re-Slope: 1.000000

A1 (Gain): 0.166959

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999779

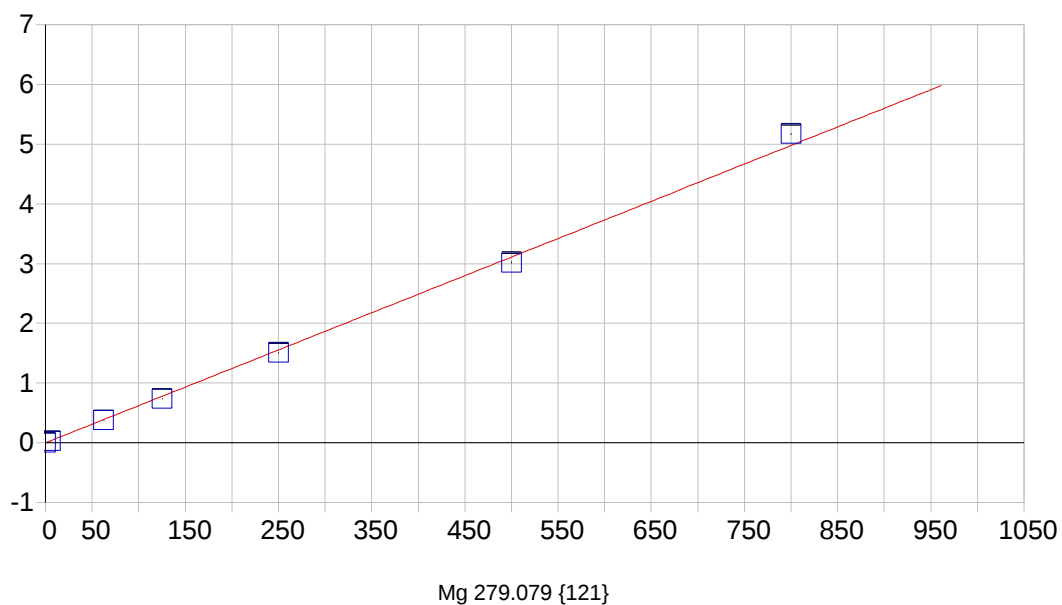
Status: OK.

Std Error of Est: 0.000125

Predicted MDL: 0.001530

Predicted MQL: 0.005099

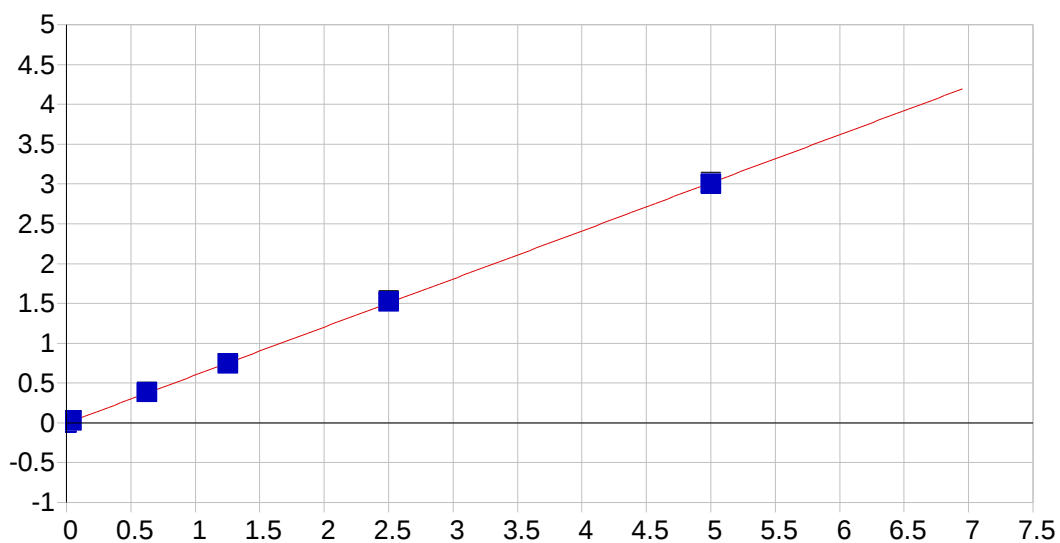
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00008	.000	1
S1	.01500	.01833	.003	22.2	.00298	.000	1
S2	3.7500	3.9651	.215	5.74	.66208	.001	1
S3	7.5000	7.5835	.084	1.11	1.2664	.002	1
S4	15.000	15.197	.197	1.31	2.5378	.009	1
S5	30.000	29.501	-.499	-1.66	4.9266	.017	1



Date of Fit: 8/13/2018 14:55:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000401 Re-Slope: 1.000000
 A1 (Gain): 0.006221 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999332 Status: OK.
 Std Error of Est: 0.000794
 Predicted MDL: 0.058307
 Predicted MQL: 0.194355

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00031	.000	.000	-.00040	.000	1
S1	5.0000	5.1982	.198	3.96	.03194	.000	1
S2	62.500	60.980	-1.52	-2.43	.37898	.001	1
S3	125.00	117.94	-7.06	-5.64	.73339	.002	1
S4	250.00	242.59	-7.41	-2.97	1.5088	.007	1
S5	500.00	484.78	-15.2	-3.04	3.0156	.015	1
S6	800.00	831.01	31.0	3.88	5.1697	.011	1

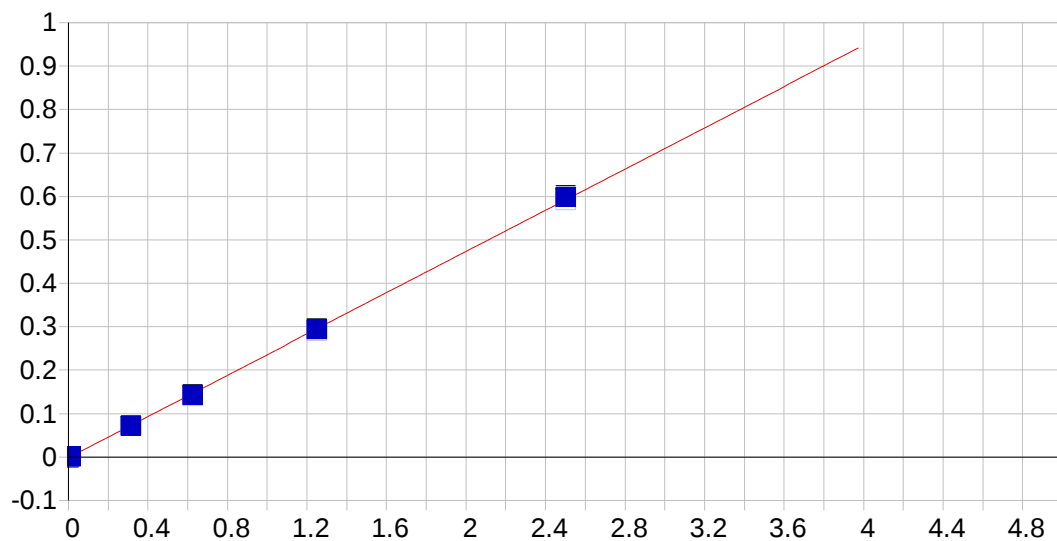


Ni 231.604 {446}

Date of Fit: 8/13/2018 14:51:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003120 Re-Slope: 1.000000
 A1 (Gain): 0.603396 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999928 Status: OK.
 Std Error of Est: 0.000173
 Predicted MDL: 0.000506
 Predicted MQL: 0.001686

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00312	.000	1
S1	.04000	.04392	.004	9.81	.02340	.000	1
S2	.62500	.63914	.014	2.26	.38331	.002	1
S3	1.2500	1.2307	-.019	-1.55	.74101	.002	1
S4	2.5000	2.5249	.025	.996	1.5235	.009	1
S5	5.0000	4.9764	-.024	-.473	3.0058	.015	1

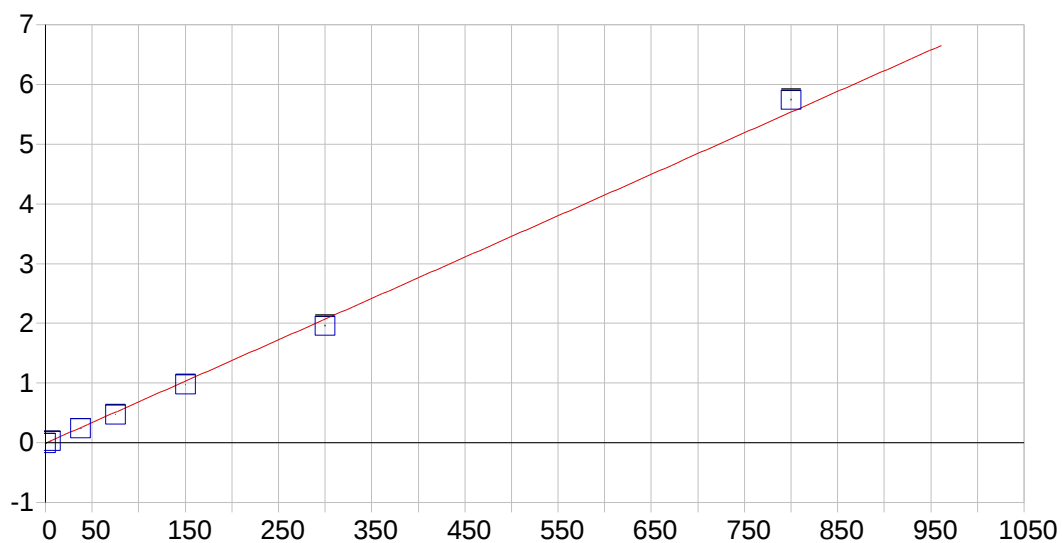


Ag 328.068 {103}

Date of Fit: 8/13/2018 14:51:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001411 Re-Slope: 1.000000
 A1 (Gain): 0.237300 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999877 Status: OK.
 Std Error of Est: 0.000031
 Predicted MDL: 0.000624
 Predicted MQL: 0.002079

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00141	.000	1
S1	.01000	.01158	.002	15.8	.00132	.000	1
S2	.31250	.31015	-.002	-.751	.07124	.000	1
S3	.62500	.60613	-.019	-3.02	.14052	.001	1
S4	1.2500	1.2442	-.006	-.462	.29004	.001	1
S5	2.5000	2.5254	.025	1.02	.59025	.004	1



Na 818.326 { 41}

Date of Fit: 8/13/2018 14:55:22

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.007715

Re-Slope: 1.000000

A1 (Gain): 0.006928

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998945

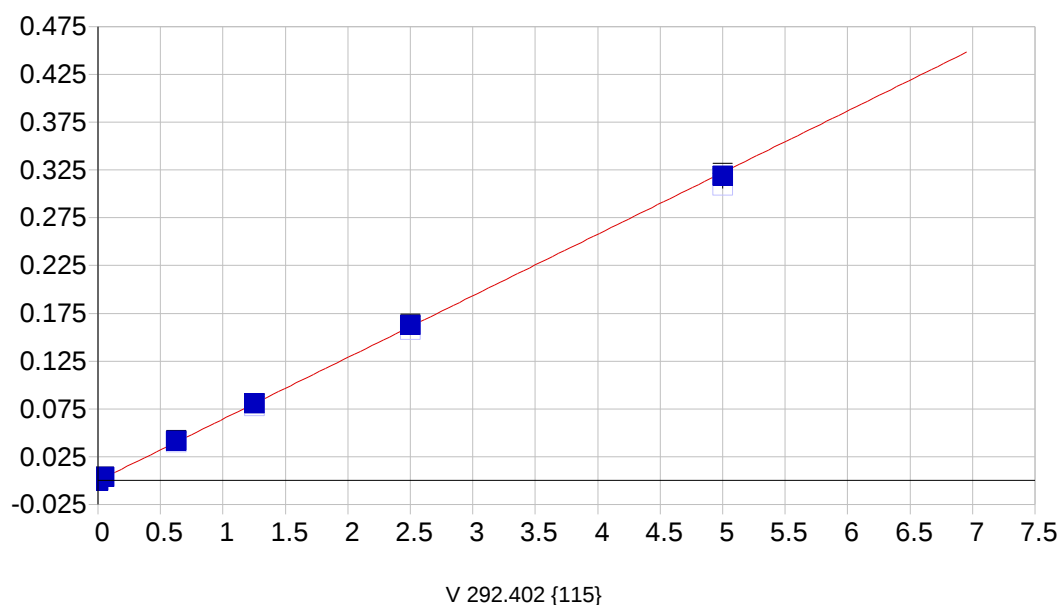
Status: OK.

Std Error of Est: 0.000985

Predicted MDL: 0.344925

Predicted MQL: 1.149751

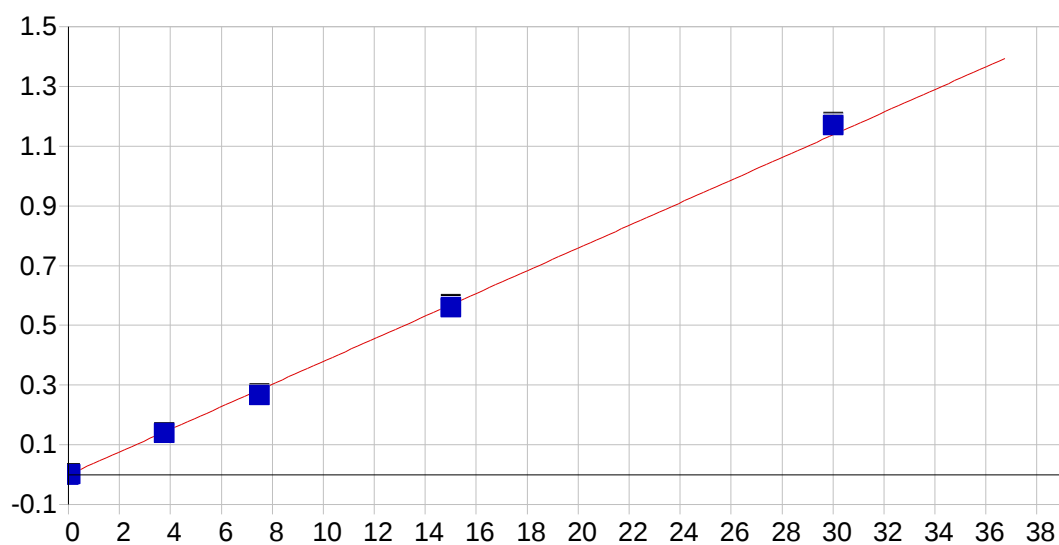
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00082	.001	.000	-.00771	.001	1
S1	5.0000	5.0949	.095	1.90	.02758	.002	1
S2	37.500	35.940	-1.56	-4.16	.24126	.002	1
S3	75.000	69.259	-5.74	-7.65	.47208	.005	1
S4	150.00	142.29	-7.71	-5.14	.97800	.006	1
S5	300.00	284.34	-15.7	-5.22	1.9621	.012	1
S6	800.00	830.58	30.6	3.82	5.7462	.015	1



Date of Fit: 8/13/2018 14:51:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000148 Re-Slope: 1.000000
 A1 (Gain): 0.064499 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999874 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.006735
 Predicted MQL: 0.022451

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00015	.000	1
S1	.05000	.05601	.006	12.0	.00346	.000	1
S2	.62500	.64514	.020	3.22	.04013	.001	1
S3	1.2500	1.2486	-.001	-.112	.07773	.000	1
S4	2.5000	2.5272	.027	1.09	.15754	.001	1
S5	5.0000	4.9478	-.052	-1.04	.30834	.003	1

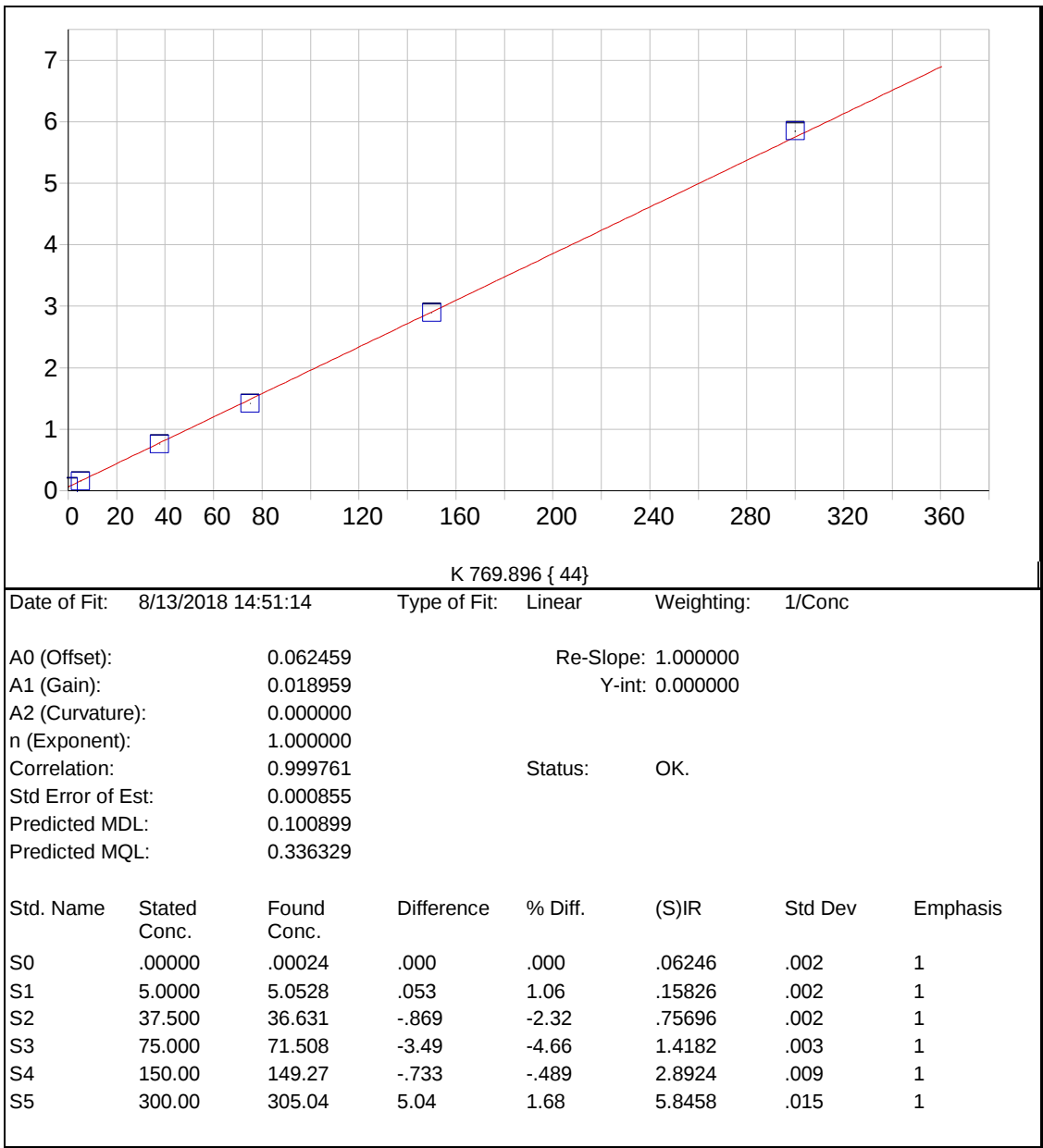


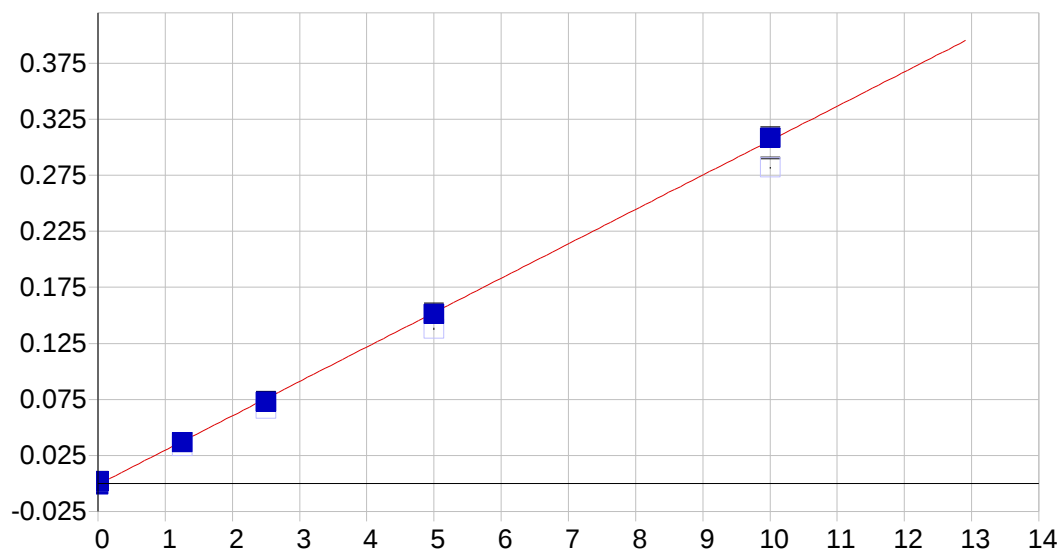
Zn 213.856 {158}

Date of Fit: 8/13/2018 14:51:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000264 Re-Slope: 1.000000
 A1 (Gain): 0.037936 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999450 Status: OK.
 Std Error of Est: 0.000090
 Predicted MDL: 0.012955
 Predicted MQL: 0.043182

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00026	.000	1
S1	.06000	.05078	-.009	-15.4	.00167	.000	1
S2	3.7500	3.6418	-.108	-2.89	.13856	.002	1
S3	7.5000	7.0192	-.481	-6.41	.26735	.004	1
S4	15.000	14.761	-.239	-1.60	.56236	.008	1
S5	30.000	30.838	.838	2.79	1.1749	.005	1



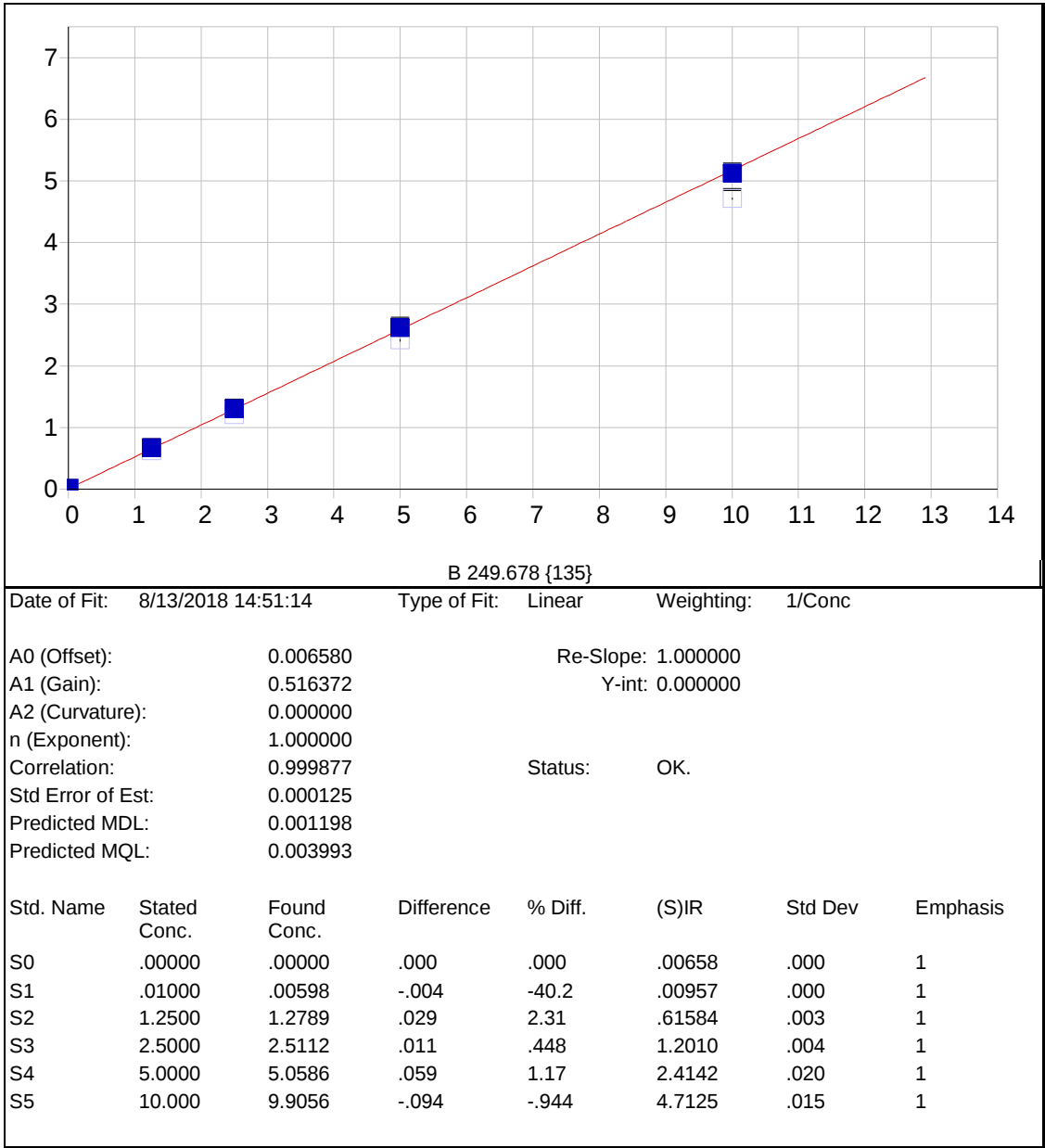


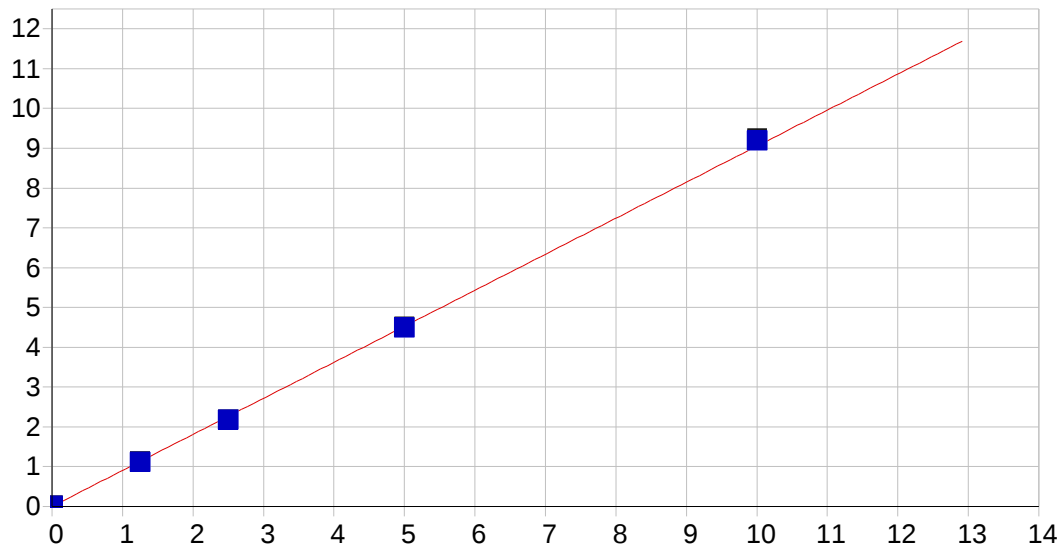
P 177.495 {490}

Date of Fit: 8/13/2018 14:51:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000996 Re-Slope: 1.000000
 A1 (Gain): 0.030694 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.980838 Status: OK.
 Std Error of Est: 0.000093
 Predicted MDL: 0.003532
 Predicted MQL: 0.011773

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00008	.000	.000	-.00100	.000	1
S1	.01000	.08827	.078	783.	.00169	.000	1
S2	1.2500	1.2198	-.030	-2.42	.03313	.000	1
S3	2.5000	2.4114	-.089	-3.54	.06640	.000	1
S4	5.0000	4.9586	-.041	-.828	.13797	.001	1
S5	10.000	10.080	.080	.801	.28193	.001	1



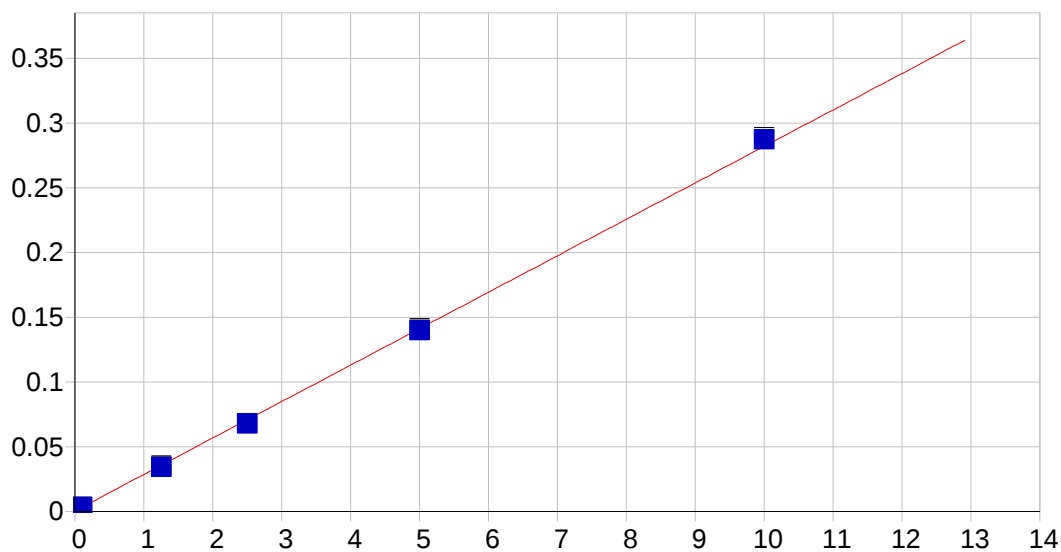


Mo 202.030 {467}

Date of Fit: 8/13/2018 14:51:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000594 Re-Slope: 1.000000
 A1 (Gain): 0.905219 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999827 Status: OK.
 Std Error of Est: 0.000283
 Predicted MDL: 0.000322
 Predicted MQL: 0.001073

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00059	.000	1
S1	.01000	.01080	.001	7.97	.01036	.000	1
S2	1.2500	1.2376	-.012	-.990	1.1209	.005	1
S3	2.5000	2.4030	-.097	-3.88	2.1757	.006	1
S4	5.0000	4.9594	-.041	-.813	4.4897	.012	1
S5	10.000	10.149	.149	1.49	9.1875	.042	1

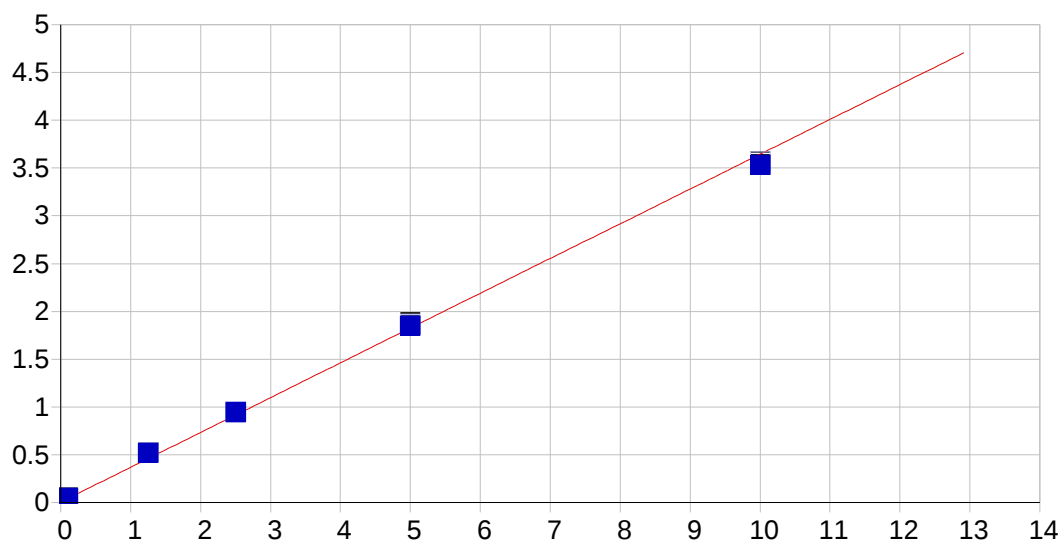


S 182.034 {485}

Date of Fit: 8/13/2018 14:51:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000461 Re-Slope: 1.000000
 A1 (Gain): 0.028140 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999719 Status: OK.
 Std Error of Est: 0.000035
 Predicted MDL: 0.004956
 Predicted MQL: 0.016521

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00046	.000	1
S1	.10000	.10180	.002	1.80	.00333	.000	1
S2	1.2500	1.2057	-.044	-3.54	.03440	.001	1
S3	2.5000	2.3904	-.110	-4.38	.06775	.000	1
S4	5.0000	4.9566	-.043	-.868	.13999	.001	1
S5	10.000	10.195	.195	1.95	.28746	.001	1

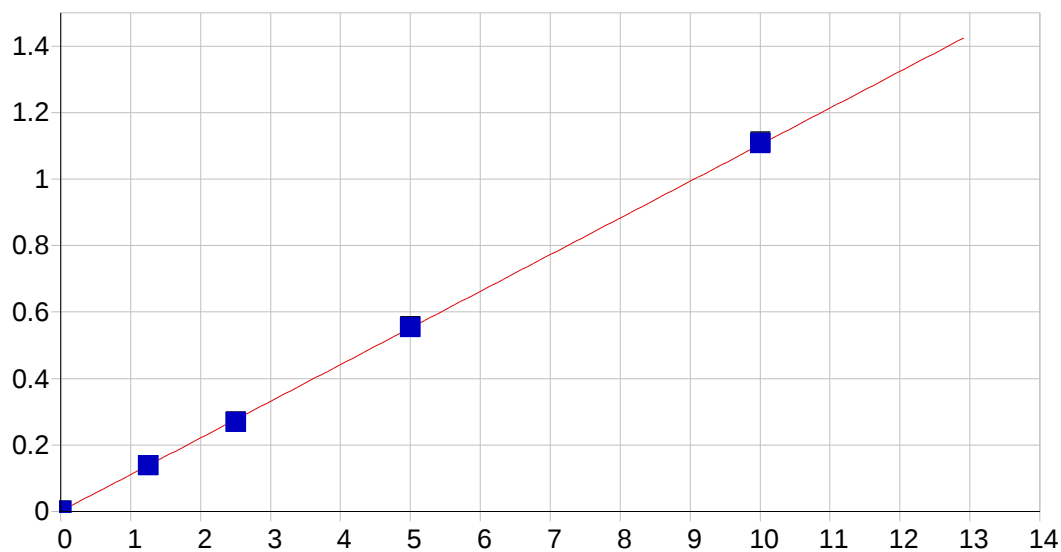


Si 251.611 {134}

Date of Fit: 8/13/2018 14:51:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005815 Re-Slope: 1.000000
 A1 (Gain): 0.363909 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999147 Status: OK.
 Std Error of Est: 0.000806
 Predicted MDL: 0.001513
 Predicted MQL: 0.005044

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00581	.000	1
S1	.10000	.10561	.006	5.61	.04438	.000	1
S2	1.2500	1.4063	.156	12.5	.52133	.001	1
S3	2.5000	2.5760	.076	3.04	.95071	.005	1
S4	5.0000	5.0710	.071	1.42	1.8661	.018	1
S5	10.000	9.6910	-.309	-3.09	3.5623	.004	1

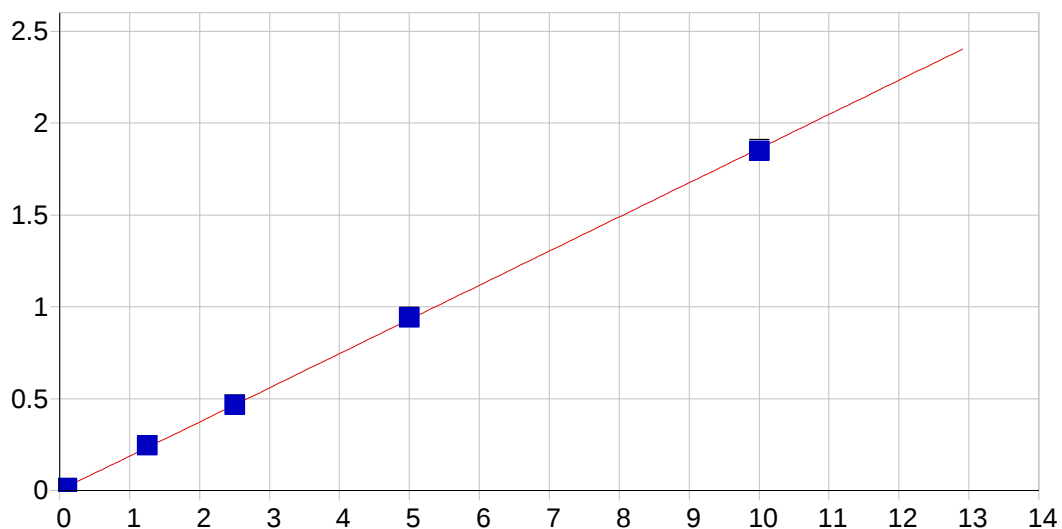


Sn 189.989 {478}

Date of Fit: 8/13/2018 14:51:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000711 Re-Slope: 1.000000
 A1 (Gain): 0.110265 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999936 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.001259
 Predicted MQL: 0.004197

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00071	.000	1
S1	.00700	.00575	-.001	-17.8	.00132	.000	1
S2	1.2500	1.2459	-.004	-.326	.13779	.001	1
S3	2.5000	2.4329	-.067	-2.68	.26837	.001	1
S4	5.0000	5.0226	.023	.452	.55331	.002	1
S5	10.000	10.050	.050	.498	1.1064	.003	1

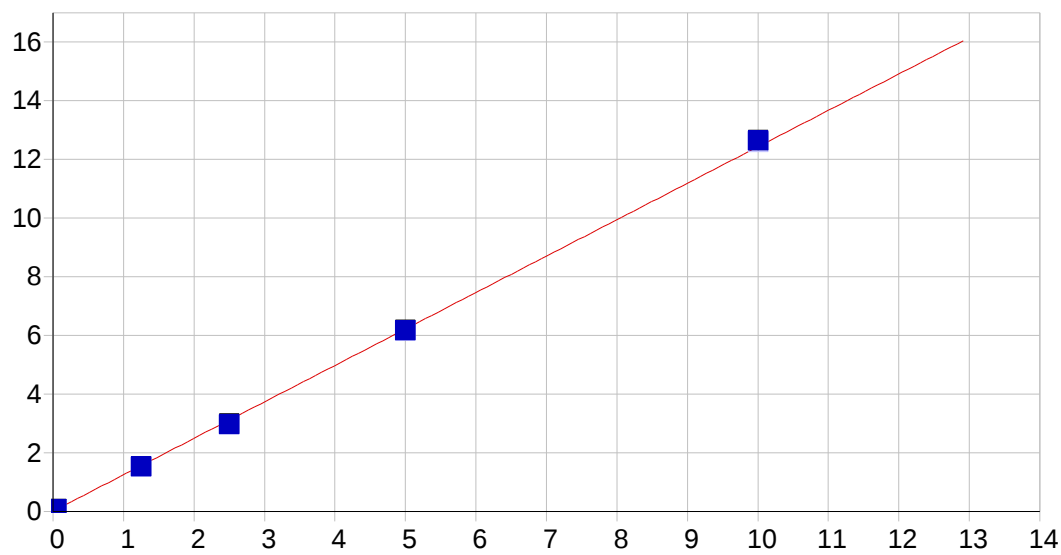


Ti 336.121 {100}

Date of Fit: 8/13/2018 14:51:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000954 Re-Slope: 1.000000
 A1 (Gain): 0.185948 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999356 Status: OK.
 Std Error of Est: 0.000355
 Predicted MDL: 0.003254
 Predicted MQL: 0.010848

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00096	.000	1
S1	.10000	.05486	-.045	-45.1	.01115	.001	1
S2	1.2500	1.3097	.060	4.77	.24440	.002	1
S3	2.5000	2.5024	.002	.098	.46610	.002	1
S4	5.0000	5.0527	.053	1.05	.94015	.003	1
S5	10.000	9.9303	-.070	-.697	1.8468	.009	1



Li 670.784 { 50}

Date of Fit: 8/13/2018 14:51:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.011363 Re-Slope: 1.000000
 A1 (Gain): 1.242098 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999757 Status: OK.
 Std Error of Est: 0.001022
 Predicted MDL: 0.002039
 Predicted MQL: 0.006795

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.01137	.001	1
S5	10.000	10.175	.175	1.75	12.580	.019	1
S4	5.0000	4.9670	-.033	-.659	6.1460	.013	1
S3	2.5000	2.3885	-.111	-4.46	2.9607	.006	1
S2	1.2500	1.2191	-.031	-2.47	1.5168	.001	1
S1	.05000	.05003	.000	.062	.07338	.002	1



Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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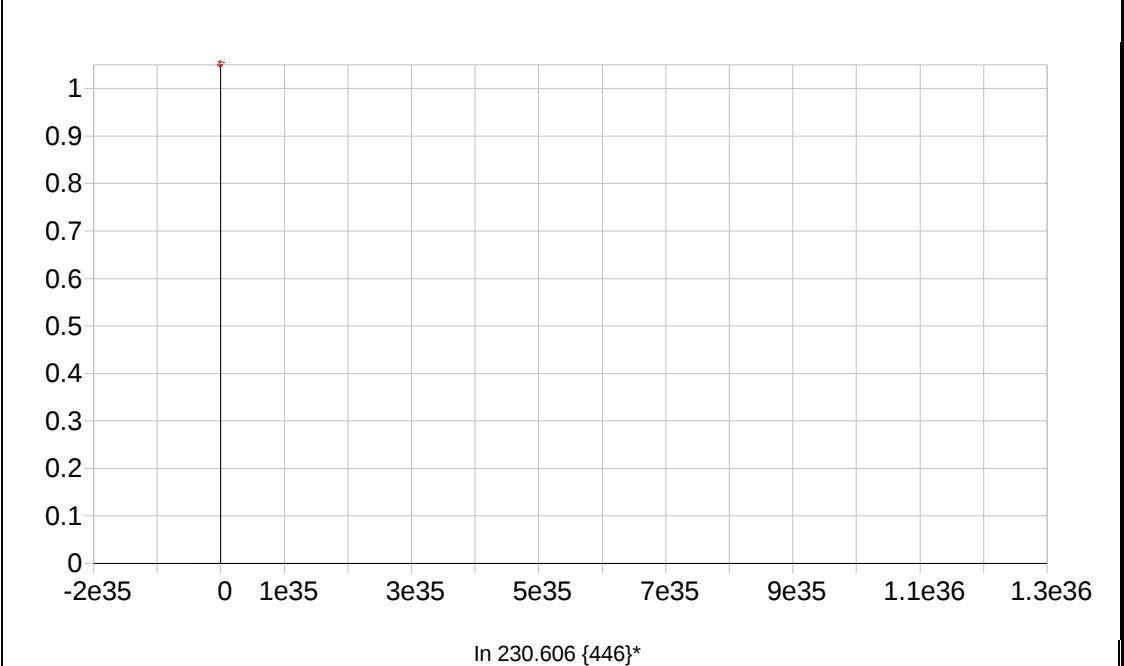
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

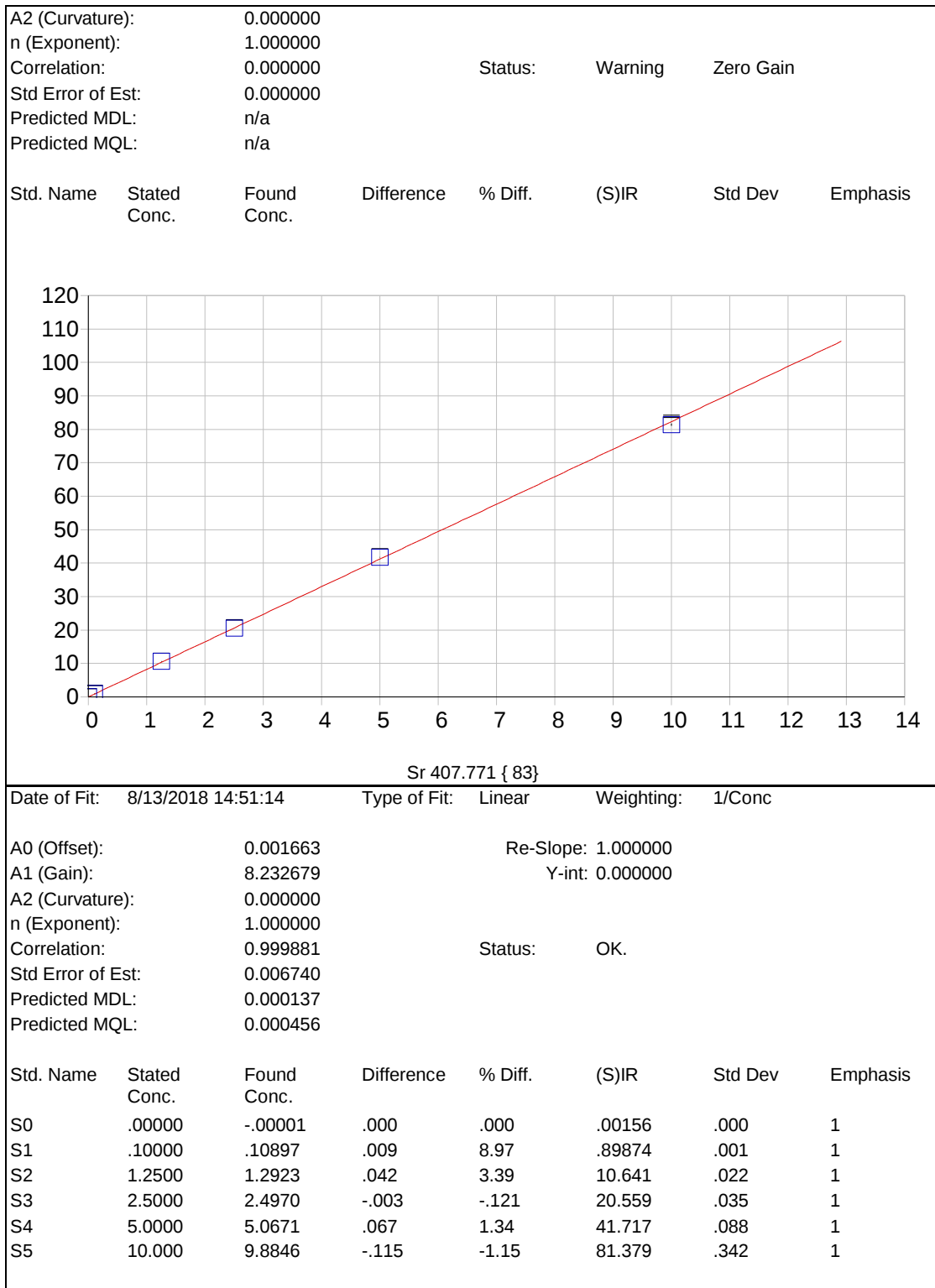
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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



Sample Name: S0 Acquired: 8/13/2018 14:27:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) 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	-.00033	-.00068	.00017	.00081	.00123	.00435	.01080	-.00232
Stddev	.00003	.00008	.00055	.00018	.00043	.00150	.00227	.00026
%RSD	8.1078	12.146	330.81	22.209	34.866	34.591	21.001	11.002

#1	-.00031	-.00060	.00001	.00102	.00129	.00271	.00944	-.00256
#2	-.00036	-.00076	-.00029	.00068	.00077	.00467	.00953	-.00235
#3	-.00033	-.00069	.00078	.00074	.00163	.00567	.01341	-.00206

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00138	.00172	.00011	-.00033	.00132	.00035	-.00008	-.00040
Stddev	.00012	.00018	.00010	.00013	.00069	.00028	.00023	.00026
%RSD	9.0659	10.263	90.896	38.911	52.079	79.613	305.59	65.094

#1	.00147	.00152	.00008	-.00019	.00091	.00067	-.00035	-.00055
#2	.00124	.00185	.00003	-.00036	.00094	.00021	.00003	-.00010
#3	.00142	.00179	.00022	-.00043	.00212	.00017	.00008	-.00054

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	-.00312	-.00141	-.00771	-.00015	-.00026	.06246	-.00100	.00658
Stddev	.00033	.00017	.00137	.00011	.00047	.00154	.00005	.00038
%RSD	10.633	11.845	17.764	76.160	179.54	2.4598	5.2222	5.7801

#1	-.00296	-.00124	-.00906	-.00012	-.00004	.06129	-.00106	.00690
#2	-.00290	-.00158	-.00632	-.00005	.00006	.06420	-.00097	.00616
#3	-.00351	-.00141	-.00774	-.00027	-.00081	.06190	-.00097	.00669

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	.00059	.00046	.00581	.00071	.00096	.01137	.00156	
Stddev	.00011	.00010	.00029	.00010	.00014	.00082	.00046	
%RSD	19.124	22.285	5.0627	13.763	14.532	7.1789	29.547	

#1	.00068	.00042	.00582	.00072	.00083	.01062	.00141	
#2	.00064	.00058	.00610	.00061	.00110	.01124	.00208	
#3	.00046	.00038	.00551	.00081	.00095	.01224	.00119	

Sample Name: S0 Acquired: 8/13/2018 14:27:24 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) 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	1758.8	2238.1	41128.	5051.6	3241.9
Stddev	11.2	3.1	33.	12.2	.5
%RSD	.63470	.13990	.08054	.24242	.01460
#1	1748.2	2240.6	41120.	5046.9	3241.8
#2	1770.4	2234.6	41099.	5042.4	3242.4
#3	1757.8	2239.1	41164.	5065.5	3241.5

Sample Name: S1 Acquired: 8/13/2018 14:31:32 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) 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	-.00010	.00062	.00188	.00390	.01273	.01753	.73656	.03754
Stddev	.00018	.00013	.00020	.00001	.00036	.00011	.00056	.00023
%RSD	179.95	21.389	10.470	.22858	2.8241	.64964	.07576	.61409

#1	-.00028	.00077	.00170	.00389	.01314	.01747	.73624	.03779
#2	.00008	.00055	.00185	.00391	.01254	.01766	.73623	.03749
#3	-.00010	.00053	.00209	.00391	.01250	.01746	.73720	.03733

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	.01705	.19392	.00180	.04182	.00371	.00165	.00298	.03194
Stddev	.00018	.00075	.00005	.00009	.00037	.00042	.00029	.00026
%RSD	1.0607	.38808	3.0372	.22596	9.8470	25.243	9.8721	.80032

#1	.01726	.19313	.00175	.04189	.00398	.00141	.00309	.03168
#2	.01695	.19402	.00186	.04172	.00330	.00213	.00265	.03196
#3	.01694	.19462	.00179	.04187	.00387	.00141	.00321	.03219

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	.02340	.00132	.02758	.00346	.00167	.15826	.00169	.00957
Stddev	.00027	.00011	.00227	.00043	.00048	.00151	.00009	.00027
%RSD	1.1497	8.1136	8.2475	12.477	28.503	.95316	5.2283	2.7956

#1	.02353	.00125	.02899	.00359	.00113	.15882	.00178	.00932
#2	.02309	.00127	.02879	.00298	.00202	.15655	.00161	.00985
#3	.02357	.00144	.02496	.00381	.00186	.15940	.00169	.00953

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	.01036	.00333	.04438	.00132	.01115	.07338	.89874	
Stddev	.00029	.00025	.00038	.00014	.00051	.00198	.00056	
%RSD	2.7840	7.4050	.85370	10.694	4.6037	2.6965	.06191	

#1	.01016	.00314	.04481	.00145	.01172	.07129	.89926	
#2	.01024	.00323	.04414	.00117	.01073	.07362	.89815	
#3	.01069	.00361	.04417	.00132	.01099	.07523	.89882	

Sample Name: S1 Acquired: 8/13/2018 14:31:32 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) 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	1757.7	2230.1	41196.	5057.8	3256.6
Stddev	4.0	7.0	84.	27.9	12.0
%RSD	.22975	.31455	.20382	.55255	.36705
#1	1754.7	2233.7	41271.	5052.0	3262.0
#2	1756.2	2234.6	41105.	5088.2	3264.9
#3	1762.3	2222.0	41211.	5033.2	3242.9

Sample Name: S2 Acquired: 8/13/2018 14:35:41 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) 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	.04299	.06441	.91431	.10295	.22825	2.4499	8.5970	.89177
Stddev	.00012	.00054	.00359	.00093	.00054	.0043	.0031	.00158
%RSD	.29012	.83110	.39298	.90561	.23639	.17773	.03617	.17772

#1	.04287	.06381	.91017	.10215	.22764	2.4548	8.5953	.89359
#2	.04297	.06459	.91615	.10272	.22864	2.4480	8.6006	.89070
#3	.04312	.06483	.91661	.10397	.22848	2.4467	8.5952	.89102

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	1.7956	2.3590	.59130	.50447	.34560	.54223	.66208	.37898
Stddev	.0088	.0013	.00101	.00301	.00106	.00205	.00073	.00145
%RSD	.48752	.05571	.17145	.59763	.30720	.37804	.11054	.38293

#1	1.7857	2.3597	.59158	.50144	.34679	.54065	.66123	.37755
#2	1.7990	2.3575	.59214	.50451	.34524	.54150	.66245	.37896
#3	1.8022	2.3599	.59017	.50746	.34476	.54455	.66255	.38045

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	.38331	.07124	.24126	.04013	.13856	.75696	.03313	.61584
Stddev	.00181	.00009	.00206	.00052	.00220	.00196	.00030	.00261
%RSD	.47109	.12316	.85195	1.2959	1.5907	.25852	.89415	.42337

#1	.38123	.07117	.24039	.04058	.13603	.75807	.03279	.61860
#2	.38417	.07121	.23978	.04026	.13953	.75470	.03333	.61342
#3	.38452	.07134	.24361	.03956	.14011	.75811	.03327	.61549

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	1.1209	.03440	.52133	.13779	.24440	1.5168	10.641
Stddev	.0053	.00067	.00072	.00058	.00152	.0008	.022
%RSD	.47530	1.9534	.13824	.42270	.62011	.05462	.20303

#1	1.1156	.03367	.52126	.13712	.24564	1.5174	10.648
#2	1.1207	.03500	.52208	.13812	.24271	1.5159	10.617
#3	1.1263	.03453	.52064	.13813	.24486	1.5172	10.659

Sample Name: S2 Acquired: 8/13/2018 14:35:41 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) 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	1697.6	2144.0	40394.	4987.9	3071.5
Stddev	10.9	3.9	121.	22.7	9.2
%RSD	.64246	.18120	.30004	.45510	.29847
#1	1710.2	2146.8	40534.	4962.2	3082.1
#2	1691.7	2145.6	40318.	5005.1	3066.0
#3	1690.8	2139.5	40330.	4996.4	3066.5

Sample Name: S3 Acquired: 8/13/2018 14:39:35 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) 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	.08407	.12480	1.7719	.19547	.43641	4.7207	16.565	1.7073
Stddev	.00051	.00020	.0022	.00094	.00067	.0230	.043	.0049
%RSD	.60785	.16426	.12147	.48254	.15352	.48730	.26230	.28804

#1	.08364	.12483	1.7717	.19484	.43665	4.7468	16.543	1.7059
#2	.08393	.12458	1.7699	.19500	.43565	4.7033	16.537	1.7128
#3	.08463	.12498	1.7742	.19655	.43692	4.7121	16.615	1.7033

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.4585	4.5118	1.1278	.97917	.65869	1.0383	1.2664	.73339
Stddev	.0094	.0084	.0003	.00182	.00329	.0021	.0016	.00161
%RSD	.27053	.18591	.02587	.18638	.50011	.20031	.12713	.21946

#1	3.4560	4.5034	1.1278	.97743	.66069	1.0359	1.2674	.73173
#2	3.4506	4.5119	1.1281	.97901	.65489	1.0397	1.2645	.73348
#3	3.4688	4.5201	1.1275	.98107	.66050	1.0393	1.2671	.73495

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	.74101	.14052	.47208	.07773	.26735	1.4182	.06640	1.2010
Stddev	.00150	.00070	.00494	.00013	.00411	.0032	.00023	.0045
%RSD	.20284	.50063	1.0459	.16463	1.5373	.22383	.34192	.37213

#1	.74056	.14130	.46706	.07780	.27190	1.4161	.06635	1.2041
#2	.73978	.14033	.47226	.07780	.26391	1.4218	.06621	1.2031
#3	.74268	.13993	.47693	.07758	.26624	1.4166	.06665	1.1959

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2.1757	.06775	.95071	.26837	.46610	2.9607	20.559	
Stddev	.0063	.00018	.00450	.00091	.00161	.0062	.035	
%RSD	.28908	.27132	.47353	.33767	.34598	.20944	.17229	

#1	2.1720	.06772	.94987	.26791	.46764	2.9578	20.591	
#2	2.1722	.06759	.95557	.26778	.46442	2.9565	20.521	
#3	2.1830	.06795	.94669	.26941	.46625	2.9678	20.564	

Sample Name: S3 Acquired: 8/13/2018 14:39:35 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) 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	1693.1	2128.1	40527.	5051.5	3020.9
Stddev	11.4	4.5	201.	10.4	5.0
%RSD	.67146	.21270	.49539	.20684	.16561
#1	1681.3	2131.0	40295.	5058.4	3023.0
#2	1704.0	2130.3	40647.	5039.5	3024.4
#3	1693.9	2122.9	40639.	5056.7	3015.1

Sample Name: S4 Acquired: 8/13/2018 14:43:28 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) 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	.17447	.24850	3.6681	.39149	.90227	9.7820	33.868	3.4006
Stddev	.00075	.00195	.0159	.00118	.00116	.0219	.077	.0315
%RSD	.43266	.78477	.43350	.30119	.12803	.22339	.22631	.92641

#1	.17492	.24794	3.6569	.39284	.90320	9.7630	33.955	3.3907
#2	.17360	.24690	3.6611	.39093	.90097	9.8059	33.812	3.3753
#3	.17489	.25067	3.6863	.39069	.90262	9.7771	33.836	3.4359

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	7.0453	9.1346	2.2709	2.0153	1.3321	2.0817	2.5378	1.5088
Stddev	.0351	.0251	.0029	.0111	.0014	.0141	.0087	.0071
%RSD	.49868	.27521	.12875	.54860	.10118	.67844	.34386	.46862

#1	7.0201	9.1524	2.2676	2.0082	1.3313	2.0906	2.5453	1.5090
#2	7.0303	9.1058	2.2732	2.0095	1.3313	2.0654	2.5282	1.5017
#3	7.0854	9.1455	2.2718	2.0280	1.3336	2.0890	2.5397	1.5158

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	1.5235	.29004	.97800	.15754	.56236	2.8924	.13797	2.4142
Stddev	.0088	.00096	.00604	.00118	.00789	.0087	.00090	.0205
%RSD	.57698	.33236	.61725	.75115	1.4029	.30130	.65046	.84746

#1	1.5148	.29059	.98420	.15769	.56430	2.8856	.13834	2.4066
#2	1.5232	.28893	.97215	.15628	.56911	2.8896	.13694	2.3986
#3	1.5324	.29060	.97765	.15864	.55369	2.9022	.13862	2.4373

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	4.4897	.13999	1.8661	.55331	.94015	6.1460	41.717	
Stddev	.0125	.00107	.0182	.00197	.00349	.0133	.088	
%RSD	.27775	.76458	.97410	.35639	.37169	.21668	.21029	

#1	4.4871	.14051	1.8626	.55198	.93775	6.1584	41.721	
#2	4.4787	.13876	1.8500	.55237	.94416	6.1476	41.628	
#3	4.5033	.14070	1.8858	.55558	.93856	6.1319	41.803	

Sample Name: S4 Acquired: 8/13/2018 14:43:28 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) 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	1582.9	1983.0	39018.	4945.1	2799.3
Stddev	10.1	1.5	136.	18.5	6.3
%RSD	.63982	.07692	.34856	.37367	.22458
#1	1573.7	1981.4	38931.	4952.4	2804.5
#2	1581.3	1983.3	38948.	4958.9	2801.1
#3	1593.8	1984.4	39175.	4924.1	2792.3

Sample Name: S5 Acquired: 8/13/2018 14:47:19 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) 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	.36058	.48336	7.3433	.76183	1.8486	19.686	66.463	6.6337
Stddev	.00248	.00157	.0340	.00451	.0063	.105	.727	.0098
%RSD	.68774	.32451	.46269	.59174	.34213	.53190	1.0935	.14797

#1	.35784	.48262	7.3191	.75733	1.8429	19.806	66.909	6.6229
#2	.36122	.48230	7.3286	.76183	1.8475	19.638	66.857	6.6362
#3	.36267	.48516	7.3821	.76634	1.8554	19.614	65.625	6.6420

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	13.917	17.951	4.3850	4.0151	2.6290	4.0292	4.9266	3.0156
Stddev	.061	.027	.0109	.0184	.0085	.0135	.0169	.0153
%RSD	.44149	.14931	.24815	.45721	.32357	.33607	.34284	.50838

#1	13.877	17.927	4.3963	4.0022	2.6385	4.0164	4.9094	2.9988
#2	13.885	17.946	4.3841	4.0071	2.6221	4.0279	4.9272	3.0192
#3	13.987	17.980	4.3745	4.0361	2.6264	4.0433	4.9431	3.0288

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.0058	.59025	1.9621	.30834	1.1749	5.8458	.28193	4.7125
Stddev	.0153	.00411	.0117	.00290	.0052	.0147	.00075	.0146
%RSD	.50767	.69654	.59382	.93943	.44365	.25235	.26489	.31073

#1	2.9965	.58563	1.9536	.30515	1.1691	5.8627	.28144	4.6995
#2	2.9975	.59165	1.9573	.31081	1.1791	5.8394	.28157	4.7097
#3	3.0234	.59349	1.9754	.30907	1.1766	5.8354	.28279	4.7284

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	9.1875	.28746	3.5623	1.1064	1.8468	12.580	81.379	
Stddev	.0422	.00137	.0035	.0026	.0087	.019	.342	
%RSD	.45945	.47706	.09861	.23442	.46986	.14715	.41975	

#1	9.1492	.28669	3.5589	1.1040	1.8560	12.602	81.535	
#2	9.1805	.28665	3.5621	1.1061	1.8387	12.570	80.987	
#3	9.2327	.28904	3.5659	1.1091	1.8457	12.569	81.615	

Sample Name: S5 Acquired: 8/13/2018 14:47:19 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) 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	1461.7	1825.5	37679.	4882.5	2613.7
Stddev	16.2	8.7	140.	10.6	12.0
%RSD	1.1063	.47904	.37184	.21779	.45925
#1	1480.3	1832.2	37840.	4870.5	2620.2
#2	1450.6	1828.7	37614.	4886.2	2621.1
#3	1454.2	1815.6	37583.	4890.8	2599.9

Sample Name: S6 Acquired: 8/13/2018 14:51:19 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S06 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	54.772	29.086	11.107	5.1697	5.7462
Stddev	.118	.060	.023	.0114	.0154
%RSD	.21616	.20542	.20880	.22040	.26710

#1	54.868	29.121	11.123	5.1675	5.7408
#2	54.810	29.121	11.118	5.1820	5.7635
#3	54.640	29.017	11.080	5.1595	5.7342

Int. Std.	Y_3710
Units	Cts/S
Avg	4747.0
Stddev	34.7
%RSD	.73162

#1	4775.4
#2	4708.3
#3	4757.2

Sample Name: ICV Acquired: 8/13/2018 14:55:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.020460	1.104155	1.051821	1.083650	1.015169	2.442143
Stddev	.011430	.007221	.003497	.005611	.005783	.007558
%RSD	1.120116	.6539592	.3324725	.5178225	.5696761	.3094904

#1	1.009755	1.098085	1.052299	1.077290	1.009236	2.446969
#2	1.019125	1.102241	1.048109	1.085761	1.015482	2.446029
#3	1.032499	1.112140	1.055054	1.087900	1.020789	2.433433

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5431563	F .5465075	.5421731	10.65202	F .5612768	.5333331
Stddev	.0012535	.0036270	.0015716	.06278	.0027778	.0025700
%RSD	.2307750	.6636683	.2898703	.5893622	.4949062	.4818795

#1	.5434534	.5439853	.5410511	10.72009	.5641366	.5326691
#2	.5417810	.5506641	.5414989	10.59639	.5585891	.5311602
#3	.5442345	.5448730	.5439693	10.63959	.5611046	.5361699

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .5594612	F 5.606278	F .5648726	6.033756	.5445629	.4998077
Stddev	.0037864	.030726	.0027094	.041004	.0010322	.0047164
%RSD	.6767951	.5480557	.4796458	.6795707	.1895448	.9436464

#1	.5622620	5.618903	.5678074	6.079101	.5444288	.4952078
#2	.5551533	5.571251	.5643440	5.999285	.5436044	.5046326
#3	.5609683	5.628681	.5624666	6.022884	.5456556	.4995828

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.22833	F .5525018	1.048606	F 8.992360	F .0170049	F 2.659222
Stddev	.26875	.0065564	.031092	.086656	.0008293	.015811
%RSD	2.627555	1.186673	2.965075	.9636675	4.876926	.5945588

#1	10.09696	.5522092	1.030246	8.997459	.0178291	2.650181
#2	10.05053	.5460967	1.031067	8.903267	.0161706	2.677478
#3	10.53750	.5591997	1.084505	9.076355	.0170150	2.650006

Sample Name: ICV Acquired: 8/13/2018 14:55:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.578773	.0031146	2.621553	F 2.612507	2.796036	.0056020
Stddev	.010417	.0025063	.013577	.011712	.007323	.0020055
%RSD	.4039643	80.46968	.5178978	.4483110	.2619066	35.79888
#1	2.570693	.0002379	2.607823	2.601713	2.804329	.0077286
#2	2.575097	.0048267	2.634972	2.610847	2.793318	.0053325
#3	2.590530	.0042792	2.621864	2.624960	2.790461	.0037450

Elem	Sr4077
Units	ppm
Avg	.0126100
Stddev	.0001792
%RSD	1.420829
#1	.0128101
#2	.0124645
#3	.0125553

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1775.028	2258.746	41540.95	5087.689	3283.413
Stddev	18.810	3.925	210.20	22.963	2.079
%RSD	1.059719	.1737595	.5060040	.4513525	.0633184
#1	1796.214	2261.499	41771.05	5069.725	3282.297
#2	1760.288	2260.487	41359.01	5079.781	3285.812
#3	1768.583	2254.252	41492.80	5113.561	3282.131

Sample Name: ICB Acquired: 8/13/2018 14:59:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) 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	-.002320	.0001101	.0007369	-.000838	.0003339	-.014048	-.000853
Stddev	.004837	.0026289	.0012293	.003055	.0007591	.012048	.000230
%RSD	208.5076	2387.815	166.8260	364.3499	227.3800	85.76029	26.92182

#1	.002063	-.002897	-.000296	.001298	.0011644	-.001837	-.000838
#2	-.001513	.001255	.000410	.000524	.0001611	-.014382	-.000632
#3	-.007509	.001972	.002097	-.004337	-.000324	-.025926	-.001091

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000070	-.000116	-.002191	-.000623	-.000120	-.003371	-.025252
Stddev	.000038	.000057	.016474	.000221	.000213	.003424	.013288
%RSD	53.44476	48.68496	752.0106	35.44069	177.9071	101.5812	52.62025

#1	-.000049	-.000175	.013205	-.000456	.000086	-.005143	-.026687
#2	-.000114	-.000111	-.000213	-.000874	-.000107	.000576	-.037764
#3	-.000049	-.000062	-.019564	-.000541	-.000339	-.005546	-.011305

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008894	.0475389	-.000325	.0000680	.0450475	-.000764	-.001095
Stddev	.0008215	.0353922	.000234	.0001348	.1152158	.003180	.005735
%RSD	92.37126	74.44892	72.02922	198.2461	255.7654	416.3914	523.5026

#1	.0012039	.0476272	-.000590	.0002068	-.086843	.002679	-.001236
#2	.0015072	.0121026	-.000238	-.000062	.126105	-.001378	.004708
#3	-.000043	.0828869	-.000146	.000060	.095881	-.003591	-.006759

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2130308	.0002838	.0083670	.0001863	-.002852	-.000415	.0007086
Stddev	.0792117	.0026765	.0015719	.0001830	.003996	.000251	.0008110
%RSD	37.18321	942.9182	18.78701	98.20180	140.1165	60.42742	114.4463

#1	.3014971	.0003815	.0099394	.0000344	-.006795	-.000480	.0008025
#2	.1486787	.0029102	.0083660	.0003894	-.002955	-.000627	.0014686
#3	.1889166	-.002440	.0067956	.0001352	.001195	-.000138	-.000145

Sample Name: ICB Acquired: 8/13/2018 14:59:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) 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	.0015306	.0044323	-.000037
Stddev	.0041762	.0024764	.000091
%RSD	272.8526	55.87289	245.5083

#1	-.002811	.0072786	-.000096
#2	.001884	.0032477	-.000084
#3	.005519	.0027706	.000068

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1750.462	2239.218	41026.13	5032.350	3239.901
Stddev	11.902	6.930	99.80	31.035	11.086
%RSD	.6799445	.3094927	.2432528	.6167159	.3421630

#1	1763.889	2247.032	41107.70	5020.050	3251.386
#2	1741.208	2236.808	40914.85	5067.650	3239.053
#3	1746.289	2233.815	41055.84	5009.350	3229.263

Sample Name: ICSA Acquired: 8/13/2018 15:03:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) 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	-.001688	.0024241	-.004057	.0047066	.0039311	246.2890
Stddev	.002174	.0002829	.001590	.0028670	.0029191	.6309
%RSD	128.8191	11.67025	39.18028	60.91539	74.25607	.2561744

#1	-.000807	.0025387	-.005607	.0027983	.0008797	245.6434
#2	-.000092	.0021018	-.004135	.0080035	.0042168	246.3194
#3	-.004165	.0026317	-.002430	.0033178	.0066968	246.9042

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062556	.0010467	-.001098	252.7642	.0569739	-.000085
Stddev	.0006873	.0000960	.000072	.2825	.0003018	.000334
%RSD	10.98752	9.167017	6.525683	.1117820	.5296705	393.0545

#1	.0058611	.0009596	-.001170	252.4647	.0569853	.000127
#2	.0070493	.0010309	-.001097	253.0260	.0572698	-.000470
#3	.0058565	.0011496	-.001027	252.8018	.0566665	.000087

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.010071	104.7609	.0124848	256.7526	.0032036	-.005705
Stddev	.000604	.5260	.0002071	.8873	.0004768	.000435
%RSD	5.993671	.5020789	1.658974	.3455661	14.88163	7.626176

#1	-.010754	104.1617	.0123282	255.8147	.0037518	-.005336
#2	-.009610	105.1467	.0127197	257.5786	.0028861	-.006185
#3	-.009850	104.9742	.0124065	256.8646	.0029729	-.005594

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.022517	.0038753	.0538732	-1.18265	.0019871	F .1206847
Stddev	.029953	.0029561	.0189034	.10251	.0017623	.0032708
%RSD	133.0196	76.28177	35.08865	8.667578	88.68565	2.710204

#1	-.017127	.0014121	.0525374	-1.26161	.0000501	.1180021
#2	-.054799	.0030603	.0734090	-1.06681	.0024157	.1243283
#3	.004374	.0071535	.0356731	-1.21954	.0034956	.1197236

Sample Name: ICSA Acquired: 8/13/2018 15:03:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) 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	.0019810	-.010928	-.004698	-.005784	-.000878	.0023697
Stddev	.0003298	.004962	.000442	.001229	.001730	.0008988
%RSD	16.64999	45.40246	9.401399	21.24033	197.1335	37.92943

#1	.0016781	-.016101	-.004298	-.004372	-.002824	.0027843
#2	.0023324	-.006208	-.004623	-.006605	.000486	.0013384
#3	.0019326	-.010476	-.005172	-.006376	-.000295	.0029862

Elem	Sr4077
Units	ppm
Avg	.1068330
Stddev	.0002712
%RSD	.2538103

#1	.1065829
#2	.1067947
#3	.1071212

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1650.872	2118.939	39219.31	4941.528	2916.872
Stddev	8.513	4.043	142.20	20.514	8.763
%RSD	.5156418	.1907796	.3625650	.4151359	.3004126

#1	1660.404	2120.468	39334.95	4933.005	2921.945
#2	1648.183	2121.995	39060.54	4964.930	2921.918
#3	1644.028	2114.356	39262.43	4926.650	2906.754

Sample Name: ICSAB Acquired: 8/13/2018 15:07:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) 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	.0953393	.1119627	.0527121	.0573277	.6089707	243.4680
Stddev	.0036935	.0044720	.0022951	.0021482	.0041991	1.1479
%RSD	3.874111	3.994161	4.353965	3.747141	.6895431	.4714660

#1	.0924539	.1100882	.0552479	.0551591	.6107934	244.7840
#2	.0995019	.1170669	.0507774	.0594548	.6041682	242.6736
#3	.0940619	.1087331	.0521110	.0573694	.6119505	242.9462

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5424071	.5311737	1.065646	248.1890	.6146834	.5297297
Stddev	.0020812	.0050656	.002798	.5074	.0015482	.0014959
%RSD	.3836939	.9536707	.2625874	.2044464	.2518683	.2823950

#1	.5448098	.5263110	1.063747	248.5080	.6164356	.5285168
#2	.5411634	.5364205	1.064330	248.4551	.6135003	.5292710
#3	.5412482	.5307897	1.068859	247.6039	.6141143	.5314012

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5323690	103.6755	.5732889	252.4002	1.069354	.1652921
Stddev	.0026638	.4181	.0043438	.9136	.002057	.0010032
%RSD	.5003644	.4032542	.7576920	.3619698	.1923216	.6069317

#1	.5326776	103.3576	.5731646	252.0759	1.067664	.1642098
#2	.5348651	104.1491	.5776934	253.4317	1.068753	.1654759
#3	.5295644	103.5198	.5690086	251.6930	1.071644	.1661908

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0243180	.5312982	1.040391	-.933201	.0321308	F .1222035
Stddev	.6794439	.0054733	.035830	.095586	.0071548	.0012593
%RSD	2794.001	1.030167	3.443936	10.24285	22.26779	1.030522

#1	.7253384	.5372712	1.041982	-.864573	.0301987	.1211154
#2	-.021116	.5301001	1.003791	-1.04238	.0261404	.1219122
#3	-.631269	.5265232	1.075399	-.89265	.0400532	.1235830

Sample Name: ICSAB Acquired: 8/13/2018 15:07:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) 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	.0058743	.0014759	.0053207	-.001478	-.000725	.0084872
Stddev	.0002312	.0077391	.0016189	.002180	.003561	.0003864
%RSD	3.935075	524.3595	30.42602	147.5377	490.8599	4.552288

#1	.0061304	.0078457	.0035787	-.002981	.002070	.0080520
#2	.0056811	.0037190	.0056043	-.002475	.000487	.0086195
#3	.0058116	-.007137	.0067790	.001023	-.004734	.0087900

Elem	Sr4077
Units	ppm
Avg	.1087951
Stddev	.0000696
%RSD	.0639610

#1	.1087944
#2	.1088651
#3	.1087259

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1676.674	2109.516	39597.12	5033.546	2911.593
Stddev	4.195	9.980	100.27	27.167	7.133
%RSD	.2501838	.4730857	.2532137	.5397220	.2449871

#1	1676.463	2109.103	39646.60	5051.043	2912.024
#2	1680.971	2119.697	39663.03	5002.249	2918.500
#3	1672.589	2099.750	39481.73	5047.347	2904.254

Sample Name: CCV090 Acquired: 8/13/2018 15:20:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV090 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.793784	4.817172	24.63350	4.671531	4.780889	411.7961	9.937024
Stddev	.035278	.031799	.08758	.035839	.020442	2.9953	.029157
%RSD	.7359141	.6601155	.3555402	.7671723	.4275736	.7273639	.2934148

#1	4.806056	4.800155	24.59926	4.653167	4.773459	408.7144	9.905799
#2	4.754009	4.797503	24.56822	4.648596	4.765202	414.6967	9.941733
#3	4.821288	4.853858	24.73303	4.712830	4.804007	411.9773	9.963539

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4977601	2.472949	408.2551	15.27526	2.501830	14.91330	415.9928
Stddev	.0094713	.009795	1.2299	.03754	.010033	.06978	1.8122
%RSD	1.902794	.3960698	.3012539	.2457849	.4010088	.4678744	.4356308

#1	.4929561	2.465132	407.2763	15.29346	2.495215	14.83693	416.1203
#2	.4916535	2.469779	407.8533	15.30024	2.496901	14.97372	414.1203
#3	.5086708	2.483936	409.6356	15.23209	2.513373	14.92926	417.7379

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.80197	408.1066	2.491790	1.242364	408.4540	2.463118	14.71973
Stddev	.05756	1.5046	.009695	.009829	1.9642	.007688	.17238
%RSD	.3888910	.3686819	.3890731	.7911253	.4808846	.3121442	1.171072

#1	14.77262	408.7115	2.489784	1.243329	408.0531	2.454691	14.76315
#2	14.76501	406.3937	2.483255	1.232089	406.7211	2.464914	14.86624
#3	14.86830	409.2147	2.502331	1.251675	410.5877	2.469750	14.52979

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.4118	5.009034	5.232109	4.812996	4.996534	4.854784	4.967130
Stddev	.7792	.042749	.077400	.026973	.042401	.075614	.012482
%RSD	.5112245	.8534429	1.479318	.5604255	.8486072	1.557512	.2512953

#1	151.5134	4.971988	5.190713	4.798623	4.974791	4.809018	4.954824
#2	152.9027	4.999304	5.184211	4.796253	4.969414	4.813273	4.966786
#3	152.8192	5.055809	5.321404	4.844112	5.045395	4.942061	4.979781

Sample Name: CCV090 Acquired: 8/13/2018 15:20:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV090 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.976136	5.049695	5.004170
Stddev	.044579	.021990	.013069
%RSD	.8958457	.4354748	.2611567

#1	4.933420	5.025029	4.990846
#2	5.022369	5.067248	5.016967
#3	4.972619	5.056809	5.004697

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1538.180	1925.486	37843.37	4855.885	2641.938
Stddev	10.680	3.406	192.49	38.269	.987
%RSD	.6943005	.1769071	.5086520	.7880971	.0373772

#1	1529.752	1928.374	37664.71	4872.603	2642.641
#2	1550.190	1926.355	38047.22	4882.950	2642.363
#3	1534.596	1921.730	37818.20	4812.101	2640.809

Sample Name: CCB090 Acquired: 8/13/2018 15:24:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB090 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002068	.0014137	.0003351	.0006092	-.000868	.0026557	.0004392
Stddev	.002291	.0006269	.0019562	.0030078	.001440	.0075466	.0002871
%RSD	110.7996	44.34740	583.7007	493.7647	165.9096	284.1615	65.35370

#1	.000415	.0013949	.0022918	.0031190	.000338	-.001869	.0007428
#2	-.002517	.0020498	.0003342	-.002725	-.002462	.011368	.0004025
#3	-.004101	.0007964	-.001621	.001433	-.000480	-.001531	.0001723

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000111	-.000054	.0001228	-.000555	-.000161	-.003283	-.025979
Stddev	.000064	.000039	.0245906	.000427	.000238	.008352	.000646
%RSD	58.14558	72.05904	20019.88	76.89104	147.3050	254.3690	2.487931

#1	-.000044	-.000045	-.015409	-.000496	-.000291	-.006009	-.025234
#2	-.000173	-.000020	.028474	-.000160	.000113	-.009932	-.026385
#3	-.000116	-.000096	-.012697	-.001008	-.000306	.006091	-.026319

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016859	.0416128	-.000351	.0002929	-.039302	-.000211	.0000205
Stddev	.0010935	.0216661	.000182	.0005476	.120601	.003198	.0112582
%RSD	64.86354	52.06585	51.87698	186.9580	306.8566	1515.026	54991.41

#1	.0024982	.0596534	-.000309	-.000259	.094966	.000984	-.004132
#2	.0021169	.0476033	-.000550	.000836	-.074439	.002217	-.008572
#3	.0004425	.0175818	-.000193	.000301	-.138433	-.003834	.012765

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2550229	-.001465	.0079681	.0002633	-.005809	-.001420	-.001244
Stddev	.0094971	.001181	.0003599	.0002103	.002826	.001629	.000716
%RSD	3.724008	80.63734	4.516680	79.87558	48.65569	114.7189	57.53090

#1	.2549852	-.000886	.0078369	.0000542	-.002581	.000418	-.002036
#2	.2645387	-.000685	.0076922	.0002609	-.007007	-.002685	-.001053
#3	.2455447	-.002823	.0083752	.0004749	-.007839	-.001992	-.000643

Sample Name: CCB090 Acquired: 8/13/2018 15:24:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB090 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005440	.0035254	.0000089
Stddev	.0007501	.0012741	.0000835
%RSD	137.8765	36.13983	937.4243

#1	.0006287	.0036739	.0000283
#2	.0012482	.0047187	-.000083
#3	-.000245	.0021835	.000081

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1771.446	2246.380	41305.73	5037.708	3254.247
Stddev	8.705	3.447	141.91	23.605	7.027
%RSD	.4913959	.1534690	.3435572	.4685641	.2159277

#1	1778.725	2245.950	41436.79	5040.275	3253.624
#2	1761.804	2250.022	41155.02	5012.925	3261.565
#3	1773.810	2243.167	41325.39	5059.925	3247.553

Sample Name: PB111982BL Acquired: 8/13/2018 15:28:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) 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	-.000257	.0025784	-.000651	.0000159	.0002914	-.010520	.0000275
Stddev	.005455	.0010918	.001006	.0010643	.0004968	.016668	.0001303
%RSD	2122.418	42.34500	154.5762	6693.887	170.4756	158.4367	473.6096

#1	-.006536	.0038375	-.001713	-.001200	.0002321	-.029433	-.000008
#2	.002447	.0018923	.000289	.000471	-.000173	.002023	-.000081
#3	.003317	.0020055	-.000529	.000777	.000815	-.004149	.000172

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000099	-.000145	-.008602	-.000513	-.000020	-.000339	-.020256
Stddev	.000049	.000050	.004345	.000658	.000073	.001494	.009292
%RSD	49.60058	34.34910	50.51692	128.1529	365.8836	440.1371	45.87341

#1	-.000132	-.000137	-.013442	-.001212	.000048	-.000793	-.009558
#2	-.000123	-.000099	-.007328	-.000422	-.000096	-.001553	-.024894
#3	-.000043	-.000197	-.005036	.000094	-.000011	.001329	-.026315

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006473	.0729766	.0002159	-.000254	-.099778	.0013273	.0163763
Stddev	.0013412	.0195054	.0004125	.000479	.140655	.0057772	.0027984
%RSD	207.1873	26.72828	191.0877	188.5304	140.9685	435.2465	17.08835

#1	-.000249	.0516675	-.000241	.000282	-.073244	-.005255	.0167008
#2	.002189	.0899480	.000562	-.000640	-.251810	.003679	.0134298
#3	.000002	.0773142	.000327	-.000404	.025721	.005558	.0189984

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1099255	.0021057	.0005365	.0002785	-.006614	-.001359	-.002505
Stddev	.1052287	.0021677	.0003900	.0001229	.002873	.000579	.000094
%RSD	95.72726	102.9448	72.68709	44.12287	43.43601	42.55521	3.767357

#1	.1524464	.0025939	.0009501	.0001700	-.006492	-.000801	-.002484
#2	-.009910	.0039876	.0004839	.0002535	-.003804	-.001321	-.002608
#3	.187240	-.000264	.0001755	.0004119	-.009545	-.001956	-.002423

Sample Name: PB111982BL Acquired: 8/13/2018 15:28:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) 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	-.001315	.0014562	-.000102
Stddev	.003217	.0026227	.000103
%RSD	244.6471	180.0992	100.7830

#1	.002378	.0041974	-.000125
#2	-.002810	-.001029	-.000192
#3	-.003512	.001201	.000010

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1755.186	2235.384	40977.14	5022.750	3237.701
Stddev	20.677	7.917	210.24	26.080	11.759
%RSD	1.178076	.3541507	.5130570	.5192417	.3631951

#1	1734.166	2232.911	40752.34	5035.000	3236.327
#2	1755.889	2244.242	41010.16	5040.450	3250.087
#3	1775.503	2228.999	41168.91	4992.800	3226.690

Sample Name: PB111982BS Acquired: 8/13/2018 15:32:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) 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	.0191291	.0537766	.0222320	.0766550	.1263052	.3920542
Stddev	.0009824	.0032245	.0019250	.0031121	.0018904	.0097728
%RSD	5.135777	5.996184	8.658505	4.059919	1.496725	2.492703

#1	.0195178	.0511142	.0234260	.0792917	.1242114	.3828475
#2	.0198576	.0528537	.0232587	.0732221	.1268176	.3910067
#3	.0180117	.0573620	.0200114	.0774514	.1278866	.4023085

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4189819	.0112751	.0107817	10.30824	.0226261	.1017386
Stddev	.0004018	.0000930	.0000408	.01234	.0007768	.0006716
%RSD	.0958913	.8244514	.3780713	.1197162	3.433276	.6601603

#1	.4192494	.0113824	.0107351	10.29478	.0234518	.1011774
#2	.4191765	.0112192	.0108109	10.31093	.0225167	.1015558
#3	.4185199	.0112238	.0107990	10.31901	.0219097	.1024828

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0549728	.1857734	.0352288	9.997256	.0837930	.0209673
Stddev	.0033915	.0103472	.0014642	.146850	.0004122	.0005175
%RSD	6.169470	5.569779	4.156140	1.468899	.4919000	2.467870

#1	.0586585	.1811367	.0367564	9.967893	.0833651	.0210164
#2	.0542761	.1785555	.0350926	9.867306	.0841874	.0204271
#3	.0519837	.1976279	.0338376	10.15657	.0838267	.0214585

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.11801	.1049196	.1158572	9.838881	F .1827563	F .0185963
Stddev	.17044	.0029349	.0211444	.158950	.0064932	.0007538
%RSD	1.684516	2.797252	18.25045	1.615531	3.552920	4.053611

#1	9.94742	.1032263	.1357772	9.840700	.1848038	.0179476
#2	10.11830	.1032239	.0936709	9.996914	.1754862	.0184180
#3	10.28830	.1083085	.1181234	9.679029	.1879789	.0194233

Sample Name: PB111982BS Acquired: 8/13/2018 15:32:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) 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	.0206336	.1883964	.2021715	F .0116453	.1097171	.0972781
Stddev	.0000827	.0037884	.0008470	.0017536	.0002309	.0037532
%RSD	.4010049	2.010844	.4189472	15.05831	.2104537	3.858197

#1	.0205399	.1923652	.2017425	.0131326	.1099780	.0942965
#2	.0206643	.1848189	.2016248	.0120917	.1095391	.0960452
#3	.0206966	.1880051	.2031471	.0097117	.1096343	.1014927

Elem	Sr4077
Units	ppm
Avg	.2125577
Stddev	.0001464
%RSD	.0688514

#1	.2126782
#2	.2126000
#3	.2123948

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1751.175	2207.947	40902.20	4989.242	3234.742
Stddev	10.217	9.345	58.53	16.036	10.149
%RSD	.5834086	.4232618	.1431038	.3214100	.3137581

#1	1739.378	2208.597	40836.55	4998.475	3232.327
#2	1757.073	2216.950	40948.94	4998.525	3245.881
#3	1757.073	2198.293	40921.10	4970.725	3226.018

Sample Name: PB111983BL Acquired: 8/13/2018 15:37:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) 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	-.004166	.0011581	.0008543	.0001267	.0002738	-.009803	-.000924
Stddev	.001249	.0024746	.0005515	.0037896	.0014171	.009843	.000371
%RSD	29.98912	213.6818	64.56244	2990.311	517.5093	100.4002	40.13296

#1	-.005450	.0029157	.0014737	-.004247	-.000444	.001433	-.001279
#2	-.004093	.0022304	.0004165	.002183	-.000640	-.016900	-.000539
#3	-.002955	-.001672	.0006727	.002444	.001906	-.013943	-.000953

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000118	-.000081	-.006216	-.000296	-.000271	.0042946	-.030401
Stddev	.000086	.000095	.008347	.000277	.000247	.0033788	.021753
%RSD	73.32828	118.2921	134.2750	93.55876	91.05438	78.67603	71.55632

#1	-.000051	-.000188	-.012360	.000012	-.000303	.0062048	-.010555
#2	-.000087	-.000047	.003287	-.000374	-.000010	.0003934	-.026988
#3	-.000215	-.000006	-.009576	-.000525	-.000500	.0062857	-.053658

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008589	.0286087	-.000389	-.000076	-.054425	-.007349	.0011386
Stddev	.0027754	.0412779	.000648	.000427	.406854	.006375	.0140315
%RSD	323.1368	144.2845	166.5571	558.9798	747.5454	86.73732	1232.329

#1	-.002273	.0117878	-.001027	-.000073	.360350	-.006381	.0042297
#2	.001838	.0756411	.000268	-.000506	-.452866	-.014153	.0133669
#3	.003012	-.001603	-.000407	.000349	-.070760	-.001514	-.014181

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1005701	.0001160	-.003975	-.000037	-.008712	-.001466	-.001749
Stddev	.0756212	.0009656	.000714	.000189	.001703	.001591	.000309
%RSD	75.19255	832.2614	17.95466	514.0495	19.55345	108.5085	17.68910

#1	.0841289	-.000661	-.003500	.000171	-.009590	-.000244	-.001817
#2	.0345220	-.000188	-.004795	-.000200	-.009797	-.000890	-.002019
#3	.1830593	.001197	-.003629	-.000081	-.006748	-.003265	-.001411

Sample Name: PB111983BL Acquired: 8/13/2018 15:37:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) 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	-.000663	.0000256	.0000759
Stddev	.002858	.0010438	.0000692
%RSD	431.0079	4075.787	91.20419

#1	.002341	.0011023	-.000004
#2	-.000982	-.000044	.000113
#3	-.003347	-.000982	.000119

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1732.092	2202.179	40759.70	4990.525	3205.168
Stddev	.538	6.194	100.01	30.026	8.138
%RSD	.0310527	.2812475	.2453534	.6016526	.2539021

#1	1732.710	2208.540	40716.79	4961.025	3213.850
#2	1731.833	2201.831	40874.00	5021.050	3203.939
#3	1731.733	2196.167	40688.31	4989.500	3197.714

Sample Name: PB111983BS Acquired: 8/13/2018 15:41:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) 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	.0181584	.0527153	.0213152	.0747317	.1238566	.3992614
Stddev	.0029291	.0060916	.0015088	.0017196	.0014324	.0075180
%RSD	16.13103	11.55561	7.078441	2.301078	1.156469	1.882978

#1	.0158359	.0465070	.0199761	.0752026	.1254419	.4078482
#2	.0214491	.0586831	.0229499	.0728257	.1226556	.3960727
#3	.0171902	.0529557	.0210196	.0761669	.1234722	.3938632

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4131975	.0111516	.0107034	10.18206	.0222802	.1005094
Stddev	.0011965	.0001376	.0000034	.07635	.0005256	.0013229
%RSD	.2895779	1.233492	.0313223	.7498409	2.359246	1.316236

#1	.4138840	.0109946	.0107015	10.24958	.0228611	.1004332
#2	.4138927	.0112512	.0107015	10.19739	.0218374	.0992263
#3	.4118159	.0112089	.0107073	10.09921	.0221421	.1018688

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0544980	.2019385	.0343975	9.902261	.0833901	.0203173
Stddev	.0028823	.0064175	.0010708	.068183	.0001735	.0006067
%RSD	5.288791	3.177966	3.113019	.6885575	.2080319	2.986200

#1	.0576880	.2032985	.0356116	9.824946	.0835781	.0209892
#2	.0520813	.2075671	.0335876	9.928052	.0832363	.0198097
#3	.0537245	.1949500	.0339934	9.953787	.0833558	.0201529

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.940893	.1027486	.1170300	9.505323	F .1814669	F .0144328
Stddev	.350511	.0016162	.0041522	.146890	.0014449	.0012981
%RSD	3.525952	1.572962	3.547945	1.545341	.7962476	8.994357

#1	10.30247	.1025192	.1129553	9.336298	.1825415	.0130951
#2	9.91759	.1012593	.1168794	9.577609	.1798243	.0145160
#3	9.60262	.1044672	.1212555	9.602063	.1820350	.0156874

Sample Name: PB111983BS Acquired: 8/13/2018 15:41:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) 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	.0202247	.1878609	.1996811	F .0111705	.1057369	.0942988
Stddev	.0003200	.0031018	.0021010	.0006366	.0004111	.0024206
%RSD	1.582033	1.651102	1.052158	5.699209	.3888235	2.566893

#1	.0203624	.1849212	.1972992	.0109187	.1052629	.0923781
#2	.0198589	.1875587	.2012707	.0106982	.1059961	.0970177
#3	.0204528	.1911026	.2004734	.0118945	.1059517	.0935008

Elem	Sr4077
Units	ppm
Avg	.2097895
Stddev	.0002816
%RSD	.1342210

#1	.2099792
#2	.2099234
#3	.2094660

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1780.902	2244.070	41624.26	5112.250	3291.574
Stddev	13.812	7.931	246.00	23.299	9.605
%RSD	.7755405	.3534206	.5910030	.4557420	.2918174

#1	1777.878	2246.001	41508.83	5138.375	3300.105
#2	1795.975	2250.857	41906.75	5093.625	3293.445
#3	1768.853	2235.352	41457.21	5104.750	3281.170

Sample Name: J4436-01 Acquired: 8/13/2018 15:45:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB466 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0841022	-.007378	.6636128	.0217905	-.002071	154.9629	1.021432
Stddev	.0018798	.003903	.0034507	.0046705	.001290	.5114	.001497
%RSD	2.235182	52.89819	.5199807	21.43387	62.28363	.3300365	.1465794

#1	.0830150	-.003159	.6610578	.0210105	-.002004	154.6709	1.022990
#2	.0862728	-.008117	.6622424	.0268019	-.003393	154.6643	1.020005
#3	.0830188	-.010859	.6675382	.0175590	-.000816	155.5534	1.021300

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0127116	.0024725	23.11665	2.186351	.1865650	.3426901	355.7943
Stddev	.0000351	.0003154	.04383	.006206	.0004152	.0052623	.7767
%RSD	.2762007	12.75572	.1896016	.2838473	.2225705	1.535591	.2183045

#1	.0127395	.0024390	23.13523	2.179634	.1863871	.3487292	355.1171
#2	.0127230	.0021753	23.06660	2.187546	.1862684	.3402525	356.6422
#3	.0126722	.0028034	23.14814	2.191872	.1870396	.3390886	355.6237

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.069257	35.63257	.3128593	-.013009	2.500824	.4176037	1.017883
Stddev	.005173	.06446	.0013515	.000218	.158019	.0011075	.023799
%RSD	.0731785	.1809094	.4319730	1.672998	6.318696	.2652064	2.338064

#1	7.064305	35.66924	.3121392	-.013122	2.527300	.4173434	1.017763
#2	7.074626	35.55813	.3120204	-.013147	2.331239	.4188181	.994144
#3	7.068840	35.67032	.3144183	-.012758	2.643934	.4166495	1.041741

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.30695	6.141192	.4453425	.0085655	2.455681	17.78325	.0428069
Stddev	.08862	.044367	.0014439	.0000288	.018479	.05308	.0016413
%RSD	.5789436	.7224430	.3242220	.3366821	.7525069	.2984738	3.834178

#1	15.20482	6.105128	.4458943	.0085936	2.459406	17.72232	.0435936
#2	15.35253	6.127714	.4464291	.0085670	2.435623	17.80799	.0439067
#3	15.36350	6.190735	.4437041	.0085359	2.472014	17.81945	.0409203

Sample Name: J4436-01 Acquired: 8/13/2018 15:45:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB466 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.488360	.2039319	.1730894
Stddev	.005027	.0001283	.0003408
%RSD	.2020031	.0629233	.1968687

#1	2.485543	.2040799	.1733411
#2	2.485375	.2038515	.1732256
#3	2.494164	.2038643	.1727016

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2047.143	2604.583	48647.70	6096.340	3152.409
Stddev	11.691	5.070	185.44	36.337	9.198
%RSD	.5711077	.1946426	.3811807	.5960415	.2917639

#1	2057.364	2609.579	48861.16	6121.284	3159.356
#2	2034.395	2604.727	48526.41	6054.650	3155.893
#3	2049.671	2599.443	48555.54	6113.087	3141.979

Sample Name: J4436-02 Acquired: 8/13/2018 15:49:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB467 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0768917	-.010762	.7642893	.0290077	-.000357	185.5087	1.062021
Stddev	.0018882	.003547	.0045192	.0040721	.001020	.2743	.002892
%RSD	2.455697	32.96251	.5913004	14.03793	285.5472	.1478540	.2722811

#1	.0756484	-.014790	.7636076	.0279366	-.000144	185.7473	1.062931
#2	.0759623	-.009393	.7601497	.0335083	-.001467	185.5699	1.058783
#3	.0790645	-.008103	.7691107	.0255782	.000539	185.2090	1.064347

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0144749	-.000175	20.20201	1.947954	.2210344	.3465603	416.3829
Stddev	.0002135	.000045	.01955	.008842	.0007139	.0028290	2.0845
%RSD	1.475254	25.71119	.0967588	.4539202	.3229989	.8163144	.5006147

#1	.0146464	-.000123	20.22223	1.956147	.2204072	.3482465	417.2407
#2	.0142357	-.000206	20.20060	1.949135	.2208845	.3432942	414.0063
#3	.0145426	-.000196	20.18321	1.938581	.2218113	.3481403	417.9015

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.135406	39.62620	.3964671	-.016896	2.581563	.4720170	.9046965
Stddev	.033761	.33702	.0017144	.000228	.228360	.0059163	.0279304
%RSD	.4149852	.8504877	.4324137	1.349924	8.845815	1.253412	3.087264

#1	8.133551	39.73057	.3946066	-.016894	2.778854	.4690160	.8885572
#2	8.102610	39.24934	.3968117	-.016668	2.634429	.4682026	.9369477
#3	8.170055	39.89868	.3979830	-.017124	2.331406	.4788324	.8885846

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.56193	5.648724	.5143048	.0103721	1.250087	21.95092	.0467755
Stddev	.07145	.038785	.0024528	.0005048	.005225	.04864	.0018813
%RSD	.4591627	.6866218	.4769080	4.866935	.4180060	.2215966	4.022078

#1	15.60831	5.640003	.5138715	.0098704	1.246196	21.99319	.0449452
#2	15.47964	5.615041	.5120975	.0108799	1.248038	21.89775	.0487040
#3	15.59784	5.691127	.5169453	.0103660	1.256026	21.96181	.0466772

Sample Name: J4436-02 Acquired: 8/13/2018 15:49:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB467 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.766022	.2484986	.1768422
Stddev	.034956	.0012657	.0007544
%RSD	1.263766	.5093266	.4265809

#1	2.768882	.2497614	.1772576
#2	2.799460	.2472301	.1759714
#3	2.729724	.2485044	.1772976

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2081.211	2656.701	49908.10	6251.973	3140.522
Stddev	2.122	5.443	195.95	64.301	2.293
%RSD	.1019738	.2048700	.3926201	1.028492	.0730110

#1	2078.812	2651.430	49824.44	6218.750	3141.123
#2	2082.843	2662.300	50131.99	6326.089	3142.455
#3	2081.980	2656.372	49767.86	6211.079	3137.989

Sample Name: J4436-03 Acquired: 8/13/2018 15:53:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB468 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1217259	-.007853	1.247519	.0205514	-.000359	129.4855	1.171957
Stddev	.0038325	.004676	.004409	.0054372	.000821	.4747	.001408
%RSD	3.148501	59.54622	.3533817	26.45660	229.0767	.3665730	.1201680

#1	.1261457	-.004154	1.246944	.0208666	-.000437	129.0836	1.170720
#2	.1197080	-.006295	1.243426	.0149635	.000499	130.0092	1.173490
#3	.1193238	-.013109	1.252187	.0258242	-.001138	129.3637	1.171662

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112791	.0100902	38.94877	1.490414	.1496060	.3840017	301.8073
Stddev	.0001387	.0002453	.05518	.003007	.0004793	.0041557	.3666
%RSD	1.230095	2.430782	.1416630	.2017229	.3203663	1.082210	.1214517

#1	.0114393	.0101939	38.94985	1.493745	.1491633	.3821057	301.4142
#2	.0111964	.0098101	39.00340	1.489597	.1495398	.3887673	301.8677
#3	.0112017	.0102665	38.89306	1.487900	.1501150	.3811321	302.1398

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.128540	39.54470	.2854077	-.009002	2.731416	.3522232	1.889353
Stddev	.015275	.12086	.0007624	.000570	.040285	.0054213	.049761
%RSD	.2492456	.3056250	.2671123	6.331029	1.474883	1.539164	2.633742

#1	6.111451	39.45452	.2857642	-.008360	2.735333	.3534965	1.835051
#2	6.140866	39.49755	.2845324	-.009447	2.689316	.3462786	1.932770
#3	6.133303	39.68203	.2859265	-.009198	2.769600	.3568945	1.900239

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.26522	6.682593	.3760857	.0066514	2.834404	12.49081	.0627018
Stddev	.09510	.013019	.0009145	.0005309	.003475	.07135	.0018663
%RSD	.8442311	.1948120	.2431656	7.981736	.1226026	.5711869	2.976533

#1	11.36633	6.682266	.3751841	.0061669	2.835867	12.41930	.0646951
#2	11.17756	6.669742	.3770126	.0065686	2.830437	12.56200	.0609957
#3	11.25177	6.695772	.3760603	.0072189	2.836909	12.49114	.0624145

Sample Name: J4436-03 Acquired: 8/13/2018 15:53:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MCB468 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.492418	.1782313	.2299084
Stddev	.013871	.0013872	.0006312
%RSD	.5565163	.7783284	.2745670

#1	2.476401	.1782397	.2297405
#2	2.500454	.1768399	.2293781
#3	2.500398	.1796143	.2306066

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2048.900	2605.279	48534.10	6086.025	3179.121
Stddev	20.069	6.425	120.43	4.319	6.177
%RSD	.9794778	.2466190	.2481254	.0709659	.1942941

#1	2072.023	2612.042	48672.42	6088.583	3184.126
#2	2036.017	2604.540	48452.55	6081.038	3181.021
#3	2038.661	2599.256	48477.33	6088.452	3172.218

Sample Name: J4437-01 Acquired: 8/13/2018 15:57:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB480 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0790092	-.004306	1.411697	.0188268	-.006327	122.1384	1.193723
Stddev	.0050672	.004948	.005842	.0051326	.000897	.5059	.001537
%RSD	6.413482	114.8912	.4138114	27.26246	14.17603	.4141661	.1287347

#1	.0732102	-.001293	1.405840	.0226034	-.006255	121.7005	1.193610
#2	.0825835	-.010017	1.417523	.0129829	-.007258	122.6921	1.192245
#3	.0812340	-.001609	1.411726	.0208941	-.005469	122.0226	1.195313

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104151	.0126477	44.02303	2.582879	.1383631	.4165002	281.1619
Stddev	.0001003	.0000572	.07190	.003709	.0008421	.0052277	.4887
%RSD	.9628562	.4518903	.1633296	.1436149	.6086269	1.255144	.1738237

#1	.0103748	.0127109	44.04379	2.586441	.1389466	.4106231	281.5315
#2	.0103411	.0125996	43.94303	2.583160	.1373977	.4182459	280.6078
#3	.0105292	.0126326	44.08227	2.579038	.1387450	.4206317	281.3465

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.657113	37.50019	.3356250	-.006027	2.332188	.3505398	5.979686
Stddev	.013928	.18230	.0011025	.000246	.279405	.0018564	.086231
%RSD	.2462111	.4861396	.3285034	4.080405	11.98036	.5295771	1.442059

#1	5.651338	37.61092	.3356130	-.006307	2.150485	.3485401	5.917886
#2	5.647000	37.28978	.3345285	-.005931	2.192162	.3522082	6.078197
#3	5.672999	37.59988	.3367335	-.005844	2.653918	.3508712	5.942973

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.63367	6.627377	.3574143	.0064027	2.813625	12.54650	.0604829
Stddev	.06187	.008903	.0025903	.0003192	.003119	.08966	.0014272
%RSD	.5318391	.1343314	.7247334	4.985985	.1108665	.7145942	2.359624

#1	11.56512	6.625445	.3602605	.0060424	2.815345	12.47821	.0593785
#2	11.68537	6.619599	.3551948	.0065153	2.815506	12.64803	.0599758
#3	11.65052	6.637087	.3567877	.0066503	2.810024	12.51326	.0620943

Sample Name: J4437-01 Acquired: 8/13/2018 15:57:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB480 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.774023	.1612368	.2462890
Stddev	.033321	.0018529	.0005673
%RSD	1.201192	1.149170	.2303331

#1	2.789914	.1633424	.2464819
#2	2.796425	.1598554	.2467346
#3	2.735731	.1605125	.2456504

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1977.051	2521.731	46917.22	5858.004	3113.868
Stddev	7.682	.842	83.86	17.537	2.275
%RSD	.3885627	.0333775	.1787506	.2993670	.0730560

#1	1977.068	2521.054	46830.68	5868.233	3113.930
#2	1969.360	2521.464	46998.13	5868.025	3116.112
#3	1984.724	2522.673	46922.85	5837.755	3111.563

Sample Name: J4437-02 Acquired: 8/13/2018 16:01:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB481 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1171878	-.007937	.7234622	.0180631	-.001733	134.8305	1.026156
Stddev	.0013460	.001775	.0025921	.0035542	.001836	.2547	.006935
%RSD	1.148573	22.36181	.3582906	19.67645	105.9227	.1889155	.6758209

#1	.1177581	-.009986	.7210783	.0176772	-.001595	135.1238	1.033445
#2	.1156506	-.006919	.7262216	.0147176	.000030	134.6644	1.025384
#3	.1181548	-.006905	.7230869	.0217944	-.003634	134.7034	1.019640

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112119	.0082749	21.21988	1.811370	.1433658	.3208462	298.1742
Stddev	.0000358	.0002469	.10882	.003256	.0010871	.0050482	2.1343
%RSD	.3188498	2.983343	.5128213	.1797351	.7582739	1.573410	.7157863

#1	.0112249	.0079996	21.34545	1.809615	.1430118	.3234946	300.3981
#2	.0112393	.0083485	21.15316	1.809368	.1424998	.3150249	297.9819
#3	.0111715	.0084766	21.16104	1.815127	.1445858	.3240191	296.1426

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.468202	33.07760	.3286346	-.008683	2.235302	.3403846	2.045537
Stddev	.028707	.21387	.0002591	.000827	.224206	.0069823	.029301
%RSD	.5249758	.6465617	.0788308	9.524021	10.03024	2.051287	1.432453

#1	5.499989	33.27511	.3288994	-.007752	2.332744	.3439184	2.031021
#2	5.460449	33.10724	.3283817	-.009331	2.394300	.3448936	2.079262
#3	5.444169	32.85047	.3286227	-.008966	1.978862	.3323419	2.026327

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.38404	5.919886	.3715215	.0063466	2.197532	15.64156	.0471486
Stddev	.04460	.036137	.0043929	.0004244	.017491	.26846	.0001840
%RSD	.3601070	.6104342	1.182408	6.687396	.7959598	1.716322	.3901479

#1	12.38321	5.897441	.3765276	.0065180	2.195235	15.58322	.0469725
#2	12.42905	5.900644	.3683102	.0058633	2.181302	15.93440	.0473395
#3	12.33987	5.961572	.3697267	.0066585	2.216058	15.40707	.0471340

Sample Name: J4437-02 Acquired: 8/13/2018 16:01:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MCB481 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.229721	.1843082	.1786865
Stddev	.024174	.0025868	.0006167
%RSD	1.084158	1.403524	.3451087

#1	2.249420	.1872850	.1793985
#2	2.202745	.1830338	.1783352
#3	2.236998	.1826059	.1783257

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2022.924	2592.702	48027.90	5997.693	3178.629
Stddev	2.669	4.904	138.03	10.400	12.361
%RSD	.1319505	.1891413	.2873996	.1734010	.3888846

#1	2023.260	2593.894	48019.97	5990.174	3172.724
#2	2025.409	2596.900	48169.73	5993.344	3192.835
#3	2020.103	2587.312	47894.01	6009.562	3170.327

Sample Name: J4436-04 Acquired: 8/13/2018 16:05:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB469 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1363407	-.009586	.9064363	.0269786	.0051908	166.7052	1.214296
Stddev	.0013379	.003312	.0087678	.0013288	.0010602	.0990	.001559
%RSD	.9812939	34.55235	.9672823	4.925391	20.42445	.0593564	.1283991

#1	.1378806	-.007279	.8969736	.0262843	.0063170	166.7806	1.215383
#2	.1356788	-.008097	.9080505	.0285107	.0050434	166.7418	1.212509
#3	.1354629	-.013381	.9142849	.0261407	.0042121	166.5932	1.214995

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0134150	.0088319	28.73181	.8557182	.1824261	.3845034	362.6566
Stddev	.0000694	.0001311	.02588	.0014674	.0003887	.0033539	.5555
%RSD	.5175751	1.484401	.0900828	.1714772	.2130925	.8722641	.1531742

#1	.0134351	.0087143	28.75473	.8544428	.1827754	.3866375	362.2564
#2	.0133377	.0089732	28.70374	.8553899	.1824956	.3862351	362.4226
#3	.0134722	.0088082	28.73697	.8573219	.1820073	.3806376	363.2908

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.647669	42.16445	.3505311	-.011798	2.496016	.4165468	1.785781
Stddev	.026911	.05405	.0012590	.000243	.502593	.0088663	.023248
%RSD	.4048233	.1281826	.3591640	2.055880	20.13583	2.128520	1.301849

#1	6.616796	42.10399	.3497243	-.011570	2.881041	.4226482	1.759317
#2	6.666161	42.18128	.3498872	-.011771	2.679559	.4206158	1.802915
#3	6.660052	42.20807	.3519818	-.012053	1.927449	.4063764	1.795112

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.92896	6.960652	.4694399	.0075183	2.571015	12.61030	.0515620
Stddev	.08314	.038711	.0013071	.0001266	.008673	.06498	.0012100
%RSD	.6430795	.5561450	.2784324	1.683933	.3373467	.5152937	2.346590

#1	12.92987	6.946314	.4691391	.0076475	2.561004	12.54389	.0528634
#2	13.01164	6.931155	.4683094	.0075129	2.575765	12.61327	.0513511
#3	12.84536	7.004487	.4708712	.0073945	2.576275	12.67375	.0504713

Sample Name: J4436-04 Acquired: 8/13/2018 16:05:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB469 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.454611	.2287763	.2113164
Stddev	.020833	.0022041	.0004575
%RSD	.8487262	.9634249	.2164956

#1	2.445961	.2265579	.2112904
#2	2.478375	.2288053	.2117864
#3	2.439497	.2309658	.2108725

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2068.124	2626.148	48654.34	6073.164	3104.539
Stddev	1.030	6.583	150.34	13.682	8.396
%RSD	.0498134	.2506837	.3089946	.2252935	.2704369

#1	2067.674	2622.831	48490.58	6073.085	3105.022
#2	2069.303	2633.730	48786.10	6059.521	3112.684
#3	2067.396	2621.883	48686.34	6086.886	3095.913

Sample Name: J4436-05 Acquired: 8/13/2018 16:09:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB470 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0589997	-.011431	2.931258	.0220383	-.003320	161.6398
Stddev	.0018169	.001505	.016689	.0026637	.003076	.5713
%RSD	3.079501	13.16893	.5693321	12.08646	92.64310	.3534675

#1	.0572339	-.010978	2.922565	.0248415	-.006788	161.8607
#2	.0589014	-.010204	2.920711	.0217329	-.002248	160.9910
#3	.0608637	-.013111	2.950499	.0195406	-.000924	162.0677

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.939513	.0135072	.0063824	31.10429	1.750669	.1676739
Stddev	.007479	.0000945	.0000417	.08754	.001320	.0006957
%RSD	.3856122	.6995166	.6537721	.2814442	.0754154	.4149054

#1	1.937773	.0135390	.0063575	31.10319	1.750933	.1668752
#2	1.933057	.0134009	.0063591	31.01731	1.751838	.1679995
#3	1.947709	.0135817	.0064306	31.19239	1.749237	.1681472

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4286107	F 309.9412	7.274875	35.38978	.2913538	-.010278
Stddev	.0096600	1.6196	.022564	.16773	.0010350	.000498
%RSD	2.253806	.5225411	.3101630	.4739514	.3552456	4.841287

#1	.4354162	308.0861	7.250182	35.19633	.2913639	-.010139
#2	.4175542	310.6638	7.280023	35.47825	.2903137	-.009865
#3	.4328618	311.0737	7.294420	35.49475	.2923836	-.010831

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.154629	.4670264	1.974653	11.45472	11.59929	.3804749
Stddev	.094529	.0065757	.018725	.02787	.03649	.0082622
%RSD	4.387242	1.407990	.9482498	.2433209	.3146161	2.171550

#1	2.178050	.4658729	1.991389	11.42311	11.57182	.3714477
#2	2.235246	.4741025	1.954430	11.46529	11.58535	.3823153
#3	2.050592	.4611037	1.978141	11.47576	11.64070	.3876618

Sample Name: J4436-05 Acquired: 8/13/2018 16:09:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB470 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089928	2.480921	14.45828	.0930785	2.975539	.1537184
Stddev	.0003222	.013214	.11471	.0005144	.018456	.0007140
%RSD	3.583280	.5326321	.7934035	.5526494	.6202497	.4644909

#1	.0087540	2.481261	14.48585	.0935260	2.960287	.1532664
#2	.0093593	2.467540	14.33230	.0925165	2.970275	.1545416
#3	.0088650	2.493962	14.55670	.0931929	2.996055	.1533473

Elem	Sr4077
Units	ppm
Avg	.1900659
Stddev	.0003552
%RSD	.1868596

#1	.1899877
#2	.1897563
#3	.1904536

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2344.305	2967.888	55446.55	6940.179	3152.008
Stddev	19.176	9.347	160.52	14.717	15.060
%RSD	.8179774	.3149415	.2895044	.2120614	.4777910

#1	2349.970	2970.792	55577.09	6923.202	3155.512
#2	2360.011	2975.438	55495.24	6949.336	3165.007
#3	2322.935	2957.433	55267.32	6947.998	3135.505

Sample Name: J4436-06 Acquired: 8/13/2018 16:13:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB471 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0686109	-.012022	7.131482	.0176204	.0044364	138.4582	3.077470
Stddev	.0026271	.002448	.043657	.0038444	.0004005	.5955	.003078
%RSD	3.828929	20.36197	.6121692	21.81780	9.028239	.4300835	.1000332

#1	.0708162	-.013959	7.110252	.0206397	.0047027	137.8881	3.078478
#2	.0693122	-.009271	7.102501	.0189289	.0046308	139.0762	3.079917
#3	.0657044	-.012836	7.181694	.0132926	.0039758	138.4103	3.074013

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0129833	.0134623	52.94113	1.135916	.1524900	.6518513	280.3583
Stddev	.0001396	.0002223	.02713	.002305	.0010862	.0031809	1.4742
%RSD	1.075018	1.651549	.0512393	.2029217	.7123155	.4879729	.5258266

#1	.0130964	.0132127	52.97167	1.134726	.1524468	.6544413	282.0605
#2	.0130261	.0135350	52.91983	1.134449	.1514261	.6528117	279.5215
#3	.0128273	.0136392	52.93189	1.138573	.1535972	.6483009	279.4928

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.415190	33.67514	.3392240	-.009080	2.136385	.4459537	3.845585
Stddev	.027710	.20267	.0017410	.000279	.177506	.0042830	.069771
%RSD	.3736976	.6018309	.5132165	3.067623	8.308719	.9604071	1.814325

#1	7.443691	33.72610	.3383826	-.008775	2.230303	.4418090	3.848943
#2	7.388345	33.45186	.3380636	-.009321	1.931651	.4456893	3.913616
#3	7.413536	33.84747	.3412258	-.009144	2.247201	.4503627	3.774195

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.371179	9.904304	.3480281	.0122019	3.182048	11.80221	.1183243
Stddev	.059658	.063224	.0031429	.0001021	.029428	.19511	.0017475
%RSD	.7126641	.6383521	.9030609	.8368789	.9248226	1.653191	1.476880

#1	8.307292	9.849569	.3490210	.0122091	3.162357	11.83967	.1178857
#2	8.380807	9.889833	.3505546	.0120964	3.167909	11.97587	.1168378
#3	8.425438	9.973509	.3445086	.0123002	3.215877	11.59108	.1202493

Sample Name: J4436-06 Acquired: 8/13/2018 16:13:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MCB471 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.759013	.1500369	.3584114
Stddev	.021480	.0007844	.0001194
%RSD	.7785333	.5228309	.0332996

#1	2.761628	.1509260	.3585467
#2	2.779065	.1497418	.3583209
#3	2.736345	.1494427	.3583668

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2301.505	2942.023	54437.60	6843.179	3143.334
Stddev	17.725	3.490	119.56	20.065	9.141
%RSD	.7701432	.1186095	.2196296	.2932057	.2908104

#1	2297.177	2945.334	54484.32	6838.069	3149.168
#2	2286.345	2938.379	54301.74	6865.304	3148.037
#3	2320.993	2942.357	54526.75	6826.163	3132.799

Sample Name: J4436-07 Acquired: 8/13/2018 16:17:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB472 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0748119	-.005016	.5477070	.0143761	-.007081	97.13352	.7936321
Stddev	.0004347	.001770	.0012890	.0006217	.001715	.29263	.0009252
%RSD	.5810636	35.28615	.2353504	4.324288	24.21194	.3012655	.1165740

#1	.0749553	-.006958	.5478947	.0140962	-.008957	96.93316	.7939872
#2	.0751568	-.004597	.5463345	.0139437	-.005595	97.46934	.7925820
#3	.0743236	-.003493	.5488920	.0150885	-.006692	96.99808	.7943272

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082413	.0048710	39.07848	2.515789	.1168371	.2067398	242.8709
Stddev	.0002827	.0000852	.05769	.007837	.0006472	.0066128	1.1625
%RSD	3.429983	1.748352	.1476273	.3115217	.5539549	3.198627	.4786375

#1	.0079892	.0047824	39.02636	2.523920	.1169651	.1993889	243.7378
#2	.0081879	.0049523	39.06863	2.508283	.1161355	.2086254	241.5500
#3	.0085469	.0048783	39.14047	2.515164	.1174108	.2122049	243.3250

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.952654	31.89060	.2367348	-.006540	2.123563	.2649327	1.021738
Stddev	.009691	.16297	.0006310	.000185	.290134	.0021110	.032198
%RSD	.1628020	.5110289	.2665569	2.831288	13.66260	.7967968	3.151288

#1	5.943762	31.97020	.2366688	-.006416	1.907175	.2625534	1.021873
#2	5.951216	31.70313	.2361394	-.006450	2.010263	.2665812	1.053868
#3	5.962983	31.99847	.2373963	-.006753	2.453252	.2656633	.989473

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.79086	5.926358	.3138773	.0033202	1.989601	14.36217	.0429359
Stddev	.14745	.019814	.0030908	.0003836	.005562	.12622	.0015776
%RSD	1.366425	.3343330	.9847174	11.55341	.2795751	.8788237	3.674289

#1	10.89625	5.931397	.3173626	.0029123	1.989409	14.31617	.0412754
#2	10.62236	5.904511	.3114693	.0033746	1.984137	14.26541	.0431174
#3	10.85396	5.943165	.3127999	.0036737	1.995257	14.50494	.0444148

Sample Name: J4436-07 Acquired: 8/13/2018 16:17:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MCB472 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.609877	.1584106	.2864773
Stddev	.022640	.0002059	.0010640
%RSD	.8674744	.1299574	.3714002

#1	2.589471	.1583986	.2868629
#2	2.634232	.1586222	.2852743
#3	2.605927	.1582110	.2872947

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1950.699	2484.022	46132.20	5674.911	3154.639
Stddev	16.861	1.161	259.39	27.210	7.364
%RSD	.8643494	.0467528	.5622738	.4794802	.2334255

#1	1949.940	2483.076	46110.16	5680.728	3153.943
#2	1934.230	2485.318	45884.53	5698.742	3162.326
#3	1967.926	2483.672	46401.91	5645.263	3147.648

Sample Name: J4436-08 Acquired: 8/13/2018 16:21:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB473 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1209236	-.003588	.5154451	.0202309	-.003422	92.93109	.8287799
Stddev	.0050430	.001531	.0032054	.0012339	.001420	.34388	.0053628
%RSD	4.170423	42.65537	.6218641	6.098862	41.49466	.3700341	.6470754

#1	.1265177	-.005279	.5156028	.0204267	-.005041	92.88642	.8347195
#2	.1195272	-.003188	.5121638	.0189109	-.002385	93.29512	.8273268
#3	.1167259	-.002297	.5185687	.0213552	-.002841	92.61173	.8242933

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086184	.0096944	27.39849	1.614313	.1227288	.2415253	242.7877
Stddev	.0001478	.0002577	.15214	.006811	.0005681	.0033278	1.2677
%RSD	1.715518	2.658288	.5552965	.4218842	.4628575	1.377829	.5221535

#1	.0087490	.0094027	27.57351	1.621732	.1221882	.2452682	244.2185
#2	.0086482	.0097893	27.32407	1.608345	.1226773	.2404071	241.8044
#3	.0084579	.0098913	27.29787	1.612861	.1233208	.2389006	242.3403

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.730889	31.68042	.2508077	-.004819	2.311575	.2454765	1.424846
Stddev	.016641	.10083	.0010943	.000178	.231731	.0035416	.051630
%RSD	.2903760	.3182661	.4363058	3.701355	10.02480	1.442725	3.623557

#1	5.748166	31.56402	.2495677	-.004619	2.442294	.2414733	1.369326
#2	5.729535	31.73670	.2512177	-.004877	2.044019	.2467550	1.433798
#3	5.714967	31.74055	.2516379	-.004962	2.448413	.2482014	1.471415

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.32732	6.926451	.3089096	.0031733	2.520656	12.45965	.0334641
Stddev	.05296	.027436	.0017555	.0005096	.016673	.16604	.0008862
%RSD	.5128165	.3961045	.5682904	16.05738	.6614610	1.332591	2.648333

#1	10.38381	6.895040	.3109139	.0025941	2.501424	12.26801	.0327245
#2	10.31937	6.945727	.3081700	.0033733	2.531042	12.55036	.0344464
#3	10.27879	6.938585	.3076449	.0035526	2.529502	12.56057	.0332214

Sample Name: J4436-08 Acquired: 8/13/2018 16:21:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB473 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.310966	.1662903	.2220036
Stddev	.015780	.0013455	.0002688
%RSD	.6828470	.8091437	.1210823

#1	2.304862	.1671076	.2222392
#2	2.328887	.1670260	.2220608
#3	2.299150	.1647373	.2217108

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1955.785	2503.393	46111.03	5697.188	3159.357
Stddev	14.636	6.930	95.19	24.694	1.365
%RSD	.7483513	.2768295	.2064307	.4334386	.0432157

#1	1972.477	2496.028	46217.71	5683.821	3159.684
#2	1945.147	2504.364	46034.80	5682.059	3157.858
#3	1949.731	2509.786	46080.56	5725.683	3160.529

Sample Name: J4436-09 Acquired: 8/13/2018 16:25:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB474 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0571367	-.011117	2.353521	.0190055	.0026974	70.31192	1.526960
Stddev	.0025752	.002128	.013017	.0011680	.0028615	.21516	.005272
%RSD	4.507116	19.14465	.5530719	6.145319	106.0831	.3060096	.3452499

#1	.0559055	-.010375	2.341546	.0190048	.0057435	70.29057	1.520971
#2	.0600964	-.013517	2.351640	.0201739	.0022831	70.53696	1.529007
#3	.0554082	-.009459	2.367375	.0178380	.0000656	70.10823	1.530901

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100315	.0051076	27.32124	1.808229	.1138999	.3443356	236.7087
Stddev	.0002232	.0000671	.10057	.003213	.0005498	.0078385	.8951
%RSD	2.224809	1.314033	.3680968	.1776636	.4826995	2.276400	.3781405

#1	.0102760	.0051696	27.21518	1.811757	.1136005	.3532674	236.5492
#2	.0098386	.0050364	27.41523	1.805472	.1135649	.3386014	235.9041
#3	.0099800	.0051167	27.33331	1.807459	.1145345	.3411381	237.6728

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.231383	21.24413	.1510703	-.007710	1.706973	.3759830	1.328029
Stddev	.016277	.05895	.0014996	.000718	.110191	.0037304	.016947
%RSD	.2612129	.2774805	.9926537	9.316888	6.455346	.9921733	1.276113

#1	6.216545	21.30942	.1501173	-.007658	1.596023	.3729848	1.347598
#2	6.228810	21.22816	.1502948	-.007019	1.708506	.3801605	1.318350
#3	6.248793	21.19481	.1527989	-.008452	1.816389	.3748037	1.318140

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.358096	10.01760	.2871313	.0099719	1.894520	6.387690	.0787882
Stddev	.052625	.07901	.0020850	.0002621	.023086	.102327	.0018648
%RSD	1.207529	.7887589	.7261591	2.628441	1.218583	1.601944	2.366911

#1	4.329072	9.94510	.2851946	.0098248	1.868117	6.502364	.0766351
#2	4.326373	10.00589	.2868609	.0098164	1.904534	6.305691	.0798372
#3	4.418842	10.10182	.2893383	.0102745	1.910909	6.355016	.0798924

Sample Name: J4436-09 Acquired: 8/13/2018 16:25:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MCB474 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.061810	.0528774	.1393429
Stddev	.023999	.0008524	.0003297
%RSD	.5908513	1.611967	.2366018

#1	4.060027	.0530826	.1389713
#2	4.086651	.0536085	.1394571
#3	4.038752	.0519412	.1396003

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2184.436	2799.541	52200.99	6412.399	3190.612
Stddev	15.832	5.015	103.57	29.718	7.350
%RSD	.7247604	.1791226	.1984064	.4634530	.2303481

#1	2170.498	2796.554	52228.04	6378.238	3192.848
#2	2201.649	2805.331	52288.36	6426.653	3196.584
#3	2181.160	2796.740	52086.59	6432.305	3182.404

Sample Name: J4436-10 Acquired: 8/13/2018 16:29:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB475 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0537415	-.015575	.5923061	.0203077	-.000874	88.17622
Stddev	.0035135	.001173	.0020262	.0011796	.001599	.43993
%RSD	6.537811	7.534152	.3420920	5.808587	183.0032	.4989231

#1	.0497775	-.014414	.5934711	.0216620	-.000635	88.19554
#2	.0564715	-.015550	.5899664	.0197569	.000593	88.60618
#3	.0549757	-.016761	.5934807	.0195043	-.002579	87.72695

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.074861	.0107586	-.000270	7.190420	1.896472	.1250116
Stddev	.000916	.0001296	.000042	.122720	.006240	.0005922
%RSD	.0852137	1.204195	15.63026	1.706717	.3290083	.4737483

#1	1.074092	.0108978	-.000236	7.159610	1.901086	.1244952
#2	1.075874	.0107365	-.000317	7.325609	1.898957	.1248815
#3	1.074617	.0106415	-.000257	7.086040	1.889372	.1256580

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1591051	F 304.1137	5.507153	18.31711	.1458045	-.011385
Stddev	.0017217	1.4152	.016677	.12740	.0005634	.000441
%RSD	1.082115	.4653444	.3028330	.6955218	.3863906	3.873177

#1	.1573963	303.7965	5.502482	18.40362	.1461218	-.011700
#2	.1590797	302.8840	5.493309	18.17081	.1451540	-.011573
#3	.1608394	305.6605	5.525668	18.37689	.1461376	-.010881

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.474628	.4436502	.5328987	6.227498	8.694020	.3622394
Stddev	.101443	.0042144	.0323867	.084040	.049904	.0025714
%RSD	6.879195	.9499422	6.077456	1.349501	.5740034	.7098641

#1	1.565189	.4439109	.5603068	6.230128	8.693738	.3594845
#2	1.365008	.4477282	.4971607	6.142173	8.644258	.3626575
#3	1.493686	.4393114	.5412287	6.310192	8.744065	.3645761

Sample Name: J4436-10 Acquired: 8/13/2018 16:29:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB475 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108961	1.564043	5.336315	.0269433	4.809656	.0629900
Stddev	.0004727	.007110	.055831	.0015703	.017640	.0003579
%RSD	4.338364	.4545767	1.046238	5.827986	.3667543	.5681129

#1	.0110694	1.558213	5.397313	.0257558	4.806527	.0626096
#2	.0103612	1.561954	5.287747	.0287237	4.828651	.0630406
#3	.0112576	1.571964	5.323885	.0263505	4.793790	.0633199

Elem	Sr4077
Units	ppm
Avg	.0877780
Stddev	.0005468
%RSD	.6228934

#1	.0876118
#2	.0883886
#3	.0873337

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2116.050	2704.919	50097.54	6148.050	3192.369
Stddev	9.836	5.734	165.05	25.140	4.512
%RSD	.4648156	.2119898	.3294509	.4089140	.1413514

#1	2106.964	2710.334	49923.21	6123.701	3197.374
#2	2114.691	2705.511	50118.01	6173.913	3191.121
#3	2126.495	2698.912	50251.39	6146.535	3188.612

Sample Name: J4436-11 Acquired: 8/13/2018 16:33:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB476 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1000619	-.008858	.9223757	.0138113	.0049063	58.61563	.8764134
Stddev	.0040184	.001060	.0038776	.0016565	.0003769	.19479	.0024170
%RSD	4.015864	11.96142	.4203893	11.99351	7.682203	.3323222	.2757837

#1	.0965797	-.007850	.9219826	.0120721	.0053391	58.67716	.8761903
#2	.0991473	-.009963	.9187097	.0153702	.0046504	58.39751	.8741157
#3	.1044588	-.008762	.9264349	.0139917	.0047294	58.77224	.8789342

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086364	.0085989	32.87578	1.558343	.1085783	.3557581	223.3732
Stddev	.0001461	.0001178	.18624	.004719	.0008209	.0030703	.3951
%RSD	1.691721	1.370044	.5664943	.3028533	.7560358	.8630432	.1768762

#1	.0084723	.0087033	32.83341	1.563497	.1094968	.3579824	223.1261
#2	.0086844	.0086222	32.71438	1.557301	.1079162	.3522551	223.1646
#3	.0087524	.0084712	33.07956	1.554232	.1083218	.3570368	223.8289

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.271694	22.99901	.1739872	-.004664	1.315519	.2855627	2.000308
Stddev	.017641	.14649	.0007589	.000386	.097226	.0010682	.012507
%RSD	.3346403	.6369434	.4361834	8.270100	7.390716	.3740559	.6252656

#1	5.257331	22.89595	.1746231	-.004223	1.233271	.2844446	2.012180
#2	5.266367	22.93439	.1731471	-.004941	1.422819	.2865727	2.001496
#3	5.291385	23.16670	.1741915	-.004827	1.290465	.2856708	1.987250

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.605733	5.574383	.2772206	.0064971	1.745400	5.300717	.0558657
Stddev	.107457	.023724	.0009966	.0002451	.014217	.059115	.0018193
%RSD	2.980179	.4255848	.3594876	3.772909	.8145620	1.115217	3.256562

#1	3.552211	5.552005	.2761364	.0063076	1.748524	5.265917	.0575905
#2	3.535549	5.571891	.2780967	.0067739	1.729881	5.267262	.0560421
#3	3.729441	5.599255	.2774287	.0064098	1.757796	5.368972	.0539647

Sample Name: J4436-11 Acquired: 8/13/2018 16:33:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB476 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.245257	.0736808	.1861622
Stddev	.011019	.0009627	.0010892
%RSD	.3395433	1.306517	.5851004

#1	3.254596	.0740186	.1861126
#2	3.248071	.0725948	.1850986
#3	3.233104	.0744290	.1872754

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1946.252	2486.613	46196.20	5667.251	3176.055
Stddev	12.004	2.994	259.98	40.343	3.796
%RSD	.6167956	.1204160	.5627818	.7118598	.1195049

#1	1960.012	2483.543	46441.74	5670.232	3171.967
#2	1937.924	2486.770	45923.85	5706.020	3179.467
#3	1940.820	2489.526	46223.02	5625.500	3176.732

Sample Name: J4436-12 Acquired: 8/13/2018 16:37:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB477 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0903092	-.003656	.7576828	.0164531	-.001890	56.75166	.8191081
Stddev	.0036662	.000714	.0032527	.0022691	.001632	.22884	.0013848
%RSD	4.059574	19.51866	.4292977	13.79130	86.37768	.4032346	.1690600

#1	.0945250	-.002837	.7579352	.0168789	-.000170	56.48753	.8175141
#2	.0878678	-.003985	.7543113	.0184792	-.002081	56.89027	.8197953
#3	.0885348	-.004145	.7608020	.0140013	-.003418	56.87719	.8200148

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080795	.0063179	27.00243	2.532614	.1097518	.2926743	224.5602
Stddev	.0000499	.0001128	.06275	.005238	.0005688	.0024567	1.0151
%RSD	.6173267	1.785841	.2324029	.2068099	.5182454	.8393966	.4520198

#1	.0081315	.0062243	27.07471	2.526935	.1091027	.2907485	225.7104
#2	.0080321	.0062861	26.97078	2.537255	.1099895	.2918334	223.7897
#3	.0080750	.0064432	26.96180	2.533652	.1101631	.2954411	224.1806

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.338826	21.84230	.2163955	-.006727	1.466901	.2642569	1.519860
Stddev	.022902	.10869	.0015204	.000608	.228708	.0063661	.010135
%RSD	.4289775	.4976307	.7026083	9.039246	15.59126	2.409055	.6668527

#1	5.364130	21.74166	.2156401	-.007367	1.316559	.2642226	1.528943
#2	5.332829	21.95757	.2154008	-.006658	1.730102	.2579080	1.508927
#3	5.319518	21.82767	.2181457	-.006157	1.354040	.2706401	1.521709

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.635987	5.448673	.2789203	.0065618	1.710282	5.120111	.0459740
Stddev	.071677	.040198	.0046278	.0002405	.011790	.039187	.0001864
%RSD	1.546109	.7377579	1.659196	3.665775	.6893728	.7653474	.4054528

#1	4.570803	5.419901	.2839766	.0067624	1.703048	5.162650	.0457607
#2	4.712749	5.431514	.2748946	.0066280	1.703912	5.085485	.0461056
#3	4.624410	5.494603	.2778898	.0062951	1.723887	5.112199	.0460558

Sample Name: J4436-12 Acquired: 8/13/2018 16:37:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB477 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.964693	.0778615	.1950453
Stddev	.011194	.0015002	.0004870
%RSD	.3775721	1.926806	.2497092

#1	2.953526	.0767817	.1950527
#2	2.964638	.0772283	.1955286
#3	2.975914	.0795745	.1945546

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1941.396	2484.438	46148.87	5688.219	3222.648
Stddev	16.946	4.462	200.14	4.477	6.119
%RSD	.8728921	.1795858	.4336917	.0787128	.1898869

#1	1939.473	2488.856	46250.65	5683.217	3226.091
#2	1959.222	2484.525	46277.68	5691.853	3226.270
#3	1925.493	2479.934	45918.29	5689.586	3215.583

Sample Name: J4436-13 Acquired: 8/13/2018 16:41:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB478 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0796327	-.005673	.7484726	.0120768	-.001960	68.97257	.7476873
Stddev	.0025341	.004040	.0027874	.0021409	.001810	.29208	.0006022
%RSD	3.182287	71.20864	.3724128	17.72724	92.31686	.4234655	.0805474

#1	.0773896	-.001590	.7488225	.0098969	.000115	68.93232	.7473366
#2	.0823816	-.005760	.7455267	.0141764	-.003211	68.70271	.7473426
#3	.0791270	-.009668	.7510685	.0121570	-.002785	69.28269	.7483827

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075765	.0040313	33.54682	1.583623	.0957239	.2542895	199.9473
Stddev	.0000492	.0000971	.07194	.000876	.0010516	.0018854	.4249
%RSD	.6486743	2.408447	.2144333	.0553423	1.098528	.7414361	.2124846

#1	.0076142	.0040977	33.49644	1.583592	.0961192	.2535602	200.0972
#2	.0075943	.0039199	33.51483	1.584515	.0945320	.2528777	200.2769
#3	.0075209	.0040764	33.62921	1.582763	.0965205	.2564306	199.4678

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.418368	23.78053	.1599376	-.006750	1.660949	.2487256	1.166633
Stddev	.002277	.17280	.0001005	.000110	.218979	.0049702	.019405
%RSD	.0515460	.7266510	.0628216	1.626424	13.18398	1.998268	1.663310

#1	4.420950	23.92062	.1599100	-.006643	1.485819	.2520910	1.186133
#2	4.417509	23.58743	.1598537	-.006745	1.906467	.2430169	1.166440
#3	4.416645	23.83353	.1600489	-.006862	1.590561	.2510689	1.147325

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.074856	6.384281	.2496671	.0045249	1.915789	6.501738	.0355511
Stddev	.142718	.036257	.0037753	.0002283	.004617	.027547	.0009663
%RSD	2.349318	.5679144	1.512153	5.046039	.2410005	.4236854	2.718007

#1	6.086908	6.351535	.2453103	.0044185	1.919528	6.531292	.0357052
#2	5.926494	6.378062	.2519768	.0043692	1.917210	6.476776	.0345170
#3	6.211165	6.423245	.2517141	.0047870	1.910628	6.497145	.0364311

Sample Name: J4436-13 Acquired: 8/13/2018 16:41:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MCB478 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.410853	.0894873	.1536258
Stddev	.024501	.0016086	.0002640
%RSD	1.016288	1.797530	.1718465

#1	2.406888	.0880623	.1536536
#2	2.388576	.0891680	.1533490
#3	2.437094	.0912315	.1538748

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1921.275	2462.703	45501.58	5591.497	3190.840
Stddev	11.046	4.069	158.40	8.240	2.460
%RSD	.5749195	.1652345	.3481089	.1473719	.0770896

#1	1927.503	2466.774	45652.10	5584.770	3193.391
#2	1908.521	2462.700	45336.34	5600.688	3188.483
#3	1927.800	2458.636	45516.30	5589.033	3190.644

Sample Name: J4436-14 Acquired: 8/13/2018 16:45:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB478D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0768447	-.003666	.7384286	.0139405	-.001765	71.20034	.7413588
Stddev	.0039744	.005746	.0017107	.0024711	.001330	.30531	.0022363
%RSD	5.171985	156.7322	.2316736	17.72629	75.34934	.4288052	.3016476

#1	.0780139	-.009023	.7365395	.0112167	-.002674	70.85111	.7408551
#2	.0801033	-.004376	.7398733	.0160387	-.000239	71.33320	.7438040
#3	.0724168	.002402	.7388729	.0145659	-.002384	71.41671	.7394173

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075283	.0038554	33.07046	1.547896	.0951338	.2581256	199.2795
Stddev	.0001926	.0000320	.13128	.003256	.0003912	.0071867	.5913
%RSD	2.558820	.8303889	.3969700	.2103258	.4112330	2.784170	.2967263

#1	.0076876	.0038298	33.10657	1.545005	.0953413	.2635622	199.8887
#2	.0073142	.0038450	33.17991	1.551422	.0946825	.2608370	199.2421
#3	.0075831	.0038913	32.92491	1.547259	.0953775	.2499777	198.7078

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.341702	24.04945	.1622487	-.006393	1.855081	.2439973	1.147257
Stddev	.015653	.03949	.0006792	.000115	.181142	.0111377	.019156
%RSD	.3605281	.1641868	.4186202	1.797847	9.764656	4.564693	1.669684

#1	4.345745	24.06987	.1617600	-.006520	1.649980	.2342480	1.130121
#2	4.354938	24.07454	.1619619	-.006362	1.922095	.2416080	1.167937
#3	4.324425	24.00393	.1630243	-.006297	1.993167	.2561357	1.143714

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.304940	6.325332	.2485336	.0044807	1.917844	6.574473	.0359760
Stddev	.038692	.034458	.0041239	.0002131	.019447	.054927	.0016758
%RSD	.6136848	.5447564	1.659277	4.756395	1.013983	.8354610	4.658161

#1	6.263417	6.336835	.2501579	.0042403	1.917569	6.592774	.0378867
#2	6.311420	6.286594	.2515979	.0046463	1.898536	6.512731	.0352855
#3	6.339984	6.352567	.2438449	.0045555	1.937426	6.617913	.0347557

Sample Name: J4436-14 Acquired: 8/13/2018 16:45:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MCB478D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.351126	.0919138	.1532333
Stddev	.014268	.0022074	.0006377
%RSD	.6068644	2.401613	.4161678

#1	2.334738	.0895724	.1527626
#2	2.360787	.0939569	.1539591
#3	2.357854	.0922121	.1529784

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1980.166	2492.211	46502.30	5698.200	3231.705
Stddev	15.711	4.935	236.26	21.458	6.066
%RSD	.7934127	.1980341	.5080689	.3765838	.1876987

#1	1965.278	2486.683	46380.07	5675.444	3225.969
#2	1978.634	2493.773	46352.19	5701.086	3231.094
#3	1996.587	2496.176	46774.64	5718.069	3238.054

Sample Name: J4436-15 Acquired: 8/13/2018 16:49:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB478S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1344764	.0945508	.6985045	.0367936	.0493813	92.03539	4.725422
Stddev	.0028010	.0016948	.0025448	.0054534	.0021899	.26558	.015703
%RSD	2.082916	1.792505	.3643236	14.82164	4.434633	.2885669	.3323186

#1	.1351950	.0955697	.6955985	.0310681	.0485018	92.11235	4.720273
#2	.1368481	.0954883	.6995800	.0373861	.0477678	91.73982	4.743054
#3	.1313861	.0925944	.7003350	.0419266	.0518742	92.25399	4.712940

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1028490	.1121535	30.07391	1.923956	1.191363	.7503870	199.1632
Stddev	.0006134	.0006670	.05399	.004661	.002778	.0046518	.7084
%RSD	.5964296	.5947645	.1795335	.2422522	.2331480	.6199198	.3556925

#1	.1022756	.1116056	30.03994	1.927005	1.190655	.7482608	198.5624
#2	.1027755	.1119585	30.13617	1.918591	1.189008	.7471783	199.9444
#3	.1034958	.1128963	30.04563	1.926273	1.194427	.7557219	198.9830

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.964194	25.85938	1.257660	.0874490	1.677165	1.241721	2.114462
Stddev	.014328	.23452	.004732	.0008666	.295868	.004587	.002101
%RSD	.2886354	.9069244	.3762867	.9909824	17.64095	.3694204	.0993742

#1	4.947654	25.59356	1.254392	.0865494	1.909854	1.238372	2.116740
#2	4.972084	26.03709	1.255501	.0882784	1.777452	1.239842	2.112599
#3	4.972843	25.94748	1.263087	.0875193	1.344188	1.246950	2.114048

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.584639	5.631591	.2649985	.0043814	1.764447	7.074123	.0311400
Stddev	.045305	.013614	.0024448	.0001062	.008454	.061234	.0010087
%RSD	.5277451	.2417483	.9225668	2.423692	.4791484	.8656071	3.239265

#1	8.633304	5.615883	.2623476	.0045029	1.754976	7.054884	.0320573
#2	8.576932	5.640003	.2671644	.0043348	1.771230	7.024818	.0300597
#3	8.543682	5.638885	.2654835	.0043065	1.767136	7.142666	.0313031

Sample Name: J4436-15 Acquired: 8/13/2018 16:49:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB478S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.086392	.1177342	.1506543
Stddev	.003928	.0017628	.0008755
%RSD	.1882662	1.497286	.5811245

#1	2.090526	.1175665	.1515915
#2	2.085943	.1195749	.1498575
#3	2.082709	.1160613	.1505139

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1923.429	2445.252	45431.12	5651.411	3186.565
Stddev	10.414	4.120	262.38	31.185	4.946
%RSD	.5414427	.1685027	.5775240	.5518057	.1552242

#1	1919.408	2447.250	45370.14	5620.010	3189.256
#2	1915.625	2447.992	45204.60	5682.375	3189.582
#3	1935.254	2440.513	45718.61	5651.848	3180.856

Sample Name: J4436-13LX5 Acquired: 8/13/2018 16:53:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB478L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0221767	.0025862	.1522170	.0042368	-.000661	15.63730	.1660244
Stddev	.0010769	.0026275	.0019890	.0023466	.001753	.07868	.0007181
%RSD	4.855751	101.5967	1.306663	55.38580	265.3094	.5031542	.4325287

#1	.0213511	.0054511	.1515373	.0031318	-.001456	15.68323	.1664428
#2	.0233947	.0020188	.1506571	.0069318	.001349	15.54646	.1664352
#3	.0217843	.0002888	.1544568	.0026467	-.001876	15.68223	.1651952

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016168	.0007186	7.434481	.3516308	.0191497	.0530772	44.48803
Stddev	.0000723	.0000268	.041931	.0015002	.0004668	.0098218	.28496
%RSD	4.470301	3.723123	.5640025	.4266472	2.437914	18.50482	.6405393

#1	.0016512	.0007050	7.470192	.3532860	.0187465	.0420642	44.38557
#2	.0016655	.0007014	7.444940	.3512457	.0190415	.0609297	44.81005
#3	.0015338	.0007494	7.388311	.3503606	.0196612	.0562377	44.26846

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9784255	5.350830	.0334825	-.001537	.4246178	.0557326	.2526340
Stddev	.0041581	.077995	.0001783	.000303	.1691662	.0057655	.0186685
%RSD	.4249823	1.457622	.5325495	19.69229	39.83964	10.34495	7.389533

#1	.9827797	5.375822	.0335918	-.001855	.5782910	.0616460	.2702432
#2	.9780006	5.413265	.0332768	-.001504	.4522112	.0501274	.2545973
#3	.9744961	5.263402	.0335790	-.001253	.2433512	.0554245	.2330614

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.303772	1.345516	.0469173	.0012321	.3975560	1.430696	.0052636
Stddev	.065721	.010380	.0009812	.0000754	.0079376	.037052	.0014528
%RSD	5.040832	.7714405	2.091422	6.119667	1.996598	2.589784	27.60080

#1	1.242573	1.346422	.0462273	.0012076	.4065840	1.431157	.0062574
#2	1.373234	1.334713	.0464842	.0011720	.3916720	1.467516	.0035963
#3	1.295509	1.355414	.0480406	.0013167	.3944121	1.393416	.0059372

Sample Name: J4436-13LX5 Acquired: 8/13/2018 16:53:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB478L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5307574	.0174967	.0343189
Stddev	.0052831	.0025711	.0002913
%RSD	.9953874	14.69452	.8487017

#1	.5257693	.0204157	.0339983
#2	.5302101	.0155682	.0345673
#3	.5362929	.0165063	.0343911

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1778.869	2257.320	41500.80	5054.308	3199.903
Stddev	5.268	6.990	44.84	26.538	12.190
%RSD	.2961506	.3096754	.1080515	.5250665	.3809610

#1	1780.434	2261.081	41458.20	5068.925	3205.784
#2	1783.177	2261.625	41496.61	5023.675	3208.039
#3	1772.995	2249.254	41547.59	5070.325	3185.888

Sample Name: CCV091 Acquired: 8/13/2018 16:57:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV091 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.859444	4.930457	24.96129	4.728593	4.765593	417.6187	9.971842
Stddev	.012523	.019018	.09120	.022619	.017326	.9694	.020048
%RSD	.2577090	.3857185	.3653773	.4783366	.3635617	.2321338	.2010453

#1	4.848414	4.912183	24.91399	4.727441	4.758771	416.5028	9.993485
#2	4.856861	4.929049	24.90346	4.706573	4.752718	418.1003	9.953907
#3	4.873058	4.950140	25.06643	4.751766	4.785292	418.2531	9.968132

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5045336	2.519892	414.1343	15.55743	2.560421	15.17243	421.0769
Stddev	.0030302	.011205	1.6009	.02826	.011137	.03578	.5354
%RSD	.6005901	.4446664	.3865706	.1816178	.4349504	.2358180	.1271608

#1	.5071725	2.513424	415.8384	15.55478	2.550243	15.13121	421.6497
#2	.5012244	2.513422	412.6617	15.53060	2.558702	15.19058	420.5889
#3	.5052039	2.532831	413.9029	15.58692	2.572316	15.19549	420.9922

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.03392	415.4726	2.502736	1.251317	414.6006	2.483633	14.99897
Stddev	.05957	1.4479	.009315	.002067	2.0661	.015827	.14100
%RSD	.3962630	.3484927	.3721919	.1651530	.4983298	.6372548	.9400784

#1	15.10146	417.1371	2.500508	1.249291	416.9575	2.465367	14.84253
#2	15.01144	414.5046	2.494736	1.251238	413.1019	2.493286	15.11626
#3	14.98886	414.7760	2.512963	1.253422	413.7424	2.492246	15.03813

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.5594	5.246882	5.357386	4.880246	5.079969	4.932578	5.013702
Stddev	.4123	.049867	.037719	.022017	.028221	.030368	.026252
%RSD	.2667845	.9504092	.7040479	.4511427	.5555438	.6156659	.5236119

#1	154.6206	5.206904	5.393136	4.874555	5.054716	4.959115	5.000886
#2	154.1199	5.230982	5.317967	4.861633	5.074757	4.899459	4.996319
#3	154.9377	5.302760	5.361055	4.904549	5.110433	4.939161	5.043900

Sample Name: CCV091 Acquired: 8/13/2018 16:57:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV091 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.062532	5.097043	5.091317
Stddev	.018255	.000497	.003648
%RSD	.3605836	.0097459	.0716451

#1	5.044482	5.097432	5.089183
#2	5.062128	5.096483	5.089240
#3	5.080985	5.097213	5.095529

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1519.646	1901.952	37176.80	4708.742	2608.958
Stddev	6.719	7.134	145.63	20.624	8.175
%RSD	.4421628	.3750959	.3917140	.4379977	.3133336

#1	1525.882	1902.748	37337.01	4698.350	2611.026
#2	1520.526	1908.654	37140.92	4732.495	2615.900
#3	1512.530	1894.453	37052.47	4695.381	2599.948

Sample Name: CCB091 Acquired: 8/13/2018 17:01:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB091 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008939	.0006015	-.001385	.0008034	.0007537	-.002234	-.000063
Stddev	.0021404	.0003015	.002060	.0020255	.0003294	.007700	.000770
%RSD	239.4344	50.11645	148.6923	252.0989	43.69942	344.6832	1223.038

#1	-.000731	.0002669	.000808	.0031202	.0010943	.001124	-.000516
#2	.003319	.0006859	-.003279	-.000077	.0007300	-.011042	-.000500
#3	.000093	.0008519	-.001684	-.000633	.0004369	.003216	.000827

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000064	-.000164	.0060569	-.000476	-.000090	-.001038	-.028127
Stddev	.000074	.000114	.0136881	.000371	.000248	.006002	.004993
%RSD	114.7248	69.14036	225.9938	77.96085	275.6491	578.3820	17.75181

#1	-.000148	-.000156	.0217626	-.000148	-.000367	.005854	-.024884
#2	-.000008	-.000055	-.000259	-.000880	.000108	-.005111	-.033877
#3	-.000037	-.000282	-.003333	-.000402	-.000011	-.003856	-.025620

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000361	.0444643	-.000250	-.000267	.1961413	-.001164	.0028623
Stddev	.002021	.0387462	.000227	.000362	.1613485	.004255	.0088009
%RSD	559.8906	87.14019	90.70192	135.5962	82.26139	365.4429	307.4753

#1	-.001697	.0531850	-.000509	.000147	.0139634	-.005690	.0130028
#2	-.001350	.0021008	-.000086	-.000422	.3210203	-.000561	-.002786
#3	.001964	.0781069	-.000155	-.000525	.2534401	.002757	-.001630

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0319898	-.001494	-.000337	.0003627	-.007324	.0005871	-.001551
Stddev	.0213660	.002555	.000992	.0002884	.003885	.0010809	.000691
%RSD	66.79008	171.0345	294.5828	79.52097	53.04051	184.1011	44.51933

#1	.0531891	-.000858	.000407	.0006921	-.006758	-.000515	-.000756
#2	.0323196	-.004306	.000045	.0002406	-.011460	.000632	-.001995
#3	.0104608	.000683	-.001463	.0001554	-.003753	.001645	-.001903

Sample Name: CCB091 Acquired: 8/13/2018 17:01:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB091 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0019152	.0021696	-.000084
Stddev	.0022397	.0024768	.000124
%RSD	116.9472	114.1565	148.5266

#1	.0031231	.0020583	-.000091
#2	-.000669	-.000250	.000044
#3	.003292	.004700	-.000204

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1748.965	2237.788	40768.54	5008.375	3248.633
Stddev	4.475	4.450	184.72	17.131	10.141
%RSD	.2558786	.1988710	.4531022	.3420431	.3121570

#1	1747.951	2236.539	40613.93	4999.800	3253.352
#2	1753.860	2242.730	40973.10	5028.100	3255.555
#3	1745.084	2234.096	40718.58	4997.225	3236.992

Sample Name: J4436-16 Acquired: 8/13/2018 17:05:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB479 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1042229	-.009355	.7062622	.0177020	-.011140	103.2577	.9567288
Stddev	.0101332	.003576	.0044486	.0010811	.001830	.6025	.0025228
%RSD	9.722649	38.22879	.6298837	6.107390	16.42320	.5835190	.2636901

#1	.0997538	-.008859	.7052162	.0173933	-.012868	102.9535	.9567176
#2	.0970926	-.006053	.7024298	.0168088	-.009224	103.9517	.9592572
#3	.1158225	-.013153	.7111406	.0189039	-.011328	102.8679	.9542116

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089913	.0064953	26.68836	2.829439	.1206963	.2975120	252.6469
Stddev	.0001039	.0001222	.11161	.008035	.0009124	.0029108	.9587
%RSD	1.156013	1.881489	.4182144	.2839903	.7559244	.9783951	.3794688

#1	.0088800	.0063585	26.69646	2.837632	.1203575	.3001296	253.7289
#2	.0090083	.0065337	26.79571	2.829113	.1200017	.2943772	251.9031
#3	.0090858	.0065936	26.57292	2.821572	.1217296	.2980291	252.3088

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.153311	29.85280	.2497346	-.008309	2.037695	.2747587	1.474327
Stddev	.014530	.25478	.0010695	.000205	.132360	.0027882	.040982
%RSD	.2819493	.8534468	.4282446	2.466998	6.495596	1.014766	2.779699

#1	5.170081	30.12906	.2492575	-.008241	2.081083	.2716839	1.428473
#2	5.144504	29.80226	.2489867	-.008147	1.889086	.2754699	1.507381
#3	5.145347	29.62708	.2509596	-.008539	2.142916	.2771225	1.487128

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.25250	6.116678	.3360066	.0051626	2.003706	11.71837	.0414666
Stddev	.14640	.036235	.0019209	.0002871	.015983	.02857	.0015203
%RSD	1.301004	.5923927	.5716803	5.561652	.7976720	.2438427	3.666348

#1	11.40875	6.095656	.3373389	.0049221	2.001278	11.68904	.0397149
#2	11.23023	6.095861	.3338047	.0050852	1.989077	11.71995	.0424426
#3	11.11851	6.158519	.3368761	.0054805	2.020765	11.74612	.0422423

Sample Name: J4436-16 Acquired: 8/13/2018 17:05:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MCB479 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.394225	.1531701	.1732536
Stddev	.016749	.0012032	.0005996
%RSD	.6995707	.7855453	.3461114

#1	2.380848	.1537732	.1736675
#2	2.413010	.1517846	.1735275
#3	2.388818	.1539525	.1725660

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1946.748	2473.330	46118.72	5742.624	3133.713
Stddev	12.720	10.883	94.21	38.922	17.573
%RSD	.6533818	.4400113	.2042855	.6777701	.5607614

#1	1961.433	2482.481	46110.96	5698.174	3141.773
#2	1939.642	2476.215	46216.57	5770.601	3145.809
#3	1939.169	2461.296	46028.62	5759.096	3113.556

Sample Name: J4437-03 Acquired: 8/13/2018 17:09:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB482 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0514006	-.001212	4.858920	.0159813	-.001071	98.77754	2.598234
Stddev	.0054271	.002678	.013714	.0025964	.001306	.59063	.007229
%RSD	10.55839	220.8847	.2822466	16.24662	121.9245	.5979355	.2782113

#1	.0513467	.001354	4.856220	.0179327	.000000	99.31768	2.606502
#2	.0460007	-.003989	4.846756	.0169766	-.000688	98.86808	2.595089
#3	.0568545	-.001002	4.873783	.0130344	-.002526	98.14688	2.593109

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105952	.0221279	39.08632	1.869381	.1213723	1.300770	260.9178
Stddev	.0001002	.0001277	.00971	.002083	.0014521	.007180	.5794
%RSD	.9454419	.5771756	.0248543	.1114280	1.196361	.5520174	.2220743

#1	.0106854	.0221221	39.08691	1.870297	.1200057	1.292767	260.2495
#2	.0106128	.0220031	39.09572	1.866997	.1212141	1.306648	261.2250
#3	.0104874	.0222584	39.07632	1.870849	.1228969	1.302896	261.2790

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.11310	19.81457	.2703072	-.010885	1.674969	.3159829	4.476999
Stddev	.01867	.10790	.0004906	.000629	.156792	.0034409	.099766
%RSD	.1846422	.5445390	.1814892	5.779317	9.360896	1.088945	2.228422

#1	10.09566	19.75046	.2697504	-.011505	1.559450	.3189885	4.551098
#2	10.13280	19.93914	.2704950	-.010247	1.612001	.3122297	4.516339
#3	10.11084	19.75410	.2706761	-.010904	1.853457	.3167306	4.363560

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.737257	8.188655	.3272592	.0102731	3.901574	4.799455	.4201842
Stddev	.055732	.052403	.0026803	.0001701	.012651	.092686	.0013410
%RSD	.9714090	.6399426	.8190038	1.655297	.3242565	1.931168	.3191564

#1	5.800206	8.138142	.3265895	.0101231	3.887076	4.842793	.4199060
#2	5.694202	8.185059	.3302108	.0102384	3.907269	4.693040	.4190042
#3	5.717362	8.242763	.3249772	.0104578	3.910376	4.862533	.4216426

Sample Name: J4437-03 Acquired: 8/13/2018 17:09:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB482 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.459239	.1034386	.3025997
Stddev	.005230	.0018311	.0008404
%RSD	.3583815	1.770221	.2777443

#1	1.465269	.1026695	.3031702
#2	1.456510	.1055289	.3029944
#3	1.455939	.1021176	.3016345

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2140.097	2721.481	50487.10	6230.721	3133.232
Stddev	17.908	3.402	271.04	20.758	5.353
%RSD	.8367836	.1249932	.5368493	.3331497	.1708392

#1	2125.924	2718.731	50258.32	6253.515	3132.519
#2	2134.142	2725.284	50416.55	6225.744	3138.906
#3	2160.223	2720.427	50786.44	6212.904	3128.271

Sample Name: J4437-04 Acquired: 8/13/2018 17:13:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB482D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0495897	-.002749	4.820157	.0199173	-.002994	97.46193	2.569847
Stddev	.0055253	.002610	.025478	.0012761	.000631	.35015	.008626
%RSD	11.14204	94.95520	.5285687	6.407128	21.06805	.3592667	.3356703

#1	.0433601	-.004908	4.806079	.0185412	-.003723	97.52561	2.578798
#2	.0538975	.000152	4.804824	.0210617	-.002620	97.77586	2.569154
#3	.0515114	-.003491	4.849567	.0201491	-.002640	97.08431	2.561588

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104497	.0218896	38.66763	1.851161	.1210515	1.288991	258.7790
Stddev	.0000816	.0003185	.15596	.003279	.0007118	.008055	.6912
%RSD	.7808934	1.454933	.4033326	.1771332	.5880249	.6249139	.2670873

#1	.0103589	.0215224	38.84535	1.853424	.1203011	1.290375	259.3385
#2	.0104734	.0220552	38.60395	1.847401	.1211362	1.296264	258.9921
#3	.0105169	.0220912	38.55358	1.852658	.1217171	1.280333	258.0063

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.00277	19.66792	.2691295	-.010349	1.802239	.3111192	4.413011
Stddev	.02501	.09207	.0017657	.000175	.176174	.0039085	.070072
%RSD	.2500279	.4681439	.6560809	1.689993	9.775281	1.256269	1.587855

#1	10.02826	19.77363	.2687733	-.010457	1.658078	.3072855	4.445284
#2	10.00176	19.62493	.2675691	-.010443	1.998620	.3150984	4.461131
#3	9.97827	19.60521	.2710462	-.010147	1.750020	.3109737	4.332617

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.644303	8.117335	.3221826	.0102233	3.886091	4.438136	.4169918
Stddev	.036968	.043575	.0026442	.0006042	.037919	.020172	.0030481
%RSD	.6549590	.5368101	.8207022	5.909808	.9757726	.4545144	.7309723

#1	5.608469	8.077298	.3240758	.0097993	3.854807	4.420814	.4140084
#2	5.642130	8.110962	.3233105	.0099555	3.875204	4.460283	.4168663
#3	5.682309	8.163745	.3191615	.0109151	3.928263	4.433312	.4201008

Sample Name: J4437-04 Acquired: 8/13/2018 17:13:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MCB482D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.414555	.1017095	.2995350
Stddev	.009311	.0007212	.0009514
%RSD	.6582077	.7091176	.3176214

#1	1.425123	.1010579	.3000443
#2	1.407560	.1024844	.3001233
#3	1.410983	.1015861	.2984374

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2157.145	2741.708	50985.06	6298.056	3160.033
Stddev	7.175	9.071	146.68	14.870	15.820
%RSD	.3326291	.3308673	.2876869	.2360976	.5006280

#1	2155.689	2741.059	51009.30	6315.108	3163.509
#2	2150.809	2751.086	50827.78	6291.267	3173.825
#3	2164.936	2732.978	51118.11	6287.792	3142.763

Sample Name: J4437-05 Acquired: 8/13/2018 17:17:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB482S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1025298	.0847001	4.475894	.0340915	.0398330	95.92691	5.717523
Stddev	.0021524	.0026474	.017030	.0024778	.0006098	.23956	.009259
%RSD	2.099332	3.125629	.3804832	7.268031	1.530960	.2497306	.1619467

#1	.1043185	.0825005	4.460163	.0333454	.0394848	96.12185	5.709961
#2	.1001410	.0876384	4.473543	.0320725	.0394770	95.65948	5.714758
#3	.1031300	.0839614	4.493978	.0368566	.0405371	95.99939	5.727850

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0899481	.1189263	36.07119	2.320469	1.118565	1.678153	238.2546
Stddev	.0008598	.0003935	.06795	.003466	.005246	.008275	.3019
%RSD	.9558851	.3308498	.1883753	.1493567	.4689605	.4930938	.1267089

#1	.0909378	.1189359	36.02489	2.322655	1.114047	1.684337	238.2315
#2	.0893846	.1185282	36.03948	2.322279	1.117329	1.668753	237.9648
#3	.0895221	.1193149	36.14919	2.316473	1.124318	1.681368	238.5673

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.12411	18.45811	1.241232	.0696093	1.539490	1.117294	4.827059
Stddev	.02131	.06070	.004248	.0003063	.398923	.006275	.046347
%RSD	.2104519	.3288728	.3422702	.4399701	25.91269	.5616218	.9601457

#1	10.14382	18.49392	1.237086	.0699340	1.998648	1.124032	4.877918
#2	10.10150	18.38802	1.241033	.0695683	1.341850	1.116232	4.787207
#3	10.12700	18.49238	1.245576	.0693256	1.277972	1.111617	4.816051

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.381388	7.102240	.2996623	.0098278	3.395819	4.167208	.4083554
Stddev	.060441	.050973	.0033271	.0001386	.013496	.074246	.0013067
%RSD	1.123152	.7177089	1.110293	1.410548	.3974427	1.781673	.3199899

#1	5.391900	7.084005	.2962741	.0099598	3.387822	4.244136	.4097628
#2	5.435884	7.062892	.2997881	.0096834	3.388233	4.161516	.4071807
#3	5.316380	7.159823	.3029248	.0098402	3.411401	4.095972	.4081227

Sample Name: J4437-05 Acquired: 8/13/2018 17:17:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB482S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.395992	.0956263	.2813609
Stddev	.007117	.0019667	.0012535
%RSD	.5098476	2.056614	.4455221

#1	1.393421	.0973156	.2827221
#2	1.390518	.0960960	.2802540
#3	1.404038	.0934673	.2811068

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2167.554	2753.721	51258.57	6339.472	3241.589
Stddev	15.923	9.523	87.51	19.954	10.160
%RSD	.7346064	.3458273	.1707154	.3147520	.3134126

#1	2152.387	2762.271	51168.91	6316.454	3249.556
#2	2184.138	2755.435	51343.75	6350.105	3245.063
#3	2166.135	2743.458	51263.05	6351.857	3230.149

Sample Name: J4437-03LX5 Acquired: 8/13/2018 17:21:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB482L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0157522	-.001511	.9769100	.0041065	-.002246	23.23527	.6139917
Stddev	.0025690	.001432	.0060740	.0031794	.002021	.08190	.0014427
%RSD	16.30906	94.76743	.6217541	77.42261	89.99232	.3524669	.2349644

#1	.0138737	-.002829	.9728040	.0075217	-.002686	23.29192	.6123872
#2	.0147032	-.001718	.9740387	.0012325	-.004010	23.14137	.6144061
#3	.0186798	.000013	.9838873	.0035652	-.000041	23.27253	.6151818

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025964	.0041478	9.313596	.4505235	.0242640	.3106726	62.71466
Stddev	.0000499	.0001650	.025620	.0004912	.0001857	.0042251	.37367
%RSD	1.921697	3.978257	.2750868	.1090207	.7655524	1.359983	.5958181

#1	.0026449	.0041550	9.285833	.4506702	.0240683	.3116717	62.33026
#2	.0025452	.0039793	9.318627	.4509246	.0242858	.3060376	63.07657
#3	.0025992	.0043090	9.336327	.4499757	.0244379	.3143087	62.73715

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.432589	4.652558	.0543121	-.003008	.4899110	.0778901	1.063904
Stddev	.004936	.083665	.0003325	.000080	.0760862	.0009998	.017550
%RSD	.2029016	1.798256	.6122703	2.661306	15.53062	1.283576	1.649601

#1	2.429487	4.601091	.0539879	-.003024	.4462509	.0768059	1.044421
#2	2.430000	4.607487	.0542960	-.003079	.5777673	.0780886	1.078475
#3	2.438281	4.749095	.0546524	-.002921	.4457150	.0787757	1.068817

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.436810	1.681015	.0697573	.0024806	.8003309	.9558928	.0811842
Stddev	.037348	.016934	.0016654	.0000513	.0030282	.0087085	.0003216
%RSD	2.599381	1.007377	2.387395	2.066597	.3783650	.9110307	.3961027

#1	1.396878	1.661624	.0691356	.0024855	.8010481	.9551901	.0808540
#2	1.470881	1.688534	.0716441	.0025293	.7970085	.9475569	.0812023
#3	1.442672	1.692889	.0684922	.0024271	.8029360	.9649313	.0814964

Sample Name: J4437-03LX5 Acquired: 8/13/2018 17:21:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MCB482L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3388907	.0236112	.0721882
Stddev	.0072896	.0007699	.0002288
%RSD	2.151005	3.260892	.3169281

#1	.3315596	.0227971	.0720420
#2	.3461380	.0243277	.0720709
#3	.3389745	.0237089	.0724519

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1832.971	2343.447	42782.52	5229.563	3231.801
Stddev	2.785	10.220	160.81	2.247	14.238
%RSD	.1519428	.4360985	.3758772	.0429715	.4405467

#1	1830.022	2350.404	42612.32	5232.071	3238.875
#2	1835.557	2348.223	42803.33	5228.883	3241.116
#3	1833.333	2331.713	42931.91	5227.734	3215.412

Sample Name: J4437-06 Acquired: 8/13/2018 17:25:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB483 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0392081	-.006751	2.557028	.0145907	-.006463	130.4935	1.973717
Stddev	.0021894	.005762	.010161	.0029601	.001821	.2018	.002072
%RSD	5.583986	85.35621	.3973663	20.28757	28.17658	.1546808	.1049964

#1	.0370893	-.005304	2.547570	.0172289	-.005806	130.4547	1.974709
#2	.0414618	-.013098	2.555745	.0151535	-.005062	130.3139	1.975106
#3	.0390732	-.001849	2.567769	.0113896	-.008522	130.7120	1.971335

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0137584	.0111441	10.59976	2.208571	.1665879	1.086566	276.8529
Stddev	.0000339	.0002271	.04843	.001170	.0007264	.001629	.4588
%RSD	.2462323	2.037672	.4568648	.0529862	.4360732	.1499053	.1657044

#1	.0137422	.0109159	10.62618	2.207557	.1663099	1.087337	277.2779
#2	.0137973	.0111463	10.62922	2.208305	.1660415	1.084695	276.3666
#3	.0137357	.0113700	10.54387	2.209852	.1674123	1.087666	276.9143

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.25158	20.22774	.3951970	-.011512	1.733147	.3616220	2.711490
Stddev	.01537	.11169	.0018301	.000589	.044955	.0046840	.053358
%RSD	.1499225	.5521672	.4630939	5.114975	2.593861	1.295278	1.967851

#1	10.24811	20.30215	.3942045	-.011112	1.785026	.3656330	2.718686
#2	10.23824	20.09931	.3940775	-.012188	1.708753	.3564742	2.760885
#3	10.26838	20.28177	.3973090	-.011236	1.705661	.3627587	2.654899

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.312885	7.682967	.3334796	.0085859	3.041695	5.801046	.1896274
Stddev	.039691	.027104	.0019631	.0003133	.004843	.067268	.0019005
%RSD	.6287347	.3527855	.5886561	3.648649	.1592219	1.159589	1.002248

#1	6.267646	7.655439	.3350965	.0089404	3.038834	5.876668	.1875349
#2	6.329146	7.683835	.3340469	.0084708	3.038964	5.778596	.1912465
#3	6.341864	7.709626	.3312953	.0083465	3.047286	5.747872	.1901008

Sample Name: J4437-06 Acquired: 8/13/2018 17:25:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB483 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.421400	.1208417	.1527790
Stddev	.008857	.0002910	.0004287
%RSD	.6230904	.2408439	.2805766

#1	1.411347	.1210609	.1524727
#2	1.428055	.1209527	.1525954
#3	1.424797	.1205115	.1532689

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2400.285	3071.199	56779.19	7007.640	3160.069
Stddev	11.165	4.414	243.22	20.025	10.538
%RSD	.4651536	.1437090	.4283576	.2857638	.3334629

#1	2398.687	3075.536	56811.23	6994.865	3165.980
#2	2390.005	3071.349	56521.54	7030.719	3166.326
#3	2412.163	3066.713	57004.79	6997.335	3147.903

Sample Name: J4437-07 Acquired: 8/13/2018 17:29:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB484 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0926239	-.004651	.9340728	.0128592	-.003000	107.4871	.9905060
Stddev	.0035628	.002466	.0065368	.0028834	.002376	.1768	.0034340
%RSD	3.846489	53.00969	.6998157	22.42261	79.18894	.1645018	.3466944

#1	.0958752	-.002279	.9364109	.0120842	-.001043	107.6668	.9939946
#2	.0888154	-.007201	.9266885	.0160510	-.005644	107.4813	.9903940
#3	.0931812	-.004474	.9391191	.0104426	-.002314	107.3133	.9871293

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100909	.0049994	41.19937	1.752297	.1323323	.3299866	258.1474
Stddev	.0001204	.0000683	.13883	.005980	.0006527	.0035771	.7711
%RSD	1.192720	1.366178	.3369664	.3412927	.4932065	1.084029	.2987108

#1	.0102242	.0049206	41.35948	1.759157	.1327190	.3340821	259.0163
#2	.0100583	.0050369	41.12609	1.749553	.1315787	.3284040	257.8816
#3	.0099902	.0050409	41.11253	1.748181	.1326991	.3274737	257.5444

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.527982	34.03144	.2365065	-.009910	2.179274	.3105691	1.493790
Stddev	.017157	.11293	.0012085	.000491	.082330	.0021305	.035806
%RSD	.3103743	.3318386	.5109949	4.954110	3.777881	.6859851	2.396964

#1	5.547785	34.15087	.2355520	-.009363	2.233553	.3097019	1.532428
#2	5.517563	34.01706	.2361021	-.010314	2.084543	.3090091	1.487215
#3	5.518599	33.92639	.2378653	-.010052	2.219726	.3129964	1.461728

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.02686	8.282744	.3205979	.0066097	2.662135	5.817531	.0389885
Stddev	.09675	.039615	.0032150	.0004891	.024572	.016320	.0009245
%RSD	.9649065	.4782886	1.002828	7.399290	.9230292	.2805263	2.371144

#1	9.98880	8.281614	.3218337	.0060510	2.660451	5.829787	.0380936
#2	10.13685	8.243706	.3230116	.0069605	2.638448	5.799007	.0389320
#3	9.95493	8.322913	.3169483	.0068175	2.687506	5.823801	.0399399

Sample Name: J4437-07 Acquired: 8/13/2018 17:29:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB484 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.128118	.1476815	.1963128
Stddev	.011608	.0023840	.0003005
%RSD	.5454556	1.614276	.1530891

#1	2.125588	.1501279	.1965249
#2	2.140782	.1475513	.1964447
#3	2.117984	.1453653	.1959689

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1990.221	2523.901	46713.06	5738.984	3144.383
Stddev	9.983	10.503	73.05	17.922	14.052
%RSD	.5016268	.4161492	.1563728	.3122850	.4469029

#1	1999.826	2533.770	46732.80	5724.631	3152.099
#2	1990.940	2525.070	46774.21	5759.071	3152.888
#3	1979.897	2512.862	46632.17	5733.250	3128.163

Sample Name: J4437-08 Acquired: 8/13/2018 17:33:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB485 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0998142	-.008932	.9960819	.0174210	-.003374	119.9786	1.023077
Stddev	.0073528	.002041	.0018850	.0051617	.000654	.1332	.000457
%RSD	7.366526	22.84397	.1892410	29.62933	19.39127	.1110239	.0447083

#1	.0959593	-.011248	.9947197	.0201866	-.002944	119.8630	1.022831
#2	.1082929	-.007400	.9982332	.0114658	-.003051	119.9484	1.023605
#3	.0951904	-.008149	.9952927	.0206106	-.004127	120.1243	1.022796

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107257	.0053379	43.23038	1.793879	.1432431	.3467196	275.9472
Stddev	.0000345	.0000677	.10323	.005540	.0007428	.0083090	1.3548
%RSD	.3219175	1.268420	.2387875	.3088452	.5185342	2.396449	.4909760

#1	.0107079	.0052641	43.11369	1.795596	.1427016	.3481278	274.6656
#2	.0107654	.0053524	43.30978	1.787683	.1429380	.3542344	277.3650
#3	.0107036	.0053972	43.26767	1.798357	.1440899	.3377965	275.8110

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.733450	36.66155	.2533754	-.010928	2.310371	.3336392	1.614883
Stddev	.017827	.13017	.0006844	.000693	.310571	.0027608	.021468
%RSD	.3109319	.3550569	.2701175	6.342032	13.44247	.8274774	1.329409

#1	5.719088	36.51783	.2527814	-.010925	2.412231	.3304552	1.590752
#2	5.753402	36.77151	.2541238	-.011623	1.961661	.3350953	1.631864
#3	5.727860	36.69533	.2532210	-.010237	2.557220	.3353671	1.622033

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.30984	8.866613	.3522331	.0050943	2.805000	6.611706	.0427391
Stddev	.05241	.027297	.0042251	.0000973	.008284	.118697	.0009483
%RSD	.4633883	.3078602	1.199525	1.909666	.2953251	1.795252	2.218867

#1	11.25537	8.885620	.3495677	.0051006	2.800904	6.635509	.0419291
#2	11.35991	8.835334	.3571046	.0051883	2.799562	6.716697	.0425060
#3	11.31424	8.878885	.3500269	.0049941	2.814534	6.482911	.0437823

Sample Name: J4437-08 Acquired: 8/13/2018 17:33:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MCB485 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.312274	.1624207	.2282137
Stddev	.012461	.0009009	.0012881
%RSD	.5388940	.5546887	.5644172

#1	2.307582	.1613856	.2275247
#2	2.302840	.1628475	.2296997
#3	2.326399	.1630289	.2274167

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1978.116	2557.776	46805.36	5828.021	3150.583
Stddev	23.260	2.041	235.93	26.538	6.591
%RSD	1.175876	.0797770	.5040657	.4553539	.2092001

#1	1984.344	2558.664	46749.30	5828.555	3152.253
#2	1952.376	2559.221	46602.51	5801.219	3156.178
#3	1997.629	2555.442	47064.27	5854.287	3143.317

Sample Name: J4437-09 Acquired: 8/13/2018 17:37:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB486 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0487022	-.002015	5.088547	.0187184	-.003251	96.39943	2.740073
Stddev	.0035314	.002292	.008038	.0007577	.001569	.40343	.015942
%RSD	7.251048	113.7944	.1579661	4.047779	48.24587	.4185029	.5818051

#1	.0457303	-.001034	5.084297	.0192126	-.005062	96.57260	2.755368
#2	.0477702	-.004634	5.083525	.0178461	-.002310	95.93832	2.723554
#3	.0526062	-.000376	5.097818	.0190966	-.002381	96.68738	2.741296

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111636	.0273179	41.00555	2.184918	.1281163	1.429757	272.9456
Stddev	.0001519	.0003845	.18373	.006519	.0007474	.015854	.9535
%RSD	1.360963	1.407437	.4480652	.2983775	.5833761	1.108851	.3493228

#1	.0113287	.0271947	41.19423	2.177396	.1282240	1.447502	274.0357
#2	.0110297	.0270102	40.82720	2.188935	.1273209	1.416988	272.5338
#3	.0111322	.0277489	40.99520	2.188423	.1288040	1.424781	272.2672

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.51741	20.23344	.2837215	-.011690	1.857259	.3261922	4.494775
Stddev	.03846	.13051	.0007213	.000849	.198840	.0141451	.029529
%RSD	.3656552	.6450397	.2542339	7.262630	10.70611	4.336441	.6569601

#1	10.56124	20.38317	.2839190	-.012628	1.959417	.3387358	4.497662
#2	10.48935	20.17340	.2829220	-.010974	1.628106	.3289800	4.463909
#3	10.50162	20.14375	.2843235	-.011469	1.984254	.3108607	4.522755

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.759125	8.719245	.3310823	.0104979	4.126256	3.783126	.4643617
Stddev	.101424	.053132	.0030417	.0004023	.029437	.025030	.0028340
%RSD	1.761096	.6093647	.9187243	3.832458	.7134007	.6616199	.6102907

#1	5.759874	8.716982	.3345549	.0108244	4.115769	3.757865	.4672469
#2	5.657329	8.667281	.3288902	.0100484	4.103499	3.807918	.4615819
#3	5.860172	8.773472	.3298018	.0106210	4.159500	3.783597	.4642564

Sample Name: J4437-09 Acquired: 8/13/2018 17:37:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MCB486 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.305870	.0996050	.3129648
Stddev	.016783	.0012695	.0013961
%RSD	1.285167	1.274553	.4460996

#1	1.296464	.1010687	.3142214
#2	1.295900	.0989443	.3114619
#3	1.325246	.0988021	.3132111

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2144.793	2742.560	50613.58	6205.439	3135.798
Stddev	16.610	7.811	172.30	19.044	10.081
%RSD	.7744151	.2848142	.3404293	.3068896	.3214712

#1	2126.496	2749.432	50453.71	6197.927	3144.143
#2	2158.921	2744.182	50796.08	6227.093	3138.654
#3	2148.962	2734.064	50590.95	6191.297	3124.597

Sample Name: J4437-10 Acquired: 8/13/2018 17:41:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB487 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0485287	-.001927	5.039303	.0221594	-.002886	104.4001	2.757659
Stddev	.0052814	.002276	.030572	.0045019	.001239	1.9808	.049836
%RSD	10.88298	118.1347	.6066714	20.31611	42.92856	1.897351	1.807201

#1	.0441884	-.003057	5.007116	.0231062	-.004087	105.7847	2.786594
#2	.0469889	-.003417	5.042840	.0261127	-.002959	105.2845	2.786271
#3	.0544089	.000693	5.067953	.0172594	-.001612	102.1311	2.700114

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108948	.0217858	41.09881	1.998701	.1265566	1.494582	270.3322
Stddev	.0001631	.0004147	.62109	.005594	.0002776	.020186	3.5020
%RSD	1.497395	1.903408	1.511206	.2798642	.2193629	1.350619	1.295426

#1	.0109984	.0213840	41.51325	2.002496	.1262465	1.505946	273.1762
#2	.0109792	.0217610	41.39848	1.992277	.1267820	1.506526	271.3998
#3	.0107067	.0222122	40.38471	2.001330	.1266414	1.471276	266.4208

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.32036	20.70746	.2774364	-.010472	1.953230	.3265850	4.530669
Stddev	.12041	.26106	.0022795	.000487	.382451	.0099633	.040539
%RSD	1.166691	1.260715	.8216192	4.651921	19.58045	3.050744	.8947706

#1	10.40834	20.93448	.2752852	-.009997	2.174888	.3204557	4.572945
#2	10.36961	20.76571	.2771985	-.010970	2.173187	.3380812	4.526936
#3	10.18314	20.42219	.2798254	-.010450	1.511614	.3212182	4.492125

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.363978	8.423618	.3392483	.0102224	3.980182	4.068705	.4086421
Stddev	.142783	.053392	.0080829	.0001880	.026544	.019880	.0028515
%RSD	2.243615	.6338412	2.382594	1.839125	.6668997	.4885986	.6977968

#1	6.453799	8.374738	.3460954	.0104389	3.956994	4.091484	.4079991
#2	6.438801	8.415520	.3413176	.0101287	3.974417	4.059767	.4061670
#3	6.199334	8.480597	.3303319	.0100998	4.009134	4.054863	.4117602

Sample Name: J4437-10 Acquired: 8/13/2018 17:41:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MCB487 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.424877	.1093114	.3164988
Stddev	.023771	.0019282	.0042256
%RSD	1.668261	1.763957	1.335103

#1	1.446947	.1111723	.3195303
#2	1.427974	.1094396	.3182941
#3	1.399710	.1073223	.3116720

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2183.497	2773.519	51518.91	6297.072	3177.064
Stddev	18.436	12.978	268.22	69.200	20.741
%RSD	.8443434	.4679149	.5206200	1.098929	.6528496

#1	2190.118	2788.304	51572.87	6269.830	3199.921
#2	2162.665	2768.240	51227.81	6245.638	3171.831
#3	2197.709	2764.012	51756.04	6375.747	3159.441

Sample Name: J4437-11 Acquired: 8/13/2018 17:45:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB488 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.027872	-.000839	.0289481	.0096101	-.043690	2.460805	.0406255
Stddev	.005476	.001553	.0012695	.0029685	.001965	.011109	.0004203
%RSD	19.64500	185.0089	4.385428	30.88911	4.498332	.4514469	1.034586

#1	-.032741	-.001102	.0281026	.0113216	-.042748	2.463307	.0408959
#2	-.021944	.000828	.0283338	.0113263	-.042373	2.470449	.0401413
#3	-.028932	-.002243	.0304079	.0061824	-.045949	2.448658	.0408393

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010074	-.001245	3.579065	7.675613	.0201396	.0390362	80.13469
Stddev	.0000332	.000031	.019265	.024092	.0001119	.0027953	.36744
%RSD	3.295773	2.460913	.5382577	.3138801	.5554498	7.160700	.4585253

#1	.0010077	-.001275	3.575435	7.661284	.0200520	.0358435	80.13647
#2	.0010404	-.001214	3.599886	7.662128	.0202656	.0410431	80.50124
#3	.0009740	-.001247	3.561873	7.703428	.0201014	.0402219	79.76637

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5881013	2.113276	.0629302	-.004123	.8726953	.0183609	.1222996
Stddev	.0015579	.069186	.0000896	.000283	.4161881	.0048177	.0018121
%RSD	.2649098	3.273889	.1423262	6.860359	47.68997	26.23887	1.481724

#1	.5863039	2.145307	.0628903	-.003810	.8270820	.0238510	.1210152
#2	.5890635	2.033879	.0630328	-.004201	1.309811	.0163927	.1215111
#3	.5889366	2.160643	.0628675	-.004359	.481193	.0148389	.1243724

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.21775	.2212987	.0902275	.0036215	.3509899	6.911708	-.000931
Stddev	.09944	.0035405	.0012858	.0002002	.0031898	.216398	.000662
%RSD	8.166283	1.599859	1.425023	5.529383	.9087941	3.130895	71.11703

#1	-1.32356	.2178637	.0914942	.0038196	.3526533	7.050718	-.001105
#2	-1.12621	.2210965	.0902646	.0036257	.3473123	7.022023	-.000199
#3	-1.20349	.2249360	.0889235	.0034191	.3530042	6.662383	-.001488

Sample Name: J4437-11 Acquired: 8/13/2018 17:45:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB488 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0963241	-.000698	.0119174
Stddev	.0039718	.000459	.0002741
%RSD	4.123423	65.78321	2.299790

#1	.0982116	-.000856	.0122338
#2	.0990004	-.000180	.0117507
#3	.0917605	-.001056	.0117679

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1772.879	2235.738	42045.52	5107.500	3262.977
Stddev	22.622	4.822	237.96	25.960	2.067
%RSD	1.276005	.2156565	.5659565	.5082718	.0633378

#1	1746.778	2240.472	41864.78	5092.300	3264.873
#2	1786.816	2235.909	42315.12	5092.725	3263.284
#3	1785.044	2230.833	41956.64	5137.475	3260.774

Sample Name: CCV092 Acquired: 8/13/2018 17:49:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV092 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.809616	4.903357	24.74964	4.685645	4.710109	416.2180	9.954131
Stddev	.033172	.011032	.06715	.015251	.020568	1.6925	.026599
%RSD	.6896971	.2249903	.2713022	.3254730	.4366855	.4066304	.2672159

#1	4.802566	4.890840	24.72180	4.682130	4.699989	414.6318	9.926186
#2	4.780536	4.907566	24.70089	4.672460	4.696561	416.0223	9.957067
#3	4.845746	4.911665	24.82623	4.702347	4.733777	417.9998	9.979140

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5069891	2.505600	413.5084	15.50140	2.552247	15.13976	418.7882
Stddev	.0054942	.008130	1.8771	.02132	.005512	.09468	1.6284
%RSD	1.083684	.3244906	.4539465	.1375565	.2159493	.6253681	.3888348

#1	.5063062	2.504344	411.8272	15.51394	2.552875	15.05879	417.2278
#2	.5018683	2.498171	413.1641	15.51349	2.546448	15.11662	418.6600
#3	.5127927	2.514285	415.5338	15.47678	2.557417	15.24386	420.4770

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.95855	412.9402	2.472777	1.259841	415.3366	2.459169	15.13060
Stddev	.07326	2.0347	.008479	.007036	.8399	.015651	.15441
%RSD	.4897667	.4927429	.3428793	.5584533	.2022209	.6364319	1.020511

#1	14.89114	411.3085	2.470255	1.255624	414.4003	2.444301	14.95457
#2	14.94799	412.2921	2.465845	1.255937	415.5855	2.457707	15.19408
#3	15.03652	415.2200	2.482230	1.267963	416.0238	2.475500	15.24316

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.3245	5.301896	5.399482	4.852470	5.050023	4.979091	4.972508
Stddev	.7805	.022712	.047142	.016986	.006854	.043980	.021387
%RSD	.5057617	.4283672	.8730836	.3500473	.1357203	.8832919	.4301079

#1	153.5437	5.277713	5.374359	4.848040	5.048482	4.969309	4.956148
#2	154.3250	5.305200	5.370222	4.838139	5.057517	4.940826	4.964667
#3	155.1047	5.322774	5.453864	4.871233	5.044071	5.027138	4.996709

Sample Name: CCV092 Acquired: 8/13/2018 17:49:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV092 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.063928	5.094400	5.076667
Stddev	.034783	.024572	.020682
%RSD	.6868723	.4823267	.4073860

#1	5.033812	5.074903	5.058896
#2	5.055973	5.086297	5.071739
#3	5.102000	5.122000	5.099368

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1518.666	1918.098	37215.35	4726.604	2633.342
Stddev	15.904	6.106	160.46	31.692	8.346
%RSD	1.047264	.3183284	.4311629	.6705123	.3169399

#1	1531.711	1920.958	37331.18	4740.731	2635.548
#2	1523.338	1922.249	37282.67	4748.775	2640.363
#3	1500.949	1911.087	37032.20	4690.304	2624.114

Sample Name: CCB092 Acquired: 8/13/2018 17:52:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB092 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002470	-.001292	.0019201	-.000074	-.001030	-.003389	.0000943
Stddev	.003144	.000739	.0012971	.003588	.002038	.007994	.0007671
%RSD	127.2702	57.23987	67.55403	4816.585	197.8782	235.8884	813.6626

#1	-.004222	-.000892	.0008876	.000294	-.003188	.005838	-.000583
#2	-.004348	-.000838	.0014966	.003315	-.000765	-.007786	-.000062
#3	.001159	-.002145	.0033760	-.003833	.000862	-.008219	.000927

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000014	-.000172	.0067618	-.000411	.0000264	-.000990	-.020014
Stddev	.000074	.000119	.0140713	.000121	.0002021	.001655	.013517
%RSD	527.0527	69.03250	208.0978	29.48062	765.6574	167.1052	67.53839

#1	-.000079	-.000053	.0171167	-.000527	-.000189	-.002560	-.011851
#2	.000067	-.000173	.0124280	-.000286	.000057	.000738	-.012574
#3	-.000030	-.000290	-.009259	-.000420	.000212	-.001149	-.035616

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012227	.0266737	.0001390	-.000014	-.212952	-.001509	.0002180
Stddev	.0005302	.0278658	.0006973	.000402	.064625	.003477	.0071090
%RSD	43.36089	104.4693	501.6485	2831.316	30.34744	230.4082	3261.080

#1	.0017236	.0134644	-.000151	.000195	-.162174	-.002305	-.007689
#2	.0012770	.0078689	.000935	.000240	-.190984	.002297	.002262
#3	.0006674	.0586877	-.000366	-.000477	-.285697	-.004519	.006081

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1903220	-.003461	-.001448	.0003986	-.005241	.0026361	-.002204
Stddev	.1093352	.000490	.000373	.0000770	.005734	.0005388	.002301
%RSD	57.44750	14.16067	25.75124	19.32818	109.4189	20.43924	104.4344

#1	.2070520	-.003631	-.001861	.0003233	.000026	.0027499	.000239
#2	.0735861	-.002908	-.001349	.0004773	-.004399	.0020494	-.004332
#3	.2903281	-.003842	-.001135	.0003951	-.011350	.0031088	-.002518

Sample Name: CCB092 Acquired: 8/13/2018 17:52:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v624) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB092 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001019	.0037739	-.000001
Stddev	.001237	.0008756	.000169
%RSD	121.3505	23.20132	23253.55

#1	-.001431	.0029790	-.000051
#2	-.001997	.0036302	.000188
#3	.000371	.0047124	-.000139

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1752.104	2230.082	40698.76	4893.925	3238.746
Stddev	13.239	6.043	229.10	6.982	7.733
%RSD	.7556307	.2709711	.5629243	.1426755	.2387595

#1	1761.693	2229.750	40785.70	4887.700	3242.386
#2	1736.998	2236.285	40438.91	4901.475	3243.987
#3	1757.621	2224.212	40871.66	4892.600	3229.865