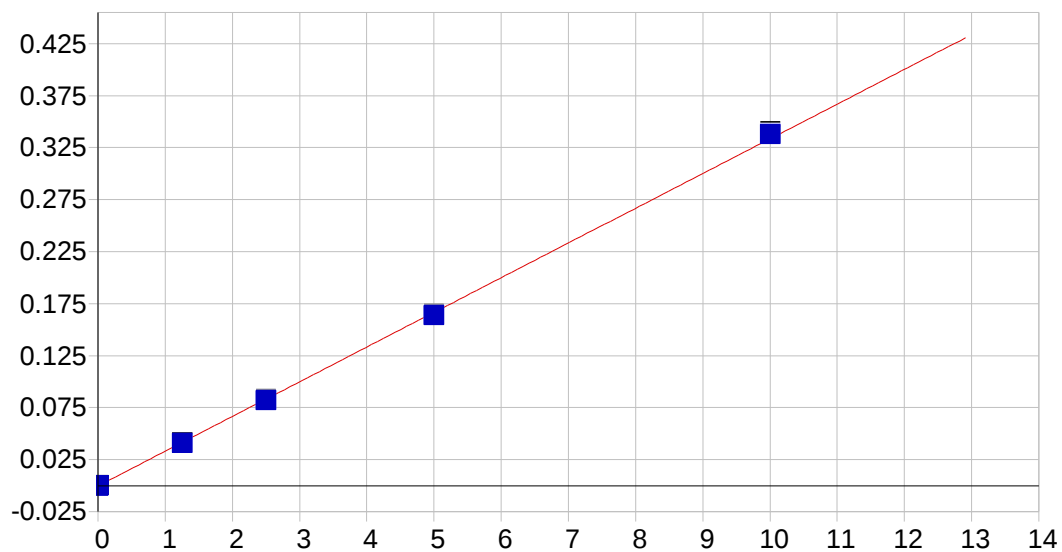




As 189.042 {479}

Date of Fit: 6/12/2018 12:29:37

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000237

Re-Slope: 1.000000

A1 (Gain): 0.033373

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999896

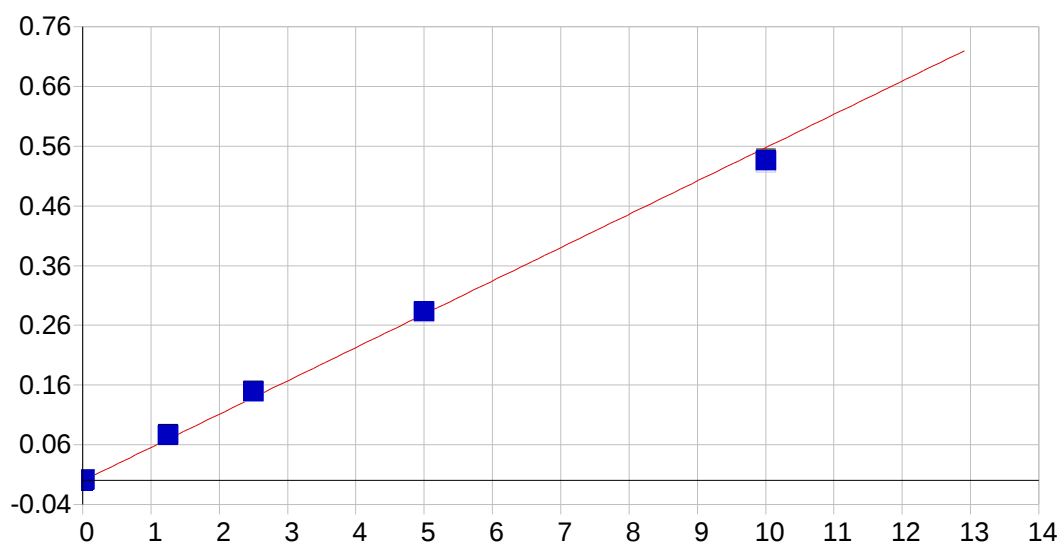
Status: OK.

Std Error of Est: 0.000008

Predicted MDL: 0.003836

Predicted MQL: 0.012787

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00024	.000	1
S1	.01000	.01033	.000	3.33	.00011	.000	1
S2	1.2500	1.2332	-.017	-1.35	.04102	.000	1
S3	2.5000	2.4687	-.031	-1.25	.08235	.001	1
S4	5.0000	4.9137	-.086	-1.73	.16414	.001	1
S5	10.000	10.134	.134	1.34	.33875	.002	1



TI 190.856 {477}

Date of Fit: 6/12/2018 12:29:37

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000379

Re-Slope: 1.000000

A1 (Gain): 0.055778

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998882

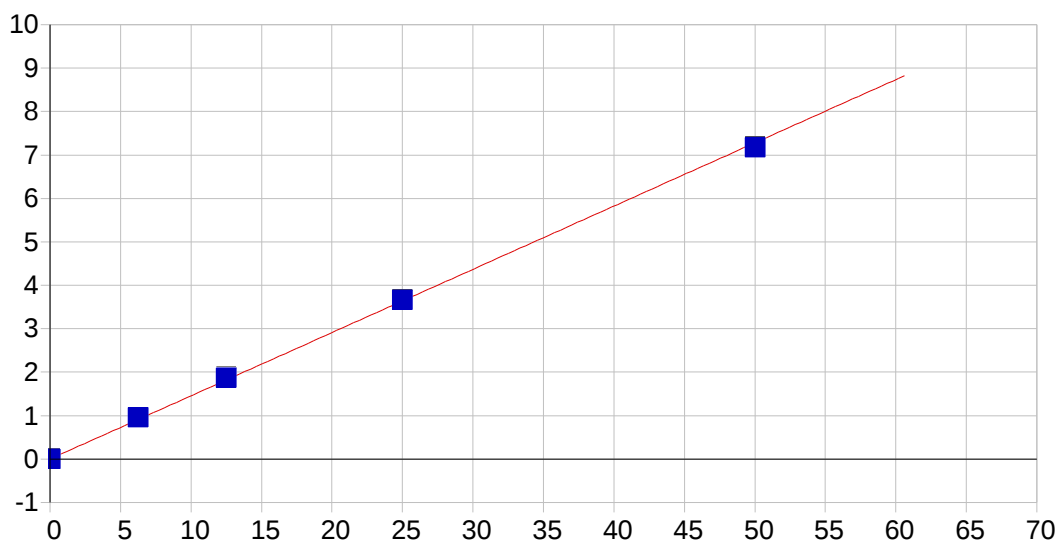
Status: OK.

Std Error of Est: 0.000070

Predicted MDL: 0.002011

Predicted MQL: 0.006704

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00038	.000	1
S1	.02500	.02749	.002	9.95	.00113	.000	1
S2	1.2500	1.3761	.126	10.1	.07596	.001	1
S3	2.5000	2.6775	.177	7.10	.14812	.001	1
S4	5.0000	5.0780	.078	1.56	.28118	.001	1
S5	10.000	9.6160	-.384	-3.84	.53261	.003	1

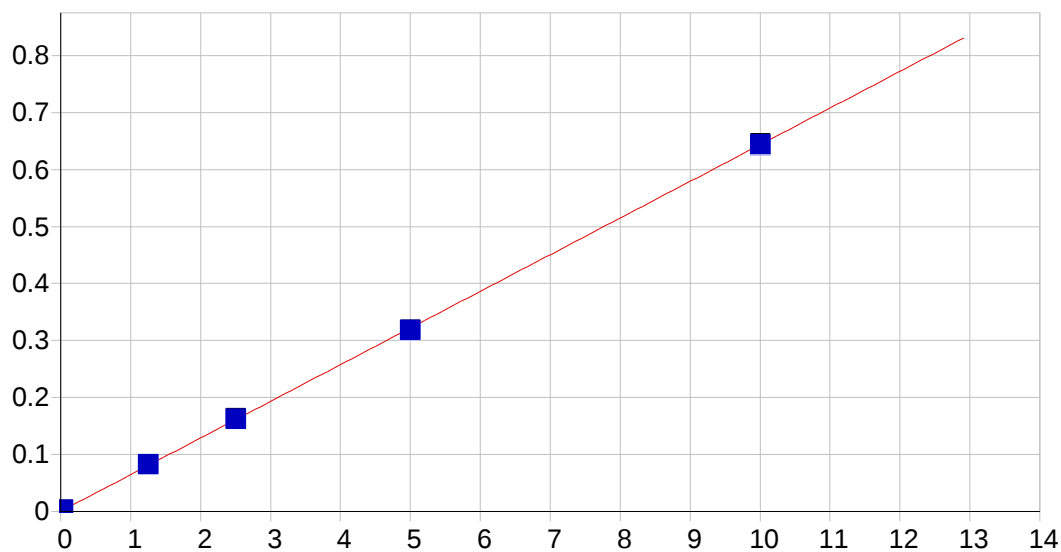


Pb 220.353 {453}

Date of Fit: 6/12/2018 12:29:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000347 Re-Slope: 1.000000
 A1 (Gain): 0.145614 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999805 Status: OK.
 Std Error of Est: 0.000108
 Predicted MDL: 0.001686
 Predicted MQL: 0.005619

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00035	.000	1
S1	.01000	.01190	.002	19.0	.00139	.000	1
S2	6.2500	6.5446	.295	4.71	.95407	.004	1
S3	12.500	12.864	.364	2.91	1.8757	.010	1
S4	25.000	25.099	.099	.397	3.6602	.008	1
S5	50.000	49.240	-.760	-1.52	7.1812	.014	1



Date of Fit: 6/12/2018 12:29:37

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000274

Re-Slope: 1.000000

A1 (Gain): 0.064335

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999957

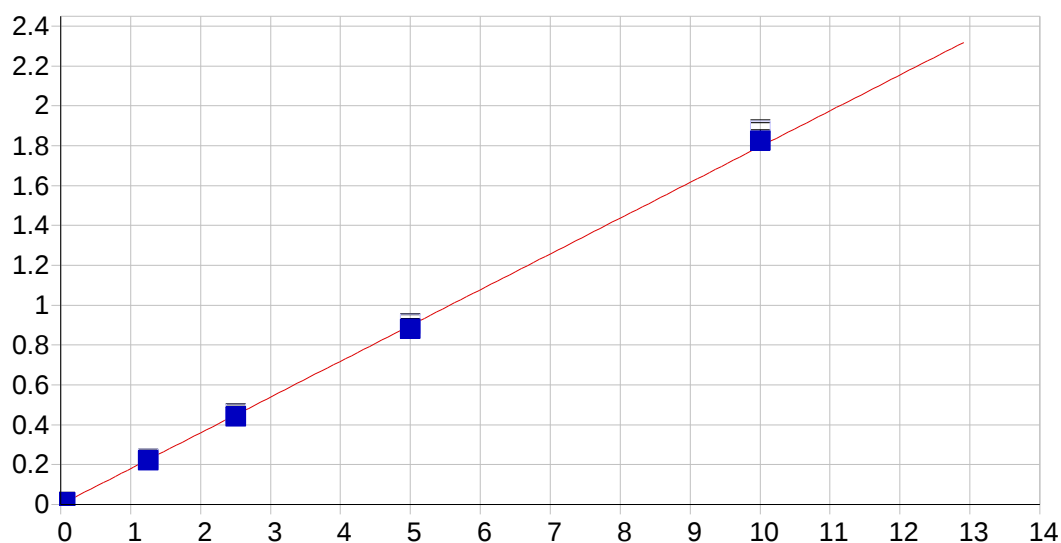
Status: OK.

Std Error of Est: 0.000019

Predicted MDL: 0.003104

Predicted MQL: 0.010348

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00027	.000	1
S1	.03500	.03681	.002	5.17	.00264	.000	1
S2	1.2500	1.2752	.025	2.01	.08193	.000	1
S3	2.5000	2.5280	.028	1.12	.16216	.001	1
S4	5.0000	4.9413	-.059	-1.17	.31667	.001	1
S5	10.000	10.004	.004	.036	.64084	.002	1

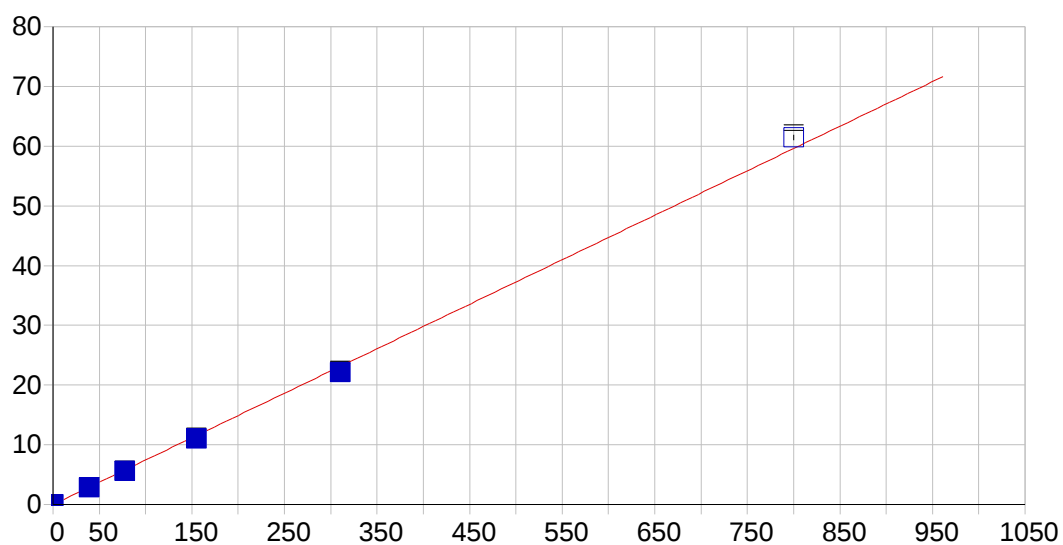


Sb 206.833 {463}

Date of Fit: 6/12/2018 12:29:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000351 Re-Slope: 1.000000
 A1 (Gain): 0.179567 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999865 Status: OK.
 Std Error of Est: 0.000125
 Predicted MDL: 0.001450
 Predicted MQL: 0.004833

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00035	.000	1
S1	.06000	.05974	.000	-.435	.01108	.000	1
S2	1.2500	1.2288	-.021	-1.69	.22712	.001	1
S3	2.5000	2.4551	-.045	-1.80	.45343	.003	1
S4	5.0000	4.9081	-.092	-1.84	.90614	.002	1
S5	10.000	10.158	.158	1.58	1.8733	.007	1

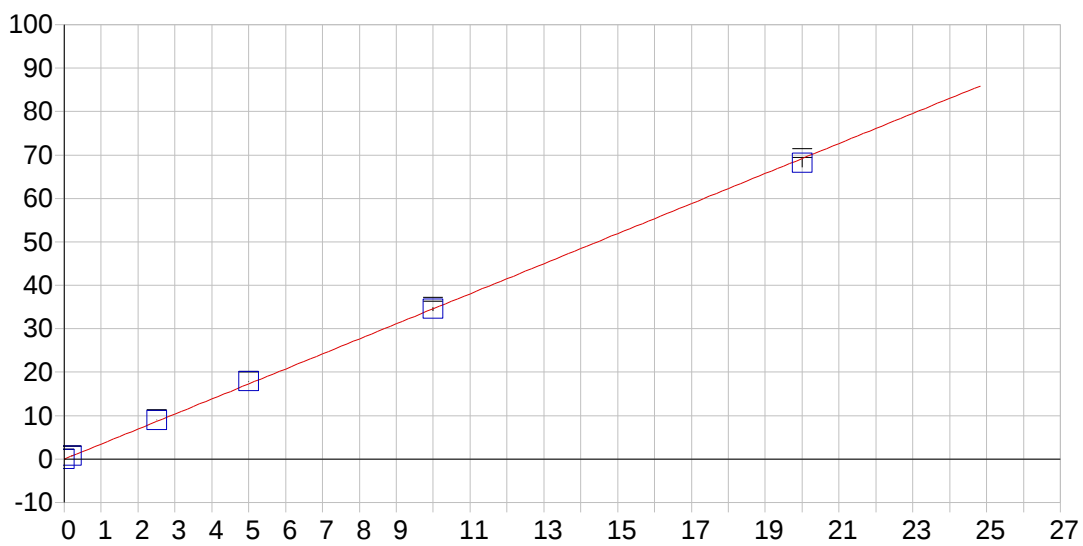


AI 396.152 { 85}

Date of Fit: 6/12/2018 12:33:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000934 Re-Slope: 1.000000
 A1 (Gain): 0.074505 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999360 Status: OK.
 Std Error of Est: 0.001659
 Predicted MDL: 0.009320
 Predicted MQL: 0.031068

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00094	.001	1
S1	.20000	.20591	.006	2.95	.01630	.000	1
S2	38.750	37.786	-.964	-2.49	2.8189	.004	1
S3	77.500	74.589	-2.91	-3.76	5.5635	.030	1
S4	155.00	147.59	-7.41	-4.78	11.008	.139	1
S5	310.00	297.00	-13.0	-4.19	22.150	.175	1
S6	800.00	824.31	24.3	3.04	61.416	.450	1

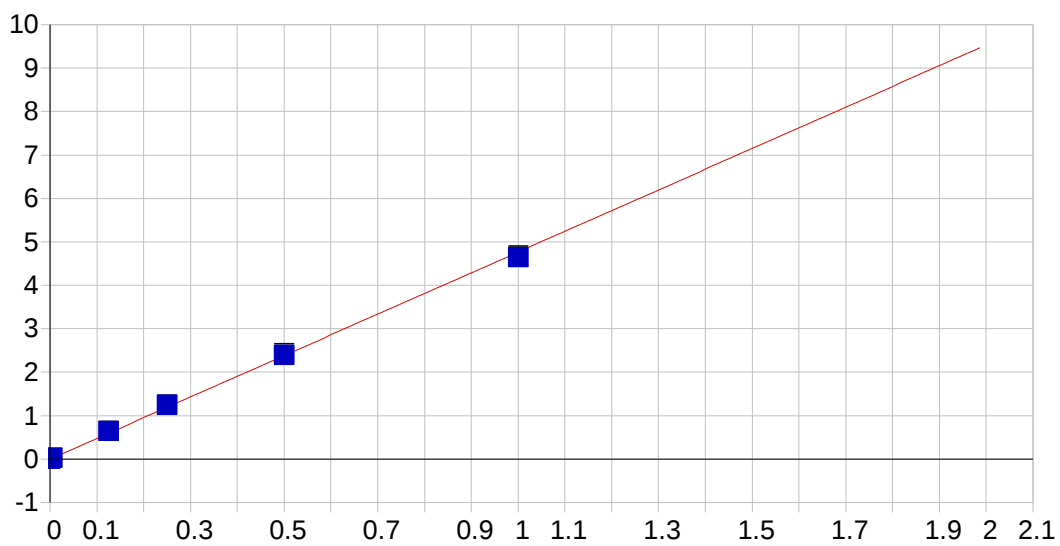


Ba 493.409 { 68}

Date of Fit: 6/12/2018 12:29:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.012703 Re-Slope: 1.000000
 A1 (Gain): 3.460282 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999801 Status: OK.
 Std Error of Est: 0.007343
 Predicted MDL: 0.000592
 Predicted MQL: 0.001973

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	-.01279	.001	1
S1	.20000	.21409	.014	7.04	.72809	.031	1
S2	2.5000	2.6055	.105	4.22	9.0031	.027	1
S3	5.0000	5.1687	.169	3.37	17.872	.033	1
S4	10.000	9.9902	-.010	-.098	34.556	.451	1
S5	20.000	19.722	-.278	-1.39	68.229	1.01	1

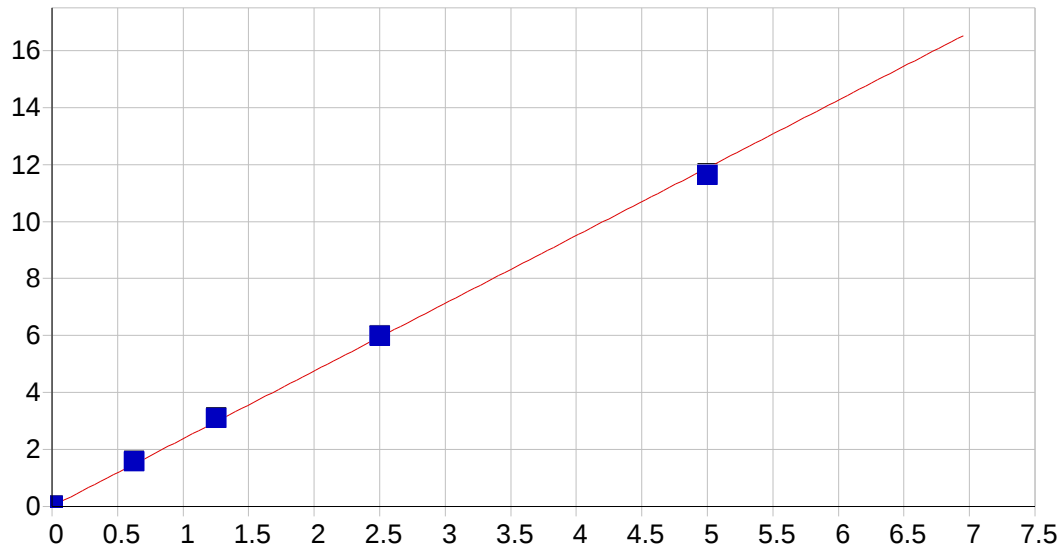


Be 234.861 {144}

Date of Fit: 6/12/2018 12:29:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001736 Re-Slope: 1.000000
 A1 (Gain): 4.767144 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999463 Status: OK.
 Std Error of Est: 0.000584
 Predicted MDL: 0.000072
 Predicted MQL: 0.000238

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00174	.000	1
S1	.00500	.00536	.000	7.22	.02380	.001	1
S2	.12500	.13485	.010	7.88	.63849	.003	1
S3	.25000	.26209	.012	4.83	1.2425	.006	1
S4	.50000	.50236	.002	.471	2.3826	.044	1
S5	1.0000	.97535	-.025	-2.46	4.6271	.031	1

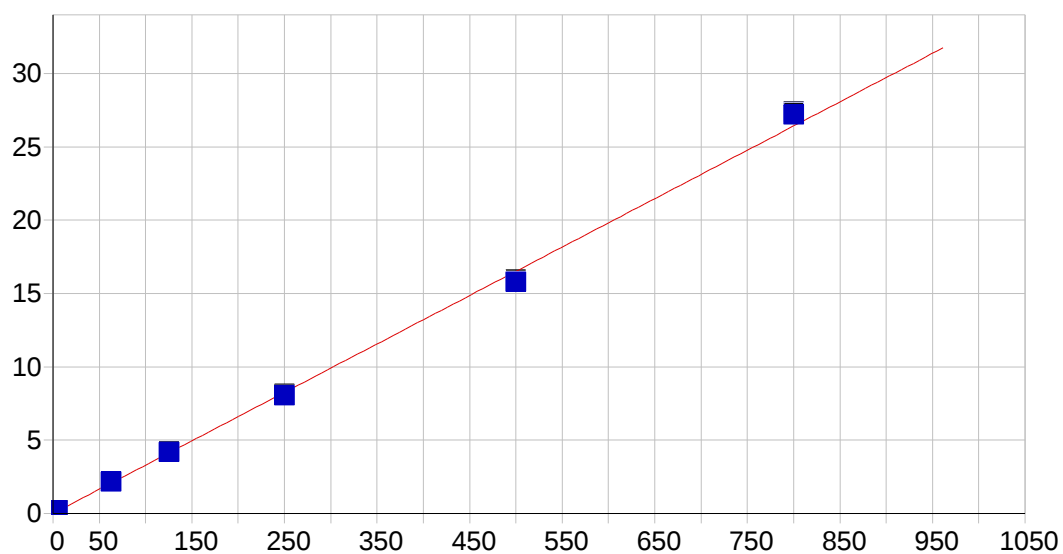


Cd 214.438 {457}

Date of Fit: 6/12/2018 12:29:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000658 Re-Slope: 1.000000
 A1 (Gain): 2.376836 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999585 Status: OK.
 Std Error of Est: 0.000575
 Predicted MDL: 0.000081
 Predicted MQL: 0.000269

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00066	.000	1
S1	.00500	.00528	.000	5.53	.01321	.000	1
S2	.62500	.66791	.043	6.87	1.5912	.005	1
S3	1.2500	1.3031	.053	4.25	3.1040	.015	1
S4	2.5000	2.5156	.016	.624	5.9921	.012	1
S5	5.0000	4.8881	-.112	-2.24	11.643	.036	1



Ca 373.690 { 90}

Date of Fit: 6/12/2018 12:33:55

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001056

Re-Slope: 1.000000

A1 (Gain): 0.033023

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999403

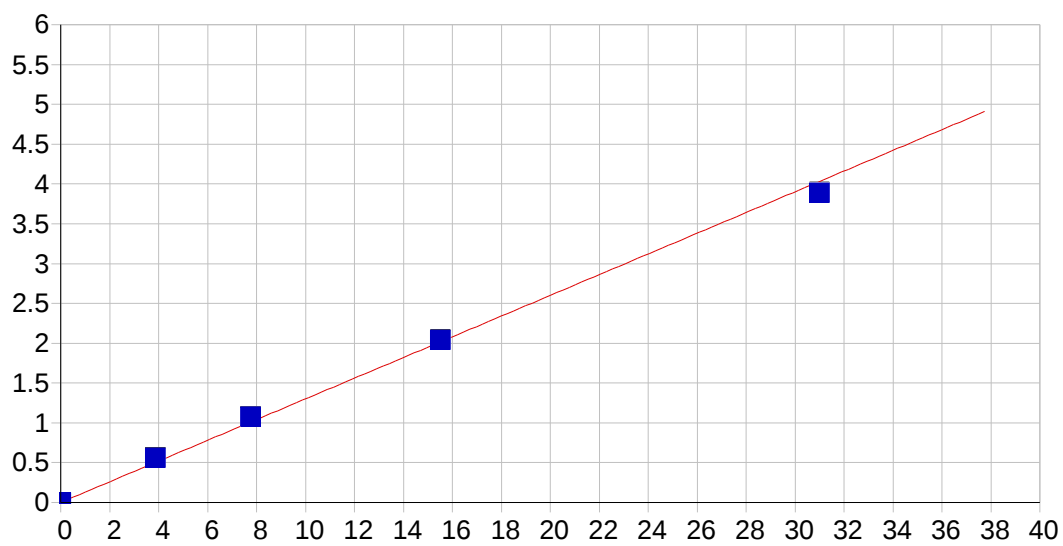
Status: OK.

Std Error of Est: 0.004003

Predicted MDL: 0.014907

Predicted MQL: 0.049690

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00064	-.001	.000	.00104	.000	1
S1	5.0000	5.5456	.546	10.9	.18421	.008	1
S2	62.500	65.371	2.87	4.59	2.1672	.005	1
S3	125.00	126.73	1.73	1.39	4.2009	.010	1
S4	250.00	243.29	-6.71	-2.68	8.0647	.092	1
S5	500.00	477.67	-22.3	-4.47	15.834	.097	1
S6	800.00	823.83	23.8	2.98	27.363	.045	1

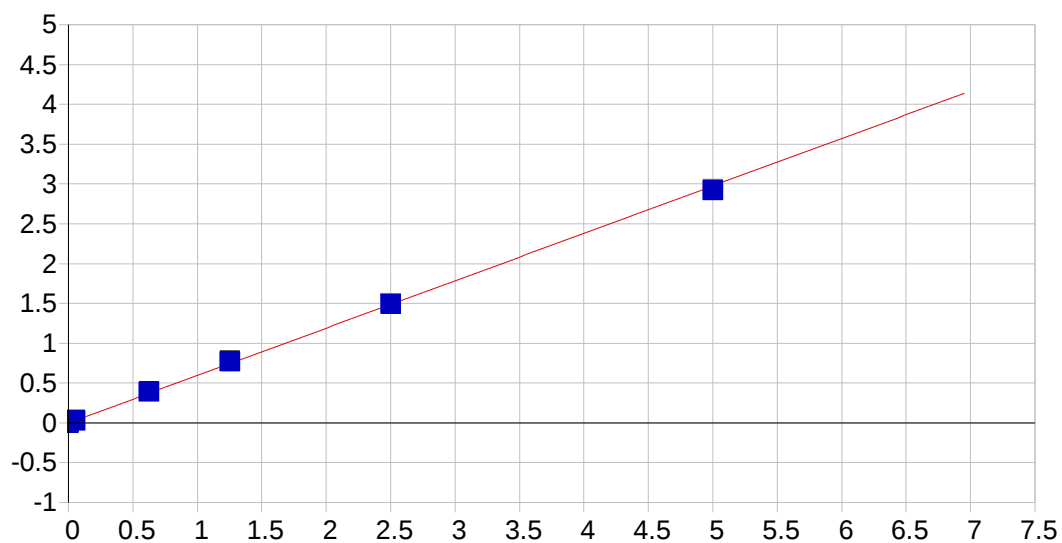


Cr 267.716 {126}

Date of Fit: 6/12/2018 12:29:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000052 Re-Slope: 1.000000
 A1 (Gain): 0.130040 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998935 Status: OK.
 Std Error of Est: 0.000178
 Predicted MDL: 0.000454
 Predicted MQL: 0.001514

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00005	.000	1
S1	.01000	.01108	.001	10.8	.00150	.000	1
S2	3.8750	4.3050	.430	11.1	.56076	.002	1
S3	7.7500	8.2710	.521	6.72	1.0774	.002	1
S4	15.500	15.660	.160	1.03	2.0401	.004	1
S5	31.000	29.888	-1.11	-3.59	3.8938	.007	1

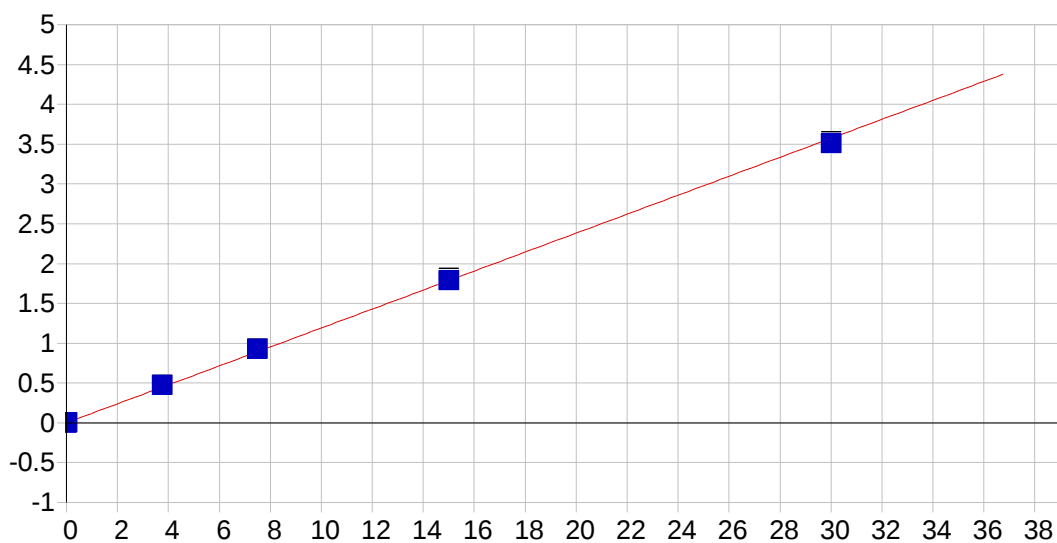


Co 228.616 {448}

Date of Fit: 6/12/2018 12:29:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000245 Re-Slope: 1.000000
 A1 (Gain): 0.595098 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999749 Status: OK.
 Std Error of Est: 0.000355
 Predicted MDL: 0.000278
 Predicted MQL: 0.000926

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00025	.000	1
S1	.05000	.05054	.001	1.08	.02994	.000	1
S2	.62500	.65567	.031	4.91	.39068	.002	1
S3	1.2500	1.2942	.044	3.54	.77141	.005	1
S4	2.5000	2.5140	.014	.561	1.4988	.004	1
S5	5.0000	4.9106	-.089	-1.79	2.9279	.008	1

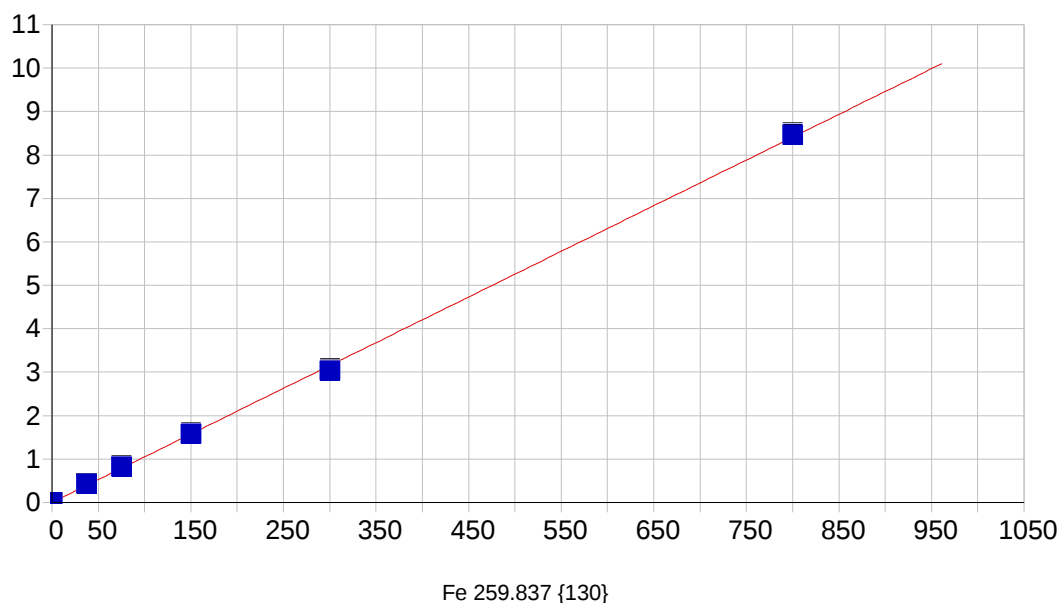


Cu 324.754 {104}

Date of Fit: 6/12/2018 12:29:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000208 Re-Slope: 1.000000
 A1 (Gain): 0.119095 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999700 Status: OK.
 Std Error of Est: 0.000134
 Predicted MDL: 0.002998
 Predicted MQL: 0.009993

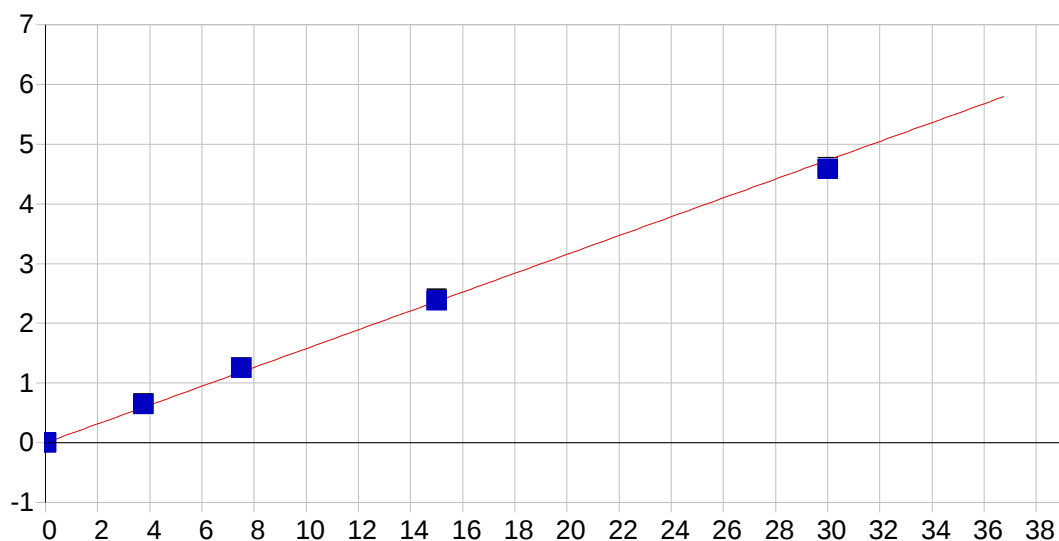
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00021	.000	1
S1	.02500	.02976	.005	19.1	.00375	.000	1
S2	3.7500	3.9575	.208	5.53	.47125	.001	1
S3	7.5000	7.7955	.296	3.94	.92806	.003	1
S4	15.000	15.029	.029	.194	1.7890	.026	1
S5	30.000	29.463	-.537	-1.79	3.5069	.025	1



Date of Fit: 6/12/2018 12:33:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000241 Re-Slope: 1.000000
 A1 (Gain): 0.010512 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999682 Status: OK.
 Std Error of Est: 0.000116
 Predicted MDL: 0.014990
 Predicted MQL: 0.049967

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00024	.000	1
S1	.10000	.09689	-.003	-3.11	.00128	.000	1
S2	37.500	40.491	2.99	7.98	.42798	.001	1
S3	75.000	78.573	3.57	4.76	.83039	.011	1
S4	150.00	150.19	.194	.130	1.5875	.013	1
S5	300.00	288.52	-11.5	-3.83	3.0500	.027	1
S6	800.00	804.73	4.73	.591	8.4975	.017	1

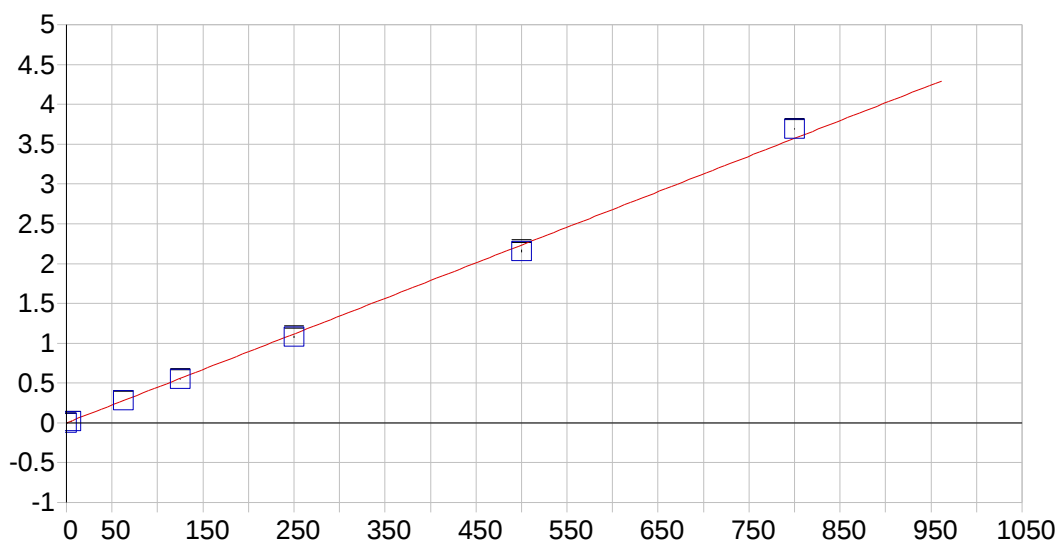


Mn 257.610 {131}

Date of Fit: 6/12/2018 12:29:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000010 Re-Slope: 1.000000
 A1 (Gain): 0.157678 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999206 Status: OK.
 Std Error of Est: 0.000224
 Predicted MDL: 0.000942
 Predicted MQL: 0.003141

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00001	.000	1
S1	.01500	.01840	.003	22.7	.00289	.000	1
S2	3.7500	4.1103	.360	9.61	.64822	.002	1
S3	7.5000	7.9484	.448	5.98	1.2536	.004	1
S4	15.000	15.085	.085	.564	2.3790	.032	1
S5	30.000	29.103	-.897	-2.99	4.5900	.022	1

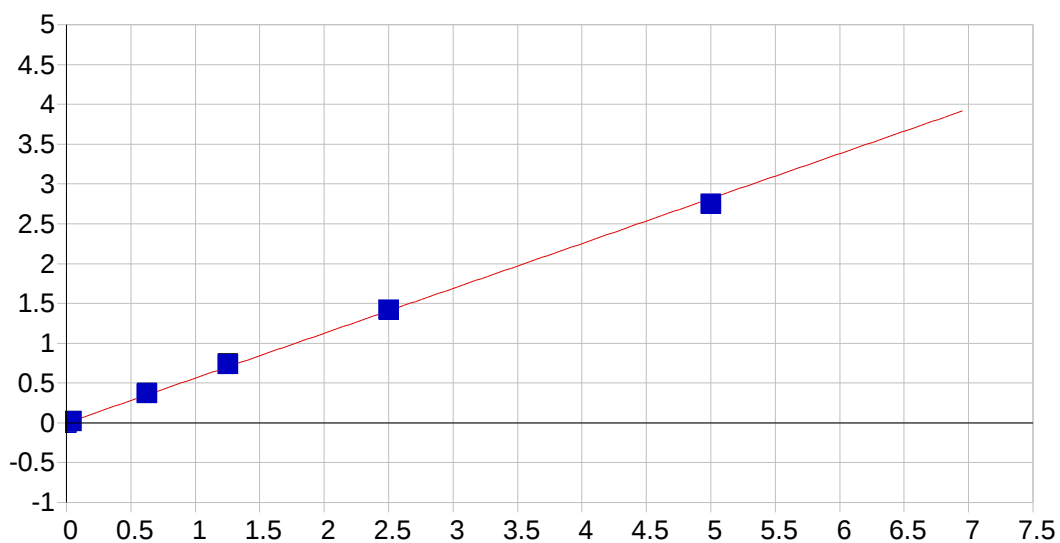


Mg 279.079 {121}

Date of Fit: 6/12/2018 12:33:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000192 Re-Slope: 1.000000
 A1 (Gain): 0.004466 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999518 Status: OK.
 Std Error of Est: 0.000484
 Predicted MDL: 0.043161
 Predicted MQL: 0.143872

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00023	.000	.000	-.00019	.000	1
S1	5.0000	5.0036	.004	.072	.02215	.001	1
S2	62.500	62.332	-.168	-.269	.27817	.002	1
S3	125.00	123.33	-1.67	-1.34	.55056	.006	1
S4	250.00	242.24	-7.76	-3.10	1.0816	.012	1
S5	500.00	483.34	-16.7	-3.33	2.1583	.020	1
S6	800.00	826.26	26.3	3.28	3.6897	.008	1

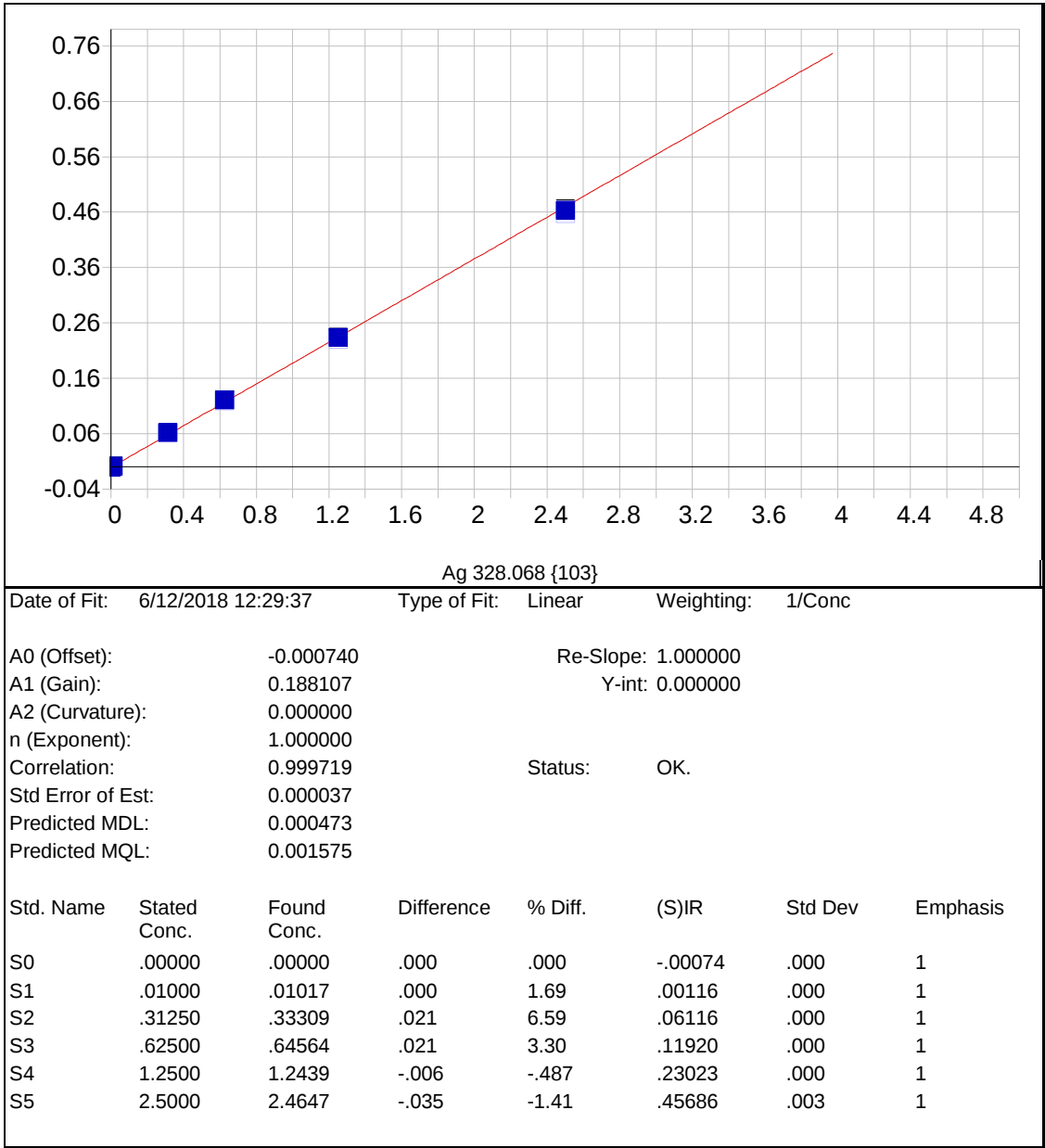


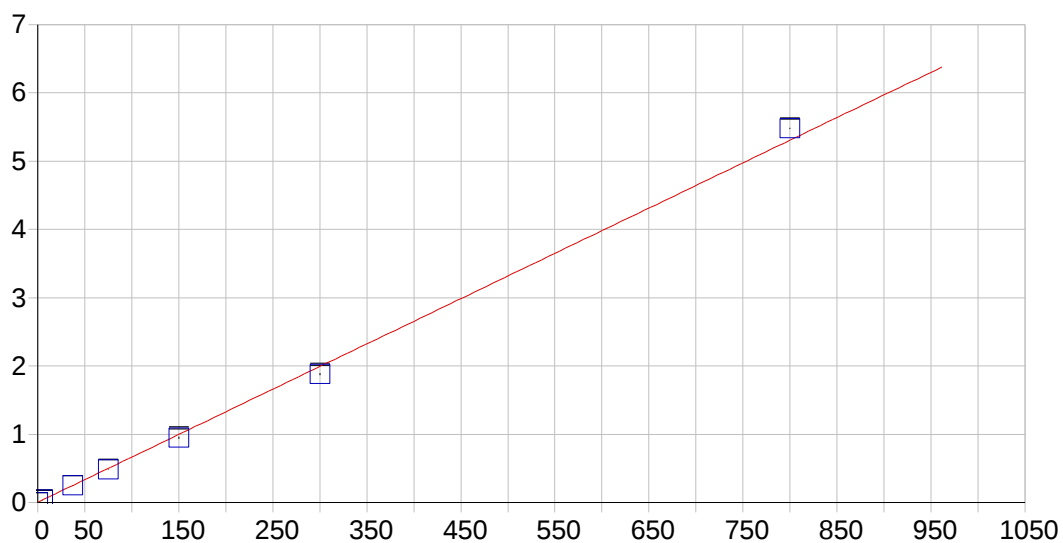
Ni 231.604 {446}

Date of Fit: 6/12/2018 12:29:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001321 Re-Slope: 1.000000
 A1 (Gain): 0.563480 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999544 Status: OK.
 Std Error of Est: 0.000405
 Predicted MDL: 0.000387
 Predicted MQL: 0.001290

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00132	.000	1
S1	.04000	.04223	.002	5.58	.02249	.000	1
S2	.62500	.66594	.041	6.55	.37465	.002	1
S3	1.2500	1.3081	.058	4.65	.73721	.004	1
S4	2.5000	2.5203	.020	.812	1.4217	.003	1
S5	5.0000	4.8784	-.122	-2.43	2.7534	.004	1



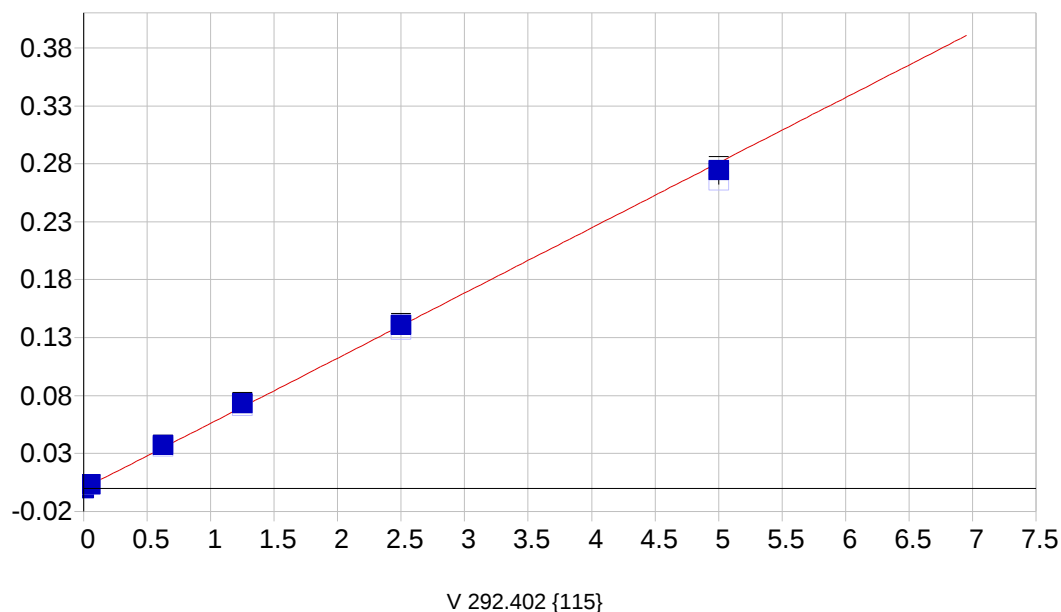


Na 818.326 { 41}

Date of Fit: 6/12/2018 12:33:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002031 Re-Slope: 1.000000
 A1 (Gain): 0.006632 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999196 Status: OK.
 Std Error of Est: 0.000823
 Predicted MDL: 0.222840
 Predicted MQL: 0.742801

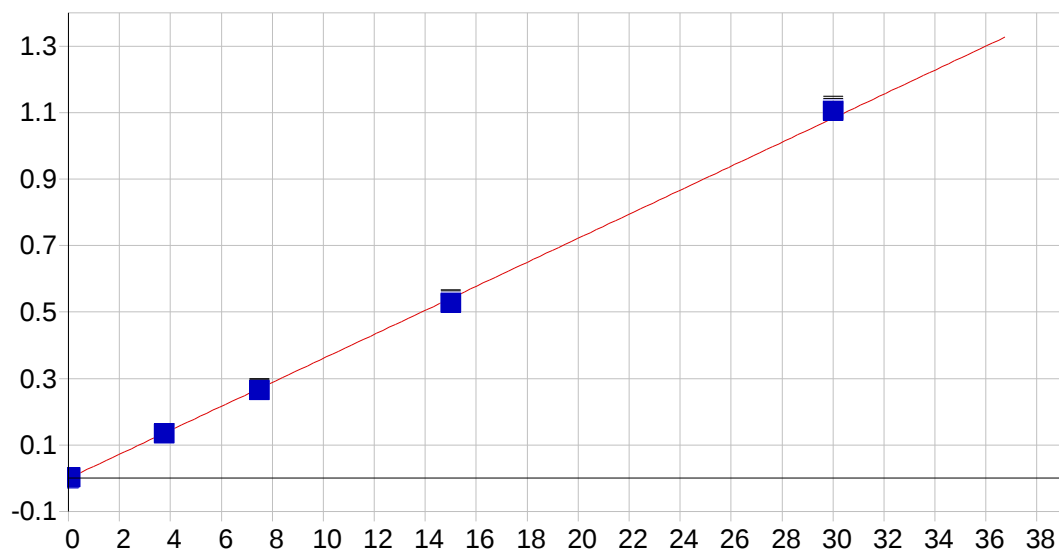
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00021	.000	.000	.00203	.001	1
S1	5.0000	5.3161	.316	6.32	.03729	.001	1
S2	37.500	37.319	-.181	-.482	.24954	.001	1
S3	75.000	72.715	-2.28	-3.05	.48430	.004	1
S4	150.00	142.85	-7.15	-4.77	.94942	.013	1
S5	300.00	283.33	-16.7	-5.56	1.8811	.014	1
S6	800.00	825.97	26.0	3.25	5.4801	.009	1



Date of Fit: 6/12/2018 12:29:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000125 Re-Slope: 1.000000
 A1 (Gain): 0.056211 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999530 Status: OK.
 Std Error of Est: 0.000044
 Predicted MDL: 0.004268
 Predicted MQL: 0.014228

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00013	.000	1
S1	.05000	.05571	.006	11.4	.00300	.000	1
S2	.62500	.66351	.039	6.16	.03601	.000	1
S3	1.2500	1.3066	.057	4.53	.07100	.001	1
S4	2.5000	2.5136	.014	.544	.13653	.001	1
S5	5.0000	4.8854	-.115	-2.29	.26522	.003	1

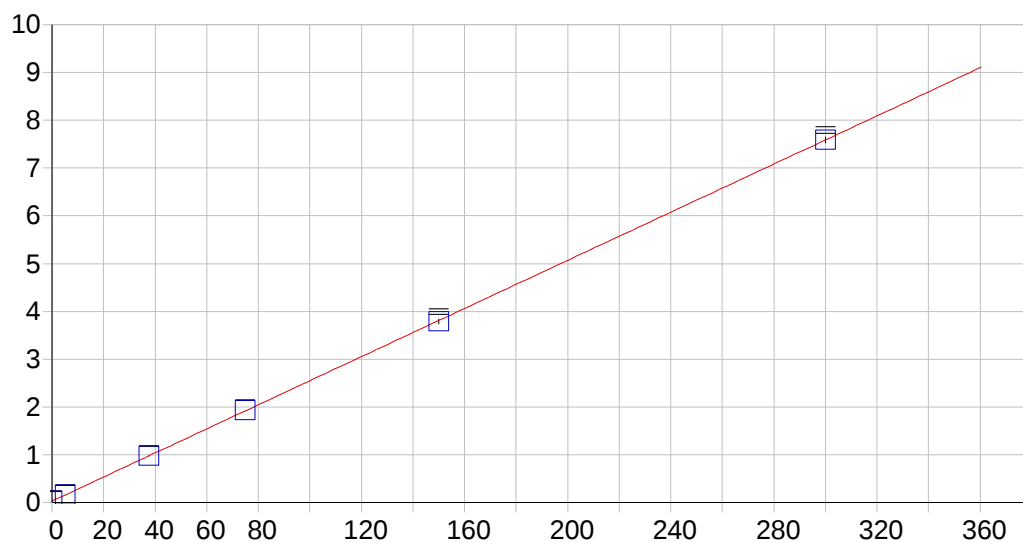


Zn 213.856 {158}

Date of Fit: 6/12/2018 12:29:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000473 Re-Slope: 1.000000
 A1 (Gain): 0.036122 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999763 Status: OK.
 Std Error of Est: 0.000056
 Predicted MDL: 0.009009
 Predicted MQL: 0.030029

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00047	.000	1
S1	.06000	.06136	.001	2.27	.00175	.000	1
S2	3.7500	3.7110	-.039	-1.04	.13421	.001	1
S3	7.5000	7.3268	-.173	-2.31	.26546	.004	1
S4	15.000	14.606	-.394	-2.62	.52969	.007	1
S5	30.000	30.604	.604	2.01	1.1101	.009	1



K 769.896 { 44}

Date of Fit: 6/12/2018 12:29:38

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.029305

Re-Slope: 1.000000

A1 (Gain): 0.025195

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999993

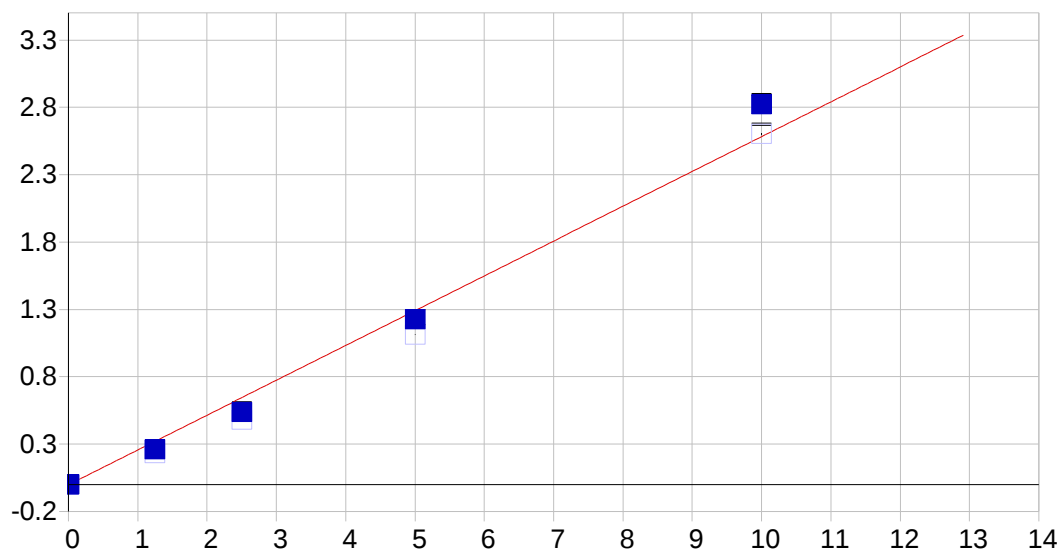
Status: OK.

Std Error of Est: 0.000194

Predicted MDL: 0.051670

Predicted MQL: 0.172233

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00005	.000	.000	.02930	.002	1
S1	5.0000	5.0260	.026	.519	.15593	.007	1
S2	37.500	37.628	.128	.341	.97735	.001	1
S3	75.000	75.530	.530	.707	1.9323	.003	1
S4	150.00	149.27	-.735	-.490	3.7901	.053	1
S5	300.00	300.05	.051	.017	7.5891	.067	1

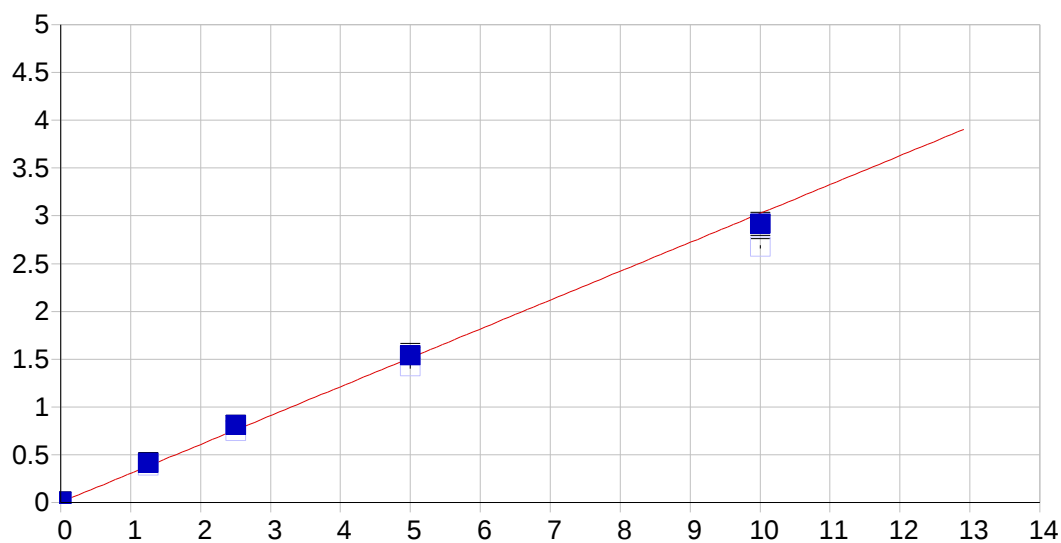


P 177.495 {490}

Date of Fit: 6/12/2018 12:29:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000690 Re-Slope: 1.000000
 A1 (Gain): 0.258359 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.992830 Status: OK.
 Std Error of Est: 0.000477
 Predicted MDL: 0.000326
 Predicted MQL: 0.001085

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00069	.000	1
S1	.01000	.00175	-.008	-82.5	-.00040	.000	1
S2	1.2500	1.0036	-.246	-19.7	.23074	.003	1
S3	2.5000	2.0777	-.422	-16.9	.48038	.004	1
S4	5.0000	4.7436	-.256	-5.13	1.1134	.001	1
S5	10.000	10.934	.934	9.34	2.6013	.007	1



B 249.678 {135}

Date of Fit: 6/12/2018 12:29:38

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.002870

Re-Slope: 1.000000

A1 (Gain): 0.302157

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998879

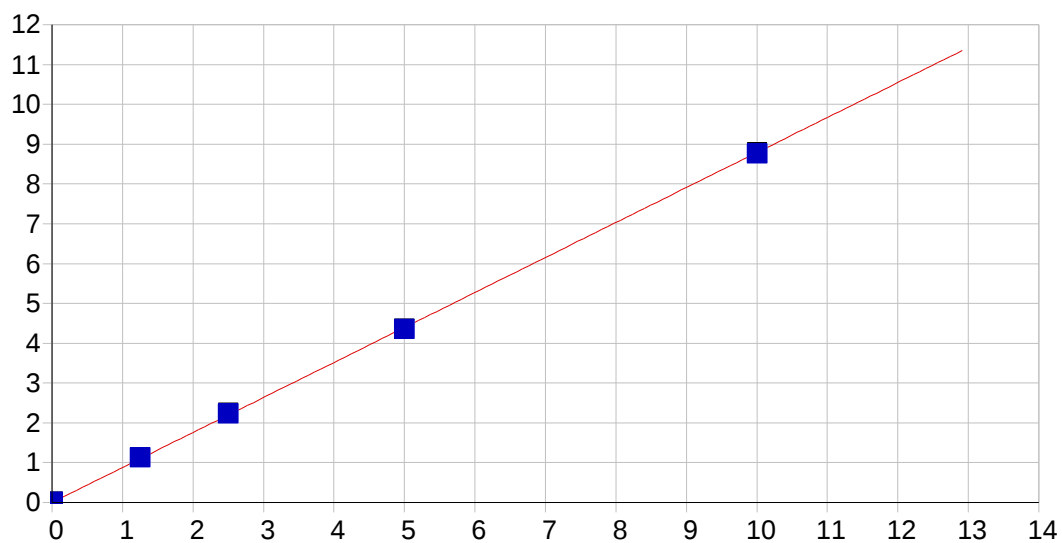
Status: OK.

Std Error of Est: 0.000221

Predicted MDL: 0.001125

Predicted MQL: 0.003749

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00287	.000	1
S1	.01000	.00712	-.003	-28.8	.00496	.000	1
S2	1.2500	1.3606	.111	8.85	.38407	.002	1
S3	2.5000	2.6615	.161	6.46	.74722	.002	1
S4	5.0000	5.0915	.092	1.83	1.4217	.020	1
S5	10.000	9.6394	-.361	-3.61	2.6762	.018	1



Mo 202.030 {467}

Date of Fit: 6/12/2018 12:29:38

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000327

Re-Slope: 1.000000

A1 (Gain): 0.878926

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999940

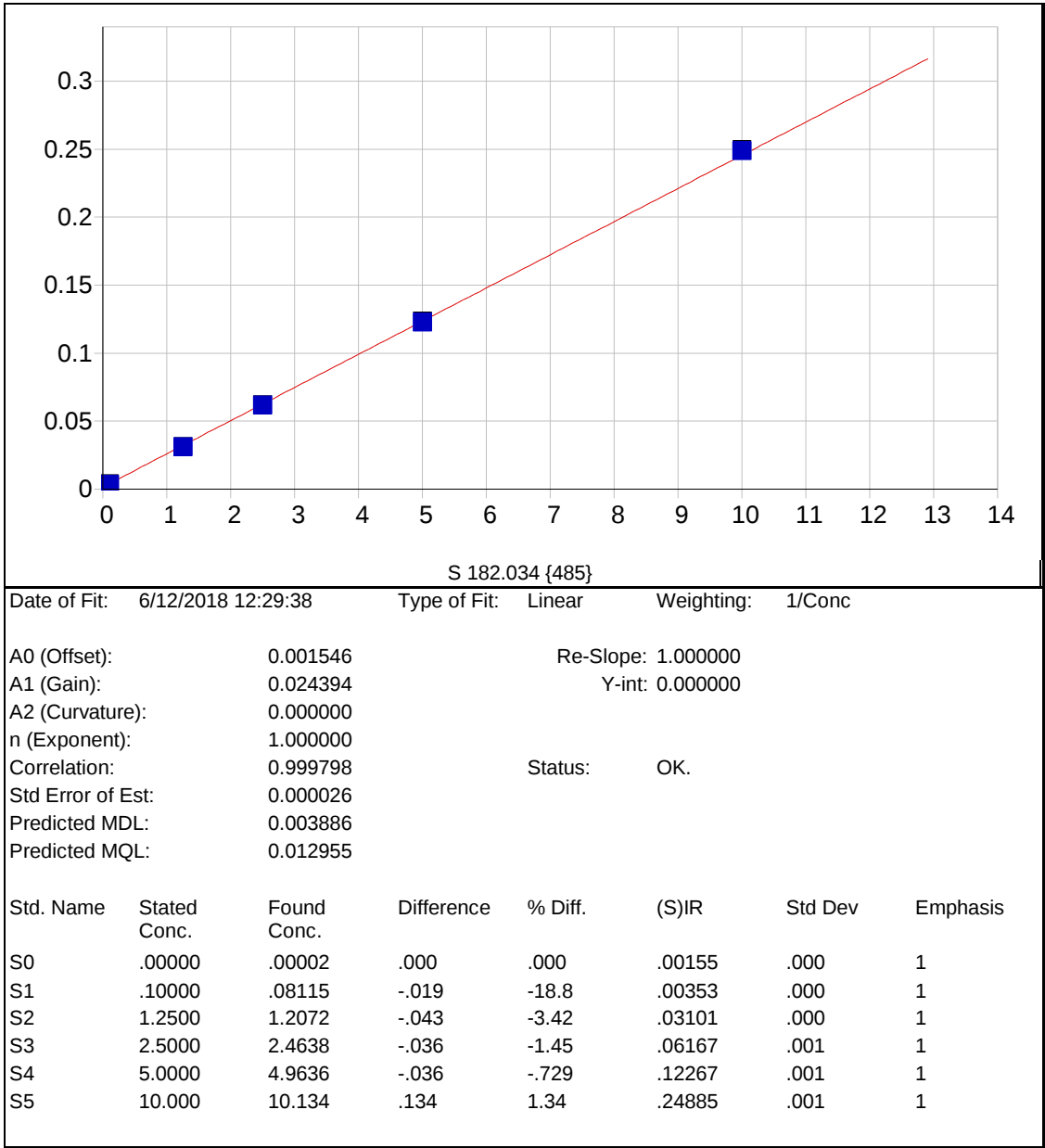
Status: OK.

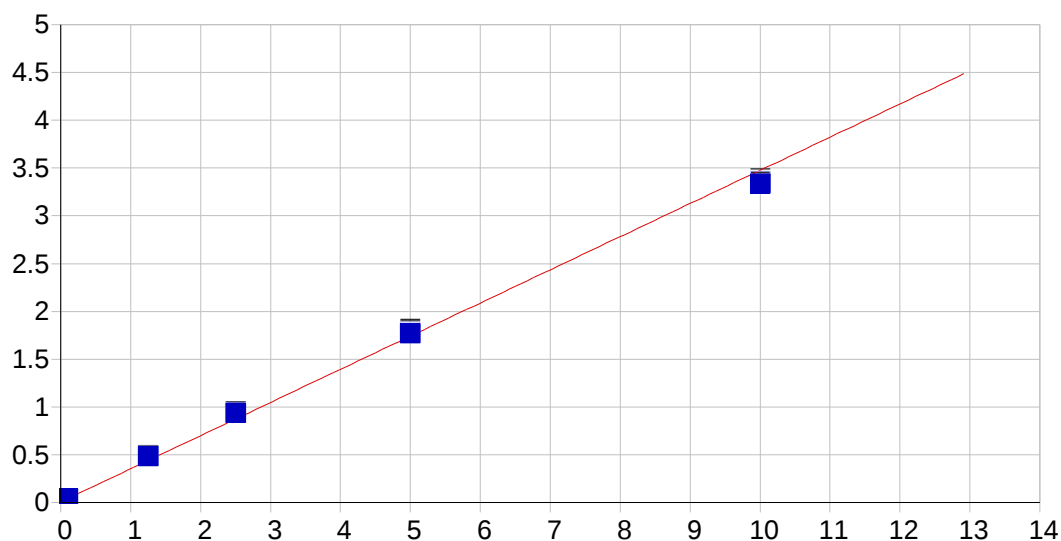
Std Error of Est: 0.000161

Predicted MDL: 0.000258

Predicted MQL: 0.000858

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00033	.000	1
S1	.01000	.01024	.000	2.44	.00933	.000	1
S2	1.2500	1.2881	.038	3.05	1.1324	.004	1
S3	2.5000	2.5371	.037	1.48	2.2301	.011	1
S4	5.0000	4.9525	-.047	-.950	4.3530	.004	1
S5	10.000	9.9721	-.028	-.279	8.7647	.027	1



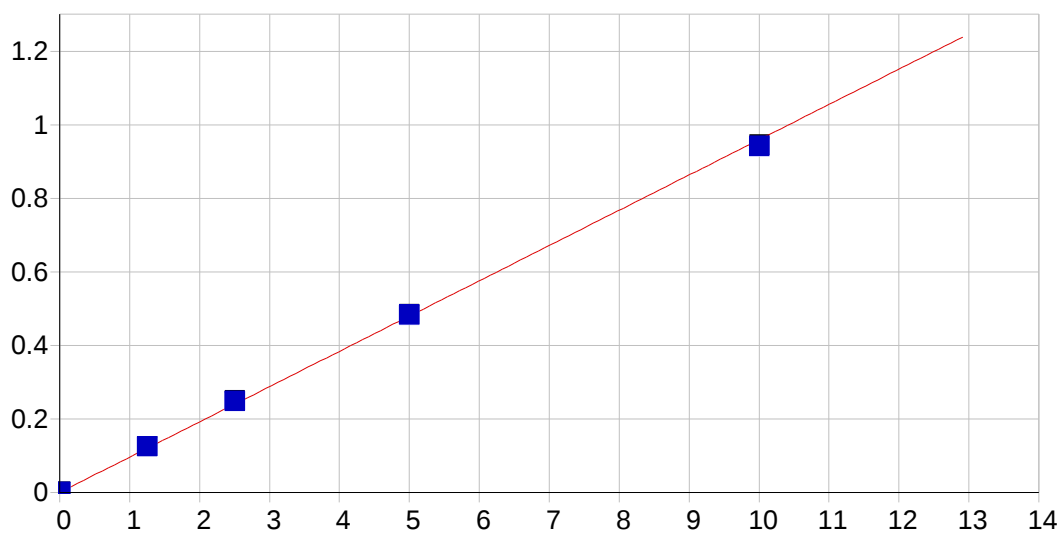


Si 251.611 {134}

Date of Fit: 6/12/2018 12:29:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005577 Re-Slope: 1.000000
 A1 (Gain): 0.347035 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998826 Status: OK.
 Std Error of Est: 0.000902
 Predicted MDL: 0.001147
 Predicted MQL: 0.003822

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00557	.000	1
S1	.10000	.09851	-.001	-1.49	.03988	.001	1
S2	1.2500	1.3816	.132	10.5	.48861	.004	1
S3	2.5000	2.6873	.187	7.49	.94526	.008	1
S4	5.0000	5.0805	.080	1.61	1.7829	.030	1
S5	10.000	9.6021	-.398	-3.98	3.3663	.021	1

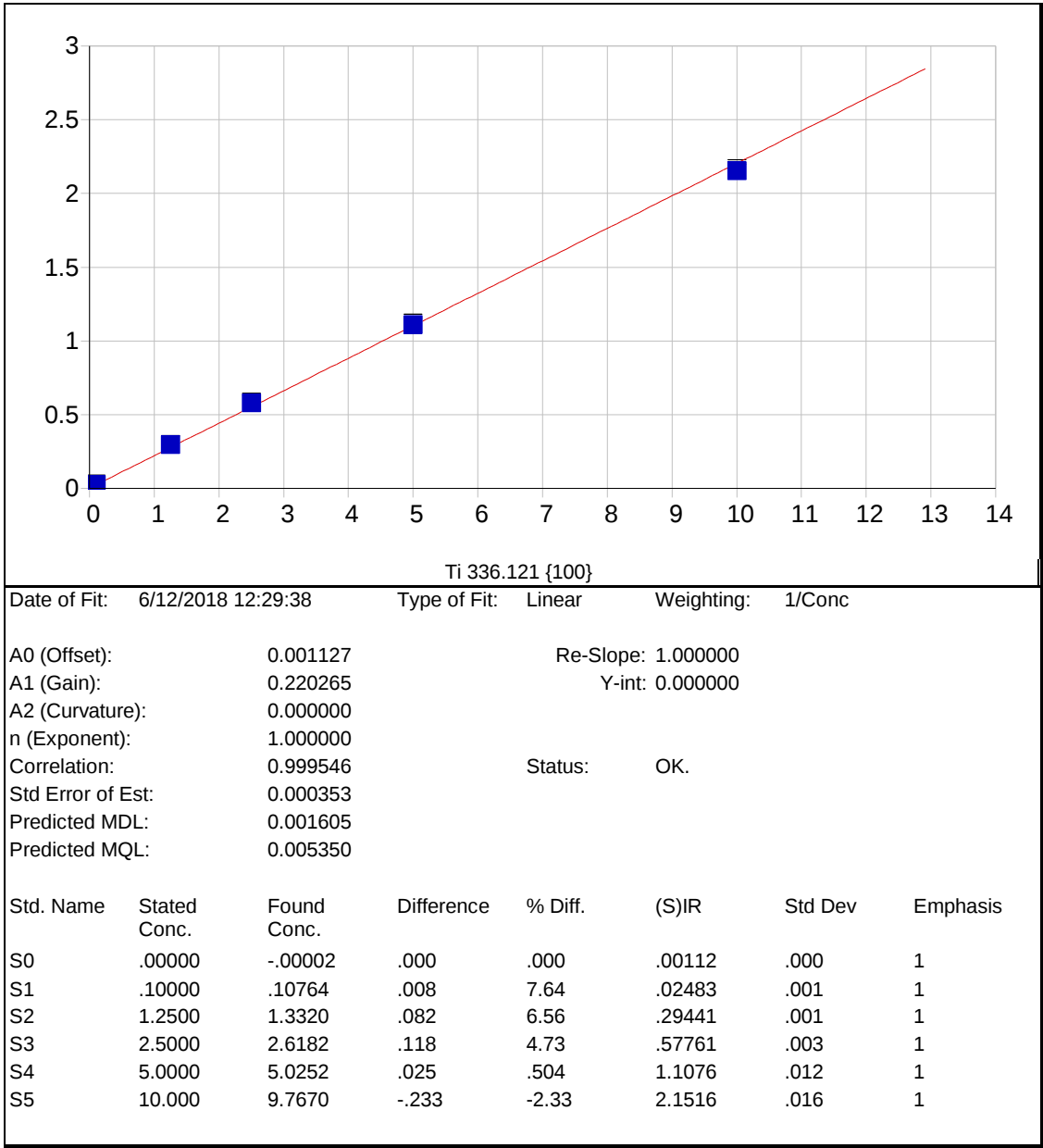


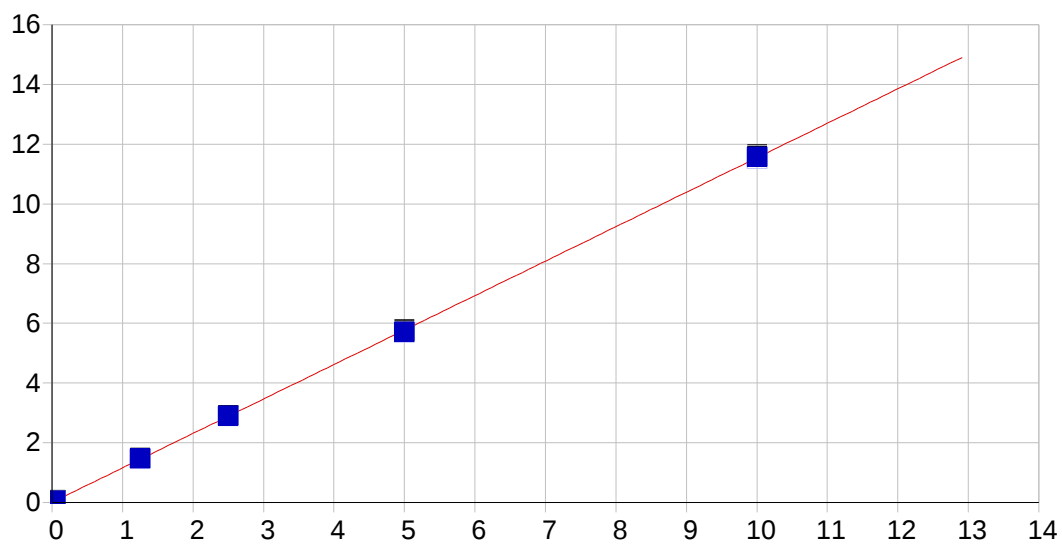
Sn 189.989 {478}

Date of Fit: 6/12/2018 12:29:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000116 Re-Slope: 1.000000
 A1 (Gain): 0.095934 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999770 Status: OK.
 Std Error of Est: 0.000029
 Predicted MDL: 0.001000
 Predicted MQL: 0.003333

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00012	.000	1
S1	.00700	.00726	.000	3.73	.00079	.000	1
S2	1.2500	1.3007	.051	4.05	.12463	.001	1
S3	2.5000	2.5898	.090	3.59	.24803	.002	1
S4	5.0000	5.0344	.034	.689	.48203	.001	1
S5	10.000	9.8249	-.175	-1.75	.94053	.004	1





Li 670.784 { 50}

Date of Fit: 6/12/2018 12:29:38

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.005390

Re-Slope: 1.000000

A1 (Gain): 1.153857

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999964

Status: OK.

Std Error of Est: 0.000364

Predicted MDL: 0.001300

Predicted MQL: 0.004333

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00539	.001	1
S5	10.000	10.020	.020	.204	11.503	.082	1
S4	5.0000	4.9406	-.059	-1.19	5.6737	.074	1
S3	2.5000	2.5139	.014	.555	2.8898	.003	1
S2	1.2500	1.2751	.025	2.01	1.4686	.004	1
S1	.05000	.04997	.000	-.069	.06293	.004	1



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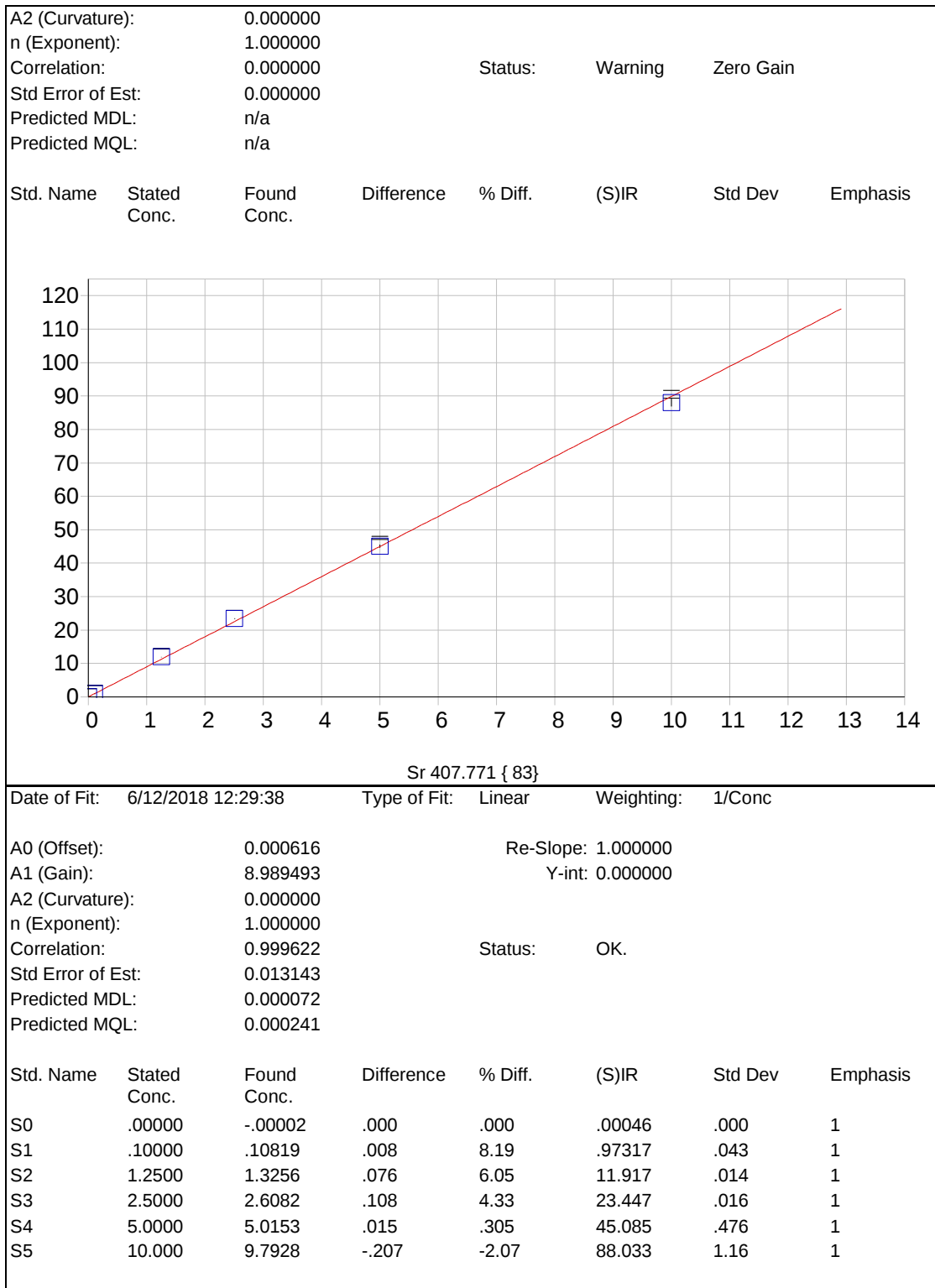


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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



Sample Name: S0 Acquired: 6/12/2018 12:05:37 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) 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	-.00024	-.00038	-.00035	.00027	.00035	.00094	-.01279	-.00174
Stddev	.00006	.00004	.00017	.00003	.00009	.00057	.00128	.00028
%RSD	26.538	11.066	50.240	10.583	25.270	60.674	10.022	15.896

#1	-.00029	-.00036	-.00018	.00029	.00045	.00083	-.01133	-.00143
#2	-.00026	-.00043	-.00033	.00029	.00031	.00043	-.01372	-.00182
#3	-.00017	-.00035	-.00053	.00024	.00029	.00155	-.01333	-.00197

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	.00066	.00104	.00005	-.00025	.00021	.00024	-.00001	-.00019
Stddev	.00005	.00045	.00003	.00024	.00036	.00009	.00006	.00012
%RSD	6.8905	43.906	62.753	95.910	173.75	37.050	534.87	64.554

#1	.00061	.00112	.00004	.00002	.00061	.00015	-.00008	-.00006
#2	.00067	.00144	.00009	-.00032	.00009	.00024	.00004	-.00020
#3	.00069	.00055	.00003	-.00044	-.00008	.00033	.00000	-.00031

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00132	-.00074	.00203	-.00013	-.00047	.02930	-.00069	.00287
Stddev	.00010	.00005	.00065	.00007	.00007	.00157	.00004	.00022
%RSD	7.4479	6.2987	31.981	52.698	14.925	5.3547	5.5360	7.7461

#1	-.00143	-.00074	.00128	-.00020	-.00050	.02751	-.00066	.00275
#2	-.00124	-.00079	.00245	-.00006	-.00039	.03039	-.00073	.00274
#3	-.00130	-.00069	.00236	-.00012	-.00053	.03001	-.00067	.00313

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	.00033	.00155	.00557	.00012	.00112	.00539	.00046	
Stddev	.00021	.00008	.00021	.00007	.00026	.00077	.00016	
%RSD	64.367	5.1761	3.7789	63.120	23.496	14.265	33.571	

#1	.00048	.00158	.00537	.00004	.00118	.00457	.00046	
#2	.00009	.00146	.00579	.00018	.00084	.00610	.00062	
#3	.00041	.00161	.00557	.00013	.00136	.00549	.00031	

Sample Name: S0 Acquired: 6/12/2018 12:05:37 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) 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	2174.2	2393.4	57549.	7052.9	3889.0
Stddev	15.2	11.3	108.	71.8	22.3
%RSD	.69705	.47096	.18841	1.0185	.57434
#1	2184.0	2388.9	57562.	7133.2	3880.4
#2	2156.8	2406.3	57435.	6994.8	3914.4
#3	2181.9	2385.1	57650.	7030.8	3872.2

Sample Name: S1 Acquired: 6/12/2018 12:09:46 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) 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	.00011	.00113	.00139	.00264	.01108	.01630	.72809	.02380
Stddev	.00009	.00004	.00019	.00032	.00032	.00045	.03138	.00096
%RSD	86.599	3.1279	13.674	11.969	2.9217	2.7574	4.3102	4.0472

#1	.00007	.00117	.00161	.00241	.01135	.01658	.76417	.02490
#2	.00022	.00110	.00124	.00251	.01072	.01653	.71304	.02311
#3	.00004	.00113	.00134	.00300	.01116	.01578	.70708	.02339

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	.01321	.18421	.00150	.02994	.00375	.00128	.00289	.02215
Stddev	.00023	.00834	.00002	.00003	.00032	.00020	.00006	.00073
%RSD	1.7763	4.5289	1.3351	.08503	8.6563	15.640	2.0120	3.3114

#1	.01335	.19382	.00151	.02994	.00412	.00151	.00293	.02295
#2	.01294	.18000	.00150	.02991	.00355	.00117	.00292	.02150
#3	.01333	.17881	.00147	.02997	.00357	.00116	.00282	.02201

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	.02249	.00116	.03729	.00300	.00175	.15593	-.00040	.00496
Stddev	.00011	.00004	.00125	.00023	.00010	.00651	.00006	.00022
%RSD	.49220	3.3050	3.3607	7.7859	5.9136	4.1742	15.030	4.5329

#1	.02262	.00120	.03865	.00303	.00165	.16338	-.00044	.00496
#2	.02242	.00112	.03619	.00322	.00186	.15308	-.00033	.00518
#3	.02243	.00116	.03702	.00275	.00175	.15134	-.00044	.00473

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	.00933	.00353	.03988	.00079	.02483	.06293	.97317	
Stddev	.00023	.00003	.00088	.00003	.00131	.00359	.04285	
%RSD	2.5004	.88798	2.2115	4.3546	5.2667	5.6981	4.4030	

#1	.00959	.00349	.04084	.00083	.02633	.06698	1.0224	
#2	.00925	.00355	.03970	.00076	.02422	.06162	.95280	
#3	.00914	.00354	.03911	.00077	.02394	.06018	.94431	

Sample Name: S1 Acquired: 6/12/2018 12:09:46 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) 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	2187.5	2381.4	57775.	6913.8	3883.6
Stddev	7.9	2.6	55.	223.2	4.6
%RSD	.35985	.10771	.09569	3.2282	.11914
#1	2179.1	2382.2	57728.	6656.5	3885.5
#2	2188.8	2383.5	57760.	7031.1	3886.9
#3	2194.7	2378.6	57836.	7053.9	3878.3

Sample Name: S2 Acquired: 6/12/2018 12:13:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) 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	.04102	.07596	.95407	.08193	.22712	2.8189	9.0031	.63849
Stddev	.00030	.00110	.00421	.00027	.00114	.0042	.0272	.00346
%RSD	.74218	1.4441	.44141	.33454	.50026	.14987	.30217	.54173

#1	.04076	.07475	.95043	.08164	.22625	2.8238	9.0015	.64146
#2	.04094	.07689	.95309	.08218	.22671	2.8167	8.9766	.63931
#3	.04135	.07623	.95868	.08198	.22841	2.8162	9.0310	.63469

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	1.5912	2.1672	.56076	.39068	.47125	.42798	.64822	.27817
Stddev	.0051	.0049	.00206	.00158	.00135	.00142	.00233	.00167
%RSD	.31862	.22453	.36695	.40550	.28558	.33106	.35930	.59959

#1	1.5879	2.1620	.56285	.38981	.47195	.42927	.64672	.27992
#2	1.5887	2.1678	.56069	.38973	.46970	.42647	.64704	.27798
#3	1.5971	2.1716	.55873	.39251	.47210	.42821	.65090	.27660

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	.37465	.06116	.24954	.03601	.13421	.97735	.23074	.38407
Stddev	.00152	.00026	.00067	.00029	.00058	.00092	.00275	.00247
%RSD	.40510	.42686	.26697	.79405	.42999	.09395	1.1899	.64408

#1	.37332	.06095	.24883	.03569	.13487	.97679	.22759	.38670
#2	.37431	.06145	.25016	.03613	.13398	.97841	.23202	.38372
#3	.37630	.06109	.24963	.03622	.13379	.97685	.23262	.38179

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	1.1324	.03101	.48861	.12463	.29441	1.4686	11.917	
Stddev	.0035	.00012	.00397	.00072	.00149	.0040	.014	
%RSD	.31168	.37408	.81350	.57636	.50613	.27549	.11417	

#1	1.1310	.03092	.49310	.12385	.29600	1.4667	11.907	
#2	1.1298	.03114	.48719	.12477	.29306	1.4659	11.911	
#3	1.1364	.03096	.48555	.12527	.29416	1.4732	11.933	

Sample Name: S2 Acquired: 6/12/2018 12:13:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) 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	2113.0	2251.4	56617.	7082.1	3510.6
Stddev	4.9	5.6	176.	29.3	6.8
%RSD	.23056	.24901	.31152	.41327	.19318
#1	2118.6	2251.7	56569.	7064.1	3515.9
#2	2109.7	2256.9	56469.	7066.4	3513.1
#3	2110.8	2245.7	56812.	7115.9	3503.0

Sample Name: S3 Acquired: 6/12/2018 12:17:48 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) 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	.08235	.14812	1.8757	.16216	.45343	5.5635	17.872	1.2425
Stddev	.00069	.00129	.0104	.00075	.00286	.0295	.033	.0057
%RSD	.84031	.86774	.55244	.46085	.63015	.53035	.18265	.45740

#1	.08158	.14710	1.8676	.16166	.45281	5.5521	17.909	1.2490
#2	.08256	.14770	1.8721	.16180	.45094	5.5970	17.862	1.2387
#3	.08291	.14957	1.8873	.16302	.45655	5.5414	17.847	1.2396

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	3.1040	4.2009	1.0774	.77141	.92806	.83039	1.2536	.55056
Stddev	.0148	.0102	.0020	.00451	.00274	.01057	.0041	.00629
%RSD	.47553	.24348	.18156	.58497	.29541	1.2731	.32367	1.1424

#1	3.0890	4.2116	1.0768	.76811	.92676	.82450	1.2553	.54680
#2	3.1046	4.2000	1.0758	.76957	.93121	.84260	1.2489	.55782
#3	3.1185	4.1912	1.0796	.77655	.92620	.82408	1.2565	.54706

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	.73721	.11920	.48430	.07100	.26546	1.9323	.48038	.74722
Stddev	.00391	.00020	.00435	.00081	.00359	.0029	.00403	.00236
%RSD	.53099	.16798	.89755	1.1420	1.3528	.14916	.83804	.31541

#1	.73368	.11933	.48270	.07020	.26486	1.9303	.47669	.74982
#2	.73653	.11931	.48921	.07182	.26931	1.9356	.47978	.74523
#3	.74142	.11897	.48097	.07099	.26220	1.9310	.48468	.74661

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	2.2301	.06167	.94526	.24803	.57761	2.8898	23.447	
Stddev	.0112	.00060	.00758	.00180	.00292	.0031	.016	
%RSD	.50203	.96643	.80174	.72728	.50609	.10600	.06920	

#1	2.2233	.06101	.95325	.24684	.57684	2.8886	23.454	
#2	2.2240	.06216	.93817	.24715	.58084	2.8933	23.458	
#3	2.2430	.06184	.94437	.25011	.57515	2.8875	23.428	

Sample Name: S3 Acquired: 6/12/2018 12:17:48 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) 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	2061.8	2162.2	55743.	7081.3	3327.9
Stddev	6.1	9.6	194.	28.9	10.9
%RSD	.29417	.44221	.34824	.40780	.32853
#1	2065.2	2162.1	55925.	7058.7	3333.5
#2	2054.8	2171.8	55539.	7071.3	3335.0
#3	2065.3	2152.7	55767.	7113.8	3315.4

Sample Name: S4 Acquired: 6/12/2018 12:21:41 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) 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	.16414	.28118	3.6602	.31667	.90614	11.008	34.556	2.3826
Stddev	.00063	.00073	.0075	.00069	.00206	.139	.451	.0444
%RSD	.38415	.25940	.20508	.21755	.22737	1.2594	1.3060	1.8647

#1	.16380	.28095	3.6543	.31608	.90380	10.850	34.035	2.3350
#2	.16375	.28058	3.6575	.31650	.90768	11.061	34.823	2.3901
#3	.16487	.28199	3.6686	.31742	.90694	11.112	34.811	2.4229

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.9921	8.0647	2.0401	1.4988	1.7890	1.5875	2.3790	1.0816
Stddev	.0123	.0921	.0036	.0039	.0260	.0134	.0323	.0120
%RSD	.20526	1.1419	.17449	.25891	1.4543	.84092	1.3590	1.1082

#1	5.9877	7.9589	2.0369	1.4960	1.7590	1.5736	2.3419	1.0728
#2	5.9825	8.1083	2.0393	1.4971	1.8030	1.5885	2.3946	1.0768
#3	6.0059	8.1269	2.0439	1.5032	1.8050	1.6003	2.4007	1.0952

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	1.4217	.23023	.94942	.13653	.52969	3.7901	1.1134	1.4217
Stddev	.0029	.00046	.01341	.00142	.00703	.0535	.0010	.0204
%RSD	.20717	.19947	1.4126	1.0364	1.3281	1.4106	.09245	1.4351

#1	1.4211	.22988	.93459	.13516	.53773	3.7293	1.1124	1.3993
#2	1.4191	.23075	.95298	.13646	.52666	3.8109	1.1134	1.4265
#3	1.4249	.23007	.96070	.13798	.52467	3.8300	1.1145	1.4392

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	4.3530	.12267	1.7829	.48203	1.1076	5.6737	45.085	
Stddev	.0045	.00075	.0301	.00128	.0117	.0745	.476	
%RSD	.10310	.60898	1.6860	.26486	1.0541	1.3125	1.0563	

#1	4.3506	.12302	1.7489	.48148	1.0949	5.5887	44.585	
#2	4.3503	.12181	1.7941	.48111	1.1101	5.7051	45.533	
#3	4.3582	.12318	1.8058	.48349	1.1178	5.7274	45.137	

Sample Name: S4 Acquired: 6/12/2018 12:21:41 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) 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	1956.0	2041.9	54251.	6980.2	3123.6
Stddev	20.4	4.0	259.	80.1	6.3
%RSD	1.0438	.19712	.47682	1.1481	.20130
#1	1934.4	2043.6	53993.	7069.1	3124.2
#2	1958.7	2044.8	54250.	6958.3	3129.5
#3	1974.9	2037.3	54511.	6913.4	3117.0

Sample Name: S5 Acquired: 6/12/2018 12:25:38 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) 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	.33875	.53261	7.1812	.64084	1.8733	22.150	68.229	4.6271
Stddev	.00194	.00258	.0140	.00213	.0070	.175	1.006	.0313
%RSD	.57404	.48483	.19437	.33197	.37155	.78799	1.4740	.67607

#1	.33843	.53507	7.1918	.64268	1.8695	21.953	67.238	4.5968
#2	.33699	.52992	7.1654	.63851	1.8692	22.213	69.249	4.6251
#3	.34084	.53285	7.1863	.64132	1.8814	22.285	68.201	4.6593

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	11.643	15.834	3.8938	2.9279	3.5069	3.0500	4.5900	2.1583
Stddev	.036	.097	.0067	.0076	.0247	.0274	.0223	.0200
%RSD	.31170	.60981	.17197	.25903	.70350	.89812	.48559	.92892

#1	11.681	15.736	3.8905	2.9340	3.4800	3.0185	4.5645	2.1352
#2	11.608	15.838	3.8893	2.9194	3.5123	3.0680	4.5996	2.1710
#3	11.641	15.929	3.9015	2.9303	3.5284	3.0635	4.6059	2.1687

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.7534	.45686	1.8811	.26522	1.1101	7.5891	2.6013	2.6762
Stddev	.0042	.00274	.0140	.00312	.0087	.0669	.0074	.0177
%RSD	.15251	.59962	.74317	1.1748	.78019	.88187	.28304	.66305

#1	2.7561	.45535	1.8657	.26165	1.1006	7.5169	2.6083	2.6606
#2	2.7485	.45520	1.8848	.26657	1.1176	7.6015	2.5936	2.6724
#3	2.7555	.46002	1.8929	.26743	1.1121	7.6490	2.6020	2.6955

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	8.7647	.24885	3.3663	.94053	2.1516	11.503	88.033	
Stddev	.0268	.00071	.0214	.00361	.0155	.082	1.157	
%RSD	.30545	.28590	.63446	.38360	.72133	.71118	1.3139	

#1	8.7711	.24964	3.3482	.94410	2.1337	11.415	86.717	
#2	8.7353	.24827	3.3609	.93688	2.1609	11.516	88.492	
#3	8.7877	.24862	3.3898	.94060	2.1603	11.577	88.889	

Sample Name: S5 Acquired: 6/12/2018 12:25:38 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) 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	1793.9	1857.9	51864.	6866.9	2873.4
Stddev	12.3	4.0	168.	62.1	7.2
%RSD	.68545	.21478	.32304	.90419	.25004
#1	1806.2	1855.4	52056.	6935.7	2865.6
#2	1793.9	1862.5	51751.	6850.2	2879.8
#3	1781.6	1855.7	51784.	6814.9	2874.7

Sample Name: S6 Acquired: 6/12/2018 12:29:43 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) 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	61.416	27.363	8.4975	3.6897	5.4801
Stddev	.450	.045	.0172	.0080	.0085
%RSD	.73345	.16577	.20257	.21830	.15582

#1	61.792	27.399	8.4952	3.6890	5.4785
#2	60.916	27.378	8.5157	3.6980	5.4893
#3	61.539	27.312	8.4815	3.6820	5.4725

Int. Std.	Y_3710
Units	Cts/S
Avg	6634.1
Stddev	12.5
%RSD	.18832

#1	6626.6
#2	6648.5
#3	6627.2

Sample Name: ICV Acquired: 6/12/2018 12:34:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) 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	.9479875	1.105649	.9653146	.9760846	.9393210	2.334618
Stddev	.0044484	.003185	.0022370	.0064165	.0025944	.030306
%RSD	.4692416	.2881016	.2317374	.6573678	.2762038	1.298105

#1	.9432792	1.109140	.9629965	.9772056	.9398095	2.308883
#2	.9521198	1.102900	.9674605	.9818667	.9416365	2.368022
#3	.9485635	1.104907	.9654868	.9691815	.9365171	2.326950

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5063354	.5057680	.4942626	10.20481	.5241561	.4929273
Stddev	.0009453	.0015669	.0004143	.01887	.0123864	.0009020
%RSD	.1866881	.3097962	.0838181	.1849024	2.363107	.1829840

#1	.5060446	.5074686	.4945714	10.19015	.5306297	.4920073
#2	.5073919	.5043830	.4944246	10.22610	.5098743	.4938101
#3	.5055698	.5054524	.4937918	10.19817	.5319642	.4929644

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5266103	5.331020	.5314561	5.739008	.5063777	.4779496
Stddev	.0019647	.017282	.0008823	.104427	.0003708	.0099135
%RSD	.3730877	.3241757	.1660165	1.819604	.0732267	2.074174

#1	.5276410	5.312002	.5316373	5.670186	.5060860	.4832969
#2	.5278451	5.335293	.5304972	5.859167	.5067950	.4665106
#3	.5243447	5.345764	.5322336	5.687672	.5062521	.4840414

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.445459	.5277004	.9537852	9.573588	F .0133812	F .0045667
Stddev	.067428	.0080473	.0247601	.077923	.0001230	.0008113
%RSD	.7138682	1.524969	2.595982	.8139387	.9188398	17.76457

#1	9.424400	.5224848	.9537845	9.623458	.0135228	.0036844
#2	9.520904	.5369683	.9290254	9.613513	.0133021	.0052804
#3	9.391074	.5236482	.9785456	9.483794	.0133186	.0047355

Sample Name: ICV Acquired: 6/12/2018 12:34:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) 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 .0000066	-.001566	.0008975	F -.000294	.0007480	.0036993
Stddev	.0001586	.002119	.0016590	.000745	.0010529	.0009762
%RSD	2394.646	135.3627	184.8372	253.4689	140.7677	26.38976

#1	-.000169	-.004008	.0001130	.000307	.0017366	.0044960
#2	.000050	-.000209	.0028033	-.000061	.0008664	.0026103
#3	.000139	-.000480	-.000224	-.001127	-.000359	.0039916

Elem	Sr4077
Units	ppm
Avg	.0117943
Stddev	.0000537
%RSD	.4550793

#1	.0117931
#2	.0118485
#3	.0117412

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2232.239	2332.670	59500.87	7240.825	3829.912
Stddev	54.864	4.042	1160.94	26.607	10.631
%RSD	2.457803	.1732681	1.951136	.3674574	.2775820

#1	2206.193	2331.928	58817.77	7214.853	3821.052
#2	2295.275	2329.051	60841.33	7239.599	3826.982
#3	2195.250	2337.032	58843.50	7268.024	3841.700

Sample Name: ICB Acquired: 6/12/2018 12:38:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) 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	-.000089	.0010810	.0017282	-.000504	.0003016	-.003428	-.001688
Stddev	.000978	.0017797	.0024723	.001779	.0003645	.002551	.000472
%RSD	1094.103	164.6321	143.0575	352.9663	120.8718	74.40666	27.98879

#1	.000853	.0019014	.0015120	-.002262	.0003791	-.005601	-.001278
#2	-.000022	.0023026	.0043015	.001296	.0006212	-.000620	-.001582
#3	-.001100	-.000961	-.000629	-.000547	-.000095	-.004064	-.002204

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000314	-.000033	.0098187	-.000149	.0002032	.0011920	-.016872
Stddev	.0000783	.000027	.0027977	.000300	.0002659	.0012879	.006740
%RSD	249.7482	83.44776	28.49359	201.1167	130.8439	108.0486	39.95102

#1	.0000988	-.000046	.0066199	.000037	-.000042	.0025625	-.012889
#2	-.000055	-.000001	.0110270	-.000496	.000486	.0000069	-.024654
#3	.000050	-.000051	.0118092	.000010	.000166	.0010064	-.013073

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001726	.0118485	-.000060	.0005754	-.153163	-.001897	.0048534
Stddev	.0002358	.0153894	.000074	.0006913	.162732	.001937	.0055637
%RSD	136.6084	129.8855	122.6041	120.1559	106.2474	102.1200	114.6367

#1	.0002448	.0180819	.000011	.0011937	-.254653	-.000422	.0086723
#2	.0003639	-.005680	-.000136	.0007035	-.239373	-.001178	-.001530
#3	-.000091	.023143	-.000055	-.000171	.034536	-.004090	.007418

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.034549	-.000586	-.001430	-.000164	-.007497	-.004299	-.000345
Stddev	.028869	.000253	.001800	.000253	.000816	.001543	.000716
%RSD	83.56096	43.13990	125.8845	154.6958	10.88952	35.89361	207.3667

#1	-.003721	-.000584	-.003200	-.000118	-.008209	-.004179	-.000687
#2	-.038977	-.000334	.000400	-.000436	-.007677	-.005899	.000477
#3	-.060949	-.000839	-.001491	.000064	-.006606	-.002820	-.000825

Sample Name: ICB Acquired: 6/12/2018 12:38:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) 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	.0006112	.0009515	-.000114
Stddev	.0009151	.0010477	.000035
%RSD	149.7126	110.1129	30.89741

#1	.0010768	-.000103	-.000153
#2	.0011999	.001992	-.000103
#3	-.000443	.000966	-.000085

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2232.090	2351.553	59536.63	7215.407	3905.852
Stddev	28.298	10.688	620.02	29.463	17.026
%RSD	1.267778	.4544899	1.041409	.4083320	.4359140

#1	2200.254	2342.491	58924.77	7212.180	3896.115
#2	2254.383	2363.339	60164.50	7187.690	3925.512
#3	2241.632	2348.828	59520.62	7246.350	3895.928

Sample Name: ICSA Acquired: 6/12/2018 12:42:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) 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	-.001666	.0021892	-.005519	-.016021	.0042842	241.5784
Stddev	.004765	.0047957	.000592	.002350	.0017478	.8440
%RSD	285.9592	219.0579	10.72520	14.66945	40.79689	.3493738

#1	-.002880	-.002288	-.006142	-.015297	.0055843	241.1965
#2	-.005707	.007250	-.004965	-.018648	.0022973	242.5459
#3	.003588	.001607	-.005449	-.014118	.0049711	240.9929

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030363	.0009757	.0001681	246.4732	.0488493	-.000514
Stddev	.0004571	.0000869	.0001250	.9569	.0002614	.000334
%RSD	15.05342	8.908052	74.35127	.3882295	.5351841	64.91097

#1	.0028998	.0008918	.0002680	247.3724	.0491474	-.000296
#2	.0026630	.0009700	.0000279	246.5798	.0486591	-.000898
#3	.0035461	.0010653	.0002084	245.4675	.0487414	-.000348

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002991	103.5572	.0121335	256.9552	-.000508	-.002221
Stddev	.000924	1.2302	.0012506	3.4582	.000246	.000073
%RSD	30.90955	1.187943	10.30670	1.345827	48.43342	3.306433

#1	-.003560	102.5780	.0117214	254.2206	-.000372	-.002255
#2	-.001924	104.9380	.0135380	260.8425	-.000360	-.002270
#3	-.003488	103.1556	.0111409	255.8026	-.000792	-.002136

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.244317	-.002198	.0016251	-.190979	-.006717	F .0327132
Stddev	.101420	.001931	.0031202	.067484	.000466	.0020260
%RSD	4.518959	87.83251	192.0080	35.33604	6.937926	6.193147

#1	2.322691	-.000069	.0017564	-.195539	-.006627	.0303907
#2	2.129770	-.002691	.0046775	-.256067	-.006303	.0341179
#3	2.280489	-.003835	-.001559	-.121330	-.007222	.0336309

Sample Name: ICSA Acquired: 6/12/2018 12:42:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) 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	.0008625	.1766028	-.006139	-.004792	-.002166	.0044946
Stddev	.0004083	.0059737	.001514	.000668	.000958	.0009268
%RSD	47.34467	3.382579	24.66372	13.93201	44.22737	20.62051

#1	.0010655	.1820638	-.005992	-.005433	-.002994	.0039442
#2	.0003924	.1702228	-.007722	-.004100	-.001117	.0055646
#3	.0011296	.1775219	-.004704	-.004844	-.002387	.0039750

Elem	Sr4077
Units	ppm
Avg	.1048174
Stddev	.0004668
%RSD	.4453959

#1	.1050923
#2	.1050816
#3	.1042784

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2049.382	2137.442	55016.82	6990.603	3253.659
Stddev	12.111	4.465	45.86	43.281	6.650
%RSD	.5909397	.2089015	.0833631	.6191382	.2043904

#1	2061.452	2136.654	55068.07	6973.872	3250.736
#2	2037.231	2142.249	55002.77	6958.184	3261.270
#3	2049.462	2133.423	54979.63	7039.752	3248.971

Sample Name: ICSAB Acquired: 6/12/2018 12:46:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) 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	.0985008	.1091491	.0431165	.0306600	.5871274	241.7523
Stddev	.0032233	.0023654	.0005660	.0086463	.0025293	.7703
%RSD	3.272333	2.167155	1.312701	28.20059	.4307969	.3186375

#1	.1021756	.1064672	.0426262	.0211054	.5843685	242.6154
#2	.0971748	.1100420	.0437359	.0329289	.5876766	241.5067
#3	.0961520	.1109382	.0429873	.0379455	.5893369	241.1346

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5155048	.5271685	.9911340	244.6823	.5718758	.5025502
Stddev	.0018855	.0021471	.0042927	.4139	.0017619	.0034877
%RSD	.3657630	.4072974	.4331060	.1691604	.3080848	.6940003

#1	.5176660	.5284141	.9864907	244.5700	.5738957	.4986386
#2	.5146523	.5284023	.9919533	244.3361	.5710760	.5036759
#3	.5141961	.5246893	.9949579	245.1408	.5706557	.5053360

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5308658	104.4222	.5310263	259.0234	1.008662	.1911951
Stddev	.0021434	.9200	.0018358	2.0181	.007128	.0001069
%RSD	.4037605	.8810688	.3457039	.7791080	.7066739	.0558966

#1	.5294639	105.2648	.5291429	261.0494	1.000544	.1910871
#2	.5333331	104.5613	.5328104	259.0075	1.011546	.1911974
#3	.5298002	103.4406	.5311257	257.0133	1.013895	.1913008

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1600973	.5384077	.9878203	-.358734	.0064332	F .0330849
Stddev	.0986897	.0026599	.0044301	.046894	.0001480	.0010242
%RSD	61.64361	.4940320	.4484777	13.07199	2.300226	3.095780

#1	.2243767	.5406612	.9828472	-.371912	.0064484	.0342079
#2	.0464666	.5390884	.9892686	-.397629	.0062782	.0328444
#3	.2094486	.5354737	.9913450	-.306661	.0065730	.0322023

Sample Name: ICSAB Acquired: 6/12/2018 12:46:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) 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	.0018557	.0152262	-.007294	-.004388	-.001106	.0056363
Stddev	.0003038	.0056089	.000283	.002058	.001171	.0007797
%RSD	16.36895	36.83705	3.877841	46.88618	105.8274	13.83382

#1	.0020443	.0129368	-.007366	-.005433	-.001884	.0052864
#2	.0020176	.0111241	-.007534	-.005714	.000240	.0065297
#3	.0015053	.0216176	-.006982	-.002018	-.001675	.0050929

Elem	Sr4077
Units	ppm
Avg	.1023469
Stddev	.0002313
%RSD	.2259795

#1	.1024083
#2	.1020911
#3	.1025412

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2062.483	2133.489	55253.13	6977.261	3265.287
Stddev	2.935	10.051	71.61	14.494	15.387
%RSD	.1423246	.4711124	.1295960	.2077353	.4712410

#1	2065.644	2144.801	55181.09	6973.995	3282.548
#2	2061.963	2125.584	55324.29	6964.679	3253.006
#3	2059.842	2130.084	55254.02	6993.110	3260.309

Sample Name: CCV016 Acquired: 6/12/2018 12:50:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV016 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.728347	4.690078	23.62605	4.631155	4.758425	389.6082
Stddev	.014232	.026998	.07428	.017146	.012608	.4727
%RSD	.3010019	.5756366	.3144164	.3702385	.2649693	.1213177

#1	4.724107	4.660812	23.56308	4.643579	4.758616	390.1476
#2	4.716717	4.714012	23.60709	4.611593	4.745722	389.2661
#3	4.744218	4.695409	23.70798	4.638294	4.770936	389.4110

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.602292	.4983907	2.349191	386.7443	14.61594	2.378479
Stddev	.019781	.0027593	.006177	.7015	.01260	.006418
%RSD	.2060072	.5536386	.2629450	.1813755	.0862033	.2698494

#1	9.604256	.5011309	2.342880	387.0624	14.60162	2.374184
#2	9.621019	.4956127	2.349470	387.2304	14.62530	2.375396
#3	9.581603	.4984285	2.355224	385.9402	14.62091	2.385857

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.70799	400.1573	14.27766	398.5544	2.376016	1.150263
Stddev	.01070	1.0456	.02683	1.3011	.008530	.003960
%RSD	.0727562	.2612902	.1879055	.3264638	.3589887	.3442555

#1	14.71497	401.0302	14.28832	399.6220	2.370079	1.150622
#2	14.71332	398.9985	14.29752	397.1051	2.372178	1.146136
#3	14.69567	400.4430	14.24714	398.9360	2.385790	1.154031

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	383.7561	2.454979	14.44239	149.0652	F 5.878583	4.981733
Stddev	.7739	.008430	.11219	.4417	.016995	.028557
%RSD	.2016553	.3433685	.7767775	.2963313	.2891074	.5732354

#1	384.6411	2.458980	14.40743	149.4187	5.859553	5.007501
#2	383.4202	2.445294	14.56789	148.5701	5.883946	4.951030
#3	383.2068	2.460662	14.35184	149.2069	5.892251	4.986668

Sample Name: CCV016 Acquired: 6/12/2018 12:50:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV016 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.680233	4.922742	4.918534	4.759652	4.877534	4.860853
Stddev	.015894	.007383	.015109	.007789	.004214	.011994
%RSD	.3396087	.1499672	.3071852	.1636383	.0863955	.2467368

#1	4.670446	4.914826	4.932840	4.750718	4.875109	4.853584
#2	4.671680	4.923960	4.902733	4.763227	4.882400	4.874696
#3	4.698572	4.929439	4.920028	4.765011	4.875093	4.854279

Elem	Sr4077
Units	ppm
Avg	4.866280
Stddev	.005668
%RSD	.1164852

#1	4.872129
#2	4.865900
#3	4.860812

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1898.755	1942.119	52638.86	6781.613	2922.027
Stddev	10.310	6.121	190.41	40.810	9.384
%RSD	.5429648	.3151497	.3617346	.6017788	.3211467

#1	1893.293	1944.648	52486.75	6745.193	2927.857
#2	1892.327	1946.570	52577.41	6825.720	2927.022
#3	1910.647	1935.140	52852.41	6773.927	2911.202

Sample Name: CCB016 Acquired: 6/12/2018 12:54:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB016 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001333	.0015001	.0021386	-.000617	.0006513	.0070287	-.002080
Stddev	.000666	.0031201	.0016764	.001005	.0011551	.0081044	.000480
%RSD	49.93887	207.9899	78.38716	162.8518	177.3371	115.3043	23.09474

#1	-.001299	.0008123	.0003416	-.001746	.0016763	-.001132	-.002575
#2	-.002015	-.001219	.0036603	-.000287	.0008780	.007142	-.002049
#3	-.000685	.004907	.0024140	.000181	-.000600	.015076	-.001616

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000235	-.000042	.0145623	-.000290	-.000035	-.000420	-.006384
Stddev	.0000826	.000050	.0050240	.000268	.000184	.001944	.005699
%RSD	351.0727	119.4626	34.50022	92.17256	520.0080	462.3991	89.27860

#1	-.000070	.000016	.0186264	.000001	-.000090	-.000307	-.011899
#2	.000054	-.000074	.0089451	-.000346	.000169	-.002418	-.000516
#3	.000086	-.000066	.0161154	-.000526	-.000186	.001465	-.006736

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000288	.0150792	-.000104	.0002104	-.303625	.0006356	.0083676
Stddev	.000443	.0339032	.000211	.0003162	.051169	.0043353	.0085321
%RSD	154.0304	224.8337	203.9843	150.2657	16.85265	682.0937	101.9659

#1	-.000045	.0213311	.000113	.0005743	-.245614	.0040908	.0156425
#2	-.000799	.0454213	-.000309	.0000540	-.322920	-.004229	.0104838
#3	-.000019	-.021515	-.000115	.0000029	-.342342	.002045	-.001023

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.086342	-.000779	-.000822	-.000163	-.009372	-.006504	-.000269
Stddev	.003750	.000312	.001097	.000222	.003974	.001206	.001124
%RSD	4.343275	40.04057	133.3635	136.0674	42.40776	18.53399	417.7281

#1	-.087624	-.000968	-.000077	-.000391	-.012969	-.005423	-.000175
#2	-.089283	-.000949	-.000308	-.000152	-.005105	-.006285	-.001438
#3	-.082119	-.000419	-.002082	.000053	-.010041	-.007804	.000805

Sample Name: CCB016 Acquired: 6/12/2018 12:54:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB016 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008711	-.000752	-.000060
Stddev	.0011546	.000684	.000048
%RSD	132.5513	90.91124	80.79334

#1	.0020622	-.001535	-.000060
#2	.0007942	-.000270	-.000012
#3	-.000243	-.000452	-.000108

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2219.249	2340.491	58937.33	7171.157	3889.548
Stddev	19.081	2.737	236.47	19.761	7.140
%RSD	.8598037	.1169610	.4012226	.2755654	.1835795

#1	2240.649	2340.772	59125.50	7156.680	3892.141
#2	2213.091	2343.078	58671.89	7163.120	3895.030
#3	2204.008	2337.624	59014.60	7193.670	3881.473

Sample Name: J3385-04 Acquired: 6/12/2018 12:58:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FQ3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1266179	.0057219	2.565067	-.020046	.0156976	96.60702	1.074029
Stddev	.0007386	.0056976	.021360	.002961	.0012886	.26901	.001087
%RSD	.5833266	99.57587	.8327343	14.77213	8.209143	.2784597	.1012409

#1	.1266890	.0039085	2.588602	-.022485	.0170048	96.75988	1.073475
#2	.1258463	.0011517	2.546909	-.016751	.0144283	96.76478	1.075282
#3	.1273184	.0121055	2.559691	-.020901	.0156598	96.29641	1.073330

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114535	.0984564	150.8036	.1104560	.0672026	.5608634	141.0393
Stddev	.0001661	.0004547	.2855	.0010183	.0005741	.0014795	.6206
%RSD	1.449911	.4617930	.1893283	.9218657	.8542227	.2637812	.4400251

#1	.0113873	.0989216	150.6279	.1103361	.0675339	.5599266	141.7222
#2	.0116424	.0980131	150.6499	.1115289	.0665397	.5600947	140.8859
#3	.0113306	.0984347	151.1330	.1095030	.0675341	.5625690	140.5097

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.005406	52.11340	.1173960	.0097453	1.544856	.2777939	1.449648
Stddev	.009310	.18426	.0011476	.0001673	.069619	.0048243	.016585
%RSD	.2324256	.3535711	.9775027	1.716822	4.506475	1.736645	1.144063

#1	3.998989	52.32405	.1186785	.0095960	1.615418	.2808379	1.468681
#2	4.001144	51.98217	.1164662	.0099261	1.476221	.2803123	1.441964
#3	4.016083	52.03399	.1170433	.0097138	1.542928	.2722316	1.438299

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	36.05268	1.427957	.1549541	.0060316	5.780518	7.481139	.0162016
Stddev	.14959	.007954	.0016090	.0002597	.040776	.046565	.0011428
%RSD	.4149283	.5570020	1.038366	4.306224	.7054105	.6224373	7.053396

#1	36.05020	1.436251	.1561819	.0058882	5.816720	7.455567	.0150764
#2	36.20349	1.420394	.1531326	.0063314	5.736344	7.534887	.0173611
#3	35.90434	1.427228	.1555478	.0058751	5.788490	7.452962	.0161674

Sample Name: J3385-04 Acquired: 6/12/2018 12:58:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FQ3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.238006	.0974261	.4844539
Stddev	.009545	.0004714	.0001676
%RSD	.4265128	.4838231	.0345843

#1	2.244750	.0970290	.4843124
#2	2.242185	.0973022	.4846389
#3	2.227084	.0979470	.4844104

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2537.571	2648.112	68477.16	8653.050	3447.264
Stddev	.645	21.070	60.98	2.384	34.950
%RSD	.0254229	.7956498	.0890563	.0275459	1.013859

#1	2536.964	2623.879	68526.25	8650.910	3406.950
#2	2537.500	2662.103	68408.89	8652.621	3469.033
#3	2538.248	2658.353	68496.33	8655.619	3465.810

Sample Name: J3385-05 Acquired: 6/12/2018 13:02:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FQ4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1255188	.0020628	1.723906	-.023530	.0147493	66.66966	.7250190
Stddev	.0045795	.0028147	.003971	.001203	.0007789	.20673	.0016745
%RSD	3.648477	136.4487	.2303538	5.111112	5.281139	.3100759	.2309585

#1	.1259191	.0047469	1.728465	-.023539	.0155987	66.44407	.7231213
#2	.1298850	-.000866	1.721203	-.022322	.0145809	66.85005	.7262888
#3	.1207523	.002308	1.722050	-.024728	.0140684	66.71486	.7256468

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067788	.0617405	106.7995	.1247893	.0593963	.6669546	159.7946
Stddev	.0001628	.0002282	.3148	.0002442	.0004438	.0010671	.5943
%RSD	2.401443	.3695880	.2947727	.1957112	.7471381	.1599927	.3719214

#1	.0066435	.0619497	106.4406	.1250563	.0591852	.6677975	159.1093
#2	.0069595	.0617747	107.0290	.1247341	.0599063	.6673114	160.1052
#3	.0067335	.0614971	106.9288	.1245773	.0590975	.6657548	160.1692

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.375488	43.69257	.0905273	.0064185	2.697483	.3470313	1.345711
Stddev	.013371	.19566	.0003719	.0004870	.162429	.0013681	.008677
%RSD	.3961250	.4478084	.4108317	7.587055	6.021509	.3942336	.6447664

#1	3.360049	43.56395	.0907694	.0065515	2.578702	.3463142	1.336411
#2	3.383319	43.59602	.0900991	.0058788	2.882578	.3486089	1.353588
#3	3.383096	43.91773	.0907135	.0068251	2.631170	.3461708	1.347136

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.50376	.8456673	.1031883	.0079124	2.781923	3.892941	.0144721
Stddev	.01969	.0022724	.0005219	.0000838	.009677	.010344	.0006151
%RSD	.1009350	.2687123	.5057565	1.059144	.3478381	.2657106	4.249925

#1	19.50511	.8430758	.1037105	.0078744	2.793080	3.891264	.0146173
#2	19.52273	.8466069	.1031876	.0080085	2.776860	3.883538	.0150016
#3	19.48343	.8473192	.1026668	.0078544	2.775828	3.904021	.0137975

Sample Name: J3385-05 Acquired: 6/12/2018 13:02:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FQ4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.719159	.0842707	.2834244
Stddev	.015028	.0011124	.0007116
%RSD	.5526823	1.320006	.2510818

#1	2.701808	.0853963	.2826438
#2	2.727593	.0831720	.2835924
#3	2.728076	.0842437	.2840370

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2445.056	2556.929	66200.81	8289.188	3571.723
Stddev	9.410	8.191	17.98	6.138	14.237
%RSD	.3848588	.3203626	.0271654	.0740482	.3986036

#1	2434.222	2547.529	66208.18	8291.314	3555.655
#2	2451.195	2560.718	66213.94	8282.269	3582.767
#3	2449.751	2562.540	66180.31	8293.979	3576.746

Sample Name: J3385-06 Acquired: 6/12/2018 13:06:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FQ5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1448600	.0011180	1.825240	-.023230	.0204377	73.87260	.8659997
Stddev	.0014855	.0006877	.003282	.006575	.0021648	.42954	.0041646
%RSD	1.025477	61.50450	.1798242	28.30625	10.59198	.5814647	.4808965

#1	.1465751	.0003762	1.825847	-.030513	.0182814	73.37873	.8705924
#2	.1440229	.0012439	1.821696	-.017729	.0204208	74.15927	.8624690
#3	.1439819	.0017340	1.828176	-.021447	.0226108	74.07980	.8649375

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064838	.0513670	114.3762	.1406125	.0601681	.7565962	159.8599
Stddev	.0001382	.0002102	.3087	.0013172	.0005415	.0009775	2.1957
%RSD	2.131653	.4092001	.2698805	.9367680	.9000125	.1291921	1.373506

#1	.0063255	.0513605	114.7316	.1399418	.0602782	.7554916	157.3824
#2	.0065807	.0511601	114.2213	.1397656	.0595799	.7569478	161.5649
#3	.0065450	.0515803	114.1756	.1421301	.0606460	.7573493	160.6325

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.836005	51.36228	.0972423	.0087339	4.566439	.3348272	1.330296
Stddev	.017226	.85642	.0006166	.0001100	.049419	.0028975	.015407
%RSD	.4490486	1.667416	.6340950	1.259267	1.082215	.8653793	1.158138

#1	3.855584	50.37471	.0965938	.0087620	4.623501	.3381694	1.331736
#2	3.823178	51.90069	.0978211	.0088271	4.537531	.3332893	1.344932
#3	3.829252	51.81144	.0973119	.0086126	4.538286	.3330228	1.314220

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.08183	.9178273	.1103800	.0114635	3.799214	3.413623	.0165577
Stddev	.12125	.0038040	.0011423	.0002497	.003632	.058608	.0006300
%RSD	.5491093	.4144598	1.034906	2.177868	.0956023	1.716893	3.804771

#1	21.94283	.9136323	.1090795	.0112116	3.802760	3.348232	.0167754
#2	22.16588	.9187970	.1112209	.0117108	3.795502	3.461417	.0170499
#3	22.13677	.9210526	.1108398	.0114682	3.799379	3.431221	.0158477

Sample Name: J3385-06 Acquired: 6/12/2018 13:06:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FQ5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.231005	.0973226	.3411366
Stddev	.015998	.0004173	.0005650
%RSD	.4951289	.4288124	.1656226

#1	3.212706	.0976961	.3417877
#2	3.237969	.0973996	.3407752
#3	3.242340	.0968722	.3408470

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2416.238	2517.697	65273.73	8205.295	3536.790
Stddev	26.881	.449	153.40	64.312	3.362
%RSD	1.112499	.0178320	.2350131	.7837813	.0950681

#1	2394.434	2518.179	65096.82	8266.039	3533.023
#2	2408.009	2517.291	65354.49	8137.928	3539.490
#3	2446.272	2517.622	65369.88	8211.916	3537.855

Sample Name: J3385-07 Acquired: 6/12/2018 13:10:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FQ6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2271127	.0055316	3.183285	-.017549	.0210390	92.50540	.9049960
Stddev	.0011768	.0016028	.010812	.002767	.0020183	.40262	.0016492
%RSD	.5181601	28.97446	.3396601	15.76939	9.593163	.4352391	.1822279

#1	.2274674	.0038069	3.176270	-.020630	.0231446	92.61311	.9040837
#2	.2257993	.0069752	3.177849	-.015274	.0191211	92.84320	.9068997
#3	.2280713	.0058128	3.195737	-.016742	.0208513	92.05987	.9040046

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0158421	.0874197	95.14669	.0840620	.0601148	1.425030	132.7333
Stddev	.0000897	.0002576	.21103	.0006117	.0005168	.007982	.6402
%RSD	.5663760	.2946691	.2217938	.7276139	.8597186	.5601488	.4823163

#1	.0159447	.0872913	95.38520	.0846528	.0595359	1.420879	133.0782
#2	.0157784	.0872516	95.07065	.0841019	.0602787	1.434233	133.1272
#3	.0158031	.0877163	94.98422	.0834314	.0605298	1.419979	131.9946

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.260051	46.59947	.1041570	.0124503	.6095055	.2598262	1.648358
Stddev	.013809	.42143	.0011473	.0003675	.1573117	.0039676	.009642
%RSD	.4235833	.9043609	1.101529	2.951622	25.80972	1.527016	.5849255

#1	3.263580	46.80873	.1028342	.0127657	.6391067	.2614110	1.639708
#2	3.244820	46.87530	.1048821	.0120468	.4394960	.2627565	1.646613
#3	3.271753	46.11436	.1047547	.0125383	.7499136	.2553112	1.658753

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.01576	1.009525	.1104545	.0038192	4.714511	4.533509	.0339621
Stddev	.05812	.006231	.0036222	.0001518	.029097	.044653	.0007858
%RSD	.1873879	.6171969	3.279369	3.974251	.6171739	.9849499	2.313860

#1	31.03325	1.002708	.1064141	.0039856	4.689959	4.561432	.0348596
#2	31.06312	1.014926	.1115381	.0037838	4.746650	4.557086	.0333973
#3	30.95090	1.010941	.1134112	.0036883	4.706926	4.482010	.0336295

Sample Name: J3385-07 Acquired: 6/12/2018 13:10:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FQ6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.814305	.0852051	.3498066
Stddev	.011302	.0008538	.0009334
%RSD	.6229338	1.002102	.2668293

#1	1.815273	.0861607	.3506359
#2	1.825092	.0849376	.3487958
#3	1.802550	.0845171	.3499883

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2710.814	2826.284	73811.69	9293.179	3559.751
Stddev	11.150	5.249	466.56	71.482	3.753
%RSD	.4113304	.1857375	.6320885	.7691860	.1054354

#1	2699.302	2823.646	73461.34	9226.252	3560.486
#2	2711.577	2832.329	73632.43	9284.808	3563.081
#3	2721.564	2822.876	74341.29	9368.478	3555.684

Sample Name: J3385-08 Acquired: 6/12/2018 13:14:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FQ8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1409890	.0006804	1.780797	-.018131	.0126367	87.85561	1.184862
Stddev	.0058239	.0035828	.005151	.002921	.0013622	.16180	.004212
%RSD	4.130752	526.5523	.2892575	16.11157	10.77977	.1841702	.3554483

#1	.1402719	.0046006	1.786325	-.017909	.0114235	87.81562	1.184358
#2	.1355569	-.000135	1.779936	-.021157	.0123763	87.71755	1.180925
#3	.1471383	-.002424	1.776131	-.015327	.0141103	88.03366	1.189303

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095732	.0685840	362.4251	.1154057	.0670995	.5606632	149.7432
Stddev	.0000628	.0002730	.5314	.0008787	.0006362	.0075686	.3654
%RSD	.6561280	.3981116	.1466137	.7613648	.9481546	1.349930	.2440275

#1	.0095558	.0688382	362.2312	.1143912	.0676979	.5644462	150.1586
#2	.0095209	.0682954	362.0180	.1159233	.0664312	.5519490	149.5994
#3	.0096429	.0686184	363.0262	.1159027	.0671696	.5655945	149.4715

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.724441	62.50750	.1161100	.0053458	1.568628	.3365577	1.874889
Stddev	.003431	.32865	.0001511	.0003545	.103718	.0008588	.005483
%RSD	.0921301	.5257832	.1301250	6.631397	6.612035	.2551779	.2924344

#1	3.727921	62.84196	.1162214	.0056484	1.688361	.3368073	1.874594
#2	3.721061	62.18498	.1161705	.0054333	1.506401	.3356017	1.880513
#3	3.724341	62.49556	.1159380	.0049558	1.511122	.3372640	1.869560

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.78801	1.631570	.1286870	.0056369	5.462391	5.751057	.0169966
Stddev	.11748	.005238	.0033987	.0001474	.029720	.051869	.0010368
%RSD	.3582923	.3210226	2.641019	2.614689	.5440925	.9018954	6.099905

#1	32.70152	1.631918	.1292821	.0058067	5.489678	5.775472	.0174057
#2	32.74076	1.636625	.1317488	.0055423	5.466773	5.691486	.0158177
#3	32.92176	1.626167	.1250301	.0055616	5.430723	5.786213	.0177664

Sample Name: J3385-08 Acquired: 6/12/2018 13:14:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FQ8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.146517	.1115985	1.249900
Stddev	.003917	.0005842	.001262
%RSD	.1244992	.5234801	.1009398

#1	3.146642	.1110047	1.248550
#2	3.142539	.1116182	1.250102
#3	3.150371	.1121725	1.251049

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2478.713	2595.372	67551.25	8673.396	3352.220
Stddev	11.458	4.817	205.07	45.353	6.204
%RSD	.4622581	.1855962	.3035827	.5228945	.1850826

#1	2478.913	2589.819	67550.92	8630.622	3346.860
#2	2467.156	2597.880	67346.34	8720.949	3359.017
#3	2490.070	2598.417	67756.49	8668.618	3350.783

Sample Name: J3385-09 Acquired: 6/12/2018 13:18:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FQ9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1164908	.0062228	2.579295	-.015064	.0159565	83.63016	.9302466
Stddev	.0022634	.0033750	.008586	.003748	.0013783	.27187	.0034884
%RSD	1.943003	54.23616	.3328851	24.87951	8.637844	.3250827	.3749977

#1	.1172304	.0023257	2.581233	-.018490	.0167263	83.82219	.9321844
#2	.1139501	.0081595	2.569906	-.011061	.0167779	83.74921	.9323360
#3	.1182919	.0081831	2.586747	-.015639	.0143653	83.31907	.9262195

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0119889	.1102189	81.75726	.1010601	.0620926	.8975190	139.2035
Stddev	.0000941	.0001278	.14186	.0007128	.0004758	.0048953	.6160
%RSD	.7850588	.1159115	.1735147	.7053547	.7663472	.5454295	.4425100

#1	.0119086	.1101963	81.67414	.1015805	.0623014	.8937798	139.4388
#2	.0120925	.1101040	81.67657	.1002476	.0615480	.9030598	139.6671
#3	.0119656	.1103565	81.92106	.1013522	.0624283	.8957172	138.5045

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.334365	42.84633	.0979172	.0132830	1.463735	.2997214	2.371049
Stddev	.006162	.24257	.0009917	.0004135	.082363	.0034996	.034824
%RSD	.1421602	.5661382	1.012829	3.112868	5.626911	1.167620	1.468712

#1	4.329515	42.87041	.0981377	.0130166	1.460398	.3034786	2.399736
#2	4.332283	43.07596	.0968338	.0137593	1.547716	.2965545	2.381108
#3	4.341299	42.59262	.0987802	.0130730	1.383091	.2991311	2.332302

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.62676	1.030806	.1124149	.0070465	6.606314	6.320984	.0210410
Stddev	.05017	.004072	.0024863	.0002866	.022429	.029814	.0009727
%RSD	.2037155	.3950295	2.211676	4.067168	.3395131	.4716679	4.622999

#1	24.65929	1.035270	.1133512	.0068705	6.632114	6.313250	.0221532
#2	24.56899	1.027296	.1095964	.0073771	6.591457	6.353903	.0203493
#3	24.65202	1.029853	.1142971	.0068917	6.595370	6.295799	.0206205

Sample Name: J3385-09 Acquired: 6/12/2018 13:18:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FQ9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.262466	.0850555	.3159540
Stddev	.002751	.0006184	.0002637
%RSD	.1216110	.7271041	.0834726

#1	2.264802	.0844017	.3160546
#2	2.259433	.0851337	.3161527
#3	2.263162	.0856311	.3156548

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2564.954	2666.834	69579.66	8717.935	3572.963
Stddev	4.187	3.743	40.61	30.557	7.176
%RSD	.1632470	.1403445	.0583579	.3505130	.2008341

#1	2560.290	2671.132	69533.37	8732.745	3571.652
#2	2568.388	2664.293	69596.38	8738.265	3580.703
#3	2566.185	2665.076	69609.24	8682.794	3566.533

Sample Name: J3385-10 Acquired: 6/12/2018 13:22:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FR1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2114481	.0087334	6.603637	-.011634	.0421912	79.95546	.9005098
Stddev	.0012924	.0018237	.003366	.004943	.0015495	.55017	.0021984
%RSD	.6112093	20.88146	.0509788	42.48939	3.672557	.6880930	.2441224

#1	.2127993	.0080364	6.602499	-.013643	.0404332	80.01562	.8994028
#2	.2113212	.0073611	6.607425	-.006002	.0433582	80.47307	.9030415
#3	.2102239	.0108028	6.600988	-.015255	.0427822	79.37768	.8990849

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113203	.2539877	116.9403	.0986107	.0624191	1.402754	140.8247
Stddev	.0000204	.0005961	.2608	.0004582	.0003497	.005328	1.5904
%RSD	.1801843	.2347137	.2230230	.4646496	.5602064	.3798163	1.129317

#1	.0113421	.2539586	117.1883	.0991135	.0621501	1.400599	140.9490
#2	.0113171	.2545979	116.6683	.0982168	.0622928	1.408822	142.3493
#3	.0113017	.2534067	116.9642	.0985017	.0628143	1.398841	139.1759

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.907743	47.08450	.0913720	.0412659	.9624336	.2863668	2.965037
Stddev	.019784	.46186	.0004504	.0002584	.0302393	.0039587	.027545
%RSD	.5062658	.9809172	.4929388	.6262566	3.141966	1.382405	.9289898

#1	3.919513	47.20421	.0918755	.0415621	.9278266	.2909374	2.938288
#2	3.884903	47.47472	.0912329	.0411487	.9757137	.2840177	2.993314
#3	3.918814	46.57457	.0910075	.0410868	.9837604	.2841453	2.963509

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.99247	1.695964	.1395529	.0071797	6.723029	5.943674	.0272148
Stddev	.05019	.007678	.0025184	.0001162	.040814	.064553	.0011592
%RSD	.1859455	.4527275	1.804613	1.618066	.6070729	1.086072	4.259621

#1	27.04048	1.692925	.1375027	.0071759	6.713509	6.016834	.0264650
#2	26.99659	1.704696	.1423640	.0072977	6.767761	5.894736	.0285501
#3	26.94035	1.690270	.1387919	.0070655	6.687817	5.919452	.0266294

Sample Name: J3385-10 Acquired: 6/12/2018 13:22:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FR1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.571103	.0892400	.3946943
Stddev	.022382	.0007048	.0013747
%RSD	.8705207	.7897869	.3482888

#1	2.578558	.0890392	.3954629
#2	2.588806	.0900234	.3955128
#3	2.545945	.0886574	.3931072

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2512.247	2620.815	68279.49	8606.664	3534.358
Stddev	13.209	2.972	226.01	68.649	5.143
%RSD	.5257955	.1134043	.3310089	.7976296	.1455095

#1	2514.631	2617.593	68021.21	8527.852	3529.577
#2	2524.102	2621.405	68376.22	8653.437	3533.699
#3	2498.008	2623.448	68441.04	8638.703	3539.799

Sample Name: J3385-11 Acquired: 6/12/2018 13:26:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FR2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1312721	.0067596	2.992541	-.014899	.0243517	84.77734	.9288767
Stddev	.0023892	.0042859	.005463	.001314	.0021346	.33786	.0022450
%RSD	1.819996	63.40552	.1825391	8.818173	8.765654	.3985310	.2416874

#1	.1318855	.0116784	2.986278	-.015058	.0267396	85.06803	.9304423
#2	.1286360	.0038279	2.996321	-.016126	.0236871	84.85734	.9298831
#3	.1332947	.0047724	2.995023	-.013513	.0226285	84.40666	.9263046

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0127056	.1218595	162.4972	.0855383	.0568883	.7322751	120.9085
Stddev	.0001680	.0002750	.8589	.0002616	.0002355	.0036702	.4250
%RSD	1.322680	.2256866	.5285379	.3057819	.4138811	.5012041	.3515284

#1	.0128960	.1220126	163.2870	.0855394	.0566736	.7330082	121.3945
#2	.0125781	.1215420	162.6216	.0857993	.0571401	.7355234	120.7244
#3	.0126427	.1220240	161.5829	.0852762	.0568512	.7282937	120.6065

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.196704	49.57043	.0906484	.0166314	1.228230	.2409442	1.500309
Stddev	.020853	.22136	.0005403	.0005000	.172031	.0018297	.004479
%RSD	.6523259	.4465543	.5960887	3.006252	14.00641	.7593780	.2985097

#1	3.212791	49.77235	.0901349	.0171071	1.045823	.2407892	1.495677
#2	3.204177	49.60520	.0912121	.0161102	1.387553	.2391970	1.500632
#3	3.173144	49.33375	.0905982	.0166768	1.251314	.2428465	1.504617

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.31444	1.400915	.1318642	.0059881	6.318084	5.005364	.0174028
Stddev	.16150	.007829	.0008997	.0000992	.016844	.029334	.0010256
%RSD	.5703881	.5588645	.6822979	1.656165	.2665952	.5860547	5.893073

#1	28.42227	1.403568	.1321128	.0060919	6.309331	5.035300	.0184693
#2	28.39229	1.392104	.1308664	.0059779	6.307418	5.004122	.0164239
#3	28.12875	1.407072	.1326135	.0058944	6.337502	4.976671	.0173150

Sample Name: J3385-11 Acquired: 6/12/2018 13:26:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FR2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.854005	.0926038	.4754570
Stddev	.011051	.0006540	.0021871
%RSD	.5960476	.7062403	.4600079

#1	1.859568	.0933000	.4773958
#2	1.861168	.0925090	.4758893
#3	1.841278	.0920023	.4730860

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2585.884	2690.178	70648.41	8923.307	3500.818
Stddev	8.823	5.788	182.82	69.332	10.449
%RSD	.3411880	.2151600	.2587755	.7769789	.2984589

#1	2596.062	2688.405	70457.45	8874.566	3501.678
#2	2581.188	2696.645	70821.83	8892.676	3510.810
#3	2580.403	2685.484	70665.94	9002.680	3489.966

Sample Name: J3385-12 Acquired: 6/12/2018 13:30:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FR5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1294038	.0074148	3.174774	-.013601	.0246482	89.09173	.9377675
Stddev	.0066563	.0016889	.014616	.002951	.0009057	.44624	.0019367
%RSD	5.143795	22.77673	.4603654	21.69320	3.674301	.5008777	.2065255

#1	.1370375	.0091487	3.158047	-.011132	.0256737	89.59315	.9396034
#2	.1248123	.0073208	3.181191	-.016869	.0243124	88.94382	.9379553
#3	.1263614	.0057749	3.185083	-.012803	.0239584	88.73823	.9357437

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0127086	.1283211	171.2953	.0898582	.0555024	.7627528	126.8161
Stddev	.0001757	.0005690	.3243	.0009106	.0004008	.0092260	1.7966
%RSD	1.382547	.4434309	.1893299	1.013414	.7221728	1.209560	1.416684

#1	.0127512	.1276698	171.6229	.0889169	.0552644	.7697060	128.6789
#2	.0125155	.1285713	170.9743	.0899229	.0559652	.7662660	126.6751
#3	.0128591	.1287221	171.2886	.0907347	.0552776	.7522863	125.0941

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.177928	51.28060	.0922938	.0178031	1.372563	.2501326	1.560091
Stddev	.010357	.55325	.0001999	.0000519	.114025	.0101898	.014832
%RSD	.3259127	1.078866	.2165560	.2917325	8.307424	4.073760	.9507402

#1	3.168803	51.87434	.0923423	.0178626	1.379781	.2510216	1.575593
#2	3.175797	51.18791	.0924650	.0177801	1.255101	.2598487	1.546033
#3	3.189186	50.77955	.0920742	.0177667	1.482807	.2395274	1.558648

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.77284	1.457373	.1405771	.0080007	6.607990	5.659393	.0287891
Stddev	.11901	.002632	.0069539	.0001686	.019087	.043390	.0007143
%RSD	.3997417	.1806023	4.946713	2.106734	.2888429	.7666924	2.481023

#1	29.90857	1.455803	.1465627	.0081945	6.601244	5.658969	.0296020
#2	29.68636	1.460411	.1422196	.0078888	6.629534	5.616216	.0282617
#3	29.72358	1.455903	.1329489	.0079187	6.593193	5.702993	.0285037

Sample Name: J3385-12 Acquired: 6/12/2018 13:30:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FR5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.150792	.0952369	.4917369
Stddev	.012642	.0012825	.0010100
%RSD	.5877610	1.346644	.2054027

#1	2.159799	.0965476	.4927246
#2	2.156236	.0951786	.4917801
#3	2.136340	.0939846	.4907059

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2534.259	2649.170	69355.13	8816.300	3449.767
Stddev	18.059	3.296	259.41	36.894	4.708
%RSD	.7125862	.1244046	.3740327	.4184769	.1364831

#1	2528.514	2652.887	69480.21	8773.781	3454.510
#2	2519.771	2648.016	69056.87	8835.261	3445.095
#3	2554.491	2646.606	69528.29	8839.859	3449.696

Sample Name: J3385-13 Acquired: 6/12/2018 13:34:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FR6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1507339	.0046361	4.235637	-.015603	.0253837	75.34162	1.017523
Stddev	.0043557	.0013814	.028193	.001578	.0016374	.25584	.002793
%RSD	2.889627	29.79641	.6656088	10.11546	6.450401	.3395702	.2744737

#1	.1457060	.0034842	4.213116	-.017043	.0271062	75.60691	1.019162
#2	.1531416	.0061676	4.226540	-.015851	.0238474	75.32153	1.019110
#3	.1533542	.0042565	4.267256	-.013915	.0251975	75.09642	1.014299

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0127003	.1385843	130.8944	.0963723	.0570645	1.096810	130.3454
Stddev	.0001409	.0010840	.1468	.0010979	.0004106	.003138	1.2165
%RSD	1.109155	.7821918	.1121526	1.139178	.7195526	.2861458	.9332625

#1	.0127730	.1381270	130.9024	.0968662	.0570973	1.097926	131.7459
#2	.0127899	.1378039	131.0370	.0971364	.0566385	1.099238	129.5521
#3	.0125379	.1398220	130.7437	.0951142	.0574577	1.093266	129.7380

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.090579	44.74761	.1048813	.0183875	1.499631	.2428785	2.938501
Stddev	.009163	.49312	.0003982	.0002260	.030047	.0068284	.024457
%RSD	.2964737	1.102008	.3796339	1.229255	2.003614	2.811460	.8322877

#1	3.080110	45.30407	.1045848	.0182156	1.465051	.2494366	2.966463
#2	3.097138	44.57396	.1053338	.0186435	1.514477	.2358085	2.921095
#3	3.094490	44.36480	.1047252	.0183034	1.519365	.2433905	2.927946

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.13274	1.512896	.1462607	.0124382	5.304830	5.898631	.0245651
Stddev	.04739	.008099	.0040333	.0003334	.042580	.050349	.0026053
%RSD	.1684428	.5353434	2.757604	2.680653	.8026649	.8535699	10.60560

#1	28.10335	1.512296	.1479309	.0121713	5.297108	5.924276	.0215571
#2	28.18741	1.505114	.1416606	.0123313	5.266640	5.930994	.0260328
#3	28.10747	1.521279	.1491906	.0128119	5.350743	5.840623	.0261054

Sample Name: J3385-13 Acquired: 6/12/2018 13:34:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FR6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.928175	.0811452	.4037706
Stddev	.005437	.0006221	.0001588
%RSD	.2820001	.7666737	.0393201

#1	1.933065	.0805780	.4037194
#2	1.929141	.0818106	.4039486
#3	1.922320	.0810471	.4036437

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2637.131	2753.205	71659.04	9060.279	3555.522
Stddev	14.176	10.807	491.21	45.323	14.893
%RSD	.5375663	.3925278	.6854838	.5002388	.4188598

#1	2634.821	2755.462	71564.53	9034.439	3553.323
#2	2624.251	2762.705	71221.96	9033.786	3571.392
#3	2652.320	2741.448	72190.64	9112.612	3541.851

Sample Name: J3385-14 Acquired: 6/12/2018 13:38:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FR7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0797970	.0016722	.7086905	-.026161	.0113897	77.53761	.7749526
Stddev	.0026550	.0026100	.0039952	.002089	.0011026	.36272	.0037435
%RSD	3.327263	156.0765	.5637410	7.985798	9.680280	.4677986	.4830629

#1	.0782532	.0005708	.7070802	-.028572	.0103047	77.58951	.7786849
#2	.0782749	-.000206	.7057518	-.024883	.0113555	77.87158	.7749750
#3	.0828627	.004652	.7132395	-.025028	.0125090	77.15173	.7711980

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057937	.0246813	44.72198	.0978678	.0720099	13.69940	175.3885
Stddev	.0000874	.0001106	.16182	.0009733	.0007168	.05842	1.0532
%RSD	1.508845	.4482420	.3618441	.9944633	.9954539	.4264692	.6004795

#1	.0058799	.0246593	44.89306	.0984164	.0717757	13.71468	175.2938
#2	.0057051	.0245833	44.70151	.0967440	.0714394	13.74866	176.4858
#3	.0057961	.0248012	44.57136	.0984429	.0728145	13.63485	174.3858

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.993451	46.15600	.0734617	.0009751	2.236315	.3928272	.7627404
Stddev	.019588	.32116	.0009225	.0005135	.013176	.0087098	.0074435
%RSD	.3922798	.6958140	1.255768	52.65638	.5891853	2.217205	.9758909

#1	4.991210	46.03245	.0741424	.0004980	2.237178	.3828558	.7709939
#2	5.014063	46.52059	.0724118	.0009089	2.222729	.3989481	.7565363
#3	4.975079	45.91497	.0738309	.0015185	2.249039	.3966777	.7606909

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.97356	1.235850	.0868605	.0106143	2.702736	4.193106	.0096074
Stddev	.12898	.007766	.0027911	.0001944	.014837	.007866	.0007525
%RSD	.7176050	.6283742	3.213309	1.831513	.5489715	.1875878	7.832135

#1	17.91290	1.239078	.0860528	.0108359	2.704111	4.188875	.0094045
#2	18.12169	1.226991	.0899663	.0105348	2.687260	4.202182	.0089772
#3	17.88610	1.241481	.0845622	.0104723	2.716839	4.188262	.0104405

Sample Name: J3385-14 Acquired: 6/12/2018 13:38:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FR7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.709972	.1112171	.3369275
Stddev	.016450	.0012261	.0012824
%RSD	.4433912	1.102432	.3806015

#1	3.720245	.1125084	.3376293
#2	3.718672	.1110742	.3377057
#3	3.690999	.1100687	.3354474

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2409.468	2495.352	65160.82	8090.244	3667.198
Stddev	7.453	4.193	136.17	47.146	11.099
%RSD	.3093381	.1680499	.2089752	.5827552	.3026606

#1	2405.533	2495.123	65004.44	8075.882	3665.104
#2	2404.806	2499.656	65253.14	8051.949	3679.195
#3	2418.064	2491.278	65224.90	8142.901	3657.296

Sample Name: J3385-15 Acquired: 6/12/2018 13:42:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FS0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1481238	.0032696	2.479454	-.021858	.0200111	72.00602	.8819318
Stddev	.0022681	.0024226	.008509	.005160	.0010212	1.03605	.0101647
%RSD	1.531217	74.09505	.3431739	23.60841	5.103077	1.438845	1.152551

#1	.1504775	.0057034	2.472087	-.020116	.0193264	73.19461	.8929450
#2	.1479416	.0008583	2.488768	-.027664	.0195219	71.29406	.8729105
#3	.1459523	.0032472	2.477508	-.017794	.0211848	71.52938	.8799400

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099320	.1062433	138.5502	.1179954	.0588014	.7696137	167.7317
Stddev	.0000259	.0003731	1.5041	.0014988	.0003294	.0090701	2.9849
%RSD	.2605660	.3511576	1.085598	1.270251	.5600997	1.178532	1.779591

#1	.0099615	.1058289	140.2429	.1162865	.0586715	.7800007	171.1053
#2	.0099214	.1063484	137.3671	.1186129	.0585567	.7632587	165.4333
#3	.0099131	.1065525	138.0405	.1190869	.0591758	.7655816	166.6565

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.555283	48.43435	.1018908	.0107761	2.546354	.2894703	1.472887
Stddev	.031709	.85720	.0002855	.0004381	.139315	.0058033	.011193
%RSD	.8918740	1.769818	.2802361	4.065525	5.471154	2.004783	.7599046

#1	3.590448	49.39513	.1016526	.0111384	2.646942	.2949841	1.460567
#2	3.528869	47.74789	.1022073	.0109007	2.604780	.2900114	1.475664
#3	3.546531	48.16002	.1018126	.0102892	2.387339	.2834155	1.482429

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.41504	.9247153	.1100187	.0110000	3.228525	4.588972	.0170911
Stddev	.28638	.0024909	.0074216	.0000867	.020031	.096321	.0006544
%RSD	1.277622	.2693642	6.745733	.7881542	.6204376	2.098965	3.828761

#1	22.74429	.9218528	.1099710	.0110376	3.226322	4.688846	.0175572
#2	22.27706	.9259041	.1026211	.0110615	3.209686	4.581421	.0163430
#3	22.22378	.9263890	.1174640	.0109008	3.249566	4.496649	.0173730

Sample Name: J3385-15 Acquired: 6/12/2018 13:42:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FS0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.325671	.0888515	.3128218
Stddev	.029783	.0014730	.0050202
%RSD	1.280621	1.657769	1.604802

#1	2.358863	.0901282	.3186067
#2	2.301281	.0891863	.3096087
#3	2.316869	.0872399	.3102499

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2509.142	2626.960	67870.01	8572.110	3578.968
Stddev	26.616	8.086	466.08	88.280	10.079
%RSD	1.060743	.3078161	.6867258	1.029856	.2816207

#1	2539.432	2625.779	68304.99	8479.137	3582.945
#2	2498.503	2619.530	67927.00	8582.396	3567.508
#3	2489.492	2635.572	67378.06	8654.796	3586.453

Sample Name: J3385-16 Acquired: 6/12/2018 13:46:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FS1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1438316	.0053339	2.921285	-.013911	.0156496	84.20040	.8877278
Stddev	.0024378	.0015171	.005370	.001405	.0013321	.25522	.0062127
%RSD	1.694899	28.44277	.1838109	10.09818	8.512153	.3031068	.6998471

#1	.1438667	.0054389	2.920122	-.014475	.0142046	84.44651	.8895441
#2	.1413764	.0067958	2.916592	-.012312	.0168287	83.93696	.8808093
#3	.1462516	.0037670	2.927141	-.014947	.0159157	84.21772	.8928300

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0143359	.0920328	103.8452	.0807125	.0555567	.4570016	124.0529
Stddev	.0000978	.0000994	.6578	.0006339	.0004979	.0030199	.8092
%RSD	.6823585	.1079679	.6334239	.7853912	.8961554	.6608017	.6522841

#1	.0142830	.0919263	104.1318	.0814445	.0556495	.4593418	124.3652
#2	.0142758	.0920492	103.0928	.0803476	.0550189	.4535927	124.6593
#3	.0144487	.0921230	104.3111	.0803455	.0560016	.4580704	123.1341

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.066388	41.51824	.0808726	.0080705	1.167400	.2509591	1.278082
Stddev	.034090	.32830	.0008607	.0000422	.127933	.0066978	.008828
%RSD	1.111732	.7907259	1.064305	.5222741	10.95875	2.668885	.6907200

#1	3.088565	41.78248	.0798876	.0080670	1.143758	.2551645	1.285924
#2	3.027134	41.62153	.0812499	.0081143	1.305505	.2544776	1.279801
#3	3.083463	41.15073	.0814802	.0080303	1.052938	.2432353	1.268521

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.75418	1.080843	.0897184	.0044789	3.804127	4.862067	.0156200
Stddev	.11864	.003603	.0032718	.0001990	.012255	.005475	.0007760
%RSD	.4274552	.3333612	3.646716	4.442781	.3221439	.1126136	4.967955

#1	27.70043	1.077800	.0924614	.0042509	3.790053	4.856627	.0160742
#2	27.67194	1.079907	.0905968	.0045679	3.812438	4.861996	.0147240
#3	27.89018	1.084822	.0860972	.0046179	3.809890	4.867577	.0160618

Sample Name: J3385-16 Acquired: 6/12/2018 13:46:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FS1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.735112	.0803138	.3685477
Stddev	.005810	.0005416	.0027641
%RSD	.3348645	.6743080	.7499939

#1	1.740886	.0801372	.3702783
#2	1.735185	.0809216	.3653599
#3	1.729266	.0798825	.3700048

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2725.372	2833.589	73837.14	9370.211	3554.859
Stddev	26.736	8.745	362.74	31.368	10.460
%RSD	.9810201	.3086157	.4912763	.3347683	.2942403

#1	2701.449	2824.246	73651.87	9345.702	3543.338
#2	2720.434	2841.578	73604.44	9359.368	3563.760
#3	2754.233	2834.943	74255.10	9405.562	3557.480

Sample Name: J3385-17 Acquired: 6/12/2018 13:50:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FS2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1099972	.0025575	1.947204	-.015274	.0148760	88.98575	.9540424
Stddev	.0017307	.0003180	.004889	.001024	.0011940	1.47916	.0181950
%RSD	1.573405	12.43306	.2510814	6.704705	8.026040	1.662241	1.907153

#1	.1107947	.0026364	1.944786	-.015537	.0135660	87.87253	.9443640
#2	.1080115	.0022075	1.943995	-.014144	.0159030	90.66417	.9750311
#3	.1111853	.0028285	1.952831	-.016141	.0151591	88.42054	.9427321

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0194180	.0590275	118.1465	.0701315	.0553044	.4281213	118.2452
Stddev	.0002654	.0002774	2.4240	.0002189	.0003844	.0104385	1.5780
%RSD	1.366664	.4698905	2.051658	.3121374	.6950960	2.438216	1.334542

#1	.0191553	.0589858	116.6533	.0703586	.0550840	.4235591	116.6311
#2	.0196860	.0587733	120.9433	.0699218	.0550810	.4400643	119.7845
#3	.0194126	.0593233	116.8429	.0701143	.0557483	.4207404	118.3202

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.067757	49.64268	.0922577	.0076083	1.403561	.2309310	.9643534
Stddev	.060892	.73737	.0007546	.0001855	.080330	.0053296	.0032377
%RSD	1.984907	1.485363	.8179130	2.437431	5.723300	2.307881	.3357356

#1	3.031077	48.80919	.0924892	.0077242	1.330894	.2259420	.9680901
#2	3.138047	50.21008	.0928694	.0077063	1.389970	.2365459	.9625862
#3	3.034147	49.90876	.0914145	.0073944	1.489820	.2303051	.9623838

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.76035	1.197557	.0964977	.0046952	5.169218	5.817087	.0170460
Stddev	.59276	.007756	.0029427	.0001007	.032658	.102085	.0014472
%RSD	1.927030	.6476683	3.049520	2.144176	.6317773	1.754911	8.490080

#1	30.37319	1.193355	.0951817	.0046527	5.152527	5.723014	.0175634
#2	31.44275	1.192809	.0944425	.0046227	5.148279	5.925638	.0181635
#3	30.46511	1.206508	.0998687	.0048101	5.206848	5.802611	.0154112

Sample Name: J3385-17 Acquired: 6/12/2018 13:50:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FS2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.272350	.0837599	.4187453
Stddev	.023212	.0016846	.0079709
%RSD	1.824356	2.011244	1.903513

#1	1.258510	.0828182	.4133233
#2	1.299148	.0857048	.4278973
#3	1.259391	.0827567	.4150153

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2848.524	2948.135	76980.93	9559.995	3546.040
Stddev	9.735	7.336	189.78	164.781	9.925
%RSD	.3417654	.2488294	.2465238	1.723649	.2798835

#1	2837.288	2943.475	76805.07	9705.061	3542.870
#2	2853.842	2956.591	76955.64	9380.834	3557.163
#3	2854.441	2944.339	77182.09	9594.091	3538.088

Sample Name: J3385-18 Acquired: 6/12/2018 13:54:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FS3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1492108	-.001748	1.111591	-.026860	.0081961	121.1092	1.689210
Stddev	.0117996	.000634	.003644	.001754	.0007062	1.9457	.025431
%RSD	7.907993	36.27543	.3278444	6.529289	8.616872	1.606534	1.505495

#1	.1355906	-.002001	1.108454	-.028842	.0085623	123.3532	1.718569
#2	.1557082	-.001026	1.115589	-.026231	.0073820	119.8933	1.674037
#3	.1563336	-.002215	1.110730	-.025508	.0086441	120.0810	1.675023

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114687	.0352160	419.6459	.1370496	.0830315	.3030381	181.1070
Stddev	.0002986	.0000537	5.6455	.0014804	.0008106	.0019736	2.9883
%RSD	2.603760	.1524807	1.345294	1.080228	.9762119	.6512646	1.650036

#1	.0117499	.0352059	426.1197	.1360368	.0823985	.3050651	184.5550
#2	.0115010	.0351681	417.0713	.1363634	.0827509	.3029266	179.2646
#3	.0111553	.0352741	415.7467	.1387487	.0839450	.3011227	179.5016

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.923367	80.57979	.1504568	-.000680	1.433303	.3987296	.8032069
Stddev	.057633	1.09439	.0004529	.000628	.088123	.0059867	.0111257
%RSD	1.468963	1.358145	.3010500	92.32749	6.148232	1.501435	1.385154

#1	3.989693	81.84340	.1502278	-.000232	1.346645	.4029171	.7979809
#2	3.894918	79.93567	.1501642	-.000410	1.430442	.3918726	.8159833
#3	3.885492	79.96029	.1509786	-.001398	1.522821	.4013992	.7956563

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.15150	.9679801	.1460735	.0054279	2.008656	9.165767	.0091693
Stddev	.51458	.0050187	.0052108	.0001608	.009172	.160502	.0018801
%RSD	1.600493	.5184760	3.567249	2.961588	.4566229	1.751106	20.50450

#1	32.74434	.9628377	.1478456	.0053337	1.998066	9.315067	.0079570
#2	31.82038	.9682371	.1402078	.0056135	2.014082	9.186211	.0082157
#3	31.88979	.9728653	.1501672	.0053364	2.013819	8.996022	.0113351

Sample Name: J3385-18 Acquired: 6/12/2018 13:54:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FS3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.947832	.1440127	.8971599
Stddev	.037984	.0022959	.0150535
%RSD	1.288552	1.594210	1.677905

#1	2.991672	.1466405	.9144909
#2	2.927063	.1423955	.8896505
#3	2.924760	.1430020	.8873384

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2468.127	2554.508	67290.59	8596.433	3315.118
Stddev	22.694	5.357	446.69	117.466	7.445
%RSD	.9194691	.2097092	.6638190	1.366456	.2245871

#1	2489.361	2558.327	67724.03	8468.345	3316.884
#2	2470.808	2556.813	67316.02	8621.830	3321.522
#3	2444.212	2548.385	66831.74	8699.123	3306.949

Sample Name: J3385-19 Acquired: 6/12/2018 13:58:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FS6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1485945	-.001215	1.275381	-.025855	.0080670	123.4570	1.553018
Stddev	.0062800	.001462	.013738	.002348	.0005814	.5113	.001184
%RSD	4.226284	120.3700	1.077140	9.079718	7.207843	.4141663	.0762595

#1	.1555309	-.002812	1.266442	-.023848	.0084185	122.8789	1.552143
#2	.1469577	.000057	1.291199	-.025280	.0073958	123.8501	1.554366
#3	.1432950	-.000888	1.268501	-.028437	.0083865	123.6420	1.552547

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114929	.0443969	414.1152	.1325232	.0818538	.3040638	176.8549
Stddev	.0000850	.0003492	.1554	.0005818	.0006999	.0009881	1.6489
%RSD	.7398509	.7865029	.0375244	.4390026	.8551010	.3249816	.9323543

#1	.0115905	.0441365	414.1208	.1329990	.0812536	.3032595	175.1078
#2	.0114351	.0447937	414.2677	.1318746	.0826227	.3051669	178.3839
#3	.0114531	.0442606	413.9570	.1326961	.0816852	.3037651	177.0729

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.775096	78.41683	.1451086	.0000360	2.244864	.3876984	.8421635
Stddev	.012365	.71338	.0013476	.0004480	.081534	.0020253	.0160644
%RSD	.3275437	.9097287	.9286704	1243.605	3.632021	.5223942	1.907515

#1	3.785388	77.65003	.1435677	.0004144	2.337205	.3860614	.8281585
#2	3.778522	79.06086	.1460665	.0001523	2.182799	.3870705	.8386322
#3	3.761380	78.53960	.1456916	-.000459	2.214587	.3899633	.8596998

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.65862	.9995242	.1406395	.0046098	1.961700	8.729726	.0115123
Stddev	.12075	.0093150	.0061076	.0001265	.021782	.064109	.0012415
%RSD	.3814113	.9319417	4.342751	2.743807	1.110359	.7343738	10.78405

#1	31.58735	.9910334	.1336004	.0046196	1.950669	8.799301	.0104905
#2	31.59047	1.009488	.1437834	.0047311	1.986791	8.716836	.0111525
#3	31.79804	.998051	.1445347	.0044787	1.947640	8.673042	.0128940

Sample Name: J3385-19 Acquired: 6/12/2018 13:58:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FS6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.790322	.1442719	.8921350
Stddev	.016185	.0008881	.0005330
%RSD	.5800482	.6155759	.0597451

#1	2.773399	.1432796	.8925785
#2	2.805652	.1449921	.8922829
#3	2.791914	.1445440	.8915437

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2469.281	2550.986	67089.77	8520.847	3303.915
Stddev	8.248	10.900	150.84	13.654	28.029
%RSD	.3340246	.4272797	.2248346	.1602468	.8483574

#1	2477.450	2555.140	67262.73	8514.672	3322.654
#2	2469.436	2538.620	67021.09	8536.499	3271.693
#3	2460.956	2559.198	66985.48	8511.372	3317.399

Sample Name: J3385-20 Acquired: 6/12/2018 14:02:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FP2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1417279	.0049543	3.223993	-.010632	.0207491	85.46449	1.369250
Stddev	.0042647	.0008158	.012881	.003333	.0012957	.23694	.002698
%RSD	3.009090	16.46557	.3995497	31.35150	6.244449	.2772437	.1970230

#1	.1434772	.0040695	3.238019	-.006809	.0205947	85.72723	1.372198
#2	.1448399	.0051171	3.212693	-.012161	.0221150	85.26701	1.368646
#3	.1368667	.0056765	3.221265	-.012927	.0195375	85.39923	1.366905

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110371	.1173266	181.8103	.0940301	.0553525	.8883093	127.4705
Stddev	.0001176	.0004810	.2524	.0002914	.0002200	.0026832	.5467
%RSD	1.065050	.4099741	.1388049	.3099062	.3974113	.3020567	.4288888

#1	.0109502	.1177951	181.8998	.0941938	.0555427	.8911751	127.9797
#2	.0111708	.1168340	182.0056	.0942028	.0554030	.8858567	126.8928
#3	.0109901	.1173509	181.5253	.0936937	.0551116	.8878961	127.5391

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.435588	52.90006	.1039278	.0168879	1.776869	.2410840	2.719226
Stddev	.000789	.40278	.0002181	.0002094	.025744	.0037103	.014556
%RSD	.0177797	.7613996	.2098292	1.239818	1.448844	1.538994	.5353042

#1	4.435688	53.24861	.1041748	.0169872	1.781514	.2453666	2.702497
#2	4.434754	52.45911	.1037619	.0166473	1.749118	.2388396	2.726181
#3	4.436322	52.99248	.1038466	.0170291	1.799974	.2390458	2.729001

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.26062	3.963604	.1851954	.0077972	12.01327	8.090011	.0267068
Stddev	.06234	.007321	.0027400	.0001410	.01374	.012333	.0019458
%RSD	.1819669	.1847043	1.479498	1.808812	.1143775	.1524427	7.285848

#1	34.31986	3.969310	.1876610	.0079131	12.02885	8.075924	.0276982
#2	34.26642	3.966152	.1822456	.0076402	12.00805	8.098857	.0279572
#3	34.19558	3.955349	.1856797	.0078383	12.00290	8.095253	.0244649

Sample Name: J3385-20 Acquired: 6/12/2018 14:02:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FP2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.415903	.0940726	.5612895
Stddev	.004498	.0006955	.0008605
%RSD	.3176459	.7392673	.1533024

#1	1.416507	.0948599	.5622285
#2	1.411134	.0938157	.5605387
#3	1.420068	.0935421	.5611014

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2539.245	2611.159	69165.20	8751.881	3485.787
Stddev	5.978	8.849	144.19	45.700	10.906
%RSD	.2354363	.3388833	.2084780	.5221745	.3128625

#1	2545.829	2603.783	69033.74	8699.232	3473.979
#2	2537.749	2620.971	69319.42	8781.292	3495.481
#3	2534.157	2608.724	69142.44	8775.120	3487.901

Sample Name: J3385-21 Acquired: 6/12/2018 14:06:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FP2D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1453531	.0032769	3.197988	-.014013	.0209860	84.93662	1.361870
Stddev	.0011533	.0029740	.002666	.002757	.0009805	.63053	.003345
%RSD	.7934157	90.75617	.0833559	19.67335	4.672045	.7423541	.2456372

#1	.1451388	.0059616	3.198414	-.012429	.0216894	84.32181	1.358342
#2	.1443220	.0000801	3.200414	-.012414	.0198661	85.58178	1.364996
#3	.1465984	.0037890	3.195135	-.017197	.0214027	84.90627	1.362274

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108056	.1163989	180.8210	.0930273	.0551935	.8852151	126.6495
Stddev	.0000930	.0002300	.3437	.0001802	.0003742	.0027105	1.6406
%RSD	.8609784	.1975560	.1900661	.1937105	.6779104	.3061943	1.295416

#1	.0107221	.1161791	180.4661	.0928702	.0553811	.8825055	125.1221
#2	.0107889	.1163798	180.8446	.0932240	.0554369	.8879265	128.3838
#3	.0109059	.1166378	181.1522	.0929877	.0547627	.8852134	126.4427

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.421435	52.44309	.1033178	.0170453	1.726204	.2410122	2.723920
Stddev	.013094	.80234	.0004317	.0004951	.180959	.0042035	.025462
%RSD	.2961493	1.529931	.4178025	2.904781	10.48304	1.744098	.9347500

#1	4.419307	51.65488	.1034861	.0164792	1.828103	.2407184	2.704468
#2	4.409535	53.25886	.1028274	.0172591	1.833237	.2453549	2.752738
#3	4.435462	52.41554	.1036400	.0173976	1.517272	.2369634	2.714554

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.90239	3.939887	.1857797	.0071827	11.94896	7.918834	.0277982
Stddev	.17167	.016614	.0033030	.0001475	.03028	.092053	.0003638
%RSD	.5063783	.4216787	1.777901	2.053707	.2534360	1.162453	1.308747

#1	33.70938	3.927200	.1832225	.0070900	11.91562	7.824685	.0276268
#2	34.03803	3.933769	.1895089	.0071052	11.95650	7.923180	.0275518
#3	33.95977	3.958692	.1846079	.0073528	11.97476	8.008636	.0282161

Sample Name: J3385-21 Acquired: 6/12/2018 14:06:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FP2D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.403075	.0923866	.5575433
Stddev	.009570	.0011368	.0011069
%RSD	.6820935	1.230512	.1985261

#1	1.394752	.0910900	.5563501
#2	1.413532	.0928571	.5577434
#3	1.400941	.0932126	.5585365

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2533.882	2640.496	69134.13	8806.800	3518.907
Stddev	9.335	7.028	435.32	52.488	4.766
%RSD	.3684005	.2661635	.6296814	.5959939	.1354384

#1	2523.252	2635.372	68722.63	8867.309	3513.735
#2	2537.650	2648.508	69089.87	8773.547	3523.122
#3	2540.744	2637.608	69589.90	8779.545	3519.864

Sample Name: J3385-22 Acquired: 6/12/2018 14:10:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FP2S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2089873	.1026673	3.238554	.0657947	.1838338	86.84504	4.721642
Stddev	.0127906	.0034380	.106703	.0057147	.0053333	.08148	.011619
%RSD	6.120295	3.348707	3.294779	8.685714	2.901173	.0938238	.2460875

#1	.2051057	.1039694	3.180386	.0593057	.1807267	86.93645	4.725635
#2	.2232691	.1052641	3.361702	.0700771	.1899921	86.78006	4.708552
#3	.1985871	.0987684	3.173575	.0680015	.1807825	86.81860	4.730738

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0921822	.2106540	178.5438	.4410318	1.037134	1.298625	126.4450
Stddev	.0002273	.0072279	.3706	.0011029	.033340	.001956	.2803
%RSD	.2465561	3.431188	.2075956	.2500770	3.214640	.1505992	.2217143

#1	.0919269	.2063815	178.7673	.4404555	1.016035	1.296460	126.4735
#2	.0922572	.2189993	178.1159	.4423035	1.075571	1.300264	126.7100
#3	.0923624	.2065812	178.7480	.4403365	1.019797	1.299151	126.1515

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.194349	51.59379	1.095229	.0910694	1.700317	1.120788	3.438025
Stddev	.006810	.15396	.036956	.0000951	.136122	.002632	.018345
%RSD	.1311115	.2984124	3.374314	.1043898	8.005689	.2348566	.5335950

#1	5.191433	51.49282	1.073548	.0910736	1.818744	1.123517	3.421782
#2	5.189482	51.77099	1.137901	.0911623	1.551602	1.120584	3.457922
#3	5.202132	51.51755	1.074238	.0909723	1.730606	1.118264	3.434372

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.49496	3.975970	.1829082	.0086730	12.00240	7.916375	.0265619
Stddev	.06237	.133724	.0021030	.0000616	.41877	.027361	.0010220
%RSD	.1862105	3.363294	1.149741	.7097072	3.489045	.3456251	3.847658

#1	33.43758	3.902460	.1809760	.0086019	11.74123	7.947080	.0257282
#2	33.48596	4.130323	.1851481	.0087096	12.48542	7.894578	.0277021
#3	33.56135	3.895127	.1826006	.0087074	11.78054	7.907467	.0262555

Sample Name: J3385-22 Acquired: 6/12/2018 14:10:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FP2S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.384668	.0930002	.5532376
Stddev	.004850	.0005796	.0000445
%RSD	.3502754	.6232509	.0080339

#1	1.385085	.0935593	.5531972
#2	1.389296	.0930390	.5532852
#3	1.379622	.0924021	.5532304

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2535.728	2591.521	69087.81	8722.607	3458.765
Stddev	15.743	56.727	142.01	8.108	97.676
%RSD	.6208320	2.188943	.2055472	.0929519	2.824010

#1	2533.292	2624.218	69219.48	8723.748	3515.467
#2	2521.345	2526.018	68937.34	8713.989	3345.979
#3	2552.546	2624.326	69106.61	8730.084	3514.848

Sample Name: J3385-20LX5 Acquired: 6/12/2018 14:14:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FP2L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0358250	.0039124	.6506960	-.002925	.0054462	19.08781	.3066778
Stddev	.0016958	.0003062	.0050533	.000249	.0011668	.08089	.0010777
%RSD	4.733629	7.827219	.7766071	8.499090	21.42454	.4237826	.3514195

#1	.0341274	.0036012	.6517410	-.002684	.0067840	19.00000	.3057279
#2	.0375190	.0039224	.6452019	-.003180	.0049159	19.15930	.3078490
#3	.0358286	.0042135	.6551452	-.002910	.0046387	19.10414	.3064564

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026960	.0234185	41.48405	.0369418	.0103029	.2050472	29.72970
Stddev	.0000390	.0001224	.12009	.0006710	.0000588	.0031153	.15634
%RSD	1.447967	.5225587	.2894774	1.816428	.5707404	1.519320	.5258563

#1	.0026829	.0232773	41.39844	.0362012	.0103304	.2064575	29.59683
#2	.0027399	.0234927	41.62132	.0375095	.0103429	.2072080	29.90196
#3	.0026651	.0234856	41.43238	.0371146	.0102353	.2014761	29.69028

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.036186	12.05081	.0312718	.0044120	.1673993	.0529578	.6206463
Stddev	.002904	.03692	.0005040	.0004300	.1310415	.0042560	.0182676
%RSD	.2802797	.3063794	1.611580	9.746085	78.28076	8.036530	2.943312

#1	1.039296	12.00991	.0308348	.0044645	.2749443	.0480452	.5996522
#2	1.033545	12.08168	.0311575	.0039581	.0214454	.0555291	.6293711
#3	1.035715	12.06085	.0318231	.0048133	.2058083	.0552992	.6329155

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.382097	.7929432	.0364705	.0032799	2.325863	1.914806	.0035599
Stddev	.045863	.0090055	.0014098	.0000225	.015840	.008684	.0010013
%RSD	.6212727	1.135707	3.865492	.6846162	.6810578	.4535272	28.12756

#1	7.330160	.7921923	.0368038	.0033034	2.322498	1.912768	.0043499
#2	7.417027	.7843367	.0376837	.0032774	2.311976	1.907323	.0038959
#3	7.399105	.8023007	.0349239	.0032587	2.343116	1.924328	.0024338

Sample Name: J3385-20LX5 Acquired: 6/12/2018 14:14:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FP2L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3229501	.0189090	.1277554
Stddev	.0035955	.0005750	.0001022
%RSD	1.113330	3.041027	.0799942

#1	.3226256	.0182705	.1276492
#2	.3266969	.0193861	.1277639
#3	.3195279	.0190703	.1278531

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2329.143	2428.649	62331.28	7686.980	3854.487
Stddev	15.042	6.961	268.78	27.099	10.996
%RSD	.6458324	.2866383	.4312080	.3525291	.2852831

#1	2345.172	2430.349	62636.85	7712.415	3863.782
#2	2315.334	2434.604	62131.44	7658.478	3857.331
#3	2326.923	2420.996	62225.56	7690.046	3842.348

Sample Name: CCV017 Acquired: 6/12/2018 14:25:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV017 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.070346	5.030669	25.14471	4.984957	5.131914	388.8237
Stddev	.030239	.008860	.10731	.018278	.028185	1.9387
%RSD	.5963905	.1761115	.4267749	.3666694	.5492194	.4986013

#1	5.091020	5.039856	25.26622	4.999205	5.156538	391.0200
#2	5.035640	5.022178	25.06292	4.964348	5.101172	387.3505
#3	5.084377	5.029973	25.10499	4.991317	5.138032	388.1006

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.32662	.5360207	2.477931	391.9172	15.61582	2.521202
Stddev	.03920	.0041497	.007235	1.5292	.05965	.012445
%RSD	.3795723	.7741740	.2919973	.3901953	.3820111	.4936227

#1	10.37176	.5395626	2.486010	393.6824	15.66457	2.535565
#2	10.30126	.5314549	2.472046	390.9920	15.63358	2.514427
#3	10.30683	.5370447	2.475738	391.0774	15.54930	2.513613

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.83130	398.8871	15.21384	411.7643	2.518737	1.220625
Stddev	.09562	3.1845	.06112	2.9889	.012640	.006642
%RSD	.6040180	.7983402	.4017715	.7258708	.5018398	.5441757

#1	15.92844	402.2627	15.28438	414.9941	2.532834	1.228263
#2	15.73727	395.9365	15.17654	409.0960	2.508413	1.217418
#3	15.82818	398.4620	15.18060	411.2029	2.514965	1.216195

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	380.8273	2.662674	15.64956	160.4205	F 6.518889	5.365726
Stddev	1.9311	.003170	.03523	.9749	.027922	.034190
%RSD	.5070781	.1190569	.2251189	.6077411	.4283268	.6371942

#1	382.9919	2.664873	15.68109	161.4965	6.515163	5.399487
#2	379.2813	2.659041	15.65606	159.5957	6.493017	5.331122
#3	380.2086	2.664109	15.61154	160.1694	6.548487	5.366570

Sample Name: CCV017 Acquired: 6/12/2018 14:25:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV017 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.016273	5.270072	5.317253	5.084664	5.280138	5.234103
Stddev	.016229	.025413	.028154	.011471	.023327	.019502
%RSD	.3235342	.4822141	.5294776	.2256090	.4417908	.3726001

#1	5.028496	5.266076	5.344841	5.097787	5.307003	5.256551
#2	4.997859	5.246894	5.288566	5.079665	5.265012	5.221333
#3	5.022462	5.297247	5.318353	5.076541	5.268399	5.224425

Elem	Sr4077
Units	ppm
Avg	5.171446
Stddev	.067251
%RSD	1.300429

#1	5.246090
#2	5.115580
#3	5.152667

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1903.679	1967.581	53200.18	6882.142	2979.186
Stddev	15.096	9.494	287.82	57.987	12.490
%RSD	.7929719	.4825160	.5410192	.8425728	.4192353

#1	1886.981	1958.165	52878.59	6821.317	2965.169
#2	1916.359	1977.151	53288.31	6936.798	2989.135
#3	1907.698	1967.428	53433.63	6888.312	2983.254

Sample Name: CCB017 Acquired: 6/12/2018 14:29:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB017 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001126	.0029332	.0012689	.0009074	.0002249	.0013304	-.002149
Stddev	.001321	.0017110	.0015647	.0033509	.0004457	.0055500	.000296
%RSD	117.2263	58.33182	123.3077	369.3027	198.1342	417.1632	13.75480

#1	-.002492	.0024093	.0028327	.0002269	.0001435	.0052666	-.002040
#2	.000144	.0015454	-.000297	-.002051	-.000174	-.005018	-.001924
#3	-.001032	.0048448	.001271	.004546	.000706	.003742	-.002484

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000370	.0000204	.0210850	-.000024	.0001949	.0027736	.0018368
Stddev	.0000122	.0000790	.0047899	.000325	.0001526	.0026406	.0114398
%RSD	32.94636	386.2826	22.71711	1375.718	78.31619	95.20731	622.7935

#1	.0000401	-.000071	.0165260	.000324	.0003557	.0054484	-.011229
#2	.0000235	.000065	.0206525	-.000321	.0000520	.0001685	.010051
#3	.0000473	.000067	.0260765	-.000073	.0001770	.0027037	.006689

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006452	.0366068	.0001196	.0007585	-.358640	-.001006	.0032188
Stddev	.0005263	.0375876	.0001314	.0001714	.228563	.001014	.0055784
%RSD	81.56982	102.6793	109.8617	22.60116	63.73040	100.7706	173.3062

#1	.0002955	.0668614	.0001903	.0008095	-.160793	.000158	.0096579
#2	.0012505	-.005471	.0002006	.0008986	-.306291	-.001698	.0001501
#3	.0003896	.048430	-.000032	.0005673	-.608836	-.001477	-.000151

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.130937	-.000911	-.002417	.0000673	-.010489	-.006079	.0002072
Stddev	.010543	.000438	.001080	.0001694	.004203	.000277	.0008190
%RSD	8.051975	48.09277	44.68376	251.8151	40.06941	4.558374	395.2768

#1	-.123870	-.001379	-.001385	-.000121	-.013175	-.006373	-.000530
#2	-.125887	-.000843	-.003540	.000208	-.005646	-.005822	.001089
#3	-.143056	-.000511	-.002328	.000115	-.012647	-.006043	.000062

Sample Name: CCB017 Acquired: 6/12/2018 14:29:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB017 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0021676	.0002048	.0000132
Stddev	.0013365	.0000517	.0000519
%RSD	61.66099	25.27127	393.5400

#1	.0008911	.0001527	.0000571
#2	.0035570	.0002055	.0000264
#3	.0020547	.0002561	-.000044

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2262.931	2350.110	60317.67	7323.033	3946.972
Stddev	2.324	20.115	383.18	31.599	41.038
%RSD	.1027157	.8559376	.6352661	.4315044	1.039737

#1	2263.739	2355.118	60744.41	7295.530	3960.349
#2	2260.311	2367.248	60003.09	7357.550	3979.653
#3	2264.744	2327.963	60205.52	7316.020	3900.915

Sample Name: PB110115BL Acquired: 6/12/2018 14:33:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) 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	.0015717	.0027175	.0016568	.0022661	.0001374	-.014353	-.002232
Stddev	.0014870	.0019282	.0008695	.0017016	.0010226	.004931	.000603
%RSD	94.60966	70.95678	52.47874	75.09006	744.0912	34.35377	27.03406

#1	-.000042	.0013298	.0025368	.0042225	-.000576	-.011122	-.001776
#2	.001870	.0019034	.0016355	.0014447	-.000321	-.020028	-.002916
#3	.002887	.0049192	.0007982	.0011310	.001309	-.011908	-.002004

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000298	-.000050	.0148732	-.000371	.0000110	.0006997	-.010377
Stddev	.0000381	.000031	.0104375	.000199	.0001808	.0020585	.009184
%RSD	127.9377	60.68736	70.17676	53.65701	1640.809	294.1896	88.50668

#1	.0000702	-.000032	.0039752	-.000579	-.000187	.0029751	-.017087
#2	-.000005	-.000086	.0158650	-.000182	.000054	-.001033	.000090
#3	.000024	-.000033	.0247794	-.000353	.000167	.000157	-.014133

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000169	.0179813	-.000048	.0002740	-.237476	-.002248	.0068288
Stddev	.000917	.0468788	.000520	.0003977	.148257	.000355	.0012857
%RSD	543.1394	260.7088	1087.559	145.1420	62.43054	15.81317	18.82835

#1	-.000499	.0498975	.000553	.0000067	-.111225	-.001990	.0074547
#2	.000867	.0398866	-.000358	.0000842	-.200472	-.002653	.0076817
#3	-.000875	-.035840	-.000338	.0007310	-.400730	-.002100	.0053499

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.167503	-.001001	-.005928	-.000098	-.010442	-.006339	-.000051
Stddev	.029920	.000133	.001460	.000304	.002208	.000373	.000702
%RSD	17.86243	13.32802	24.62194	309.3142	21.14607	5.876553	1385.777

#1	-.173920	-.001140	-.007611	-.000193	-.009983	-.006769	.000503
#2	-.193693	-.000874	-.005168	-.000344	-.008500	-.006145	.000185
#3	-.134895	-.000989	-.005006	.000242	-.012844	-.006104	-.000840

Sample Name: PB110115BL Acquired: 6/12/2018 14:33:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) 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	.0008812	-.000667	-.000110
Stddev	.0000643	.001287	.000051
%RSD	7.291747	192.8955	46.59051

#1	.0009436	.000752	-.000164
#2	.0008847	-.001760	-.000105
#3	.0008152	-.000994	-.000062

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2290.599	2354.885	61023.02	7384.917	3954.681
Stddev	14.688	55.411	370.58	6.229	97.208
%RSD	.6412475	2.353038	.6072854	.0843516	2.458041

#1	2302.768	2291.060	61389.42	7381.790	3843.429
#2	2274.283	2390.700	60648.39	7380.870	4023.218
#3	2294.744	2382.894	61031.27	7392.090	3997.395

Sample Name: PB110115BS Acquired: 6/12/2018 14:38:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) 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	.0156072	.0496202	.0188607	.0660657	.1104300	.3635666
Stddev	.0023899	.0010584	.0017646	.0039162	.0029491	.0028184
%RSD	15.31311	2.133039	9.355868	5.927752	2.670581	.7751967

#1	.0132151	.0489360	.0203055	.0684486	.1118076	.3626585
#2	.0156115	.0508393	.0193826	.0682027	.1124382	.3667270
#3	.0179949	.0490853	.0168941	.0615459	.1070442	.3613142

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3763669	.0099839	.0089959	9.493087	.0202330	.0891028
Stddev	.0009422	.0001098	.0001967	.049537	.0004523	.0020833
%RSD	.2503455	1.100123	2.186097	.5218186	2.235251	2.338124

#1	.3774486	.0100360	.0091809	9.533455	.0201590	.0905473
#2	.3759268	.0098577	.0090176	9.507999	.0198223	.0900465
#3	.3757253	.0100579	.0087893	9.437807	.0207177	.0867146

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0521168	.2171599	.0307041	9.545087	.0745151	.0182171
Stddev	.0012353	.0299440	.0010311	.129446	.0018856	.0003468
%RSD	2.370147	13.78893	3.358212	1.356152	2.530505	1.903943

#1	.0527709	.2515795	.0310713	9.456231	.0757066	.0184470
#2	.0506921	.2027975	.0315014	9.485425	.0754976	.0183863
#3	.0528874	.1971025	.0295397	9.693605	.0723411	.0178182

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.883766	.1035647	.1116435	9.110867	F .0033611	F .0140157
Stddev	.117791	.0044848	.0038685	.035438	.0000958	.0018217
%RSD	1.325911	4.330474	3.465035	.3889696	2.849692	12.99784

#1	8.798146	.1009089	.1072780	9.112106	.0034661	.0153344
#2	8.835052	.1010424	.1146459	9.074824	.0033386	.0119370
#3	9.018100	.1087428	.1130066	9.145669	.0032786	.0147758

Sample Name: PB110115BS Acquired: 6/12/2018 14:38:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) 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	.0189132	.1479395	.1871445	F .0119420	.2004999	.0891220
Stddev	.0004511	.0046070	.0018122	.0005947	.0013954	.0006125
%RSD	2.385383	3.114121	.9683396	4.980203	.6959727	.6872951

#1	.0191482	.1494421	.1883846	.0123135	.2009661	.0891057
#2	.0191982	.1516076	.1850648	.0122563	.1989311	.0885177
#3	.0183930	.1427688	.1879841	.0112560	.2016026	.0897425

Elem	Sr4077
Units	ppm
Avg	.1932167
Stddev	.0005501
%RSD	.2846981

#1	.1930968
#2	.1938168
#3	.1927364

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2265.554	2388.726	60086.91	7325.464	3986.478
Stddev	13.104	48.595	347.13	36.956	87.492
%RSD	.5784142	2.034331	.5777086	.5044838	2.194717

#1	2254.897	2358.008	59872.90	7282.878	3926.926
#2	2261.579	2363.419	59900.40	7349.122	3945.579
#3	2280.185	2444.751	60487.42	7344.391	4086.930

Sample Name: J3382-01 Acquired: 6/12/2018 14:42:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G29 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1914379	.0067304	1.161005	-.025854	.0096632	86.14884	1.065365
Stddev	.0042861	.0017671	.005076	.001867	.0014384	.11381	.000968
%RSD	2.238922	26.25566	.4372328	7.222235	14.88576	.1321045	.0908695

#1	.1916536	.0063091	1.162181	-.027177	.0083590	86.05722	1.064672
#2	.1956122	.0086702	1.155444	-.026667	.0094245	86.11307	1.066471
#3	.1870480	.0052121	1.165390	-.023718	.0112060	86.27624	1.064952

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076492	.0477754	30.87990	.1309344	.0898915	.7216962	189.9832
Stddev	.0000493	.0001468	.06461	.0007157	.0002842	.0038011	.5788
%RSD	.6440409	.3073148	.2092234	.5466410	.3161574	.5266880	.3046654

#1	.0076866	.0477061	30.91167	.1303101	.0899919	.7175776	190.0489
#2	.0076676	.0476761	30.92248	.1317156	.0895708	.7224417	189.3743
#3	.0075934	.0479441	30.80556	.1307775	.0901119	.7250693	190.5263

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.030518	47.52787	.1002147	.0005004	.7516196	.3759544	1.369973
Stddev	.022359	.17142	.0011498	.0001161	.1271462	.0014123	.015390
%RSD	.4444591	.3606739	1.147381	23.20023	16.91630	.3756670	1.123358

#1	5.045224	47.68573	.1013603	.0005686	.6143072	.3750785	1.353813
#2	5.041543	47.34552	.0990607	.0003663	.7752741	.3775837	1.384456
#3	5.004788	47.55234	.1002231	.0005663	.8652774	.3752010	1.371649

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.10235	1.051612	.1026413	.0068752	1.982799	3.521424	.0131260
Stddev	.07797	.008068	.0023772	.0003780	.019440	.022289	.0010945
%RSD	.2221092	.7672011	2.316028	5.497505	.9804485	.6329588	8.338781

#1	35.19235	1.048563	.1031569	.0071980	1.967461	3.540892	.0124831
#2	35.05547	1.045514	.1000486	.0069682	1.976272	3.497111	.0125052
#3	35.05924	1.060761	.1047184	.0064594	2.004662	3.526270	.0143898

Sample Name: J3382-01 Acquired: 6/12/2018 14:42:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G29 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.757726	.1105890	.3602363
Stddev	.010473	.0008410	.0004482
%RSD	.2201240	.7604822	.1244210

#1	4.754207	.1111194	.3607338
#2	4.749466	.1096194	.3601111
#3	4.769505	.1110284	.3598640

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2593.615	2690.948	68985.88	8632.179	3750.742
Stddev	15.250	4.534	166.56	60.752	7.846
%RSD	.5879944	.1684863	.2414336	.7037850	.2091737

#1	2582.917	2693.479	69095.21	8563.701	3752.757
#2	2586.851	2693.652	68794.19	8653.230	3757.384
#3	2611.078	2685.714	69068.24	8679.605	3742.086

Sample Name: J3382-02 Acquired: 6/12/2018 14:46:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2354287	.0027838	1.472984	-.037160	.0126309	125.8471	1.559424
Stddev	.0012097	.0019646	.030513	.000525	.0008163	1.8164	.026270
%RSD	.5138426	70.57267	2.071526	1.413706	6.463055	1.443312	1.684596

#1	.2363131	.0022362	1.490521	-.036768	.0135678	123.7738	1.529896
#2	.2359228	.0011511	1.490680	-.037757	.0120726	126.6096	1.568171
#3	.2340501	.0049641	1.437750	-.036955	.0122523	127.1579	1.580204

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114544	.0500680	48.03135	.1800389	.1432827	.8155533	254.4461
Stddev	.0002260	.0011905	.92282	.0007550	.0039634	.0146033	3.0487
%RSD	1.972677	2.377785	1.921295	.4193803	2.766138	1.790607	1.198187

#1	.0112537	.0509213	47.02386	.1809044	.1460703	.7995786	250.9262
#2	.0114103	.0505748	48.23454	.1795150	.1450323	.8188646	256.1602
#3	.0116991	.0487079	48.83565	.1796974	.1387456	.8282166	256.2521

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.253291	72.14474	.1714846	-.001383	1.197449	.5198192	1.649204
Stddev	.170197	.90960	.0036701	.000768	.055039	.0037936	.018920
%RSD	2.346486	1.260802	2.140209	55.52896	4.596384	.7297942	1.147229

#1	7.066934	71.09614	.1745923	-.001991	1.194659	.5159110	1.668150
#2	7.292426	72.72108	.1724259	-.001638	1.143858	.5200597	1.630310
#3	7.400512	72.61700	.1674354	-.000520	1.253830	.5234868	1.649152

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	50.66948	1.340460	.1257187	.0077811	1.930904	3.590793	.0206682
Stddev	.76267	.029113	.0022554	.0002328	.031032	.062705	.0002529
%RSD	1.505184	2.171899	1.793981	2.992003	1.607102	1.746276	1.223762

#1	49.79053	1.362074	.1281552	.0079422	1.953957	3.518877	.0206506
#2	51.06141	1.351951	.1237039	.0078869	1.943135	3.619471	.0209295
#3	51.15649	1.307355	.1252970	.0075141	1.895621	3.634031	.0204246

Sample Name: J3382-02 Acquired: 6/12/2018 14:46:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0G30 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.501660	.1852782	.3727404
Stddev	.123459	.0036229	.0067435
%RSD	1.645749	1.955393	1.809158

#1	7.361966	.1814931	.3651214
#2	7.546886	.1856280	.3751579
#3	7.596127	.1887136	.3779418

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2732.251	2869.031	73008.95	9290.639	3680.545
Stddev	22.074	44.502	300.39	131.909	71.723
%RSD	.8079106	1.551101	.4114411	1.419801	1.948716

#1	2707.784	2834.587	72662.50	9442.529	3628.005
#2	2738.294	2853.228	73167.49	9204.847	3651.373
#3	2750.674	2919.277	73196.85	9224.541	3762.258

Sample Name: J3382-03 Acquired: 6/12/2018 14:50:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G31 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1890996	.0026050	1.077937	-.026283	.0100958	89.31881	.9515379
Stddev	.0019493	.0023298	.006502	.000765	.0017524	.42065	.0014658
%RSD	1.030835	89.43668	.6031635	2.912539	17.35741	.4709486	.1540436

#1	.1888423	.0039671	1.070966	-.026472	.0086599	89.68855	.9498700
#2	.1872917	.0039330	1.079009	-.026936	.0120485	88.86115	.9521226
#3	.1911647	-.000085	1.083836	-.025440	.0095791	89.40673	.9526212

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080169	.0350420	33.33102	.1633200	.0951477	.6607727	202.0052
Stddev	.0000898	.0001403	.07038	.0003805	.0009878	.0011201	2.3368
%RSD	1.119510	.4003449	.2111661	.2329961	1.038148	.1695124	1.156813

#1	.0080552	.0348847	33.28963	.1629088	.0940326	.6620164	204.3463
#2	.0079143	.0350872	33.29113	.1636597	.0954976	.6604581	199.6727
#3	.0080811	.0351542	33.41228	.1633916	.0959128	.6598435	201.9967

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.365821	49.07410	.1176640	-.001339	1.145447	.4238791	1.267810
Stddev	.025103	.55279	.0005597	.000377	.135197	.0063218	.004428
%RSD	.4678283	1.126449	.4756624	28.18138	11.80302	1.491410	.3492489

#1	5.337880	49.52135	.1182709	-.000908	1.136161	.4301980	1.272460
#2	5.373111	48.45606	.1175529	-.001499	1.285048	.4175545	1.263644
#3	5.386471	49.24487	.1171682	-.001610	1.015132	.4238847	1.267326

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.17738	.9966131	.1041010	.0077780	1.148808	4.071966	.0119069
Stddev	.04274	.0066087	.0014835	.0002660	.008177	.039124	.0016059
%RSD	.1288200	.6631172	1.425058	3.419984	.7117746	.9608115	13.48686

#1	33.21211	.9890144	.1051135	.0074711	1.140366	4.107090	.0100811
#2	33.12965	.9998038	.1023981	.0079191	1.156692	4.029799	.0125391
#3	33.19039	1.001021	.1047914	.0079437	1.149366	4.079010	.0131004

Sample Name: J3382-03 Acquired: 6/12/2018 14:50:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G31 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.756164	.1182749	.2616543
Stddev	.027871	.0007791	.0006683
%RSD	.5859937	.6587022	.2554012

#1	4.779930	.1180646	.2609378
#2	4.725488	.1176225	.2622606
#3	4.763073	.1191375	.2617644

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2556.434	2673.889	68703.21	8545.779	3715.530
Stddev	4.666	8.980	86.83	73.752	11.171
%RSD	.1825139	.3358253	.1263820	.8630247	.3006630

#1	2556.805	2681.148	68798.90	8516.470	3722.747
#2	2551.594	2676.672	68629.46	8629.680	3721.180
#3	2560.903	2663.848	68681.26	8491.186	3702.662

Sample Name: J3382-04 Acquired: 6/12/2018 14:54:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0G32 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2676632	.0000054	1.247431	-.043484	.0115649	122.5872	1.598946
Stddev	.0070564	.0026032	.049219	.000557	.0019122	.7747	.004949
%RSD	2.636315	47966.01	3.945610	1.280523	16.53448	.6319577	.3095109

#1	.2599499	.0028906	1.213537	-.042904	.0128887	123.4662	1.604573
#2	.2737942	-.002168	1.303886	-.043532	.0124334	122.2915	1.596995
#3	.2692454	-.000707	1.224868	-.044015	.0093726	122.0038	1.595270

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111939	.0494520	44.18865	.1634378	.1540508	.6739755	266.7024
Stddev	.0000540	.0023986	.08909	.0007005	.0080956	.0025611	2.9165
%RSD	.4824959	4.850367	.2016116	.4285703	5.255156	.3800036	1.093533

#1	.0111371	.0477585	44.18311	.1635199	.1481570	.6710187	269.9089
#2	.0112445	.0521967	44.10246	.1640935	.1632815	.6754063	265.9906
#3	.0112002	.0484007	44.28038	.1626999	.1507139	.6755016	264.2077

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.659128	68.50148	.1756963	-.003413	1.126616	.5159747	1.857725
Stddev	.022143	.72835	.0074789	.000234	.060929	.0014408	.025357
%RSD	.2891014	1.063260	4.256715	6.864824	5.408163	.2792404	1.364933

#1	7.648322	69.31267	.1713657	-.003242	1.057630	.5173469	1.871809
#2	7.684599	68.28816	.1843322	-.003317	1.149150	.5144739	1.872913
#3	7.644464	67.90360	.1713911	-.003680	1.173069	.5161034	1.828452

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	52.05968	1.498633	.1281385	.0091586	1.446652	4.804909	.0210084
Stddev	.08773	.064120	.0117414	.0002496	.060370	.029493	.0014660
%RSD	.1685178	4.278533	9.163025	2.724957	4.173051	.6138078	6.978314

#1	52.10782	1.457244	.1413097	.0090221	1.410770	4.785514	.0226798
#2	52.11280	1.572493	.1187690	.0090071	1.516350	4.838849	.0199402
#3	51.95842	1.466162	.1243370	.0094467	1.412834	4.790363	.0204053

Sample Name: J3382-04 Acquired: 6/12/2018 14:54:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G32 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.344749	.1852312	.3759650
Stddev	.062866	.0015868	.0013031
%RSD	.7533547	.8566371	.3465970

#1	8.415350	.1861009	.3769081
#2	8.324063	.1861929	.3765088
#3	8.294832	.1833997	.3744781

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2718.654	2772.170	72939.50	9144.016	3533.867
Stddev	14.214	71.507	453.65	20.149	122.778
%RSD	.5228203	2.579473	.6219519	.2203502	3.474310

#1	2703.767	2817.254	72804.42	9121.414	3615.245
#2	2720.114	2689.721	72568.74	9150.539	3392.642
#3	2732.082	2809.535	73445.35	9160.096	3593.715

Sample Name: J3382-05 Acquired: 6/12/2018 14:58:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G33 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3637691	.0035626	1.634254	-.035615	.0137427	134.5867	1.497697
Stddev	.0043169	.0025641	.005217	.002674	.0004554	.5271	.005205
%RSD	1.186709	71.97186	.3192404	7.508247	3.313822	.3916738	.3475308

#1	.3602406	.0037754	1.629943	-.036171	.0132912	134.5166	1.500551
#2	.3685826	.0008988	1.640054	-.037967	.0137349	134.0982	1.491689
#3	.3624840	.0060136	1.632767	-.032707	.0142020	135.1454	1.500850

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0121034	.0575137	41.22406	.1846485	.1448471	.7734385	260.0636
Stddev	.0000732	.0002459	.12043	.0004491	.0003742	.0040805	1.4791
%RSD	.6045223	.4275718	.2921360	.2432082	.2583658	.5275742	.5687357

#1	.0121400	.0572346	41.20151	.1846670	.1448575	.7754299	258.7048
#2	.0121511	.0576987	41.11650	.1841905	.1444678	.7687447	259.8469
#3	.0120192	.0576078	41.35417	.1850881	.1452160	.7761409	261.6390

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.446973	68.63148	.1755718	-.001485	1.085479	.5108141	1.816672
Stddev	.014463	.56312	.0003809	.000367	.007979	.0023423	.017678
%RSD	.1942193	.8205033	.2169651	24.74439	.7350241	.4585449	.9731000

#1	7.463005	68.30979	.1753654	-.001759	1.090186	.5101703	1.810122
#2	7.443008	68.30294	.1760113	-.001628	1.089985	.5088610	1.803203
#3	7.434905	69.28171	.1753386	-.001067	1.076267	.5134110	1.836690

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	51.43912	1.230079	.1284431	.0076293	1.624668	3.268839	.0185823
Stddev	.14033	.006041	.0036715	.0002054	.003848	.008437	.0005627
%RSD	.2728114	.4911160	2.858467	2.692493	.2368713	.2581002	3.028383

#1	51.41252	1.223485	.1284839	.0075074	1.628198	3.267911	.0192064
#2	51.31399	1.231405	.1247513	.0078664	1.620565	3.277701	.0184268
#3	51.59085	1.235347	.1320940	.0075139	1.625241	3.260904	.0181136

Sample Name: J3382-05 Acquired: 6/12/2018 14:58:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0G33 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.290479	.1714875	.3788766
Stddev	.033796	.0007259	.0006156
%RSD	.5372569	.4232803	.1624729

#1	6.272336	.1720502	.3791013
#2	6.269630	.1706682	.3793483
#3	6.329472	.1717441	.3781803

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2725.646	2836.318	73149.68	9232.485	3599.074
Stddev	23.344	3.018	324.09	20.588	7.245
%RSD	.8564514	.1063880	.4430509	.2229979	.2012990

#1	2736.776	2836.250	73394.29	9241.866	3607.065
#2	2741.341	2839.370	73272.66	9246.712	3597.224
#3	2698.819	2833.336	72782.10	9208.877	3592.934

Sample Name: J3382-06 Acquired: 6/12/2018 15:02:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G34 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2602244	.0039882	1.605550	-.026247	.0156646	101.9802	1.214988
Stddev	.0056384	.0044625	.005761	.003602	.0029544	5.2183	.060724
%RSD	2.166743	111.8923	.3588335	13.72321	18.86023	5.116925	4.997915

#1	.2551363	.0091361	1.599409	-.028793	.0189571	98.6118	1.173583
#2	.2592507	.0016095	1.606404	-.022126	.0132450	107.9911	1.284697
#3	.2662863	.0012190	1.610837	-.027824	.0147917	99.3376	1.186684

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090998	.0675535	37.60660	.1506167	.1046449	.9228299	216.2807
Stddev	.0003970	.0006937	1.89150	.0007535	.0008441	.0467055	11.2903
%RSD	4.362316	1.026831	5.029693	.5002862	.8066497	5.061118	5.220190

#1	.0088205	.0677071	36.09815	.1511933	.1048346	.8910632	208.9209
#2	.0095542	.0667959	39.72874	.1497641	.1037221	.9764566	229.2796
#3	.0089246	.0681575	36.99292	.1508928	.1053781	.9009699	210.6415

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.742157	54.28580	.1193637	.0020065	1.119630	.4405153	1.651374
Stddev	.301269	3.05098	.0003567	.0011124	.233348	.0197496	.024612
%RSD	5.246620	5.620215	.2988646	55.44029	20.84155	4.483305	1.490385

#1	5.523991	52.30745	.1193784	.0013154	.852160	.4279045	1.651119
#2	6.085901	57.79947	.1189998	.0032897	1.281584	.4632759	1.676112
#3	5.616579	52.75049	.1197128	.0014143	1.225145	.4303654	1.626891

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.59020	1.258696	.1135857	.0069884	2.484661	3.589580	.0180497
Stddev	2.15773	.009594	.0107202	.0002236	.017190	.154212	.0022367
%RSD	5.066253	.7621882	9.437972	3.199449	.6918253	4.296110	12.39178

#1	41.05272	1.253879	.1120071	.0072278	2.473874	3.464733	.0191647
#2	45.05685	1.252465	.1250076	.0067850	2.475625	3.761964	.0195097
#3	41.66103	1.269744	.1037423	.0069523	2.504484	3.542042	.0154747

Sample Name: J3382-06 Acquired: 6/12/2018 15:02:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0G34 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.706937	.1351516	.3246848
Stddev	.288369	.0071756	.0164850
%RSD	5.052954	5.309270	5.077234

#1	5.513402	.1299572	.3143059
#2	6.038363	.1433392	.3436932
#3	5.569046	.1321585	.3160553

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2628.896	2733.865	70484.32	8604.085	3680.687
Stddev	9.998	9.990	118.36	351.539	10.945
%RSD	.3803165	.3653985	.1679172	4.085723	.2973509

#1	2635.689	2733.662	70425.48	8890.050	3682.696
#2	2617.415	2743.955	70406.91	8211.608	3690.488
#3	2633.583	2723.979	70620.56	8710.598	3668.877

Sample Name: J3382-07 Acquired: 6/12/2018 15:06:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G35 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1429168	.0041536	.6344038	-.031218	.0072608	94.54708	1.101669
Stddev	.0037709	.0026248	.0016166	.001051	.0016531	.20135	.003906
%RSD	2.638557	63.19375	.2548238	3.365554	22.76710	.2129580	.3545265

#1	.1416337	.0052565	.6358670	-.030304	.0054781	94.77266	1.106158
#2	.1399548	.0060469	.6346759	-.030983	.0087431	94.48303	1.099794
#3	.1471619	.0011573	.6326684	-.032366	.0075612	94.38555	1.099054

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087049	.0231389	53.31912	.1448126	.0935846	.5378602	217.7430
Stddev	.0000850	.0000355	.16625	.0013337	.0007660	.0041764	.1997
%RSD	.9759382	.1533336	.3117936	.9210074	.8184674	.7764782	.0916927

#1	.0088018	.0231553	53.49138	.1436272	.0938880	.5419392	217.7982
#2	.0086696	.0230982	53.15962	.1445539	.0927134	.5335929	217.9092
#3	.0086433	.0231633	53.30635	.1462567	.0941523	.5380485	217.5216

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.331517	61.93215	.1277955	-.002567	1.604184	.4554245	1.501507
Stddev	.015842	.17037	.0001860	.000344	.209942	.0019464	.019138
%RSD	.2971336	.2750928	.1455577	13.40715	13.08715	.4273776	1.274609

#1	5.349775	61.76551	.1280101	-.002362	1.665825	.4552814	1.479738
#2	5.323358	61.92492	.1276800	-.002376	1.370322	.4535537	1.515687
#3	5.321419	62.10602	.1276964	-.002965	1.776405	.4574385	1.509096

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.70014	1.134748	.1095592	.0066489	1.291362	4.023643	.0120608
Stddev	.08955	.002645	.0059625	.0001426	.006727	.046594	.0008997
%RSD	.2738393	.2331112	5.442228	2.143915	.5208884	1.158009	7.459834

#1	32.80297	1.132089	.1033960	.0065066	1.283679	4.069844	.0118294
#2	32.63936	1.137379	.1152983	.0066484	1.294220	3.976666	.0112994
#3	32.65808	1.134776	.1099833	.0067917	1.296188	4.024419	.0130536

Sample Name: J3382-07 Acquired: 6/12/2018 15:06:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G35 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.983050	.1448266	.3596948
Stddev	.007278	.0007929	.0011750
%RSD	.1460552	.5475140	.3266544

#1	4.987633	.1443026	.3610500
#2	4.986858	.1457388	.3589627
#3	4.974658	.1444382	.3590716

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2501.515	2618.199	67530.22	8444.498	3626.889
Stddev	5.976	5.535	311.33	42.938	9.760
%RSD	.2388820	.2113937	.4610234	.5084744	.2690995

#1	2507.293	2621.954	67859.34	8396.310	3632.650
#2	2495.359	2620.800	67490.92	8478.697	3632.397
#3	2501.892	2611.843	67240.41	8458.488	3615.620

Sample Name: J3382-08 Acquired: 6/12/2018 15:10:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G36 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1778725	.0041359	1.178835	-.026128	.0077858	92.27492	1.067619
Stddev	.0041429	.0060372	.003716	.002681	.0017065	.24601	.000194
%RSD	2.329158	145.9703	.3152251	10.25939	21.91765	.2666002	.0181539

#1	.1733075	.0029733	1.174633	-.023323	.0059248	92.19552	1.067832
#2	.1789163	-.001235	1.181688	-.028664	.0092771	92.55083	1.067453
#3	.1813937	.010670	1.180185	-.026398	.0081555	92.07843	1.067572

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085925	.0403848	36.44859	.1168026	.0976107	.5874244	186.8666
Stddev	.0000950	.0000942	.06712	.0005043	.0002289	.0054116	1.2236
%RSD	1.105446	.2333258	.1841389	.4317684	.2345367	.9212472	.6548185

#1	.0087021	.0404928	36.43561	.1163849	.0974980	.5913443	186.1898
#2	.0085382	.0403190	36.52124	.1173628	.0978741	.5896790	188.2791
#3	.0085370	.0403426	36.38891	.1166600	.0974599	.5812500	186.1308

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.502650	51.75247	.1173040	.0009888	.9376692	.3601384	2.386168
Stddev	.013320	.45690	.0002963	.0006379	.0364155	.0042070	.028320
%RSD	.2048351	.8828624	.2525563	64.51210	3.883623	1.168170	1.186837

#1	6.487508	51.51149	.1169632	.0010226	.9575491	.3590213	2.379039
#2	6.507888	52.27942	.1174490	.0016091	.9598179	.3647913	2.417372
#3	6.512555	51.46650	.1174998	.0003347	.8956406	.3566028	2.362094

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.81870	.9217060	.0982682	.0081456	1.829962	4.333593	.0135732
Stddev	.10388	.0034828	.0044115	.0004518	.003008	.008755	.0008575
%RSD	.2983452	.3778682	4.489232	5.546933	.1643552	.2020235	6.317711

#1	34.93812	.9245571	.0938448	.0077755	1.832925	4.343615	.0127296
#2	34.74922	.9178241	.1026677	.0080122	1.826911	4.329729	.0135461
#3	34.76876	.9227367	.0982923	.0086491	1.830050	4.327435	.0144440

Sample Name: J3382-08 Acquired: 6/12/2018 15:10:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0G36 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.237735	.1274286	.3032074
Stddev	.014033	.0003287	.0007880
%RSD	.2679208	.2579753	.2598815

#1	5.223291	.1277408	.3030128
#2	5.251318	.1274593	.3025350
#3	5.238595	.1270855	.3040745

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2555.586	2658.595	68631.17	8553.039	3688.492
Stddev	3.689	7.818	45.42	12.983	6.277
%RSD	.1443352	.2940577	.0661811	.1517997	.1701647

#1	2554.362	2666.970	68667.37	8538.087	3695.461
#2	2552.664	2657.325	68580.20	8561.465	3686.732
#3	2559.730	2651.490	68645.93	8559.565	3683.284

Sample Name: J3382-09 Acquired: 6/12/2018 15:14:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G37 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1670378	.0086086	1.423257	-.031608	.0093995	60.44427	.7501124
Stddev	.0073323	.0036583	.024315	.002504	.0011512	1.95772	.0213845
%RSD	4.389627	42.49611	1.708424	7.921462	12.24794	3.238881	2.850834

#1	.1596161	.0045072	1.410076	-.032402	.0106432	59.16138	.7383608
#2	.1672197	.0097833	1.408379	-.033618	.0083711	59.47379	.7371808
#3	.1742774	.0115352	1.451317	-.028803	.0091842	62.69764	.7747956

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060431	.0585489	27.11435	.3389063	.0692876	1.333956	254.9821
Stddev	.0001568	.0005645	.78789	.0009646	.0009271	.043687	9.5820
%RSD	2.595094	.9642022	2.905790	.2846243	1.338048	3.275021	3.757895

#1	.0059347	.0583435	26.65941	.3379765	.0686784	1.304266	248.3507
#2	.0059715	.0581157	26.65952	.3399023	.0688298	1.313482	250.6277
#3	.0062229	.0591873	28.02413	.3388403	.0703545	1.384121	265.9681

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.921253	36.80004	.1593374	.0011056	1.173575	.3169749	3.160693
Stddev	.204224	1.42956	.0024321	.0008015	.058334	.0115659	.079796
%RSD	2.950677	3.884667	1.526379	72.50094	4.970651	3.648837	2.524646

#1	6.820750	35.83433	.1587942	.0003426	1.237505	.3094960	3.071819
#2	6.786756	36.12351	.1572228	.0010332	1.123236	.3111321	3.184074
#3	7.156252	38.44229	.1619952	.0019408	1.159983	.3302966	3.226188

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.45661	.8146503	.1306678	.0200761	1.605814	4.189284	.0226723
Stddev	.87525	.0144534	.0146907	.0003265	.032423	.100856	.0009150
%RSD	2.873773	1.774184	11.24280	1.626094	2.019127	2.407479	4.035564

#1	29.96205	.8072789	.1155121	.0198491	1.582761	4.151614	.0216163
#2	29.94059	.8053688	.1316468	.0199290	1.591794	4.112685	.0232264
#3	31.46719	.8313031	.1448446	.0204503	1.642888	4.303553	.0231743

Sample Name: J3382-09 Acquired: 6/12/2018 15:14:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0G37 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.550166	.0987568	.1952754
Stddev	.155101	.0024920	.0053499
%RSD	3.408681	2.523354	2.739690

#1	4.449983	.0970762	.1920568
#2	4.471694	.0975743	.1923182
#3	4.728822	.1016199	.2014511

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2438.702	2539.320	65932.40	8007.133	3769.048
Stddev	7.497	22.563	197.19	192.129	44.019
%RSD	.3074179	.8885532	.2990812	2.399475	1.167904

#1	2446.650	2551.460	65839.35	8084.430	3794.392
#2	2437.700	2553.214	66158.89	8148.575	3794.531
#3	2431.757	2513.286	65798.94	7788.395	3718.219

Sample Name: J3382-10 Acquired: 6/12/2018 15:18:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0G39 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1443205	.0057652	1.225349	-.026891	.0079599	63.86918	.7841238
Stddev	.0076156	.0022807	.085379	.006721	.0009915	.14748	.0030208
%RSD	5.276835	39.55895	6.967740	24.99396	12.45551	.2309145	.3852472

#1	.1376838	.0039954	1.178633	-.026742	.0079576	63.79343	.7806727
#2	.1426427	.0083390	1.173523	-.020245	.0069696	64.03915	.7854099
#3	.1526351	.0049612	1.323892	-.033685	.0089525	63.77498	.7862887

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059274	.0300401	32.40158	.1252607	.0779834	.6306781	170.8550
Stddev	.0001016	.0027189	.06955	.0006820	.0061989	.0034510	.9314
%RSD	1.714568	9.050768	.2146465	.5444815	7.948993	.5471921	.5451330

#1	.0059096	.0284806	32.36570	.1245384	.0746885	.6267082	170.8394
#2	.0060368	.0284602	32.35730	.1258936	.0741278	.6323649	171.7941
#3	.0058359	.0331796	32.48174	.1253501	.0851339	.6329614	169.9315

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.267261	39.18800	.0844849	.0003495	.8662048	.3585247	1.858080
Stddev	.015160	.19414	.0060807	.0002075	.1615533	.0054554	.012023
%RSD	.2878160	.4953951	7.197367	59.35749	18.65070	1.521635	.6470570

#1	5.249765	39.24601	.0813918	.0005304	.6976404	.3634547	1.871745
#2	5.275514	39.34651	.0805726	.0001230	.8812844	.3594557	1.849125
#3	5.276505	38.97147	.0914903	.0003952	1.019690	.3526636	1.853369

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.77571	1.026444	.0879780	.0083879	1.842810	3.258010	.0139473
Stddev	.03609	.067134	.0037139	.0005129	.121474	.009198	.0001255
%RSD	.1399979	6.540450	4.221368	6.115095	6.591760	.2823256	.8995437

#1	25.78484	.983633	.0888262	.0081997	1.766399	3.247391	.0140031
#2	25.80636	.991882	.0911944	.0079957	1.779147	3.263491	.0140352
#3	25.73594	1.103817	.0839134	.0089684	1.982882	3.263148	.0138037

Sample Name: J3382-10 Acquired: 6/12/2018 15:18:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G39 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.189747	.0965014	.2270238
Stddev	.015903	.0011408	.0008101
%RSD	.3795786	1.182172	.3568209

#1	4.184059	.0960971	.2260925
#2	4.207712	.0977892	.2275656
#3	4.177469	.0956177	.2274132

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2557.880	2576.885	68406.53	8526.786	3633.191
Stddev	10.712	131.545	249.15	16.117	218.510
%RSD	.4187744	5.104823	.3642223	.1890195	6.014262

#1	2556.630	2647.839	68676.06	8525.120	3752.582
#2	2569.162	2657.718	68358.91	8511.566	3765.995
#3	2547.848	2425.096	68184.63	8543.671	3380.997

Sample Name: J3382-11 Acquired: 6/12/2018 15:22:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G40 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1085654	.0038466	.6792399	-.026784	.0071519	75.94667	.8583166
Stddev	.0054002	.0021357	.0017029	.003499	.0019865	.37576	.0024096
%RSD	4.974123	55.52207	.2507139	13.06497	27.77522	.4947669	.2807405

#1	.1111298	.0014711	.6784911	-.025027	.0067209	75.59765	.8555571
#2	.1023608	.0056079	.6780396	-.030814	.0054164	75.89796	.8593877
#3	.1122055	.0044607	.6811889	-.024511	.0093185	76.34441	.8600049

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064820	.0176794	74.56642	.1639243	.0782812	.6536135	205.4094
Stddev	.0000678	.0001653	.31421	.0012468	.0001300	.0043321	1.6117
%RSD	1.045432	.9351841	.4213760	.7606153	.1661119	.6627967	.7846107

#1	.0064154	.0177899	74.42556	.1636767	.0781835	.6486268	204.1897
#2	.0065509	.0177589	74.92641	.1628198	.0784288	.6557649	204.8021
#3	.0064797	.0174893	74.34729	.1652763	.0782314	.6564488	207.2365

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.904858	51.37772	.1002327	-.002224	1.667085	.3910172	1.506854
Stddev	.025619	.51589	.0001921	.000306	.166730	.0039752	.022487
%RSD	.5223257	1.004114	.1916710	13.75690	10.00131	1.016618	1.492309

#1	4.931714	51.11241	.1003458	-.002006	1.852316	.3867854	1.520214
#2	4.902173	51.04848	.1003415	-.002574	1.529016	.3915933	1.480892
#3	4.880687	51.97228	.1000109	-.002093	1.619922	.3946728	1.519456

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.66499	1.271705	.1120810	.0130280	2.383395	3.353892	.0207498
Stddev	.06057	.006210	.0073701	.0000899	.017283	.040186	.0006995
%RSD	.2359960	.4882823	6.575658	.6898574	.7251323	1.198189	3.371371

#1	25.67198	1.264631	.1046029	.0130620	2.370723	3.387157	.0211553
#2	25.60123	1.276255	.1193381	.0130959	2.403082	3.309242	.0211521
#3	25.72177	1.274229	.1123019	.0129261	2.376379	3.365278	.0199420

Sample Name: J3382-11 Acquired: 6/12/2018 15:22:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0G40 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.872321	.1538731	.3198126
Stddev	.012763	.0013111	.0003925
%RSD	.3295875	.8520401	.1227293

#1	3.857727	.1527655	.3201620
#2	3.877841	.1553207	.3193879
#3	3.881395	.1535331	.3198879

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2464.583	2556.415	66164.85	8305.213	3677.500
Stddev	9.033	1.788	308.24	30.386	5.494
%RSD	.3665255	.0699481	.4658702	.3658721	.1494030

#1	2471.231	2555.515	66389.18	8292.324	3678.099
#2	2468.221	2558.474	66291.99	8283.396	3682.671
#3	2454.298	2555.256	65813.37	8339.920	3671.731

Sample Name: J3382-12 Acquired: 6/12/2018 15:26:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G41 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2863722	.0024686	1.371058	-.039233	.0107537	127.1476	1.384793
Stddev	.0031031	.0006390	.003848	.002517	.0014630	1.1506	.011440
%RSD	1.083587	25.88582	.2806507	6.414720	13.60445	.9049427	.8260952

#1	.2853651	.0031927	1.367502	-.038924	.0123690	127.9778	1.393584
#2	.2898538	.0019838	1.370528	-.041890	.0103743	127.6309	1.388937
#3	.2838979	.0022292	1.375143	-.036885	.0095178	125.8342	1.371859

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0126484	.0455137	49.14532	.1627963	.1276750	.8003599	256.2284
Stddev	.0000818	.0002498	.39430	.0005272	.0006576	.0091973	3.2681
%RSD	.6466481	.5487574	.8023076	.3238129	.5150877	1.149148	1.275450

#1	.0126355	.0454062	49.28450	.1623206	.1275527	.8035919	257.8807
#2	.0127359	.0453357	49.45115	.1627054	.1270870	.8075049	258.3405
#3	.0125738	.0457992	48.70030	.1633631	.1283851	.7899828	252.4641

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.004249	64.35097	.1608941	-.001453	1.210839	.4991022	2.305681
Stddev	.066599	.77304	.0006908	.000503	.033510	.0026065	.016965
%RSD	.9508414	1.201293	.4293354	34.57766	2.767506	.5222362	.7358065

#1	7.023112	65.01823	.1601074	-.001193	1.172905	.4975702	2.295800
#2	7.059382	64.53083	.1614014	-.001135	1.223195	.5021117	2.295972
#3	6.930253	63.50385	.1611735	-.002033	1.236417	.4976245	2.325271

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.11781	.9463850	.1329884	.0077719	1.476423	5.925796	.0143734
Stddev	.39070	.0059119	.0048069	.0003420	.009986	.071106	.0012528
%RSD	.9501843	.6246811	3.614559	4.400374	.6763750	1.199943	8.715953

#1	41.39471	.9512163	.1277786	.0081590	1.476080	5.992974	.0142285
#2	41.28781	.9481460	.1372516	.0076461	1.486577	5.933090	.0131993
#3	40.67092	.9397927	.1339350	.0075107	1.466613	5.851324	.0156923

Sample Name: J3382-12 Acquired: 6/12/2018 15:26:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0G41 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.091921	.1614440	.4077983
Stddev	.051184	.0009181	.0042817
%RSD	1.005199	.5686729	1.049952

#1	5.123863	.1620015	.4102275
#2	5.119014	.1619462	.4103130
#3	5.032885	.1603844	.4028545

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2627.171	2752.952	70721.71	8966.498	3626.566
Stddev	2.769	4.760	110.87	62.647	4.282
%RSD	.1053996	.1729012	.1567665	.6986764	.1180615

#1	2626.224	2757.830	70594.28	8925.485	3624.270
#2	2625.000	2748.320	70774.83	8935.400	3631.506
#3	2630.289	2752.706	70796.03	9038.610	3623.922

Sample Name: J3382-13 Acquired: 6/12/2018 15:30:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G42 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1706767	-.000979	.9382545	-.032262	.0086962	126.6830	1.391116
Stddev	.0056124	.002116	.0026538	.003562	.0014192	.5173	.002164
%RSD	3.288331	216.2000	.2828473	11.04024	16.31938	.4083099	.1555728

#1	.1742943	-.002678	.9369335	-.036063	.0079889	126.3207	1.391716
#2	.1642113	-.001651	.9365203	-.031723	.0103300	127.2754	1.392917
#3	.1735246	.001392	.9413095	-.029001	.0077696	126.4529	1.388715

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111485	.0315443	39.41362	.1576150	.1233999	.6027017	227.1728
Stddev	.0001136	.0002228	.05297	.0003038	.0010244	.0031952	1.4317
%RSD	1.018919	.7062104	.1344027	.1927419	.8301563	.5301525	.6302252

#1	.0110195	.0316224	39.45785	.1574126	.1224030	.6055167	226.3334
#2	.0111921	.0312930	39.35491	.1574680	.1233468	.6033597	228.8259
#3	.0112338	.0317175	39.42809	.1579643	.1244498	.5992287	226.3591

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.036054	62.80551	.1595447	-.003023	1.132235	.4397747	1.283541
Stddev	.013104	.41878	.0004201	.000432	.144282	.0053277	.013246
%RSD	.2170953	.6667882	.2632964	14.29731	12.74312	1.211458	1.032019

#1	6.046432	62.48492	.1595062	-.003182	1.111067	.4354305	1.283852
#2	6.040402	63.27932	.1599827	-.002533	.999706	.4381744	1.270142
#3	6.021329	62.65229	.1591452	-.003352	1.285931	.4457191	1.296629

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	43.21475	1.042750	.1119529	.0078405	1.393621	5.535758	.0166731
Stddev	.18976	.004797	.0046033	.0002656	.012105	.036406	.0013069
%RSD	.4391187	.4600122	4.111831	3.388033	.8686273	.6576574	7.838508

#1	43.01073	1.046125	.1140285	.0076583	1.389075	5.493725	.0167740
#2	43.38598	1.037259	.1151530	.0077179	1.384447	5.556199	.0153186
#3	43.24755	1.044866	.1066772	.0081453	1.407342	5.557349	.0179266

Sample Name: J3382-13 Acquired: 6/12/2018 15:30:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G42 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.312568	.1674114	.3571296
Stddev	.029226	.0019251	.0004313
%RSD	.4629882	1.149923	.1207746

#1	6.298283	.1672387	.3572770
#2	6.346189	.1694171	.3574679
#3	6.293232	.1655785	.3566439

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2726.554	2836.413	73026.39	9255.425	3655.716
Stddev	16.304	6.078	288.49	40.010	6.054
%RSD	.5979664	.2142862	.3950492	.4322910	.1655960

#1	2744.281	2829.617	73092.11	9301.608	3652.443
#2	2723.179	2841.329	73276.35	9231.244	3662.702
#3	2712.201	2838.294	72710.71	9233.423	3652.004

Sample Name: J3382-14 Acquired: 6/12/2018 15:34:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G43 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3304522	.0034215	1.833495	-.028419	.0122604	114.8551	1.255055
Stddev	.0050972	.0006780	.006046	.006301	.0013626	1.1822	.013333
%RSD	1.542497	19.81516	.3297619	22.17003	11.11406	1.029276	1.062328

#1	.3298685	.0035143	1.827154	-.027917	.0135658	115.2569	1.256467
#2	.3256720	.0027019	1.834136	-.034956	.0108469	113.5245	1.241072
#3	.3358162	.0040483	1.839196	-.022385	.0123686	115.7841	1.267626

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103533	.0501059	40.84251	.1514126	.1137994	.7145283	223.9428
Stddev	.0000112	.0001488	.41524	.0003232	.0009989	.0030617	2.5092
%RSD	.1083574	.2970065	1.016685	.2134631	.8777687	.4284977	1.120453

#1	.0103653	.0500085	40.91073	.1516978	.1146249	.7153565	225.0168
#2	.0103430	.0500321	40.39739	.1514785	.1126890	.7111377	221.0754
#3	.0103516	.0502772	41.21942	.1510615	.1140844	.7170908	225.7362

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.368099	58.16708	.1384591	.0031694	1.321259	.4486093	2.057128
Stddev	.062141	.76338	.0002221	.0004405	.109949	.0054917	.007192
%RSD	.9758149	1.312386	.1604200	13.89912	8.321504	1.224167	.3496351

#1	6.374993	58.42316	.1382026	.0026710	1.199572	.4436020	2.048989
#2	6.302800	57.30859	.1385828	.0035067	1.350753	.4477433	2.062629
#3	6.426506	58.76949	.1385918	.0033305	1.413453	.4544826	2.059766

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	43.21460	1.033939	.1176583	.0070234	1.874590	5.928461	.0163603
Stddev	.43800	.003570	.0090060	.0003171	.006113	.028646	.0004751
%RSD	1.013555	.3453243	7.654366	4.514916	.3261034	.4831890	2.903804

#1	43.27823	1.029819	.1205455	.0071867	1.867581	5.960639	.0158131
#2	42.74827	1.035866	.1075628	.0066579	1.878823	5.919005	.0165999
#3	43.61731	1.036132	.1248666	.0072255	1.877365	5.905738	.0166678

Sample Name: J3382-14 Acquired: 6/12/2018 15:34:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G43 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.625774	.1481008	.3456691
Stddev	.057128	.0014142	.0035309
%RSD	1.015467	.9548702	1.021472

#1	5.638371	.1476673	.3469617
#2	5.563398	.1469542	.3416741
#3	5.675552	.1496810	.3483717

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2643.705	2752.713	70903.24	8898.195	3661.185
Stddev	9.433	2.208	325.49	51.318	4.033
%RSD	.3567924	.0802183	.4590682	.5767200	.1101647

#1	2644.880	2754.125	70619.83	8856.835	3663.931
#2	2633.740	2753.845	70831.15	8955.624	3663.069
#3	2652.495	2750.168	71258.73	8882.126	3656.554

Sample Name: J3382-15 Acquired: 6/12/2018 15:38:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G44 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2127476	.0054439	1.359974	-.028587	.0083124	105.9045	1.266758
Stddev	.0018077	.0022221	.002852	.002733	.0026767	.3502	.000802
%RSD	.8496821	40.81856	.2097210	9.561265	32.20083	.3306462	.0633002

#1	.2109145	.0078020	1.357696	-.025968	.0112151	106.0866	1.267673
#2	.2127995	.0051409	1.359054	-.031422	.0059416	106.1261	1.266176
#3	.2145287	.0033888	1.363173	-.028371	.0077805	105.5008	1.266426

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091517	.0439272	37.42793	.1526570	.0988390	.6521643	204.2338
Stddev	.0000958	.0001924	.04773	.0002395	.0004548	.0069621	.3880
%RSD	1.047375	.4380402	.1275304	.1568831	.4601667	1.067540	.1899561

#1	.0091474	.0438417	37.44438	.1524543	.0984404	.6446371	204.6789
#2	.0092497	.0437923	37.37415	.1529213	.0993345	.6583727	203.9678
#3	.0090581	.0441475	37.46526	.1525956	.0987421	.6534830	204.0546

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.965518	52.69727	.1255944	.0009412	1.013461	.4044462	1.872813
Stddev	.008353	.19810	.0007938	.0003311	.073434	.0021568	.037456
%RSD	.1400227	.3759153	.6320235	35.18127	7.245865	.5332790	1.999964

#1	5.975143	52.90858	.1254112	.0005639	1.046127	.4064839	1.887177
#2	5.960160	52.66747	.1264638	.0010766	.929361	.4021873	1.830302
#3	5.961251	52.51576	.1249082	.0011833	1.064893	.4046674	1.900961

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.70209	.9359090	.1113821	.0074944	1.934649	5.297414	.0162870
Stddev	.29398	.0016644	.0032118	.0001920	.013937	.046490	.0009268
%RSD	.7049572	.1778417	2.883583	2.561945	.7203886	.8775954	5.690297

#1	41.82255	.9355438	.1141541	.0072727	1.918599	5.312800	.0169610
#2	41.91671	.9377257	.1078624	.0075996	1.941659	5.334260	.0152301
#3	41.36701	.9344575	.1121297	.0076108	1.943690	5.245181	.0166699

Sample Name: J3382-15 Acquired: 6/12/2018 15:38:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0G44 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.573199	.1368904	.2958533
Stddev	.005640	.0007259	.0016915
%RSD	.1012068	.5303176	.5717239

#1	5.570666	.1365420	.2972545
#2	5.579662	.1377249	.2963309
#3	5.569270	.1364043	.2939743

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2586.375	2693.110	69490.34	8715.826	3684.993
Stddev	5.037	9.195	252.56	62.550	10.005
%RSD	.1947388	.3414312	.3634524	.7176614	.2714950

#1	2581.605	2685.259	69351.52	8668.200	3675.918
#2	2591.642	2703.226	69781.86	8692.614	3695.721
#3	2585.878	2690.844	69337.63	8786.664	3683.341

Sample Name: J3382-16 Acquired: 6/12/2018 15:42:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G48 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2456466	.0008928	1.323886	-.033722	.0097224	125.0615	1.378675
Stddev	.0050509	.0012018	.001693	.001841	.0002892	.4825	.006230
%RSD	2.056168	134.6070	.1278883	5.459179	2.974219	.3857738	.4518607

#1	.2415726	.0016033	1.322883	-.034779	.0095434	125.5002	1.385680
#2	.2512980	.0015700	1.322935	-.031596	.0100560	124.5448	1.373755
#3	.2440692	-.000495	1.325841	-.034790	.0095677	125.1396	1.376590

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108432	.0467127	38.93703	.1718505	.1217527	.6418060	228.6906
Stddev	.0002395	.0000542	.17007	.0168549	.0009473	.0051852	1.4705
%RSD	2.208789	.1159776	.4367718	9.807855	.7780680	.8079025	.6429958

#1	.0108611	.0467392	39.10889	.1600796	.1225588	.6471829	229.6313
#2	.0110732	.0466504	38.93339	.1911587	.1207093	.6368366	226.9960
#3	.0105952	.0467485	38.76882	.1643132	.1219900	.6413985	229.4443

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.467015	61.52933	.1580013	-.003942	1.099531	.4623801	1.458183
Stddev	.052463	.42966	.0003688	.002294	.081560	.0115737	.096238
%RSD	.8112321	.6983080	.2334001	58.21071	7.417685	2.503063	6.599824

#1	6.508590	61.86601	.1584116	-.002543	1.193212	.4659359	1.371385
#2	6.484383	61.04540	.1578948	-.006590	1.061047	.4494457	1.561675
#3	6.408070	61.67658	.1576975	-.002692	1.044333	.4717587	1.441488

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.17648	1.049224	.1076518	.0060630	1.312968	5.796363	.0174786
Stddev	.10050	.001382	.0125439	.0001748	.007259	.108008	.0020546
%RSD	.2440596	.1317210	11.65231	2.882955	.5528758	1.863373	11.75517

#1	41.29153	1.050776	.1088693	.0059466	1.312887	5.769699	.0163181
#2	41.10581	1.048127	.0945435	.0059784	1.320268	5.915206	.0162669
#3	41.13212	1.048770	.1195426	.0062640	1.305750	5.704185	.0198509

Sample Name: J3382-16 Acquired: 6/12/2018 15:42:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G48 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.645795	.1636125	.3436052
Stddev	.016413	.0012323	.0020177
%RSD	.2469612	.7531605	.5872081

#1	6.663450	.1647228	.3459330
#2	6.631001	.1622867	.3425248
#3	6.642934	.1638280	.3423578

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2578.705	2802.982	69393.28	9213.546	3633.107
Stddev	171.439	7.082	4727.05	67.411	7.201
%RSD	6.648256	.2526591	6.811973	.7316548	.1982019

#1	2695.688	2802.285	72601.94	9191.379	3625.910
#2	2381.911	2810.387	63964.89	9160.010	3640.312
#3	2658.516	2796.275	71613.00	9289.250	3633.101

Sample Name: J3382-17 Acquired: 6/12/2018 15:46:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G49 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2363519	.0031719	1.275207	-.027808	.0101358	112.3408	1.232360
Stddev	.0024682	.0026240	.004847	.003671	.0026680	.2939	.003327
%RSD	1.044283	82.72594	.3800648	13.20013	26.32223	.2616099	.2699470

#1	.2340526	.0059509	1.269618	-.024283	.0085607	112.0228	1.228534
#2	.2389600	.0007368	1.277758	-.027532	.0086304	112.3973	1.234567
#3	.2360431	.0028281	1.278245	-.031608	.0132162	112.6024	1.233980

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099181	.0465890	37.71117	.1548103	.1163886	.6885016	213.7375
Stddev	.0000986	.0000301	.04402	.0005058	.0002328	.0037330	.6786
%RSD	.9939145	.0646274	.1167182	.3267312	.2000116	.5421957	.3174900

#1	.0099289	.0465695	37.68192	.1553137	.1161417	.6868191	213.3994
#2	.0098145	.0466237	37.68980	.1543021	.1164199	.6859059	213.2945
#3	.0100108	.0465738	37.76179	.1548150	.1166041	.6927797	214.5188

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.104945	55.83932	.1328776	-.000151	1.034898	.4249281	1.646402
Stddev	.007199	.24077	.0007368	.000171	.089065	.0076469	.027006
%RSD	.1179166	.4311848	.5545287	113.4095	8.606195	1.799577	1.640278

#1	6.096989	55.64435	.1321601	.000023	1.137320	.4266737	1.649138
#2	6.111009	55.76517	.1336324	-.000319	.991746	.4165592	1.618132
#3	6.106837	56.10844	.1328405	-.000155	.975628	.4315512	1.671935

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.70833	.9527912	.1139171	.0088612	1.628948	5.402255	.0145898
Stddev	.07453	.0054119	.0050702	.0002867	.020761	.057431	.0013263
%RSD	.1877011	.5680072	4.450747	3.234985	1.274491	1.063092	9.090247

#1	39.63596	.9490718	.1080631	.0088765	1.609193	5.453345	.0130771
#2	39.70417	.9503019	.1169109	.0085673	1.627064	5.340095	.0155532
#3	39.78486	.9589999	.1167774	.0091400	1.650586	5.413324	.0151390

Sample Name: J3382-17 Acquired: 6/12/2018 15:46:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0G49 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.106937	.1382862	.3338665
Stddev	.016687	.0019800	.0009790
%RSD	.3267459	1.431797	.2932343

#1	5.087928	.1361511	.3327985
#2	5.113718	.1400618	.3347213
#3	5.119166	.1386458	.3340797

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2605.313	2720.508	69759.73	8775.505	3654.036
Stddev	26.802	5.170	249.46	39.350	3.339
%RSD	1.028745	.1900503	.3575993	.4484049	.0913872

#1	2628.764	2714.844	70014.46	8770.749	3650.320
#2	2611.078	2724.975	69748.83	8817.017	3656.785
#3	2576.098	2721.704	69515.89	8738.749	3655.003

Sample Name: J3382-19 Acquired: 6/12/2018 15:50:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G51 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3631138	.0039526	1.508301	-.033721	.0137034	115.8760	1.376799
Stddev	.0041915	.0034804	.010924	.004401	.0024376	.7480	.008439
%RSD	1.154314	88.05243	.7242668	13.05249	17.78804	.6454940	.6129231

#1	.3673721	.0034230	1.509212	-.031409	.0146340	116.1999	1.379634
#2	.3589925	.0076674	1.496950	-.030957	.0155385	116.4075	1.383456
#3	.3629769	.0007674	1.518741	-.038796	.0109376	115.0207	1.367308

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103502	.0410388	35.73352	.1536857	.1186468	.6752601	226.8375
Stddev	.0001649	.0005018	.13763	.0010381	.0007457	.0041251	1.2953
%RSD	1.593278	1.222612	.3851501	.6754782	.6284604	.6108845	.5710249

#1	.0103001	.0407535	35.70858	.1536729	.1191833	.6763791	228.0426
#2	.0105343	.0407447	35.88191	.1526541	.1177954	.6787102	227.0022
#3	.0102161	.0416181	35.61007	.1547302	.1189618	.6706910	225.4678

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.190998	58.42637	.1421309	.0010268	.8434563	.4418777	1.834696
Stddev	.010857	.50796	.0011492	.0003625	.0745709	.0039223	.021506
%RSD	.1509790	.8694076	.8085236	35.30503	8.841108	.8876355	1.172180

#1	7.185872	58.90698	.1431182	.0014297	.7589762	.4453866	1.849140
#2	7.203469	58.47722	.1408695	.0007270	.8712688	.4376434	1.844968
#3	7.183653	57.89488	.1424049	.0009236	.9001238	.4426031	1.809980

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	45.74130	1.051674	.1089832	.0085716	1.320659	5.059104	.0160575
Stddev	.39358	.008090	.0018235	.0000594	.015416	.016491	.0006438
%RSD	.8604579	.7692327	1.673165	.6931969	1.167304	.3259724	4.009298

#1	45.87016	1.056099	.1109411	.0085355	1.322723	5.064940	.0167401
#2	46.05430	1.042337	.1086751	.0085390	1.304315	5.071884	.0159713
#3	45.29944	1.056586	.1073335	.0086401	1.334939	5.040489	.0154612

Sample Name: J3382-19 Acquired: 6/12/2018 15:50:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0G51 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.000837	.1504551	.3276055
Stddev	.037184	.0009231	.0018620
%RSD	.6196447	.6135297	.5683507

#1	6.019469	.1509588	.3279632
#2	6.025022	.1510167	.3292627
#3	5.958021	.1493897	.3255907

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2690.913	2808.675	71959.37	9100.288	3691.888
Stddev	20.855	20.102	189.37	64.868	27.565
%RSD	.7750066	.7157128	.2631623	.7128117	.7466436

#1	2691.575	2807.600	71760.87	9080.844	3692.710
#2	2669.736	2829.293	71979.19	9047.365	3719.033
#3	2711.429	2789.132	72138.05	9172.654	3663.921

Sample Name: CCV018 Acquired: 6/12/2018 15:54:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.113230	5.056605	25.18859	5.028260	5.160947	382.9379
Stddev	.057263	.067990	.33577	.068753	.069385	1.6167
%RSD	1.119901	1.344581	1.333038	1.367329	1.344426	.4221789

#1	5.069099	5.040310	24.97714	4.977613	5.106125	384.2859
#2	5.092653	4.998242	25.01287	5.000640	5.137760	381.1455
#3	5.177939	5.131261	25.57575	5.106528	5.238957	383.3822

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.19514	.5231613	2.480150	385.2764	15.38751	2.522072
Stddev	.02748	.0024796	.032650	.1712	.07923	.033397
%RSD	.2695794	.4739647	1.316449	.0444478	.5148967	1.324170

#1	10.22411	.5256033	2.463290	385.1112	15.43645	2.501759
#2	10.16944	.5232350	2.459377	385.4531	15.42999	2.503840
#3	10.19186	.5206458	2.517783	385.2650	15.29610	2.560616

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.61162	393.5889	14.96196	405.5810	2.520525	1.361506
Stddev	.02172	1.9486	.07770	1.5597	.032360	.001887
%RSD	.1391564	.4950958	.5193465	.3845564	1.283872	.1386261

#1	15.61600	394.6078	14.89409	407.1420	2.503216	1.359913
#2	15.58804	391.3420	15.04672	404.0226	2.500500	1.363591
#3	15.63083	394.8168	14.94507	405.5784	2.557858	1.361014

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	375.1755	2.631252	15.48016	158.2594	F 6.690423	5.260585
Stddev	2.5977	.019347	.05012	.5006	.082299	.023673
%RSD	.6923939	.7352855	.3237918	.3163113	1.230097	.4500124

#1	377.7009	2.645251	15.45715	158.7304	6.661946	5.286752
#2	372.5111	2.609175	15.53766	157.7337	6.626145	5.254350
#3	375.3146	2.639331	15.44567	158.3142	6.783178	5.240653

Sample Name: CCV018 Acquired: 6/12/2018 15:54:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV018 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.035672	5.356668	5.194561	5.095787	5.207198	5.162452
Stddev	.069292	.064014	.041120	.074745	.028148	.025701
%RSD	1.376015	1.195026	.7915887	1.466799	.5405559	.4978388

#1	4.997597	5.336222	5.239148	5.062003	5.229746	5.186674
#2	4.993766	5.305375	5.186403	5.043897	5.175651	5.135492
#3	5.115652	5.428407	5.158132	5.181459	5.216197	5.165190

Elem	Sr4077
Units	ppm
Avg	5.119478
Stddev	.028345
%RSD	.5536603

#1	5.152179
#2	5.104315
#3	5.101941

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1933.398	1961.759	53810.78	7033.996	2977.109
Stddev	2.560	20.369	171.06	31.391	30.898
%RSD	.1324197	1.038313	.3178987	.4462759	1.037848

#1	1931.340	1974.520	53679.14	6999.660	2993.101
#2	1936.265	1972.488	53749.05	7061.223	2996.734
#3	1932.589	1938.267	54004.14	7041.104	2941.493

Sample Name: CCB018 Acquired: 6/12/2018 15:58:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000644	.0023361	.0017781	.0031396	-.000581	.0043231	-.001771
Stddev	.001137	.0008828	.0011339	.0009904	.000834	.0061039	.000179
%RSD	176.6736	37.78766	63.77329	31.54460	143.7087	141.1948	10.12574

#1	-.001493	.0026550	.0028659	.0041770	-.001440	.0113603	-.001621
#2	-.001086	.0030152	.0006031	.0022042	-.000529	.0011448	-.001970
#3	.000648	.0013382	.0018652	.0030374	.000227	.0004641	-.001721

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001189	-.000096	.0147631	.0000773	.0002423	.0024953	-.010498
Stddev	.0000357	.000029	.0124656	.0002401	.0002460	.0030892	.014417
%RSD	30.00409	29.91856	84.43761	310.5584	101.5373	123.8001	137.3313

#1	.0001578	-.000079	.0241041	-.000132	.0002937	-.000895	.004716
#2	.0000877	-.000130	.0195769	.000340	-.000025	.003230	-.012253
#3	.0001111	-.000081	.0006084	.000024	.000459	.005151	-.023957

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004681	.0275153	-.000150	.0000314	-.319069	-.000618	.0032880
Stddev	.0002056	.0147434	.000369	.0002221	.226054	.003255	.0118084
%RSD	43.91616	53.58245	245.4135	708.1561	70.84797	526.8214	359.1398

#1	.0006731	.0112195	-.000354	-.000124	-.134306	-.002809	-.005411
#2	.0002620	.0313969	.000276	.000286	-.251771	-.002167	-.001455
#3	.0004690	.0399295	-.000373	-.000068	-.571129	.003122	.016731

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.156115	-.000701	-.004659	-.000178	-.011112	-.005663	-.000339
Stddev	.004726	.000131	.001581	.000126	.002968	.001256	.001310
%RSD	3.027454	18.66370	33.93376	70.82945	26.70679	22.18493	386.7001

#1	-.152508	-.000794	-.003899	-.000323	-.011119	-.005432	-.000711
#2	-.161465	-.000551	-.003602	-.000113	-.008141	-.007020	.001117
#3	-.154370	-.000757	-.006477	-.000098	-.014076	-.004539	-.001422

Sample Name: CCB018 Acquired: 6/12/2018 15:58:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB018 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000028	-.000702	.0000034
Stddev	.001949	.000336	.0000569
%RSD	6900.088	47.84172	1655.469

#1	.000246	-.000435	-.000055
#2	.001769	-.001078	.000059
#3	-.002100	-.000592	.000006

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2287.229	2385.306	60768.48	7429.190	3988.156
Stddev	10.546	6.570	186.05	52.352	4.694
%RSD	.4610656	.2754490	.3061565	.7046846	.1176969

#1	2282.306	2392.893	60826.78	7416.850	3992.711
#2	2280.046	2381.510	60560.27	7384.110	3983.335
#3	2299.336	2381.516	60918.40	7486.610	3988.423

Sample Name: J3382-20 Acquired: 6/12/2018 16:02:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G52 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3310127	.0074429	2.259590	-.036245	.0159968	112.4251	1.381680
Stddev	.0079641	.0006926	.045220	.004618	.0010186	.5389	.001692
%RSD	2.405990	9.305043	2.001246	12.74138	6.367540	.4793224	.1224300

#1	.3396372	.0082275	2.311749	-.041407	.0171534	112.0744	1.380575
#2	.3294648	.0069166	2.231416	-.034819	.0156039	113.0456	1.383628
#3	.3239362	.0071846	2.235603	-.032507	.0152332	112.1553	1.380839

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101980	.2351128	45.43435	.1497277	.1222385	1.061064	226.0794
Stddev	.0000287	.0045372	.03928	.0008718	.0022273	.000672	2.2232
%RSD	.2817456	1.929784	.0864454	.5822439	1.822075	.0633790	.9833522

#1	.0102279	.2403464	45.46977	.1503448	.1248070	1.060792	224.5431
#2	.0101705	.2322878	45.44117	.1487304	.1208410	1.061830	228.6286
#3	.0101957	.2327044	45.39211	.1501080	.1210675	1.060570	225.0665

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.761650	62.12975	.1418618	.0059375	.9509155	.4522448	2.727793
Stddev	.029146	.78491	.0022498	.0003206	.0367769	.0041328	.023380
%RSD	.4310550	1.263340	1.585895	5.399743	3.867523	.9138423	.8570878

#1	6.788040	61.47791	.1444381	.0056032	.9558783	.4501133	2.708758
#2	6.730366	63.00102	.1402848	.0062424	.9119092	.4570082	2.753889
#3	6.766545	61.91032	.1408626	.0059669	.9849590	.4496130	2.720732

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.35086	1.461872	.1206494	.0085929	2.976985	5.504941	.0213223
Stddev	.18371	.024069	.0022679	.0002885	.048169	.023002	.0005773
%RSD	.3722470	1.646427	1.879784	3.357926	1.618032	.4178384	2.707650

#1	49.29011	1.489091	.1187209	.0088807	3.032436	5.489693	.0218092
#2	49.55725	1.453122	.1231480	.0083037	2.953014	5.531398	.0214731
#3	49.20523	1.443402	.1200793	.0085943	2.945505	5.493731	.0206845

Sample Name: J3382-20 Acquired: 6/12/2018 16:02:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0G52 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.762326	.1613899	.3647815
Stddev	.036552	.0005507	.0006253
%RSD	.5405209	.3412127	.1714247

#1	6.731571	.1617576	.3643706
#2	6.802736	.1616552	.3644728
#3	6.752671	.1607568	.3655011

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2650.793	2736.158	71336.97	9032.201	3601.009
Stddev	8.100	44.301	38.83	42.133	60.260
%RSD	.3055657	1.619102	.0544281	.4664723	1.673413

#1	2650.799	2685.201	71351.32	9054.251	3531.714
#2	2642.690	2765.528	71293.01	8983.619	3641.124
#3	2658.889	2757.744	71366.58	9058.733	3630.188

Sample Name: J3382-21 Acquired: 6/12/2018 16:06:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G52D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3310321	.0093974	2.282309	-.030357	.0145711	112.5349	1.383665
Stddev	.0174053	.0019945	.135801	.006173	.0023321	.7018	.001704
%RSD	5.257897	21.22367	5.950181	20.33443	16.00491	.6236599	.1231344

#1	.3505121	.0078537	2.439075	-.036545	.0169449	111.7623	1.381786
#2	.3255749	.0086890	2.200729	-.030325	.0122831	112.7093	1.384096
#3	.3170093	.0116493	2.207122	-.024200	.0144853	113.1330	1.385111

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100451	.2367993	45.39096	.1493845	.1240206	1.068297	226.0733
Stddev	.0000790	.0153751	.08352	.0004557	.0090155	.009238	2.5324
%RSD	.7868040	6.492889	.1840121	.3050501	7.269336	.8647253	1.120182

#1	.0101039	.2545517	45.37134	.1497439	.1344300	1.057649	223.3078
#2	.0100762	.2277465	45.48255	.1488719	.1187022	1.074171	226.6332
#3	.0099553	.2280996	45.31900	.1495375	.1189297	1.073071	228.2790

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.738991	62.09302	.1437704	.0061621	.9333389	.4569090	2.741175
Stddev	.010029	.82561	.0081479	.0001981	.1453558	.0052457	.040416
%RSD	.1488150	1.329640	5.667324	3.214920	15.57374	1.148092	1.474396

#1	6.745120	61.15229	.1531673	.0063882	1.095566	.4544034	2.784179
#2	6.727418	62.42956	.1386687	.0060790	.814941	.4533858	2.703975
#3	6.744435	62.69720	.1394751	.0060191	.889510	.4629377	2.735371

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.28790	1.473200	.1203243	.0083463	3.015379	5.484174	.0226473
Stddev	.10728	.083888	.0048541	.0005923	.179007	.024891	.0013087
%RSD	.2176609	5.694245	4.034169	7.097005	5.936461	.4538710	5.778736

#1	49.17570	1.569784	.1166552	.0088924	3.221592	5.469869	.0241064
#2	49.38946	1.418524	.1184894	.0084301	2.900008	5.512916	.0215771
#3	49.29854	1.431291	.1258284	.0077166	2.924535	5.469737	.0222583

Sample Name: J3382-21 Acquired: 6/12/2018 16:06:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0G52D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.767736	.1626124	.3636160
Stddev	.052915	.0002290	.0005698
%RSD	.7818715	.1408084	.1567064

#1	6.712256	.1626038	.3635218
#2	6.773305	.1623879	.3630992
#3	6.817646	.1628456	.3642271

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2649.891	2717.285	71284.33	9028.648	3572.506
Stddev	4.861	111.960	123.36	28.675	188.314
%RSD	.1834383	4.120298	.1730567	.3175970	5.271199

#1	2648.801	2588.136	71366.76	9059.808	3355.104
#2	2655.204	2786.908	71343.73	9022.764	3684.997
#3	2645.667	2776.811	71142.51	9003.371	3677.418

Sample Name: J3382-22 Acquired: 6/12/2018 16:09:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G52S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3793615	.1014387	2.226648	.0408222	.1682716	114.4903	4.708431
Stddev	.0027379	.0034031	.009238	.0041269	.0003464	.6009	.016263
%RSD	.7217020	3.354869	.4148747	10.10934	.2058316	.5248820	.3453999

#1	.3781500	.0983276	2.216390	.0419934	.1679052	115.1829	4.724965
#2	.3824961	.1050732	2.229246	.0442369	.1683160	114.1807	4.707877
#3	.3774384	.1009154	2.234309	.0362364	.1685937	114.1072	4.692453

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0913844	.3196224	44.76155	.4843805	1.073362	1.467732	225.5525
Stddev	.0001592	.0013695	.11549	.0023983	.005625	.006087	2.6004
%RSD	.1742541	.4284778	.2580153	.4951185	.5240922	.4147001	1.152915

#1	.0913147	.3184000	44.83947	.4867141	1.067752	1.474728	228.5493
#2	.0912718	.3193649	44.81631	.4819224	1.073331	1.463651	223.8903
#3	.0915666	.3211024	44.62886	.4845050	1.079002	1.464817	224.2179

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.492763	61.34646	1.094799	.0805000	1.080584	1.316234	3.481293
Stddev	.008267	.49631	.004108	.0005342	.062876	.019730	.042844
%RSD	.1103344	.8090325	.3752721	.6635708	5.818730	1.499011	1.230683

#1	7.500479	61.91747	1.090224	.0807496	1.151518	1.338655	3.530762
#2	7.493773	61.01862	1.096001	.0798867	1.031712	1.308523	3.457004
#3	7.484038	61.10330	1.098173	.0808636	1.058521	1.301523	3.456113

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	48.88411	1.421987	.1159390	.0082921	2.869132	5.480993	.0211470
Stddev	.13262	.009430	.0084419	.0000781	.016032	.027559	.0003472
%RSD	.2712911	.6631455	7.281310	.9420475	.5587834	.5028073	1.641943

#1	49.03548	1.411794	.1256853	.0082634	2.860303	5.453703	.0209045
#2	48.82848	1.423767	.1109139	.0083805	2.859456	5.508813	.0215448
#3	48.78836	1.430400	.1112178	.0082324	2.887638	5.480462	.0209917

Sample Name: J3382-22 Acquired: 6/12/2018 16:09:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G52S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.696006	.1618487	.3610141
Stddev	.047743	.0007510	.0013933
%RSD	.7130042	.4640334	.3859495

#1	6.750926	.1627036	.3625184
#2	6.664395	.1615476	.3607561
#3	6.672696	.1612949	.3597678

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2627.579	2735.182	70875.96	8896.461	3627.402
Stddev	4.001	3.272	302.42	22.460	10.920
%RSD	.1522683	.1196083	.4266855	.2524621	.3010369

#1	2623.829	2732.300	70663.78	8911.658	3637.498
#2	2631.791	2738.738	71222.24	8907.063	3628.895
#3	2627.118	2734.508	70741.85	8870.662	3615.812

Sample Name: J3382-20LX5 Acquired: 6/12/2018 16:13:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G52L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0770861	.0040887	.4389191	-.005079	.0037876	24.85322	.3077295
Stddev	.0013685	.0015056	.0050019	.002804	.0007267	.06097	.0001476
%RSD	1.775280	36.82213	1.139594	55.20153	19.18522	.2453083	.0479657

#1	.0776102	.0058060	.4368994	-.007056	.0042302	24.78434	.3075606
#2	.0755331	.0034644	.4352429	-.006311	.0041836	24.87504	.3077947
#3	.0781151	.0029958	.4446151	-.001870	.0029489	24.90027	.3078334

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025200	.0445415	10.22738	.0340419	.0225859	.2426173	51.87086
Stddev	.0001325	.0005464	.02126	.0002639	.0003426	.0053840	.10749
%RSD	5.257383	1.226608	.2078431	.7752186	1.517005	2.219112	.2072284

#1	.0023694	.0444728	10.20925	.0339211	.0225846	.2487120	51.76770
#2	.0026189	.0440328	10.22212	.0338600	.0222439	.2385078	51.98221
#3	.0025716	.0451190	10.25078	.0343445	.0229292	.2406321	51.86266

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.544464	13.83104	.0266941	.0017287	-.003988	.1046927	.6034451
Stddev	.000872	.06365	.0006726	.0003772	.206698	.0029470	.0072702
%RSD	.0564817	.4602273	2.519745	21.82008	5183.042	2.814922	1.204777

#1	1.545467	13.86612	.0268624	.0013050	.165062	.1019044	.6110615
#2	1.544035	13.75756	.0259533	.0018528	.057400	.1043974	.6026946
#3	1.543889	13.86944	.0272666	.0020281	-.234426	.1077762	.5965793

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.73142	.2762580	.0201157	.0015874	.5517718	1.286168	.0047556
Stddev	.05680	.0045826	.0011255	.0001172	.0065528	.019018	.0008730
%RSD	.5292496	1.658806	5.594912	7.380557	1.187588	1.478694	18.35712

#1	10.69048	.2761839	.0212886	.0014535	.5491695	1.264211	.0045713
#2	10.70752	.2717129	.0200137	.0016375	.5469200	1.297477	.0057061
#3	10.79626	.2808772	.0190447	.0016711	.5592260	1.296816	.0039895

Sample Name: J3382-20LX5 Acquired: 6/12/2018 16:13:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0G52L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.523511	.0337672	.0822929
Stddev	.002336	.0003593	.0002466
%RSD	.1533546	1.063988	.2997013

#1	1.526082	.0336754	.0825638
#2	1.521517	.0341635	.0820815
#3	1.522936	.0334627	.0822334

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2368.646	2505.934	63279.68	7818.263	3942.097
Stddev	6.201	30.724	175.15	41.671	47.573
%RSD	.2617863	1.226044	.2767805	.5329962	1.206805

#1	2361.607	2513.100	63093.43	7866.271	3947.275
#2	2373.302	2532.442	63304.54	7791.446	3986.870
#3	2371.029	2472.260	63441.06	7797.073	3892.147

Sample Name: PB110128BL Acquired: 6/12/2018 16:17:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) 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	.0005945	.0030505	.0021546	.0009149	-.000292	.0001955	-.002290
Stddev	.0027297	.0005492	.0004182	.0010167	.000607	.0056438	.000225
%RSD	459.1974	18.00412	19.41117	111.1354	207.5710	2887.270	9.802190

#1	-.002496	.0031946	.0025901	.0000445	.000276	.0066466	-.002033
#2	.002677	.0024436	.0017561	.0020324	-.000932	-.003830	-.002391
#3	.001602	.0035133	.0021177	.0006676	-.000221	-.002230	-.002447

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000920	-.000050	-.000196	-.000340	.0002040	-.001346	-.004202
Stddev	.0000444	.000046	.002022	.000270	.0003329	.001388	.002748
%RSD	48.26854	91.25428	1032.834	79.47393	163.2248	103.1582	65.38951

#1	.0001433	-.000056	.000907	-.000611	.0004226	-.000474	-.007358
#2	.0000660	-.000092	.001035	-.000071	-.000179	-.000617	-.002338
#3	.0000668	-.000002	-.002529	-.000339	.000368	-.002946	-.002910

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002271	.0188899	.0001777	.0004295	-.289137	-.002143	.0031151
Stddev	.0012080	.0080447	.0002696	.0003848	.154010	.003339	.0048130
%RSD	532.0059	42.58756	151.7317	89.59063	53.26528	155.7843	154.5052

#1	.0013810	.0158182	.0004096	.0007403	-.463436	.000254	-.001522
#2	.0003287	.0128336	.0002417	-.000001	-.232549	-.005957	.002781
#3	-.001029	.0280179	-.000118	.000549	-.171427	-.000727	.008086

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.155214	-.001163	-.009431	.0000057	-.010809	-.005736	.0004807
Stddev	.057446	.000504	.000281	.0003092	.002823	.000949	.0004097
%RSD	37.01055	43.36920	2.983265	5405.400	26.11668	16.53836	85.24014

#1	-.213825	-.000622	-.009538	-.000174	-.010140	-.004764	.0007844
#2	-.152808	-.001246	-.009643	-.000172	-.013906	-.006659	.0000147
#3	-.099010	-.001620	-.009112	.000363	-.008380	-.005786	.0006429

Sample Name: PB110128BL Acquired: 6/12/2018 16:17:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) 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	.0007877	-.001863	-.000099
Stddev	.0016581	.000856	.000018
%RSD	210.4992	45.95526	18.08510

#1	.0026821	-.001244	-.000117
#2	-.000400	-.001504	-.000082
#3	.000081	-.002840	-.000097

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2302.134	2393.213	61233.96	7463.877	3991.522
Stddev	32.118	4.280	1337.98	42.670	11.679
%RSD	1.395141	.1788593	2.185036	.5716900	.2925966

#1	2270.846	2392.483	59828.15	7436.010	3991.107
#2	2335.022	2397.812	62491.81	7442.620	4003.403
#3	2300.533	2389.345	61381.92	7513.000	3980.056

Sample Name: PB110128BS Acquired: 6/12/2018 16:21:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) 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	.0170864	.0527695	.0186854	.0672893	.1123646	.3725214
Stddev	.0010794	.0018368	.0007608	.0027625	.0002336	.0045679
%RSD	6.317340	3.480886	4.071796	4.105353	.2079232	1.226214

#1	.0161442	.0509391	.0184977	.0642067	.1125901	.3717651
#2	.0182641	.0527565	.0180360	.0681205	.1121236	.3774202
#3	.0168507	.0546128	.0195226	.0695408	.1123800	.3683788

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3796022	.0098481	.0092797	9.524040	.0207851	.0909881
Stddev	.0009251	.0001070	.0001504	.060787	.0001600	.0008699
%RSD	.2436997	1.086760	1.620642	.6382451	.7698626	.9561131

#1	.3785443	.0098814	.0091061	9.463418	.0209665	.0900088
#2	.3802594	.0099346	.0093612	9.584990	.0207245	.0912838
#3	.3800029	.0097284	.0093717	9.523711	.0206642	.0916715

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0524083	.2094566	.0311554	9.249618	.0764537	.0182868
Stddev	.0043718	.0053892	.0001111	.039745	.0008620	.0004475
%RSD	8.341737	2.572960	.3565635	.4296985	1.127497	2.447251

#1	.0517419	.2032495	.0311549	9.284478	.0755059	.0178697
#2	.0484080	.2129449	.0312667	9.258040	.0766645	.0187595
#3	.0570750	.2121753	.0310446	9.206337	.0771908	.0182310

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.063900	.1061082	.1216360	9.108508	F .0033854	.0098328
Stddev	.256171	.0021070	.0013284	.035567	.0002853	.0005719
%RSD	2.826282	1.985676	1.092147	.3904856	8.426240	5.816340

#1	9.174599	.1051580	.1202162	9.149025	.0033842	.0100003
#2	8.770995	.1085230	.1218428	9.094065	.0031008	.0091958
#3	9.246108	.1046437	.1228489	9.082434	.0036713	.0103022

Sample Name: PB110128BS Acquired: 6/12/2018 16:21:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) 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	.0193871	.1584434	.1826724	F .0141495	.1960374	.0886947
Stddev	.0001348	.0066300	.0014123	.0005498	.0014372	.0003826
%RSD	.6951761	4.184463	.7731293	3.885632	.7331304	.4313286

#1	.0192320	.1513638	.1811171	.0138192	.1949149	.0891266
#2	.0194535	.1594602	.1838746	.0147842	.1976572	.0885589
#3	.0194758	.1645063	.1830257	.0138451	.1955400	.0883985

Elem	Sr4077
Units	ppm
Avg	.1937950
Stddev	.0005356
%RSD	.2763899

#1	.1940558
#2	.1941503
#3	.1931789

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2277.877	2386.049	60540.27	7483.091	3955.416
Stddev	21.209	12.724	385.66	11.775	34.058
%RSD	.9310999	.5332473	.6370305	.1573518	.8610504

#1	2254.663	2400.610	60164.45	7473.496	3994.105
#2	2296.242	2377.071	60935.07	7479.545	3942.185
#3	2282.726	2380.467	60521.29	7496.231	3929.959

Sample Name: J3384-01 Acquired: 6/12/2018 16:26:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G23 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1668150	.0074201	2.043219	-.028354	.0093757	83.95376	1.072953
Stddev	.0052506	.0029058	.000210	.004951	.0009474	.59107	.004617
%RSD	3.147560	39.16086	.0102785	17.46248	10.10514	.7040472	.4303388

#1	.1711779	.0051636	2.043408	-.027179	.0083051	83.32565	1.067862
#2	.1609877	.0106988	2.043257	-.024096	.0101058	84.49907	1.074126
#3	.1682796	.0063978	2.042993	-.033787	.0097163	84.03657	1.076871

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073730	.0615576	33.73541	.1353331	.0881333	.4226745	187.6307
Stddev	.0001607	.0001208	.17254	.0008002	.0001736	.0063892	2.0121
%RSD	2.179959	.1962455	.5114569	.5912609	.1970129	1.511604	1.072359

#1	.0071882	.0614214	33.54264	.1362509	.0883237	.4153935	185.8318
#2	.0074503	.0616518	33.78821	.1347820	.0880924	.4252846	189.8035
#3	.0074805	.0615996	33.87538	.1349665	.0879837	.4273454	187.2568

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.605754	38.57057	.0908092	.0030009	1.177056	.3814648	1.788562
Stddev	.041904	.51351	.0007473	.0003754	.068136	.0036418	.036254
%RSD	.6343502	1.331354	.8229258	12.50996	5.788656	.9546983	2.026997

#1	6.560235	38.04600	.0915283	.0026400	1.105179	.3801358	1.830272
#2	6.614305	39.07226	.0908627	.0029733	1.240703	.3855845	1.764610
#3	6.642723	38.59345	.0900365	.0033893	1.185285	.3786741	1.770804

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.59822	.6960212	.1083551	.0088372	2.922555	6.507796	.0131460
Stddev	.22330	.0040653	.0046768	.0002301	.008795	.046983	.0007941
%RSD	.7297874	.5840747	4.316161	2.603169	.3009320	.7219434	6.040320

#1	30.37841	.6937276	.1082556	.0091000	2.912671	6.455847	.0125609
#2	30.82486	.6936210	.1130808	.0087394	2.925480	6.520230	.0128273
#3	30.59139	.7007150	.1037288	.0086723	2.929515	6.547311	.0140499

Sample Name: J3384-01 Acquired: 6/12/2018 16:26:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0G23 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.592490	.0944770	.3067214
Stddev	.027625	.0011202	.0014647
%RSD	.7689520	1.185674	.4775409

#1	3.563663	.0932097	.3051843
#2	3.618729	.0948861	.3068789
#3	3.595078	.0953351	.3081010

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2557.512	2663.668	67971.18	8566.783	3764.081
Stddev	22.740	6.249	483.54	81.560	6.747
%RSD	.8891528	.2346141	.7113950	.9520466	.1792554

#1	2532.193	2667.478	67453.35	8649.721	3771.838
#2	2564.147	2667.071	68410.93	8486.675	3760.824
#3	2576.198	2656.456	68049.28	8563.955	3759.579

Sample Name: J3384-02 Acquired: 6/12/2018 16:30:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G24 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4727565	.0089114	6.412721	-.023718	.0210278	70.58171	.9639919
Stddev	.0077236	.0012446	.022452	.003385	.0017948	.16692	.0037005
%RSD	1.633743	13.96680	.3501236	14.27148	8.535317	.2364961	.3838683

#1	.4772773	.0082156	6.407822	-.027612	.0191323	70.40715	.9663689
#2	.4638383	.0081702	6.393123	-.021479	.0227013	70.73977	.9597283
#3	.4771538	.0103483	6.437218	-.022064	.0212498	70.59821	.9658784

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074132	.0655648	53.40176	.0978846	.0728724	1.327460	188.3751
Stddev	.0000464	.0000058	.25323	.0013521	.0003351	.002081	1.6225
%RSD	.6251743	.0089267	.4741940	1.381309	.4598754	.1567573	.8613236

#1	.0073637	.0655581	53.51312	.0989066	.0728441	1.326994	186.6303
#2	.0074556	.0655674	53.11194	.0983957	.0725524	1.329734	189.8385
#3	.0074203	.0655688	53.58023	.0963515	.0732208	1.325652	188.6566

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.46788	39.94623	.0839145	.0407033	.9675395	.3682725	8.631781
Stddev	.05425	.47305	.0006028	.0001154	.0826854	.0038147	.071632
%RSD	.5182920	1.184206	.7183008	.2835790	8.545946	1.035838	.8298681

#1	10.47386	39.42742	.0844699	.0406036	1.032408	.3643694	8.561353
#2	10.41088	40.35362	.0832735	.0408298	.995777	.3719922	8.704560
#3	10.51889	40.05765	.0840000	.0406766	.874434	.3684560	8.629431

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.37816	1.034412	.0984856	.0110248	4.945317	5.943877	.0279781
Stddev	.02008	.003830	.0058392	.0003779	.014661	.010445	.0012668
%RSD	.0858854	.3702167	5.928996	3.427463	.2964627	.1757216	4.527878

#1	23.39904	1.030307	.0917515	.0113721	4.943726	5.942740	.0265654
#2	23.37646	1.035041	.1021438	.0110798	4.931516	5.954844	.0283560
#3	23.35899	1.037888	.1015616	.0106224	4.960708	5.934048	.0290130

Sample Name: J3384-02 Acquired: 6/12/2018 16:30:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G24 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.674688	.1137353	.4252568
Stddev	.022100	.0010225	.0013425
%RSD	.4727497	.8990475	.3156857

#1	4.650196	.1128080	.4253749
#2	4.693139	.1148319	.4238592
#3	4.680729	.1135659	.4265364

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2600.566	2700.192	69649.94	8774.953	3764.950
Stddev	8.707	7.125	45.11	24.533	6.726
%RSD	.3347990	.2638687	.0647661	.2795746	.1786584

#1	2610.165	2696.647	69597.85	8791.976	3760.722
#2	2598.357	2708.394	69676.17	8786.051	3772.706
#3	2593.177	2695.535	69675.80	8746.833	3761.421

Sample Name: J3384-03 Acquired: 6/12/2018 16:34:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G25 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3223352	.0057505	4.027526	-.022095	.0148972	60.89689	.7219943
Stddev	.0030895	.0023711	.076769	.001721	.0014857	.06538	.0010852
%RSD	.9584848	41.23308	1.906118	7.790887	9.973210	.1073541	.1503093

#1	.3257821	.0083964	4.115984	-.024021	.0131818	60.94846	.7207565
#2	.3214080	.0050368	3.978302	-.020706	.0157346	60.91886	.7224438
#3	.3198154	.0038182	3.988292	-.021559	.0157752	60.82336	.7227825

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066503	.0411409	51.27475	.1120750	.0597864	.9133226	186.7231
Stddev	.0000489	.0007526	.15447	.0006301	.0010999	.0023475	1.1397
%RSD	.7348594	1.829360	.3012629	.5622300	1.839801	.2570255	.6103668

#1	.0066606	.0419999	51.26337	.1122496	.0610465	.9110954	187.9360
#2	.0065971	.0405972	51.43460	.1125994	.0590187	.9157742	186.5590
#3	.0066932	.0408257	51.12628	.1113760	.0592941	.9130983	185.6744

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.660994	34.39784	.0693006	.0261802	1.008156	.4163968	5.467337
Stddev	.029206	.34461	.0012288	.0002606	.093984	.0097731	.062975
%RSD	.4384687	1.001829	1.773127	.9952330	9.322323	2.347056	1.151832

#1	6.644566	34.78776	.0705763	.0263086	1.093910	.4276239	5.538188
#2	6.694715	34.27164	.0681249	.0258804	.907680	.4097950	5.417739
#3	6.643702	34.13413	.0692006	.0263517	1.022876	.4117715	5.446084

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.10447	.8822667	.1035993	.0067775	5.230075	5.657762	.0195760
Stddev	.02665	.0180755	.0048705	.0001431	.115013	.045241	.0008669
%RSD	.1558016	2.048757	4.701284	2.111224	2.199074	.7996269	4.428184

#1	17.10453	.9031372	.1089653	.0068025	5.362629	5.635648	.0198492
#2	17.07779	.8716312	.0994581	.0069064	5.156717	5.709806	.0202732
#3	17.13109	.8720317	.1023745	.0066236	5.170879	5.627831	.0186054

Sample Name: J3384-03 Acquired: 6/12/2018 16:34:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G25 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.175282	.0933004	.3278182
Stddev	.012531	.0007172	.0008852
%RSD	.3946455	.7686831	.2700345

#1	3.186467	.0929100	.3270156
#2	3.177639	.0928631	.3287677
#3	3.161739	.0941281	.3276713

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2567.369	2641.459	68922.03	8588.628	3759.333
Stddev	9.147	32.563	274.11	41.688	60.343
%RSD	.3562688	1.232771	.3977056	.4853808	1.605140

#1	2560.964	2603.952	68676.40	8609.312	3689.837
#2	2577.844	2662.505	68871.98	8540.643	3798.428
#3	2563.298	2657.921	69217.71	8615.929	3789.735

Sample Name: J3384-04 Acquired: 6/12/2018 16:38:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G26 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1254463	.0067422	1.748760	-.022098	.0090319	70.18926	.9971895
Stddev	.0055969	.0015917	.009118	.001931	.0017267	.19201	.0019556
%RSD	4.461620	23.60741	.5213915	8.739696	19.11796	.2735614	.1961127

#1	.1195912	.0068334	1.754239	-.021351	.0071048	70.15129	.9952635
#2	.1260044	.0082863	1.753807	-.020651	.0095525	70.39741	.9991735
#3	.1307432	.0051069	1.738235	-.024291	.0104385	70.01906	.9971316

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063498	.0553725	33.71284	.1224411	.0744455	.4215623	171.9972
Stddev	.0000264	.0001379	.07046	.0005875	.0005676	.0018222	1.3017
%RSD	.4159766	.2490614	.2090050	.4798021	.7624732	.4322563	.7568388

#1	.0063258	.0554387	33.63785	.1230892	.0745849	.4231426	171.3665
#2	.0063455	.0554649	33.77766	.1222907	.0749304	.4219752	173.4941
#3	.0063781	.0552140	33.72300	.1219436	.0738212	.4195691	171.1309

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.758418	36.26912	.0752277	.0029541	.9311760	.3617974	1.717427
Stddev	.013626	.33307	.0001315	.0001326	.0739892	.0043028	.015185
%RSD	.2366250	.9183236	.1748269	4.490066	7.945776	1.189293	.8841773

#1	5.755629	35.95942	.0753765	.0028797	.9300661	.3606147	1.706336
#2	5.746402	36.62145	.0751794	.0031072	1.005714	.3665679	1.711211
#3	5.773222	36.22650	.0751271	.0028754	.857748	.3582096	1.734734

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.28975	1.018645	.0913450	.0079066	3.265292	8.583791	.0127391
Stddev	.01920	.009702	.0012025	.0002964	.013156	.075233	.0013670
%RSD	.0594667	.9524913	1.316492	3.748667	.4029082	.8764509	10.73071

#1	32.26869	1.029528	.0927135	.0081948	3.278356	8.554600	.0126742
#2	32.29428	1.015508	.0908646	.0076026	3.252046	8.669244	.0141374
#3	32.30629	1.010899	.0904569	.0079223	3.265474	8.527528	.0114057

Sample Name: J3384-04 Acquired: 6/12/2018 16:38:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0G26 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.250974	.0793814	.2279643
Stddev	.010823	.0012427	.0005190
%RSD	.3329074	1.565542	.2276818

#1	3.242085	.0781396	.2273901
#2	3.263026	.0793796	.2281026
#3	3.247812	.0806251	.2284001

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2555.295	2652.815	67904.26	8461.581	3825.808
Stddev	11.484	3.400	186.31	33.524	9.101
%RSD	.4494327	.1281758	.2743752	.3961901	.2378830

#1	2568.432	2650.862	68046.08	8460.915	3815.845
#2	2550.299	2656.742	67693.25	8428.395	3827.896
#3	2547.156	2650.843	67973.45	8495.433	3833.684

Sample Name: J3384-05 Acquired: 6/12/2018 16:42:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G27 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1489004	.0062989	2.382834	-.026188	.0127081	85.09576	1.017752
Stddev	.0027696	.0042511	.012923	.002281	.0009497	.09311	.001672
%RSD	1.860037	67.48875	.5423517	8.708785	7.473590	.1094146	.1643054

#1	.1472138	.0110564	2.368326	-.026206	.0122568	85.18985	1.018204
#2	.1473906	.0049673	2.387066	-.023898	.0137994	85.09375	1.015900
#3	.1520969	.0028731	2.393111	-.028459	.0120682	85.00367	1.019151

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074036	.0556139	27.09136	.1414806	.0771870	.5208533	192.6963
Stddev	.0000246	.0001757	.00500	.0010425	.0002751	.0022470	.5243
%RSD	.3319641	.3160127	.0184547	.7368764	.3564664	.4313997	.2720797

#1	.0074046	.0554704	27.08563	.1411816	.0769727	.5219699	192.7144
#2	.0074277	.0555614	27.09482	.1426399	.0770909	.5182667	193.2114
#3	.0073786	.0558099	27.09363	.1406202	.0774973	.5223232	192.1633

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.676521	39.12700	.0862372	.0040852	.9725827	.4000927	1.679389
Stddev	.010981	.22635	.0002713	.0002532	.1251603	.0028723	.013633
%RSD	.1934454	.5785040	.3145858	6.197089	12.86886	.7179012	.8117725

#1	5.671839	39.12349	.0860417	.0043673	1.085492	.4008277	1.673236
#2	5.689067	39.35509	.0861229	.0040106	.994254	.3969243	1.695014
#3	5.668658	38.90243	.0865469	.0038778	.838002	.4025260	1.669918

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.95232	1.055142	.0965574	.0109794	3.097269	7.878904	.0177313
Stddev	.10005	.004995	.0018880	.0002257	.011159	.026255	.0007706
%RSD	.3036170	.4733557	1.955327	2.055767	.3602987	.3332286	4.346135

#1	33.03924	1.053143	.0980895	.0112204	3.100242	7.877130	.0175657
#2	32.97476	1.060826	.0944481	.0107729	3.106641	7.906001	.0170569
#3	32.84295	1.051456	.0971345	.0109449	3.084924	7.853581	.0185712

Sample Name: J3384-05 Acquired: 6/12/2018 16:42:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0G27 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.442162	.0895453	.2028495
Stddev	.008044	.0005270	.0004295
%RSD	.1810935	.5885451	.2117152

#1	4.440684	.0901192	.2033373
#2	4.450844	.0894337	.2026829
#3	4.434960	.0890830	.2025282

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2581.401	2682.543	69245.37	8651.903	3814.521
Stddev	9.710	8.481	381.31	11.068	14.895
%RSD	.3761536	.3161561	.5506690	.1279285	.3904883

#1	2587.862	2691.333	69572.10	8648.403	3831.684
#2	2586.106	2681.888	69337.60	8643.008	3806.911
#3	2570.235	2674.409	68826.40	8664.298	3804.967

Sample Name: J3384-06 Acquired: 6/12/2018 16:46:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G27D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1530521	.0069508	2.422683	-.029177	.0108496	85.96236	1.030926
Stddev	.0013206	.0034609	.064141	.004684	.0011786	.30226	.001795
%RSD	.8628384	49.79042	2.647533	16.05236	10.86262	.3516152	.1740708

#1	.1543431	.0039309	2.496179	-.032251	.0121952	85.63199	1.031051
#2	.1517038	.0107274	2.393871	-.031493	.0100008	86.22502	1.029072
#3	.1531094	.0061942	2.378001	-.023786	.0103527	86.03008	1.032654

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075473	.0566227	27.43926	.1436448	.0788954	.5285411	195.0371
Stddev	.0000853	.0017497	.08462	.0001502	.0029158	.0021513	1.9119
%RSD	1.130134	3.090127	.3083853	.1045848	3.695797	.4070236	.9802956

#1	.0075010	.0586412	27.49710	.1438183	.0822289	.5291836	193.2182
#2	.0074951	.0556894	27.34214	.1435581	.0776383	.5261417	197.0301
#3	.0076457	.0555376	27.47855	.1435580	.0768189	.5302979	194.8629

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.731048	39.36224	.0877050	.0043075	1.024081	.4056410	1.707489
Stddev	.036356	.37449	.0030280	.0004013	.115153	.0057671	.029109
%RSD	.6343651	.9513895	3.452441	9.317026	11.24454	1.421730	1.704764

#1	5.726663	39.09725	.0910993	.0039794	1.041066	.3992332	1.675502
#2	5.697084	39.79067	.0867345	.0047550	1.129799	.4072749	1.732423
#3	5.769398	39.19879	.0852813	.0041882	.901379	.4104148	1.714542

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.29231	1.079655	.0934915	.0113665	3.140350	7.919018	.0176234
Stddev	.08075	.031398	.0067388	.0001073	.101309	.059996	.0008086
%RSD	.2425550	2.908172	7.207926	.9438298	3.226054	.7576164	4.588010

#1	33.19908	1.115791	.0887809	.0114888	3.257064	7.959601	.0185562
#2	33.33798	1.064136	.1012105	.0113228	3.088855	7.850102	.0171924
#3	33.33988	1.059039	.0904831	.0112880	3.075132	7.947350	.0171216

Sample Name: J3384-06 Acquired: 6/12/2018 16:46:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0G27D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.493189	.0906640	.2048514
Stddev	.028884	.0005581	.0008989
%RSD	.6428400	.6155289	.4388170

#1	4.460933	.0902537	.2038797
#2	4.516661	.0912995	.2050214
#3	4.501974	.0904389	.2056533

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2566.483	2646.930	68588.66	8585.414	3755.764
Stddev	5.655	56.203	114.86	40.651	93.415
%RSD	.2203570	2.123345	.1674642	.4734864	2.487255

#1	2572.278	2582.128	68571.40	8571.355	3648.357
#2	2560.978	2676.266	68483.41	8553.658	3800.846
#3	2566.193	2682.395	68711.18	8631.228	3818.088

Sample Name: J3384-07 Acquired: 6/12/2018 16:50:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G27S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2109125	.1029052	2.379501	.0569968	.1779665	87.34245	4.579601
Stddev	.0050477	.0024959	.012233	.0025120	.0007722	.30660	.008720
%RSD	2.393263	2.425450	.5140934	4.407200	.4339203	.3510376	.1904033

#1	.2142598	.1000564	2.388746	.0573316	.1783715	87.17961	4.569533
#2	.2051066	.1039517	2.365630	.0593246	.1784520	87.69611	4.584752
#3	.2133712	.1047076	2.384127	.0543343	.1770760	87.15162	4.584517

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0957507	.1498986	26.57231	.5076631	1.045979	.9613693	192.7383
Stddev	.0008717	.0010869	.07537	.0018847	.005291	.0077166	1.8198
%RSD	.9103539	.7251032	.2836583	.3712437	.5058377	.8026692	.9441798

#1	.0947598	.1508739	26.51794	.5071879	1.051686	.9525876	193.1072
#2	.0963992	.1487268	26.54063	.5060615	1.041237	.9670667	194.3453
#3	.0960931	.1500950	26.65835	.5097399	1.045014	.9644538	190.7623

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.465569	38.50055	1.064844	.0847022	.9211225	1.328477	2.504201
Stddev	.011250	.31044	.006869	.0004627	.0968247	.003736	.060291
%RSD	.1739988	.8063301	.6450802	.5462526	10.51160	.2812430	2.407603

#1	6.458166	38.59505	1.070548	.0849975	.8094776	1.327158	2.566864
#2	6.478515	38.75276	1.057219	.0841689	.9717887	1.332694	2.499138
#3	6.460026	38.15384	1.066765	.0849400	.9821012	1.325579	2.446601

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.44892	1.056168	.0974581	.0111699	3.045045	7.617361	.0174735
Stddev	.14381	.004436	.0108658	.0001807	.019375	.122864	.0008295
%RSD	.4431827	.4200467	11.14916	1.617281	.6362802	1.612941	4.747372

#1	32.29399	1.057120	.1074234	.0112857	3.063610	7.477095	.0173204
#2	32.57814	1.051333	.0990773	.0112622	3.024950	7.669073	.0167312
#3	32.47463	1.060051	.0858736	.0109617	3.046574	7.705917	.0183689

Sample Name: J3384-07 Acquired: 6/12/2018 16:50:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G27S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.393555	.0905577	.2003587
Stddev	.013942	.0001986	.0002014
%RSD	.3173218	.2193447	.1005428

#1	4.400041	.0905196	.2002085
#2	4.403072	.0903808	.2005876
#3	4.377552	.0907726	.2002800

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2560.291	2664.394	68551.52	8630.822	3785.495
Stddev	26.609	4.530	344.84	53.897	16.922
%RSD	1.039307	.1700014	.5030333	.6244726	.4470282

#1	2531.793	2659.189	68209.59	8686.816	3766.683
#2	2564.593	2667.443	68545.79	8579.300	3799.478
#3	2584.488	2666.549	68899.19	8626.348	3790.324

Sample Name: J3384-05LX5 Acquired: 6/12/2018 16:54:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G27L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0372868	.0028246	.4684586	-.005378	.0022896	18.27946	.2203910
Stddev	.0007890	.0013012	.0056312	.002307	.0009325	.05432	.0013036
%RSD	2.115976	46.06671	1.202075	42.89228	40.72823	.2971606	.5915118

#1	.0370751	.0017909	.4636643	-.003336	.0016941	18.32044	.2216227
#2	.0366253	.0042858	.4670516	-.007881	.0033643	18.30008	.2205245
#3	.0381601	.0023971	.4746600	-.004918	.0018105	18.21785	.2190257

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016973	.0106531	5.849936	.0319391	.0149516	.1129353	42.70585
Stddev	.0000824	.0000310	.015495	.0004926	.0001561	.0033310	.13531
%RSD	4.853529	.2912167	.2648825	1.542368	1.044261	2.949518	.3168427

#1	.0016979	.0106562	5.867631	.0315223	.0148835	.1148334	42.67609
#2	.0017793	.0106824	5.843382	.0324827	.0148411	.1148834	42.85356
#3	.0016146	.0106206	5.838794	.0318122	.0151302	.1090890	42.58789

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.238966	8.475152	.0178333	.0012875	.0079697	.0852120	.3557055
Stddev	.006174	.035368	.0002040	.0003557	.1807139	.0069231	.0110798
%RSD	.4983373	.4173146	1.143997	27.62351	2267.512	8.124600	3.114883

#1	1.239797	8.493114	.0175978	.0015739	.1940270	.0924938	.3648013
#2	1.244683	8.497934	.0179532	.0013991	-.003239	.0844277	.3433658
#3	1.232419	8.434407	.0179490	.0008894	-.166879	.0787144	.3589495

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.858690	.2036408	.0140838	.0025358	.5828121	1.700223	.0023468
Stddev	.060670	.0013339	.0019932	.0001134	.0049829	.010717	.0012594
%RSD	.8845774	.6550238	14.15267	4.471258	.8549809	.6303381	53.66452

#1	6.822005	.2051418	.0141114	.0026253	.5884603	1.692098	.0020800
#2	6.928719	.2025912	.0120768	.0025738	.5809383	1.712369	.0037183
#3	6.825345	.2031893	.0160630	.0024083	.5790378	1.696202	.0012422

Sample Name: J3384-05LX5 Acquired: 6/12/2018 16:54:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G27L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9661086	.0170631	.0439420
Stddev	.0047790	.0003804	.0001798
%RSD	.4946646	2.229059	.4091701

#1	.9695418	.0167995	.0439507
#2	.9681336	.0174991	.0441174
#3	.9606506	.0168906	.0437581

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2346.703	2466.020	62605.83	7721.800	3949.747
Stddev	13.075	6.432	130.06	66.916	13.547
%RSD	.5571777	.2608245	.2077425	.8665848	.3429732

#1	2338.265	2465.974	62567.32	7742.080	3952.565
#2	2361.765	2472.474	62750.80	7647.090	3961.663
#3	2340.080	2459.610	62499.38	7776.230	3935.013

Sample Name: J3384-08 Acquired: 6/12/2018 16:58:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G28 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2203675	.0045310	1.110254	-.024054	.0067481	36.68527	.4890908
Stddev	.0098787	.0026264	.054318	.002607	.0010841	.10025	.0008487
%RSD	4.482843	57.96554	4.892428	10.83834	16.06529	.2732636	.1735310

#1	.2184674	.0048940	1.081145	-.022990	.0056850	36.73615	.4881715
#2	.2115769	.0069570	1.076695	-.027025	.0067071	36.56978	.4892562
#3	.2310583	.0017420	1.172923	-.022147	.0078520	36.74987	.4898446

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041626	.0216430	70.44590	.0930504	.0473233	.2626864	155.0562
Stddev	.0001407	.0011329	.10907	.0003199	.0028665	.0022358	.9235
%RSD	3.380950	5.234368	.1548312	.3437393	6.057249	.8511368	.5955810

#1	.0040525	.0210936	70.38800	.0927126	.0458119	.2615053	155.6229
#2	.0043211	.0208896	70.57171	.0933486	.0455288	.2652651	153.9905
#3	.0041140	.0229458	70.37798	.0930899	.0506292	.2612889	155.5550

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.493264	51.73435	.0514469	-.000582	.6430057	.3851634	2.702188
Stddev	.009321	.32362	.0021403	.000143	.2142922	.0062116	.009930
%RSD	.1696873	.6255474	4.160179	24.49183	33.32665	1.612722	.3674718

#1	5.498096	52.05966	.0497468	-.000560	.4537798	.3901097	2.711637
#2	5.482518	51.41244	.0507435	-.000735	.8756996	.3871885	2.703090
#3	5.499177	51.73094	.0538503	-.000452	.5995378	.3781919	2.691839

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.73788	.6746600	.0686283	.0042557	1.179274	2.735078	.0077557
Stddev	.12658	.0303648	.0021608	.0001288	.048583	.017931	.0012789
%RSD	.9937290	4.500758	3.148560	3.026068	4.119710	.6556113	16.49023

#1	12.82798	.6556047	.0710936	.0043861	1.152327	2.737086	.0062844
#2	12.59316	.6586985	.0670627	.0042524	1.150136	2.716226	.0086008
#3	12.79249	.7096767	.0677286	.0041286	1.235358	2.751920	.0083821

Sample Name: J3384-08 Acquired: 6/12/2018 16:58:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0G28 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.195285	.0670253	.1249056
Stddev	.012374	.0005985	.0002372
%RSD	.5636667	.8930106	.1898865

#1	2.197363	.0676110	.1250765
#2	2.182003	.0664147	.1250055
#3	2.206488	.0670504	.1246349

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2514.472	2567.302	67583.64	8451.056	3682.476
Stddev	10.520	96.085	128.38	33.534	152.965
%RSD	.4183744	3.742651	.1899629	.3968065	4.153874

#1	2511.316	2619.420	67699.32	8440.704	3757.913
#2	2526.208	2626.067	67445.51	8488.546	3783.069
#3	2505.891	2456.419	67606.11	8423.918	3506.445

Sample Name: J3384-09 Acquired: 6/12/2018 17:02:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GL1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1529697	.0089486	1.830165	-.031283	.0096499	76.71204	1.105185
Stddev	.0033102	.0029101	.008289	.005517	.0003783	2.12193	.033269
%RSD	2.163966	32.51979	.4529105	17.63702	3.920570	2.766092	3.010294

#1	.1509590	.0072378	1.831963	-.037476	.0092713	75.72175	1.090652
#2	.1511598	.0072994	1.821124	-.026892	.0096505	75.26629	1.081654
#3	.1567902	.0123087	1.837407	-.029481	.0100279	79.14807	1.143248

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069371	.0588203	35.25773	.1352302	.0710265	.5898492	197.3062
Stddev	.0002006	.0001522	1.16018	.0014168	.0002768	.0217272	4.4430
%RSD	2.890992	.2586976	3.290580	1.047681	.3896544	3.683509	2.251856

#1	.0069286	.0589847	34.83762	.1367941	.0712095	.5806418	195.4369
#2	.0067410	.0586843	34.36614	.1348640	.0711618	.5742418	194.1032
#3	.0071418	.0587919	36.56945	.1340325	.0707081	.6146639	202.3784

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.241028	37.41506	.0812065	.0050454	.8920366	.4219561	2.248833
Stddev	.204417	.87841	.0008199	.0008215	.0595321	.0126400	.014109
%RSD	3.275372	2.347749	1.009631	16.28140	6.673723	2.995567	.6273925

#1	6.173067	36.84622	.0818002	.0041193	.8290590	.4168621	2.263894
#2	6.079247	36.97220	.0802710	.0053305	.8996624	.4126580	2.246683
#3	6.470769	38.42675	.0815483	.0056863	.9473882	.4363482	2.235923

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.93270	1.109965	.1031172	.0073854	3.232067	9.020558	.0161969
Stddev	.90466	.005404	.0012513	.0002608	.015055	.257143	.0017404
%RSD	3.126788	.4868627	1.213421	3.530772	.4658004	2.850629	10.74492

#1	28.47118	1.107235	.1040329	.0076380	3.248730	8.910261	.0174571
#2	28.35188	1.116189	.1036273	.0074010	3.228026	8.836964	.0142112
#3	29.97504	1.106471	.1016915	.0071171	3.219445	9.314450	.0169224

Sample Name: J3384-09 Acquired: 6/12/2018 17:02:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GL1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.651242	.0862609	.2269061
Stddev	.095131	.0026523	.0067291
%RSD	2.605432	3.074765	2.965601

#1	3.603456	.0841035	.2244953
#2	3.589477	.0854571	.2217145
#3	3.760792	.0892222	.2345086

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2558.783	2687.416	68126.91	8446.021	3804.069
Stddev	9.524	8.692	325.75	216.537	17.876
%RSD	.3721970	.3234499	.4781497	2.563778	.4699079

#1	2549.452	2685.114	67797.51	8515.771	3795.394
#2	2568.488	2697.028	68134.36	8619.087	3824.626
#3	2558.408	2680.106	68448.88	8203.204	3792.186

Sample Name: J3384-10 Acquired: 6/12/2018 17:06:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GL2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1130149	.0054576	2.133827	-.026688	.0083086	72.76846	.9398667
Stddev	.0023052	.0022657	.012767	.003190	.0015483	.47219	.0060314
%RSD	2.039717	41.51338	.5983368	11.95319	18.63477	.6488872	.6417329

#1	.1144774	.0029103	2.141968	-.026974	.0077317	72.69352	.9347565
#2	.1103576	.0072474	2.119112	-.029724	.0100625	72.33822	.9383239
#3	.1142097	.0062153	2.140400	-.023364	.0071316	73.27363	.9465197

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065083	.0640435	31.70477	.1309822	.0660624	.4207587	176.9510
Stddev	.0000545	.0002687	.20602	.0006212	.0004896	.0029950	1.3525
%RSD	.8372778	.4196260	.6498231	.4742658	.7411691	.7118059	.7643169

#1	.0064741	.0640804	31.53194	.1306297	.0664342	.4189760	177.3212
#2	.0064797	.0637582	31.64961	.1306174	.0655076	.4190836	175.4520
#3	.0065712	.0642919	31.93276	.1316995	.0662454	.4242164	178.0798

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.338232	33.71425	.0753239	.0045326	.8969601	.3729278	1.685660
Stddev	.033235	.21530	.0005809	.0000824	.1021449	.0029626	.007566
%RSD	.6225859	.6385959	.7711626	1.818183	11.38790	.7944066	.4488185

#1	5.302372	33.77712	.0752016	.0044925	.9286640	.3750281	1.681918
#2	5.344325	33.47451	.0748139	.0046274	.9794938	.3742161	1.694368
#3	5.367999	33.89111	.0759562	.0044779	.7827225	.3695392	1.680696

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.58719	.9693157	.0934617	.0065942	3.167094	8.136791	.0154080
Stddev	.22998	.0036153	.0007406	.0001960	.014696	.057700	.0008925
%RSD	.7772877	.3729763	.7924202	2.972428	.4640236	.7091219	5.792332

#1	29.41927	.9723469	.0941661	.0065909	3.176453	8.107504	.0151965
#2	29.49299	.9653143	.0926895	.0063998	3.150156	8.099609	.0146403
#3	29.84931	.9702858	.0935294	.0067918	3.174674	8.203261	.0163873

Sample Name: J3384-10 Acquired: 6/12/2018 17:06:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GL2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.190098	.0805168	.2183111
Stddev	.017035	.0005371	.0012668
%RSD	.5340042	.6670510	.5802741

#1	3.190451	.0810893	.2175597
#2	3.172889	.0804369	.2176000
#3	3.206954	.0800241	.2197737

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2569.000	2630.324	68347.44	8450.440	3807.950
Stddev	15.363	7.569	252.00	26.993	10.831
%RSD	.5980223	.2877690	.3686985	.3194238	.2844330

#1	2585.269	2630.128	68615.88	8448.614	3806.579
#2	2554.740	2637.989	68310.48	8478.299	3819.401
#3	2566.991	2622.854	68115.97	8424.406	3797.870

Sample Name: J3384-11 Acquired: 6/12/2018 17:10:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GL3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1226670	.0036794	1.273234	-.018099	.0093665	56.90314	.8866029
Stddev	.0057618	.0004611	.008112	.003333	.0016005	.41612	.0027513
%RSD	4.697121	12.53261	.6371147	18.41743	17.08718	.7312838	.3103145

#1	.1176112	.0032509	1.264841	-.019466	.0097725	57.16621	.8885750
#2	.1214496	.0036199	1.273828	-.020531	.0076022	57.11981	.8877737
#3	.1289402	.0041674	1.281032	-.014299	.0107250	56.42339	.8834599

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050502	.0327062	46.33284	.1007648	.0479676	.3715503	136.7985
Stddev	.0001407	.0003477	.19647	.0013002	.0000496	.0032733	1.3468
%RSD	2.785700	1.063046	.4240390	1.290376	.1033858	.8809814	.9845054

#1	.0049508	.0323688	46.38473	.0995897	.0479123	.3753153	137.5442
#2	.0052111	.0326867	46.49816	.1005431	.0479822	.3699557	137.6076
#3	.0049886	.0330633	46.11563	.1021617	.0480082	.3693799	135.2438

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.472567	28.89598	.0598648	.0027595	1.230420	.2913386	2.093556
Stddev	.010917	.30733	.0006193	.0004430	.116424	.0049415	.023992
%RSD	.2440971	1.063563	1.034583	16.05427	9.462168	1.696118	1.145981

#1	4.483953	28.96100	.0592415	.0025309	1.103113	.2969169	2.117415
#2	4.471561	29.16559	.0598726	.0032702	1.256668	.2895889	2.093821
#3	4.462188	28.56135	.0604802	.0024776	1.331480	.2875102	2.069433

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.76217	1.333337	.1057115	.0063509	4.996701	7.588722	.0088118
Stddev	.17600	.009141	.0046609	.0004626	.051410	.117692	.0004265
%RSD	.6119105	.6856054	4.409072	7.284231	1.028883	1.550884	4.840061

#1	28.86245	1.323141	.1110866	.0059238	4.937347	7.500184	.0090648
#2	28.86511	1.336072	.1032597	.0062866	5.027267	7.722278	.0090511
#3	28.55895	1.340799	.1027883	.0068423	5.025489	7.543703	.0083193

Sample Name: J3384-11 Acquired: 6/12/2018 17:10:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GL3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.679277	.0639219	.3029770
Stddev	.020317	.0008029	.0010581
%RSD	.7582866	1.256110	.3492328

#1	2.689080	.0648054	.3039643
#2	2.692834	.0637237	.3031067
#3	2.655918	.0632366	.3018600

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2457.879	2577.395	66218.17	8389.040	3838.959
Stddev	6.652	13.363	266.53	67.226	21.751
%RSD	.2706558	.5184527	.4024996	.8013496	.5665920

#1	2456.904	2591.437	66525.92	8392.777	3861.616
#2	2451.768	2575.915	66062.50	8320.024	3837.017
#3	2464.965	2564.835	66066.09	8454.319	3818.243

Sample Name: J3384-12 Acquired: 6/12/2018 17:14:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GL4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1234728	.0006061	1.141079	-.027546	.0111330	64.45653	1.145802
Stddev	.0076935	.0013272	.019957	.001974	.0003124	.19618	.001054
%RSD	6.230887	218.9630	1.748949	7.167846	2.806030	.3043575	.0919579

#1	.1147472	.0018687	1.131251	-.027933	.0113932	64.28576	1.146489
#2	.1292804	-.000777	1.164043	-.029298	.0112194	64.67081	1.144589
#3	.1263909	.000727	1.127942	-.025407	.0107866	64.41303	1.146329

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058596	.0336538	228.0993	.1076443	.0558074	.5229458	154.7254
Stddev	.0000775	.0006439	.8486	.0012947	.0008987	.0035075	1.1303
%RSD	1.322893	1.913189	.3720414	1.202711	1.610307	.6707182	.7305478

#1	.0058597	.0335384	227.4862	.1090968	.0553563	.5202620	153.6338
#2	.0059371	.0343475	227.7438	.1072242	.0568423	.5269146	155.8909
#3	.0057820	.0330754	229.0678	.1066118	.0552236	.5216608	154.6516

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.341753	50.36493	.0727767	.0034897	1.522566	.3434052	1.818111
Stddev	.021268	.33927	.0009387	.0004218	.079067	.0003140	.023499
%RSD	.4898431	.6736219	1.289778	12.08820	5.192990	.0914372	1.292500

#1	4.330866	49.99890	.0725636	.0030691	1.559410	.3437090	1.826208
#2	4.328134	50.66886	.0738035	.0039128	1.576486	.3430819	1.836490
#3	4.366261	50.42702	.0719629	.0034874	1.431802	.3434247	1.791634

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.70679	1.768097	.1404269	.0082405	6.027371	7.497753	.0087104
Stddev	.24029	.033489	.0031970	.0005943	.126184	.053454	.0010977
%RSD	.8672620	1.894072	2.276637	7.211587	2.093508	.7129273	12.60193

#1	27.45620	1.751105	.1395717	.0078388	5.952600	7.437554	.0080874
#2	27.72893	1.806675	.1439646	.0089232	6.173058	7.516046	.0080659
#3	27.93525	1.746509	.1377446	.0079596	5.956455	7.539658	.0099778

Sample Name: J3384-12 Acquired: 6/12/2018 17:14:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GL4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.965220	.1072999	.8422891
Stddev	.012958	.0005389	.0013425
%RSD	.4370038	.5022680	.1593824

#1	2.950710	.1066854	.8411126
#2	2.975639	.1075223	.8420032
#3	2.969311	.1076921	.8437514

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2434.378	2528.495	65821.91	8446.572	3603.318
Stddev	2.801	35.423	349.94	85.486	54.855
%RSD	.1150806	1.400958	.5316409	1.012077	1.522345

#1	2431.868	2552.994	65417.86	8537.665	3636.311
#2	2437.400	2487.879	66026.85	8433.955	3539.996
#3	2433.865	2544.612	66021.04	8368.095	3633.648

Sample Name: J3384-13 Acquired: 6/12/2018 17:18:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GL5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0880533	.0046066	.8476977	-.027933	.0076882	57.36126	.7826602
Stddev	.0024151	.0014316	.0023434	.001577	.0011946	.07256	.0016521
%RSD	2.742729	31.07815	.2764384	5.645539	15.53822	.1265004	.2110866

#1	.0864171	.0030850	.8478048	-.026443	.0090123	57.28182	.7819220
#2	.0908271	.0048076	.8453026	-.029585	.0073612	57.42405	.7845527
#3	.0869157	.0059271	.8499856	-.027772	.0066911	57.37792	.7815060

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056955	.0239045	67.41251	.0929125	.0636163	.4284328	178.1396
Stddev	.0000895	.0000889	.12415	.0008240	.0002328	.0009727	.6673
%RSD	1.571061	.3717677	.1841620	.8868926	.3658867	.2270360	.3745720

#1	.0056067	.0239517	67.27639	.0919611	.0633527	.4293794	177.3706
#2	.0057857	.0238020	67.51950	.0934002	.0637937	.4274359	178.5660
#3	.0056942	.0239598	67.44164	.0933762	.0637023	.4284833	178.4822

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.243059	34.16070	.0922495	-.000202	.9403506	.3333692	1.262657
Stddev	.016702	.20690	.0001968	.000177	.0987703	.0027859	.003221
%RSD	.3936416	.6056686	.2133113	87.49662	10.50356	.8356860	.2551086

#1	4.224119	33.96629	.0923946	-.000231	1.020320	.3312918	1.259064
#2	4.255680	34.13765	.0920255	-.000013	.970788	.3322807	1.263621
#3	4.249377	34.37816	.0923284	-.000364	.829944	.3365350	1.265286

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.65121	1.042079	.1313756	.0085530	5.606599	7.584837	.0080589
Stddev	.05445	.003468	.0036207	.0002600	.022233	.029767	.0015876
%RSD	.2403738	.3327547	2.755967	3.039764	.3965558	.3924498	19.69974

#1	22.63846	1.043320	.1271948	.0085995	5.631148	7.615723	.0072323
#2	22.71090	1.038162	.1334829	.0087866	5.587818	7.582456	.0070551
#3	22.60426	1.044755	.1334489	.0082729	5.600832	7.556332	.0098892

Sample Name: J3384-13 Acquired: 6/12/2018 17:18:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GL5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.613170	.0690274	.3624222
Stddev	.007413	.0002817	.0013260
%RSD	.2836815	.4081024	.3658702

#1	2.607931	.0687130	.3611949
#2	2.609928	.0691124	.3638287
#3	2.621652	.0692568	.3622431

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2471.551	2562.382	66457.17	8324.474	3773.420
Stddev	24.849	7.969	724.72	26.126	5.869
%RSD	1.005393	.3109833	1.090512	.3138465	.1555287

#1	2500.224	2555.164	67289.85	8341.793	3766.781
#2	2456.287	2570.933	66112.92	8337.205	3777.916
#3	2458.142	2561.048	65968.72	8294.422	3775.563

Sample Name: CCV019 Acquired: 6/12/2018 17:22:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.027229	4.954392	24.78555	4.972307	5.080311	373.9180
Stddev	.059661	.046486	.24385	.045033	.067943	1.4244
%RSD	1.186762	.9382876	.9838529	.9056768	1.337382	.3809494

#1	5.020033	4.922500	24.63964	4.961645	5.045959	373.8382
#2	4.971492	4.932945	24.64995	4.933561	5.036404	375.3806
#3	5.090161	5.007730	25.06707	5.021714	5.158571	372.5351

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.05769	.5084729	2.449752	379.6227	15.11540	2.485872
Stddev	.01719	.0026786	.022702	.7897	.03377	.026929
%RSD	.1708921	.5267875	.9267027	.2080355	.2234015	1.083280

#1	10.05475	.5093775	2.436184	378.7175	15.15335	2.469595
#2	10.07615	.5054591	2.437112	379.9795	15.08868	2.471066
#3	10.04215	.5105819	2.475960	380.1711	15.10417	2.516955

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.31209	382.0352	14.75635	392.9654	2.479354	1.350539
Stddev	.08759	4.1627	.05522	3.5247	.026113	.005354
%RSD	.5720126	1.089615	.3741884	.8969504	1.053236	.3964117

#1	15.27656	380.2984	14.71763	391.8034	2.464600	1.346519
#2	15.41186	386.7850	14.73184	396.9244	2.463958	1.356616
#3	15.24786	379.0221	14.81958	390.1683	2.509505	1.348483

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	367.2648	2.570305	15.35799	154.8689	F 6.656477	5.120489
Stddev	1.1145	.025272	.26117	.0908	.067407	.003974
%RSD	.3034558	.9832453	1.700577	.0586192	1.012645	.0776171

#1	367.3888	2.566654	15.21788	154.8047	6.609944	5.116515
#2	368.3121	2.597204	15.65932	154.9728	6.625709	5.120488
#3	366.0935	2.547057	15.19677	154.8293	6.733777	5.124464

Sample Name: CCV019 Acquired: 6/12/2018 17:22:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV019 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.955543	5.306631	5.021885	5.004539	5.087888	5.085388
Stddev	.060863	.049083	.029676	.052008	.033370	.012057
%RSD	1.228183	.9249367	.5909305	1.039211	.6558747	.2370860

#1	4.931279	5.268274	5.036425	4.979617	5.085126	5.091995
#2	4.910554	5.289674	4.987743	4.969682	5.122553	5.092697
#3	5.024795	5.361944	5.041487	5.064318	5.055984	5.071472

Elem	Sr4077
Units	ppm
Avg	5.028309
Stddev	.037065
%RSD	.7371320

#1	5.006930
#2	5.006889
#3	5.071108

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1947.818	1991.463	54474.84	7189.199	3013.940
Stddev	9.735	19.463	70.02	21.681	24.616
%RSD	.4997907	.9773053	.1285292	.3015801	.8167261

#1	1947.838	1999.174	54458.55	7189.256	3029.670
#2	1938.073	2005.889	54414.41	7210.852	3026.578
#3	1957.543	1969.326	54551.57	7167.490	2985.572

Sample Name: CCB019 Acquired: 6/12/2018 17:26:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007267	.0029511	.0008740	.0015467	.0004198	.0022549	-.002306
Stddev	.0027215	.0014429	.0007828	.0020608	.0012503	.0064113	.000337
%RSD	374.4757	48.89358	89.56816	133.2406	297.8593	284.3237	14.60931

#1	-.000116	.0038824	.0016858	.0016669	-.000923	.0079751	-.002078
#2	.003770	.0012890	.0008126	-.000572	.001551	-.004675	-.002692
#3	-.001474	.0036819	.0001237	.003545	.000632	.003465	-.002147

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001233	-.000053	.0139390	-.000226	-.000051	.0000654	-.005787
Stddev	.0000230	.000062	.0035905	.000285	.000150	.0018746	.006448
%RSD	18.64253	117.0397	25.75867	125.9734	294.8317	2868.534	111.4247

#1	.0000971	-.000105	.0143403	-.000464	.000113	.0004415	-.013187
#2	.0001398	-.000069	.0101647	.000089	-.000084	-.001969	-.001367
#3	.0001332	.000016	.0173120	-.000304	-.000182	.001723	-.002808

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005896	.0117462	.0000211	.0003091	-.285280	-.001088	.0089773
Stddev	.0007903	.0270179	.0003396	.0000998	.245200	.003270	.0046763
%RSD	134.0396	230.0145	1606.697	32.28802	85.95050	300.5867	52.09083

#1	-.000319	-.018087	-.000350	.0001981	-.276287	.000273	.0117448
#2	.000967	.034566	.000316	.0003913	-.044701	-.004818	.0035781
#3	.001121	.018760	.000098	.0003380	-.534853	.001282	.0116089

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.179570	-.001229	-.003620	.0002410	-.011572	-.005654	.0002053
Stddev	.015270	.000111	.001156	.0002229	.004267	.001056	.0006786
%RSD	8.503410	9.026923	31.91745	92.48939	36.87095	18.67093	330.5234

#1	-.181557	-.001105	-.004337	.0004427	-.006647	-.004925	.0009140
#2	-.163403	-.001264	-.002287	.0002787	-.014147	-.006865	-.000439
#3	-.193748	-.001318	-.004237	.0000017	-.013921	-.005173	.000141

Sample Name: CCB019 Acquired: 6/12/2018 17:26:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB019 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0014756	-.002689	-.000039
Stddev	.0015653	.000294	.000046
%RSD	106.0795	10.93854	118.9087

#1	.0014210	-.002873	.000009
#2	-.000062	-.002843	-.000042
#3	.003068	-.002349	-.000083

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2298.164	2404.178	61240.64	7499.857	4018.968
Stddev	15.707	2.202	363.68	10.563	.308
%RSD	.6834653	.0915986	.5938574	.1408364	.0076533

#1	2297.147	2401.649	61336.87	7487.750	4019.276
#2	2282.991	2405.210	60838.52	7504.630	4018.661
#3	2314.355	2405.675	61546.52	7507.190	4018.966

Sample Name: J3384-15 Acquired: 6/12/2018 17:30:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FN5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1319314	.0042206	1.237941	-.019614	.0053842	73.12052	.8982734
Stddev	.0035564	.0008665	.001455	.001499	.0004059	.36068	.0024898
%RSD	2.695650	20.52992	.1175137	7.643826	7.539100	.4932623	.2771806

#1	.1320065	.0034538	1.239607	-.018123	.0053128	72.70961	.8973445
#2	.1283380	.0040473	1.237300	-.021121	.0050187	73.38476	.8963816
#3	.1354497	.0051606	1.236917	-.019597	.0058210	73.26719	.9010942

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0155886	.0416001	128.5433	.0831527	.0527112	.2695465	121.5538
Stddev	.0001266	.0001567	.1790	.0005336	.0003525	.0028985	1.4021
%RSD	.8119165	.3767091	.1392692	.6417580	.6686879	1.075330	1.153512

#1	.0156316	.0416566	128.5225	.0833408	.0531170	.2671359	120.0674
#2	.0156881	.0414229	128.3757	.0825506	.0524819	.2687411	122.8529
#3	.0154462	.0417207	128.7319	.0835669	.0525346	.2727625	121.7411

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.888448	43.80921	.0896338	.0009249	.7356141	.2431155	.8908231
Stddev	.006251	.59950	.0003787	.0003970	.0806992	.0050920	.0139974
%RSD	.2164123	1.368423	.4225469	42.92286	10.97032	2.094481	1.571284

#1	2.890777	43.17127	.0899195	.0008018	.8216298	.2413672	.8908806
#2	2.881366	44.36092	.0897776	.0013689	.6615686	.2488513	.9047916
#3	2.893199	43.89544	.0892042	.0006041	.7236438	.2391279	.8767970

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.14388	1.059090	.0740397	.0032195	3.780436	9.053464	.0147904
Stddev	.16426	.004863	.0019831	.0000469	.023409	.068859	.0004602
%RSD	.6282781	.4591800	2.678429	1.457897	.6192118	.7605783	3.111656

#1	25.97742	1.062407	.0717937	.0032659	3.799842	8.999073	.0152789
#2	26.30584	1.053508	.0747760	.0032205	3.754438	9.130886	.0147276
#3	26.14838	1.061356	.0755492	.0031720	3.787027	9.030432	.0143649

Sample Name: J3384-15 Acquired: 6/12/2018 17:30:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FN5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9979164	.0737974	.3645381
Stddev	.0054326	.0010202	.0010378
%RSD	.5443934	1.382428	.2846772

#1	.9920544	.0726654	.3633504
#2	1.002782	.0746458	.3652696
#3	.998913	.0740810	.3649943

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2773.451	2903.476	74398.81	9454.765	3663.010
Stddev	15.701	4.359	133.94	32.772	7.501
%RSD	.5661352	.1501470	.1800241	.3466194	.2047696

#1	2755.334	2905.927	74350.15	9489.262	3658.470
#2	2783.109	2906.057	74550.27	9424.046	3671.667
#3	2781.911	2898.442	74296.01	9450.986	3658.892

Sample Name: J3384-16 Acquired: 6/12/2018 17:34:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FN6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1077912	.0036044	2.400632	-.020557	.0144926	66.75797	.7637784
Stddev	.0060102	.0024889	.022742	.002615	.0015275	1.25341	.0124446
%RSD	5.575744	69.05212	.9473361	12.71953	10.54016	1.877542	1.629351

#1	.1014954	.0049221	2.374378	-.022482	.0160783	66.07367	.7596079
#2	.1084104	.0007337	2.414233	-.017580	.0143688	68.20458	.7777726
#3	.1134678	.0051574	2.413286	-.021607	.0130308	65.99567	.7539546

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088374	.0734225	119.0182	.0871365	.0520555	.5175796	134.5215
Stddev	.0002276	.0004456	1.6783	.0003804	.0004175	.0098516	2.7700
%RSD	2.575150	.6068340	1.410108	.4364968	.8019815	1.903403	2.059164

#1	.0086613	.0729226	118.0571	.0875090	.0516808	.5120337	133.0943
#2	.0090944	.0735674	120.9561	.0867487	.0519801	.5289541	137.7141
#3	.0087565	.0737776	118.0413	.0871517	.0525055	.5117509	132.7562

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.110837	48.44905	.0821111	.0088972	1.042735	.2792938	1.386654
Stddev	.047393	.96847	.0003555	.0005376	.218345	.0014118	.016015
%RSD	1.523486	1.998940	.4329461	6.042171	20.93964	.5054713	1.154907

#1	3.083661	47.85363	.0817702	.0093316	.795691	.2779341	1.387209
#2	3.165562	49.56654	.0820833	.0090639	1.209864	.2807524	1.402384
#3	3.083289	47.92698	.0824796	.0082960	1.122651	.2791950	1.370369

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.51474	1.852307	.0911539	.0046939	4.665279	6.714555	.0227696
Stddev	.50862	.013458	.0032779	.0000734	.037035	.116590	.0021665
%RSD	2.162996	.7265348	3.596057	1.564380	.7938383	1.736372	9.514875

#1	23.13177	1.837730	.0887900	.0046168	4.627802	6.620283	.0211858
#2	24.09184	1.854931	.0948959	.0047630	4.666179	6.844924	.0218844
#3	23.32061	1.864259	.0897757	.0047018	4.701856	6.678458	.0252385

Sample Name: J3384-16 Acquired: 6/12/2018 17:34:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FN6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.378770	.0905047	.2952425
Stddev	.029046	.0024100	.0050638
%RSD	2.106641	2.662873	1.715147

#1	1.362591	.0898768	.2915339
#2	1.412303	.0931665	.3010118
#3	1.361417	.0884707	.2931819

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2595.962	2697.667	69531.47	8810.880	3676.031
Stddev	15.209	10.593	72.63	154.100	28.780
%RSD	.5858882	.3926836	.1044614	1.748975	.7829045

#1	2612.987	2709.847	69607.02	8945.713	3709.241
#2	2591.185	2692.562	69462.15	8642.906	3660.475
#3	2583.715	2690.594	69525.25	8844.023	3658.377

Sample Name: J3384-17 Acquired: 6/12/2018 17:38:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FN8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1156253	.0040197	1.298676	-.026437	.0114760	68.68020	1.301854
Stddev	.0045464	.0013864	.014827	.006337	.0008633	.32380	.002059
%RSD	3.932043	34.48961	1.141685	23.97003	7.522383	.4714580	.1581207

#1	.1111238	.0024192	1.289104	-.023147	.0123420	68.47850	1.301982
#2	.1155367	.0047921	1.291170	-.033743	.0114704	68.50840	1.299735
#3	.1202154	.0048479	1.315755	-.022422	.0106155	69.05369	1.303846

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088497	.0545924	225.9177	.1119274	.0601884	.7645931	170.1426
Stddev	.0001269	.0006955	.1966	.0002162	.0010190	.0096743	1.9289
%RSD	1.434108	1.274080	.0870092	.1931118	1.693082	1.265283	1.133712

#1	.0089091	.0542101	225.9290	.1118572	.0597048	.7544395	168.4855
#2	.0089360	.0541719	225.7158	.1117552	.0595012	.7656363	169.6821
#3	.0087040	.0553952	226.1084	.1121700	.0613592	.7737035	172.2601

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.293182	59.36983	.0963513	.0037807	3.122306	.3515614	3.340023
Stddev	.009560	.42263	.0019839	.0005649	.093042	.0036523	.053937
%RSD	.2226812	.7118542	2.058972	14.94285	2.979902	1.038873	1.614867

#1	4.302935	58.96192	.0946310	.0037468	3.146044	.3492429	3.284715
#2	4.292782	59.34178	.0959015	.0032335	3.019694	.3496699	3.342876
#3	4.283828	59.80578	.0985214	.0043618	3.201178	.3557715	3.392476

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.26591	1.181765	.2532948	.0142181	6.187024	5.408183	.0175508
Stddev	.04971	.017922	.0059604	.0000684	.097143	.017964	.0004116
%RSD	.2048546	1.516572	2.353168	.4807849	1.570102	.3321600	2.345051

#1	24.24366	1.177940	.2484590	.0141526	6.171815	5.408118	.0170785
#2	24.23121	1.166065	.2514715	.0142126	6.098384	5.426179	.0178329
#3	24.32285	1.201292	.2599540	.0142890	6.290875	5.390252	.0177410

Sample Name: J3384-17 Acquired: 6/12/2018 17:38:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FN8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.727272	.0953462	.4924933
Stddev	.011398	.0002985	.0013885
%RSD	.6598964	.3130393	.2819265

#1	1.719927	.0950542	.4939441
#2	1.721488	.0953337	.4923587
#3	1.740403	.0956508	.4911770

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2484.746	2583.881	67141.71	8707.532	3513.563
Stddev	4.999	21.325	165.28	21.621	33.400
%RSD	.2011772	.8253262	.2461599	.2483055	.9505893

#1	2478.988	2594.741	67187.96	8693.973	3532.762
#2	2487.974	2597.590	67278.94	8696.158	3532.929
#3	2487.276	2559.311	66958.24	8732.467	3474.996

Sample Name: J3384-18 Acquired: 6/12/2018 17:42:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FP0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1364293	.0039352	3.357018	-.021255	.0182887	88.96740	1.193521
Stddev	.0064446	.0049150	.080742	.002657	.0012093	.34835	.002360
%RSD	4.723750	124.8989	2.405162	12.50042	6.612246	.3915525	.1977275

#1	.1432702	.0077774	3.343385	-.021521	.0193479	88.97890	1.191889
#2	.1355452	.0056316	3.443709	-.023769	.0169711	89.30986	1.196227
#3	.1304723	-.001603	3.283961	-.018475	.0185471	88.61343	1.192447

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110403	.1080164	128.4913	.1270637	.0678336	.6667152	157.1761
Stddev	.0000451	.0026226	.0822	.0008583	.0016486	.0016194	1.1642
%RSD	.4082341	2.427938	.0639593	.6754656	2.430339	.2428931	.7407289

#1	.0109988	.1076394	128.5338	.1262601	.0674030	.6652498	157.2335
#2	.0110883	.1108071	128.5435	.1269631	.0696547	.6684539	158.3106
#3	.0110337	.1056028	128.3965	.1279678	.0664430	.6664419	155.9843

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.118138	48.82073	.1116581	.0085184	1.415092	.3188194	1.896743
Stddev	.006971	.49341	.0026689	.0002764	.172485	.0045886	.030866
%RSD	.1692654	1.010651	2.390233	3.245255	12.18899	1.439258	1.627305

#1	4.122615	49.01170	.1106761	.0081993	1.216079	.3135378	1.887502
#2	4.110107	49.19011	.1146789	.0086737	1.521431	.3210941	1.931174
#3	4.121693	48.26038	.1096194	.0086823	1.507766	.3218263	1.871553

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.71623	2.447301	.1168053	.0057601	6.393530	7.411402	.0231491
Stddev	.01888	.053497	.0036074	.0002589	.128169	.034484	.0006234
%RSD	.0614775	2.185943	3.088392	4.494640	2.004672	.4652771	2.693064

#1	30.72360	2.437834	.1178592	.0055987	6.376136	7.373472	.0231381
#2	30.73031	2.504899	.1197684	.0056229	6.529508	7.440859	.0237779
#3	30.69477	2.399170	.1127883	.0060587	6.274946	7.419877	.0225312

Sample Name: J3384-18 Acquired: 6/12/2018 17:42:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FP0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.569730	.0952966	.4318295
Stddev	.010409	.0012828	.0003705
%RSD	.6631292	1.346134	.0857965

#1	1.566642	.0949280	.4317009
#2	1.581334	.0967234	.4322471
#3	1.561214	.0942384	.4315404

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2607.823	2708.329	70328.46	8946.916	3589.062
Stddev	6.209	46.754	92.89	21.750	75.912
%RSD	.2381046	1.726299	.1320846	.2431011	2.115105

#1	2604.063	2714.397	70434.12	8954.113	3605.590
#2	2604.416	2658.838	70259.63	8922.480	3506.247
#3	2614.990	2751.753	70291.63	8964.156	3655.348

Sample Name: J3384-19 Acquired: 6/12/2018 17:46:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FP3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1006652	.0026776	1.986514	-.015717	.0180761	60.70156	.8846210
Stddev	.0057280	.0021897	.004659	.002292	.0003505	.21249	.0006550
%RSD	5.690133	81.77992	.2345083	14.58292	1.939101	.3500645	.0740383

#1	.1053925	.0047696	1.989774	-.015288	.0181749	60.90528	.8841964
#2	.1023077	.0004017	1.988589	-.018193	.0176867	60.48126	.8842913
#3	.0942954	.0028615	1.981178	-.013670	.0183665	60.71813	.8853753

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112148	.0924335	108.5338	.0831611	.0474874	.5241511	123.0956
Stddev	.0000998	.0002230	.2550	.0000572	.0003250	.0019032	.6752
%RSD	.8898915	.2412681	.2349746	.0688110	.6844208	.3631099	.5485543

#1	.0113298	.0926899	108.4035	.0831151	.0476261	.5233163	123.8416
#2	.0111515	.0922853	108.3702	.0831430	.0471160	.5228079	122.5263
#3	.0111630	.0923252	108.8277	.0832252	.0477201	.5263291	122.9190

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.456376	38.60675	.0807800	.0104377	1.166439	.2784486	1.353038
Stddev	.008789	.28115	.0000856	.0002620	.201134	.0018520	.019927
%RSD	.2542710	.7282361	.1059824	2.509672	17.24345	.6651241	1.472735

#1	3.446682	38.91451	.0807918	.0103622	1.395594	.2805865	1.331068
#2	3.458625	38.36339	.0806891	.0102218	1.084589	.2774247	1.358102
#3	3.463822	38.54234	.0808591	.0107292	1.019135	.2773346	1.369945

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.72263	1.431334	.1013143	.0077188	7.707388	7.189253	.0149015
Stddev	.06320	.009444	.0018368	.0004470	.047716	.026816	.0006974
%RSD	.2457042	.6598382	1.812975	5.790906	.6190894	.3730022	4.680349

#1	25.71543	1.439272	.1008977	.0081413	7.762328	7.220199	.0144517
#2	25.66334	1.420889	.0997215	.0077644	7.683521	7.172861	.0157049
#3	25.78913	1.433841	.1033236	.0072508	7.676314	7.174698	.0145479

Sample Name: J3384-19 Acquired: 6/12/2018 17:46:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FP3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.171101	.0656281	.3941363
Stddev	.005100	.0008290	.0006809
%RSD	.4354775	1.263185	.1727475

#1	1.176882	.0656086	.3946692
#2	1.167240	.0648090	.3933693
#3	1.169180	.0664667	.3943704

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2677.688	2796.012	72204.35	9178.832	3727.732
Stddev	6.013	2.130	143.86	39.358	9.134
%RSD	.2245633	.0761788	.1992399	.4287890	.2450229

#1	2673.277	2795.629	72083.97	9156.995	3717.228
#2	2684.537	2798.307	72165.41	9224.267	3733.805
#3	2675.249	2794.099	72363.67	9155.235	3732.163

Sample Name: J3384-20 Acquired: 6/12/2018 17:50:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FP4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1418893	.0040078	2.493265	-.020920	.0101126	71.55105	.9262798
Stddev	.0003702	.0015073	.023558	.001622	.0012372	.28147	.0043647
%RSD	.2608904	37.60835	.9448766	7.755208	12.23413	.3933872	.4712022

#1	.1419270	.0044892	2.519278	-.019860	.0113667	71.55510	.9257731
#2	.1415017	.0023186	2.473367	-.020113	.0088930	71.26758	.9221906
#3	.1422392	.0052156	2.487149	-.022788	.0100781	71.83048	.9308757

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106931	.0565378	135.7447	.0956087	.0714295	.4482636	127.7125
Stddev	.0000710	.0006799	.4808	.0006457	.0005134	.0015633	.4224
%RSD	.6641197	1.202582	.3542245	.6753820	.7186957	.3487342	.3307631

#1	.0107119	.0573217	135.3432	.0963354	.0719726	.4500316	127.2301
#2	.0107529	.0561820	135.6132	.0953900	.0709523	.4470643	127.8909
#3	.0106146	.0561096	136.2776	.0951008	.0713636	.4476948	128.0165

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.108449	43.35388	.0962684	.0058788	4.381415	.2573257	1.422103
Stddev	.012074	.08868	.0014723	.0001972	.131803	.0045155	.007715
%RSD	.3884263	.2045566	1.529375	3.354721	3.008238	1.754765	.5425289

#1	3.095686	43.37329	.0978338	.0057910	4.317623	.2621045	1.415965
#2	3.109971	43.25710	.0949114	.0061047	4.532977	.2567423	1.419579
#3	3.119689	43.43125	.0960601	.0057407	4.293644	.2531303	1.430764

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.28204	1.078549	.1040906	.0058478	3.722343	6.907916	.0141828
Stddev	.06609	.009870	.0028908	.0003695	.032118	.051642	.0007729
%RSD	.2514727	.9151152	2.777195	6.318506	.8628556	.7475716	5.449301

#1	26.33098	1.089754	.1052438	.0061424	3.752529	6.882578	.0132962
#2	26.20685	1.071143	.1008012	.0054332	3.688590	6.967332	.0147145
#3	26.30827	1.074751	.1062268	.0059678	3.725909	6.873837	.0145377

Sample Name: J3384-20 Acquired: 6/12/2018 17:50:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FP4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.482211	.0843087	.3738302
Stddev	.006329	.0002561	.0000967
%RSD	.4270086	.3037689	.0258774

#1	1.477817	.0842187	.3737406
#2	1.479349	.0841097	.3739328
#3	1.489465	.0845976	.3738173

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2665.095	2825.360	72008.81	9264.360	3622.129
Stddev	24.352	18.096	503.03	16.997	28.211
%RSD	.9137398	.6404908	.6985627	.1834631	.7788629

#1	2650.849	2804.510	71430.15	9283.881	3589.653
#2	2693.214	2834.594	72341.69	9252.849	3640.575
#3	2651.223	2836.977	72254.59	9256.349	3636.159

Sample Name: J3384-21 Acquired: 6/12/2018 17:54:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FP5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1476937	.0036604	1.261431	-.022836	.0096363	94.08515	1.207296
Stddev	.0021955	.0005303	.004703	.003169	.0027483	.11347	.000632
%RSD	1.486535	14.48743	.3727976	13.87606	28.52055	.1206020	.0523829

#1	.1459988	.0040581	1.266791	-.019526	.0065649	94.06269	1.206929
#2	.1501739	.0030583	1.257999	-.025842	.0118635	94.20817	1.208026
#3	.1469085	.0038648	1.259504	-.023141	.0104804	93.98459	1.206933

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105156	.0409486	246.4084	.1061916	.0712154	.3057428	150.4691
Stddev	.0000394	.0002279	.2964	.0002198	.0005126	.0005889	.1757
%RSD	.3749299	.5565518	.1203003	.2069972	.7197476	.1926304	.1167517

#1	.0104973	.0412051	246.6237	.1063870	.0706591	.3052934	150.4647
#2	.0105609	.0407694	246.0703	.1059536	.0713184	.3064095	150.6469
#3	.0104887	.0408712	246.5313	.1062342	.0716686	.3055253	150.2956

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.840135	62.52544	.1175153	.0000654	1.793417	.2875682	.9507062
Stddev	.011057	.07266	.0007229	.0002274	.140980	.0032512	.0100155
%RSD	.2879400	.1162017	.6151164	347.7225	7.860980	1.130569	1.053478

#1	3.849661	62.44159	.1170849	.0001452	1.844276	.2912696	.9392503
#2	3.828010	62.56501	.1171111	-.000191	1.901912	.2851746	.9578058
#3	3.842734	62.56972	.1183498	.000242	1.634065	.2862604	.9550626

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.48350	1.332489	.1062667	.0040210	2.562719	6.697384	.0077440
Stddev	.12658	.003322	.0028734	.0001219	.004299	.041684	.0001173
%RSD	.3567421	.2493315	2.703991	3.031604	.1677333	.6223910	1.515279

#1	35.33857	1.336303	.1029524	.0041394	2.567622	6.730440	.0078635
#2	35.57235	1.330934	.1077887	.0038959	2.560934	6.711154	.0076290
#3	35.53960	1.330228	.1080591	.0040278	2.559600	6.650557	.0077394

Sample Name: J3384-21 Acquired: 6/12/2018 17:54:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FP5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.766350	.1108630	.5677842
Stddev	.004724	.0005081	.0005737
%RSD	.2674168	.4582694	.1010489

#1	1.767783	.1103254	.5672813
#2	1.770192	.1109285	.5684092
#3	1.761077	.1113351	.5676623

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2559.105	2675.799	68922.94	8864.689	3527.948
Stddev	17.970	3.140	132.80	6.993	3.345
%RSD	.7022128	.1173566	.1926816	.0788836	.0948268

#1	2577.947	2675.228	69074.60	8858.125	3525.943
#2	2557.211	2679.185	68866.72	8872.043	3531.810
#3	2542.156	2672.983	68827.49	8863.899	3526.091

Sample Name: J3380-09A Acquired: 6/12/2018 18:02:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0G61A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.179435	.0205669	8.153593	-.029097	.0279663	100.2372	1.246930
Stddev	.018191	.0012259	.108160	.003046	.0015448	.4815	.002759
%RSD	1.542342	5.960641	1.326532	10.46769	5.523695	.4803231	.2212759

#1	1.200378	.0206175	8.275956	-.029196	.0280412	100.7765	1.248693
#2	1.167567	.0217667	8.070754	-.032092	.0263855	99.8505	1.243751
#3	1.170361	.0193164	8.114070	-.026003	.0294723	100.0846	1.248347

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092125	.2673690	39.63380	.1301623	.3773733	1.292817	213.6808
Stddev	.0000339	.0042263	.09562	.0009870	.0061998	.012212	2.3973
%RSD	.3676761	1.580682	.2412673	.7582984	1.642871	.9445835	1.121905

#1	.0091975	.2721856	39.72523	.1291484	.3843479	1.296787	216.4158
#2	.0091887	.2642814	39.53447	.1311200	.3724886	1.279114	211.9436
#3	.0092513	.2656401	39.64170	.1302186	.3752834	1.302550	212.6829

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.76411	52.52742	.3654384	.0469102	1.117582	.4300465	7.305504
Stddev	.04461	.59633	.0053574	.0003811	.038701	.0030498	.025628
%RSD	.3495328	1.135282	1.466027	.8123480	3.462919	.7091835	.3508015

#1	12.71356	53.21554	.3713859	.0473415	1.089792	.4311374	7.330473
#2	12.79799	52.20525	.3609907	.0467700	1.161785	.4266013	7.279265
#3	12.78078	52.16146	.3639386	.0466191	1.101170	.4324009	7.306773

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.37957	1.288006	.0989167	.0113271	2.936253	14.79930	.0204696
Stddev	.09006	.017895	.0028892	.0002547	.046177	.10247	.0024482
%RSD	.2286933	1.389364	2.920830	2.248608	1.572641	.6924247	11.96006

#1	39.47752	1.308668	.1021073	.0116067	2.989509	14.90887	.0217763
#2	39.36082	1.277547	.0981652	.0111082	2.911893	14.70583	.0176453
#3	39.30035	1.277801	.0964774	.0112664	2.907357	14.78320	.0219872

Sample Name: J3380-09A Acquired: 6/12/2018 18:02:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0G61A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.890552	.1459722	.2903030
Stddev	.034049	.0007754	.0002088
%RSD	.5780264	.5312145	.0719135

#1	5.929778	.1466394	.2901753
#2	5.868626	.1461558	.2905439
#3	5.873254	.1451215	.2901899

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2630.761	2724.017	70691.98	8639.183	3653.081
Stddev	6.859	30.130	179.93	28.443	49.619
%RSD	.2607413	1.106072	.2545208	.3292376	1.358270

#1	2635.685	2689.315	70757.59	8614.478	3597.142
#2	2633.672	2743.524	70829.89	8670.278	3691.782
#3	2622.926	2739.210	70488.46	8632.793	3670.320

Sample Name: J3384-22 Acquired: 6/12/2018 18:06:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FS7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2172744	.0076083	3.510732	-.027110	.0215891	108.5274	1.422151
Stddev	.0028571	.0009287	.011598	.001485	.0004095	.5732	.006441
%RSD	1.314964	12.20654	.3303604	5.477003	1.896628	.5281909	.4529386

#1	.2204029	.0070196	3.501201	-.025834	.0220549	108.5876	1.416738
#2	.2148035	.0086789	3.507350	-.028739	.0214269	107.9265	1.420439
#3	.2166169	.0071264	3.523645	-.026756	.0212856	109.0682	1.429275

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110131	.1103935	166.2369	.1371392	.0956213	.7499202	192.7255
Stddev	.0001342	.0003995	.6346	.0014300	.0003806	.0062297	1.3584
%RSD	1.218831	.3618722	.3817734	1.042769	.3979820	.8307135	.7048359

#1	.0108682	.1101432	165.6612	.1380885	.0951825	.7471281	193.4295
#2	.0110377	.1101830	166.1319	.1354944	.0958211	.7455750	191.1596
#3	.0111333	.1108542	166.9175	.1378346	.0958603	.7570575	193.5873

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.732189	60.09828	.1317281	.0138370	1.385541	.4080590	2.308528
Stddev	.054972	.34352	.0005142	.0004481	.172836	.0072149	.009014
%RSD	.6295304	.5716044	.3903853	3.238078	12.47429	1.768099	.3904478

#1	8.686999	60.24649	.1312055	.0139981	1.382424	.4130000	2.303374
#2	8.716179	59.70553	.1317451	.0133306	1.559915	.3997795	2.303274
#3	8.793388	60.34282	.1322336	.0141822	1.214284	.4113976	2.318935

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.61072	1.320132	.1228086	.0061873	4.467244	7.693217	.0169689
Stddev	.09885	.006656	.0009909	.0005972	.015538	.049726	.0016430
%RSD	.2434057	.5042138	.8068362	9.652344	.3478146	.6463598	9.682671

#1	40.59058	1.315621	.1237929	.0056792	4.449967	7.698562	.0165339
#2	40.52350	1.327776	.1218113	.0068451	4.480070	7.641035	.0155871
#3	40.71810	1.316998	.1228216	.0060374	4.471696	7.740054	.0187857

Sample Name: J3384-22 Acquired: 6/12/2018 18:06:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FS7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.668653	.1353903	.5006737
Stddev	.017564	.0014415	.0023409
%RSD	.4787488	1.064694	.4675429

#1	3.674149	.1341387	.4988265
#2	3.648999	.1350658	.4998882
#3	3.682812	.1369664	.5033062

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2604.085	2720.075	70156.44	8516.645	3573.766
Stddev	7.509	4.990	233.83	21.670	8.410
%RSD	.2883727	.1834667	.3332963	.2544466	.2353194

#1	2595.514	2725.837	69959.80	8522.832	3578.924
#2	2609.506	2717.283	70414.99	8534.548	3578.313
#3	2607.236	2717.106	70094.54	8492.554	3564.062

Sample Name: J3364-01A Acquired: 6/12/2018 18:10:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GK2A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1284473	.0570440	1.079475	-.032028	.0073272	85.43384	3.515306
Stddev	.0018051	.0006282	.004729	.003313	.0009879	.26235	.016140
%RSD	1.405354	1.101295	.4380564	10.34527	13.48257	.3070801	.4591364

#1	.1264175	.0575907	1.084339	-.030083	.0084212	85.73673	3.533939
#2	.1298726	.0563577	1.074894	-.030147	.0070598	85.28715	3.506312
#3	.1290518	.0571835	1.079192	-.035853	.0065004	85.27765	3.505666

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075880	.1112907	67.31438	.6126267	.2914217	.3529450	214.3357
Stddev	.0000436	.0003216	.16113	.0407559	.0014815	.0057953	.2250
%RSD	.5752236	.2890045	.2393664	6.652651	.5083689	1.641991	.1049738

#1	.0075488	.1116245	67.47725	.5895976	.2928793	.3463010	214.2812
#2	.0075802	.1109828	67.31083	.5885986	.2899174	.3555752	214.1430
#3	.0076350	.1112648	67.15505	.6596841	.2914685	.3569588	214.5830

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.032390	47.68156	.3447577	-.002686	1.312094	.5552520	.8315579
Stddev	.002943	.10335	.0004344	.001416	.144852	.0025482	.0426795
%RSD	.0584766	.2167475	.1259931	52.73317	11.03978	.4589310	5.132480

#1	5.035061	47.80088	.3449079	-.002268	1.223685	.5523663	.8061330
#2	5.032875	47.62371	.3442682	-.001526	1.479262	.5571928	.8077092
#3	5.029236	47.62009	.3450971	-.004264	1.233334	.5561968	.8808316

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.21013	1.176611	.1081698	.0082877	3.309130	15.15764	.0107096
Stddev	.10577	.007450	.0043070	.0001080	.020326	.07663	.0011818
%RSD	.3500992	.6332088	3.981687	1.303245	.6142380	.5055421	11.03519

#1	30.33221	1.185193	.1131416	.0081635	3.332360	15.07977	.0120735
#2	30.14613	1.172845	.1057864	.0083398	3.300420	15.16019	.0099880
#3	30.15205	1.171796	.1055812	.0083597	3.294611	15.23296	.0100674

Sample Name: J3364-01A Acquired: 6/12/2018 18:10:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GK2A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.609786	.0945789	.2925346
Stddev	.013076	.0001427	.0006972
%RSD	.3622397	.1508294	.2383458

#1	3.624689	.0944235	.2930783
#2	3.600235	.0946093	.2927770
#3	3.604435	.0947039	.2917485

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2445.065	2601.441	66122.66	8171.913	3664.452
Stddev	118.987	3.450	3164.48	28.048	8.160
%RSD	4.866397	.1326368	4.785766	.3432204	.2226679

#1	2516.205	2597.903	68116.00	8188.514	3655.600
#2	2511.289	2601.624	67778.13	8139.529	3671.672
#3	2307.700	2604.796	62473.85	8187.695	3666.086

Sample Name: J3386-01 Acquired: 6/12/2018 18:14:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FS8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1322304	.0048244	2.673274	-.017225	.0231787	86.32644	1.508765
Stddev	.0083185	.0030853	.003690	.002624	.0014848	.26713	.001815
%RSD	6.290947	63.95235	.1380478	15.23622	6.405732	.3094404	.1203219

#1	.1411385	.0069435	2.669151	-.017363	.0234486	86.42027	1.509025
#2	.1246648	.0062450	2.676268	-.014534	.0245100	86.02506	1.510436
#3	.1308878	.0012847	2.674402	-.019778	.0215775	86.53400	1.506833

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0120849	.1208185	291.0861	.1071907	.0673248	.7861120	143.6202
Stddev	.0000969	.0003566	.4015	.0007442	.0002065	.0021228	1.0439
%RSD	.8019818	.2951191	.1379337	.6942735	.3066594	.2700396	.7268378

#1	.0121743	.1204221	291.1329	.1063319	.0670864	.7836806	143.7351
#2	.0119819	.1209206	291.4621	.1076467	.0674419	.7870585	142.5236
#3	.0120984	.1211129	290.6632	.1075934	.0674461	.7875969	144.6018

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.638253	58.73862	.1212820	.0209876	1.823275	.3127053	1.490465
Stddev	.007603	.50204	.0006337	.0005245	.142992	.0044206	.007995
%RSD	.2089670	.8547004	.5225437	2.499201	7.842584	1.413657	.5364099

#1	3.646964	59.01920	.1205950	.0209163	1.658670	.3138450	1.493224
#2	3.632950	58.15902	.1218438	.0205024	1.916779	.3078265	1.496715
#3	3.634847	59.03765	.1214074	.0215441	1.894376	.3164444	1.481456

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.13040	1.535851	.1134384	.0053459	8.349983	2.899105	.0196396
Stddev	.11521	.001170	.0020355	.0002074	.046765	.030946	.0004076
%RSD	.4095444	.0761573	1.794380	3.880386	.5600590	1.067417	2.075537

#1	28.04578	1.534520	.1121983	.0051519	8.310157	2.922513	.0191943
#2	28.08381	1.536319	.1157876	.0053212	8.338314	2.864020	.0197300
#3	28.26160	1.536715	.1123294	.0055645	8.401477	2.910781	.0199944

Sample Name: J3386-01 Acquired: 6/12/2018 18:14:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FS8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.310758	.1071632	.7582062
Stddev	.005405	.0016057	.0011420
%RSD	.4123618	1.498339	.1506178

#1	1.316197	.1084805	.7581186
#2	1.305388	.1053746	.7571105
#3	1.310690	.1076345	.7593894

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2547.942	2655.404	69412.22	8414.355	3477.688
Stddev	9.162	6.075	84.47	35.467	2.942
%RSD	.3595766	.2287888	.1216899	.4215036	.0845973

#1	2556.517	2649.057	69496.49	8409.625	3480.978
#2	2538.289	2655.989	69412.62	8451.950	3476.776
#3	2549.022	2661.166	69327.55	8381.491	3475.309

Sample Name: J3386-02 Acquired: 6/12/2018 18:18:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FS9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1397100	.0092491	4.525878	-.008626	.0368091	70.85536	.9945957
Stddev	.0043875	.0021598	.161940	.004803	.0009372	.32966	.0018545
%RSD	3.140467	23.35161	3.578097	55.68247	2.545990	.4652522	.1864615

#1	.1356611	.0088988	4.340024	-.004769	.0360412	71.00478	.9931420
#2	.1443717	.0072859	4.600963	-.014006	.0365327	70.47746	.9939608
#3	.1390972	.0115627	4.636647	-.007102	.0378534	71.08385	.9966843

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088269	.1740767	110.0497	.0874642	.0533086	1.021156	110.1460
Stddev	.0001563	.0070539	.2321	.0002530	.0019783	.002618	.9700
%RSD	1.770369	4.052195	.2109413	.2893010	3.711057	.2563441	.8806267

#1	.0088245	.1659554	109.8205	.0875186	.0510312	1.021167	110.5384
#2	.0086719	.1775973	110.0439	.0871884	.0542928	1.018532	109.0413
#3	.0089844	.1786773	110.2847	.0876856	.0546018	1.023767	110.8583

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.988521	41.56777	.1129221	.0259731	1.228784	.2536102	2.374002
Stddev	.017273	.27191	.0043378	.0004452	.063409	.0039575	.021486
%RSD	.4330788	.6541328	3.841397	1.714150	5.160331	1.560465	.9050507

#1	3.982740	41.61269	.1079192	.0262009	1.296422	.2567336	2.356550
#2	3.974879	41.27620	.1152130	.0254601	1.219247	.2549373	2.367458
#3	4.007943	41.81442	.1156341	.0262584	1.170684	.2491597	2.398000

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.82626	2.017806	.1502896	.0066850	11.98613	5.897839	.0206312
Stddev	.11348	.071951	.0022574	.0003668	.46676	.031802	.0028945
%RSD	.3936739	3.565825	1.502038	5.486465	3.894187	.5392104	14.02970

#1	28.78112	1.935831	.1495509	.0063673	11.45193	5.931335	.0172974
#2	28.74230	2.047085	.1484941	.0066013	12.19127	5.868058	.0225036
#3	28.95537	2.070503	.1528238	.0070864	12.31520	5.894124	.0220927

Sample Name: J3386-02 Acquired: 6/12/2018 18:18:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FS9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.150995	.0773947	.5498660
Stddev	.007019	.0009797	.0020718
%RSD	.6097932	1.265887	.3767872

#1	1.149692	.0764361	.5483203
#2	1.144720	.0783943	.5490576
#3	1.158574	.0773535	.5522202

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2529.188	2560.562	68448.32	8085.701	3597.325
Stddev	9.542	67.094	220.91	25.528	115.323
%RSD	.3772923	2.620288	.3227442	.3157162	3.205787

#1	2540.204	2638.018	68671.24	8056.647	3730.386
#2	2523.852	2523.261	68229.47	8104.540	3535.299
#3	2523.506	2520.408	68444.27	8095.915	3526.290

Sample Name: J3386-03 Acquired: 6/12/2018 18:22:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FT1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1315783	.0049094	1.662291	-.022338	.0081370	80.87281	1.091894
Stddev	.0093981	.0009335	.121169	.001707	.0012741	.16597	.002133
%RSD	7.142578	19.01431	7.289275	7.639645	15.65805	.2052193	.1953470

#1	.1279302	.0039016	1.579074	-.021381	.0093320	80.70296	1.089893
#2	.1422535	.0050822	1.801307	-.024308	.0082827	81.03459	1.091652
#3	.1245513	.0057444	1.606493	-.021325	.0067963	80.88087	1.094138

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0125612	.0523768	114.2607	.0963393	.0621242	.3023168	140.0131
Stddev	.0001504	.0041291	.1710	.0001073	.0046026	.0018412	.5981
%RSD	1.197145	7.883539	.1496256	.1113393	7.408642	.6090211	.4271815

#1	.0126572	.0497523	114.4173	.0964204	.0594627	.3009758	139.6241
#2	.0126386	.0571363	114.0783	.0962177	.0674388	.3044160	140.7018
#3	.0123879	.0502417	114.2866	.0963798	.0594711	.3015585	139.7134

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.907938	41.75915	.0951179	.0007051	.8994300	.3177736	.8122619
Stddev	.020100	.20324	.0067307	.0001226	.0844028	.0062511	.0096650
%RSD	.5143270	.4866844	7.076125	17.38573	9.384037	1.967141	1.189885

#1	3.929780	41.53089	.0908592	.0006033	.9967010	.3239891	.8229709
#2	3.890222	41.92047	.1028775	.0006710	.8560486	.3178440	.8041871
#3	3.903810	41.82608	.0916171	.0008412	.8455405	.3114876	.8096278

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.39842	1.564379	.0810534	.0052115	4.269726	5.693017	.0103024
Stddev	.10867	.112775	.0025823	.0005661	.303708	.057645	.0018923
%RSD	.3461115	7.208907	3.185904	10.86268	7.113060	1.012556	18.36779

#1	31.32499	1.489996	.0791346	.0048822	4.061665	5.668083	.0099180
#2	31.52326	1.694136	.0800362	.0058651	4.618239	5.758932	.0123575
#3	31.34701	1.509004	.0839893	.0048871	4.129274	5.652036	.0086318

Sample Name: J3386-03 Acquired: 6/12/2018 18:22:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FT1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.445561	.0846170	.3522729
Stddev	.006413	.0003740	.0008114
%RSD	.4436328	.4420271	.2303401

#1	1.439929	.0844169	.3530501
#2	1.452541	.0850485	.3523375
#3	1.444214	.0843855	.3514311

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2696.218	2743.611	72913.23	8583.982	3508.593
Stddev	18.225	128.525	126.44	37.726	207.028
%RSD	.6759336	4.684504	.1734067	.4394962	5.900610

#1	2685.244	2819.293	72850.22	8586.362	3642.548
#2	2717.256	2595.214	73058.79	8545.122	3270.143
#3	2686.155	2816.327	72830.68	8620.462	3613.088

Sample Name: J3386-04 Acquired: 6/12/2018 18:26:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FT2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1125801	.0055411	1.914616	-.016828	.0142301	57.29890	.8001159
Stddev	.0009181	.0040708	.006905	.000795	.0006674	1.06017	.0145906
%RSD	.8154750	73.46543	.3606308	4.725497	4.689735	1.850249	1.823566

#1	.1115390	.0064939	1.913287	-.017696	.0142054	58.52131	.8169414
#2	.1129276	.0010784	1.908472	-.016653	.0149095	56.74473	.7924537
#3	.1132736	.0090510	1.922088	-.016135	.0135755	56.63067	.7909526

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067951	.0842494	112.9965	.1031492	.0556374	.6516818	135.3117
Stddev	.0001685	.0004453	2.2377	.0004831	.0004825	.0149351	2.4419
%RSD	2.479908	.5285676	1.980359	.4683126	.8672067	2.291775	1.804681

#1	.0069888	.0837385	115.5670	.1025928	.0553237	.6689254	138.1115
#2	.0066822	.0844544	111.9393	.1034619	.0553955	.6428329	134.2015
#3	.0067144	.0845553	111.4833	.1033929	.0561930	.6432872	133.6221

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.155385	42.03959	.0886059	.0092342	2.765469	.2847466	1.585552
Stddev	.064168	.55745	.0003236	.0002061	.082212	.0063359	.016511
%RSD	2.033617	1.326009	.3652111	2.231479	2.972792	2.225107	1.041313

#1	3.229183	42.64267	.0888675	.0094651	2.851492	.2885549	1.604330
#2	3.124226	41.93292	.0887062	.0091685	2.757225	.2882524	1.579010
#3	3.112745	41.54318	.0882441	.0090690	2.687690	.2774327	1.573314

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.73589	.9477614	.0703662	.0087739	2.915671	2.578512	.0148658
Stddev	.31697	.0031631	.0031926	.0004241	.008327	.057376	.0007047
%RSD	1.787140	.3337455	4.537159	4.834204	.2855861	2.225151	4.740084

#1	18.10174	.9496455	.0715902	.0084120	2.906198	2.644049	.0155074
#2	17.56204	.9495290	.0727656	.0092406	2.918984	2.537337	.0149784
#3	17.54389	.9441095	.0667426	.0086690	2.921832	2.554150	.0141116

Sample Name: J3386-04 Acquired: 6/12/2018 18:26:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FT2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.811239	.0803208	.2664712
Stddev	.035218	.0008672	.0053818
%RSD	1.944398	1.079724	2.019661

#1	1.851579	.0813200	.2726854
#2	1.795516	.0797639	.2633993
#3	1.786621	.0798784	.2633288

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2488.888	2601.243	67204.57	7788.828	3698.389
Stddev	8.857	3.413	88.87	135.517	7.352
%RSD	.3558735	.1312054	.1322374	1.739894	.1987801

#1	2479.966	2604.448	67173.56	7632.669	3705.279
#2	2497.679	2601.627	67135.36	7858.207	3699.238
#3	2489.018	2597.654	67304.79	7875.608	3690.649

Sample Name: J3386-05 Acquired: 6/12/2018 18:30:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FT3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1129189	.0019474	1.935366	-.022351	.0185719	94.74708	1.232879
Stddev	.0044455	.0022327	.003069	.000985	.0010348	.42974	.006010
%RSD	3.936927	114.6489	.1585776	4.405481	5.571944	.4535644	.4874436

#1	.1086257	-.000535	1.938384	-.022297	.0173975	94.56664	1.230124
#2	.1175026	.003792	1.932248	-.023362	.0189685	94.43698	1.228740
#3	.1126285	.002585	1.935468	-.021395	.0193498	95.23762	1.239772

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0130800	.0995438	238.9184	.1098638	.0661712	.5973610	143.7664
Stddev	.0000716	.0000969	1.4700	.0009694	.0000182	.0014363	.4093
%RSD	.5474110	.0973322	.6152811	.8823810	.0275615	.2404479	.2847104

#1	.0130950	.0996257	238.2814	.1109005	.0661899	.5979016	143.9350
#2	.0131430	.0994369	237.8744	.1089798	.0661534	.5984485	143.2998
#3	.0130022	.0995689	240.5995	.1097111	.0661703	.5957328	144.0646

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.974171	58.84033	.1163088	.0095255	.8103555	.3176250	1.687083
Stddev	.030601	.07580	.0010029	.0001977	.1117342	.0021135	.007214
%RSD	.7700056	.1288191	.8622412	2.075051	13.78829	.6654213	.4276125

#1	3.954783	58.86489	.1152145	.0097099	.8001599	.3160523	1.690323
#2	3.958281	58.75530	.1171840	.0093168	.9268380	.3167953	1.692108
#3	4.009448	58.90081	.1165280	.0095497	.7040685	.3200276	1.678816

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.69003	1.498025	.1034908	.0045350	7.282805	5.162297	.0150975
Stddev	.17058	.004343	.0026953	.0003380	.005398	.042333	.0009910
%RSD	.5745388	.2899273	2.604400	7.452495	.0741197	.8200503	6.564001

#1	29.52113	1.500592	.1004131	.0045782	7.286502	5.204648	.0160958
#2	29.68670	1.500473	.1046292	.0041775	7.285303	5.119981	.0141140
#3	29.86225	1.493011	.1054301	.0048493	7.276611	5.162262	.0150829

Sample Name: J3386-05 Acquired: 6/12/2018 18:30:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FT3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.505424	.1107997	.6187541
Stddev	.006179	.0005479	.0030719
%RSD	.4104404	.4945409	.4964675

#1	1.499036	.1109849	.6170727
#2	1.505864	.1112311	.6168899
#3	1.511371	.1101832	.6222997

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2647.046	2762.590	72277.78	8479.644	3525.702
Stddev	14.321	3.987	59.77	25.545	5.161
%RSD	.5410201	.1443166	.0826946	.3012501	.1463684

#1	2661.590	2758.597	72245.19	8492.210	3520.611
#2	2632.959	2766.571	72241.39	8496.471	3530.930
#3	2646.589	2762.603	72346.76	8450.250	3525.564

Sample Name: J3386-06 Acquired: 6/12/2018 18:34:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FT4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1293764	.0068851	3.278624	-.015962	.0160939	88.45337	.7731595
Stddev	.0069743	.0034034	.022435	.001668	.0007366	.46579	.0028382
%RSD	5.390728	49.43165	.6842961	10.44885	4.577049	.5265983	.3670884

#1	.1373874	.0097247	3.304366	-.016084	.0169129	88.46077	.7724129
#2	.1246575	.0031125	3.263233	-.017566	.0154855	87.98393	.7707692
#3	.1260842	.0078183	3.268272	-.014237	.0158833	88.91543	.7762963

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0148144	.1027706	56.23963	.0860696	.0612227	.4901605	130.6755
Stddev	.0001981	.0010153	.23655	.0003196	.0007101	.0049046	1.1407
%RSD	1.337124	.9879247	.4206122	.3713283	1.159830	1.000619	.8729224

#1	.0146959	.1039365	56.12412	.0859050	.0620205	.4914686	131.2149
#2	.0147041	.1020815	56.08302	.0864380	.0609875	.4847344	129.3652
#3	.0150431	.1022938	56.51174	.0858659	.0606601	.4942783	131.4465

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.159087	45.42699	.0873270	.0097943	1.211173	.2344699	1.301150
Stddev	.016254	.33413	.0006474	.0000553	.079539	.0025530	.023350
%RSD	.5145287	.7355270	.7413679	.5640541	6.567116	1.088822	1.794594

#1	3.149796	45.30686	.0879924	.0098346	1.139983	.2346121	1.324422
#2	3.149609	45.16955	.0872894	.0097313	1.297022	.2318488	1.277722
#3	3.177855	45.80458	.0866992	.0098171	1.196513	.2369488	1.301307

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.89311	1.049369	.0780955	.0050014	4.627076	4.583598	.0171025
Stddev	.21294	.008649	.0030784	.0000751	.033120	.031734	.0009453
%RSD	.6892808	.8241932	3.941770	1.501302	.7157835	.6923492	5.527568

#1	30.85792	1.056226	.0816448	.0050881	4.646187	4.551210	.0176642
#2	30.69995	1.039653	.0764892	.0049603	4.588832	4.584948	.0176323
#3	31.12145	1.052230	.0761525	.0049559	4.646208	4.614636	.0160111

Sample Name: J3386-06 Acquired: 6/12/2018 18:34:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FT4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.851103	.0958931	.3504381
Stddev	.011397	.0008684	.0019819
%RSD	.6157030	.9055919	.5655602

#1	1.848836	.0953985	.3497806
#2	1.841010	.0953850	.3488684
#3	1.863464	.0968958	.3526652

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2710.355	2818.279	73158.75	8402.592	3704.430
Stddev	24.505	20.572	325.93	64.148	27.529
%RSD	.9041376	.7299615	.4455094	.7634362	.7431241

#1	2690.379	2796.827	72913.04	8417.796	3674.774
#2	2737.699	2837.841	73528.49	8457.772	3729.167
#3	2702.988	2820.169	73034.74	8332.207	3709.350

Sample Name: J3386-07 Acquired: 6/12/2018 18:38:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FT5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1165424	.0057443	2.911649	-.008900	.0350997	50.18142	.7016007
Stddev	.0029305	.0031211	.013504	.002704	.0003384	.04486	.0007317
%RSD	2.514512	54.33498	.4637889	30.38232	.9640114	.0894053	.1042965

#1	.1197138	.0053042	2.923222	-.010898	.0351494	50.13172	.7007707
#2	.1139348	.0028665	2.896813	-.005823	.0347393	50.19363	.7018787
#3	.1159786	.0090621	2.914914	-.009980	.0354106	50.21892	.7021527

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097252	.1282248	85.37705	.0596113	.0385243	.7851455	86.94392
Stddev	.0001623	.0006036	.29564	.0011496	.0001919	.0012335	.24988
%RSD	1.669379	.4707159	.3462811	1.928463	.4981883	.1571092	.2873989

#1	.0095445	.1288398	85.03700	.0583166	.0387439	.7849853	86.76899
#2	.0098587	.1276333	85.52099	.0600050	.0384406	.7839999	86.83266
#3	.0097725	.1282014	85.57316	.0605124	.0383885	.7864513	87.23010

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.839218	32.66451	.0626862	.0217673	.3347756	.1911436	1.426374
Stddev	.008408	.11076	.0002251	.0001849	.1041823	.0035324	.017219
%RSD	.2961525	.3390955	.3591199	.8494074	31.12005	1.848020	1.207212

#1	2.834574	32.53687	.0629339	.0215646	.3871671	.1883618	1.432651
#2	2.834156	32.73533	.0626307	.0219266	.4023631	.1951179	1.406897
#3	2.848925	32.72134	.0624941	.0218107	.2147965	.1899511	1.439575

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.63320	1.317506	.1023973	.0063885	8.918183	5.466608	.0168939
Stddev	.03360	.004737	.0000829	.0001290	.042376	.053069	.0008348
%RSD	.1364120	.3595735	.0809544	2.019486	.4751593	.9707813	4.941173

#1	24.65307	1.314054	.1023087	.0062412	8.869740	5.405815	.0167562
#2	24.59440	1.315558	.1024104	.0064429	8.936437	5.503676	.0161365
#3	24.65211	1.322907	.1024729	.0064814	8.948373	5.490331	.0177889

Sample Name: J3386-07 Acquired: 6/12/2018 18:38:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FT5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.005444	.0520390	.3555216
Stddev	.002807	.0009509	.0012415
%RSD	.2791951	1.827186	.3492148

#1	1.005443	.0509806	.3551038
#2	1.008252	.0528209	.3545428
#3	1.002637	.0523156	.3569181

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2544.973	2668.305	68920.84	7990.973	3787.609
Stddev	14.521	7.285	628.92	32.953	12.656
%RSD	.5705604	.2730299	.9125205	.4123821	.3341475

#1	2559.148	2663.097	69605.33	8026.113	3773.186
#2	2545.642	2665.187	68788.69	7960.761	3796.860
#3	2530.130	2676.630	68368.50	7986.046	3792.782

Sample Name: J3386-08 Acquired: 6/12/2018 18:42:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FT8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1543184	.0040681	1.606424	-.020189	.0104329	58.58782	.6559242
Stddev	.0040992	.0013790	.015791	.003612	.0004288	.12943	.0001491
%RSD	2.656348	33.89951	.9829740	17.89275	4.109697	.2209087	.0227345

#1	.1497043	.0040666	1.594580	-.019860	.0106345	58.44168	.6557587
#2	.1557108	.0054478	1.600340	-.016752	.0099405	58.63383	.6559660
#3	.1575400	.0026897	1.624352	-.023955	.0107238	58.68796	.6560480

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089675	.0633927	137.3894	.1035750	.0597194	.4331677	144.1495
Stddev	.0000295	.0006822	.4973	.0006637	.0006741	.0054267	.7488
%RSD	.3287587	1.076123	.3619954	.6408431	1.128848	1.252795	.5194422

#1	.0089535	.0628697	136.8415	.1042434	.0592458	.4349730	143.2933
#2	.0090014	.0631440	137.8124	.1029160	.0594211	.4374616	144.4735
#3	.0089477	.0641643	137.5143	.1035656	.0604912	.4270684	144.6818

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.623392	43.24061	.0781501	.0020747	2.703155	.3422226	.9121333
Stddev	.007204	.19573	.0010217	.0001739	.046006	.0020452	.0168715
%RSD	.2745881	.4526471	1.307409	8.382657	1.701949	.5976343	1.849672

#1	2.617213	43.04132	.0777507	.0018946	2.662252	.3419292	.9255174
#2	2.631304	43.43257	.0773884	.0022417	2.694249	.3403399	.9177007
#3	2.621658	43.24794	.0793112	.0020879	2.752963	.3443987	.8931817

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.62797	1.143833	.0678635	.0059714	3.090892	5.902447	.0097181
Stddev	.07458	.014085	.0025197	.0001932	.021556	.015638	.0002059
%RSD	.3448169	1.231418	3.712860	3.235704	.6974098	.2649421	2.118905

#1	21.64714	1.132404	.0661455	.0060729	3.069743	5.886748	.0095983
#2	21.54567	1.139527	.0666891	.0057486	3.090098	5.918024	.0096002
#3	21.69108	1.159569	.0707560	.0060928	3.112834	5.902569	.0099559

Sample Name: J3386-08 Acquired: 6/12/2018 18:42:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FT8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.632050	.0730680	.2633990
Stddev	.005874	.0005923	.0001890
%RSD	.3599087	.8105509	.0717588

#1	1.625429	.0723913	.2633327
#2	1.636635	.0733208	.2636122
#3	1.634086	.0734920	.2632521

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2746.028	2860.001	74401.40	8641.172	3633.519
Stddev	14.782	18.357	311.93	46.400	28.650
%RSD	.5382928	.6418596	.4192512	.5369595	.7884834

#1	2732.418	2869.548	74042.86	8694.471	3653.885
#2	2743.912	2871.617	74550.97	8619.246	3645.913
#3	2761.753	2838.838	74610.38	8609.798	3600.759

Sample Name: J3386-09 Acquired: 6/12/2018 18:46:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FT9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1331786	.0062574	3.370891	-.013369	.0240300	72.51529	.8894079
Stddev	.0014012	.0001615	.012606	.003655	.0025341	.24287	.0026750
%RSD	1.052156	2.580900	.3739602	27.34045	10.54543	.3349211	.3007640

#1	.1316622	.0062821	3.366298	-.017482	.0263031	72.25923	.8872469
#2	.1334480	.0064051	3.361226	-.012132	.0212978	72.74237	.8923998
#3	.1344255	.0060850	3.385150	-.010493	.0244892	72.54426	.8885770

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124140	.1277441	128.5449	.0919571	.0551736	.7439078	123.8009
Stddev	.0000886	.0003891	.3728	.0002464	.0001460	.0024533	.3119
%RSD	.7136599	.3045806	.2900478	.2679521	.2646656	.3297804	.2519291

#1	.0123876	.1276544	128.2053	.0920256	.0550075	.7410752	123.4755
#2	.0123416	.1274077	128.9439	.0916837	.0552318	.7452948	124.0973
#3	.0125128	.1281702	128.4855	.0921619	.0552817	.7453534	123.8299

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.860110	42.93278	.0908281	.0205088	3.078973	.2778574	1.736458
Stddev	.006474	.08899	.0017990	.0002016	.102387	.0024972	.019779
%RSD	.2263639	.2072806	1.980693	.9830942	3.325360	.8987218	1.139050

#1	2.860501	42.88654	.0892413	.0207351	2.972034	.2773891	1.718776
#2	2.866380	42.87643	.0904603	.0203484	3.176101	.2756275	1.757818
#3	2.853449	43.03537	.0927825	.0204429	3.088784	.2805555	1.732779

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.04323	2.269909	.0936253	.0066342	6.982354	7.716916	.0175121
Stddev	.13474	.016698	.0011396	.0001426	.054430	.010460	.0004787
%RSD	.4484978	.7356157	1.217164	2.148894	.7795350	.1355407	2.733471

#1	29.91594	2.260360	.0949304	.0065687	6.967233	7.716041	.0175179
#2	30.18436	2.260177	.0928271	.0065362	6.937083	7.727785	.0170306
#3	30.02938	2.289189	.0931184	.0067978	7.042745	7.706921	.0179879

Sample Name: J3386-09 Acquired: 6/12/2018 18:46:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FT9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.300557	.0807842	.3397958
Stddev	.004005	.0008330	.0007302
%RSD	.3079699	1.031107	.2148954

#1	1.295960	.0798226	.3396093
#2	1.303292	.0812846	.3406011
#3	1.302420	.0812452	.3391769

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2622.924	2744.943	71024.12	8301.511	3664.651
Stddev	10.185	4.699	122.62	23.273	10.640
%RSD	.3883052	.1711861	.1726438	.2803410	.2903485

#1	2624.226	2748.651	70960.26	8316.720	3665.545
#2	2612.151	2746.519	70946.61	8274.720	3674.815
#3	2632.395	2739.659	71165.49	8313.094	3653.591

Sample Name: J3386-10 Acquired: 6/12/2018 18:50:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FW0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2066633	.0092112	3.941266	-.015109	.0093410	94.71040	.7396202
Stddev	.0031418	.0016947	.006531	.001649	.0006320	.52696	.0020566
%RSD	1.520253	18.39826	.1657116	10.91690	6.766312	.5563867	.2780664

#1	.2095701	.0083272	3.940529	-.013210	.0095855	94.10345	.7373007
#2	.2070899	.0111651	3.935135	-.015936	.0098142	95.05116	.7403388
#3	.2033300	.0081412	3.948135	-.016181	.0086232	94.97660	.7412212

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0199351	.1185794	47.79079	.0777578	.0620297	.3528754	118.8873
Stddev	.0000050	.0000773	.05235	.0070941	.0005203	.0025884	.9019
%RSD	.0250759	.0652041	.1095432	9.123307	.8387286	.7335143	.7586365

#1	.0199398	.1185104	47.73257	.0859489	.0621889	.3518432	117.8459
#2	.0199356	.1186630	47.83398	.0737385	.0614485	.3509624	119.4057
#3	.0199298	.1185649	47.80584	.0735861	.0624518	.3558207	119.4104

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.943445	42.55971	.0914523	.0055918	1.668250	.2012171	1.036551
Stddev	.005352	.20329	.0003857	.0004108	.121738	.0028415	.072437
%RSD	.1357317	.4776586	.4217735	7.347100	7.297375	1.412139	6.988311

#1	3.948544	42.32613	.0914841	.0051175	1.529346	.2002805	1.119586
#2	3.943921	42.69673	.0910517	.0058385	1.719010	.2044086	.986310
#3	3.937870	42.65626	.0918212	.0058193	1.756395	.1989622	1.003758

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.93648	.8978943	.0741260	.0062901	3.188471	4.378085	.0182959
Stddev	.10054	.0015850	.0029907	.0003826	.013821	.018623	.0010546
%RSD	.2582084	.1765279	4.034612	6.082699	.4334623	.4253726	5.764001

#1	38.82824	.8971727	.0722894	.0067088	3.199157	4.391730	.0175791
#2	39.02694	.8967985	.0775770	.0059587	3.172863	4.385656	.0195068
#3	38.95425	.8997118	.0725115	.0062028	3.193392	4.356868	.0178018

Sample Name: J3386-10 Acquired: 6/12/2018 18:50:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FW0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.377369	.0828755	.3326079
Stddev	.005220	.0011652	.0004849
%RSD	.3789713	1.405977	.1457808

#1	1.371686	.0815400	.3323390
#2	1.381950	.0836845	.3323171
#3	1.378470	.0834021	.3331676

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2842.714	3072.163	76352.30	9052.518	3722.300
Stddev	166.612	6.212	4492.60	66.720	4.297
%RSD	5.861028	.2022087	5.884039	.7370371	.1154468

#1	2651.224	3065.364	71186.16	9093.269	3718.528
#2	2922.385	3077.543	78527.07	8975.520	3726.978
#3	2954.532	3073.583	79343.68	9088.765	3721.394

Sample Name: J3386-11 Acquired: 6/12/2018 18:54:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FW1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2261459	.0077314	3.820504	-.018596	.0114968	96.18824	.8284935
Stddev	.0053984	.0030898	.019937	.000129	.0007967	.33270	.0003226
%RSD	2.387132	39.96439	.5218411	.6934940	6.929602	.3458880	.0389423

#1	.2201030	.0046812	3.842188	-.018517	.0106295	96.38122	.8287864
#2	.2304922	.0076537	3.816357	-.018526	.0121960	95.80407	.8285464
#3	.2278426	.0108594	3.802966	-.018745	.0116650	96.37944	.8281477

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0207669	.1169991	67.93387	.0753163	.0628124	.3542485	125.8827
Stddev	.0001311	.0005031	.04442	.0003275	.0002737	.0021226	.9911
%RSD	.6313894	.4300450	.0653898	.4348647	.4356712	.5991891	.7873147

#1	.0207716	.1173143	67.95068	.0756406	.0631029	.3544921	126.5550
#2	.0206335	.1172642	67.96744	.0749856	.0625595	.3562388	124.7445
#3	.0208956	.1164188	67.88350	.0753227	.0627749	.3520145	126.3486

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.939010	47.18943	.0939488	.0053523	1.825775	.2171391	1.016936
Stddev	.018453	.23379	.0005554	.0004704	.035515	.0029060	.013588
%RSD	.4684592	.4954215	.5912148	8.788116	1.945212	1.338328	1.336168

#1	3.949079	47.31150	.0943729	.0058633	1.791043	.2149294	1.031387
#2	3.950238	46.91988	.0941534	.0049374	1.862025	.2160570	1.004418
#3	3.917713	47.33692	.0933201	.0052561	1.824256	.2204310	1.015003

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.41040	.9558325	.0896012	.0066000	3.345041	6.366729	.0180659
Stddev	.00665	.0061450	.0013203	.0000648	.026740	.019261	.0003783
%RSD	.0168705	.6428972	1.473577	.9810254	.7993791	.3025293	2.094170

#1	39.41571	.9626533	.0881097	.0065271	3.370541	6.371763	.0183075
#2	39.41254	.9541160	.0906207	.0066510	3.347368	6.345451	.0182604
#3	39.40295	.9507283	.0900733	.0066218	3.317214	6.382973	.0176299

Sample Name: J3386-11 Acquired: 6/12/2018 18:54:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FW1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.466260	.0890005	.4031090
Stddev	.005955	.0008377	.0008927
%RSD	.4061517	.9412696	.2214607

#1	1.466679	.0887602	.4041272
#2	1.460106	.0899321	.4027393
#3	1.471995	.0883092	.4024605

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2913.454	3058.539	78002.88	9008.095	3692.833
Stddev	16.115	4.086	373.17	13.082	14.639
%RSD	.5531078	.1336026	.4784041	.1452212	.3964105

#1	2905.769	3053.908	77933.82	9016.796	3676.758
#2	2902.620	3060.071	77669.06	9014.438	3696.346
#3	2931.972	3061.638	78405.75	8993.051	3705.396

Sample Name: J3386-12 Acquired: 6/12/2018 18:58:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FW2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1214838	.0045618	.9245290	-.019284	.0070979	70.48023	1.000709
Stddev	.0014443	.0006603	.0051726	.000708	.0006866	.04214	.001553
%RSD	1.188879	14.47446	.5594824	3.669576	9.672962	.0597844	.1552142

#1	.1215463	.0038105	.9188560	-.018587	.0064491	70.48068	1.000201
#2	.1200093	.0050496	.9257477	-.020002	.0078169	70.52213	.999474
#3	.1228959	.0048255	.9289835	-.019264	.0070279	70.43787	1.002453

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067287	.0548193	68.46946	.0941397	.0693969	.5169608	154.5732
Stddev	.0001242	.0002370	.23313	.0000932	.0004122	.0023766	.0619
%RSD	1.846456	.4323898	.3404907	.0989449	.5939000	.4597266	.0400780

#1	.0066114	.0548671	68.20601	.0942471	.0689294	.5193906	154.6262
#2	.0068589	.0545619	68.55330	.0940901	.0695531	.5168507	154.5883
#3	.0067158	.0550287	68.64908	.0940818	.0697080	.5146412	154.5051

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.151397	37.38220	.0781116	.0017009	1.653433	.3503736	1.164112
Stddev	.025270	.15776	.0007263	.0003897	.156586	.0077652	.010205
%RSD	.4905558	.4220170	.9298591	22.91240	9.470339	2.216254	.8765986

#1	5.123201	37.43891	.0789367	.0017330	1.799913	.3592722	1.172787
#2	5.158988	37.50376	.0775689	.0020736	1.488395	.3449708	1.152869
#3	5.172002	37.20392	.0778292	.0012961	1.671990	.3468778	1.166681

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.10843	.9136719	.0805323	.0089391	2.495330	2.865231	.0120853
Stddev	.08532	.0035636	.0054822	.0003863	.022664	.034926	.0014186
%RSD	.3859047	.3900366	6.807454	4.321196	.9082603	1.218948	11.73778

#1	22.01069	.9159805	.0839161	.0084931	2.511078	2.838585	.0116511
#2	22.14664	.9095676	.0742072	.0091570	2.469354	2.904770	.0136703
#3	22.16797	.9154676	.0834736	.0091673	2.505556	2.852336	.0109346

Sample Name: J3386-12 Acquired: 6/12/2018 18:58:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FW2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.611302	.0949496	.3429872
Stddev	.004135	.0010192	.0007458
%RSD	.1583513	1.073420	.2174381

#1	2.610930	.0938081	.3423899
#2	2.615611	.0957683	.3427487
#3	2.607366	.0952724	.3438231

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2463.966	2591.333	66376.50	7674.570	3760.892
Stddev	18.563	5.291	269.19	39.781	11.857
%RSD	.7533649	.2041686	.4055440	.5183512	.3152696

#1	2447.148	2590.062	66121.41	7707.698	3757.244
#2	2483.883	2597.143	66657.86	7630.448	3774.144
#3	2460.866	2586.793	66350.24	7685.565	3751.287

Sample Name: CCV020 Acquired: 6/12/2018 19:02:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV020 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.047135	5.029426	24.79539	5.005745	5.061641	392.5607
Stddev	.113573	.106627	.51366	.119287	.110824	1.7090
%RSD	2.250245	2.120055	2.071589	2.383007	2.189483	.4353593

#1	4.941369	4.926187	24.32478	4.899149	4.961231	391.1854
#2	5.167167	5.139145	25.34333	5.134590	5.180550	392.0225
#3	5.032868	5.022947	24.71807	4.983495	5.043142	394.4740

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.46372	F .5676668	2.464722	381.9493	15.79623	2.479633
Stddev	.01528	.0082075	.047325	1.2455	.57315	.048306
%RSD	.1460334	1.445840	1.920107	.3260986	3.628385	1.948124

#1	10.45706	.5582112	2.420210	380.6822	15.25293	2.434142
#2	10.45289	.5718399	2.514432	381.9938	16.39517	2.530333
#3	10.48120	.5729493	2.459524	383.1720	15.74059	2.474425

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.13048	384.3572	13.90812	401.7313	2.473902	F 1.420205
Stddev	.06283	2.6398	.02530	4.2367	.047638	.053231
%RSD	.4152455	.6868026	.1818913	1.054604	1.925611	3.748140

#1	15.08554	382.6970	13.92410	398.4810	2.429920	1.370556
#2	15.10363	382.9735	13.87896	400.1901	2.524503	1.476411
#3	15.20227	387.4012	13.92131	406.5229	2.467284	1.413650

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	402.5504	2.700631	13.95039	161.0889	F 6.783691	F 5.610956
Stddev	2.4300	.031988	.36696	.7741	.149425	.059714
%RSD	.6036546	1.184464	2.630482	.4805477	2.202716	1.064248

#1	399.9267	2.671788	13.60724	160.4145	6.644401	5.542304
#2	403.0005	2.695069	14.33725	160.9180	6.941521	5.639715
#3	404.7238	2.735035	13.90668	161.9342	6.765151	5.650849

Sample Name: CCV020 Acquired: 6/12/2018 19:02:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV020 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.980258	5.410480	5.579838	5.036806	5.376640	5.460885
Stddev	.103509	.104602	.074669	.097110	.024517	.017237
%RSD	2.078388	1.933331	1.338195	1.928013	.4559936	.3156376

#1	4.890757	5.311693	5.496003	4.943396	5.359268	5.445596
#2	5.093611	5.520061	5.604313	5.137235	5.365968	5.457493
#3	4.956405	5.399686	5.639198	5.029787	5.404685	5.479565

Elem	Sr4077
Units	ppm
Avg	5.100828
Stddev	.030454
%RSD	.5970415

#1	5.124360
#2	5.111693
#3	5.066432

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1872.455	2000.686	52512.63	6469.160	3027.080
Stddev	57.156	36.262	1637.23	53.797	49.994
%RSD	3.052457	1.812472	3.117782	.8315866	1.651562

#1	1921.981	2030.589	54033.28	6528.901	3073.276
#2	1809.914	1960.352	50779.56	6454.034	2974.001
#3	1885.471	2011.117	52725.05	6424.546	3033.962

Sample Name: CCB020 Acquired: 6/12/2018 19:06:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB020 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007331	.0021174	.0018919	.0020714	.0008233	-.000815	-.003000
Stddev	.0005540	.0011306	.0010845	.0026371	.0004707	.009359	.000461
%RSD	75.56927	53.39476	57.32621	127.3096	57.17514	1147.824	15.37436

#1	.0002645	.0012181	.0009615	.0039433	.0003181	.001455	-.003163
#2	.0005904	.0017474	.0016311	-.000945	.0009021	.007199	-.003358
#3	.0013446	.0033865	.0030830	.003215	.0012496	-.011100	-.002480

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000949	-.000072	.0047050	-.000252	.0003732	.0012024	.0110653
Stddev	.0000191	.000059	.0052256	.000271	.0000705	.0042373	.0122154
%RSD	20.15622	82.45794	111.0656	107.9081	18.90213	352.3918	110.3941

#1	.0000901	-.000090	.0085604	-.000457	.0003910	.0003581	.0111738
#2	.0001160	-.000006	-.001243	.000056	.0002955	.0057983	-.001204
#3	.0000786	-.000120	.006797	-.000354	.0004332	-.002549	.023226

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000506	-.009512	.0003470	.0000888	-.342747	-.001452	.0015071
Stddev	.0007149	.031561	.0002498	.0004584	.077267	.000592	.0057267
%RSD	1412.961	331.8038	71.97344	515.9767	22.54340	40.80361	379.9791

#1	-.000774	-.038044	.0004097	-.000427	-.370269	-.000896	.0040798
#2	.000432	-.014881	.0000719	.000244	-.402486	-.002074	.0054962
#3	.000494	.024389	.0005595	.000450	-.255488	-.001385	-.005055

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.135072	-.001081	-.004675	-.000044	-.008696	-.005201	-.000438
Stddev	.026848	.000235	.000125	.000106	.002882	.001087	.000452
%RSD	19.87679	21.68611	2.665298	242.1184	33.13578	20.89953	103.3575

#1	-.105638	-.000986	-.004580	-.000145	-.007492	-.004126	-.000825
#2	-.141360	-.000910	-.004628	-.000053	-.006612	-.005179	-.000549
#3	-.158218	-.001349	-.004816	.000066	-.011985	-.006299	.000060

Sample Name: CCB020 Acquired: 6/12/2018 19:06:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v558) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB020 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0013730	-.000652	-.000015
Stddev	.0008781	.000843	.000054
%RSD	63.95736	129.3728	360.1222

#1	.0018425	-.001615	.000047
#2	.0003599	-.000295	-.000041
#3	.0019166	-.000046	-.000050

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2284.690	2424.260	61091.40	6759.400	4048.949
Stddev	10.615	7.108	173.89	62.943	13.131
%RSD	.4645970	.2932206	.2846366	.9311919	.3242967

#1	2278.658	2418.646	61156.86	6693.080	4038.889
#2	2296.947	2432.253	61223.05	6818.310	4063.803
#3	2278.467	2421.882	60894.28	6766.810	4044.155