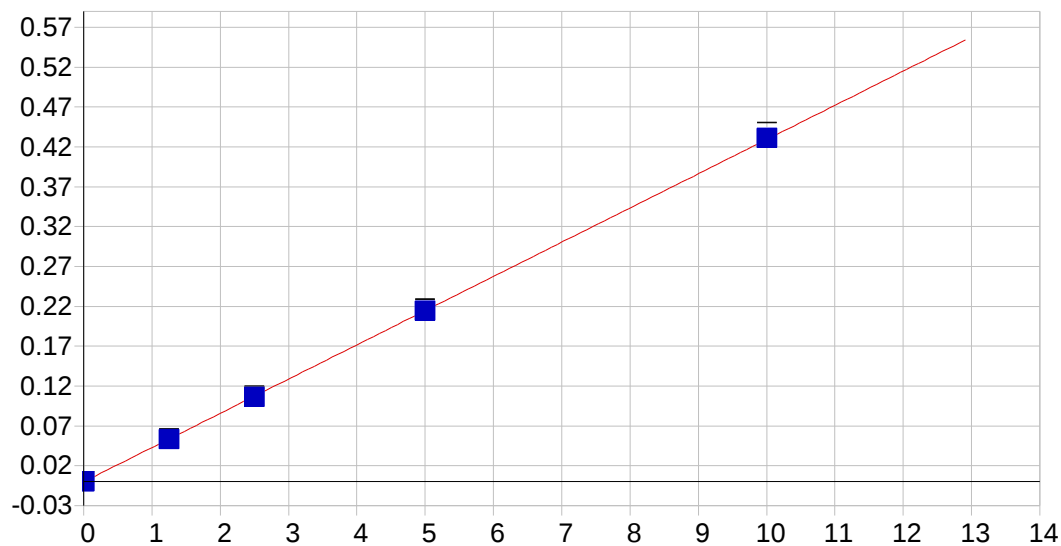




As 189.042 {479}

Date of Fit: 3/13/2018 15:18:50

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000042

Re-Slope: 1.000000

A1 (Gain): 0.042934

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999988

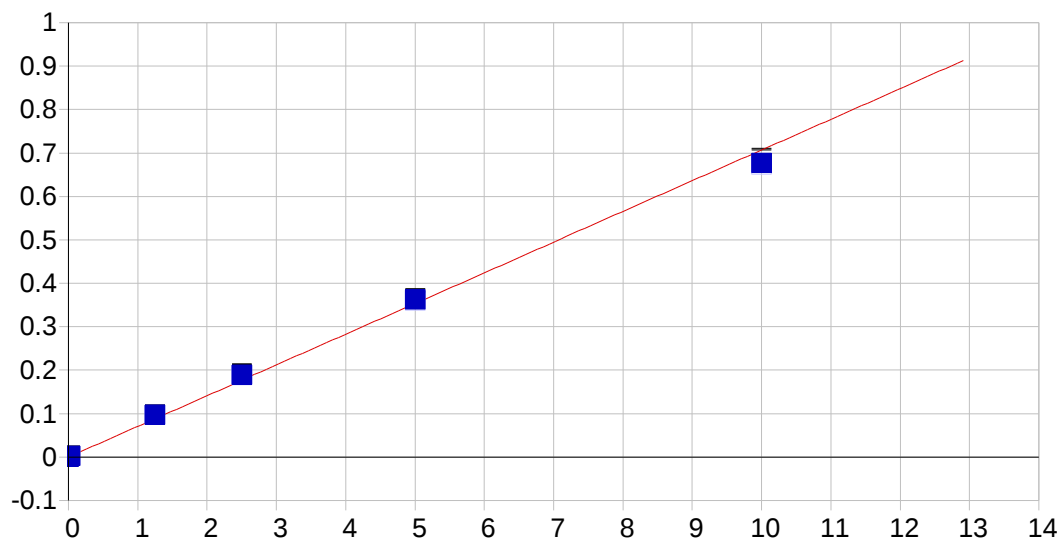
Status: OK.

Std Error of Est: 0.000004

Predicted MDL: 0.002456

Predicted MQL: 0.008188

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00004	.000	1
S1	.01000	.00937	-.001	-6.29	.00036	.000	1
S2	1.2500	1.2448	-.005	-.413	.05353	.000	1
S3	2.5000	2.4759	-.024	-.965	.10651	.001	1
S4	5.0000	4.9906	-.009	-.189	.21473	.002	1
S5	10.000	10.039	.039	.394	.43200	.007	1

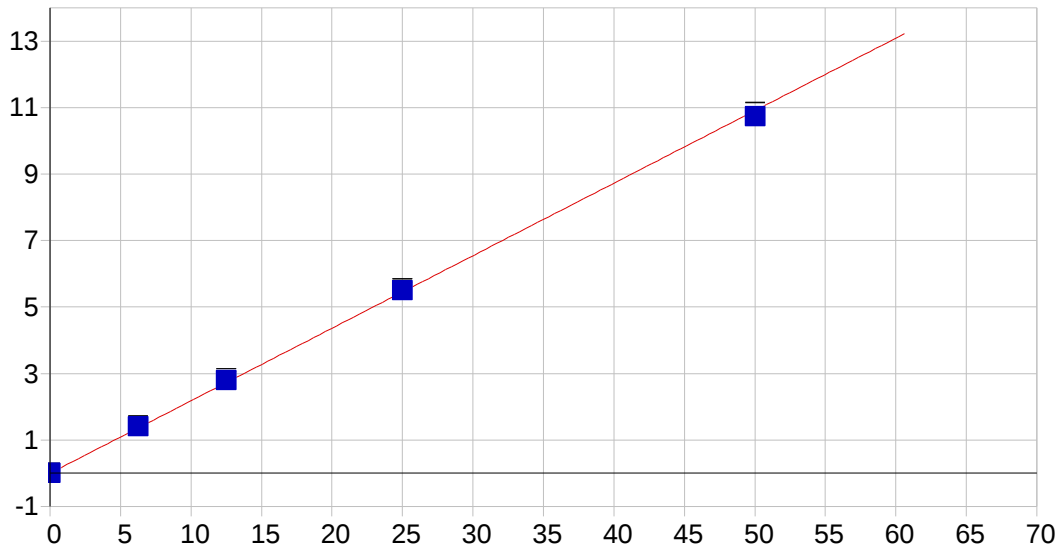


TI 190.856 {477}

Date of Fit: 3/13/2018 15:18:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000014 Re-Slope: 1.000000
 A1 (Gain): 0.070692 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998781 Status: OK.
 Std Error of Est: 0.000092
 Predicted MDL: 0.001593
 Predicted MQL: 0.005310

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00001	.000	1
S1	.02500	.02673	.002	6.90	.00185	.000	1
S2	1.2500	1.3780	.128	10.2	.09686	.001	1
S3	2.5000	2.6694	.169	6.78	.18762	.003	1
S4	5.0000	5.1212	.121	2.42	.35988	.003	1
S5	10.000	9.5797	-.420	-4.20	.67292	.011	1

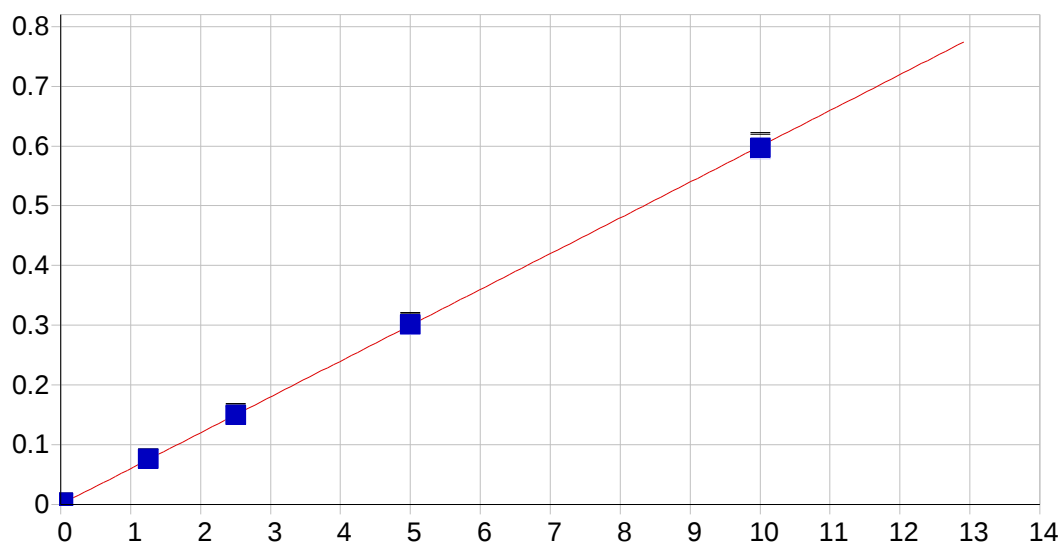


Pb 220.353 {453}

Date of Fit: 3/13/2018 15:18:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000252 Re-Slope: 1.000000
 A1 (Gain): 0.218133 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999830 Status: OK.
 Std Error of Est: 0.000151
 Predicted MDL: 0.001211
 Predicted MQL: 0.004036

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00025	.000	1
S1	.01000	.00935	-.001	-6.52	.00180	.000	1
S2	6.2500	6.4789	.229	3.66	1.4151	.005	1
S3	12.500	12.847	.347	2.78	2.8064	.037	1
S4	25.000	25.206	.206	.824	5.5065	.052	1
S5	50.000	49.219	-.781	-1.56	10.753	.106	1

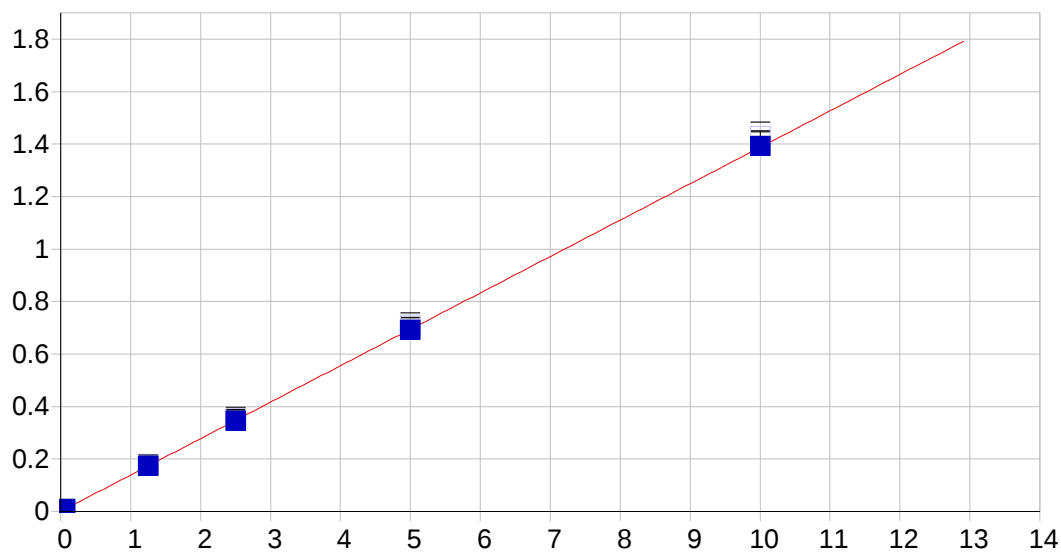


Se 196.090 {472}

Date of Fit: 3/13/2018 15:18:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000190 Re-Slope: 1.000000
 A1 (Gain): 0.059949 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986 Status: OK.
 Std Error of Est: 0.000010
 Predicted MDL: 0.002467
 Predicted MQL: 0.008224

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00019	.000	1
S1	.03500	.03531	.000	.885	.00230	.000	1
S2	1.2500	1.2674	.017	1.39	.07582	.001	1
S3	2.5000	2.4988	-.001	-.049	.14929	.002	1
S4	5.0000	5.0241	.024	.482	.29997	.004	1
S5	10.000	9.9595	-.041	-.405	.59444	.008	1

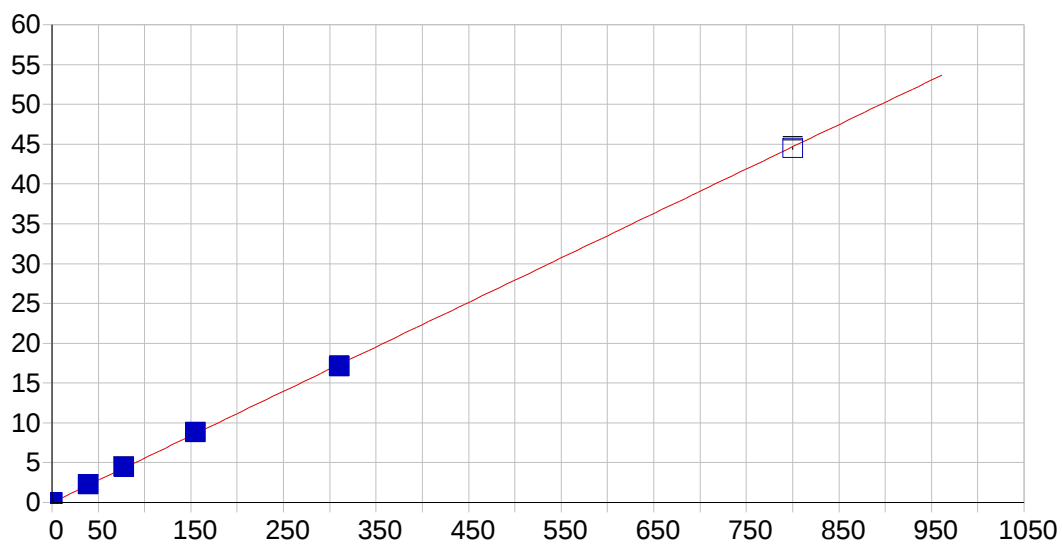


Sb 206.833 {463}

Date of Fit: 3/13/2018 15:18:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000364 Re-Slope: 1.000000
 A1 (Gain): 0.138737 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999996 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.001340
 Predicted MQL: 0.004467

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00036	.000	1
S1	.06000	.05984	.000	-.264	.00866	.000	1
S2	1.2500	1.2495	-.001	-.043	.17844	.000	1
S3	2.5000	2.4874	-.013	-.503	.35491	.004	1
S4	5.0000	4.9878	-.012	-.244	.71125	.008	1
S5	10.000	10.025	.025	.255	1.4291	.017	1

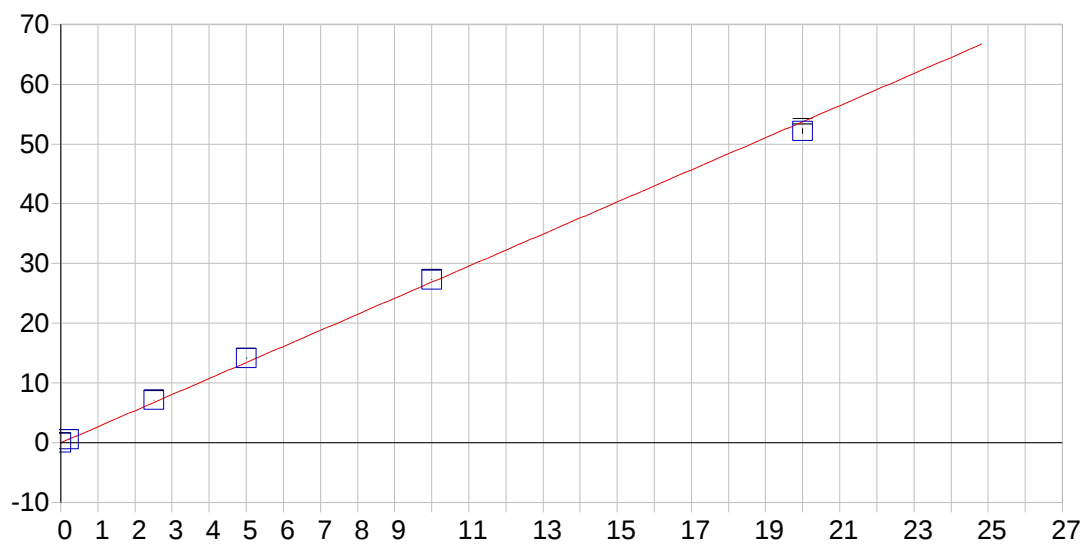


AI 396.152 { 85}

Date of Fit: 3/13/2018 15:23:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000770 Re-Slope: 1.000000
 A1 (Gain): 0.055834 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999908 Status: OK.
 Std Error of Est: 0.000470
 Predicted MDL: 0.009927
 Predicted MQL: 0.033089

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00077	.000	1
S1	.20000	.20493	.005	2.47	.01223	.000	1
S2	38.750	40.184	1.43	3.70	2.2464	.011	1
S3	77.500	80.324	2.82	3.64	4.4896	.018	1
S4	155.00	157.44	2.44	1.58	8.7996	.017	1
S5	310.00	306.13	-3.87	-1.25	17.109	.030	1
S6	800.00	797.16	-2.84	-.355	44.509	.213	1

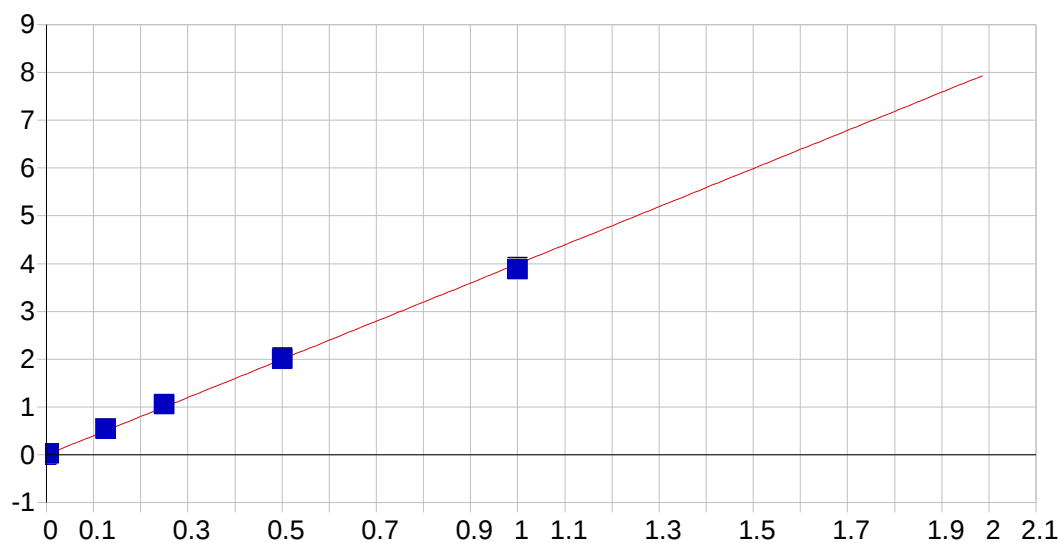


Ba 493.409 { 68}

Date of Fit: 3/13/2018 15:18:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005053 Re-Slope: 1.000000
 A1 (Gain): 2.687353 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999415 Status: OK.
 Std Error of Est: 0.009778
 Predicted MDL: 0.000568
 Predicted MQL: 0.001894

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	-.00512	.001	1
S1	.20000	.20403	.004	2.01	.54324	.002	1
S2	2.5000	2.6561	.156	6.24	7.1329	.012	1
S3	5.0000	5.2700	.270	5.40	14.157	.028	1
S4	10.000	10.158	.158	1.58	27.292	.046	1
S5	20.000	19.412	-.588	-2.94	52.162	.499	1

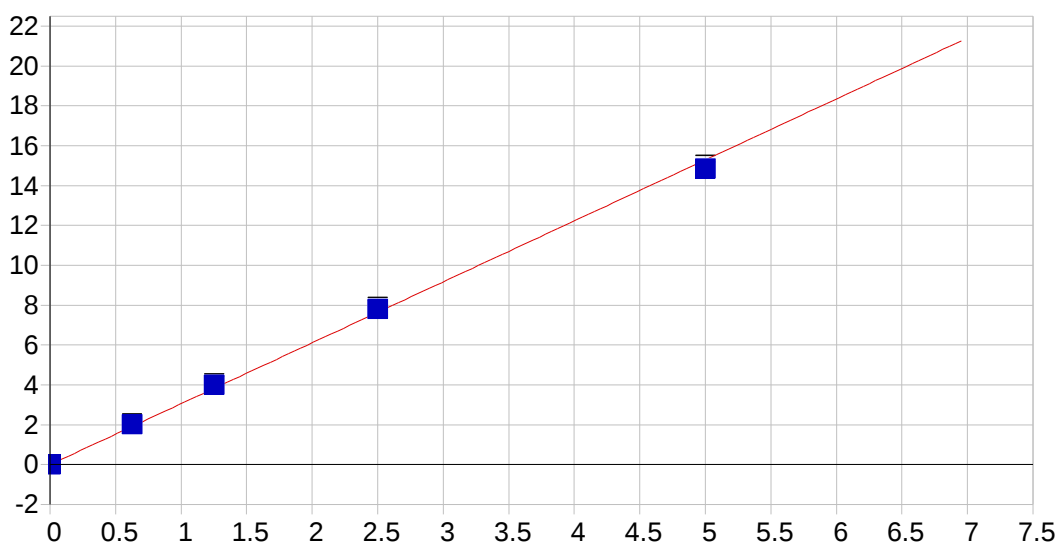


Be 234.861 {144}

Date of Fit: 3/13/2018 15:18:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001450 Re-Slope: 1.000000
 A1 (Gain): 3.993870 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999331 Status: OK.
 Std Error of Est: 0.000546
 Predicted MDL: 0.000074
 Predicted MQL: 0.000245

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00145	.000	1
S1	.00500	.00540	.000	8.05	.02011	.001	1
S2	.12500	.13579	.011	8.64	.53871	.006	1
S3	.25000	.26333	.013	5.33	1.0459	.003	1
S4	.50000	.50363	.004	.725	2.0012	.016	1
S5	1.0000	.97184	-.028	-2.82	3.8625	.049	1

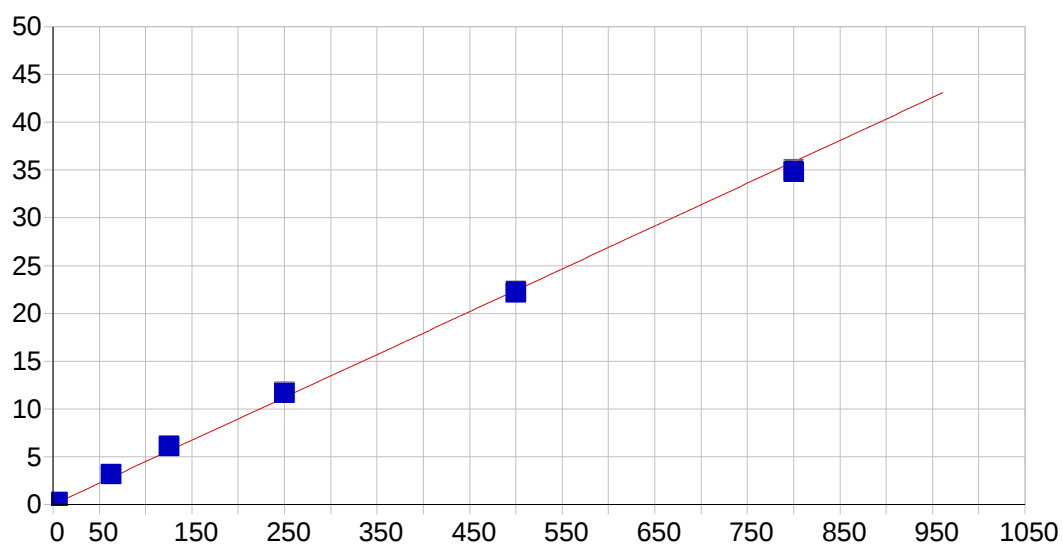


Cd 214.438 {457}

Date of Fit: 3/13/2018 15:18:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000196 Re-Slope: 1.000000
 A1 (Gain): 3.058209 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999442 Status: OK.
 Std Error of Est: 0.000859
 Predicted MDL: 0.000061
 Predicted MQL: 0.000202

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00020	.000	1
S1	.00500	.00525	.000	4.97	.01587	.001	1
S2	.62500	.66284	.038	6.05	2.0308	.007	1
S3	1.2500	1.3093	.059	4.74	4.0117	.052	1
S4	2.5000	2.5507	.051	2.03	7.8161	.081	1
S5	5.0000	4.8519	-.148	-2.96	14.869	.168	1

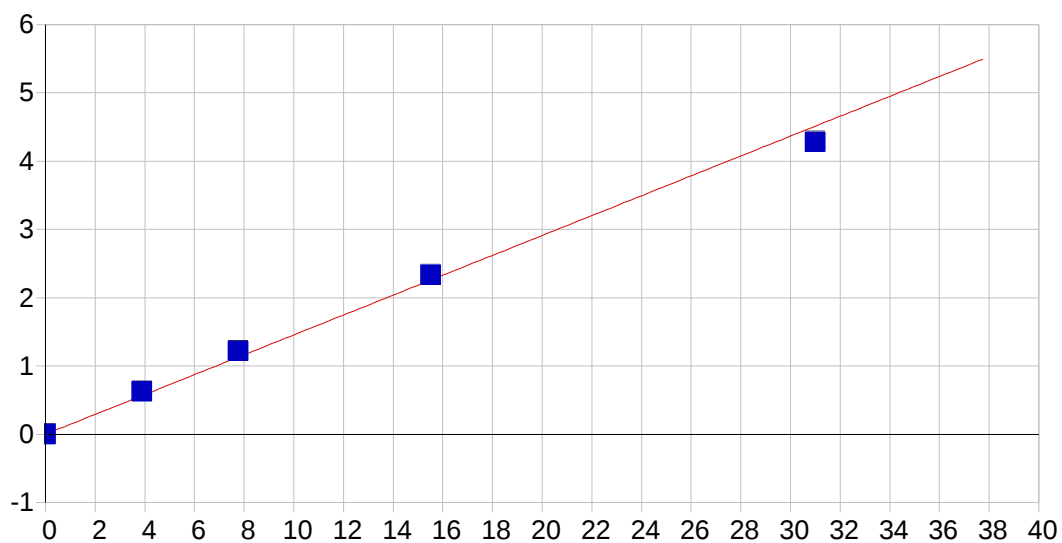


Ca 373.690 { 90}

Date of Fit: 3/13/2018 15:23:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001330 Re-Slope: 1.000000
 A1 (Gain): 0.044822 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999113 Status: OK.
 Std Error of Est: 0.006623
 Predicted MDL: 0.011529
 Predicted MQL: 0.038432

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00160	-.002	.000	.00126	.000	1
S1	5.0000	5.5571	.557	11.1	.25044	.001	1
S2	62.500	69.923	7.42	11.9	3.1454	.003	1
S3	125.00	136.15	11.2	8.92	6.1239	.014	1
S4	250.00	260.33	10.3	4.13	11.710	.037	1
S5	500.00	494.00	-6.00	-1.20	22.223	.111	1
S6	800.00	776.60	-23.4	-2.93	35.023	.044	1

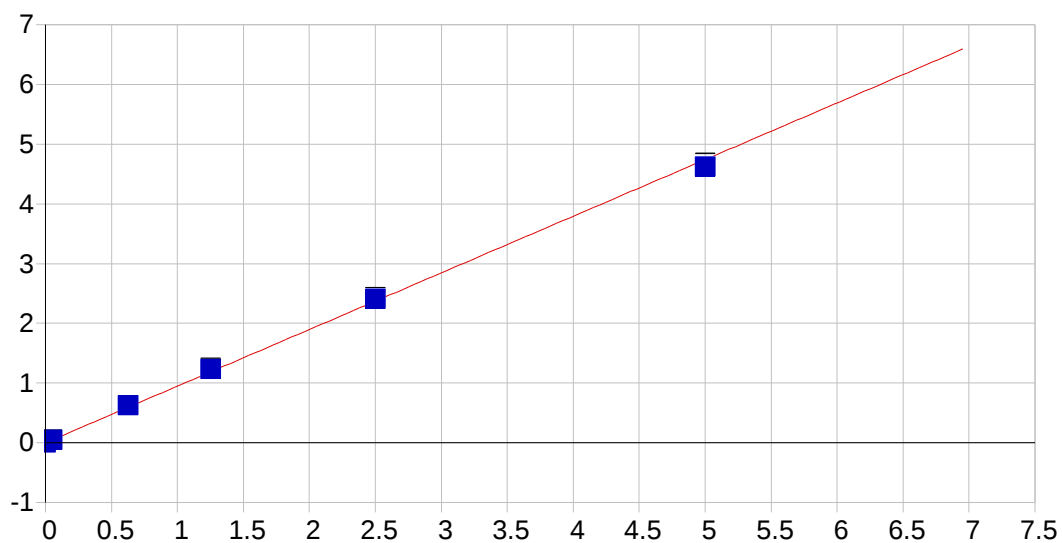


Cr 267.716 {126}

Date of Fit: 3/13/2018 15:18:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000061 Re-Slope: 1.000000
 A1 (Gain): 0.145599 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998276 Status: OK.
 Std Error of Est: 0.000253
 Predicted MDL: 0.000488
 Predicted MQL: 0.001625

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00006	.000	1
S1	.01000	.01142	.001	14.2	.00161	.000	1
S2	3.8750	4.3083	.433	11.2	.62821	.002	1
S3	7.7500	8.3741	.624	8.05	1.2212	.005	1
S4	15.500	16.049	.549	3.54	2.3406	.005	1
S5	31.000	29.393	-1.61	-5.19	4.2874	.009	1

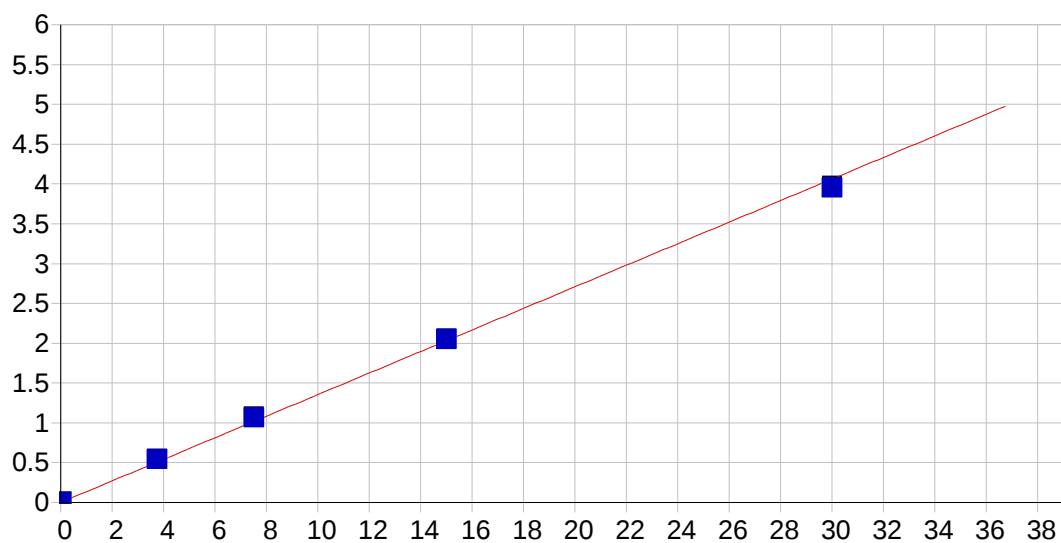


Co 228.616 {448}

Date of Fit: 3/13/2018 15:18:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000308 Re-Slope: 1.000000
 A1 (Gain): 0.948235 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999616 Status: OK.
 Std Error of Est: 0.000700
 Predicted MDL: 0.000194
 Predicted MQL: 0.000647

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00031	.000	1
S1	.05000	.04992	.000	-.155	.04721	.001	1
S2	.62500	.65655	.032	5.05	.62343	.002	1
S3	1.2500	1.3001	.050	4.01	1.2349	.017	1
S4	2.5000	2.5408	.041	1.63	2.4136	.024	1
S5	5.0000	4.8776	-.122	-2.45	4.6342	.052	1

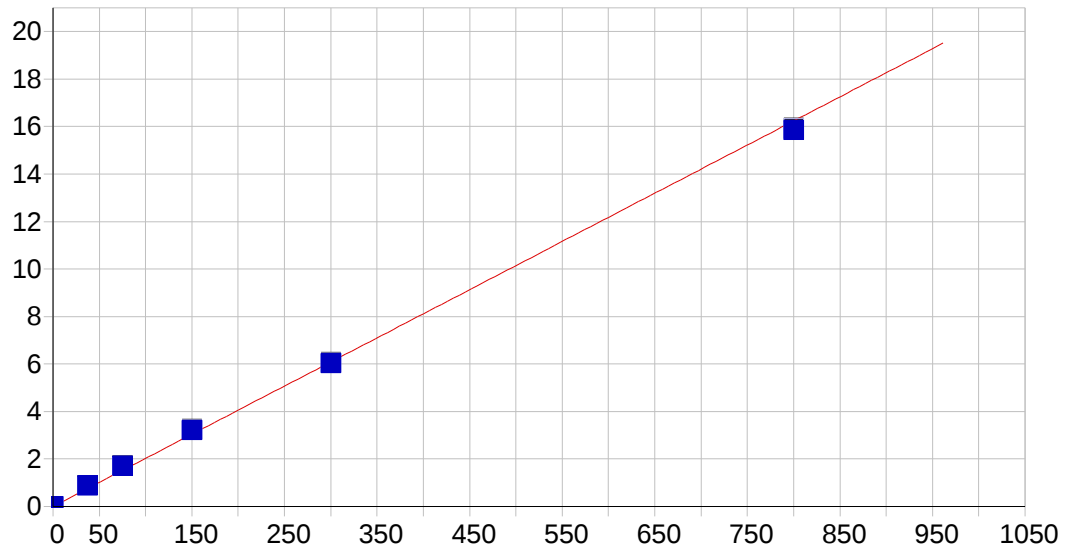


Cu 324.754 {104}

Date of Fit: 3/13/2018 15:18:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000642 Re-Slope: 1.000000
 A1 (Gain): 0.135373 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999486 Status: OK.
 Std Error of Est: 0.000199
 Predicted MDL: 0.002494
 Predicted MQL: 0.008312

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00064	.000	1
S1	.02500	.02735	.002	9.42	.00434	.000	1
S2	3.7500	3.9958	.246	6.55	.54125	.004	1
S3	7.5000	7.8877	.388	5.17	1.0678	.004	1
S4	15.000	15.140	.140	.936	2.0490	.002	1
S5	30.000	29.224	-.776	-2.59	3.9542	.016	1



Fe 259.837 {130}

Date of Fit: 3/13/2018 15:23:03

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000100

Re-Slope: 1.000000

A1 (Gain): 0.020293

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998980

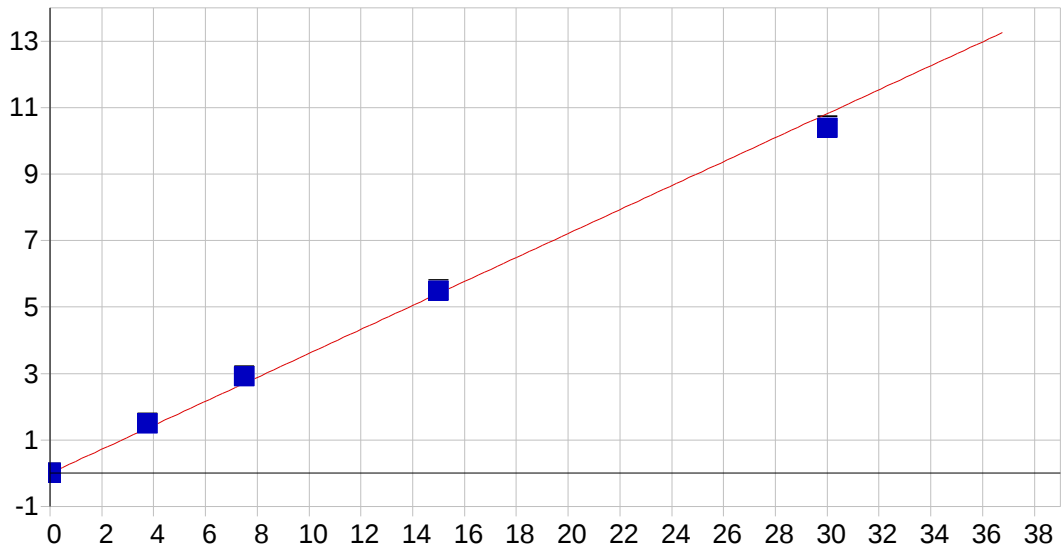
Status: OK.

Std Error of Est: 0.000402

Predicted MDL: 0.008885

Predicted MQL: 0.029617

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	.000	.000	.00010	.000	1
S1	.10000	.11546	.015	15.5	.00249	.000	1
S2	37.500	43.067	5.57	14.8	.87813	.002	1
S3	75.000	83.716	8.72	11.6	1.7071	.001	1
S4	150.00	158.30	8.30	5.54	3.2289	.021	1
S5	300.00	296.92	-3.08	-1.03	6.0581	.024	1
S6	800.00	780.46	-19.5	-2.44	15.912	.033	1

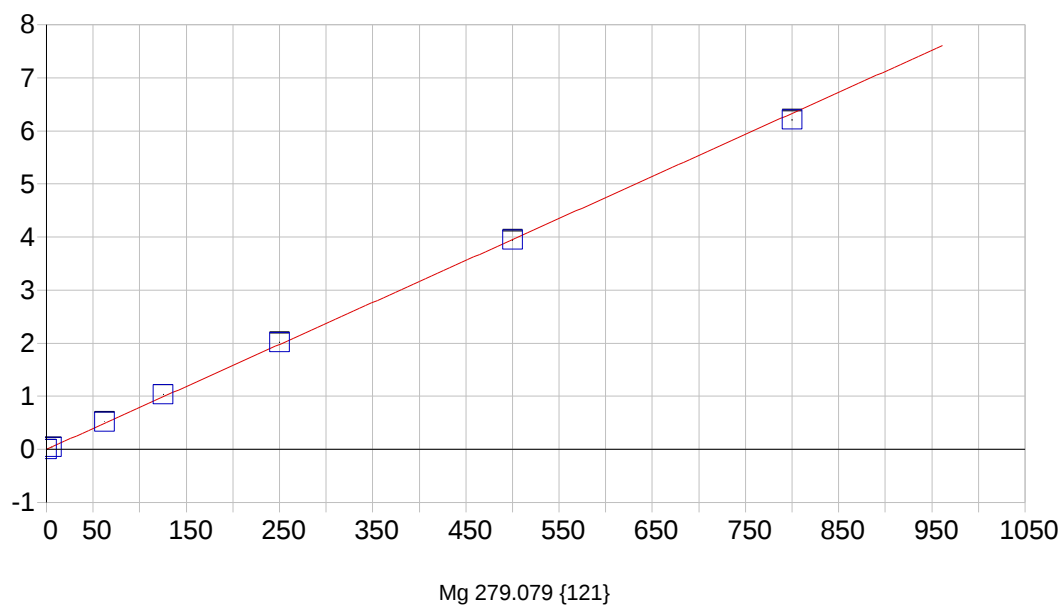


Mn 257.610 {131}

Date of Fit: 3/13/2018 15:18:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000021 Re-Slope: 1.000000
 A1 (Gain): 0.360524 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998743 Status: OK.
 Std Error of Est: 0.000644
 Predicted MDL: 0.000500
 Predicted MQL: 0.001667

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00002	.000	1
S1	.01500	.01636	.001	9.05	.00592	.000	1
S2	3.7500	4.1531	.403	10.8	1.4976	.006	1
S3	7.5000	8.0871	.587	7.83	2.9162	.007	1
S4	15.000	15.222	.222	1.48	5.4891	.026	1
S5	30.000	28.787	-1.21	-4.04	10.381	.065	1



Date of Fit: 3/13/2018 15:23:03

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000188

Re-Slope: 1.000000

A1 (Gain): 0.007911

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999728

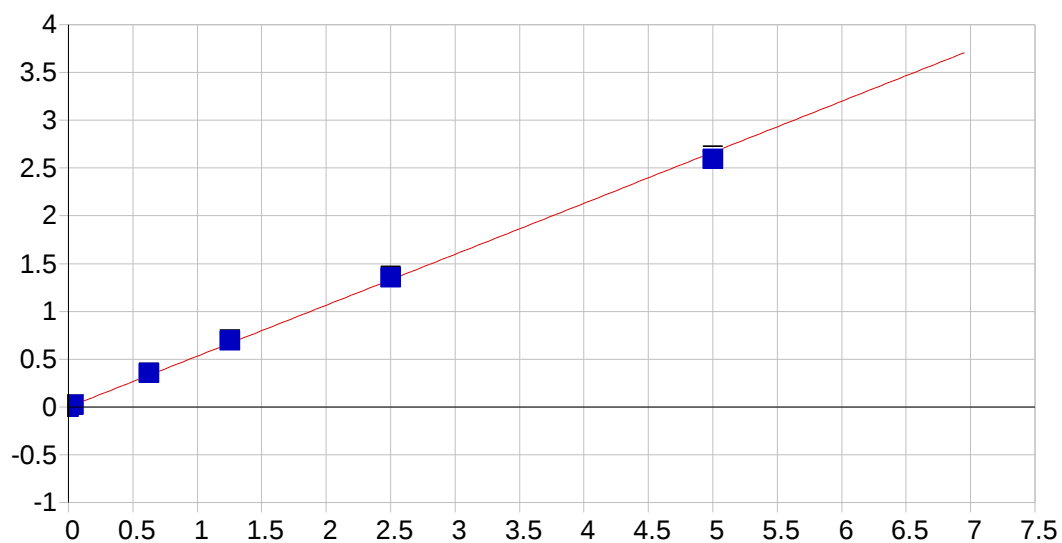
Status: OK.

Std Error of Est: 0.000645

Predicted MDL: 0.027108

Predicted MQL: 0.090358

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00080	-.001	.000	-.00019	.000	1
S1	5.0000	5.2372	.237	4.74	.04124	.000	1
S2	62.500	66.212	3.71	5.94	.52360	.002	1
S3	125.00	131.45	6.45	5.16	1.0396	.001	1
S4	250.00	255.26	5.26	2.10	2.0191	.013	1
S5	500.00	499.13	-.868	-.174	3.9483	.017	1
S6	800.00	785.21	-14.8	-1.85	6.2114	.016	1

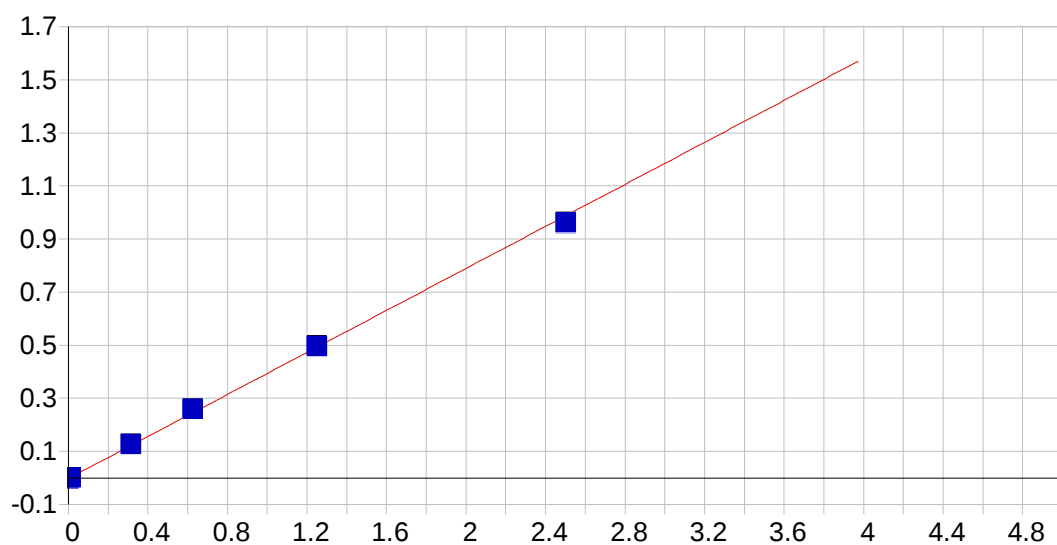


Ni 231.604 {446}

Date of Fit: 3/13/2018 15:18:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001216 Re-Slope: 1.000000
 A1 (Gain): 0.533218 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999524 Status: OK.
 Std Error of Est: 0.000392
 Predicted MDL: 0.000344
 Predicted MQL: 0.001147

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00122	.000	1
S1	.04000	.04138	.001	3.46	.02086	.001	1
S2	.62500	.66232	.037	5.97	.35263	.001	1
S3	1.2500	1.3067	.057	4.53	.69690	.009	1
S4	2.5000	2.5382	.038	1.53	1.3550	.014	1
S5	5.0000	4.8664	-.134	-2.67	2.5991	.030	1

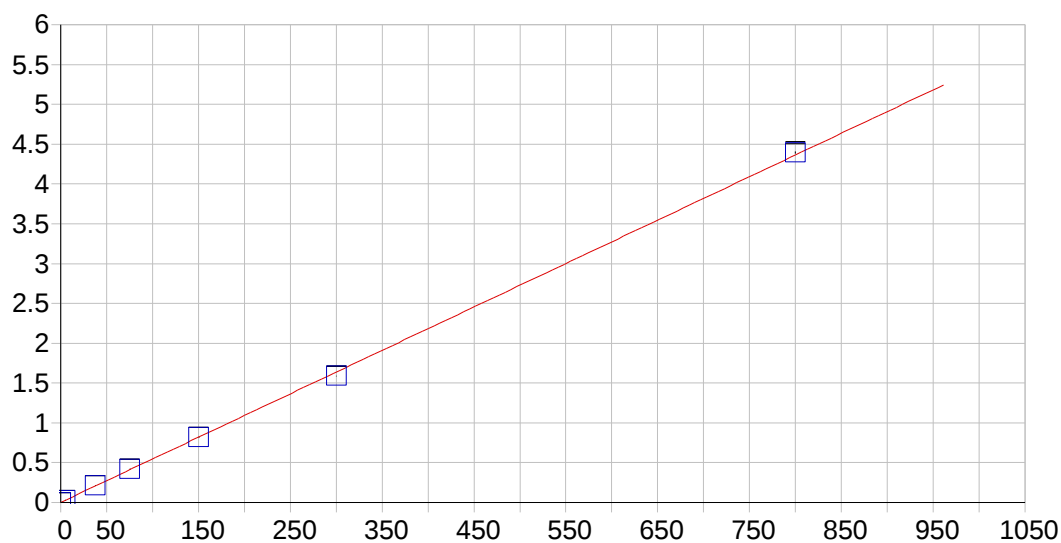


Ag 328.068 {103}

Date of Fit: 3/13/2018 15:18:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001910 Re-Slope: 1.000000
 A1 (Gain): 0.395590 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999503 Status: OK.
 Std Error of Est: 0.000104
 Predicted MDL: 0.000361
 Predicted MQL: 0.001204

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00191	.000	1
S1	.01000	.00991	.000	-.932	.00198	.000	1
S2	.31250	.32583	.013	4.26	.12614	.001	1
S3	.62500	.66361	.039	6.18	.25892	.001	1
S4	1.2500	1.2607	.011	.858	.49345	.003	1
S5	2.5000	2.4374	-.063	-2.50	.95556	.001	1

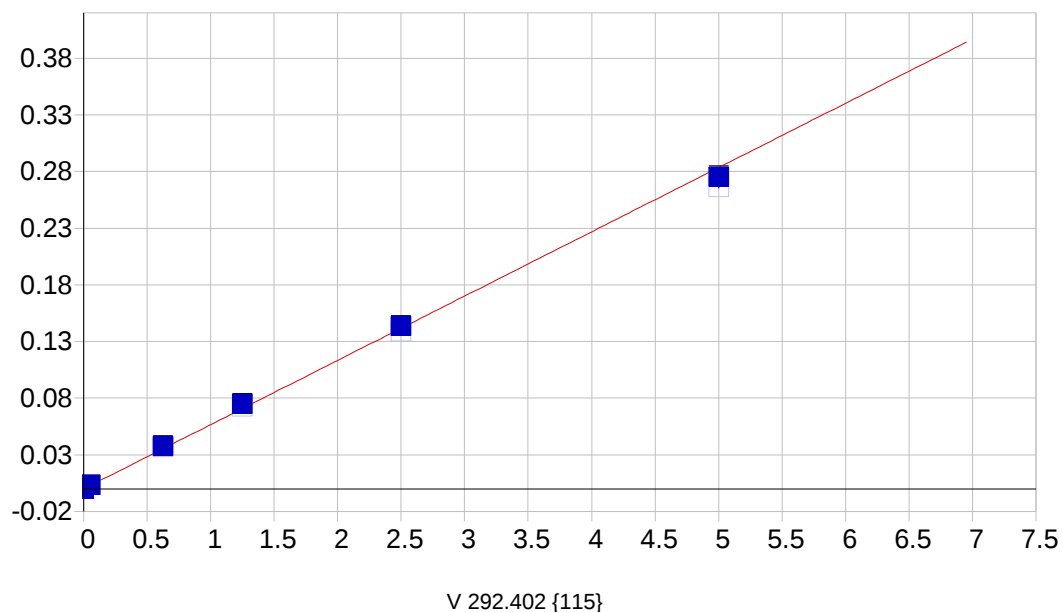


Na 818.326 { 41}

Date of Fit: 3/13/2018 15:23:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001488 Re-Slope: 1.000000
 A1 (Gain): 0.005453 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999850 Status: OK.
 Std Error of Est: 0.000292
 Predicted MDL: 0.233947
 Predicted MQL: 0.779823

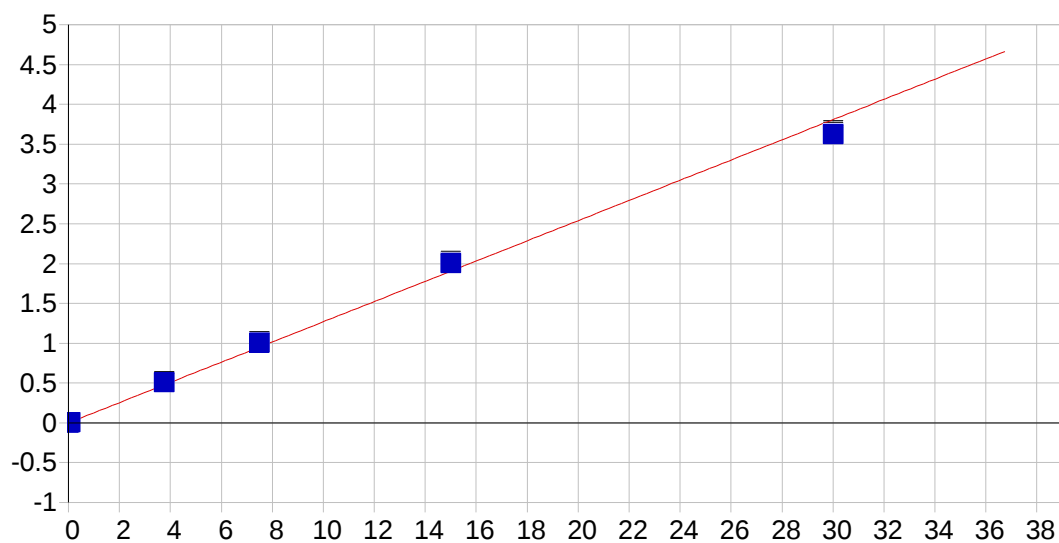
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00029	.000	.000	.00149	.000	1
S1	5.0000	5.0918	.092	1.84	.02925	.001	1
S2	37.500	38.875	1.37	3.67	.21347	.001	1
S3	75.000	77.034	2.03	2.71	.42155	.001	1
S4	150.00	149.73	-.272	-.182	.81794	.002	1
S5	300.00	291.13	-8.87	-2.96	1.5890	.001	1
S6	800.00	805.64	5.64	.705	4.3946	.016	1



Date of Fit: 3/13/2018 15:18:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000077 Re-Slope: 1.000000
 A1 (Gain): 0.056704 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999340 Status: OK.
 Std Error of Est: 0.000053
 Predicted MDL: 0.003720
 Predicted MQL: 0.012399

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00008	.000	1
S1	.05000	.05582	.006	11.6	.00308	.000	1
S2	.62500	.66598	.041	6.56	.03652	.000	1
S3	1.2500	1.3177	.068	5.42	.07230	.001	1
S4	2.5000	2.5307	.031	1.23	.13875	.001	1
S5	5.0000	4.8546	-.145	-2.91	.26585	.001	1

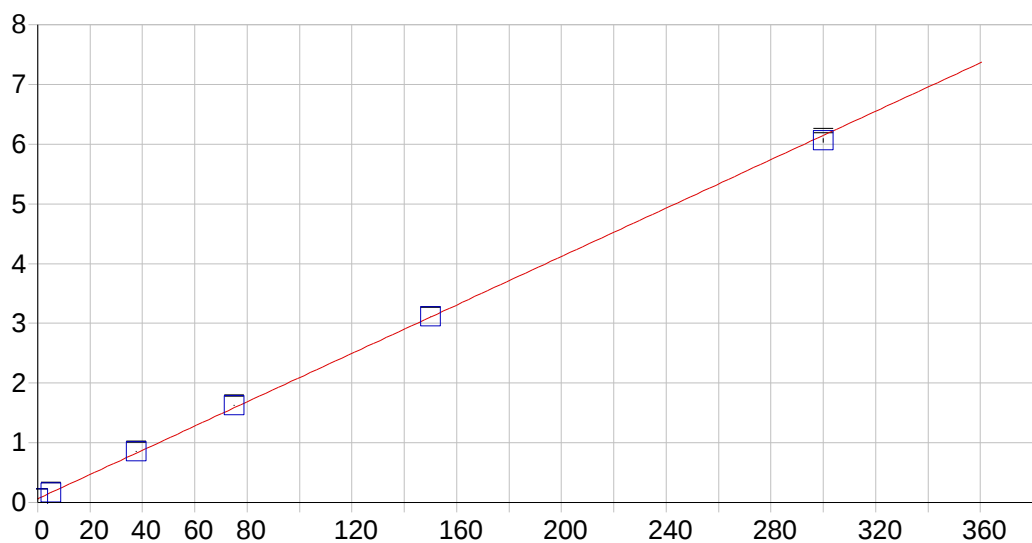


Zn 213.856 {158}

Date of Fit: 3/13/2018 15:18:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000285 Re-Slope: 1.000000
 A1 (Gain): 0.126959 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998619 Status: OK.
 Std Error of Est: 0.000477
 Predicted MDL: 0.003663
 Predicted MQL: 0.012211

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00029	.000	1
S1	.06000	.06402	.004	6.70	.00787	.001	1
S2	3.7500	3.9913	.241	6.44	.50869	.006	1
S3	7.5000	7.9368	.437	5.82	1.0118	.008	1
S4	15.000	15.801	.801	5.34	2.0147	.014	1
S5	30.000	28.517	-1.48	-4.94	3.6381	.030	1

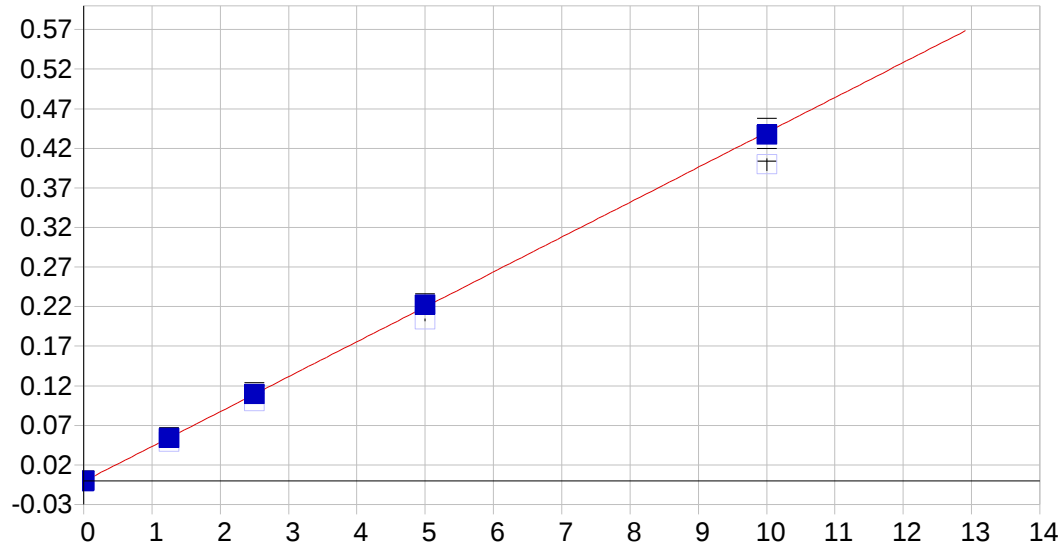


K 769.896 { 44}

Date of Fit: 3/13/2018 15:18:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.064122 Re-Slope: 1.000000
 A1 (Gain): 0.020271 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999838 Status: OK.
 Std Error of Est: 0.000752
 Predicted MDL: 0.054513
 Predicted MQL: 0.181710

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00050	.000	.000	.06411	.001	1
S1	5.0000	5.2169	.217	4.34	.16988	.000	1
S2	37.500	39.052	1.55	4.14	.85576	.009	1
S3	75.000	76.994	1.99	2.66	1.6249	.007	1
S4	150.00	150.35	.346	.231	3.1118	.004	1
S5	300.00	295.89	-4.11	-1.37	6.0622	.037	1

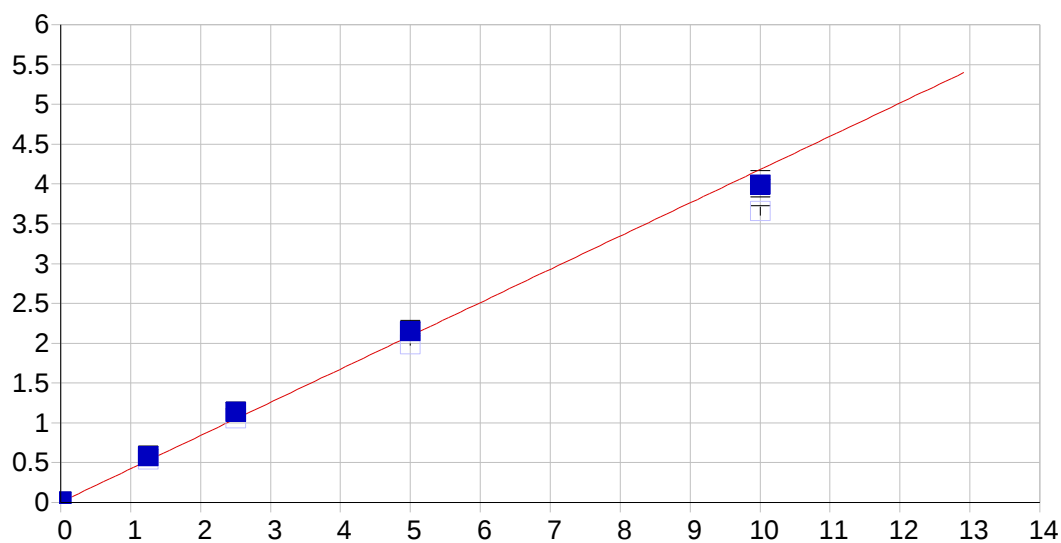


P 177.495 {490}

Date of Fit: 3/13/2018 15:18:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000878 Re-Slope: 1.000000
 A1 (Gain): 0.044099 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999936 Status: OK.
 Std Error of Est: 0.000008
 Predicted MDL: 0.001948
 Predicted MQL: 0.006493

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00088	.000	1
S1	.01000	.01294	.003	29.4	-.00034	.000	1
S2	1.2500	1.2426	-.007	-.594	.04917	.001	1
S3	2.5000	2.5058	.006	.232	.10012	.002	1
S4	5.0000	5.0596	.060	1.19	.20323	.001	1
S5	10.000	9.9390	-.061	-.610	.39939	.008	1

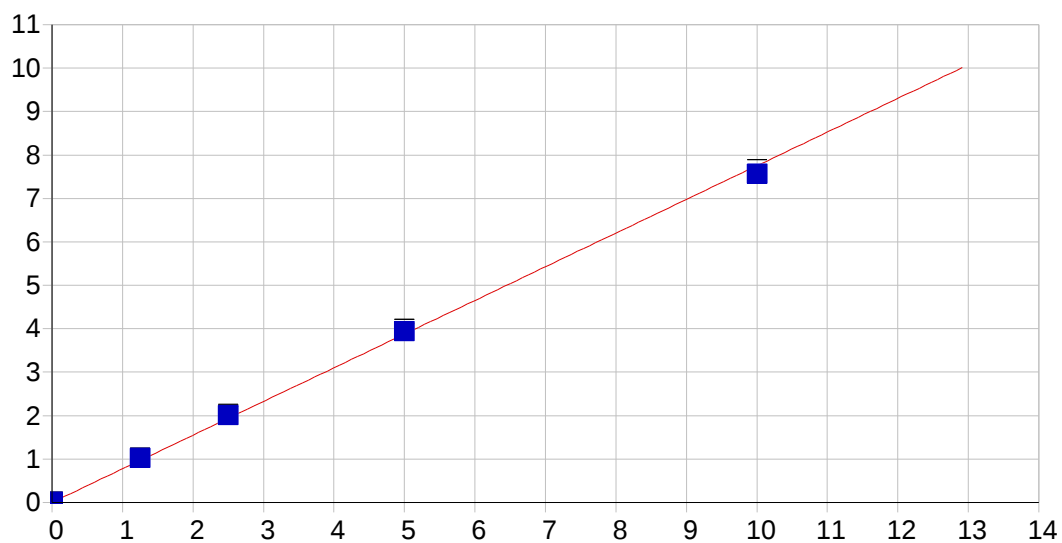


B 249.678 {135}

Date of Fit: 3/13/2018 15:18:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005014 Re-Slope: 1.000000
 A1 (Gain): 0.417590 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998288 Status: OK.
 Std Error of Est: 0.000378
 Predicted MDL: 0.000886
 Predicted MQL: 0.002955

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00501	.000	1
S1	.01000	.00716	-.003	-28.4	.00792	.000	1
S2	1.2500	1.3762	.126	10.1	.53834	.003	1
S3	2.5000	2.7031	.203	8.12	1.0511	.003	1
S4	5.0000	5.1327	.133	2.65	1.9830	.016	1
S5	10.000	9.5411	-.459	-4.59	3.6585	.053	1

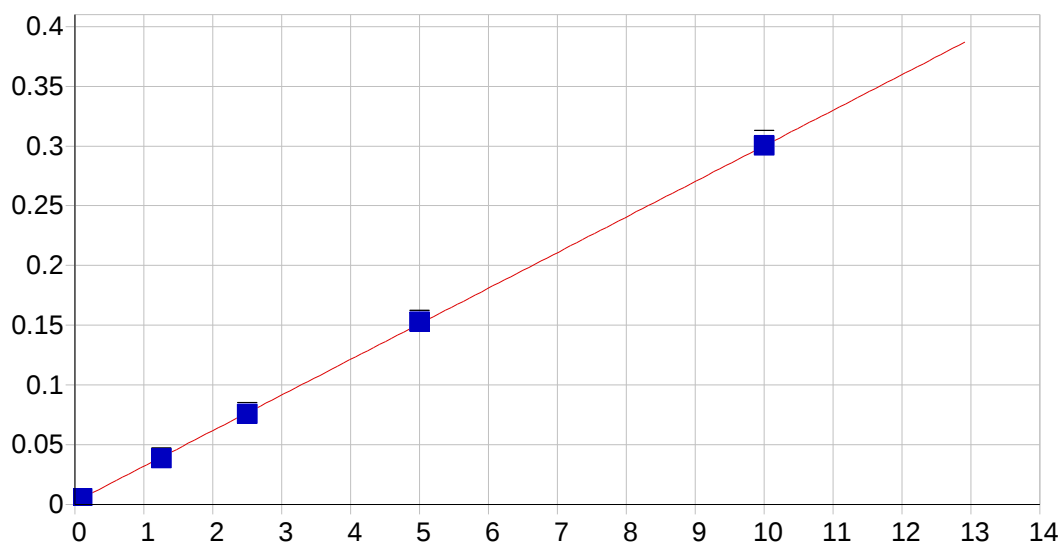


Mo 202.030 {467}

Date of Fit: 3/13/2018 15:18:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000170 Re-Slope: 1.000000
 A1 (Gain): 0.775280 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999625 Status: OK.
 Std Error of Est: 0.000356
 Predicted MDL: 0.000216
 Predicted MQL: 0.000719

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00017	.000	1
S1	.01000	.01045	.000	4.48	.00827	.000	1
S2	1.2500	1.3171	.067	5.37	1.0213	.002	1
S3	2.5000	2.5885	.088	3.54	2.0069	.023	1
S4	5.0000	5.0861	.086	1.72	3.9431	.049	1
S5	10.000	9.7579	-.242	-2.42	7.5650	.104	1

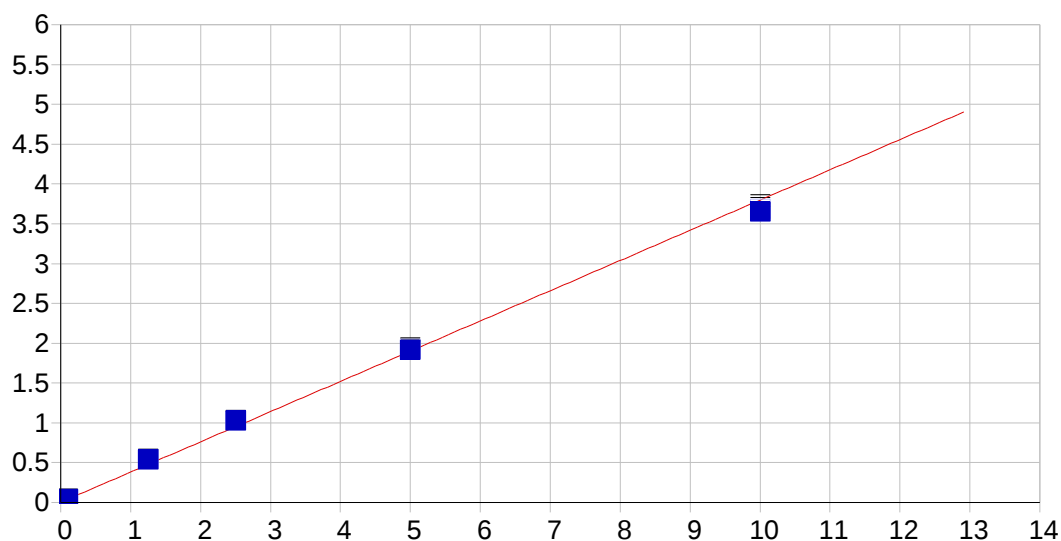


S 182.034 {485}

Date of Fit: 3/13/2018 15:18:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002232 Re-Slope: 1.000000
 A1 (Gain): 0.029793 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999934 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.003098
 Predicted MQL: 0.010326

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00223	.000	1
S1	.10000	.09175	-.008	-8.25	.00496	.000	1
S2	1.2500	1.2241	-.026	-2.07	.03872	.000	1
S3	2.5000	2.4644	-.036	-1.42	.07568	.001	1
S4	5.0000	5.0609	.061	1.22	.15306	.001	1
S5	10.000	10.009	.009	.088	.30053	.004	1

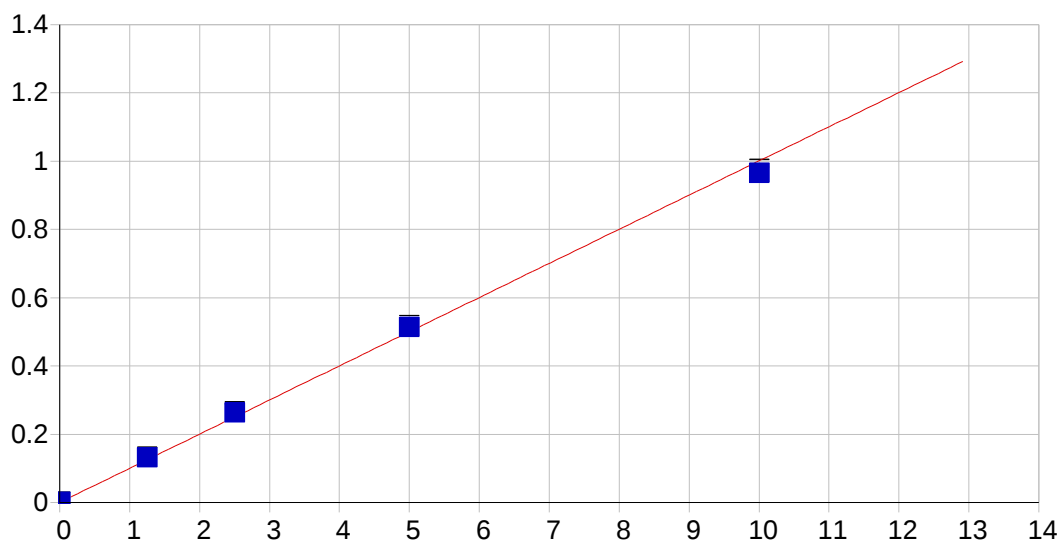


Si 251.611 {134}

Date of Fit: 3/13/2018 15:18:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002614 Re-Slope: 1.000000
 A1 (Gain): 0.379534 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998687 Status: OK.
 Std Error of Est: 0.001043
 Predicted MDL: 0.000986
 Predicted MQL: 0.003286

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00261	.000	1
S1	.10000	.09842	-.002	-1.58	.04010	.000	1
S2	1.2500	1.4133	.163	13.1	.54291	.004	1
S3	2.5000	2.6885	.189	7.54	1.0308	.001	1
S4	5.0000	5.0317	.032	.634	1.9279	.014	1
S5	10.000	9.6180	-.382	-3.82	3.6841	.056	1

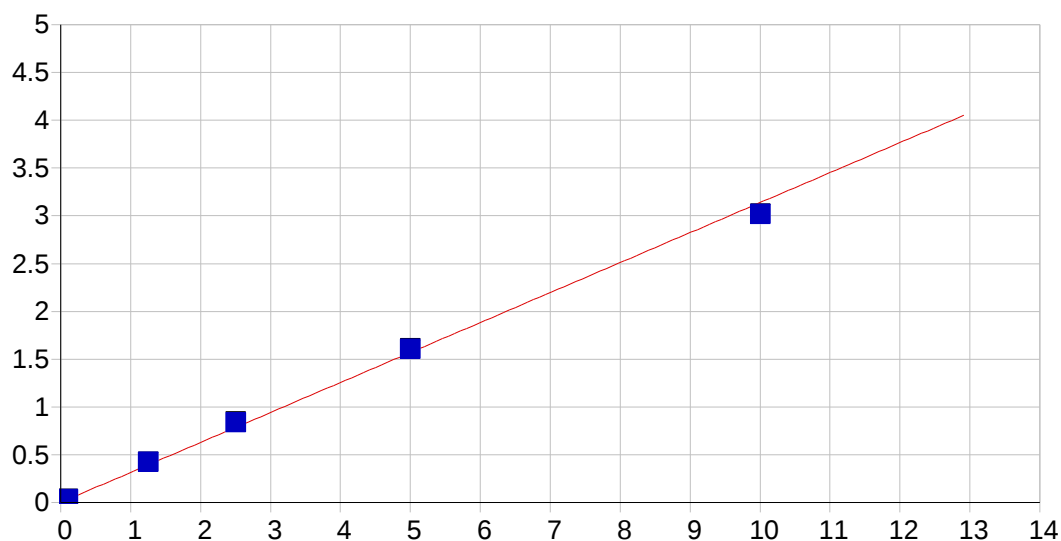


Sn 189.989 {478}

Date of Fit: 3/13/2018 15:18:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000160 Re-Slope: 1.000000
 A1 (Gain): 0.100063 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999298 Status: OK.
 Std Error of Est: 0.000052
 Predicted MDL: 0.000853
 Predicted MQL: 0.002844

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00016	.000	1
S1	.00700	.00758	.001	8.26	.00089	.000	1
S2	1.2500	1.3234	.073	5.87	.13230	.001	1
S3	2.5000	2.6272	.127	5.09	.26249	.003	1
S4	5.0000	5.1388	.139	2.78	.51326	.005	1
S5	10.000	9.6601	-.340	-3.40	.96457	.011	1

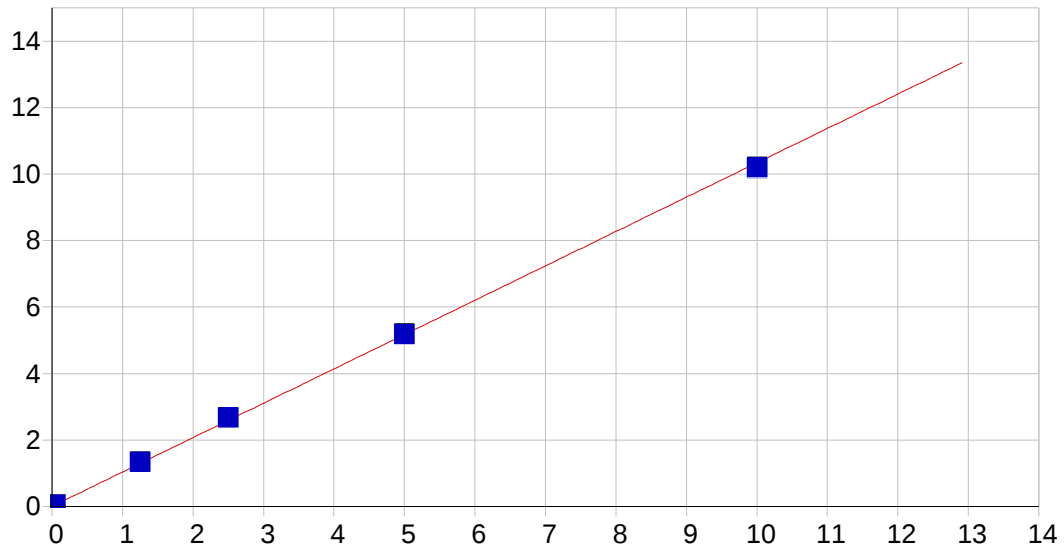


Ti 336.121 {100}

Date of Fit: 3/13/2018 15:18:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000518 Re-Slope: 1.000000
 A1 (Gain): 0.313760 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999019 Status: OK.
 Std Error of Est: 0.000739
 Predicted MDL: 0.001190
 Predicted MQL: 0.003966

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00051	.000	1
S1	.10000	.10156	.002	1.56	.03237	.001	1
S2	1.2500	1.3438	.094	7.51	.42201	.002	1
S3	2.5000	2.6770	.177	7.08	.84015	.005	1
S4	5.0000	5.1131	.113	2.26	1.6042	.006	1
S5	10.000	9.6145	-.386	-3.86	3.0160	.003	1



Li 670.784 { 50}

Date of Fit: 3/13/2018 15:18:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004981 Re-Slope: 1.000000
 A1 (Gain): 1.033364 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999853 Status: OK.
 Std Error of Est: 0.000661
 Predicted MDL: 0.001256
 Predicted MQL: 0.004188

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00498	.000	1
S5	10.000	9.8690	-.131	-1.31	10.145	.004	1
S4	5.0000	5.0139	.014	.278	5.1571	.005	1
S3	2.5000	2.5763	.076	3.05	2.6527	.009	1
S2	1.2500	1.2914	.041	3.31	1.3322	.002	1
S1	.05000	.04941	-.001	-1.17	.05594	.001	1



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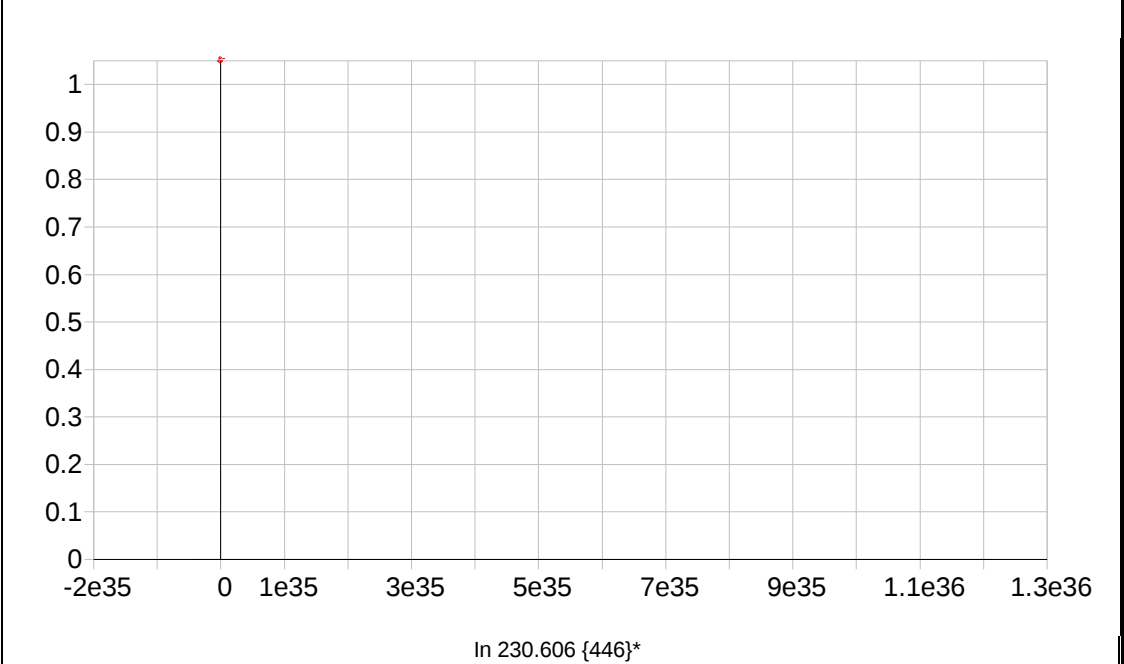
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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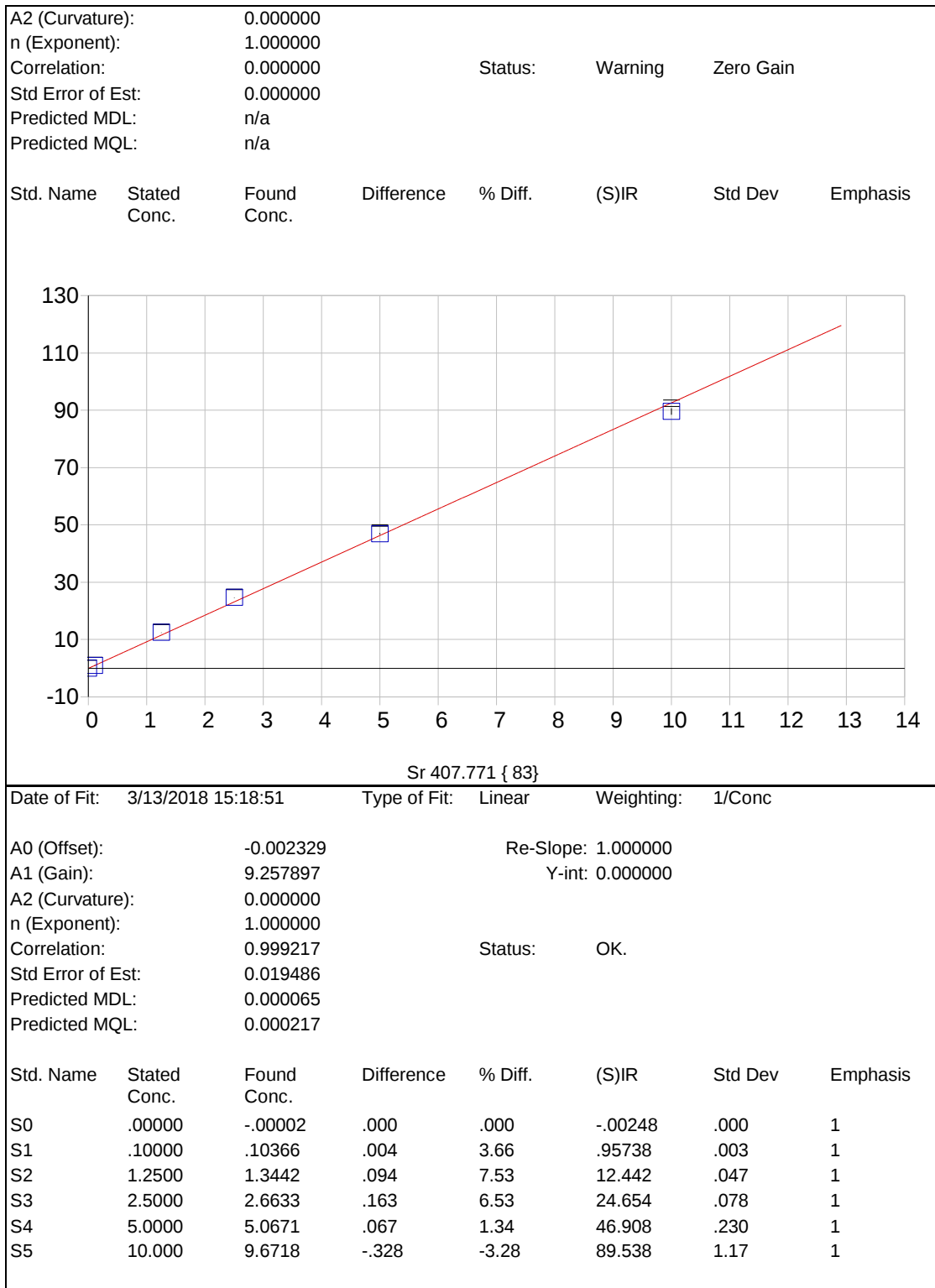


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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: 3/13/2018 14:55:01 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	-.00004	-.00001	-.00025	.00019	.00036	.00077	-.00512	-.00145
Stddev	.00010	.00013	.00001	.00015	.00013	.00012	.00077	.00021
%RSD	227.63	878.28	5.7677	80.327	35.476	15.464	15.014	14.223

#1	.00003	.00013	-.00024	.00019	.00050	.00090	-.00599	-.00169
#2	-.00015	-.00007	-.00027	.00034	.00025	.00075	-.00455	-.00131
#3	.00000	-.00010	-.00025	.00004	.00034	.00066	-.00482	-.00136

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	-.00020	.00126	-.00006	-.00031	.00064	.00010	.00002	-.00019
Stddev	.00008	.00037	.00001	.00022	.00014	.00007	.00027	.00017
%RSD	40.440	29.424	22.613	69.368	21.477	65.805	1416.2	86.334

#1	-.00024	.00083	-.00007	-.00025	.00049	.00003	-.00021	-.00013
#2	-.00024	.00149	-.00005	-.00014	.00069	.00012	-.00006	-.00038
#3	-.00011	.00146	-.00007	-.00055	.00075	.00015	.00032	-.00007

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	-.00122	-.00191	.00149	-.00008	-.00029	.06411	-.00088	.00501
Stddev	.00008	.00005	.00034	.00012	.00005	.00061	.00003	.00011
%RSD	6.5411	2.6077	22.862	158.62	18.673	.95690	3.8835	2.2669

#1	-.00131	-.00186	.00155	.00004	-.00030	.06452	-.00092	.00510
#2	-.00117	-.00192	.00112	-.00007	-.00033	.06441	-.00085	.00506
#3	-.00118	-.00196	.00179	-.00021	-.00023	.06341	-.00086	.00489

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	.00017	.00223	.00261	.00016	.00051	.00498	-.00248	
Stddev	.00014	.00002	.00039	.00005	.00019	.00038	.00036	
%RSD	84.055	1.0488	14.961	31.681	36.925	7.6661	14.726	

#1	.00001	.00225	.00240	.00015	.00073	.00541	-.00206	
#2	.00021	.00224	.00306	.00012	.00038	.00470	-.00274	
#3	.00028	.00221	.00237	.00022	.00042	.00482	-.00262	

Sample Name: S0 Acquired: 3/13/2018 14:55:01 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	1986.7	4119.1	46352.	8601.9	4772.4
Stddev	22.7	3.6	193.	74.0	9.3
%RSD	1.1443	.08793	.41583	.86040	.19408
#1	1973.3	4115.0	46139.	8541.9	4768.8
#2	2012.9	4120.5	46514.	8579.3	4782.9
#3	1973.8	4121.9	46402.	8684.6	4765.4

Sample Name: S1 Acquired: 3/13/2018 14:59:09 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	.00036	.00185	.00180	.00230	.00866	.01223	.54324	.02011
Stddev	.00009	.00002	.00023	.00021	.00017	.00041	.00151	.00059
%RSD	26.110	.85460	12.730	8.9492	1.9089	3.3678	.27715	2.9366

#1	.00045	.00187	.00185	.00241	.00886	.01175	.54492	.01975
#2	.00026	.00184	.00200	.00207	.00857	.01243	.54201	.02079
#3	.00037	.00184	.00155	.00244	.00857	.01250	.54279	.01979

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	.01587	.25044	.00161	.04721	.00434	.00249	.00592	.04124
Stddev	.00056	.00063	.00003	.00120	.00045	.00011	.00014	.00024
%RSD	3.5550	.25048	1.9335	2.5368	10.299	4.5422	2.2879	.59146

#1	.01651	.25014	.00158	.04858	.00386	.00255	.00598	.04101
#2	.01545	.25001	.00160	.04662	.00441	.00236	.00576	.04149
#3	.01564	.25116	.00164	.04642	.00474	.00255	.00601	.04123

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	.02086	.00198	.02925	.00308	.00787	.16988	-.00034	.00792
Stddev	.00059	.00013	.00145	.00005	.00062	.00038	.00010	.00049
%RSD	2.8164	6.6394	4.9514	1.4898	7.8613	.22620	30.985	6.1421

#1	.02154	.00188	.02986	.00308	.00720	.17004	-.00022	.00847
#2	.02054	.00213	.03030	.00304	.00800	.17015	-.00040	.00755
#3	.02050	.00194	.02760	.00313	.00842	.16944	-.00039	.00773

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	.00827	.00496	.04010	.00089	.03237	.05594	.95738	
Stddev	.00031	.00012	.00036	.00002	.00070	.00084	.00296	
%RSD	3.7665	2.3866	.89375	1.6881	2.1495	1.4969	.30914	

#1	.00862	.00509	.03970	.00088	.03183	.05683	.95831	
#2	.00811	.00494	.04021	.00089	.03316	.05582	.95976	
#3	.00806	.00486	.04039	.00091	.03214	.05517	.95406	

Sample Name: S1 Acquired: 3/13/2018 14:59:09 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	1942.8	3966.3	45056.	8397.7	4521.3
Stddev	10.2	88.0	137.	31.4	102.8
%RSD	.52659	2.2199	.30476	.37346	2.2732
#1	1942.1	3865.9	44952.	8374.5	4404.6
#2	1933.0	4002.7	45006.	8385.2	4560.6
#3	1953.4	4030.3	45212.	8433.4	4598.6

Sample Name: S2 Acquired: 3/13/2018 15:03:16 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	.05353	.09686	1.4151	.07582	.17844	2.2464	7.1329	.53871
Stddev	.00036	.00100	.0052	.00061	.00029	.0106	.0124	.00573
%RSD	.66493	1.0297	.36364	.80150	.16122	.47367	.17434	1.0638

#1	.05388	.09801	1.4208	.07647	.17858	2.2386	7.1237	.53564
#2	.05354	.09634	1.4139	.07527	.17862	2.2586	7.1470	.54532
#3	.05317	.09624	1.4107	.07572	.17810	2.2421	7.1280	.53517

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.0308	3.1454	.62821	.62343	.54125	.87813	1.4976	.52360
Stddev	.0067	.0033	.00230	.00210	.00353	.00181	.0056	.00154
%RSD	.33037	.10594	.36681	.33609	.65264	.20562	.37399	.29352

#1	2.0385	3.1419	.63074	.62583	.53735	.87666	1.4917	.52483
#2	2.0258	3.1458	.62767	.62251	.54425	.87758	1.4984	.52188
#3	2.0282	3.1485	.62623	.62196	.54214	.88014	1.5028	.52408

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	.35263	.12614	.21347	.03652	.50869	.85576	.04917	.53834
Stddev	.00089	.00064	.00051	.00031	.00566	.00859	.00057	.00334
%RSD	.25222	.50807	.23756	.84367	1.1121	1.0033	1.1643	.61974

#1	.35349	.12653	.21345	.03616	.51478	.84681	.04981	.53582
#2	.35267	.12649	.21399	.03671	.50767	.86393	.04874	.54212
#3	.35171	.12540	.21298	.03668	.50361	.85654	.04894	.53708

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	1.0213	.03872	.54291	.13230	.42201	1.3322	12.442	
Stddev	.0019	.00044	.00441	.00087	.00158	.0020	.047	
%RSD	.18809	1.1352	.81253	.65567	.37419	.14701	.37799	

#1	1.0217	.03921	.53935	.13327	.42018	1.3343	12.409	
#2	1.0229	.03837	.54785	.13160	.42290	1.3304	12.496	
#3	1.0192	.03856	.54154	.13203	.42293	1.3319	12.421	

Sample Name: S2 Acquired: 3/13/2018 15:03:16 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	1834.9	3903.9	43495.	8449.1	4165.6
Stddev	7.8	20.9	226.	32.2	23.1
%RSD	.42740	.53583	.52010	.38154	.55396
#1	1825.9	3901.0	43235.	8484.8	4151.9
#2	1839.0	3884.6	43640.	8440.3	4152.7
#3	1839.9	3926.2	43611.	8422.1	4192.3

Sample Name: S3 Acquired: 3/13/2018 15:07:07 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	.10651	.18762	2.8064	.14929	.35491	4.4896	14.157	1.0459
Stddev	.00131	.00291	.0374	.00203	.00389	.0177	.028	.0035
%RSD	1.2326	1.5535	1.3312	1.3588	1.0962	.39519	.19477	.33302

#1	.10567	.18590	2.7924	.14843	.35381	4.5015	14.187	1.0480
#2	.10584	.18598	2.7780	.14783	.35168	4.4692	14.133	1.0478
#3	.10802	.19099	2.8487	.15160	.35923	4.4982	14.151	1.0419

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.0117	6.1239	1.2212	1.2349	1.0678	1.7071	2.9162	1.0396
Stddev	.0520	.0140	.0047	.0167	.0041	.0006	.0069	.0010
%RSD	1.2957	.22801	.38527	1.3482	.38367	.03746	.23505	.09799

#1	3.9883	6.1312	1.2255	1.2283	1.0704	1.7065	2.9187	1.0400
#2	3.9756	6.1078	1.2219	1.2225	1.0631	1.7070	2.9085	1.0405
#3	4.0713	6.1328	1.2162	1.2538	1.0699	1.7078	2.9215	1.0385

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	.69690	.25892	.42155	.07230	1.0118	1.6249	.10012	1.0511
Stddev	.00852	.00119	.00080	.00083	.0084	.0067	.00163	.0029
%RSD	1.2224	.45780	.18958	1.1418	.83297	.41506	1.6274	.27750

#1	.69399	.25996	.42075	.07244	1.0210	1.6277	.09906	1.0487
#2	.69021	.25918	.42235	.07142	1.0101	1.6172	.09930	1.0544
#3	.70649	.25763	.42155	.07306	1.0044	1.6298	.10199	1.0502

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	2.0069	.07568	1.0308	.26249	.84015	2.6527	24.654	
Stddev	.0230	.00128	.0015	.00327	.00490	.0091	.078	
%RSD	1.1468	1.6933	.14291	1.2445	.58326	.34271	.31730	

#1	1.9958	.07486	1.0316	.26123	.84432	2.6628	24.730	
#2	1.9915	.07503	1.0317	.26004	.83476	2.6452	24.573	
#3	2.0333	.07716	1.0291	.26620	.84138	2.6501	24.659	

Sample Name: S3 Acquired: 3/13/2018 15:07:07 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	1763.1	3753.5	42410.	8305.7	3933.4
Stddev	8.2	37.4	163.	22.3	44.5
%RSD	.46270	.99723	.38543	.26822	1.1317
#1	1753.7	3766.9	42226.	8315.0	3950.5
#2	1767.3	3782.4	42537.	8321.8	3966.8
#3	1768.3	3711.2	42468.	8280.3	3882.9

Sample Name: S4 Acquired: 3/13/2018 15:10:57 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	.21473	.35988	5.5065	.29997	.71125	8.7996	27.292	2.0012
Stddev	.00208	.00324	.0522	.00392	.00795	.0173	.046	.0159
%RSD	.96805	.89941	.94787	1.3082	1.1182	.19616	.16921	.79262

#1	.21635	.36359	5.5564	.30384	.71944	8.8124	27.246	2.0124
#2	.21545	.35845	5.5108	.30009	.71074	8.8063	27.293	1.9831
#3	.21238	.35760	5.4523	.29599	.70356	8.7800	27.338	2.0082

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.8161	11.710	2.3406	2.4136	2.0490	3.2289	5.4891	2.0191
Stddev	.0809	.037	.0051	.0236	.0021	.0211	.0260	.0135
%RSD	1.0356	.31818	.21803	.97957	.10428	.65252	.47312	.66668

#1	7.9025	11.678	2.3347	2.4369	2.0514	3.2148	5.4714	2.0099
#2	7.8036	11.700	2.3429	2.4144	2.0479	3.2187	5.4769	2.0129
#3	7.7421	11.751	2.3441	2.3896	2.0476	3.2531	5.5189	2.0346

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	1.3550	.49345	.81794	.13875	2.0147	3.1118	.20323	1.9830
Stddev	.0135	.00261	.00161	.00086	.0144	.0037	.00140	.0156
%RSD	.99676	.52814	.19633	.62151	.71632	.11799	.69108	.78420

#1	1.3682	.49552	.81822	.13931	2.0298	3.1130	.20485	1.9956
#2	1.3555	.49052	.81622	.13918	2.0134	3.1077	.20233	1.9656
#3	1.3412	.49430	.81939	.13776	2.0010	3.1148	.20251	1.9877

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	3.9431	.15306	1.9279	.51326	1.6042	5.1571	46.908	
Stddev	.0495	.00137	.0139	.00527	.0063	.0045	.230	
%RSD	1.2544	.89825	.72208	1.0271	.39047	.08791	.49018	

#1	3.9938	.15432	1.9391	.51850	1.6057	5.1583	46.701	
#2	3.9406	.15327	1.9123	.51332	1.6097	5.1609	46.868	
#3	3.8950	.15160	1.9322	.50795	1.5974	5.1521	47.156	

Sample Name: S4 Acquired: 3/13/2018 15:10:57 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	1694.6	3610.0	42090.	8446.9	3746.9
Stddev	14.6	37.1	171.	40.5	31.8
%RSD	.86435	1.0287	.40596	.47993	.84987
#1	1682.6	3572.9	42045.	8440.8	3714.8
#2	1711.0	3609.8	42279.	8490.2	3747.3
#3	1690.4	3647.1	41946.	8409.8	3778.5

Sample Name: S5 Acquired: 3/13/2018 15:14:51 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	.43200	.67292	10.753	.59444	1.4291	17.109	52.162	3.8625
Stddev	.00676	.01113	.106	.00848	.0170	.030	.499	.0488
%RSD	1.5649	1.6535	.98811	1.4269	1.1913	.17581	.95691	1.2628

#1	.43530	.68060	10.820	.59916	1.4376	17.139	52.738	3.9101
#2	.43648	.67802	10.808	.59951	1.4401	17.110	51.845	3.8648
#3	.42422	.66016	10.631	.58465	1.4095	17.079	51.904	3.8126

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	14.869	22.223	4.2874	4.6342	3.9542	6.0581	10.381	3.9483
Stddev	.168	.111	.0087	.0520	.0159	.0244	.065	.0166
%RSD	1.1287	.49796	.20314	1.1219	.40324	.40266	.63077	.42156

#1	14.957	22.338	4.2801	4.6648	3.9623	6.0842	10.442	3.9662
#2	14.975	22.215	4.2850	4.6636	3.9645	6.0544	10.388	3.9454
#3	14.676	22.117	4.2971	4.5742	3.9358	6.0359	10.312	3.9333

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	2.5991	.95556	1.5890	.26585	3.6381	6.0622	.39939	3.6585
Stddev	.0304	.00141	.0012	.00082	.0302	.0367	.00770	.0528
%RSD	1.1706	.14712	.07508	.30936	.83067	.60525	1.9281	1.4436

#1	2.6171	.95715	1.5878	.26680	3.6283	6.0710	.40364	3.7074
#2	2.6162	.95505	1.5902	.26533	3.6140	6.0936	.40403	3.6656
#3	2.5640	.95449	1.5891	.26542	3.6720	6.0219	.39050	3.6025

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	7.5650	.30053	3.6841	.96457	3.0160	10.145	89.538	
Stddev	.1040	.00440	.0563	.01078	.0031	.004	1.174	
%RSD	1.3752	1.4642	1.5296	1.1180	.10214	.03831	1.3112	

#1	7.6064	.30289	3.7380	.97205	3.0128	10.150	90.104	
#2	7.6419	.30324	3.6885	.96944	3.0189	10.143	90.322	
#3	7.4466	.29545	3.6256	.95221	3.0162	10.143	88.188	

Sample Name: S5 Acquired: 3/13/2018 15:14:51 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	1502.2	3248.8	39480.	8092.4	3384.6
Stddev	6.2	35.8	164.	62.6	34.2
%RSD	.41169	1.1016	.41490	.77362	1.0101
#1	1495.1	3233.6	39513.	8030.0	3362.3
#2	1506.3	3223.2	39624.	8092.1	3367.7
#3	1505.3	3289.7	39302.	8155.2	3424.0

Sample Name: S6 Acquired: 3/13/2018 15:18:56 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	44.509	35.023	15.912	6.2114	4.3946
Stddev	.213	.044	.033	.0163	.0164
%RSD	.47951	.12445	.20590	.26312	.37397

#1	44.750	35.066	15.900	6.2048	4.4104
#2	44.436	34.978	15.886	6.1994	4.3776
#3	44.342	35.024	15.949	6.2300	4.3958

Int. Std.	Y_3710
Units	Cts/S
Avg	7990.5
Stddev	15.4
%RSD	.19252

#1	7973.0
#2	8001.7
#3	7996.9

Sample Name: ICV Acquired: 3/13/2018 15:23:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9398131	1.058455	.9666993	.9738219	F .8905277	2.494512
Stddev	.0038914	.009271	.0020801	.0034674	.0020440	.008050
%RSD	.4140590	.8758761	.2151803	.3560637	.2295301	.3227170

#1	.9397056	1.066645	.9683234	.9756864	.8894771	2.494424
#2	.9359765	1.048390	.9643547	.9759581	.8928834	2.502605
#3	.9437571	1.060331	.9674197	.9698211	.8892227	2.486505

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5020677	.5006351	.4947692	10.76623	.5259016	.4954005
Stddev	.0024011	.0009588	.0010010	.04064	.0023697	.0005422
%RSD	.4782455	.1915218	.2023240	.3774424	.4505887	.1094391

#1	.5047829	.5017380	.4957853	10.80430	.5253934	.4956817
#2	.5011959	.5001680	.4937840	10.77096	.5238272	.4947755
#3	.5002242	.4999994	.4947383	10.72344	.5284841	.4957442

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5134187	5.565726	.5309317	5.965795	.5045621	.4754734
Stddev	.0036112	.047484	.0026506	.008799	.0017811	.0000796
%RSD	.7033589	.8531548	.4992323	.1474962	.3529967	.0167462

#1	.5166964	5.558416	.5326835	5.973710	.5065782	.4754435
#2	.5140122	5.616441	.5322294	5.956320	.5032023	.4754130
#3	.5095476	5.522320	.5278824	5.967355	.5039058	.4755636

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.911790	.5155468	1.029122	9.455679	F .0155870	5.294990
Stddev	.166420	.0033695	.011742	.055524	.0003567	.017381
%RSD	1.679010	.6535745	1.140973	.5872037	2.288729	.3282462

#1	10.07203	.5151117	1.033858	9.426903	.0156524	5.302696
#2	9.92353	.5191126	1.037756	9.519684	.0159065	5.275089
#3	9.73981	.5124159	1.015751	9.420450	.0152021	5.307185

Sample Name: ICV Acquired: 3/13/2018 15:23:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.999030	-.013253	4.791697	4.834737	5.125072	.0050339
Stddev	.007322	.001941	.005196	.011299	.010480	.0014194
%RSD	.1464675	14.64524	.1084479	.2337114	.2044768	28.19584

#1	5.006990	-.015165	4.797225	4.846533	5.123678	.0066580
#2	4.992582	-.013310	4.786912	4.824011	5.136179	.0040311
#3	4.997518	-.011284	4.790956	4.833666	5.115360	.0044127

Elem	Sr4077
Units	ppm
Avg	.0120908
Stddev	.0000620
%RSD	.5127106

#1	.0120907
#2	.0120289
#3	.0121529

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1991.546	4140.153	46451.07	8747.009	4658.232
Stddev	7.805	1.671	100.72	13.207	5.624
%RSD	.3919119	.0403614	.2168374	.1509873	.1207267

#1	1990.694	4140.966	46463.03	8732.328	4653.130
#2	1984.202	4138.231	46344.90	8750.774	4664.262
#3	1999.742	4141.261	46545.27	8757.925	4657.305

Sample Name: ICB Acquired: 3/13/2018 15:27:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL 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	-.000257	-.000822	.0009210	-.001223	.0004810	.0017666	-.000470
Stddev	.000627	.001201	.0009456	.000628	.0008083	.0066380	.000631
%RSD	243.8576	146.0491	102.6713	51.38692	168.0328	375.7517	134.0993

#1	.000033	.000342	.0018435	-.001494	-.000451	-.005561	-.001018
#2	-.000977	-.000751	-.000046	-.000504	.000901	.007379	-.000613
#3	.000172	-.002058	.000966	-.001670	.000993	.003482	.000220

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000076	-.000037	.0034671	.0002061	.0000048	.0011220	-.001996
Stddev	.000056	.000010	.0031997	.0004808	.0001637	.0022068	.004803
%RSD	73.95028	25.76869	92.28849	233.2775	3384.148	196.6777	240.6175

#1	-.000012	-.000036	.0026673	.0007373	.0000947	.0033775	-.007415
#2	-.000098	-.000028	.0069908	-.000199	-.000184	-.001033	-.000311
#3	-.000119	-.000048	.0007431	.000080	.000104	.001021	.001737

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000261	-.002474	-.000232	-.000152	.2448707	.0000286	-.000497
Stddev	.000291	.026981	.000349	.000106	.1676029	.0012535	.003335
%RSD	111.2544	1090.478	150.2694	69.89396	68.44544	4379.863	670.8797

#1	-.000414	.001571	-.000470	-.000042	.0590955	-.000673	.001800
#2	.000074	-.031249	-.000396	-.000253	.3847305	.001476	-.004322
#3	-.000444	.022255	.000169	-.000160	.2907862	-.000717	.001031

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1192225	.0003010	.0052869	.0000494	-.024214	.0046173	.0007585
Stddev	.0358827	.0012874	.0011937	.0001673	.002440	.0004477	.0001554
%RSD	30.09726	427.6649	22.57818	338.8978	10.07488	9.696351	20.49110

#1	.0801419	-.001184	.0064767	.0000622	-.023670	.0044893	.0009249
#2	.1268422	.000988	.0052946	.0002099	-.022093	.0042476	.0006170
#3	.1506833	.001099	.0040894	-.000124	-.026880	.0051151	.0007335

Sample Name: ICB Acquired: 3/13/2018 15:27:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000676	.0003925	-.000013
Stddev	.000449	.0003069	.000008
%RSD	66.37307	78.18482	62.15582

#1	-.001157	.0002283	-.000010
#2	-.000269	.0002027	-.000007
#3	-.000602	.0007466	-.000022

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1951.823	4102.806	45509.53	8438.700	4765.875
Stddev	12.915	19.670	236.43	28.249	7.213
%RSD	.6616895	.4794233	.5195247	.3347525	.1513408

#1	1940.636	4080.825	45262.91	8407.300	4757.798
#2	1965.957	4108.846	45734.25	8446.750	4771.674
#3	1948.877	4118.748	45531.45	8462.050	4768.153

Sample Name: ICSA Acquired: 3/13/2018 15:31:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000427	-.003797	-.002881	-.002745	.0050041	240.5351
Stddev	.002036	.000641	.001143	.003001	.0005551	2.5906
%RSD	476.9134	16.88147	39.67238	109.3401	11.09381	1.077022

#1	-.001540	-.004512	-.003188	-.000854	.0044881	243.2643
#2	-.001665	-.003606	-.001615	-.001175	.0049327	240.2311
#3	.001923	-.003274	-.003838	-.006205	.0055915	238.1099

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055592	.0011008	-.001145	249.8507	.0508194	.0004898
Stddev	.0002962	.0000672	.000028	2.8681	.0004152	.0002344
%RSD	5.328804	6.106527	2.426378	1.147945	.8169985	47.85468

#1	.0053861	.0011633	-.001177	253.1624	.0512812	.0004544
#2	.0053903	.0010297	-.001133	248.1692	.0507002	.0007398
#3	.0059013	.0011094	-.001125	248.2204	.0504769	.0002751

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000573	101.7744	.0114090	251.2536	.0032328	-.006676
Stddev	.000883	1.3496	.0003331	3.5567	.0000756	.000197
%RSD	154.1036	1.326081	2.919745	1.415581	2.339984	2.951112

#1	-.000746	103.3182	.0117934	255.3379	.0031641	-.006773
#2	-.001357	100.8183	.0112290	248.8385	.0032205	-.006805
#3	.000384	101.1868	.0112047	249.5844	.0033139	-.006449

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7975861	.0023246	-.017605	-.299969	-.002537	F .0102013
Stddev	.0873585	.0049261	.004710	.085737	.000946	.0012529
%RSD	10.95286	211.9117	26.75329	28.58181	37.27317	12.28188

#1	.7724302	.0048262	-.022861	-.204361	-.001898	.0114378
#2	.8947624	.0054980	-.013766	-.370023	-.002090	.0089325
#3	.7255656	-.003350	-.016187	-.325525	-.003623	.0102337

Sample Name: ICSA Acquired: 3/13/2018 15:31:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015597	-.009614	.0000043	-.001435	-.001174	.0023160
Stddev	.0002166	.004345	.0011063	.001812	.000612	.0015081
%RSD	13.88413	45.18941	25876.66	126.3236	52.10531	65.11550

#1	.0017857	-.008511	.0007464	-.003525	-.001236	.0024315
#2	.0015395	-.005928	-.001267	-.000301	-.000534	.0037631
#3	.0013540	-.014404	.000534	-.000478	-.001752	.0007535

Elem	Sr4077
Units	ppm
Avg	.0995961
Stddev	.0013943
%RSD	1.399924

#1	.1011133
#2	.0993040
#3	.0983711

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1823.778	3861.758	43110.28	8393.993	3997.883
Stddev	7.113	44.073	211.24	103.511	35.023
%RSD	.3900070	1.141255	.4899972	1.233150	.8760466

#1	1826.867	3820.412	43226.95	8275.239	3963.468
#2	1815.643	3856.736	42866.44	8441.637	3996.697
#3	1828.824	3908.127	43237.45	8465.102	4033.484

Sample Name: ICSAB Acquired: 3/13/2018 15:35:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0988130	.1034292	.0452012	.0496458	.5673624	244.2715
Stddev	.0048620	.0022860	.0009548	.0021702	.0045090	1.1375
%RSD	4.920410	2.210164	2.112414	4.371259	.7947214	.4656764

#1	.1043787	.1020467	.0449063	.0519367	.5725677	245.0456
#2	.0953926	.1060678	.0444287	.0476209	.5648592	244.8035
#3	.0966678	.1021732	.0462688	.0493800	.5646605	242.9655

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5182459	.5135054	1.007336	254.1153	.5800552	.4974417
Stddev	.0008105	.0016810	.002590	.6711	.0019362	.0016868
%RSD	.1563937	.3273608	.2571154	.2641012	.3337943	.3391056

#1	.5184368	.5147202	1.010326	254.8761	.5794180	.4993662
#2	.5189440	.5142091	1.005849	253.8626	.5822296	.4962191
#3	.5173570	.5115869	1.005832	253.6072	.5785178	.4967400

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5033872	103.8494	.5339960	255.4560	1.004951	F .0578310
Stddev	.0013574	.3143	.0007873	.8067	.003457	.0009498
%RSD	.2696601	.3026920	.1474291	.3158078	.3440102	1.642343

#1	.5045241	104.1805	.5348868	256.3792	1.008894	.0587851
#2	.5018843	103.5550	.5333935	254.8871	1.002440	.0578223
#3	.5037532	103.8127	.5337078	255.1016	1.003519	.0568856

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6714691	.5279050	1.048541	-.653680	.0078578	.0092607
Stddev	.3366524	.0018767	.011299	.041874	.0019662	.0010906
%RSD	50.13670	.3554984	1.077582	6.405888	25.02200	11.77701

#1	.2827481	.5296554	1.061279	-.621118	.0084807	.0103994
#2	.8684530	.5281363	1.044614	-.639006	.0094371	.0082255
#3	.8632061	.5259234	1.039730	-.700916	.0056556	.0091573

Sample Name: ICSAB Acquired: 3/13/2018 15:35:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023051	-.004028	.0001782	-.002082	-.001809	.0027755
Stddev	.0000674	.003560	.0016326	.001116	.000295	.0003372
%RSD	2.925554	88.37122	916.1046	53.58761	16.32713	12.15000

#1	.0022437	-.004554	.0019448	-.001764	-.001529	.0025687
#2	.0023773	-.007296	-.001275	-.003323	-.002118	.0025931
#3	.0022943	-.000235	-.000135	-.001160	-.001779	.0031647

Elem	Sr4077
Units	ppm
Avg	.1011736
Stddev	.0004254
%RSD	.4204971

#1	.1015612
#2	.1012411
#3	.1007184

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1804.458	3749.470	42245.22	8291.579	3899.945
Stddev	10.299	11.613	261.67	35.502	10.008
%RSD	.5707786	.3097236	.6194103	.4281732	.2566265

#1	1794.605	3738.237	42058.93	8267.555	3888.465
#2	1803.614	3748.745	42132.35	8274.825	3904.538
#3	1815.153	3761.429	42544.39	8332.359	3906.833

Sample Name: CCV035 Acquired: 3/13/2018 15:39:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV035 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.967582	4.875197	24.71659	5.005159	4.935773	417.5174	10.07852
Stddev	.026309	.037701	.06838	.033207	.016736	.9014	.00860
%RSD	.5296065	.7733303	.2766600	.6634566	.3390711	.2158837	.0853154

#1	4.973502	4.885798	24.78267	5.026566	4.937616	417.5190	10.06859
#2	4.938818	4.833329	24.64612	4.966906	4.918191	418.4179	10.08341
#3	4.990426	4.906462	24.72099	5.022007	4.951510	416.6152	10.08355

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5049390	2.491367	407.1463	15.34221	2.490862	15.02827	420.2998
Stddev	.0031053	.007211	.4518	.04277	.005202	.03819	1.1549
%RSD	.6149796	.2894394	.1109751	.2787841	.2088465	.2540979	.2747918

#1	.5032226	2.497240	407.6677	15.39141	2.496055	15.06713	421.0389
#2	.5030708	2.483319	406.8714	15.31389	2.485651	14.99079	418.9689
#3	.5085236	2.493543	406.8997	15.32133	2.490880	15.02689	420.8916

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.78817	413.2670	2.509904	1.275107	415.1425	2.514801	14.75845
Stddev	.06077	.8402	.005638	.001506	1.8578	.010303	.11747
%RSD	.4109595	.2033032	.2246311	.1181267	.4475070	.4096959	.7959282

#1	14.82135	414.1414	2.515761	1.276219	414.0686	2.526673	14.77488
#2	14.71803	412.4658	2.504514	1.273392	417.2876	2.508191	14.86683
#3	14.82513	413.1938	2.509439	1.275709	414.0711	2.509540	14.63363

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	150.8254	5.022309	4.948709	4.947374	5.129883	4.904297	4.961956
Stddev	.3483	.042603	.020293	.035371	.050705	.033400	.027014
%RSD	.2309599	.8482701	.4100675	.7149456	.9884318	.6810411	.5444173

#1	151.2260	5.047525	4.938121	4.964588	5.146388	4.883984	4.974171
#2	150.6561	4.973121	4.935899	4.906691	5.072982	4.886062	4.930992
#3	150.5941	5.046281	4.972106	4.970843	5.170280	4.942845	4.980705

Sample Name: CCV035 Acquired: 3/13/2018 15:39:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCV035 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.991029	5.120631	5.102240
Stddev	.017517	.014075	.029883
%RSD	.3509605	.2748771	.5856862

#1	5.002649	5.107352	5.136085
#2	4.999558	5.135387	5.079496
#3	4.970882	5.119155	5.091138

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1565.508	3334.382	39160.24	7987.126	3404.022
Stddev	11.869	14.699	142.66	17.945	6.728
%RSD	.7581399	.4408287	.3642900	.2246698	.1976578

#1	1565.117	3328.263	39063.08	7994.055	3398.623
#2	1553.839	3351.152	39093.62	7966.750	3411.559
#3	1577.567	3323.731	39324.02	8000.573	3401.882

Sample Name: CCB035 Acquired: 3/13/2018 15:43:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB035 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007715	-.001383	.0000227	.0006692	-.000471	-.000050	-.000449
Stddev	.0005672	.001132	.0009428	.0009135	.000508	.001548	.000467
%RSD	73.51012	81.85663	4147.751	136.5010	107.7601	3095.736	104.0151

#1	.0010033	-.002503	.0009991	.0014550	-.000986	.000075	-.000278
#2	.0011861	-.000239	-.000882	.0008858	-.000458	.001432	-.000092
#3	.0001252	-.001408	-.000049	-.000333	.000030	-.001657	-.000978

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000021	-.000021	.0101921	.0001816	-.000076	-.001913	.0075506
Stddev	.000054	.000041	.0100792	.0004472	.000083	.001145	.0029696
%RSD	259.8617	199.8687	98.89259	246.2185	110.0296	59.83920	39.32906

#1	.000032	-.000020	.0206160	-.000223	.000004	-.003234	.0070369
#2	-.000075	.000020	.0094632	.000662	-.000162	-.001216	.0107435
#3	-.000018	-.000062	.0004971	.000106	-.000068	-.001289	.0048714

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000304	-.012540	-.000100	.0001662	.1684075	.0006060	-.000675
Stddev	.0001682	.018004	.000462	.0001631	.1898051	.0032622	.001541
%RSD	553.7101	143.5687	460.5160	98.09979	112.7058	538.2945	228.3059

#1	-.000141	.005450	.000185	.0001496	-.042685	.0041728	.000601
#2	.000195	-.030557	-.000633	.0003370	.325002	-.002226	-.000238
#3	.000037	-.012514	.000148	.0000121	.222905	-.000128	-.002387

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1278906	-.000558	.0019753	.0001933	-.023734	-.001593	.0003356
Stddev	.0893778	.000703	.0006621	.0001150	.001765	.000054	.0003269
%RSD	69.88616	126.0997	33.51845	59.46308	7.438051	3.400797	97.38007

#1	.0314004	.000153	.0012427	.0000635	-.024884	-.001531	.0000682
#2	.1444240	-.000573	.0021522	.0002344	-.021702	-.001631	.0002388
#3	.2078474	-.001253	.0025309	.0002821	-.024617	-.001617	.0007000

Sample Name: CCB035 Acquired: 3/13/2018 15:43:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB035 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006687	.0000444	.0000252
Stddev	.0007839	.0007859	.0000142
%RSD	117.2303	1768.686	56.20951

#1	-.000236	-.000068	.0000145
#2	.001088	.000881	.0000199
#3	.001153	-.000679	.0000413

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1966.420	4168.792	46288.07	8576.717	4854.741
Stddev	5.273	8.343	188.58	51.100	11.172
%RSD	.2681575	.2001248	.4074123	.5957936	.2301297

#1	1961.971	4159.630	46091.11	8635.175	4841.963
#2	1965.043	4170.795	46306.11	8554.425	4859.594
#3	1972.244	4175.950	46466.98	8540.550	4862.665

Sample Name: J1615-05DLX2 Acquired: 3/13/2018 16:01:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6R6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0693823	.0011618	6.874133	.0034560	.0037199	101.4712	19.21314
Stddev	.0019870	.0017748	.040040	.0016046	.0012396	.4883	.08560
%RSD	2.863787	152.7638	.5824724	46.43120	33.32253	.4811721	.4455223

#1	.0671155	-.000706	6.832645	.0016621	.0043558	101.2783	19.11729
#2	.0702083	.002825	6.877205	.0039512	.0022914	102.0264	19.24017
#3	.0708230	.001367	6.912547	.0047546	.0045124	101.1088	19.28196

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076558	.0001865	48.78837	.1112547	.0946155	.1647727	174.2028
Stddev	.0000657	.0000720	.25452	.0006677	.0007911	.0017475	.7888
%RSD	.8584473	38.61969	.5216722	.6001748	.8361440	1.060539	.4528078

#1	.0077278	.0001090	48.82672	.1118340	.0937093	.1650451	174.4836
#2	.0076407	.0002514	49.02153	.1105244	.0949684	.1663680	174.8129
#3	.0075990	.0001992	48.51685	.1114058	.0951686	.1629050	173.3121

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.124827	34.60153	.1326621	-.010366	1.088210	.3160617	1.262060
Stddev	.041127	.14945	.0010747	.000236	.046730	.0017977	.021253
%RSD	.6714765	.4319283	.8101359	2.278651	4.294172	.5687723	1.683978

#1	6.136315	34.64381	.1314660	-.010278	1.107389	.3149655	1.259234
#2	6.158987	34.72529	.1329736	-.010186	1.122298	.3150833	1.242361
#3	6.079177	34.43549	.1335467	-.010633	1.034942	.3181364	1.284584

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.671808	2.171405	.0241605	.0048437	4.045903	19.18094	.0043234
Stddev	.073749	.030658	.0013971	.0000491	.057733	.13513	.0012973
%RSD	.8504423	1.411912	5.782536	1.013382	1.426938	.7044844	30.00679

#1	8.611699	2.155262	.0247701	.0048725	4.004303	19.18777	.0055688
#2	8.754103	2.152191	.0225622	.0047871	4.021590	19.31253	.0029797
#3	8.649622	2.206761	.0251492	.0048716	4.111815	19.04254	.0044217

Sample Name: J1615-05DLX2 Acquired: 3/13/2018 16:01:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6R6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.175611	.0584837	.1709472
Stddev	.007544	.0003974	.0004251
%RSD	.6417413	.6794383	.2486950

#1	1.173985	.0586371	.1708233
#2	1.183836	.0587816	.1714205
#3	1.169013	.0580325	.1705978

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2112.508	4268.761	49647.87	9513.253	4263.519
Stddev	6.367	31.137	166.10	29.065	23.937
%RSD	.3013999	.7294221	.3345509	.3055215	.5614301

#1	2116.244	4280.728	49564.32	9510.065	4281.826
#2	2116.123	4233.416	49839.16	9485.914	4236.432
#3	2105.156	4292.140	49540.14	9543.781	4272.300

Sample Name: J1615-06DLX3 Acquired: 3/13/2018 16:05:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6R7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0675965	-.000913	3.790423	.0004670	.0081099	11.17277	15.84656
Stddev	.0021048	.001353	.017960	.0020661	.0007977	.06332	.13931
%RSD	3.113735	148.1518	.4738232	442.4181	9.835562	.5667328	.8791077

#1	.0690481	-.002433	3.792340	-.001130	.0074360	11.23777	16.00526
#2	.0651826	.000157	3.771582	.002801	.0079032	11.16926	15.78999
#3	.0685588	-.000463	3.807348	-.000270	.0089906	11.11128	15.74444

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047157	.0006131	38.15313	.1579773	.0409989	.1297197	196.7849
Stddev	.0001061	.0001842	.13379	.0019682	.0003436	.0015599	1.0795
%RSD	2.249734	30.04890	.3506565	1.245862	.8380671	1.202535	.5485492

#1	.0046326	.0006465	38.06575	.1597143	.0408767	.1285030	195.6525
#2	.0048352	.0004145	38.08649	.1583782	.0407330	.1291779	196.9001
#3	.0046792	.0007784	38.30715	.1558396	.0413868	.1314783	197.8022

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.052540	22.97059	.0590810	-.011248	1.207306	.2082933	4.707774
Stddev	.012061	.08886	.0007770	.000089	.150235	.0013181	.048840
%RSD	.3951227	.3868343	1.315209	.7936999	12.44380	.6328268	1.037435

#1	3.038627	22.87503	.0598522	-.011270	1.341169	.2090949	4.763124
#2	3.058951	23.05073	.0582982	-.011150	1.235932	.2090132	4.689461
#3	3.060041	22.98603	.0590925	-.011325	1.044818	.2067720	4.670737

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.169634	.5400085	.0158678	.0057834	3.469589	7.133264	.0011954
Stddev	.037179	.0063171	.0024293	.0001889	.044940	.056588	.0012275
%RSD	21.91722	1.169825	15.30981	3.265972	1.295242	.7932989	102.6827

#1	-.211531	.5437828	.0170137	.0055655	3.520473	7.069058	.0022937
#2	-.156795	.5435271	.0130775	.0059005	3.452960	7.154861	-.000130
#3	-.140576	.5327155	.0175123	.0058843	3.435335	7.175874	.001422

Sample Name: J1615-06DLX3 Acquired: 3/13/2018 16:05:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6R7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2222603	.0056462	.2083461
Stddev	.0007677	.0012977	.0004389
%RSD	.3453925	22.98332	.2106769

#1	.2214096	.0047518	.2087716
#2	.2229014	.0050523	.2083717
#3	.2224699	.0071346	.2078949

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1995.860	4075.732	46934.84	8894.987	4489.250
Stddev	12.758	52.958	366.53	37.903	51.524
%RSD	.6392172	1.299350	.7809310	.4261216	1.147714

#1	1981.210	4097.422	46574.00	8876.520	4504.660
#2	2001.845	4114.401	46923.71	8869.855	4531.310
#3	2004.526	4015.372	47306.80	8938.584	4431.779

Sample Name: J1609-02DLX2 Acquired: 3/13/2018 16:10:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6H3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0625916	.0006733	2.580865	.0036217	.0040842	61.26038	13.77490
Stddev	.0009154	.0011306	.002605	.0019854	.0003201	.16332	.08238
%RSD	1.462474	167.9315	.1009344	54.81941	7.836339	.2665967	.5980298

#1	.0619492	-.000480	2.582738	.0028589	.0044523	61.44832	13.75531
#2	.0621860	.001780	2.581967	.0021308	.0038719	61.15294	13.86530
#3	.0636398	.000719	2.577891	.0058753	.0039285	61.17988	13.70408

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062326	.0028732	28.24362	.0868796	.0964139	.1144499	127.7709
Stddev	.0002043	.0000519	.13098	.0010587	.0004099	.0029056	.5571
%RSD	3.277092	1.804903	.4637639	1.218580	.4251213	2.538754	.4360018

#1	.0060007	.0028830	28.36989	.0880935	.0968871	.1112932	127.9955
#2	.0063859	.0028171	28.25258	.0861473	.0961682	.1170126	128.1806
#3	.0063110	.0029195	28.10838	.0863980	.0961865	.1150441	127.1366

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.917155	13.94672	.0812773	-.007863	.8366440	.2372777	2.536954
Stddev	.016956	.05790	.0005494	.000188	.0606459	.0031349	.045217
%RSD	.2451234	.4151667	.6759189	2.391422	7.248704	1.321180	1.782335

#1	6.929386	14.00130	.0816789	-.007929	.9066680	.2349333	2.542727
#2	6.924279	13.95288	.0815017	-.007651	.8009946	.2360615	2.489128
#3	6.897800	13.88599	.0806512	-.008009	.8022696	.2408385	2.579007

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.315352	2.754811	.0215170	.0053965	4.811420	18.61688	.0047388
Stddev	.032686	.003831	.0012359	.0002456	.030757	.15708	.0006238
%RSD	.7574291	.1390828	5.743704	4.550632	.6392462	.8437769	13.16434

#1	4.298404	2.759133	.0219990	.0051742	4.844193	18.43968	.0052881
#2	4.294621	2.751832	.0224392	.0056601	4.783184	18.67192	.0040606
#3	4.353031	2.753468	.0201127	.0053552	4.806883	18.73904	.0048677

Sample Name: J1609-02DLX2 Acquired: 3/13/2018 16:10:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6H3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5663546	.0321979	.1036685
Stddev	.0015426	.0005846	.0003729
%RSD	.2723638	1.815653	.3596658

#1	.5680160	.0328270	.1040406
#2	.5660800	.0320953	.1036700
#3	.5649677	.0316714	.1032949

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2124.722	4353.161	49864.28	9568.858	4448.573
Stddev	25.550	45.546	342.74	7.249	39.229
%RSD	1.202511	1.046277	.6873433	.0757562	.8818232

#1	2124.543	4309.011	49689.84	9576.635	4410.789
#2	2150.361	4399.985	50259.15	9567.651	4489.102
#3	2099.261	4350.488	49643.85	9562.288	4445.828

Sample Name: J1609-04DLX2 Acquired: 3/13/2018 16:14:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6H5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0517301	-.002964	3.395958	-.002474	.0040304	49.86763	14.35707
Stddev	.0026788	.003206	.001683	.001471	.0012469	.14694	.10640
%RSD	5.178311	108.1687	.0495489	59.46123	30.93710	.2946698	.7410754

#1	.0529682	-.005120	3.397734	-.004168	.0053945	49.96589	14.43340
#2	.0486563	.000720	3.394388	-.001730	.0029494	49.93829	14.23553
#3	.0535659	-.004492	3.395753	-.001523	.0037473	49.69870	14.40227

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078862	.0085025	566.5388	.0877055	.1026916	.3137779	135.8547
Stddev	.0000643	.0000722	2.9982	.0004503	.0001268	.0035296	.6201
%RSD	.8151531	.8485442	.5292209	.5134401	.1234796	1.124881	.4564557

#1	.0078134	.0084496	565.9284	.0871941	.1026102	.3147978	135.3318
#2	.0079097	.0085847	569.7953	.0878796	.1026269	.3166853	136.5398
#3	.0079354	.0084733	563.8928	.0880428	.1028377	.3098506	135.6925

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.958485	311.5293	.0790654	-.008010	2.140086	.2333184	3.043476
Stddev	.033414	1.4888	.0002745	.000412	.114158	.0030998	.044886
%RSD	.8441139	.4779164	.3471584	5.141762	5.334270	1.328594	1.474826

#1	3.936809	310.7410	.0791094	-.008348	2.130411	.2365337	3.091158
#2	3.996966	313.2466	.0793152	-.008131	2.031073	.2330727	3.037231
#3	3.941681	310.6004	.0787716	-.007551	2.258773	.2303486	3.002040

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.050442	1.396118	.0222740	.0114918	5.883120	18.41704	.1420153
Stddev	.044971	.005949	.0029199	.0003717	.013924	.11933	.0018794
%RSD	1.474243	.4260905	13.10890	3.234710	.2366782	.6479548	1.323377

#1	3.014410	1.395862	.0210512	.0118761	5.894160	18.53192	.1434220
#2	3.100841	1.390301	.0256065	.0114651	5.867478	18.29370	.1398808
#3	3.036076	1.402190	.0201644	.0111341	5.887723	18.42549	.1427430

Sample Name: J1609-04DLX2 Acquired: 3/13/2018 16:14:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6H5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3134883	.0375279	.3876276
Stddev	.0022428	.0008017	.0003463
%RSD	.7154460	2.136350	.0893472

#1	.3149182	.0366044	.3876210
#2	.3146433	.0380454	.3879773
#3	.3109033	.0379340	.3872847

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1925.139	3984.004	46095.19	9237.348	3725.711
Stddev	15.081	10.467	204.41	6.921	13.269
%RSD	.7833907	.2627282	.4434597	.0749280	.3561431

#1	1908.036	3972.031	45880.70	9231.570	3710.704
#2	1936.532	3991.421	46117.12	9245.019	3730.541
#3	1930.848	3988.560	46287.75	9235.455	3735.888

Sample Name: J1609-05DLX2 Acquired: 3/13/2018 16:18:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6H6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0556290	-.000319	3.054987	.0013840	.0045405	57.31628	14.06739
Stddev	.0052945	.000063	.003561	.0011408	.0006574	.23511	.22281
%RSD	9.517554	19.60843	.1165786	82.42330	14.47771	.4102013	1.583846

#1	.0580967	-.000354	3.051653	.0007069	.0045274	57.55296	14.30864
#2	.0592392	-.000356	3.054568	.0007441	.0052043	57.31313	13.86936
#3	.0495511	-.000247	3.058739	.0027011	.0038898	57.08277	14.02416

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046870	.0144192	142.1651	.0826918	.0918730	.2498597	120.8421
Stddev	.0000474	.0001012	.5616	.0003509	.0003321	.0040811	.2213
%RSD	1.011343	.7021544	.3950592	.4243013	.3614844	1.633345	.1831320

#1	.0046349	.0145238	142.8135	.0825631	.0919181	.2533663	120.9170
#2	.0046985	.0144121	141.8292	.0824235	.0915206	.2508326	120.5930
#3	.0047275	.0143217	141.8526	.0830889	.0921803	.2453800	121.0162

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.562671	73.27195	.0809112	-.006576	1.071835	.2044962	2.680949
Stddev	.018376	.16555	.0008050	.000213	.132778	.0030092	.053913
%RSD	.3303409	.2259358	.9948584	3.232372	12.38796	1.471519	2.010967

#1	5.583817	73.27480	.0814179	-.006388	.957653	.2058183	2.619137
#2	5.550578	73.10500	.0813327	-.006533	1.217538	.2010523	2.705449
#3	5.553617	73.43605	.0799830	-.006807	1.040315	.2066181	2.718261

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.687995	3.070181	.0333117	.0063576	6.139919	17.59651	.0059728
Stddev	.115091	.009747	.0024205	.0002606	.027104	.09269	.0013540
%RSD	2.455007	.3174595	7.266080	4.099672	.4414392	.5267285	22.66961

#1	4.770062	3.069774	.0305300	.0065894	6.146426	17.70317	.0064944
#2	4.737486	3.060644	.0344682	.0060754	6.110153	17.55092	.0069884
#3	4.556438	3.080125	.0349371	.0064080	6.163177	17.53545	.0044356

Sample Name: J1609-05DLX2 Acquired: 3/13/2018 16:18:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6H6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7441667	.0400862	.2277051
Stddev	.0026602	.0015955	.0007397
%RSD	.3574800	3.980282	.3248302

#1	.7441764	.0394004	.2282686
#2	.7468220	.0419099	.2279792
#3	.7415015	.0389481	.2268675

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2021.545	4148.507	47881.95	9351.643	4247.955
Stddev	8.033	11.783	83.97	86.759	4.449
%RSD	.3973802	.2840403	.1753636	.9277412	.1047234

#1	2030.439	4147.458	47963.88	9261.798	4246.351
#2	2019.382	4160.779	47885.88	9434.945	4252.983
#3	2014.815	4137.283	47796.09	9358.187	4244.532

Sample Name: J1609-07DLX2 Acquired: 3/13/2018 16:22:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6H8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0333735	.0044444	.7473026	.0044701	.0022413	44.33321	12.76976
Stddev	.0025488	.0005652	.0025074	.0038209	.0004389	.10958	.14218
%RSD	7.637097	12.71669	.3355222	85.47684	19.58256	.2471661	1.113403

#1	.0324223	.0046974	.7447140	.0053806	.0020897	44.44061	12.75616
#2	.0362611	.0048388	.7474737	.0002762	.0018982	44.22158	12.63487
#3	.0314371	.0037969	.7497200	.0077535	.0027359	44.33743	12.91825

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041733	.0005292	13.04710	.0601996	.0808009	.0614462	77.73822
Stddev	.0000280	.0000373	.01912	.0003111	.0001093	.0026437	.23094
%RSD	.6712359	7.042431	.1465133	.5167875	.1352527	4.302475	.2970685

#1	.0041963	.0005340	13.06713	.0598862	.0807898	.0592938	77.84578
#2	.0041421	.0005638	13.02906	.0605083	.0809152	.0606478	77.47312
#3	.0041814	.0004897	13.04511	.0602043	.0806975	.0643971	77.89576

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.378952	9.831841	.0868842	-.004946	.7833853	.1259710	.3700474
Stddev	.034871	.055317	.0002385	.000137	.2032680	.0052907	.0030133
%RSD	.4161756	.5626343	.2744857	2.763983	25.94739	4.199910	.8143110

#1	8.382727	9.795747	.0866287	-.005029	.7454396	.1316151	.3732753
#2	8.342347	9.895527	.0871009	-.004789	.6017640	.1211243	.3673084
#3	8.411783	9.804249	.0869229	-.005021	1.002952	.1251735	.3695585

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.134068	1.603549	.0166349	.0030322	3.238122	15.00051	.0035173
Stddev	.051633	.004682	.0005893	.0002634	.007774	.05799	.0005247
%RSD	1.005692	.2919652	3.542332	8.685684	.2400733	.3865634	14.91750

#1	5.151887	1.608932	.0169260	.0027365	3.243933	15.02294	.0040711
#2	5.174431	1.601293	.0159567	.0031186	3.241141	14.93465	.0030275
#3	5.075885	1.600423	.0170220	.0032415	3.229291	15.04392	.0034534

Sample Name: J1609-07DLX2 Acquired: 3/13/2018 16:22:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6H8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8336469	.0265575	.1621963
Stddev	.0034595	.0005489	.0005182
%RSD	.4149873	2.066717	.3195045

#1	.8371477	.0270680	.1627946
#2	.8302302	.0266276	.1618856
#3	.8335627	.0259770	.1619089

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2134.029	4379.094	50032.00	9469.826	4581.033
Stddev	3.114	2.577	184.99	23.765	8.794
%RSD	.1459137	.0588558	.3697434	.2509553	.1919668

#1	2130.497	4378.763	49966.57	9487.263	4574.107
#2	2136.380	4376.698	49888.61	9479.458	4578.064
#3	2135.209	4381.820	50240.81	9442.757	4590.927

Sample Name: J1609-08DLX2 Acquired: 3/13/2018 16:26:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6H8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0338303	.0026662	.7472310	.0049871	.0014762	43.98741	12.62799
Stddev	.0021689	.0015508	.0008942	.0007514	.0013775	.04313	.15673
%RSD	6.411269	58.16632	.1196664	15.06723	93.31131	.0980407	1.241127

#1	.0351684	.0040590	.7468591	.0045512	.0028576	43.96261	12.55809
#2	.0349947	.0009951	.7465828	.0045553	.0014684	43.96241	12.51838
#3	.0313278	.0029444	.7482511	.0058548	.0001027	44.03720	12.80751

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041202	.0005410	12.92020	.0596799	.0805500	.0621380	77.15600
Stddev	.0001502	.0001321	.07610	.0007810	.0000673	.0016776	.49421
%RSD	3.646663	24.41642	.5890150	1.308642	.0835697	2.699785	.6405348

#1	.0041624	.0006808	12.85462	.0602916	.0805291	.0616860	76.91494
#2	.0039533	.0004183	12.90233	.0599478	.0806253	.0639953	76.82858
#3	.0042447	.0005239	13.00364	.0588002	.0804956	.0607327	77.72449

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.311158	9.782700	.0867053	-.004789	.7188955	.1244692	.3688473
Stddev	.040731	.105684	.0001759	.000266	.0910256	.0013035	.0041481
%RSD	.4900715	1.080310	.2029174	5.562205	12.66186	1.047208	1.124599

#1	8.296193	9.708876	.0865323	-.004862	.8032233	.1258596	.3647274
#2	8.280026	9.735461	.0866996	-.004494	.6223968	.1242732	.3730230
#3	8.357254	9.903764	.0868840	-.005011	.7310666	.1232749	.3687916

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.085215	1.600542	.0150637	.0029716	3.224807	14.96919	.0033820
Stddev	.086805	.020264	.0007669	.0001787	.033127	.17661	.0004485
%RSD	1.707018	1.266051	5.090876	6.012600	1.027242	1.179836	13.26181

#1	5.104872	1.620179	.0145330	.0031721	3.257567	15.03388	.0031577
#2	4.990266	1.579705	.0159430	.0028293	3.191326	14.76935	.0038984
#3	5.160505	1.601740	.0147151	.0029133	3.225528	15.10433	.0030899

Sample Name: J1609-08DLX2 Acquired: 3/13/2018 16:26:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6H8D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8268927	.0266574	.1606259
Stddev	.0027310	.0005448	.0003859
%RSD	.3302734	2.043856	.2402390

#1	.8255376	.0272783	.1603787
#2	.8251042	.0262589	.1604285
#3	.8300362	.0264351	.1610706

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2145.831	4408.178	50298.07	9564.422	4605.173
Stddev	4.710	2.038	53.35	58.881	6.376
%RSD	.2195005	.0462389	.1060580	.6156291	.1384569

#1	2142.350	4407.450	50280.64	9584.397	4610.360
#2	2151.191	4406.604	50255.61	9610.718	4598.055
#3	2143.952	4410.480	50357.95	9498.152	4607.105

Sample Name: J1609-09DLX2 Acquired: 3/13/2018 16:30:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6H8S Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0679247	.0540003	.7489894	.0516125	.0925771	45.36621	14.28538
Stddev	.0013504	.0009894	.0015188	.0015309	.0002860	.16410	.13257
%RSD	1.988149	1.832285	.2027850	2.966197	.3088900	.3617243	.9279799

#1	.0677193	.0539871	.7505142	.0511877	.0928447	45.48434	14.15204
#2	.0693661	.0549962	.7474766	.0533110	.0922758	45.43545	14.41716
#3	.0666888	.0530175	.7489772	.0503389	.0926107	45.17883	14.28694

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0505106	.0512113	12.90054	.2581987	.5719831	.2984616	77.88695
Stddev	.0005471	.0003405	.05392	.0012736	.0032131	.0026696	.45018
%RSD	1.083069	.6649539	.4179650	.4932768	.5617517	.8944397	.5779908

#1	.0505588	.0515964	12.88095	.2596688	.5756804	.2963858	77.77757
#2	.0510319	.0509499	12.96151	.2574995	.5704029	.3014730	78.38174
#3	.0499410	.0510877	12.85915	.2574280	.5698661	.2975260	77.50153

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.740487	9.692291	.5844639	.0394884	.6898565	.6171280	.8522724
Stddev	.063817	.068187	.0031386	.0001722	.0981203	.0042493	.0070200
%RSD	.7301351	.7035162	.5370075	.4360031	14.22329	.6885558	.8236862

#1	8.722238	9.634630	.5880039	.0395521	.6466214	.6162317	.8448958
#2	8.811440	9.767553	.5820215	.0392935	.8021694	.6217539	.8588711
#3	8.687781	9.674691	.5833664	.0396196	.6207788	.6133983	.8530502

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.100012	1.568193	.0155467	.0031975	3.160261	14.78026	.0028121
Stddev	.115973	.007866	.0022941	.0001169	.019105	.12593	.0010794
%RSD	2.273981	.5016024	14.75602	3.657136	.6045303	.8520251	38.38459

#1	5.052908	1.574970	.0132573	.0032850	3.181178	14.79362	.0016272
#2	5.232126	1.559567	.0155374	.0030647	3.143731	14.89898	.0037394
#3	5.015002	1.570042	.0178454	.0032428	3.155875	14.64818	.0030696

Sample Name: J1609-09DLX2 Acquired: 3/13/2018 16:30:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6H8S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8174953	.0275973	.1593614
Stddev	.0056345	.0005636	.0007432
%RSD	.6892445	2.042104	.4663776

#1	.8224185	.0272963	.1595640
#2	.8187174	.0272483	.1599824
#3	.8113500	.0282475	.1585379

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2130.269	4380.761	49890.07	9425.621	4600.009
Stddev	9.364	2.536	211.15	57.632	10.573
%RSD	.4395694	.0579004	.4232381	.6114445	.2298393

#1	2139.282	4381.680	50093.84	9445.015	4587.864
#2	2120.589	4377.893	49904.12	9360.793	4605.015
#3	2130.936	4382.710	49672.23	9471.054	4607.150

Sample Name: J1609-07LDLX10 Acquired: 3/13/2018 16:34:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6H8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074757	-.001143	.1442961	.0026068	.0002563	9.058246	2.613601
Stddev	.0012395	.000757	.0025204	.0005658	.0007774	.007714	.013017
%RSD	16.58038	66.25051	1.746716	21.70572	303.3255	.0851600	.4980394

#1	.0063309	-.001527	.1453930	.0030988	-.000293	9.066995	2.623783
#2	.0087920	-.000271	.1414131	.0027329	-.000083	9.052422	2.618085
#3	.0073041	-.001630	.1460822	.0019885	.001146	9.055322	2.598935

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008313	.0000624	2.688387	.0125765	.0152827	.0118440	16.07400
Stddev	.0000661	.0000286	.007673	.0000760	.0001351	.0020347	.02882
%RSD	7.955646	45.91864	.2854286	.6039655	.8837019	17.17947	.1792862

#1	.0009048	.0000767	2.690212	.0126125	.0154348	.0102711	16.09132
#2	.0008128	.0000294	2.694983	.0124892	.0151767	.0141419	16.08994
#3	.0007765	.0000810	2.679965	.0126277	.0152367	.0111189	16.04073

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.740367	2.031344	.0164127	-.001229	.1771346	.0237412	.0762545
Stddev	.011725	.015779	.0000289	.000029	.1452400	.0001364	.0036426
%RSD	.6737097	.7767670	.1760424	2.331568	81.99414	.5745025	4.776869

#1	1.741289	2.033242	.0163819	-.001204	.3104534	.0238923	.0769915
#2	1.751605	2.046088	.0164392	-.001260	.0223603	.0236270	.0722998
#3	1.728209	2.014702	.0164170	-.001223	.1985901	.0237044	.0794723

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9864954	.2997296	-.002682	.0005372	.5849077	3.137280	.0008692
Stddev	.0607173	.0019585	.000547	.0000884	.0064139	.027015	.0004993
%RSD	6.154851	.6534326	20.40093	16.44833	1.096574	.8611024	57.44001

#1	1.032789	.2979477	-.002954	.0004388	.5869826	3.167947	.0012899
#2	1.008947	.2994144	-.002052	.0005629	.5777131	3.116999	.0003175
#3	.917750	.3018266	-.003040	.0006099	.5900273	3.126895	.0010003

Sample Name: J1609-07LDLX10 Acquired: 3/13/2018 16:34:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6H8L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1696548	.0037567	.0330756
Stddev	.0010409	.0009463	.0002159
%RSD	.6135200	25.19104	.6527700

#1	.1708396	.0042149	.0331973
#2	.1692376	.0026684	.0332032
#3	.1688872	.0043867	.0328263

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2062.602	4259.684	48313.90	9072.348	4830.745
Stddev	5.780	71.159	11.48	53.969	70.839
%RSD	.2802494	1.670523	.0237708	.5948759	1.466416

#1	2057.971	4265.624	48324.17	9024.970	4840.002
#2	2069.080	4327.687	48301.50	9060.976	4896.500
#3	2060.754	4185.741	48316.02	9131.096	4755.733

Sample Name: J1609-10DLX2 Acquired: 3/13/2018 16:38:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6H9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1258051	.0003395	3.647686	.0050939	.0098784	53.85487
Stddev	.0004503	.0018468	.026826	.0012160	.0018786	.13478
%RSD	.3579017	544.0286	.7354289	23.87178	19.01736	.2502574

#1	.1262290	-.001780	3.648886	.0064071	.0078863	53.81610
#2	.1253324	.001603	3.673892	.0040069	.0116180	53.74373
#3	.1258540	.001195	3.620280	.0048676	.0101309	54.00478

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 21.76105	.0073868	.0052453	19.37666	.1333012	.1045799
Stddev	.15459	.0001763	.0001898	.09769	.0002315	.0013241
%RSD	.7103802	2.386662	3.618230	.5041886	.1736860	1.266105

#1	21.93024	.0072443	.0052863	19.30257	.1332554	.1046102
#2	21.72574	.0073322	.0054112	19.34004	.1335522	.1058886
#3	21.62717	.0075839	.0050383	19.48738	.1330959	.1032410

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3121519	301.7458	5.180459	11.93377	.1255334	-.017899
Stddev	.0014453	.4714	.005569	.03164	.0010085	.000416
%RSD	.4630097	.1562366	.1075084	.2651610	.8033867	2.325583

#1	.3105232	301.2712	5.177504	11.92863	.1257569	-.017883
#2	.3126509	301.7524	5.186883	11.96767	.1264115	-.018323
#3	.3132815	302.2140	5.176989	11.90501	.1244319	-.017491

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.037888	.2861583	4.355861	5.557608	4.215603	.0331794
Stddev	.154369	.0026001	.072826	.071602	.005716	.0040035
%RSD	7.574929	.9086395	1.671916	1.288361	.1355845	12.06635

#1	2.165939	.2833602	4.327437	5.576991	4.218483	.0331810
#2	1.866476	.2885002	4.438612	5.478310	4.219307	.0371821
#3	2.081250	.2866144	4.301532	5.617524	4.209021	.0291750

Sample Name: J1609-10DLX2 Acquired: 3/13/2018 16:38:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6H9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106637	6.826904	15.91616	.0040882	.8292033	.0331001
Stddev	.0001199	.017672	.10293	.0004507	.0040497	.0004100
%RSD	1.124338	.2588515	.6467110	11.02440	.4883864	1.238631

#1	.0107809	6.834578	15.80814	.0036537	.8293606	.0326334
#2	.0106689	6.839441	15.92723	.0045535	.8250773	.0334021
#3	.0105413	6.806692	16.01311	.0040573	.8331721	.0332648

Elem	Sr4077
Units	ppm
Avg	.2045871
Stddev	.0001799
%RSD	.0879257

#1	.2046369
#2	.2043876
#3	.2047369

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2058.048	4241.052	48797.30	9348.632	4465.785
Stddev	24.538	67.232	223.98	50.597	62.913
%RSD	1.192301	1.585278	.4590008	.5412201	1.408788

#1	2075.785	4192.538	48820.07	9361.490	4425.190
#2	2030.044	4212.821	48562.81	9391.558	4433.909
#3	2068.315	4317.797	49009.03	9292.846	4538.256

Sample Name: J1609-12DLX2 Acquired: 3/13/2018 16:43:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6J1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0690312	-.000855	2.945847	.0052637	.0051827	63.44214	14.36104
Stddev	.0011581	.000832	.027189	.0018532	.0004466	.19793	.15686
%RSD	1.677658	97.28225	.9229520	35.20728	8.616526	.3119865	1.092237

#1	.0685612	-.001254	2.929940	.0047613	.0053480	63.28404	14.34852
#2	.0703504	-.001413	2.977241	.0073164	.0055230	63.37824	14.21082
#3	.0681820	.000101	2.930359	.0037135	.0046770	63.66412	14.52378

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062469	.0129916	95.19357	.1137803	.0959721	.3618790	149.0147
Stddev	.0001155	.0001588	.61686	.0011795	.0008463	.0026548	1.1608
%RSD	1.849266	1.222325	.6480058	1.036601	.8818607	.7336064	.7789974

#1	.0063749	.0129003	94.77325	.1141015	.0952432	.3595564	148.0986
#2	.0061504	.0131750	94.90573	.1147659	.0969003	.3613077	148.6255
#3	.0062155	.0128996	95.90174	.1124735	.0957728	.3647729	150.3202

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.599553	38.86435	.1062851	-.008137	1.114235	.2429574	3.187483
Stddev	.058984	.29235	.0009492	.000120	.081376	.0039975	.009989
%RSD	.8937509	.7522328	.8930313	1.479439	7.303268	1.645337	.3133947

#1	6.546577	38.69428	.1057489	-.008275	1.023221	.2430259	3.191849
#2	6.588970	38.69685	.1073810	-.008076	1.139509	.2389262	3.176053
#3	6.663111	39.20193	.1057253	-.008058	1.179974	.2469202	3.194546

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.302864	5.272559	.0408126	.0067621	6.914290	17.61706	.0149522
Stddev	.067931	.086719	.0041906	.0001276	.089780	.03428	.0010983
%RSD	.8181644	1.644727	10.26799	1.886599	1.298467	.1945823	7.345178

#1	8.333277	5.217949	.0367062	.0066597	6.842277	17.65628	.0139929
#2	8.225040	5.372552	.0406491	.0069050	7.014880	17.60212	.0147134
#3	8.350275	5.227175	.0450827	.0067216	6.885714	17.59279	.0161502

Sample Name: J1609-12DLX2 Acquired: 3/13/2018 16:43:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6J1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6442322	.0320590	.1735372
Stddev	.0019510	.0004790	.0008188
%RSD	.3028403	1.494236	.4718486

#1	.6450987	.0315252	.1734014
#2	.6419980	.0324514	.1727948
#3	.6455998	.0322006	.1744155

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2060.014	4208.579	49094.14	9412.284	4279.647
Stddev	14.827	23.819	314.68	51.250	33.833
%RSD	.7197699	.5659679	.6409760	.5445045	.7905667

#1	2043.193	4224.008	48749.49	9370.426	4298.245
#2	2071.186	4181.146	49366.16	9469.442	4240.594
#3	2065.665	4220.584	49166.76	9396.984	4300.101

Sample Name: J1609-17DLX2 Acquired: 3/13/2018 16:47:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6J6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0304259	-.001702	.8742180	.0016940	.0030496	41.49273	14.48295
Stddev	.0023848	.000900	.0010724	.0007259	.0011463	.20667	.16619
%RSD	7.838005	52.88667	.1226695	42.84985	37.58807	.4980938	1.147458

#1	.0312231	-.000761	.8747949	.0008838	.0040367	41.63906	14.50994
#2	.0277447	-.001790	.8729806	.0022851	.0033196	41.58282	14.63398
#3	.0323100	-.002554	.8748784	.0019129	.0017924	41.25630	14.30492

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032603	.0079062	36.69297	.0729633	.0414089	.3333324	87.71484
Stddev	.0000253	.0000446	.10870	.0006200	.0002711	.0028629	.35760
%RSD	.7747852	.5646798	.2962458	.8497551	.6546168	.8588660	.4076900

#1	.0032863	.0079512	36.80428	.0724218	.0412767	.3343285	87.96213
#2	.0032359	.0079055	36.68756	.0736396	.0417207	.3355642	87.30481
#3	.0032587	.0078619	36.58708	.0728286	.0412293	.3301046	87.87758

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.262940	12.10120	.0478503	-.004825	.7375677	.1272482	1.753839
Stddev	.010509	.04609	.0002447	.000151	.1094364	.0016487	.001916
%RSD	.3220762	.3808390	.5112754	3.129949	14.83748	1.295631	.1092331

#1	3.269621	12.14873	.0481223	-.004662	.8320266	.1253497	1.754153
#2	3.268373	12.05670	.0476482	-.004853	.6176440	.1280748	1.755579
#3	3.250827	12.09817	.0477803	-.004960	.7630327	.1283200	1.751786

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.499856	1.928667	.0206831	.0042363	4.565875	15.82034	.0273021
Stddev	.069877	.016962	.0042537	.0002145	.028578	.05907	.0008481
%RSD	1.996565	.8794764	20.56615	5.062861	.6259092	.3733887	3.106441

#1	3.433321	1.909129	.0237347	.0044743	4.532896	15.77979	.0282431
#2	3.572653	1.939625	.0158242	.0041764	4.583364	15.88811	.0270663
#3	3.493594	1.937248	.0224905	.0040581	4.581366	15.79310	.0265968

Sample Name: J1609-17DLX2 Acquired: 3/13/2018 16:47:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6J6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6087322	.0246773	.2108537
Stddev	.0036361	.0007406	.0008098
%RSD	.5973221	3.001238	.3840484

#1	.6128866	.0254737	.2114840
#2	.6061287	.0240093	.2111366
#3	.6071815	.0245490	.2099404

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2036.014	4200.246	48016.20	9191.033	4528.814
Stddev	7.859	6.947	71.99	32.935	4.283
%RSD	.3860169	.1653956	.1499264	.3583432	.0945776

#1	2027.342	4196.513	47935.20	9201.232	4524.462
#2	2042.666	4208.261	48040.51	9154.205	4528.954
#3	2038.034	4195.963	48072.88	9217.663	4533.026

Sample Name: J1609-18DLX2 Acquired: 3/13/2018 16:51:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6J7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0650832	-.000429	1.729684	.0048040	.0038735	113.6817	13.32553
Stddev	.0006244	.000778	.007080	.0008327	.0009183	.9586	.07815
%RSD	.9594342	181.2778	.4092967	17.33388	23.70569	.8432613	.5864646

#1	.0658028	-.001031	1.733752	.0038821	.0049083	114.6562	13.31445
#2	.0647623	.000450	1.733791	.0050285	.0035564	113.6492	13.40863
#3	.0646845	-.000706	1.721510	.0055015	.0031559	112.7397	13.25352

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085606	.0018834	31.41324	.1298874	.0877971	.1302775	169.2866
Stddev	.0002053	.0001193	.15603	.0003082	.0003660	.0014001	.9371
%RSD	2.397960	6.331536	.4967050	.2372812	.4168654	1.074726	.5535831

#1	.0086190	.0017743	31.55887	.1299849	.0874759	.1290980	170.0441
#2	.0087304	.0018653	31.43228	.1301351	.0881956	.1318248	169.5771
#3	.0083325	.0020107	31.24856	.1295423	.0877199	.1299097	168.2386

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.589744	23.57437	.1222938	-.009589	1.130196	.2905679	1.213229
Stddev	.032121	.14586	.0003333	.000178	.217246	.0012764	.011004
%RSD	.6998453	.6187148	.2725620	1.857440	19.22198	.4392815	.9070343

#1	4.612968	23.65913	.1224825	-.009530	1.162871	.2917528	1.224616
#2	4.603178	23.65802	.1224899	-.009789	1.329253	.2892163	1.212417
#3	4.553087	23.40594	.1219089	-.009448	.898463	.2907345	1.202652

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.595631	2.602878	.0338077	.0048200	4.125068	26.82789	.0054886
Stddev	.106563	.029387	.0002650	.0001760	.024451	.20226	.0012506
%RSD	1.239737	1.129033	.7839204	3.652088	.5927365	.7539095	22.78549

#1	8.679775	2.569261	.0341137	.0049547	4.100391	26.91847	.0066098
#2	8.631313	2.615681	.0336531	.0048845	4.125527	26.96903	.0041398
#3	8.475806	2.623691	.0336563	.0046209	4.149286	26.59618	.0057161

Sample Name: J1609-18DLX2 Acquired: 3/13/2018 16:51:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6J7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8976486	.0582788	.1353620
Stddev	.0129933	.0000779	.0012683
%RSD	1.447484	.1337570	.9369629

#1	.9116218	.0582206	.1361247
#2	.8953936	.0582484	.1360635
#3	.8859303	.0583673	.1338979

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2170.119	4506.539	51391.45	9955.054	4469.182
Stddev	27.600	40.899	377.09	80.026	42.676
%RSD	1.271829	.9075577	.7337582	.8038689	.9549031

#1	2140.416	4491.178	50956.35	9890.715	4457.445
#2	2174.967	4475.543	51623.74	9929.781	4433.603
#3	2194.974	4552.894	51594.24	10044.66	4516.499

Sample Name: J1609-19DLX2 Acquired: 3/13/2018 16:55:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6J8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0672993	.0028826	2.175177	.0035480	.0055875	88.88242	17.15395
Stddev	.0021910	.0021541	.025702	.0016633	.0012720	.69278	.18099
%RSD	3.255580	74.72763	1.181602	46.87828	22.76491	.7794389	1.055116

#1	.0697068	.0032027	2.162292	.0044830	.0066383	89.65726	17.34730
#2	.0654222	.0005863	2.158467	.0016277	.0041734	88.66723	17.12598
#3	.0667688	.0048586	2.204773	.0045335	.0059507	88.32276	16.98857

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062958	.0033934	37.30209	.1289228	.1131174	.1316896	154.6815
Stddev	.0001307	.0001839	.27377	.0008989	.0014043	.0005048	1.1854
%RSD	2.076251	5.418635	.7339151	.6972557	1.241424	.3833139	.7663782

#1	.0064450	.0031934	37.61681	.1298860	.1124399	.1321121	155.8643
#2	.0062017	.0034320	37.17044	.1287764	.1121804	.1318260	154.6867
#3	.0062406	.0035550	37.11903	.1281061	.1147320	.1311306	153.4934

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.233078	20.32007	.0972603	-.008747	1.227059	.2624975	1.628287
Stddev	.063514	.16317	.0006673	.000291	.136400	.0024245	.011311
%RSD	.8781112	.8029807	.6861122	3.330501	11.11601	.9236164	.6946600

#1	7.303486	20.44016	.0969099	-.009070	1.212716	.2652920	1.619077
#2	7.215655	20.38575	.0968412	-.008669	1.098397	.2609547	1.640912
#3	7.180093	20.13430	.0980298	-.008503	1.370064	.2612458	1.624872

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.38397	3.481070	.0394078	.0061264	6.129740	35.35762	.0176130
Stddev	.15834	.029654	.0026618	.0001704	.047658	.87684	.0008852
%RSD	1.390931	.8518748	6.754379	2.780922	.7774818	2.479913	5.025668

#1	11.55716	3.464383	.0364394	.0059715	6.099931	36.16138	.0183146
#2	11.34815	3.463519	.0415823	.0063089	6.104585	35.48897	.0166185
#3	11.24661	3.515308	.0402016	.0060987	6.184705	34.42252	.0179059

Sample Name: J1609-19DLX2 Acquired: 3/13/2018 16:55:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6J8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.209456	.0497162	.2033512
Stddev	.020186	.0003254	.0010025
%RSD	1.669017	.6544908	.4929971

#1	1.194833	.0496656	.2043843
#2	1.232487	.0500639	.2032869
#3	1.201048	.0494191	.2023824

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2072.061	4279.547	48846.44	9311.210	4402.932
Stddev	4.686	34.987	181.29	76.377	37.035
%RSD	.2261413	.8175487	.3711395	.8202730	.8411541

#1	2067.429	4293.215	48713.17	9226.220	4425.611
#2	2071.955	4305.636	48773.27	9333.308	4422.990
#3	2076.798	4239.788	49052.88	9374.102	4360.194

Sample Name: J1614-01DLX2 Acquired: 3/13/2018 16:59:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6P5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0297919	-.000867	1.254769	.0014366	.0078668	36.79523	15.04215
Stddev	.0028958	.001579	.003081	.0016409	.0020170	.16105	.14768
%RSD	9.720066	182.0850	.2455068	114.2204	25.63895	.4376980	.9817964

#1	.0294483	.000956	1.252914	.0022259	.0093871	36.96561	15.11466
#2	.0270832	-.001783	1.253068	.0025336	.0055787	36.77459	14.87223
#3	.0328442	-.001773	1.258325	-.000450	.0086346	36.64549	15.13957

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029159	.0165986	18.51785	.0723193	.0453037	2.767832	99.24547
Stddev	.0000771	.0001321	.04274	.0004358	.0002908	.013722	.32450
%RSD	2.644246	.7960418	.2308254	.6026029	.6417936	.4957804	.3269699

#1	.0030030	.0166673	18.47104	.0718217	.0450547	2.780789	98.94182
#2	.0028562	.0166823	18.55480	.0726333	.0452332	2.753455	99.20716
#3	.0028886	.0164463	18.52771	.0725029	.0456232	2.769253	99.58742

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.831151	6.574043	.0977562	-.005468	.8382046	.1196941	2.894788
Stddev	.006606	.019093	.0001466	.000110	.0620371	.0012274	.027474
%RSD	.2333382	.2904328	.1499666	2.002479	7.401182	1.025455	.9490978

#1	2.825326	6.556663	.0976454	-.005526	.7987611	.1185813	2.873229
#2	2.829798	6.570986	.0977007	-.005537	.8061406	.1194904	2.925723
#3	2.838329	6.594481	.0979224	-.005342	.9097120	.1210106	2.885412

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.134586	2.143674	.0378969	.0058739	4.613617	15.31025	.0176652
Stddev	.026392	.012540	.0018130	.0002195	.011870	.20644	.0012367
%RSD	.8419516	.5849840	4.784082	3.736275	.2572925	1.348361	7.000705

#1	3.126374	2.133492	.0363969	.0056923	4.599971	15.39648	.0182827
#2	3.113276	2.139848	.0399116	.0058116	4.619331	15.07468	.0162413
#3	3.164107	2.157681	.0373821	.0061177	4.621551	15.45959	.0184715

Sample Name: J1614-01DLX2 Acquired: 3/13/2018 16:59:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6P5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5014317	.0222958	.1915661
Stddev	.0031884	.0003086	.0004885
%RSD	.6358597	1.384357	.2550073

#1	.5050643	.0221834	.1921298
#2	.5001345	.0220592	.1912677
#3	.4990964	.0226450	.1913008

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2026.917	4241.022	48099.53	9258.486	4614.000
Stddev	9.821	9.153	230.21	47.352	2.377
%RSD	.4845410	.2158148	.4786018	.5114397	.0515235

#1	2037.653	4233.939	48352.15	9235.441	4614.610
#2	2024.711	4251.357	47901.59	9312.949	4616.013
#3	2018.386	4237.771	48044.85	9227.068	4611.377

Sample Name: J1614-02DLX2 Acquired: 3/13/2018 17:03:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6P6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0612111	.0012318	3.250132	.0030486	.0072356	59.88847	14.48565
Stddev	.0013075	.0010368	.008287	.0015382	.0009817	.15107	.12641
%RSD	2.136115	84.16571	.2549873	50.45748	13.56729	.2522519	.8726881

#1	.0597065	.0000721	3.256965	.0045841	.0070797	59.83891	14.34777
#2	.0620713	.0015545	3.240913	.0030539	.0082858	59.76841	14.51310
#3	.0618556	.0020689	3.252517	.0015077	.0063411	60.05809	14.59609

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063424	.0050617	38.87736	.1011904	.0911224	.4537321	172.4812
Stddev	.0001108	.0001339	.19646	.0035917	.0003238	.0025871	1.0926
%RSD	1.746467	2.644937	.5053331	3.549478	.3554034	.5701737	.6334316

#1	.0062178	.0052014	38.78887	.1049759	.0908195	.4508112	171.3412
#2	.0064297	.0050493	38.74071	.1007651	.0910838	.4557349	172.5832
#3	.0063795	.0049345	39.10251	.0978303	.0914638	.4546502	173.5191

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.167433	17.69277	.1064074	-.009926	1.201175	.2355660	2.106613
Stddev	.039486	.13826	.0001466	.000605	.099326	.0030359	.078017
%RSD	.5509020	.7814222	.1377620	6.097290	8.269055	1.288776	3.703445

#1	7.123807	17.54270	.1062833	-.010495	1.102932	.2384091	2.196500
#2	7.177770	17.72063	.1065691	-.009992	1.301549	.2359204	2.056476
#3	7.200722	17.81497	.1063697	-.009290	1.199044	.2323684	2.066863

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.541474	3.178929	.0313135	.0068727	4.403310	16.22797	.0084453
Stddev	.062637	.014252	.0033922	.0003074	.014290	.04837	.0008980
%RSD	.9575363	.4483139	10.83312	4.472259	.3245188	.2980485	10.63282

#1	6.505160	3.194140	.0283624	.0072198	4.412441	16.25628	.0090676
#2	6.505462	3.176761	.0305584	.0067632	4.410647	16.25551	.0088524
#3	6.613801	3.165885	.0350196	.0066350	4.386843	16.17212	.0074159

Sample Name: J1614-02DLX2 Acquired: 3/13/2018 17:03:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6P6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8345243	.0305195	.1457962
Stddev	.0030427	.0007548	.0007664
%RSD	.3646051	2.473178	.5256402

#1	.8377197	.0309156	.1453708
#2	.8316617	.0296491	.1453370
#3	.8341915	.0309938	.1466809

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2156.793	4409.299	50780.27	9761.033	4514.675
Stddev	60.445	11.300	1375.87	63.920	15.199
%RSD	2.802527	.2562697	2.709464	.6548475	.3366664

#1	2089.194	4410.139	49261.92	9832.493	4512.355
#2	2175.548	4420.156	51134.48	9741.303	4530.901
#3	2205.637	4397.603	51944.40	9709.305	4500.769

Sample Name: J1614-03DLX2 Acquired: 3/13/2018 17:07:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6P7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1774447	-.001815	12.23054	.0017517	.0076811	81.10533	14.16185
Stddev	.0025591	.001004	.11405	.0008494	.0008535	.40825	.09788
%RSD	1.442184	55.35237	.9324891	48.49322	11.11157	.5033536	.6911613

#1	.1801666	-.002974	12.35776	.0008429	.0082304	81.50492	14.26138
#2	.1750876	-.001239	12.13746	.0018863	.0081150	80.68895	14.06570
#3	.1770798	-.001230	12.19639	.0025257	.0066978	81.12212	14.15848

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084662	.0030568	69.71593	.1074533	.1094301	.2818532	251.4941
Stddev	.0000639	.0001400	.30604	.0001818	.0011807	.0035818	1.4618
%RSD	.7546435	4.579886	.4389805	.1692138	1.078913	1.270799	.5812366

#1	.0084632	.0031879	69.85544	.1074586	.1107438	.2844160	251.1402
#2	.0085315	.0029093	69.92735	.1076324	.1084576	.2833830	253.1004
#3	.0084038	.0030732	69.36499	.1072689	.1090888	.2777605	250.2418

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.264565	37.58523	.1293215	-.015732	1.560463	.3249678	4.214642
Stddev	.036798	.20874	.0015121	.000384	.072645	.0016134	.092921
%RSD	.5874022	.5553681	1.169275	2.437860	4.655329	.4964863	2.204711

#1	6.270905	37.54390	.1310457	-.016165	1.509335	.3268081	4.318374
#2	6.297782	37.81154	.1282212	-.015435	1.643618	.3237965	4.139026
#3	6.225009	37.40025	.1286975	-.015596	1.528437	.3242988	4.186527

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.592372	2.983397	.0296886	.0142213	5.777184	17.75161	.0020973
Stddev	.050387	.030592	.0030051	.0004335	.033833	.02743	.0011563
%RSD	.7643172	1.025410	10.12211	3.047953	.5856276	.1545430	55.13193

#1	6.636292	3.007275	.0316905	.0147215	5.801408	17.72383	.0027582
#2	6.537365	2.994002	.0311422	.0139550	5.791616	17.75230	.0027716
#3	6.603459	2.948913	.0262330	.0139875	5.738529	17.77869	.0007622

Sample Name: J1614-03DLX2 Acquired: 3/13/2018 17:07:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6P7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7626258	.0408574	.1314293
Stddev	.0065008	.0004211	.0002002
%RSD	.8524257	1.030524	.1522939

#1	.7698526	.0410510	.1314834
#2	.7572544	.0411469	.1312076
#3	.7607703	.0403744	.1315968

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2125.599	4333.719	50240.31	9926.259	4351.314
Stddev	25.268	18.748	403.73	36.935	22.526
%RSD	1.188738	.4325973	.8035970	.3720913	.5176825

#1	2102.926	4325.438	49822.71	9910.397	4325.765
#2	2152.839	4320.538	50628.56	9968.475	4359.863
#3	2121.030	4355.181	50269.66	9899.905	4368.314

Sample Name: J1614-05DLX2 Acquired: 3/13/2018 17:11:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6P9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1281420	-.005882	2.631272	.0066005	.0091590	99.76663	16.70552
Stddev	.0009013	.001225	.008263	.0033945	.0016584	.38149	.01705
%RSD	.7033536	20.82544	.3140468	51.42871	18.10658	.3823803	.1020798

#1	.1289635	-.006390	2.640688	.0062412	.0086369	100.0882	16.68604
#2	.1282845	-.006772	2.625226	.0033998	.0078245	99.8665	16.71775
#3	.1271779	-.004485	2.627903	.0101603	.0110156	99.3451	16.71276

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0116234	.0059291	49.45868	.0949231	.1189024	1.390009	424.2052
Stddev	.0001742	.0000798	.19265	.0003348	.0003292	.006658	1.1621
%RSD	1.498579	1.345041	.3895190	.3526679	.2768645	.4790246	.2739457

#1	.0114397	.0059895	49.47268	.0947707	.1189352	1.392488	423.7314
#2	.0116443	.0059591	49.25941	.0953070	.1192140	1.395072	423.3550
#3	.0117862	.0058387	49.64395	.0946917	.1185581	1.382467	425.5294

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.959202	27.16740	.1874262	-.026598	2.623750	.3896346	6.266888
Stddev	.007098	.05322	.0004244	.000654	.165021	.0039223	.016751
%RSD	.1792893	.1958881	.2264419	2.459382	6.289512	1.006647	.2672994

#1	3.953635	27.13357	.1875884	-.026186	2.754877	.3874803	6.250862
#2	3.956776	27.13989	.1877455	-.027352	2.677919	.3941618	6.284281
#3	3.967196	27.22874	.1869445	-.026255	2.438452	.3872616	6.265522

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.345401	3.605586	.0481041	.0084354	5.207309	17.45287	.0032763
Stddev	.047787	.017736	.0124676	.0006869	.018497	.19417	.0010949
%RSD	.8939758	.4918908	25.91790	8.142503	.3552147	1.112560	33.41765

#1	5.374113	3.625004	.0551495	.0089761	5.226273	17.28059	.0020145
#2	5.371851	3.601513	.0337089	.0076626	5.189318	17.66328	.0038390
#3	5.290237	3.590241	.0554540	.0086674	5.206337	17.41475	.0039753

Sample Name: J1614-05DLX2 Acquired: 3/13/2018 17:11:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6P9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9085837	.0450927	.1631356
Stddev	.0026064	.0006340	.0003667
%RSD	.2868655	1.405939	.2247941

#1	.9095963	.0452417	.1635286
#2	.9105318	.0456389	.1628026
#3	.9056229	.0443975	.1630757

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2062.482	4233.714	49119.76	9676.296	4172.599
Stddev	5.303	22.640	184.27	25.457	19.985
%RSD	.2571411	.5347596	.3751520	.2630903	.4789528

#1	2060.855	4259.849	48954.18	9653.902	4195.343
#2	2058.183	4221.177	49086.81	9671.003	4157.851
#3	2068.409	4220.116	49318.28	9703.984	4164.601

Sample Name: J1614-06DLX2 Acquired: 3/13/2018 17:15:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6Q0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0578999	.0018750	6.456934	.0059873	.0057080	72.11166	18.12420
Stddev	.0029360	.0012173	.045608	.0012385	.0007009	.17280	.07570
%RSD	5.070806	64.92161	.7063381	20.68483	12.27829	.2396331	.4176944

#1	.0588897	.0031873	6.505440	.0068640	.0063745	71.93331	18.13144
#2	.0545969	.0007827	6.450441	.0045705	.0057723	72.12334	18.04514
#3	.0602130	.0016551	6.414921	.0065275	.0049772	72.27832	18.19603

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058173	-.000420	28.26679	.1115093	.0882322	.1172501	149.4382
Stddev	.0000948	.000107	.10607	.0013695	.0007166	.0032119	.8522
%RSD	1.629029	25.39728	.3752437	1.228121	.8121476	2.739352	.5702706

#1	.0057736	-.000307	28.14535	.1125953	.0890231	.1137038	148.4629
#2	.0059260	-.000433	28.31372	.1119616	.0880475	.1180833	150.0393
#3	.0057522	-.000519	28.34130	.1099708	.0876261	.1199634	149.8124

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.779141	14.67057	.0856218	-.008506	1.188062	.2340713	1.133322
Stddev	.035827	.06589	.0007656	.000111	.104301	.0054648	.012815
%RSD	.5284957	.4491519	.8941226	1.299102	8.779064	2.334656	1.130731

#1	6.741029	14.59472	.0863365	-.008539	1.243871	.2290591	1.118651
#2	6.812134	14.70327	.0857151	-.008383	1.252583	.2398974	1.142327
#3	6.784259	14.71372	.0848139	-.008597	1.067731	.2332576	1.138988

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.956611	3.049399	.0294314	.0059619	5.244657	17.57652	.0061538
Stddev	.019279	.011831	.0017587	.0003219	.052409	.00381	.0008003
%RSD	.2423036	.3879789	5.975552	5.399539	.9992750	.0216865	13.00522

#1	7.936484	3.062626	.0276493	.0060181	5.304582	17.58085	.0069146
#2	7.958437	3.045745	.0311657	.0062520	5.207387	17.57367	.0062278
#3	7.974912	3.039826	.0294793	.0056156	5.222002	17.57502	.0053191

Sample Name: J1614-06DLX2 Acquired: 3/13/2018 17:15:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6Q0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.063134	.0390654	.1970299
Stddev	.003727	.0006069	.0000979
%RSD	.3505287	1.553565	.0496634

#1	1.059625	.0384004	.1971163
#2	1.067045	.0392066	.1970499
#3	1.062731	.0395893	.1969236

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2074.277	4336.721	49191.98	9405.506	4491.287
Stddev	7.118	28.215	63.35	8.852	27.061
%RSD	.3431496	.6505989	.1287780	.0941180	.6025253

#1	2076.748	4306.898	49124.52	9409.506	4463.733
#2	2079.830	4340.273	49201.23	9395.359	4492.301
#3	2066.253	4362.991	49250.20	9411.652	4517.826

Sample Name: J1614-07DLX2 Acquired: 3/13/2018 17:20:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6Q1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0888924	-.004408	2.096174	.0007116	.0055580	91.94331	17.41289
Stddev	.0034409	.001927	.008008	.0010169	.0014462	.32116	.04150
%RSD	3.870815	43.71559	.3820183	142.9002	26.02031	.3493068	.2383354

#1	.0925058	-.002918	2.105287	-.000462	.0065954	92.30325	17.44433
#2	.0885166	-.003722	2.092970	.001315	.0039060	91.68601	17.36585
#3	.0856549	-.006585	2.090264	.001282	.0061725	91.84068	17.42849

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080220	.0013472	233.7292	.1085813	.0750827	.1353796	161.9925
Stddev	.0001072	.0000550	.2516	.0012082	.0004594	.0015708	.4702
%RSD	1.336735	4.079682	.1076531	1.112686	.6118609	1.160296	.2902695

#1	.0081445	.0013132	233.8807	.1071863	.0753696	.1357573	162.4958
#2	.0079764	.0013178	233.8682	.1092937	.0745529	.1336544	161.5644
#3	.0079451	.0014106	233.4388	.1092638	.0753257	.1367272	161.9174

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.686867	133.4170	.1137637	-.010045	1.459559	.3076758	1.791809
Stddev	.003785	.2890	.0006173	.000423	.126296	.0015542	.019618
%RSD	.0807511	.2165881	.5426342	4.208650	8.653037	.5051394	1.094896

#1	4.691097	133.5203	.1143933	-.009659	1.476088	.3067838	1.812575
#2	4.685702	133.0906	.1137384	-.009981	1.576777	.3094704	1.789264
#3	4.683801	133.6401	.1131594	-.010497	1.325812	.3067732	1.773587

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.550150	2.422008	.0204480	.0039987	4.591653	17.86742	.0041407
Stddev	.065408	.005885	.0036380	.0002178	.014211	.12684	.0006093
%RSD	.9985751	.2429626	17.79167	5.446688	.3094992	.7098931	14.71504

#1	6.619388	2.422546	.0228970	.0041537	4.589954	17.87891	.0047000
#2	6.489400	2.415873	.0221794	.0037497	4.578367	17.73523	.0034914
#3	6.541662	2.427605	.0162677	.0040927	4.606637	17.98813	.0042306

Sample Name: J1614-07DLX2 Acquired: 3/13/2018 17:20:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6Q1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5569109	.0421170	.2195721
Stddev	.0014704	.0004221	.0008302
%RSD	.2640287	1.002196	.3780850

#1	.5586073	.0419907	.2205281
#2	.5560028	.0425878	.2190329
#3	.5561225	.0417725	.2191553

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2071.664	4255.077	49157.73	9676.242	4055.606
Stddev	32.926	28.582	393.89	78.402	24.631
%RSD	1.589343	.6717256	.8012768	.8102536	.6073433

#1	2033.651	4262.292	48714.53	9618.049	4059.947
#2	2091.298	4279.361	49467.83	9765.398	4077.779
#3	2090.043	4223.579	49290.81	9645.281	4029.093

Sample Name: CCV036 Acquired: 3/13/2018 17:24:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV036 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.777152	4.624713	23.81436	4.856374	4.773101	396.5649	9.588840
Stddev	.029401	.030052	.07807	.025487	.029307	1.4490	.037581
%RSD	.6154485	.6498092	.3278192	.5248209	.6140110	.3653928	.3919268

#1	4.798835	4.651062	23.83588	4.866740	4.765211	398.0592	9.596255
#2	4.743687	4.591983	23.72779	4.827338	4.748546	396.4698	9.548103
#3	4.788934	4.631092	23.87942	4.875046	4.805545	395.1658	9.622160

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4728104	2.400077	385.7830	14.69508	2.405847	14.23323	398.8357
Stddev	.0026032	.006266	1.8421	.05311	.007512	.05674	2.4894
%RSD	.5505867	.2610629	.4775087	.3614303	.3122564	.3986195	.6241681

#1	.4708677	2.406604	386.0438	14.74836	2.411266	14.28418	398.4941
#2	.4717952	2.394111	383.8244	14.69475	2.397271	14.17209	396.5347
#3	.4757683	2.399516	387.4809	14.64214	2.409002	14.24341	401.4782

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.96050	390.9182	2.424990	1.209862	395.4446	2.390968	14.01977
Stddev	.09758	2.4078	.005719	.002864	1.0995	.011665	.26885
%RSD	.6989930	.6159453	.2358522	.2367084	.2780472	.4878922	1.917644

#1	13.98072	390.2581	2.428345	1.207077	395.6788	2.394100	13.86262
#2	13.85439	388.9092	2.418386	1.212799	396.4081	2.400747	14.33021
#3	14.04639	393.5872	2.428239	1.209711	394.2468	2.378056	13.86650

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	142.1645	4.778389	4.653352	4.794595	4.904231	4.592361	4.758570
Stddev	.5527	.026047	.027648	.025867	.048182	.034545	.019919
%RSD	.3887858	.5451067	.5941437	.5394959	.9824643	.7522298	.4185986

#1	142.6674	4.806650	4.639088	4.803179	4.946262	4.565140	4.780394
#2	141.5727	4.755345	4.635749	4.765527	4.851646	4.580720	4.741368
#3	142.2535	4.773172	4.685218	4.815078	4.914784	4.631223	4.753950

Sample Name: CCV036 Acquired: 3/13/2018 17:24:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV036 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.750599	4.873962	4.898105
Stddev	.016564	.006384	.042467
%RSD	.3486671	.1309890	.8670013

#1	4.757203	4.876248	4.906996
#2	4.762842	4.878889	4.851897
#3	4.731752	4.866750	4.935423

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1641.499	3416.301	40930.79	8435.323	3492.733
Stddev	7.946	31.787	128.33	52.316	26.383
%RSD	.4840626	.9304488	.3135340	.6201982	.7553659

#1	1647.745	3422.723	40832.50	8400.690	3495.462
#2	1632.555	3444.387	40883.90	8495.504	3517.646
#3	1644.196	3381.794	41075.97	8409.775	3465.092

Sample Name: CCB036 Acquired: 3/13/2018 17:28:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB036 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002316	-.001314	.0014590	-.000705	-.000280	.0045286	-.000992
Stddev	.000521	.001090	.0008977	.000680	.000789	.0056676	.000565
%RSD	22.51487	82.98944	61.52739	96.47351	281.3740	125.1496	56.92026

#1	-.002884	-.000370	.0009546	.000031	.000434	.0107286	-.001234
#2	-.001859	-.001064	.0024955	-.000837	-.000148	.0032428	-.000347
#3	-.002204	-.002508	.0009271	-.001310	-.001127	-.000386	-.001395

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000011	-.000012	.0019018	.0004566	-.000129	-.002205	.0038828
Stddev	.000018	.000023	.0083896	.0001349	.000059	.000074	.0059831
%RSD	165.2677	190.4499	441.1492	29.53551	45.43478	3.362536	154.0900

#1	.000010	-.000034	.0081073	.0005992	-.000083	-.002270	.0091557
#2	-.000021	.000012	-.007643	.0003312	-.000108	-.002221	-.002619
#3	-.000021	-.000014	.005241	.0004394	-.000195	-.002124	.005112

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000049	.0079749	-.000038	.0001660	.0408755	.0006005	-.000393
Stddev	.000509	.0176199	.000292	.0000564	.1254051	.0024364	.003054
%RSD	1032.263	220.9426	766.0976	33.94939	306.7980	405.7194	776.7386

#1	.000495	-.007922	-.000356	.0001015	.1851167	-.002112	.003026
#2	-.000512	.026920	.000216	.0001910	-.020188	.002603	-.001355
#3	-.000131	.004926	.000026	.0002055	-.042303	.001311	-.002850

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.098315	-.000635	-.002440	.0001596	-.031147	-.001880	-.000344
Stddev	.012467	.001197	.000437	.0001464	.001576	.000817	.000514
%RSD	12.68026	188.6233	17.90713	91.72480	5.058815	43.48467	149.4451

#1	-.084183	.000317	-.001943	.0003204	-.029879	-.000937	.000050
#2	-.103010	-.001978	-.002616	.0000340	-.030651	-.002310	-.000156
#3	-.107753	-.000243	-.002762	.0001245	-.032911	-.002392	-.000925

Sample Name: CCB036 Acquired: 3/13/2018 17:28:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB036 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000209	-.002588	-.000043
Stddev	.001468	.000484	.000094
%RSD	702.9094	18.70471	216.7416

#1	-.001391	-.002690	.000011
#2	-.000669	-.003013	.000010
#3	.001434	-.002061	-.000151

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2037.389	4214.372	48066.31	8972.175	4940.619
Stddev	16.184	8.288	210.61	92.729	5.221
%RSD	.7943655	.1966642	.4381691	1.033523	.1056825

#1	2023.771	4204.897	47855.43	8880.825	4934.708
#2	2033.115	4220.275	48066.86	8969.475	4942.548
#3	2055.282	4217.946	48276.65	9066.225	4944.602

Sample Name: J1614-09DLX2 Acquired: 3/13/2018 17:32:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6Q3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0600573	-.000357	1.334764	.0035377	.0054645	48.50782	17.29609
Stddev	.0017372	.000652	.010719	.0019519	.0010618	.15840	.25021
%RSD	2.892548	182.8346	.8030938	55.17307	19.43082	.3265453	1.446656

#1	.0618500	-.000051	1.324345	.0024484	.0050205	48.69048	17.45257
#2	.0583815	-.001105	1.334188	.0057911	.0046968	48.42476	17.42819
#3	.0599403	.000086	1.345760	.0023736	.0066763	48.40823	17.00751

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050465	.0011684	23.15294	.0909342	.0655599	.1732159	148.4963
Stddev	.0000285	.0001366	.13505	.0003172	.0005993	.0016901	1.0261
%RSD	.5639061	11.68928	.5832756	.3488598	.9141947	.9757125	.6910013

#1	.0050139	.0010139	23.26239	.0911655	.0649292	.1750502	149.0382
#2	.0050663	.0012731	23.19440	.0905725	.0656283	.1717218	149.1379
#3	.0050593	.0012182	23.00202	.0910645	.0661221	.1728758	147.3128

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.058116	9.914174	.0786791	-.008671	1.049439	.2124955	1.758586
Stddev	.026019	.034143	.0008554	.000341	.199852	.0029815	.014245
%RSD	.6411499	.3443840	1.087152	3.930716	19.04370	1.403072	.8100538

#1	4.079803	9.940168	.0778089	-.008412	1.204964	.2154370	1.742392
#2	4.065278	9.926847	.0795188	-.008543	1.119324	.2125739	1.764184
#3	4.029266	9.875507	.0787096	-.009057	.824029	.2094756	1.769183

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.531549	2.317986	.0244592	.0058838	5.167497	18.01247	.0049964
Stddev	.072656	.015690	.0043481	.0001637	.052126	.14253	.0009158
%RSD	1.603336	.6768708	17.77679	2.781554	1.008724	.7912765	18.33019

#1	4.615428	2.302854	.0229503	.0057725	5.128145	18.14918	.0039465
#2	4.491058	2.316923	.0293607	.0058071	5.147732	17.86476	.0054118
#3	4.488161	2.334180	.0210666	.0060717	5.226615	18.02346	.0056310

Sample Name: J1614-09DLX2 Acquired: 3/13/2018 17:32:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6Q3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7523179	.0234942	.2048137
Stddev	.0011964	.0001812	.0008028
%RSD	.1590232	.7713935	.3919474

#1	.7524111	.0237024	.2052955
#2	.7534649	.0233718	.2052587
#3	.7510776	.0234085	.2038870

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2116.438	4307.924	49763.68	9422.620	4574.944
Stddev	10.199	26.525	227.91	63.398	25.774
%RSD	.4818995	.6157233	.4579818	.6728253	.5633630

#1	2105.351	4334.698	49623.69	9353.279	4603.111
#2	2118.542	4307.417	49640.68	9436.964	4569.182
#3	2125.421	4281.656	50026.66	9477.617	4552.539

Sample Name: J1614-15DLX2 Acquired: 3/13/2018 17:36:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6Q7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0831714	.0004940	9.816343	.0017592	.0078412	85.48382
Stddev	.0006090	.0023822	.142762	.0023155	.0014908	1.29310
%RSD	.7322642	482.2057	1.454325	131.6237	19.01226	1.512688

#1	.0827090	.0022292	9.709069	.0044323	.0062746	86.97051
#2	.0829437	.0014749	9.761583	.0003761	.0080067	84.62031
#3	.0838615	-.002222	9.978378	.0004691	.0092424	84.86065

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 21.67704	.0086588	.0032723	56.58042	.1144532	.1047705
Stddev	.51765	.0000684	.0001845	1.07524	.0002743	.0016033
%RSD	2.388000	.7899033	5.639210	1.900370	.2396280	1.530330

#1	22.27306	.0087360	.0030616	57.82098	.1147227	.1035582
#2	21.33984	.0086057	.0033497	55.91645	.1141744	.1041649
#3	21.41823	.0086348	.0034055	56.00385	.1144624	.1065884

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2646608	231.6079	7.324480	35.99179	.1329022	-.012801
Stddev	.0056665	4.5836	.135803	.77519	.0023878	.000196
%RSD	2.141029	1.979055	1.854100	2.153796	1.796672	1.527927

#1	.2710707	236.8790	7.480247	36.87360	.1314481	-.012763
#2	.2625935	228.5578	7.230944	35.41772	.1316005	-.013013
#3	.2603183	229.3869	7.262251	35.68406	.1356580	-.012628

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.676651	.3335770	7.206054	4.738206	1.980078	.0302014
Stddev	.042905	.0029854	.044113	.126909	.030728	.0067929
%RSD	2.558964	.8949552	.6121651	2.678415	1.551876	22.49208

#1	1.726062	.3369910	7.212443	4.854684	1.947576	.0372113
#2	1.655069	.3322833	7.246624	4.602957	1.984003	.0236486
#3	1.648823	.3314567	7.159095	4.756977	2.008655	.0297443

Sample Name: J1614-15DLX2 Acquired: 3/13/2018 17:36:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6Q7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056352	4.952667	16.98656	.0032140	.6950840	.0470833
Stddev	.0003246	.071734	.21904	.0010099	.0099866	.0006578
%RSD	5.760017	1.448383	1.289478	31.42296	1.436746	1.397157

#1	.0054594	4.875861	17.23429	.0027929	.7065888	.0477801
#2	.0054365	4.964212	16.90687	.0024827	.6886530	.0469968
#3	.0060098	5.017928	16.81852	.0043663	.6900101	.0464730

Elem	Sr4077
Units	ppm
Avg	.1327448
Stddev	.0024452
%RSD	1.842051

#1	.1355641
#2	.1312016
#3	.1314688

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2162.064	4424.056	51188.36	9880.740	4335.031
Stddev	11.464	42.403	86.83	143.300	48.082
%RSD	.5302266	.9584549	.1696324	1.450295	1.109150

#1	2170.499	4455.807	51221.85	9716.457	4374.224
#2	2149.012	4440.459	51089.77	9980.005	4349.491
#3	2166.682	4375.902	51253.46	9945.758	4281.379

Sample Name: J1614-16DLX2 Acquired: 3/13/2018 17:40:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6Q8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0512263	.0026415	1.457877	.0043298	.0038709	41.86538	19.33886
Stddev	.0027878	.0006660	.005375	.0025194	.0006737	.14673	.02359
%RSD	5.442075	25.21424	.3686831	58.18916	17.40519	.3504835	.1219848

#1	.0515464	.0029987	1.451705	.0018348	.0046144	41.99317	19.31544
#2	.0482923	.0030527	1.461528	.0042815	.0033008	41.70514	19.33851
#3	.0538402	.0018731	1.460397	.0068730	.0036976	41.89783	19.36262

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040947	.0016599	37.83312	.0729769	.0731510	.2440202	109.4858
Stddev	.0001331	.0000724	.07360	.0006525	.0002663	.0020865	.3055
%RSD	3.249629	4.363872	.1945349	.8940746	.3640859	.8550567	.2790370

#1	.0039873	.0016236	37.79204	.0723560	.0729066	.2433303	109.2612
#2	.0040532	.0017433	37.78924	.0729178	.0731115	.2423661	109.3625
#3	.0042436	.0016128	37.91809	.0736569	.0734348	.2463644	109.8337

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.664818	13.53350	.0705624	-.006494	.9652220	.1539440	1.471944
Stddev	.026557	.17112	.0004190	.000262	.1259849	.0042232	.021595
%RSD	.3984657	1.264438	.5937958	4.034318	13.05242	2.743351	1.467100

#1	6.640132	13.35169	.0702180	-.006723	1.105584	.1588189	1.494620
#2	6.661407	13.55740	.0710289	-.006208	.861935	.1513972	1.469589
#3	6.692916	13.69142	.0704403	-.006551	.928146	.1516158	1.451624

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.815424	2.053647	.0290867	.0055113	5.599980	15.30099	.0042077
Stddev	.042930	.015304	.0014822	.0001190	.020603	.12367	.0010103
%RSD	1.125174	.7452036	5.095722	2.158919	.3679185	.8082813	24.01020

#1	3.771711	2.070659	.0289109	.0055960	5.616003	15.28317	.0031149
#2	3.817034	2.041001	.0306490	.0055627	5.607199	15.18719	.0044004
#3	3.857526	2.049280	.0277003	.0053753	5.576739	15.43260	.0051077

Sample Name: J1614-16DLX2 Acquired: 3/13/2018 17:40:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6Q8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6945466	.0252295	.2375020
Stddev	.0019796	.0003836	.0007398
%RSD	.2850140	1.520354	.3114909

#1	.6963495	.0253282	.2377699
#2	.6948619	.0255541	.2366655
#3	.6924283	.0248062	.2380705

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2098.477	4293.726	49406.68	9453.346	4544.072
Stddev	19.475	12.271	207.12	49.246	6.723
%RSD	.9280586	.2857886	.4192121	.5209340	.1479498

#1	2079.458	4305.281	49174.06	9463.065	4550.888
#2	2097.595	4295.052	49474.86	9497.007	4543.881
#3	2118.378	4280.846	49571.11	9399.965	4537.446

Sample Name: J1614-18DLX2 Acquired: 3/13/2018 17:44:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6R0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0805968	-.005088	1.550981	-.001469	.0048250	60.67245	14.01935
Stddev	.0040767	.003310	.007571	.002966	.0007017	.40185	.08798
%RSD	5.058081	65.06733	.4881369	201.9568	14.54303	.6623256	.6275390

#1	.0844939	-.008435	1.548509	-.003527	.0052980	61.01035	14.09672
#2	.0809350	-.005013	1.544956	.001931	.0051583	60.77892	14.03767
#3	.0763616	-.001815	1.559479	-.002810	.0040188	60.22809	13.92365

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052262	.0028753	191.9613	.0863026	.0674596	.5330720	118.5896
Stddev	.0000228	.0000206	.5961	.0006967	.0002403	.0004326	.4943
%RSD	.4364623	.7177480	.3105379	.8073028	.3562244	.0811516	.4168327

#1	.0052506	.0028900	191.6502	.0870405	.0672930	.5334383	118.0246
#2	.0052226	.0028841	192.6486	.0856560	.0673508	.5325947	118.9424
#3	.0052054	.0028517	191.5850	.0862115	.0677351	.5331828	118.8017

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.090872	104.2238	.0976491	-.007121	1.201426	.2177130	1.314100
Stddev	.012399	.5433	.0004652	.000197	.075246	.0036532	.010666
%RSD	.4011573	.5213244	.4763783	2.761543	6.263082	1.677969	.8116632

#1	3.077245	103.6905	.0974384	-.007300	1.286924	.2209350	1.310928
#2	3.101489	104.7767	.0973265	-.007151	1.145279	.2184599	1.325992
#3	3.093882	104.2041	.0981824	-.006911	1.172075	.2137441	1.305379

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.588384	2.365717	.0344297	.0072864	5.230201	17.24991	.0020055
Stddev	.036608	.020692	.0022695	.0003842	.018557	.22924	.0001308
%RSD	.4824235	.8746410	6.591704	5.272565	.3548111	1.328928	6.522775

#1	7.628967	2.347267	.0349703	.0077209	5.209049	17.27586	.0021411
#2	7.578336	2.361795	.0319387	.0071469	5.243748	17.46506	.0018800
#3	7.557850	2.388088	.0363800	.0069915	5.237805	17.00880	.0019955

Sample Name: J1614-18DLX2 Acquired: 3/13/2018 17:44:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6R0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5819376	.0346187	.1862164
Stddev	.0038647	.0004692	.0004905
%RSD	.6641144	1.355452	.2633873

#1	.5862518	.0348839	.1866999
#2	.5807687	.0348953	.1862299
#3	.5787922	.0340769	.1857193

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2030.884	4167.334	48072.06	9447.608	4175.618
Stddev	13.893	7.268	76.95	74.961	15.391
%RSD	.6840915	.1743981	.1600734	.7934349	.3685912

#1	2035.631	4166.322	48111.23	9397.350	4179.514
#2	2015.240	4175.055	47983.41	9411.706	4188.686
#3	2041.782	4160.626	48121.55	9533.767	4158.653

Sample Name: J1614-19DLX2 Acquired: 3/13/2018 17:48:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6R1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0479075	-.001370	1.633288	.0031383	.0063117	64.06817	15.59047
Stddev	.0023616	.001328	.014065	.0023058	.0015076	.39305	.08438
%RSD	4.929474	96.93898	.8611419	73.47245	23.88603	.6134863	.5412025

#1	.0506305	-.000529	1.649493	.0032031	.0080120	64.43266	15.53449
#2	.0464179	-.002901	1.626122	.0008008	.0051381	63.65173	15.54939
#3	.0466742	-.000680	1.624250	.0054109	.0057850	64.12012	15.68751

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050048	.0004787	25.00902	.1078676	.0822810	.1677906	139.7548
Stddev	.0000522	.0000354	.12174	.0002027	.0004401	.0013534	.8281
%RSD	1.042723	7.395034	.4867688	.1879524	.5348235	.8066058	.5925141

#1	.0050526	.0004582	25.09543	.1078398	.0827667	.1693359	140.4202
#2	.0050127	.0005196	24.86979	.1076802	.0819088	.1668162	138.8275
#3	.0049491	.0004584	25.06183	.1080828	.0821675	.1672196	140.0168

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.715039	11.63968	.0794176	-.008632	.9955812	.2300441	2.246056
Stddev	.027460	.11610	.0012059	.000343	.2067476	.0019030	.018336
%RSD	.5823862	.9974774	1.518448	3.978965	20.76652	.8272287	.8163822

#1	4.737079	11.66347	.0807952	-.008627	.9474972	.2296266	2.266984
#2	4.684277	11.51352	.0785528	-.008979	1.222134	.2321212	2.238369
#3	4.723759	11.74204	.0789049	-.008292	.817113	.2283846	2.232814

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.595230	3.480294	.0262597	.0058140	4.536428	21.01063	.0123564
Stddev	.036646	.031869	.0014577	.0002496	.033535	.03498	.0006291
%RSD	.5556474	.9156967	5.551069	4.293135	.7392332	.1665059	5.091201

#1	6.624887	3.514218	.0277620	.0060175	4.575116	21.04313	.0130538
#2	6.554262	3.475680	.0248511	.0058890	4.515663	21.01515	.0121836
#3	6.606541	3.450983	.0261659	.0055355	4.518506	20.97360	.0118318

Sample Name: J1614-19DLX2 Acquired: 3/13/2018 17:48:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6R1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9718366	.0341480	.2134647
Stddev	.0053674	.0003664	.0008919
%RSD	.5522949	1.072976	.4178379

#1	.9766220	.0337897	.2144506
#2	.9660330	.0341323	.2127137
#3	.9728546	.0345220	.2132297

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2048.130	4276.925	48043.71	9064.373	4532.326
Stddev	2.978	35.169	219.91	63.264	39.281
%RSD	.1453771	.8223080	.4577354	.6979464	.8666928

#1	2045.234	4237.947	47812.32	9050.958	4488.509
#2	2047.971	4286.542	48068.82	9133.269	4544.080
#3	2051.183	4306.285	48249.99	9008.891	4564.389

Sample Name: J1614-21DLX2 Acquired: 3/13/2018 17:52:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6R3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0687544	.0037259	6.768020	.0020121	.0053076	89.44833
Stddev	.0026592	.0009828	.035983	.0019585	.0014713	.26730
%RSD	3.867643	26.37858	.5316586	97.33966	27.72132	.2988264

#1	.0660758	.0044128	6.749518	.0041313	.0063172	89.42478
#2	.0713937	.0041649	6.745052	.0016362	.0059860	89.19359
#3	.0687937	.0026001	6.809489	.0002687	.0036194	89.72662

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 20.50334	.0072771	-.000013	17.65725	.1042148	.1153739
Stddev	.15931	.0001376	.000129	.05931	.0002390	.0002959
%RSD	.7770032	1.891070	986.7458	.3358678	.2293254	.2564672

#1	20.40795	.0071774	.000128	17.59003	.1044201	.1152616
#2	20.41482	.0072198	-.000043	17.67958	.1039524	.1151507
#3	20.68726	.0074341	-.000124	17.70215	.1042719	.1157096

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1506598	166.8386	7.817631	12.54485	.1264716	-.010286
Stddev	.0017061	.9259	.031938	.10301	.0011321	.000305
%RSD	1.132386	.5549770	.4085427	.8211574	.8951257	2.960687

#1	.1510771	165.7916	7.781067	12.42959	.1255582	-.010201
#2	.1487838	167.5494	7.840080	12.62793	.1261185	-.010033
#3	.1521185	167.1749	7.831746	12.57704	.1277382	-.010624

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.180888	.2977082	1.041647	7.784521	2.453922	.0219822
Stddev	.054998	.0034858	.001331	.072772	.028367	.0036112
%RSD	4.657381	1.170862	.1277957	.9348256	1.155992	16.42759

#1	1.198441	.2936863	1.040116	7.715486	2.486309	.0232395
#2	1.119256	.2995819	1.042533	7.777548	2.441974	.0247966
#3	1.224967	.2998564	1.042293	7.860528	2.433483	.0179105

Sample Name: J1614-21DLX2 Acquired: 3/13/2018 17:52:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6R3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068261	4.136786	18.59857	.0052622	1.199008	.0476366
Stddev	.0002049	.026992	.19668	.0006828	.004894	.0014895
%RSD	3.001999	.6524946	1.057527	12.97568	.4081415	3.126814

#1	.0066507	4.166103	18.46267	.0046836	1.201022	.0487211
#2	.0070513	4.112964	18.50894	.0050876	1.193429	.0482505
#3	.0067762	4.131291	18.82411	.0060153	1.202573	.0459382

Elem	Sr4077
Units	ppm
Avg	.1945761
Stddev	.0004751
%RSD	.2441744

#1	.1944913
#2	.1941491
#3	.1950879

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2185.247	4435.319	51065.45	9761.815	4440.351
Stddev	11.700	22.140	214.30	40.220	12.321
%RSD	.5353939	.4991732	.4196519	.4120124	.2774707

#1	2176.111	4431.746	50894.24	9740.542	4439.957
#2	2198.434	4459.028	51305.77	9808.204	4452.864
#3	2181.196	4415.183	50996.33	9736.699	4428.233

Sample Name: PB107218BL Acquired: 3/13/2018 17:56:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL 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	.0007119	-.001939	.0000657	-.002939	.0000207	-.003722	-.000075
Stddev	.0012323	.000471	.0007491	.002323	.0013728	.002997	.000462
%RSD	173.0878	24.28235	1140.066	79.04720	6630.001	80.52031	619.1587

#1	.0010459	-.002286	.0002184	-.004392	-.001454	-.003569	-.000555
#2	-.000653	-.002128	.0007267	-.004164	.000256	-.006793	.000366
#3	.001743	-.001403	-.000748	-.000260	.001261	-.000805	-.000035

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000052	.0000175	.0037501	.0000197	-.000113	.0012332	-.003263
Stddev	.000020	.0000391	.0045110	.0006105	.000161	.0022301	.005377
%RSD	37.72803	223.7029	120.2911	3092.897	142.3226	180.8386	164.7846

#1	-.000048	.0000578	.0073597	-.000149	-.000169	.0019913	-.007062
#2	-.000035	-.000020	-.001307	.000697	.000068	-.001277	-.005617
#3	-.000074	.000015	.005197	-.000488	-.000239	.002985	.002890

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000160	-.001704	-.000189	.0000462	-.032347	-.001518	-.001857
Stddev	.000141	.032122	.000195	.0001830	.295417	.001002	.001240
%RSD	88.05103	1884.973	102.8430	395.9212	913.2750	65.99532	66.76291

#1	-.000153	.024477	-.000364	-.000161	.049114	-.000859	-.000618
#2	-.000304	-.037548	-.000224	.000185	.213792	-.002671	-.001856
#3	-.000023	.007959	.000021	.000115	-.359947	-.001024	-.003097

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.022670	.0000016	-.007693	.0001520	-.029374	-.002416	.0004665
Stddev	.031625	.0008754	.000579	.0000932	.002164	.000466	.0005101
%RSD	139.4999	55175.66	7.531158	61.29737	7.366213	19.27098	109.3385

#1	-.022240	.0000233	-.008283	.0002258	-.028083	-.002947	-.000034
#2	.008737	.0008659	-.007670	.0000473	-.031872	-.002079	.000448
#3	-.054509	-.000884	-.007125	.0001828	-.028166	-.002222	.000985

Sample Name: PB107218BL Acquired: 3/13/2018 17:56:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000581	-.005052	-.000051
Stddev	.000750	.000215	.000052
%RSD	129.1296	4.249139	102.9346

#1	.000032	-.004842	-.000077
#2	-.001417	-.005271	.000009
#3	-.000357	-.005043	-.000085

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2012.703	4082.746	46857.61	8749.958	4777.324
Stddev	20.909	46.941	234.38	64.618	52.222
%RSD	1.038870	1.149730	.5001990	.7384990	1.093129

#1	2006.910	4085.974	47068.79	8679.300	4781.288
#2	1995.301	4127.989	46605.43	8764.525	4827.452
#3	2035.898	4034.275	46898.61	8806.050	4723.233

Sample Name: PB107218BS Acquired: 3/13/2018 18:01:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0180630	.0476245	.0173829	.0671430	.1063677	.3800620
Stddev	.0022271	.0008613	.0011889	.0020700	.0015823	.0208209
%RSD	12.32959	1.808580	6.839409	3.082995	1.487568	5.478282

#1	.0180875	.0479771	.0162192	.0695122	.1081430	.3693432
#2	.0202778	.0482536	.0185955	.0656846	.1051062	.3667844
#3	.0158238	.0466428	.0173341	.0662322	.1058538	.4040585

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3642257	.0097420	.0096333	9.795646	.0214852	.0911821
Stddev	.0136924	.0002237	.0000595	.312322	.0002606	.0000512
%RSD	3.759307	2.296249	.6171146	3.188374	1.212868	.0561107

#1	.3603733	.0097779	.0095660	9.727300	.0212404	.0911355
#2	.3528722	.0095026	.0096553	9.523157	.0214561	.0912369
#3	.3794316	.0099456	.0096786	10.13648	.0217591	.0911741

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0454622	.2088113	.0295980	9.313829	.0761056	.0189743
Stddev	.0008325	.0088022	.0007760	.322084	.0001215	.0003021
%RSD	1.831160	4.215405	2.621939	3.458128	.1596453	1.592316

#1	.0462006	.2137158	.0300259	9.285475	.0761946	.0189035
#2	.0445599	.1986494	.0287022	9.006858	.0761551	.0193055
#3	.0456260	.2140686	.0300658	9.649152	.0759672	.0187138

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.403930	.0981663	.1188593	8.776217	.0230625	.0124922
Stddev	.345777	.0045705	.0059277	.411536	.0017162	.0002393
%RSD	3.676943	4.655842	4.987162	4.689215	7.441688	1.915415

#1	9.496982	.0944480	.1257012	8.649285	.0227207	.0122406
#2	9.021149	.0967821	.1152656	8.443101	.0249239	.0127169
#3	9.693660	.1032689	.1156113	9.236266	.0215428	.0125191

Sample Name: PB107218BS Acquired: 3/13/2018 18:01:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0196279	.1392841	.1714965	F .0131773	.1858750	.0879026
Stddev	.0002622	.0019422	.0071696	.0010926	.0053403	.0030439
%RSD	1.335872	1.394422	4.180602	8.291180	2.873044	3.462793

#1	.0198895	.1382997	.1701806	.0119178	.1840280	.0870143
#2	.0196291	.1415214	.1650760	.0138699	.1817034	.0854016
#3	.0193651	.1380312	.1792328	.0137442	.1918936	.0912918

Elem	Sr4077
Units	ppm
Avg	.1886655
Stddev	.0066585
%RSD	3.529258

#1	.1868495
#2	.1831035
#3	.1960436

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1975.689	4144.343	46517.49	9038.155	4749.243
Stddev	16.401	63.430	470.88	253.856	45.647
%RSD	.8301273	1.530514	1.012266	2.808714	.9611357

#1	1968.076	4092.732	46404.64	9091.760	4708.324
#2	1964.479	4125.143	46113.28	9260.928	4740.929
#3	1994.513	4215.155	47034.54	8761.778	4798.475

Sample Name: PB107180BL Acquired: 3/13/2018 18:05:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011070	-.003369	-.000157	-.001156	-.000143	.0012202	-.000555
Stddev	.0012125	.001382	.000975	.002073	.000954	.0055800	.000653
%RSD	109.5259	41.01020	620.6976	179.3887	666.4679	457.3072	117.5352

#1	.0020183	-.001819	.000790	-.001590	-.000425	.0054503	-.001309
#2	-.000269	-.003819	-.001157	.001100	.000921	.0033142	-.000151
#3	.001572	-.004470	-.000104	-.002978	-.000925	-.005104	-.000207

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000638	-.000035	.0046360	.0002195	-.000106	-.000746	-.002160
Stddev	.0000118	.000018	.0082086	.0000848	.000081	.001080	.005454
%RSD	18.46519	51.70551	177.0613	38.63254	76.17453	144.7296	252.5365

#1	.0000613	-.000023	.0073004	.0001251	-.000146	.000500	-.008020
#2	.0000535	-.000027	-.004574	.0002442	-.000013	-.001332	.002769
#3	.0000766	-.000056	.011181	.0002893	-.000160	-.001407	-.001228

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003154	-.006674	-.000151	-.000015	.0057985	-.000261	-.000601
Stddev	.0001370	.037708	.000200	.000323	.1555781	.001802	.002579
%RSD	43.43955	564.9788	132.0982	2169.247	2683.062	691.6972	429.0263

#1	.0004103	.036541	.000033	.000358	-.046909	-.000108	-.000677
#2	.0003775	-.032888	-.000364	-.000215	-.116579	-.002134	.002015
#3	.0001583	-.023676	-.000123	-.000188	.180884	.001460	-.003141

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.095915	-.000930	-.007341	.0000357	-.030178	-.001947	.0001839
Stddev	.006496	.002169	.000812	.0001278	.001441	.000832	.0006436
%RSD	6.772277	233.3947	11.06331	357.4846	4.774992	42.75740	349.9819

#1	-.089845	.000931	-.007551	-.000044	-.031762	-.000987	.0008662
#2	-.095134	-.000408	-.006444	-.000032	-.029830	-.002382	-.000413
#3	-.102765	-.003312	-.008027	.000183	-.028944	-.002472	.000098

Sample Name: PB107180BL Acquired: 3/13/2018 18:05:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000446	-.003409	-.000016
Stddev	.000698	.000952	.000015
%RSD	156.4608	27.92054	94.71254

#1	.000185	-.003465	-.000019
#2	-.001196	-.004331	.000000
#3	-.000328	-.002430	-.000029

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2039.894	4096.731	47785.28	8939.258	4803.887
Stddev	11.387	22.335	226.44	51.969	14.619
%RSD	.5582388	.5451938	.4738743	.5813535	.3043248

#1	2046.657	4118.896	47947.19	8893.975	4818.880
#2	2026.747	4074.230	47526.52	8927.800	4789.672
#3	2046.279	4097.067	47882.13	8996.000	4803.110

Sample Name: PB107180BS Acquired: 3/13/2018 18:09:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0194467	.0481775	.0168217	.0691973	.1091023	.4016709
Stddev	.0016645	.0003762	.0005395	.0010194	.0007672	.0051251
%RSD	8.559303	.7808768	3.207460	1.473159	.7031594	1.275938

#1	.0213429	.0477478	.0162136	.0700529	.1097613	.3959604
#2	.0187703	.0483373	.0170086	.0680694	.1082601	.4058712
#3	.0182268	.0484474	.0172430	.0694696	.1092856	.4031810

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3824521	.0101882	.0099192	10.31502	.0216768	.0934315
Stddev	.0024177	.0001898	.0001400	.10175	.0001111	.0003658
%RSD	.6321687	1.862587	1.411811	.9864605	.5127353	.3915078

#1	.3850173	.0103641	.0097579	10.42498	.0215533	.0930215
#2	.3821235	.0102132	.0100087	10.29590	.0217687	.0937245
#3	.3802155	.0099871	.0099912	10.22419	.0217086	.0935485

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0504864	.2217476	.0307699	9.777489	.0779004	.0194112
Stddev	.0020318	.0162836	.0003976	.132908	.0005213	.0001763
%RSD	4.024509	7.343279	1.292194	1.359328	.6691427	.9080269

#1	.0496050	.2383789	.0310644	9.822383	.0778208	.0195895
#2	.0528100	.2210283	.0303176	9.882137	.0774235	.0192370
#3	.0490440	.2058357	.0309276	9.627948	.0784569	.0194071

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.692501	.1042172	.1210035	9.229695	.0258505	F .0134674
Stddev	.285356	.0020125	.0027481	.084990	.0005245	.0010374
%RSD	2.944088	1.931105	2.271074	.9208297	2.029062	7.703093

#1	9.742031	.1021253	.1178507	9.303466	.0255331	.0144676
#2	9.385623	.1061397	.1222687	9.248859	.0255624	.0135383
#3	9.949850	.1043866	.1228911	9.136759	.0264559	.0123964

Sample Name: PB107180BS Acquired: 3/13/2018 18:09:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0202261	.1408830	.1806728	F .0135529	.1943964	.0930688
Stddev	.0002910	.0032807	.0025168	.0003337	.0017303	.0003408
%RSD	1.438677	2.328687	1.393020	2.462127	.8900852	.3661296

#1	.0203261	.1373394	.1829720	.0131996	.1938677	.0928232
#2	.0204538	.1438147	.1810626	.0135966	.1929921	.0929253
#3	.0198982	.1414949	.1779839	.0138627	.1963293	.0934578

Elem	Sr4077
Units	ppm
Avg	.1978158
Stddev	.0012140
%RSD	.6136820

#1	.1985989
#2	.1984312
#3	.1964174

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2001.250	4135.515	46940.88	8876.809	4730.079
Stddev	10.411	43.399	243.35	92.324	32.778
%RSD	.5202469	1.049412	.5184121	1.040055	.6929708

#1	1997.728	4085.538	46855.65	8795.735	4692.235
#2	2012.966	4157.312	47215.38	8857.395	4748.473
#3	1993.056	4163.694	46751.61	8977.295	4749.529

Sample Name: PB107182BL Acquired: 3/13/2018 18:13:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008911	-.002522	-.000105	.0001623	-.000519	-.006896	-.000730
Stddev	.0007137	.002145	.000652	.0010103	.002236	.003265	.000444
%RSD	80.09430	85.04610	618.1653	622.4787	431.0255	47.34679	60.79632

#1	.0013889	-.002491	-.000665	.0007801	-.002947	-.010050	-.000669
#2	.0000734	-.004683	-.000261	.0007104	.001455	-.003530	-.000320
#3	.0012109	-.000393	.000610	-.001004	-.000064	-.007108	-.001201

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000015	-.000046	.0070745	-.000038	.0000604	.0008049	.0036112
Stddev	.000045	.000020	.0078461	.000315	.0001538	.0025161	.0068152
%RSD	296.7423	44.55383	110.9075	819.7911	254.4944	312.6092	188.7277

#1	.000036	-.000069	.0022763	-.000386	.0001168	.0015106	.0067612
#2	-.000046	-.000030	.0161289	.000226	-.000114	-.001989	.0082815
#3	-.000035	-.000038	.0028182	.000045	.000178	.002893	-.004209

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000365	-.008069	-.000038	.0000802	-.089249	-.001114	-.001374
Stddev	.000352	.027680	.000207	.0002655	.098809	.000754	.001757
%RSD	96.42197	343.0454	544.6137	331.0111	110.7118	67.64814	127.8726

#1	-.000755	-.037177	-.000242	.0003768	-.171278	-.000554	-.003248
#2	-.000265	.017918	.000172	-.000001	.020444	-.001971	-.001108
#3	-.000073	-.004947	-.000043	-.000135	-.116913	-.000818	.000235

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.014150	.0007849	-.007496	.0000689	-.030312	-.002490	.0005800
Stddev	.034239	.0011352	.000861	.0000413	.001331	.000802	.0009120
%RSD	241.9628	144.6293	11.48257	59.91564	4.390545	32.20898	157.2460

#1	-.051573	.0015152	-.006668	.0001153	-.030300	-.002848	-.000358
#2	.015605	-.000523	-.008386	.0000551	-.031648	-.001571	.000635
#3	-.006483	.001363	-.007435	.0000363	-.028987	-.003050	.001463

Sample Name: PB107182BL Acquired: 3/13/2018 18:13:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000672	-.004525	-.000065
Stddev	.000781	.001814	.000042
%RSD	116.1491	40.08228	64.17764

#1	-.000899	-.005977	-.000082
#2	-.001315	-.002492	-.000096
#3	.000197	-.005106	-.000018

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1991.879	4162.235	46787.38	8677.833	4865.889
Stddev	10.822	23.001	235.20	19.731	19.870
%RSD	.5433010	.5526198	.5027084	.2273764	.4083566

#1	1979.460	4141.916	46601.13	8662.350	4844.249
#2	1996.888	4187.207	46709.33	8671.100	4883.313
#3	1999.289	4157.582	47051.69	8700.050	4870.104

Sample Name: PB107182BS Acquired: 3/13/2018 18:17:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0196467	.0472417	.0177129	.0638356	.1060764	.3855556
Stddev	.0022131	.0011321	.0001360	.0011229	.0007345	.0024565
%RSD	11.26439	2.396385	.7678086	1.759055	.6923980	.6371418

#1	.0210026	.0465683	.0176420	.0647962	.1059865	.3861584
#2	.0170928	.0466081	.0176271	.0626011	.1053911	.3828538
#3	.0208445	.0485488	.0178698	.0641095	.1068517	.3876547

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3727293	.0100602	.0096878	10.05538	.0219442	.0907963
Stddev	.0006465	.0000995	.0000480	.02441	.0001188	.0005638
%RSD	.1734428	.9887333	.4953515	.2427672	.5415423	.6209625

#1	.3734275	.0101593	.0097422	10.06524	.0218883	.0913923
#2	.3721515	.0100608	.0096694	10.07332	.0218637	.0907251
#3	.3726088	.0099604	.0096517	10.02758	.0220807	.0902715

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0491739	.2162191	.0300352	9.587514	.0760348	.0187420
Stddev	.0022488	.0058882	.0006559	.014087	.0005477	.0002696
%RSD	4.573214	2.723237	2.183702	.1469309	.7203300	1.438631

#1	.0480606	.2217737	.0307573	9.571761	.0764333	.0185011
#2	.0517622	.2168375	.0294763	9.598902	.0762609	.0186917
#3	.0476989	.2100461	.0298720	9.591879	.0754103	.0190332

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.498826	.0979491	.1308661	9.048654	.0250873	.0123142
Stddev	.183723	.0031227	.0040464	.051425	.0016939	.0006699
%RSD	1.934165	3.188039	3.091998	.5683116	6.752170	5.440177

#1	9.303503	.1004506	.1262483	9.038724	.0265841	.0127093
#2	9.668187	.0944494	.1337916	9.002919	.0232484	.0126926
#3	9.524788	.0989472	.1325584	9.104319	.0254295	.0115408

Sample Name: PB107182BS Acquired: 3/13/2018 18:17:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0197224	.1359755	.1770302	F .0130669	.1895581	.0882438
Stddev	.0001505	.0029785	.0005117	.0004201	.0027438	.0008657
%RSD	.7630358	2.190501	.2890384	3.214887	1.447459	.9810890

#1	.0196502	.1391624	.1775685	.0132810	.1873421	.0884117
#2	.0196215	.1355021	.1769719	.0133367	.1887052	.0873064
#3	.0198953	.1332620	.1765501	.0125829	.1926270	.0890133

Elem	Sr4077
Units	ppm
Avg	.1923331
Stddev	.0002572
%RSD	.1337497

#1	.1923488
#2	.1920684
#3	.1925822

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2043.336	4198.708	47314.24	8911.864	4799.285
Stddev	8.311	22.519	65.83	22.282	28.449
%RSD	.4067418	.5363383	.1391263	.2500223	.5927657

#1	2036.147	4175.830	47277.59	8915.671	4767.983
#2	2052.436	4199.445	47390.24	8887.924	4806.305
#3	2041.424	4220.850	47274.90	8931.997	4823.566

Sample Name: PB107274BL Acquired: 3/13/2018 18:21:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL 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	-.001598	-.003705	-.000390	-.000521	-.000526	.0000701	-.000594
Stddev	.001635	.001293	.000490	.000587	.000827	.0051131	.000239
%RSD	102.2627	34.89648	125.4683	112.6695	157.2870	7296.724	40.24142

#1	.000147	-.004259	-.000407	-.000213	.000122	-.002076	-.000478
#2	-.003094	-.004629	.000108	-.001198	-.000242	.005907	-.000869
#3	-.001848	-.002227	-.000871	-.000152	-.001457	-.003620	-.000435

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000190	-.000000	.0027300	-.000077	-.000102	-.001106	-.001683
Stddev	.0000846	.000089	.0137327	.000362	.000119	.001554	.009645
%RSD	446.4943	39529.92	503.0284	468.8104	117.1815	140.4652	573.0379

#1	.0000804	.000039	.0119239	-.000011	-.000236	.000669	-.009041
#2	.0000541	-.000102	.0093219	-.000469	-.000061	-.002220	-.005244
#3	-.000078	.000062	-.013056	.000247	-.000008	-.001768	.009236

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000939	-.007998	.0002070	.0001727	.0570682	.0021045	.0003298
Stddev	.0002236	.018884	.0003196	.0002002	.1200860	.0009917	.0016353
%RSD	238.0508	236.1198	154.4056	115.8759	210.4254	47.12571	495.9149

#1	.0001519	.010073	-.000127	.0003943	.1412235	.0018089	-.001390
#2	-.000153	-.006463	.000510	.0000050	-.080451	.0012941	.000515
#3	.000283	-.027602	.000237	.0001188	.110432	.0032104	.001865

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.123816	.0005177	-.008245	.0001429	-.029378	-.001950	.0001448
Stddev	.054310	.0007667	.000760	.0000963	.001770	.000461	.0002181
%RSD	43.86372	148.0970	9.213926	67.44483	6.023468	23.62488	150.5651

#1	-.067159	-.000323	-.008015	.0000512	-.030046	-.002009	.0000334
#2	-.128859	.000699	-.007627	.0002433	-.027372	-.002378	.0000050
#3	-.175428	.001177	-.009093	.0001340	-.030717	-.001463	.0003961

Sample Name: PB107274BL Acquired: 3/13/2018 18:21:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000361	-.004696	-.000033
Stddev	.000084	.000460	.000043
%RSD	23.20214	9.787376	128.0936

#1	-.000419	-.005161	-.000009
#2	-.000398	-.004242	-.000082
#3	-.000265	-.004683	-.000009

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2066.095	4255.313	48433.84	9018.025	4973.203
Stddev	17.889	13.443	168.25	26.102	29.316
%RSD	.8658182	.3159005	.3473752	.2894380	.5894795

#1	2078.192	4265.422	48430.92	9011.725	4990.344
#2	2045.547	4260.458	48267.07	8995.650	4989.913
#3	2074.547	4240.057	48603.53	9046.700	4939.353

Sample Name: PB107274BS Acquired: 3/13/2018 18:25:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0194703	.0488401	.0188452	.0706489	.1110794	.4105870
Stddev	.0002309	.0004243	.0000654	.0008442	.0011797	.0056925
%RSD	1.186087	.8688137	.3467673	1.194924	1.062050	1.386431

#1	.0194993	.0490878	.0188856	.0715067	.1104802	.4065950
#2	.0192262	.0490823	.0187698	.0706208	.1103195	.4171054
#3	.0196854	.0483501	.0188802	.0698190	.1124385	.4080605

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3894236	.0104966	.0102432	10.43253	.0233159	.0960775
Stddev	.0014907	.0001415	.0000349	.01449	.0002304	.0001138
%RSD	.3827993	1.347845	.3407530	.1388775	.9881301	.1184075

#1	.3895895	.0103900	.0102053	10.41642	.0234280	.0959480
#2	.3908244	.0106571	.0102503	10.44450	.0234687	.0961233
#3	.3878569	.0104426	.0102740	10.43667	.0230509	.0961613

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0502837	.2245549	.0309915	9.878874	.0801802	.0196651
Stddev	.0018407	.0054154	.0008519	.021797	.0002059	.0000167
%RSD	3.660677	2.411605	2.748829	.2206392	.2567492	.0850124

#1	.0495890	.2308080	.0319294	9.884898	.0802935	.0196812
#2	.0488914	.2213986	.0307792	9.897025	.0799426	.0196663
#3	.0523706	.2214582	.0302658	9.854699	.0803045	.0196478

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.04283	.1047066	.1201192	9.537179	.0257384	.0127269
Stddev	.12075	.0029689	.0064601	.051785	.0003291	.0004864
%RSD	1.202344	2.835453	5.378090	.5429825	1.278545	3.821646

#1	10.11786	.1076378	.1197154	9.587161	.0253825	.0129077
#2	10.10710	.1017014	.1267717	9.483762	.0260317	.0130971
#3	9.90354	.1047808	.1138705	9.540616	.0258009	.0121761

Sample Name: PB107274BS Acquired: 3/13/2018 18:25:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0206467	.1462742	.1845311	F .0143970	.1970271	.0924518
Stddev	.0001959	.0022488	.0022135	.0003863	.0017932	.0009816
%RSD	.9487405	1.537368	1.199515	2.683288	.9101292	1.061781

#1	.0205705	.1446935	.1822629	.0148425	.1960026	.0920508
#2	.0208693	.1488487	.1866855	.0141544	.1990976	.0935704
#3	.0205004	.1452805	.1846447	.0141941	.1959809	.0917341

Elem	Sr4077
Units	ppm
Avg	.2003885
Stddev	.0004755
%RSD	.2372938

#1	.2008656
#2	.2003852
#3	.1999146

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1981.517	4074.757	46097.31	8769.275	4646.075
Stddev	9.217	8.339	29.41	37.708	13.013
%RSD	.4651518	.2046387	.0638044	.4300054	.2800764

#1	1988.601	4065.930	46085.04	8802.541	4635.911
#2	1971.096	4082.500	46130.88	8728.312	4660.741
#3	1984.855	4075.841	46076.03	8776.971	4641.574

Sample Name: CCV037 Acquired: 3/13/2018 18:29:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV037 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.988871	4.940383	24.75878	5.108000	4.927087	411.2857	9.845342
Stddev	.036012	.043377	.06390	.004310	.005398	.6661	.042312
%RSD	.7218505	.8780189	.2580773	.0843799	.1095508	.1619472	.4297687

#1	4.950210	4.891958	24.70317	5.103063	4.927287	411.2203	9.800152
#2	4.994941	4.953511	24.74459	5.109923	4.921593	410.6547	9.884021
#3	5.021463	4.975681	24.82858	5.111014	4.932383	411.9820	9.851854

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4916572	2.513722	398.6082	15.14359	2.509851	14.62859	410.5432
Stddev	.0038302	.002025	1.3656	.03126	.005779	.05005	1.5244
%RSD	.7790454	.0805678	.3425811	.2064555	.2302608	.3421097	.3713089

#1	.4905584	2.511864	397.1520	15.10915	2.503902	14.57261	408.8587
#2	.4884964	2.513421	399.8601	15.15141	2.510208	14.66901	411.8277
#3	.4959167	2.515881	398.8126	15.17020	2.515444	14.64414	410.9432

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.36718	406.4817	2.519623	1.223335	412.9698	2.461796	13.89798
Stddev	.07204	1.0560	.004753	.007756	2.3835	.013345	.19074
%RSD	.5014432	.2597932	.1886556	.6340190	.5771710	.5420962	1.372406

#1	14.29577	405.2647	2.516528	1.220765	414.3826	2.454876	13.93917
#2	14.43984	407.0232	2.517244	1.217191	410.2179	2.453332	13.69001
#3	14.36592	407.1571	2.525096	1.232050	414.3090	2.477180	14.06475

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	146.0491	5.103512	4.803791	4.999682	5.249146	4.765430	4.987746
Stddev	.7405	.033080	.012361	.003372	.035964	.033551	.020630
%RSD	.5070009	.6481757	.2573261	.0674427	.6851338	.7040603	.4136218

#1	145.2959	5.066169	4.793525	4.997916	5.212539	4.764816	4.964636
#2	146.7762	5.115226	4.800335	5.003570	5.284430	4.732190	4.994297
#3	146.0753	5.129141	4.817512	4.997560	5.250469	4.799284	5.004306

Sample Name: CCV037 Acquired: 3/13/2018 18:29:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV037 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.881757	5.019374	4.979826
Stddev	.023008	.010896	.006225
%RSD	.4713103	.2170749	.1250025

#1	4.892630	5.018752	4.981225
#2	4.855327	5.008803	4.973020
#3	4.897313	5.030568	4.985232

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1590.479	3313.418	39543.13	8094.503	3385.411
Stddev	11.485	4.687	145.77	12.897	6.249
%RSD	.7221082	.1414540	.3686349	.1593263	.1845858

#1	1590.033	3312.896	39651.97	8105.146	3389.472
#2	1602.181	3318.345	39599.91	8080.161	3388.544
#3	1579.224	3309.015	39377.52	8098.200	3378.215

Sample Name: CCB037 Acquired: 3/13/2018 18:33:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB037 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000435	-.002393	.0001546	.0017445	-.002002	-.001950	-.001577
Stddev	.000452	.001260	.0010679	.0030122	.001477	.002862	.000461
%RSD	103.9861	52.68299	690.9082	172.6666	73.73664	146.7798	29.23917

#1	-.000576	-.000982	-.000520	.0035980	-.002546	-.005174	-.001060
#2	-.000800	-.002788	.001386	.0033666	-.000331	.000294	-.001725
#3	.000071	-.003408	-.000402	-.001731	-.003130	-.000970	-.001945

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000009	-.000042	.0071127	.0001055	-.000090	-.001500	-.001010
Stddev	.000047	.000039	.0046361	.0003032	.000105	.000201	.002209
%RSD	554.1347	93.49163	65.18131	287.3376	116.7189	13.39745	218.8624

#1	.000025	-.000027	.0087337	-.000235	.000031	-.001269	.000239
#2	.000012	-.000012	.0018837	.000205	-.000148	-.001595	-.003561
#3	-.000063	-.000086	.0107207	.000346	-.000152	-.001635	.000294

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000168	-.000476	-.000019	.0002869	-.031200	.0002192	-.001281
Stddev	.000205	.013072	.000093	.0003341	.074064	.0025042	.000711
%RSD	122.0412	2747.819	503.3543	116.4640	237.3825	1142.283	55.52009

#1	.000062	-.012401	-.000095	.0005772	.034702	-.001426	-.001547
#2	-.000332	-.002527	.000086	-.000078	-.111355	-.001018	-.001820
#3	-.000234	.013500	-.000046	.000362	-.016949	.003101	-.000475

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.047983	-.001345	-.002226	.0001293	-.031417	-.002374	.0001486
Stddev	.051214	.000596	.000341	.0001207	.002288	.000740	.0009601
%RSD	106.7339	44.31971	15.33158	93.35959	7.283045	31.19144	646.2913

#1	.007717	-.001258	-.002502	.0002511	-.030232	-.003225	.0008561
#2	-.058627	-.001979	-.002331	.0000097	-.029964	-.001882	-.000944
#3	-.093038	-.000797	-.001845	.0001270	-.034054	-.002014	.000534

Sample Name: CCB037 Acquired: 3/13/2018 18:33:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB037 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001177	.0004557	-.000006
Stddev	.000805	.0006573	.000020
%RSD	68.43186	144.2457	313.6817

#1	-.000989	-.000147	.000011
#2	-.000482	.001157	-.000028
#3	-.002059	.000358	-.000001

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2037.238	4196.396	47684.08	8890.575	4900.512
Stddev	13.868	16.753	154.44	56.802	29.159
%RSD	.6807284	.3992140	.3238774	.6389061	.5950199

#1	2034.283	4204.300	47505.78	8829.575	4916.150
#2	2052.345	4207.734	47770.71	8900.200	4918.517
#3	2025.085	4177.153	47775.76	8941.950	4866.870

Sample Name: J1609-10DL2X2 Acquired: 3/13/2018 18:37:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6H9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0881357	-.000182	2.487120	.0062018	.0059878	36.52182	14.45761
Stddev	.0037278	.000946	.007265	.0022602	.0010059	.07328	.06422
%RSD	4.229641	521.4103	.2921187	36.44419	16.79918	.2006481	.4442258

#1	.0881992	-.001074	2.481222	.0080167	.0070816	36.48477	14.44457
#2	.0918314	-.000281	2.484901	.0069186	.0057794	36.60622	14.40091
#3	.0843766	.000811	2.495235	.0036701	.0051024	36.47445	14.52735

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052022	.0036312	13.47160	.0921636	.0708124	.2095081	207.2689
Stddev	.0001413	.0001611	.02815	.0003210	.0001940	.0030443	1.4675
%RSD	2.715981	4.435556	.2089285	.3482498	.2739392	1.453076	.7080184

#1	.0050809	.0037096	13.47493	.0922145	.0706450	.2130187	207.8165
#2	.0051683	.0034460	13.49794	.0918203	.0707671	.2075957	208.3840
#3	.0053573	.0037381	13.44194	.0924561	.0710250	.2079098	205.6064

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.544775	8.182999	.0845355	-.012106	1.342782	.1928508	2.906282
Stddev	.021988	.080026	.0006607	.000261	.063803	.0045593	.024431
%RSD	.6202914	.9779494	.7816186	2.157242	4.751526	2.364171	.8406123

#1	3.551130	8.150172	.0845514	-.011903	1.287763	.1944003	2.878295
#2	3.562886	8.274219	.0838670	-.012401	1.327861	.1964334	2.923343
#3	3.520310	8.124608	.0851882	-.012015	1.412723	.1877186	2.917208

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.734046	2.905392	.0215707	.0075114	4.703954	10.90932	.0017136
Stddev	.047696	.031215	.0018811	.0001655	.037743	.06456	.0009121
%RSD	1.277333	1.074373	8.720465	2.203162	.8023648	.5917606	53.22605

#1	3.684642	2.883343	.0236236	.0073800	4.673741	10.91043	.0008567
#2	3.779828	2.891724	.0211588	.0076972	4.691861	10.97332	.0016117
#3	3.737668	2.941109	.0199297	.0074568	4.746262	10.84422	.0026723

Sample Name: J1609-10DL2X2 Acquired: 3/13/2018 18:37:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6H9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5674744	.0219484	.1396038
Stddev	.0025755	.0011852	.0004559
%RSD	.4538485	5.399781	.3265959

#1	.5645140	.0230220	.1396444
#2	.5687100	.0206766	.1400381
#3	.5691993	.0221465	.1391290

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2094.233	4267.839	49179.55	9346.696	4598.144
Stddev	14.882	5.156	160.90	54.198	1.225
%RSD	.7106395	.1208210	.3271761	.5798656	.0266357

#1	2098.812	4270.557	49268.68	9332.992	4599.551
#2	2077.599	4271.067	48993.80	9300.665	4597.558
#3	2106.288	4261.892	49276.16	9406.431	4597.322

Sample Name: J1614-15DL2X3 Acquired: 3/13/2018 18:42:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6Q7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0551792	.0003733	6.429195	.0020682	.0031852	56.81825	14.59822
Stddev	.0006714	.0007515	.015719	.0016825	.0006478	.21400	.13875
%RSD	1.216842	201.3260	.2444910	81.34807	20.33730	.3766309	.9504793

#1	.0544039	-.000492	6.447317	.0036125	.0024773	56.94147	14.52542
#2	.0555699	.000864	6.419260	.0023168	.0033300	56.94213	14.75823
#3	.0555638	.000747	6.421007	.0002753	.0037484	56.57115	14.51103

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060288	.0020782	38.32339	.0780983	.0683309	.1741148	158.2821
Stddev	.0000439	.0000858	.06690	.0006797	.0001425	.0025649	.2421
%RSD	.7283878	4.128640	.1745554	.8703295	.2085003	1.473120	.1529435

#1	.0059792	.0020961	38.30447	.0788613	.0683456	.1769172	158.0035
#2	.0060443	.0019848	38.39771	.0778761	.0681817	.1735435	158.4411
#3	.0060628	.0021536	38.26800	.0775575	.0684655	.1718837	158.4018

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.976478	24.56676	.0872326	-.008650	.9294153	.2236249	4.778039
Stddev	.005928	.05812	.0005276	.000106	.1387347	.0039721	.029567
%RSD	.1191295	.2365807	.6047767	1.227212	14.92710	1.776234	.6188068

#1	4.970421	24.50040	.0878412	-.008756	.7708059	.2198066	4.809862
#2	4.982269	24.60863	.0869501	-.008652	1.028204	.2277348	4.772838
#3	4.976744	24.59124	.0869064	-.008543	.989236	.2233335	4.751418

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.039064	1.312982	.0174035	.0038421	3.268467	11.51496	.0015503
Stddev	.101435	.004938	.0016490	.0003048	.008522	.02880	.0002747
%RSD	3.337701	.3761120	9.475253	7.932683	.2607221	.2501449	17.72066

#1	2.946605	1.315415	.0155395	.0035448	3.265937	11.53740	.0015578
#2	3.023025	1.316232	.0179991	.0038276	3.277967	11.52499	.0012718
#3	3.147563	1.307299	.0186720	.0041538	3.261496	11.48248	.0018211

Sample Name: J1614-15DL2X3 Acquired: 3/13/2018 18:42:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6Q7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4632386	.0326093	.0892298
Stddev	.0015901	.0006067	.0002727
%RSD	.3432506	1.860652	.3056233

#1	.4642350	.0326612	.0892775
#2	.4640759	.0331884	.0894755
#3	.4614048	.0319782	.0889364

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2163.628	4427.784	50958.92	9732.839	4542.585
Stddev	7.490	8.366	168.71	55.972	7.860
%RSD	.3461980	.1889389	.3310728	.5750815	.1730360

#1	2162.691	4419.302	50808.66	9746.376	4533.514
#2	2171.543	4436.028	51141.43	9671.341	4547.388
#3	2156.651	4428.024	50926.67	9780.801	4546.853

Sample Name: J1614-21DL2X3 Acquired: 3/13/2018 18:46:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6R3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0466932	-.000912	4.398769	.0043579	.0030098	59.14667	13.72779
Stddev	.0009389	.002629	.014001	.0013169	.0009294	.12080	.09782
%RSD	2.010793	288.2905	.3183001	30.21785	30.88037	.2042334	.7125415

#1	.0470468	.001226	4.386668	.0058785	.0019366	59.09004	13.62569
#2	.0474040	-.003847	4.395535	.0035880	.0035553	59.06459	13.73703
#3	.0456289	-.000115	4.414105	.0036073	.0035375	59.28538	13.82067

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049661	-.000051	11.83874	.0691347	.0741901	.0989220	112.9705
Stddev	.0000642	.000096	.03062	.0004746	.0001726	.0034668	.3169
%RSD	1.292186	187.5425	.2586830	.6865179	.2326274	3.504597	.2805231

#1	.0050396	-.000161	11.86607	.0689641	.0740326	.1028311	113.2603
#2	.0049373	.000019	11.80564	.0687689	.0743746	.0977145	113.0192
#3	.0049213	-.000012	11.84449	.0696710	.0741631	.0962204	112.6321

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.253572	8.437966	.0817628	-.007068	.8448948	.1970896	.7026656
Stddev	.014574	.012136	.0002088	.000238	.2120046	.0021144	.0088073
%RSD	.2774197	.1438301	.2553843	3.373554	25.09243	1.072798	1.253416

#1	5.270316	8.429003	.0816451	-.007299	1.066292	.1947609	.6925866
#2	5.243730	8.451777	.0816393	-.007082	.824660	.1976189	.7088796
#3	5.246671	8.433117	.0820039	-.006823	.643733	.1988890	.7065307

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.041722	1.609373	.0117589	.0045273	2.701104	12.50999	.0031214
Stddev	.030379	.007090	.0020820	.0000739	.019682	.06819	.0004093
%RSD	.6025456	.4405129	17.70622	1.631435	.7286791	.5450709	13.11117

#1	5.012066	1.612771	.0141530	.0044764	2.684881	12.45096	.0033622
#2	5.040323	1.614124	.0107516	.0044935	2.723000	12.58463	.0026489
#3	5.072775	1.601224	.0103721	.0046120	2.695431	12.49437	.0033532

Sample Name: J1614-21DL2X3 Acquired: 3/13/2018 18:46:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6R3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7943454	.0323859	.1300127
Stddev	.0035935	.0004297	.0000835
%RSD	.4523858	1.326876	.0642181

#1	.7927184	.0322479	.1300390
#2	.7918531	.0328677	.1299192
#3	.7984646	.0320422	.1300799

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2160.655	4422.510	50482.94	9634.230	4623.013
Stddev	14.270	8.855	323.40	31.267	9.664
%RSD	.6604400	.2002313	.6406076	.3245451	.2090498

#1	2151.982	4422.653	50175.17	9598.882	4634.006
#2	2152.858	4431.294	50453.68	9658.273	4619.180
#3	2177.124	4413.585	50819.97	9645.534	4615.853

Sample Name: J1841-18 Acquired: 3/13/2018 18:50:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMA5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000332	-.001004	.0017270	-.001843	-.001383	.0104895	.0142838
Stddev	.001264	.001431	.0006063	.000493	.000968	.0020453	.0004338
%RSD	380.5031	142.5901	35.10885	26.75456	69.97282	19.49824	3.036913

#1	-.001781	-.001580	.0010269	-.001460	-.001251	.0083846	.0144196
#2	.000242	.000626	.0020831	-.001670	-.000488	.0106144	.0137983
#3	.000542	-.002057	.0020709	-.002400	-.002410	.0124695	.0146334

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000366	-.000017	.1220168	.0004662	-.000065	-.000251	.0144610
Stddev	.0000356	.000061	.0055013	.0003656	.000078	.001198	.0031574
%RSD	97.21743	355.5295	4.508642	78.40795	119.3093	476.6427	21.83427

#1	.0000770	-.000025	.1172054	.0008884	.000010	.000231	.0143012
#2	.0000231	-.000074	.1208307	.0002594	-.000145	.000631	.0176952
#3	.0000097	.000048	.1280145	.0002510	-.000061	-.001616	.0113864

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003757	.0114809	.0001553	.0000076	.6450590	.0017163	-.000606
Stddev	.0003200	.0145779	.0002275	.0001729	.0984955	.0005646	.002789
%RSD	85.16494	126.9756	146.4659	2268.625	15.26923	32.89810	460.3672

#1	.0005132	.0190310	.0003114	-.000191	.6423478	.0015810	-.003328
#2	.0006039	.0207350	.0002602	.000124	.7448822	.0023363	-.000734
#3	.0000100	-.005323	-.000106	.000090	.5479471	.0012316	.002245

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.25805	-.001001	-.008826	.0000715	-.036883	.0163316	.0127273
Stddev	.04565	.000793	.000795	.0002020	.000807	.0006679	.0001082
%RSD	1.401164	79.25237	9.011512	282.3490	2.186889	4.089559	.8503228

#1	-3.29845	-.000090	-.009615	.0002563	-.035952	.0163191	.0126132
#2	-3.26718	-.001375	-.008024	-.000144	-.037370	.0170056	.0127402
#3	-3.20853	-.001537	-.008840	.000102	-.037327	.0156700	.0128285

Sample Name: J1841-18 Acquired: 3/13/2018 18:50:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMA5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000989	-.003537	.0002623
Stddev	.000462	.000797	.0000412
%RSD	46.76123	22.52921	15.69473

#1	-.000691	-.004383	.0002158
#2	-.000754	-.003427	.0002942
#3	-.001521	-.002801	.0002770

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2254.391	4617.424	51597.99	9423.558	5460.774
Stddev	6.787	23.030	154.69	41.374	25.061
%RSD	.3010362	.4987690	.2997899	.4390503	.4589272

#1	2249.013	4597.181	51646.22	9377.325	5432.019
#2	2252.145	4612.610	51424.94	9436.250	5472.334
#3	2262.016	4642.480	51722.82	9457.100	5477.968

Sample Name: J1837-16 Acquired: 3/13/2018 18:54:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F51 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000922	-.002124	.0006947	-.001007	-.000624	-.005952	.0001108
Stddev	.002421	.000848	.0002831	.002962	.000758	.003546	.0006628
%RSD	262.4084	39.93198	40.75436	294.0756	121.4671	59.57904	598.4233

#1	-.003315	-.002073	.0005917	-.003168	-.001168	-.010039	-.000162
#2	.001525	-.001303	.0010150	.002370	.000242	-.003697	-.000372
#3	-.000977	-.002997	.0004776	-.002224	-.000945	-.004119	.000866

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000722	.0000145	.0001056	-.000024	-.000043	-.001172	-.001652
Stddev	.0000271	.0000221	.0097003	.000131	.000133	.000782	.007944
%RSD	37.44416	153.0486	9184.303	557.5331	307.4568	66.73789	480.8906

#1	.0000744	.0000172	.0026437	-.000069	-.000063	-.001589	-.000808
#2	.0000982	-.000009	-.010611	-.000126	.000098	-.001659	-.009984
#3	.0000442	.000035	.008285	.000124	-.000165	-.000270	.005836

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000237	-.005866	.0000628	.0000639	.0750467	-.000089	-.001012
Stddev	.000151	.006285	.0004331	.0003283	.0909433	.005011	.001172
%RSD	63.53946	107.1532	689.1384	513.8904	121.1823	5617.172	115.8444

#1	-.000092	.000455	-.000437	-.000310	.1301539	-.003198	-.000101
#2	-.000393	-.012115	.000316	.000303	.1249080	-.002762	-.000601
#3	-.000227	-.005937	.000309	.000199	-.029922	.005692	-.002335

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.22427	-.001562	-.009330	.0000076	-.045203	-.001777	-.001029
Stddev	.02560	.000557	.000883	.0001361	.001881	.000535	.000464
%RSD	.7939558	35.61838	9.459741	1784.526	4.160836	30.11124	45.07790

#1	-3.20796	-.001493	-.010294	-.000113	-.047331	-.001771	-.000575
#2	-3.21108	-.001044	-.009136	.000155	-.043763	-.001245	-.001009
#3	-3.25378	-.002150	-.008561	-.000019	-.044516	-.002315	-.001502

Sample Name: J1837-16 Acquired: 3/13/2018 18:54:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6F51 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004704	-.003559	-.000078
Stddev	.0011151	.001580	.000032
%RSD	237.0424	44.39606	40.43957

#1	-.000733	-.003744	-.000050
#2	.001468	-.001895	-.000112
#3	.000676	-.005038	-.000073

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2202.578	4463.055	50549.69	9346.600	5292.510
Stddev	15.167	90.560	296.88	252.156	113.292
%RSD	.6886068	2.029101	.5873022	2.697834	2.140609

#1	2211.793	4491.290	50793.66	9632.325	5325.249
#2	2210.869	4536.133	50636.26	9252.250	5385.827
#3	2185.073	4361.741	50219.15	9155.225	5166.453

Sample Name: J1837-17 Acquired: 3/13/2018 18:58:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F52 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000851	-.002016	.0006018	-.002449	-.000585	-.010725	.0004817
Stddev	.001916	.000514	.0007117	.001457	.000372	.004857	.0002476
%RSD	225.2836	25.51620	118.2572	59.51089	63.56956	45.28160	51.39850

#1	.000346	-.001600	.0014014	-.003351	-.000160	-.005621	.0002307
#2	.000164	-.002591	.0000379	-.000768	-.000849	-.015288	.0007257
#3	-.003061	-.001856	.0003661	-.003228	-.000745	-.011267	.0004886

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000718	.0000264	-.009528	.0000308	.0000919	-.000556	-.001617
Stddev	.0000624	.0000300	.008846	.0001642	.0000404	.001379	.007710
%RSD	86.92171	113.8746	92.83762	533.9860	44.00251	247.9713	476.8482

#1	.0000393	.0000373	-.019726	-.000106	.0000671	.000984	.003038
#2	.0000323	.0000494	-.004929	.000213	.0001385	-.000974	-.010517
#3	.0001437	-.000008	-.003929	-.000015	.0000700	-.001679	.002628

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000266	.0117711	-.000045	-.000044	.2103276	-.000015	.0006374
Stddev	.000164	.0105275	.000168	.000150	.0385368	.002097	.0009915
%RSD	61.62572	89.43550	369.8891	343.4543	18.32229	14064.90	155.5401

#1	-.000126	.0108249	.000127	.000119	.2538720	-.000242	.0000311
#2	-.000226	.0227398	-.000054	-.000176	.1964931	-.001989	.0017816
#3	-.000447	.0017486	-.000208	-.000073	.1806178	.002186	.0000995

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.25432	-.002778	-.009416	.0000840	-.047903	-.002223	-.000966
Stddev	.06683	.001263	.000346	.0000684	.002042	.001607	.000378
%RSD	2.053489	45.46248	3.679275	81.43603	4.262677	72.29198	39.09915

#1	-3.22457	-.002956	-.009314	.0001525	-.047187	-.000489	-.001023
#2	-3.33085	-.003942	-.009131	.0000836	-.046315	-.002518	-.001312
#3	-3.20753	-.001435	-.009801	.0000158	-.050207	-.003662	-.000563

Sample Name: J1837-17 Acquired: 3/13/2018 18:58:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6F52 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000508	-.006296	-.000033
Stddev	.000234	.000362	.000058
%RSD	46.09457	5.752400	175.0530

#1	-.000744	-.005890	-.000015
#2	-.000275	-.006585	-.000098
#3	-.000506	-.006414	.000014

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2174.040	4542.162	50243.23	9340.317	5378.663
Stddev	68.556	15.300	1406.80	50.337	14.237
%RSD	3.153408	.3368540	2.799987	.5389222	.2646848

#1	2100.700	4537.702	48679.53	9291.775	5378.002
#2	2184.902	4559.198	50643.96	9392.275	5393.218
#3	2236.516	4529.588	51406.18	9336.900	5364.768

Sample Name: J1837-01 Acquired: 3/13/2018 19:02:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F08 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0233754	-.001710	2.521755	.0023430	.0037329	32.82601	.7746318
Stddev	.0030901	.000867	.003600	.0018634	.0018525	.05734	.0041674
%RSD	13.21927	50.72532	.1427538	79.52833	49.62639	.1746805	.5379882

#1	.0229526	-.001377	2.525830	.0004625	.0027813	32.87476	.7716836
#2	.0266551	-.001059	2.520430	.0041888	.0025496	32.84042	.7728122
#3	.0205185	-.002695	2.519006	.0023778	.0058678	32.76283	.7793996

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036977	.0777353	54.29568	.0735328	.0318962	.1388383	95.53993
Stddev	.0000660	.0002906	.22557	.0009382	.0001880	.0027373	.35620
%RSD	1.783896	.3738805	.4154403	1.275860	.5894165	1.971597	.3728232

#1	.0036429	.0780690	54.13325	.0739300	.0319435	.1369453	95.33806
#2	.0036793	.0775998	54.20056	.0724613	.0320561	.1419769	95.33052
#3	.0037709	.0775372	54.55323	.0742070	.0316891	.1375925	95.95121

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.366679	7.612245	.0499426	-.005338	.5294728	.1221380	13.74150
Stddev	.006277	.042559	.0003956	.000443	.1972834	.0015210	.08564
%RSD	.2652363	.5590900	.7921492	8.292673	37.26034	1.245273	.6232333

#1	2.365327	7.590733	.0502853	-.005847	.7171713	.1233560	13.67293
#2	2.361189	7.661266	.0500329	-.005043	.3238305	.1204333	13.71408
#3	2.373523	7.584735	.0495097	-.005124	.5474165	.1226248	13.83750

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.838350	1.473277	.0148603	.0024385	6.161157	8.473341	.0101883
Stddev	.036562	.013348	.0013776	.0002753	.039448	.043416	.0005424
%RSD	1.288159	.9060113	9.270270	11.28901	.6402717	.5123781	5.323739

#1	2.880102	1.485992	.0137573	.0021934	6.202203	8.523466	.0097062
#2	2.812053	1.474465	.0144191	.0027363	6.157740	8.449025	.0107756
#3	2.822896	1.459375	.0164044	.0023859	6.123529	8.447533	.0100831

Sample Name: J1837-01 Acquired: 3/13/2018 19:02:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F08 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3454017	.0253490	.1519387
Stddev	.0004847	.0002859	.0001027
%RSD	.1403380	1.128013	.0675606

#1	.3459535	.0253229	.1519215
#2	.3450442	.0256471	.1520489
#3	.3452076	.0250770	.1518457

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2042.510	4200.814	48280.58	9331.558	4556.135
Stddev	10.550	17.995	379.10	36.069	22.025
%RSD	.5165376	.4283716	.7851947	.3865307	.4834156

#1	2050.131	4180.886	48233.08	9290.960	4531.992
#2	2046.932	4205.680	48681.20	9343.806	4561.283
#3	2030.469	4215.875	47927.48	9359.908	4575.130

Sample Name: J1837-02 Acquired: 3/13/2018 19:06:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F09 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0169523	-.002381	.4111348	.0028260	.0008387	35.75354	.3837153
Stddev	.0012923	.000591	.0021047	.0018264	.0006850	.10800	.0012774
%RSD	7.623408	24.83367	.5119185	64.62826	81.67568	.3020778	.3329047

#1	.0169500	-.002209	.4121350	.0025901	.0012052	35.82000	.3851271
#2	.0182457	-.001895	.4125529	.0047589	.0012625	35.81170	.3826394
#3	.0156611	-.003039	.4087165	.0011290	.0000484	35.62892	.3833794

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037006	.0019344	9.908413	.0736201	.0332141	.0614362	70.57689
Stddev	.0001111	.0000599	.040546	.0009262	.0002748	.0008630	.18223
%RSD	3.001597	3.097546	.4092085	1.258031	.8272278	1.404624	.2582074

#1	.0036934	.0019283	9.941121	.0739587	.0331067	.0617626	70.68003
#2	.0038151	.0019971	9.863048	.0743294	.0335264	.0620884	70.68417
#3	.0035933	.0018777	9.921070	.0725723	.0330093	.0604577	70.36648

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8912514	3.500189	.0452564	-.004099	.6317577	.1262507	.6602977
Stddev	.0007259	.026274	.0002699	.000140	.1354456	.0032317	.0145371
%RSD	.0814451	.7506452	.5963298	3.418543	21.43948	2.559714	2.201592

#1	.8916998	3.497790	.0453883	-.004249	.7881143	.1288957	.6690263
#2	.8916405	3.475196	.0454349	-.003972	.5504219	.1272077	.6435163
#3	.8904139	3.527580	.0449459	-.004077	.5567370	.1226486	.6683504

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.770589	.8555480	.0084327	.0016049	1.755278	8.403123	.0043676
Stddev	.060622	.0046844	.0012074	.0000669	.013554	.026785	.0008872
%RSD	3.423815	.5475262	14.31862	4.169433	.7721617	.3187550	20.31314

#1	1.713738	.8585334	.0097966	.0016510	1.762907	8.413094	.0047290
#2	1.763645	.8579616	.0080011	.0015281	1.763296	8.423494	.0033567
#3	1.834384	.8501491	.0075003	.0016355	1.739629	8.372783	.0050170

Sample Name: J1837-02 Acquired: 3/13/2018 19:06:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6F09 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4044021	.0260345	.1067876
Stddev	.0015954	.0000918	.0001121
%RSD	.3945013	.3527024	.1050149

#1	.4061633	.0260014	.1068635
#2	.4039893	.0261383	.1068406
#3	.4030537	.0259638	.1066588

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2125.149	4391.977	50425.67	9635.330	4793.135
Stddev	12.056	27.516	81.68	48.419	32.526
%RSD	.5672886	.6265173	.1619855	.5025170	.6785957

#1	2137.362	4373.735	50497.09	9657.624	4773.887
#2	2124.829	4378.568	50443.31	9579.779	4774.830
#3	2113.257	4423.627	50336.61	9668.585	4830.689

Sample Name: J1837-03 Acquired: 3/13/2018 19:10:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0667683	-.003399	.0549790	.0089307	.0103592	69.39763	1.198196
Stddev	.0028818	.001137	.0015581	.0022084	.0002115	.20470	.006548
%RSD	4.316071	33.45121	2.834069	24.72838	2.041638	.2949612	.5465059

#1	.0687263	-.002263	.0540287	.0063857	.0101286	69.16199	1.192183
#2	.0634592	-.004537	.0541311	.0103424	.0105441	69.49945	1.197231
#3	.0681194	-.003397	.0567772	.0100641	.0104048	69.53145	1.205172

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0142465	-.005320	1.321792	.1837905	.1131740	.1865750	555.2035
Stddev	.0000709	.000259	.038135	.0009141	.0016106	.0026120	4.9900
%RSD	.4974516	4.868463	2.885137	.4973433	1.423110	1.399998	.8987752

#1	.0143205	-.005052	1.360995	.1846317	.1146745	.1856412	551.0636
#2	.0141792	-.005337	1.284822	.1839219	.1114722	.1845582	553.8028
#3	.0142399	-.005569	1.319558	.1828178	.1133751	.1895256	560.7443

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.072592	6.148765	.1056342	-.033962	5.039129	.4809041	.0068134
Stddev	.029044	.051223	.0014686	.000566	.136492	.0076426	.0046539
%RSD	.7131686	.8330573	1.390270	1.667330	2.708649	1.589224	68.30504

#1	4.045847	6.096977	.1073273	-.034553	4.882241	.4721176	.0117365
#2	4.068440	6.149913	.1048713	-.033909	5.104544	.4860101	.0024860
#3	4.103489	6.199404	.1047042	-.033425	5.130601	.4845846	.0062178

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.479648	.5755372	.0442809	.0002365	.9933761	12.40934	.0026591
Stddev	.031834	.0070371	.0047108	.0002199	.0111912	.04730	.0001795
%RSD	.9148606	1.222706	10.63843	92.99734	1.126584	.3811402	6.749813

#1	3.494271	.5786394	.0410380	.0000466	1.002390	12.37561	.0026574
#2	3.443130	.5674820	.0421203	.0001854	.980850	12.38902	.0024805
#3	3.501543	.5804902	.0496844	.0004774	.996888	12.46341	.0028394

Sample Name: J1837-03 Acquired: 3/13/2018 19:10:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6F10 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5153448	.0272566	.1969215
Stddev	.0044754	.0007359	.0008574
%RSD	.8684308	2.699780	.4354133

#1	.5107692	.0276785	.1962443
#2	.5197128	.0276844	.1966346
#3	.5155525	.0264069	.1978856

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2105.647	4369.403	49751.78	9596.041	4431.585
Stddev	9.857	48.510	95.56	62.087	53.184
%RSD	.4681297	1.110226	.1920770	.6470027	1.200112

#1	2094.268	4323.825	49666.22	9651.086	4378.756
#2	2111.108	4420.391	49854.90	9608.295	4485.117
#3	2111.564	4363.992	49734.22	9528.740	4430.881

Sample Name: J1841-01 Acquired: 3/13/2018 19:14:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM60 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8558144	.0007337	.5106946	.0168890	.1344802	81.50796
Stddev	.0057948	.0030395	.0069402	.0008168	.0018372	.19190
%RSD	.6771053	414.2544	1.358967	4.836352	1.366146	.2354429

#1	.8620802	.0042117	.5181297	.0177796	.1365853	81.30697
#2	.8506483	-.000598	.5043875	.0167125	.1336553	81.68926
#3	.8547146	-.001413	.5095667	.0161748	.1332001	81.52767

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.704761	.0332361	.0108049	161.8309	-.003931	.7990192
Stddev	.013610	.0003345	.0002934	1.1504	.000543	.0087326
%RSD	.5031729	1.006369	2.715292	.7108926	13.81674	1.092918

#1	2.696940	.0330806	.0110779	161.5574	-.004004	.8079169
#2	2.720476	.0336200	.0104947	163.0934	-.004435	.7904617
#3	2.696868	.0330077	.0108422	160.8418	-.003355	.7986789

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 32.49253	453.1053	24.86972	100.3976	1.263042	-.023366
Stddev	.18392	3.6373	.28033	.7264	.012715	.000340
%RSD	.5660518	.8027494	1.127194	.7234920	1.006733	1.454099

#1	32.42219	453.7670	24.86440	100.4761	1.275259	-.023057
#2	32.70125	456.3663	25.15267	101.0816	1.249881	-.023730
#3	32.35416	449.1826	24.59209	99.6352	1.263987	-.023312

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.633986	.0422627	.4294814	9.718494	6.116034	.0282870
Stddev	.125509	.0035941	.0050236	.046057	.106562	.0023571
%RSD	3.453751	8.504148	1.169680	.4739101	1.742346	8.332946

#1	3.681648	.0415801	.4326261	9.675261	6.231296	.0262972
#2	3.728683	.0461491	.4236878	9.766932	6.021099	.0308902
#3	3.491628	.0390588	.4321304	9.713290	6.095708	.0276737

Sample Name: J1841-01 Acquired: 3/13/2018 19:14:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM60 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0330986	19.79119	2.078035	.0050246	.1427419	.0719462
Stddev	.0001110	.36351	.018431	.0018834	.0002067	.0010463
%RSD	.3352403	1.836723	.8869247	37.48380	.1447900	1.454343

#1	.0331898	20.17341	2.068570	.0070476	.1425454	.0724241
#2	.0329751	19.44985	2.099275	.0047041	.1429574	.0726684
#3	.0331310	19.75031	2.066261	.0033219	.1427228	.0707463

Elem	Sr4077
Units	ppm
Avg	.4555432
Stddev	.0006991
%RSD	.1534676

#1	.4552151
#2	.4563460
#3	.4550686

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2876.039	5850.414	68839.98	13474.02	4024.987
Stddev	8.202	18.038	265.54	80.00	35.354
%RSD	.2851785	.3083145	.3857303	.5937660	.8783560

#1	2869.679	5831.622	68761.61	13484.38	3988.790
#2	2873.142	5867.589	68622.45	13389.33	4059.432
#3	2885.296	5852.030	69135.88	13548.33	4026.738

Sample Name: J1841-02 Acquired: 3/13/2018 19:18:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM71 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2127020	-.009520	9.973268	.0133069	.0030440	92.64717
Stddev	.0042246	.002382	.038050	.0032654	.0008772	.20063
%RSD	1.986178	25.01544	.3815166	24.53944	28.81651	.2165571

#1	.2143101	-.011305	9.969442	.0156555	.0031974	92.41550
#2	.2079095	-.010441	9.937277	.0095780	.0021002	92.76217
#3	.2158865	-.006816	10.01309	.0146871	.0038343	92.76383

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.201910	.0239350	.0125684	96.37285	.5379868	.1534997
Stddev	.008372	.0002591	.0004391	.19260	.0022171	.0008198
%RSD	.2614772	1.082603	3.493828	.1998495	.4121167	.5340688

#1	3.209913	.0236674	.0127557	96.39057	.5404985	.1533556
#2	3.193212	.0239531	.0120667	96.55598	.5363017	.1527616
#3	3.202606	.0241847	.0128828	96.17200	.5371603	.1543820

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.097419	F 990.2976	13.20691	23.58701	.2103696	-.060542
Stddev	.005438	4.4480	.07899	.09395	.0007713	.001165
%RSD	.4955542	.4491586	.5981204	.3983312	.3666271	1.923658

#1	1.102335	995.4146	13.28979	23.68408	.2109346	-.060445
#2	1.091577	988.1217	13.13249	23.58043	.2094910	-.059429
#3	1.098346	987.3564	13.19844	23.49652	.2106834	-.061752

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.209693	.4789027	7.349600	3.294101	8.187330	^ *****
Stddev	.177203	.0043396	.031558	.039700	.038773	-----
%RSD	2.457839	.9061537	.4293830	1.205184	.4735699	-----

#1	7.280821	.4811897	7.356680	3.308335	8.220192	^ -----
#2	7.007978	.4816204	7.377016	3.249247	8.144567	^ -----
#3	7.340282	.4738979	7.315103	3.324722	8.197232	^ -----

Sample Name: J1841-02 Acquired: 3/13/2018 19:18:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM71 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0210453	5.006445	4.544549	6.902016	1.110532	.1002679
Stddev	.0001548	.045790	.054268	.027017	.003825	.0002101
%RSD	.7355204	.9146166	1.194140	.3914300	.3444559	.2094958

#1	.0212116	5.046797	4.547587	6.922976	1.106267	.1005079
#2	.0209054	4.956681	4.488826	6.871525	1.113661	.1001781
#3	.0210188	5.015858	4.597235	6.911545	1.111667	.1001176

Elem	Sr4077
Units	ppm
Avg	.4348991
Stddev	.0002473
%RSD	.0568680

#1	.4347170
#2	.4347995
#3	.4351806

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2122.126	4388.820	50971.16	10107.50	4162.566
Stddev	11.420	24.097	163.98	30.52	7.024
%RSD	.5381525	.5490583	.3217030	.3019496	.1687473

#1	2109.658	4370.716	50805.34	10110.99	4157.208
#2	2132.079	4416.171	50974.93	10136.13	4170.518
#3	2124.641	4379.574	51133.22	10075.39	4159.972

Sample Name: J1841-03 Acquired: 3/13/2018 19:22:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM72 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1160952	-.010185	.6177617	.0110958	.0138387	94.97902	.5147394
Stddev	.0002678	.003908	.0030613	.0034882	.0023497	.45351	.0002193
%RSD	.2307027	38.36542	.4955501	31.43716	16.97923	.4774856	.0425965

#1	.1162321	-.005899	.6156664	.0148252	.0165515	94.53689	.5149879
#2	.1157866	-.013550	.6163439	.0079135	.0124403	94.95708	.5146572
#3	.1162669	-.011105	.6212749	.0105486	.0125243	95.44311	.5145732

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0204081	-.003089	10.28058	.7016445	.1447780	.0813550	633.2774
Stddev	.0002519	.000250	.20095	.0022247	.0011324	.0032977	2.2394
%RSD	1.234049	8.107388	1.954626	.3170693	.7821679	4.053476	.3536238

#1	.0206872	-.003378	10.50681	.7035649	.1453916	.0838586	635.6993
#2	.0203393	-.002932	10.21210	.7021618	.1434712	.0776185	631.2816
#3	.0201979	-.002958	10.12282	.6992067	.1454712	.0825880	632.8514

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.142787	7.559736	.0672615	-.038568	3.720209	.8658975	.7406345
Stddev	.023359	.038761	.0009770	.000530	.016591	.0021636	.0069676
%RSD	.3270258	.5127236	1.452611	1.374705	.4459590	.2498617	.9407667

#1	7.139249	7.592626	.0667527	-.039158	3.739133	.8657574	.7486800
#2	7.121399	7.569579	.0666439	-.038417	3.708166	.8638075	.7366001
#3	7.167713	7.517003	.0683880	-.038130	3.713329	.8681278	.7366234

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.989475	2.604340	.0238991	.0069181	.7455149	2.077982	.0613879
Stddev	.016186	.007790	.0081476	.0002281	.0091167	.013499	.0004667
%RSD	1.635811	.2991160	34.09191	3.297397	1.222872	.6496272	.7603180

#1	-.977861	2.600962	.0309529	.0071647	.7353818	2.093555	.0615053
#2	-.982601	2.598810	.0149808	.0067146	.7481110	2.069618	.0617847
#3	-1.00796	2.613249	.0257635	.0068751	.7530521	2.070773	.0608737

Sample Name: J1841-03 Acquired: 3/13/2018 19:22:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM72 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5297209	.0265203	.0856032
Stddev	.0032910	.0007647	.0002760
%RSD	.6212662	2.883478	.3224322

#1	.5266651	.0257472	.0853093
#2	.5292926	.0265373	.0856433
#3	.5332051	.0272763	.0858569

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2230.974	4572.554	52639.57	10087.07	4393.906
Stddev	19.189	8.911	314.48	20.60	12.111
%RSD	.8601244	.1948714	.5974221	.2042649	.2756232

#1	2217.014	4581.041	52302.26	10102.76	4403.278
#2	2252.856	4573.349	52924.69	10094.70	4398.208
#3	2223.053	4563.273	52691.75	10063.73	4380.231

Sample Name: J1841-04 Acquired: 3/13/2018 19:26:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM73 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6083175	-.004913	4.293632	.0144269	.0103383	87.99512
Stddev	.0080030	.003347	.001793	.0019939	.0008867	.11557
%RSD	1.315590	68.12568	.0417527	13.82037	8.577115	.1313411

#1	.6063144	-.001429	4.295548	.0162081	.0100689	87.91568
#2	.6015064	-.005205	4.291995	.0147996	.0096176	88.12771
#3	.6171318	-.008104	4.293353	.0122730	.0113285	87.94197

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.871058	.0242567	.0154378	54.13010	.5091170	.2048117
Stddev	.004642	.0001388	.0003495	.13261	.0022423	.0004000
%RSD	.1616853	.5723297	2.263994	.2449841	.4404378	.1953080

#1	2.868813	.0241957	.0150386	54.27950	.5077556	.2048313
#2	2.876395	.0244156	.0155862	54.02633	.5117051	.2044022
#3	2.867964	.0241588	.0156887	54.08447	.5078904	.2052015

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8121738	F 1103.554	14.75048	15.02361	.2193067	-.068127
Stddev	.0034391	3.459	.04122	.15168	.0011225	.000922
%RSD	.4234409	.3134675	.2794767	1.009601	.5118260	1.353024

#1	.8098272	1107.544	14.79808	15.19875	.2198617	-.068767
#2	.8105727	1101.708	14.72717	14.93622	.2180148	-.068544
#3	.8161215	1101.408	14.72619	14.93585	.2200435	-.067071

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.374922	.6075139	7.420895	2.405400	6.611777	^ *****
Stddev	.142504	.0037322	.089006	.045689	.015844	-----
%RSD	1.932277	.6143484	1.199390	1.899454	.2396337	-----

#1	7.228021	.6085340	7.452883	2.355595	6.602809	^ -----
#2	7.384167	.6106301	7.489486	2.445373	6.602452	^ -----
#3	7.512578	.6033777	7.320317	2.415233	6.630071	^ -----

Sample Name: J1841-04 Acquired: 3/13/2018 19:26:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM73 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0195363	4.151178	3.693346	3.804315	1.170832	.0925990
Stddev	.0003421	.031963	.021527	.016638	.001221	.0012207
%RSD	1.751069	.7699783	.5828579	.4373551	.1042839	1.318222

#1	.0198151	4.131949	3.715337	3.792643	1.169515	.0932544
#2	.0191545	4.133510	3.672315	3.796935	1.171053	.0933520
#3	.0196392	4.188075	3.692388	3.823367	1.171927	.0911906

Elem	Sr4077
Units	ppm
Avg	.4301747
Stddev	.0003865
%RSD	.0898404

#1	.4300846
#2	.4305982
#3	.4298412

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2067.979	4245.401	49126.71	9607.454	4030.347
Stddev	13.173	6.163	201.13	41.305	4.281
%RSD	.6370084	.1451798	.4094033	.4299243	.1062204

#1	2055.434	4242.777	49137.16	9597.158	4035.057
#2	2066.802	4252.442	48920.56	9652.933	4029.292
#3	2081.702	4240.984	49322.41	9572.271	4026.693

Sample Name: J1841-05 Acquired: 3/13/2018 19:30:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM74 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2191641	-.011834	5.520508	.0145933	.0196135	90.91394
Stddev	.0038581	.003317	.024204	.0031076	.0015116	.72438
%RSD	1.760383	28.03181	.4384429	21.29446	7.707098	.7967801

#1	.2149571	-.012911	5.524203	.0156462	.0212846	90.30801
#2	.2199983	-.014479	5.494668	.0170377	.0183414	91.71627
#3	.2225369	-.008112	5.542651	.0110961	.0192146	90.71753

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.880642	.0220243	.0153732	54.43129	.6705861	.1560395
Stddev	.010656	.0004384	.0002796	.29571	.0034920	.0010945
%RSD	.2183400	1.990488	1.818580	.5432671	.5207391	.7013966

#1	4.873080	.0220259	.0154717	54.10929	.6707226	.1566150
#2	4.892830	.0224619	.0150576	54.69067	.6670280	.1547774
#3	4.876018	.0215851	.0155901	54.49392	.6740080	.1567261

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8149413	F 877.4297	12.00041	15.65888	.1970915	-.052611
Stddev	.0065946	1.9886	.01675	.13524	.0010275	.000705
%RSD	.8092131	.2266424	.1395988	.8636507	.5213486	1.340049

#1	.8145073	875.1498	11.98163	15.51227	.1978557	-.051797
#2	.8217422	878.3321	12.00579	15.68563	.1959234	-.053005
#3	.8085745	878.8071	12.01381	15.77875	.1974953	-.053030

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.740393	.7132607	6.816732	2.144263	7.797795	^ *****
Stddev	.341145	.0024495	.094130	.067440	.016035	-----
%RSD	5.942890	.3434218	1.380866	3.145116	.2056341	-----

#1	6.091065	.7121007	6.717847	2.072636	7.781825	^ -----
#2	5.720465	.7160747	6.905248	2.206540	7.797667	^ -----
#3	5.409648	.7116067	6.827101	2.153612	7.813895	^ -----

Sample Name: J1841-05 Acquired: 3/13/2018 19:30:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM74 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0150162	4.335797	2.942615	2.463843	1.083462	.0822896
Stddev	.0000921	.007614	.036145	.010737	.002610	.0002875
%RSD	.6135208	.1755997	1.228313	.4357832	.2409198	.3494221

#1	.0149193	4.331184	2.923062	2.460256	1.080939	.0819775
#2	.0151026	4.331623	2.984324	2.455359	1.086151	.0825437
#3	.0150268	4.344585	2.920459	2.475915	1.083297	.0823475

Elem	Sr4077
Units	ppm
Avg	.3314557
Stddev	.0020456
%RSD	.6171568

#1	.3294033
#2	.3334945
#3	.3314692

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2142.356	4362.941	50838.86	9933.112	4183.318
Stddev	6.296	31.591	145.76	39.128	22.312
%RSD	.2938622	.7240655	.2867101	.3939167	.5333514

#1	2149.163	4364.050	50975.34	9950.225	4183.283
#2	2141.161	4393.962	50855.92	9888.343	4205.647
#3	2136.743	4330.811	50685.32	9960.769	4161.024

Sample Name: J1841-06 Acquired: 3/13/2018 19:34:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM75 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0423341	.0009851	.1452739	.0075128	.0037657	49.12328	.4775648
Stddev	.0018338	.0008404	.0021233	.0017911	.0009488	.04474	.0026109
%RSD	4.331842	85.31286	1.461579	23.84015	25.19721	.0910856	.5467127

#1	.0404313	.0011052	.1475646	.0095746	.0048482	49.13982	.4784723
#2	.0424808	.0000911	.1433717	.0063414	.0030781	49.15739	.4796009
#3	.0440902	.0017591	.1448854	.0066225	.0033707	49.07262	.4746212

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069838	-.000046	7.417468	.1400644	.0554519	.0396218	117.8632
Stddev	.0001606	.000060	.022283	.0002943	.0002206	.0030798	.5248
%RSD	2.300156	128.5619	.3004179	.2101403	.3978057	7.773064	.4452655

#1	.0071637	-.000097	7.391799	.1403980	.0553398	.0360788	117.9999
#2	.0069329	-.000061	7.431843	.1399538	.0553098	.0416591	118.3061
#3	.0068547	.000019	7.428761	.1398413	.0557060	.0411276	117.2835

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.894668	2.650330	.0331959	-.006991	.6223687	.1315699	.2033097
Stddev	.016627	.041664	.0002180	.000255	.1682880	.0039266	.0028826
%RSD	.4269207	1.572042	.6566848	3.653427	27.03992	2.984434	1.417839

#1	3.898698	2.631311	.0333056	-.006781	.4625128	.1322506	.2032067
#2	3.908909	2.698110	.0329448	-.006916	.7979806	.1273474	.2004799
#3	3.876396	2.621570	.0333372	-.007275	.6066125	.1351117	.2062424

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.705835	1.177139	.0080159	.0034539	.6845431	2.313454	.0061016
Stddev	.054725	.009187	.0026127	.0002397	.0058998	.007687	.0010047
%RSD	7.753230	.7804158	32.59405	6.938450	.8618530	.3322765	16.46566

#1	-.646683	1.170362	.0050260	.0037096	.6875411	2.319835	.0071589
#2	-.754662	1.173461	.0098595	.0032345	.6777463	2.304920	.0059862
#3	-.716159	1.187595	.0091622	.0034175	.6883418	2.315606	.0051596

Sample Name: J1841-06 Acquired: 3/13/2018 19:34:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM75 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2602815	.0164254	.0423959
Stddev	.0022856	.0002977	.0000784
%RSD	.8781298	1.812621	.1848695

#1	.2588494	.0165206	.0424249
#2	.2590777	.0160917	.0424557
#3	.2629174	.0166639	.0423072

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2259.755	4588.619	52897.56	9991.286	4715.539
Stddev	5.871	11.247	146.97	31.683	23.108
%RSD	.2598172	.2451075	.2778325	.3171066	.4900297

#1	2261.944	4590.705	52961.83	9954.795	4719.230
#2	2264.217	4598.677	53001.44	10007.27	4736.578
#3	2253.104	4576.475	52729.40	10011.79	4690.808

Sample Name: J1841-07 Acquired: 3/13/2018 19:38:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM76 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0982263	-.001061	.7623485	.0065403	.0079849	58.46045	.6728727
Stddev	.0009952	.001257	.0036262	.0019673	.0012853	.01590	.0008676
%RSD	1.013148	118.4176	.4756611	30.07916	16.09628	.0271941	.1289365

#1	.0992266	-.001671	.7602315	.0064561	.0076122	58.47702	.6734100
#2	.0972364	.000384	.7602785	.0085484	.0069273	58.45898	.6733363
#3	.0982159	-.001896	.7665356	.0046165	.0094154	58.44533	.6718718

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074257	.0026177	19.00192	.1827650	.0601899	.1504433	210.8285
Stddev	.0000525	.0001008	.01889	.0006998	.0004186	.0012732	.3761
%RSD	.7070099	3.849568	.0993909	.3828827	.6954479	.8462862	.1783709

#1	.0073700	.0025562	18.98930	.1822033	.0604239	.1499927	210.3969
#2	.0074743	.0027340	19.02363	.1835489	.0597067	.1494568	211.0857
#3	.0074329	.0025627	18.99282	.1825427	.0604392	.1518805	211.0030

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.812115	5.255358	.0535570	-.012300	1.290821	.2104061	1.352968
Stddev	.011334	.011881	.0002850	.000396	.168319	.0020066	.011072
%RSD	.2973266	.2260754	.5320527	3.215571	13.03967	.9536914	.8183224

#1	3.799042	5.259900	.0536237	-.012755	1.393413	.2115953	1.359227
#2	3.819182	5.264298	.0532446	-.012035	1.382483	.2080893	1.359493
#3	3.818122	5.241876	.0538027	-.012111	1.096565	.2115337	1.340185

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2074477	2.626428	.0151178	.0071544	1.703824	2.579075	.0475772
Stddev	.0411558	.006734	.0038006	.0001186	.013261	.023139	.0006952
%RSD	19.83912	.2563880	25.13993	1.658180	.7782946	.8971672	1.461220

#1	.1931160	2.621497	.0116547	.0070623	1.698889	2.600987	.0482847
#2	.2538532	2.623686	.0191838	.0072883	1.693738	2.581358	.0475519
#3	.1753739	2.634100	.0145148	.0071125	1.718845	2.554879	.0468950

Sample Name: J1841-07 Acquired: 3/13/2018 19:38:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM76 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4627539	.0441850	.0922276
Stddev	.0018704	.0012645	.0002817
%RSD	.4041830	2.861863	.3053938

#1	.4605952	.0427325	.0919138
#2	.4637761	.0447823	.0924585
#3	.4638904	.0450403	.0923105

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2163.475	4416.157	50707.12	9667.855	4639.520
Stddev	11.016	1.520	180.98	14.887	12.248
%RSD	.5091641	.0344178	.3569120	.1539860	.2640035

#1	2153.617	4415.620	50790.80	9652.670	4631.481
#2	2175.365	4417.873	50831.12	9682.425	4653.617
#3	2161.442	4414.979	50499.45	9668.472	4633.463

Sample Name: J1841-08 Acquired: 3/13/2018 19:43:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM77 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1785309	.0023796	.8725950	.0108333	.0119623	75.15685	.9618843
Stddev	.0030530	.0001738	.0066706	.0013213	.0029254	.10409	.0025003
%RSD	1.710057	7.302475	.7644523	12.19645	24.45490	.1385002	.2599378

#1	.1791239	.0023158	.8665816	.0093515	.0110256	75.27367	.9645277
#2	.1812439	.0022468	.8714333	.0118888	.0096200	75.07395	.9595572
#3	.1752249	.0025762	.8797702	.0112595	.0152414	75.12293	.9615679

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079698	.0029293	100.6713	.6815727	.0629268	.2057613	245.8982
Stddev	.0000506	.0000731	.0881	.0035673	.0001227	.0014333	.0277
%RSD	.6351579	2.495804	.0875615	.5233855	.1949630	.6965931	.0112447

#1	.0079177	.0030135	100.7645	.6784590	.0628827	.2050652	245.9273
#2	.0079729	.0028933	100.5893	.6807942	.0628322	.2074098	245.8951
#3	.0080188	.0028813	100.6602	.6854649	.0630654	.2048090	245.8722

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.80158	15.46869	.0737509	-.014982	2.140113	.7980782	1.647742
Stddev	.01405	.04122	.0003126	.000392	.063038	.0075592	.009113
%RSD	.0889108	.2664520	.4238847	2.616937	2.945540	.9471805	.5530400

#1	15.81757	15.44174	.0734613	-.015354	2.203090	.8066739	1.652692
#2	15.79595	15.51613	.0737090	-.014573	2.077014	.7950945	1.637225
#3	15.79122	15.44818	.0740823	-.015019	2.140234	.7924661	1.653307

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.447332	4.741198	.0730548	.0098006	3.395755	3.367090	.0471121
Stddev	.044052	.025772	.0018484	.0001607	.007980	.032957	.0004977
%RSD	1.277847	.5435771	2.530205	1.639567	.2349876	.9787954	1.056381

#1	3.409122	4.712016	.0717086	.0096206	3.386950	3.388998	.0475592
#2	3.495515	4.760837	.0751623	.0098514	3.402508	3.329188	.0465759
#3	3.437360	4.750742	.0722934	.0099297	3.397808	3.383085	.0472012

Sample Name: J1841-08 Acquired: 3/13/2018 19:43:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAM77 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.649737	.0846262	.2801909
Stddev	.003892	.0004536	.0003355
%RSD	.1468865	.5360523	.1197239

#1	2.653634	.0849044	.2798102
#2	2.645850	.0841027	.2804431
#3	2.649727	.0848715	.2803195

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2093.370	4277.314	49620.76	9653.113	4349.909
Stddev	5.941	17.135	222.15	19.482	21.411
%RSD	.2837862	.4006004	.4476973	.2018176	.4922153

#1	2097.401	4289.299	49787.77	9675.055	4370.376
#2	2096.162	4284.955	49705.86	9637.847	4351.687
#3	2086.548	4257.688	49368.64	9646.437	4327.665

Sample Name: J1841-09 Acquired: 3/13/2018 19:47:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM78 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1282748	.0005786	5.517533	.0172148	.0152469	176.4324
Stddev	.0010903	.0050611	.028899	.0027904	.0004865	.5348
%RSD	.8499667	874.7075	.5237661	16.20915	3.190567	.3031031

#1	.1289058	-.001068	5.496785	.0142361	.0147278	176.5419
#2	.1270159	-.003454	5.505273	.0197680	.0153208	175.8514
#3	.1289028	.006258	5.550541	.0176402	.0156922	176.9040

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.345298	.0142516	.0137518	467.4779	1.371387	.0637858
Stddev	.008842	.0000294	.0002296	.5664	.005484	.0006120
%RSD	.2643040	.2064122	1.669802	.1211587	.3998890	.9594002

#1	3.335122	.0142847	.0135172	466.8852	1.373660	.0631826
#2	3.351104	.0142415	.0137619	468.0137	1.365132	.0644062
#3	3.349668	.0142285	.0139761	467.5349	1.375369	.0637686

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4153621	400.4517	F 59.05190	114.6183	.0843767	-.025296
Stddev	.0019790	1.4250	.18733	.1702	.0007494	.000478
%RSD	.4764448	.3558510	.3172371	.1484782	.8882079	1.890666

#1	.4135086	399.1823	58.94991	114.4261	.0835953	-.025515
#2	.4151314	401.9931	59.26810	114.7499	.0850895	-.025626
#3	.4174463	400.1797	58.93769	114.6788	.0844452	-.024747

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.683692	2.179958	3.447164	16.67313	14.30792	.2430314
Stddev	.080989	.023056	.011289	.07358	.14712	.0056786
%RSD	1.424930	1.057652	.3274800	.4412890	1.028239	2.336585

#1	5.599534	2.180570	3.435195	16.71141	14.13943	.2376202
#2	5.690453	2.156601	3.457621	16.71967	14.41093	.2489442
#3	5.761087	2.202702	3.448675	16.58830	14.37341	.2425298

Sample Name: J1841-09 Acquired: 3/13/2018 19:47:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM78 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076559	8.102111	.9950752	.6660145	19.13455	.3339284
Stddev	.0002961	.098972	.0068239	.0037829	.09856	.0018921
%RSD	3.867239	1.221558	.6857642	.5679857	.5150775	.5666260

#1	.0073244	7.999123	.9978614	.6625906	19.15851	.3350095
#2	.0078942	8.110702	1.000065	.6653773	19.02623	.3317437
#3	.0077491	8.196507	.987299	.6700755	19.21893	.3350322

Elem	Sr4077
Units	ppm
Avg	1.209539
Stddev	.001268
%RSD	.1048119

#1	1.208779
#2	1.211002
#3	1.208835

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2047.731	4135.218	48584.65	9792.555	3750.175
Stddev	18.461	15.638	103.39	25.414	18.725
%RSD	.9015369	.3781575	.2128012	.2595202	.4993163

#1	2054.446	4136.624	48682.65	9821.820	3764.901
#2	2026.852	4150.104	48476.60	9779.794	3756.522
#3	2061.894	4118.924	48594.71	9776.050	3729.101

Sample Name: J1841-10 Acquired: 3/13/2018 19:51:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM79 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3495232	.0010243	3.329851	.0146495	.0074422	70.91977	3.392571
Stddev	.0019434	.0011151	.014302	.0022803	.0006709	.09743	.009322
%RSD	.5560227	108.8620	.4294945	15.56550	9.014505	.1373749	.2747848

#1	.3517670	.0019816	3.326724	.0142718	.0066705	71.02555	3.401763
#2	.3483710	.0012913	3.317371	.0170951	.0077695	70.90005	3.383123
#3	.3484316	-.000200	3.345457	.0125817	.0078866	70.83371	3.392827

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091730	.0088163	52.54932	.2312150	.0549985	.3422985	234.4708
Stddev	.0000885	.0000121	.23658	.0006769	.0004099	.0008079	1.0655
%RSD	.9647046	.1374633	.4502067	.2927497	.7453606	.2360125	.4544101

#1	.0090726	.0088066	52.68077	.2307692	.0550602	.3429257	234.6339
#2	.0092071	.0088299	52.27621	.2319939	.0545612	.3413869	233.3332
#3	.0092394	.0088124	52.69099	.2308820	.0553741	.3425828	235.4453

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.252201	10.37298	.0982387	-.012372	2.519503	.2617731	4.156746
Stddev	.026287	.07612	.0007837	.000279	.052871	.0047477	.023777
%RSD	.6182034	.7338507	.7977596	2.253756	2.098481	1.813675	.5720187

#1	4.260214	10.40725	.0985025	-.012421	2.577461	.2647577	4.182812
#2	4.222840	10.28574	.0973571	-.012623	2.473910	.2562983	4.151183
#3	4.273550	10.42593	.0988564	-.012072	2.507140	.2642632	4.136244

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.726512	12.19900	.0346209	.0139500	11.19779	2.316704	.0787425
Stddev	.083746	.11848	.0037265	.0002808	.08132	.020060	.0006604
%RSD	1.771836	.9712629	10.76372	2.012643	.7262383	.8658829	.8387160

#1	4.643758	12.27493	.0389237	.0140662	11.23584	2.302704	.0788323
#2	4.724561	12.06247	.0325073	.0136298	11.10442	2.307723	.0780418
#3	4.811216	12.25961	.0324319	.0141539	11.25312	2.339686	.0793535

Sample Name: J1841-10 Acquired: 3/13/2018 19:51:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAM79 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7477745	.0790444	.4456845
Stddev	.0017353	.0012332	.0001444
%RSD	.2320669	1.560189	.0324117

#1	.7482697	.0804345	.4456931
#2	.7492085	.0786169	.4455360
#3	.7458454	.0780818	.4458245

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2189.287	4441.671	51272.67	9878.267	4555.887
Stddev	3.512	18.718	159.26	18.377	19.041
%RSD	.1604113	.4214072	.3106053	.1860341	.4179370

#1	2185.829	4451.789	51219.24	9879.366	4561.416
#2	2192.850	4453.152	51147.00	9896.070	4571.551
#3	2189.182	4420.072	51451.77	9859.366	4534.694

Sample Name: J1841-11 Acquired: 3/13/2018 19:55:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM79D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3581993	.0005309	3.615359	.0115574	.0087975	71.04641	3.558535
Stddev	.0043168	.0031884	.056456	.0029209	.0008471	.14090	.007288
%RSD	1.205148	600.6097	1.561571	25.27328	9.629186	.1983177	.2047981

#1	.3626034	-.001806	3.680512	.0140929	.0096201	71.18143	3.555444
#2	.3539754	-.000764	3.580885	.0083634	.0088447	71.05751	3.566859
#3	.3580192	.004163	3.584680	.0122157	.0079278	70.90029	3.553302

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091597	.0094580	51.48758	.2338463	.0574924	.3479885	231.0626
Stddev	.0002259	.0003171	.11913	.0025232	.0009870	.0011475	.6500
%RSD	2.465833	3.352872	.2313751	1.079004	1.716751	.3297464	.2813106

#1	.0092964	.0098157	51.38087	.2352561	.0586088	.3489074	230.3435
#2	.0092836	.0092115	51.61611	.2353496	.0571328	.3483558	231.6084
#3	.0088989	.0093468	51.46577	.2309333	.0567356	.3467023	231.2358

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.226459	10.09839	.1024585	-.012357	2.717011	.2623399	4.316996
Stddev	.013479	.04894	.0017983	.000506	.069667	.0009727	.063434
%RSD	.3189171	.4846636	1.755131	4.090743	2.564118	.3707873	1.469406

#1	4.210951	10.04222	.1045205	-.012935	2.789867	.2613605	4.352669
#2	4.235347	10.13187	.1016398	-.012141	2.710124	.2623534	4.243757
#3	4.233081	10.12107	.1012152	-.011996	2.651044	.2633058	4.354562

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.972643	12.44108	.0306210	.0145919	11.60336	2.321808	.0828752
Stddev	.050884	.15843	.0047045	.0003719	.15608	.028160	.0016306
%RSD	1.023289	1.273406	15.36366	2.548981	1.345163	1.212839	1.967587

#1	5.031321	12.62400	.0254618	.0149745	11.78358	2.353631	.0847049
#2	4.940678	12.35089	.0346735	.0142317	11.51521	2.300114	.0815756
#3	4.945929	12.34833	.0317276	.0145695	11.51129	2.311679	.0823450

Sample Name: J1841-11 Acquired: 3/13/2018 19:55:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM79D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7444950	.0804030	.4501348
Stddev	.0009571	.0001113	.0007527
%RSD	.1285629	.1383870	.1672057

#1	.7454729	.0804139	.4502463
#2	.7435601	.0802867	.4508254
#3	.7444518	.0805084	.4493326

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2197.877	4348.494	51660.76	9827.477	4438.971
Stddev	17.734	57.063	176.89	39.255	68.294
%RSD	.8068603	1.312241	.3424093	.3994406	1.538512

#1	2190.735	4283.102	51457.60	9833.118	4360.120
#2	2218.068	4388.190	51780.62	9785.707	4479.421
#3	2184.828	4374.192	51744.07	9863.607	4477.370

Sample Name: J1841-12 Acquired: 3/13/2018 19:59:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM79S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4276248	.1104325	3.475090	.1136843	.2015106	74.88353	7.436645
Stddev	.0021243	.0007503	.025074	.0004152	.0026506	.18776	.019189
%RSD	.4967657	.6794093	.7215305	.3652149	1.315341	.2507417	.2580358

#1	.4279154	.1107591	3.455444	.1132620	.1998725	75.04525	7.451383
#2	.4253701	.1109643	3.466496	.1140920	.2000906	74.92773	7.443604
#3	.4295888	.1095743	3.503331	.1136990	.2045686	74.67761	7.414947

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1074937	.1195545	51.31003	.6513414	1.134581	.8530680	230.3072
Stddev	.0002111	.0009000	.07798	.0026117	.010068	.0018541	.5027
%RSD	.1963392	.7527770	.1519782	.4009769	.8874100	.2173387	.2182879

#1	.1073439	.1187999	51.39978	.6512511	1.125573	.8550138	230.8449
#2	.1074021	.1193130	51.25882	.6487761	1.132721	.8528683	230.2276
#3	.1077350	.1205506	51.27149	.6539972	1.145450	.8513219	229.8490

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.210057	10.06431	1.189308	.0815083	2.580901	1.307597	5.210403
Stddev	.025614	.06413	.008572	.0001655	.115939	.003900	.033735
%RSD	.4916256	.6371697	.7207364	.2030556	4.492176	.2982224	.6474496

#1	5.234871	10.13186	1.180931	.0814105	2.477112	1.308923	5.194420
#2	5.211587	10.05679	1.188931	.0814151	2.706026	1.310661	5.249159
#3	5.183712	10.00427	1.198062	.0816994	2.559564	1.303208	5.187630

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.932158	12.14091	.0290087	.0137495	11.14179	2.310813	.0801021
Stddev	.025617	.08185	.0026680	.0001069	.06286	.004883	.0021756
%RSD	.5193821	.6741780	9.197398	.7773921	.5641446	.2112910	2.716020

#1	4.961341	12.05928	.0262567	.0137226	11.09221	2.316062	.0807980
#2	4.921752	12.14047	.0315840	.0138672	11.12067	2.309973	.0776637
#3	4.913383	12.22299	.0291852	.0136586	11.21249	2.306405	.0818446

Sample Name: J1841-12 Acquired: 3/13/2018 19:59:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM79S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7472604	.0823378	.4448178
Stddev	.0035107	.0011617	.0005026
%RSD	.4698056	1.410884	.1129854

#1	.7512779	.0834526	.4453560
#2	.7447836	.0824263	.4447365
#3	.7457195	.0811343	.4443608

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2146.494	4345.370	50269.61	9551.899	4440.877
Stddev	7.107	22.378	113.34	28.716	29.845
%RSD	.3310935	.5149779	.2254566	.3006304	.6720488

#1	2146.404	4367.133	50345.89	9521.389	4469.156
#2	2139.433	4346.553	50139.38	9578.400	4443.794
#3	2153.646	4322.425	50323.56	9555.908	4409.681

Sample Name: J1841-10LX5 Acquired: 3/13/2018 20:02:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM79L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0828779	.0002088	.7870937	.0034890	.0016202	17.41093	.8477740
Stddev	.0023832	.0007062	.0016042	.0006749	.0005856	.03187	.0011837
%RSD	2.875539	338.1514	.2038186	19.34498	36.14296	.1830432	.1396243

#1	.0840844	-.000330	.7879146	.0030573	.0022180	17.41020	.8478286
#2	.0801327	.001008	.7852451	.0031429	.0015948	17.44315	.8489294
#3	.0844165	-.000052	.7881213	.0042668	.0010477	17.37943	.8465639

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023683	.0017999	12.85657	.0582478	.0124156	.0856289	57.70007
Stddev	.0000738	.0000267	.03651	.0010284	.0001742	.0010442	.09608
%RSD	3.115887	1.480646	.2840136	1.765541	1.403202	1.219493	.1665213

#1	.0023058	.0017963	12.84627	.0580212	.0126121	.0856896	57.59328
#2	.0024497	.0017753	12.82631	.0593706	.0122801	.0845556	57.72739
#3	.0023494	.0018282	12.89713	.0573516	.0123546	.0866414	57.77953

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.062557	2.477104	.0213486	-.003178	.5553910	.0656980	1.029909
Stddev	.003127	.026744	.0001866	.000142	.0340187	.0029033	.007958
%RSD	.2942697	1.079641	.8742660	4.469881	6.125185	4.419237	.7726658

#1	1.059967	2.468151	.0212594	-.003043	.5891287	.0623567	1.034094
#2	1.061674	2.507176	.0212233	-.003166	.5559461	.0671316	1.034902
#3	1.066031	2.455985	.0215631	-.003326	.5210981	.0676058	1.020732

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.137330	2.696209	.0001924	.0033873	2.415263	.5785269	.0187794
Stddev	.013274	.008175	.0016472	.0000274	.005022	.0113201	.0011299
%RSD	1.167077	.3032060	856.3211	.8087881	.2079186	1.956717	6.016573

#1	1.138983	2.704091	-.001623	.0034134	2.409469	.5902944	.0198111
#2	1.123307	2.687769	.000607	.0033588	2.418378	.5775716	.0175720
#3	1.149699	2.696768	.001593	.0033896	2.417940	.5677147	.0189551

Sample Name: J1841-10LX5 Acquired: 3/13/2018 20:02:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM79L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1848772	.0187526	.1101582
Stddev	.0009855	.0015523	.0001134
%RSD	.5330364	8.277516	.1029000

#1	.1846376	.0169612	.1100437
#2	.1859604	.0195969	.1102703
#3	.1840336	.0196998	.1101606

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2012.467	4192.299	46922.95	8787.637	4662.543
Stddev	22.754	17.054	304.65	26.692	16.579
%RSD	1.130628	.4067924	.6492582	.3037442	.3555801

#1	2005.439	4178.297	46955.17	8757.032	4646.315
#2	1994.057	4211.291	46603.47	8806.094	4679.452
#3	2037.906	4187.309	47210.21	8799.785	4661.862

Sample Name: CCV038 Acquired: 3/13/2018 20:06:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV038 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.795529	4.748390	23.96990	4.814581	4.772180	404.2246
Stddev	.037068	.041460	.05580	.029716	.018568	.4286
%RSD	.7729611	.8731434	.2327995	.6172092	.3890973	.1060312

#1	4.771015	4.708415	23.96001	4.795950	4.780527	403.7667
#2	4.777400	4.745564	23.91971	4.798942	4.750902	404.6161
#3	4.838172	4.791190	24.02999	4.848851	4.785110	404.2909

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.564058	.4808908	2.401346	390.6200	14.68087	2.412410
Stddev	.030747	.0009473	.011385	.8475	.03868	.008045
%RSD	.3214818	.1969900	.4740939	.2169668	.2634399	.3334784

#1	9.541559	.4817591	2.394837	389.9265	14.72523	2.409070
#2	9.599092	.4798805	2.394708	391.5647	14.66321	2.406573
#3	9.551523	.4810328	2.414491	390.3687	14.65418	2.421587

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.45867	393.6351	14.05754	390.3232	2.409487	1.176295
Stddev	.03799	1.7128	.03927	1.0459	.008194	.006985
%RSD	.2627752	.4351162	.2793758	.2679676	.3400764	.5938341

#1	14.42640	393.6200	14.04129	390.4293	2.406110	1.181471
#2	14.50055	395.3554	14.10233	391.3120	2.403521	1.168350
#3	14.44907	391.9299	14.02900	389.2282	2.418830	1.179065

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	401.6214	2.422224	F 12.92869	144.7561	4.917624	4.685129
Stddev	.7805	.006163	.16412	.3007	.044987	.011895
%RSD	.1943357	.2544310	1.269431	.2077181	.9148099	.2538843

#1	401.6976	2.417546	12.92776	144.5048	4.868048	4.696765
#2	400.8055	2.419918	12.76503	145.0892	4.928976	4.672991
#3	402.3609	2.429207	13.09327	144.6742	4.955847	4.685633

Sample Name: CCV038 Acquired: 3/13/2018 20:06:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV038 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.729497	4.934518	4.716746	4.780493	4.787128	4.871522
Stddev	.029384	.053555	.014354	.032176	.000351	.013154
%RSD	.6212818	1.085307	.3043129	.6730697	.0073335	.2700161

#1	4.720859	4.891584	4.729948	4.753921	4.786727	4.858737
#2	4.705401	4.917443	4.701467	4.771290	4.787281	4.870812
#3	4.762231	4.994529	4.718822	4.816268	4.787377	4.885016

Elem	Sr4077
Units	ppm
Avg	4.829118
Stddev	.021936
%RSD	.4542401

#1	4.804074
#2	4.844920
#3	4.838362

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1672.542	3438.620	40794.62	8170.878	3504.582
Stddev	6.749	12.858	148.94	27.519	9.808
%RSD	.4035028	.3739360	.3651067	.3367949	.2798699

#1	1670.181	3438.339	40662.22	8177.436	3510.698
#2	1680.154	3451.616	40955.88	8140.672	3509.778
#3	1667.291	3425.904	40765.76	8194.525	3493.268

Sample Name: CCB038 Acquired: 3/13/2018 20:10:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB038 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001218	-.002332	-.000078	-.000025	.0001208	.0092202	-.000720
Stddev	.002567	.001806	.000618	.001821	.0009518	.0021269	.000283
%RSD	210.6737	77.41906	789.3349	7385.526	788.1160	23.06729	39.34522

#1	-.003798	-.001226	-.000426	.001338	-.000721	.0069956	-.000965
#2	-.001191	-.001355	.000636	.000681	.001154	.0112336	-.000785
#3	.001335	-.004416	-.000445	-.002093	-.000071	.0094314	-.000410

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000160	-.000004	.0108328	.0002286	-.000107	.0007246	.0109724
Stddev	.0000436	.000045	.0053081	.0002463	.000078	.0010723	.0086227
%RSD	272.4244	1095.847	49.00048	107.7635	72.66840	147.9871	78.58488

#1	.0000132	.000036	.0169251	-.000056	-.000052	.0004343	.0167286
#2	.0000610	.000004	.0083696	.000363	-.000196	-.000173	.0010587
#3	-.000026	-.000053	.0072038	.000379	-.000073	.001912	.0151300

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000944	.0318214	-.000181	.0001509	-.111344	-.002074	-.000436
Stddev	.0003282	.0241966	.000061	.0000610	.212349	.002541	.002454
%RSD	347.5038	76.03863	33.97883	40.43929	190.7139	122.5213	563.0110

#1	.0003840	.0068625	-.000156	.0000805	-.355669	.000511	-.002231
#2	.0001612	.0551758	-.000251	.0001881	.028741	-.004570	.002361
#3	-.000262	.0334259	-.000135	.0001841	-.007105	-.002163	-.001437

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.201969	-.001534	-.005257	.0002744	-.032055	-.002786	-.000495
Stddev	.027172	.000544	.000532	.0001345	.003316	.000787	.000227
%RSD	13.45370	35.47007	10.11684	49.02231	10.34432	28.25861	45.81481

#1	-.190722	-.001128	-.005843	.0004132	-.034013	-.002672	-.000570
#2	-.232959	-.001321	-.004805	.0002653	-.033925	-.002061	-.000674
#3	-.182225	-.002152	-.005124	.0001446	-.028226	-.003623	-.000240

Sample Name: CCB038 Acquired: 3/13/2018 20:10:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB038 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005033	-.000086	.0000440
Stddev	.0010548	.000756	.0000746
%RSD	209.5821	881.2102	169.4727

#1	.0016442	.000755	.0001291
#2	-.000437	-.000305	.0000133
#3	.000302	-.000708	-.000010

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2084.859	4265.555	48368.69	8787.450	4970.675
Stddev	12.432	11.759	242.07	35.283	15.117
%RSD	.5963161	.2756722	.5004585	.4015167	.3041294

#1	2078.263	4268.770	48408.21	8795.850	4960.729
#2	2077.116	4275.372	48109.30	8748.725	4988.072
#3	2099.200	4252.523	48588.57	8817.775	4963.225

Sample Name: J1841-13 Acquired: 3/13/2018 20:14:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM80 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1931535	.0030184	2.384923	.0093934	.0092405	73.76681	2.736883
Stddev	.0029678	.0004994	.021627	.0015958	.0008106	.29985	.006766
%RSD	1.536504	16.54553	.9068291	16.98812	8.772579	.4064787	.2472254

#1	.1947337	.0032696	2.408394	.0084654	.0101697	74.06614	2.741845
#2	.1949967	.0024433	2.380578	.0112361	.0088740	73.76785	2.739629
#3	.1897299	.0033423	2.365799	.0084788	.0086778	73.46645	2.729176

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097612	.0127026	80.76984	.3272896	.0676087	.3933251	228.3474
Stddev	.0001834	.0002015	.32588	.0013208	.0006423	.0010621	1.1442
%RSD	1.879018	1.586625	.4034633	.4035542	.9500628	.2700323	.5010829

#1	.0098978	.0129267	80.84509	.3274560	.0683502	.3921210	228.2913
#2	.0098330	.0125362	81.05150	.3285193	.0672548	.3937254	229.5186
#3	.0095527	.0126449	80.41292	.3258935	.0672212	.3941289	227.2323

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.013542	13.75689	.0996732	-.002942	2.227419	.3043463	5.284574
Stddev	.039074	.09985	.0008473	.000313	.025291	.0034314	.072451
%RSD	.5571170	.7258006	.8500965	10.64211	1.135431	1.127475	1.370983

#1	6.998919	13.77818	.1005685	-.003283	2.226577	.3081638	5.299378
#2	7.057818	13.84438	.0988839	-.002873	2.202559	.3033567	5.205865
#3	6.983889	13.64811	.0995672	-.002668	2.253120	.3015184	5.348479

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.209593	9.430918	.0464951	.0120610	3.549052	4.226128	.1702302
Stddev	.032934	.085816	.0065279	.0004277	.019458	.063288	.0015650
%RSD	1.026123	.9099465	14.04003	3.546006	.5482537	1.497531	.9193155

#1	3.245616	9.412910	.0439474	.0125381	3.554957	4.268649	.1720368
#2	3.202135	9.355534	.0416252	.0117120	3.527326	4.256340	.1693624
#3	3.181027	9.524309	.0539127	.0119329	3.564873	4.153396	.1692914

Sample Name: J1841-13 Acquired: 3/13/2018 20:14:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM80 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.566133	.0915954	.4630065
Stddev	.005002	.0007678	.0022481
%RSD	.3194096	.8382954	.4855402

#1	1.569174	.0924551	.4650393
#2	1.560360	.0909777	.4633883
#3	1.568866	.0913534	.4605920

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2181.394	4479.492	50563.35	9356.070	4515.250
Stddev	14.659	27.884	276.81	76.386	34.327
%RSD	.6719901	.6224865	.5474505	.8164283	.7602545

#1	2165.831	4447.765	50379.52	9326.245	4476.709
#2	2194.939	4490.604	50881.72	9299.097	4526.502
#3	2183.412	4500.108	50428.83	9442.869	4542.539

Sample Name: J1841-14 Acquired: 3/13/2018 20:18:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMA1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1117313	-.002118	4.897258	.0054490	.0069172	60.40486	1.910147
Stddev	.0007023	.003360	.006808	.0021011	.0006730	.05586	.008889
%RSD	.6285391	158.6615	.1390126	38.56018	9.729746	.0924772	.4653340

#1	.1116136	-.005685	4.898739	.0049115	.0071883	60.34270	1.906478
#2	.1124850	-.001654	4.889832	.0036688	.0061510	60.42102	1.920282
#3	.1110953	.000986	4.903204	.0077667	.0074125	60.45086	1.903680

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060616	.0051799	201.6295	.1768950	.0478857	.2333948	155.9403
Stddev	.0000771	.0000041	1.5212	.0016443	.0004790	.0018614	1.4288
%RSD	1.271279	.0782178	.7544589	.9295263	1.000302	.7975313	.9162566

#1	.0059807	.0051844	200.7559	.1750120	.0473441	.2315634	155.2187
#2	.0061341	.0051764	203.3860	.1776256	.0480595	.2352848	157.5860
#3	.0060700	.0051790	200.7464	.1780474	.0482536	.2333360	155.0162

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.811925	60.19840	.0629834	-.008477	1.400037	.1944639	4.237376
Stddev	.040894	.31741	.0001553	.000598	.041779	.0007289	.072966
%RSD	1.072786	.5272710	.2465826	7.050532	2.984162	.3748369	1.721973

#1	3.792174	60.09786	.0628661	-.009003	1.433728	.1936229	4.284183
#2	3.858945	60.55390	.0631595	-.007827	1.353288	.1948549	4.153302
#3	3.784656	59.94343	.0629247	-.008602	1.413096	.1949140	4.274642

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.077202	4.963642	.0321337	.0073044	4.605059	3.359129	.1532209
Stddev	.085117	.007333	.0009393	.0000966	.014020	.030076	.0015108
%RSD	2.087641	.1477357	2.922987	1.322707	.3044369	.8953364	.9860467

#1	4.008166	4.971050	.0328817	.0073770	4.620003	3.369103	.1539011
#2	4.172304	4.956386	.0324398	.0073415	4.592197	3.382951	.1542720
#3	4.051135	4.963491	.0310796	.0071948	4.602977	3.325334	.1514895

Sample Name: J1841-14 Acquired: 3/13/2018 20:18:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMA1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7591776	.0618299	.2997107
Stddev	.0018907	.0009831	.0005467
%RSD	.2490490	1.590037	.1824057

#1	.7573919	.0625162	.2992921
#2	.7611582	.0607036	.3003292
#3	.7589826	.0622698	.2995107

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2055.585	4120.753	47757.70	8977.639	4185.413
Stddev	17.357	10.959	198.12	102.865	3.929
%RSD	.8443702	.2659571	.4148401	1.145792	.0938773

#1	2036.692	4119.925	47605.74	9035.768	4181.416
#2	2070.824	4132.103	47981.78	8858.869	4189.271
#3	2059.238	4110.231	47685.58	9038.280	4185.551

Sample Name: J1841-15 Acquired: 3/13/2018 20:22:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMA2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1100047	-.000061	2.397810	.0059307	.0077644	58.46283	2.044175
Stddev	.0009611	.003557	.011453	.0008287	.0005039	.30530	.002840
%RSD	.8736570	5871.316	.4776358	13.97237	6.489325	.5222193	.1389456

#1	.1105116	-.000546	2.391303	.0055728	.0077518	58.11059	2.046967
#2	.1106061	.003714	2.391093	.0068781	.0082745	58.65133	2.044269
#3	.1088963	-.003350	2.411034	.0053411	.0072670	58.62658	2.041288

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074779	.0094082	83.89489	.2359860	.0605141	.3378548	190.2514
Stddev	.0001031	.0000680	.15544	.0011369	.0004865	.0020116	.6879
%RSD	1.378389	.7226255	.1852831	.4817739	.8039231	.5954038	.3615525

#1	.0074844	.0094088	83.97084	.2363201	.0604324	.3356107	191.0196
#2	.0073717	.0093399	83.99775	.2347195	.0600736	.3384576	189.6924
#3	.0075776	.0094759	83.71607	.2369184	.0610363	.3394960	190.0422

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.500401	16.66065	.0800313	-.009620	1.625095	.1901033	4.350884
Stddev	.007371	.06085	.0003324	.000090	.033092	.0050046	.072840
%RSD	.1637844	.3652560	.4153735	.9366733	2.036309	2.632562	1.674135

#1	4.506396	16.69803	.0804038	-.009719	1.610336	.1883862	4.339966
#2	4.502636	16.69349	.0799254	-.009596	1.662999	.1861832	4.428566
#3	4.492172	16.59043	.0797647	-.009544	1.601951	.1957404	4.284119

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.377580	9.365423	.0256387	.0088758	4.652942	2.050893	.0869637
Stddev	.047367	.077077	.0075374	.0004186	.048951	.021945	.0009370
%RSD	1.402391	.8229934	29.39839	4.716528	1.052034	1.070021	1.077464

#1	3.323472	9.300977	.0312761	.0092733	4.617696	2.049537	.0860034
#2	3.397714	9.344487	.0285625	.0084388	4.632296	2.029658	.0878756
#3	3.411554	9.450805	.0170775	.0089152	4.708833	2.073485	.0870121

Sample Name: J1841-15 Acquired: 3/13/2018 20:22:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAMA2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5921398	.0511419	.2857060
Stddev	.0020819	.0008437	.0009691
%RSD	.3515893	1.649777	.3392026

#1	.5900073	.0502824	.2846076
#2	.5941671	.0519689	.2864408
#3	.5922449	.0511745	.2860695

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2169.932	4313.974	50097.15	9174.881	4468.776
Stddev	22.014	18.343	274.56	57.164	17.205
%RSD	1.014515	.4252086	.5480632	.6230458	.3849937

#1	2163.411	4319.302	49930.87	9201.034	4476.384
#2	2151.916	4329.063	49946.51	9214.289	4480.866
#3	2194.471	4293.556	50414.06	9109.319	4449.080

Sample Name: J1841-16 Acquired: 3/13/2018 20:26:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMA3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0941836	.0004787	1.633871	.0056833	.0035660	62.76584	1.270000
Stddev	.0014956	.0008440	.004468	.0026575	.0009758	.24276	.006978
%RSD	1.587979	176.2907	.2734852	46.75953	27.36329	.3867673	.5494229

#1	.0933022	.0010149	1.630896	.0036017	.0028382	62.75301	1.262355
#2	.0959105	-.000494	1.631709	.0086767	.0031851	62.52975	1.276026
#3	.0933382	.000915	1.639010	.0047717	.0046748	63.01475	1.271619

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069051	.0070653	194.8445	.1586962	.0467383	.2314285	162.2229
Stddev	.0000824	.0002080	1.2045	.0009586	.0002742	.0029345	1.3984
%RSD	1.193364	2.943496	.6181897	.6040651	.5866056	1.268004	.8620510

#1	.0069005	.0072475	193.5324	.1586918	.0464313	.2280985	160.6707
#2	.0068251	.0068387	195.9001	.1577397	.0469587	.2336365	163.3846
#3	.0069898	.0071096	195.1010	.1596570	.0468249	.2325505	162.6135

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.255336	56.68142	.0807356	-.009353	1.994997	.1922941	4.442965
Stddev	.031761	.37986	.0000481	.000469	.197167	.0049764	.081672
%RSD	.9756523	.6701609	.0595174	5.019501	9.883079	2.587887	1.838241

#1	3.223665	56.25260	.0807150	-.009496	1.934809	.1975775	4.537271
#2	3.287186	56.97569	.0807013	-.009735	2.215243	.1916090	4.395306
#3	3.255158	56.81596	.0807905	-.008829	1.834938	.1876958	4.396319

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.433466	4.448261	.0148403	.0084515	5.621826	1.975662	.3995960
Stddev	.099380	.012912	.0045081	.0001857	.009901	.029144	.0018177
%RSD	4.083886	.2902689	30.37719	2.197759	.1761206	1.475143	.4548781

#1	2.318855	4.452613	.0183815	.0083651	5.620144	1.945274	.3980270
#2	2.495735	4.433735	.0163738	.0086647	5.612874	1.978336	.3991730
#3	2.485807	4.458435	.0097655	.0083247	5.632461	2.003377	.4015878

Sample Name: J1841-16 Acquired: 3/13/2018 20:26:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAMA3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4279575	.0587611	.3109117
Stddev	.0021447	.0007518	.0009509
%RSD	.5011522	1.279422	.3058251

#1	.4274205	.0594565	.3100937
#2	.4261323	.0579634	.3106865
#3	.4303197	.0588633	.3119550

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2173.115	4291.352	49926.05	9158.946	4378.695
Stddev	3.460	8.891	113.39	89.488	9.034
%RSD	.1592323	.2071887	.2271215	.9770513	.2063135

#1	2172.813	4289.592	49806.38	9254.467	4376.472
#2	2169.815	4300.992	49939.87	9145.317	4388.633
#3	2176.716	4283.473	50031.90	9077.056	4370.980

Sample Name: J1841-17 Acquired: 3/13/2018 20:30:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMA4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0904092	.0015180	1.778202	.0067888	.0076052	49.08676	1.566693
Stddev	.0021258	.0006577	.003503	.0027609	.0017396	.83217	.022582
%RSD	2.351250	43.32859	.1969858	40.66761	22.87308	1.695314	1.441402

#1	.0880258	.0010583	1.780942	.0089077	.0060802	49.59864	1.578046
#2	.0910928	.0022714	1.774255	.0077922	.0072356	48.12655	1.540687
#3	.0921091	.0012243	1.779409	.0036666	.0094999	49.53509	1.581346

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058372	.0107405	57.55443	.1693411	.0480986	.4168283	157.0880
Stddev	.0001421	.0000535	.83136	.0007971	.0001792	.0065008	1.7781
%RSD	2.434048	.4982072	1.444471	.4707116	.3726571	1.559587	1.131940

#1	.0058836	.0107902	57.95927	.1684211	.0482123	.4234868	157.6869
#2	.0056777	.0107475	56.59820	.1698262	.0478920	.4104976	155.0877
#3	.0059503	.0106838	58.10582	.1697760	.0481915	.4165004	158.4894

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.425281	6.922252	.0892576	-.008134	1.247901	.1669648	4.290303
Stddev	.067419	.059712	.0001586	.000341	.196850	.0026276	.037501
%RSD	1.523492	.8626032	.1777336	4.195497	15.77451	1.573714	.8740787

#1	4.450776	6.903094	.0893289	-.008528	1.258837	.1664888	4.314985
#2	4.348832	6.874471	.0893681	-.007921	1.045811	.1646079	4.247149
#3	4.476234	6.989192	.0890758	-.007954	1.439055	.1697979	4.308773

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.184011	9.523388	.0249654	.0104111	4.270628	1.772197	.0717100
Stddev	.063625	.077172	.0018231	.0002311	.042300	.039213	.0006513
%RSD	2.913208	.8103399	7.302651	2.219807	.9904802	2.212695	.9082487

#1	2.209138	9.458011	.0258544	.0102198	4.223897	1.803432	.0724615
#2	2.111659	9.608516	.0261735	.0106679	4.306300	1.728190	.0713599
#3	2.231234	9.503637	.0228683	.0103456	4.281686	1.784970	.0713087

Sample Name: J1841-17 Acquired: 3/13/2018 20:30:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMA4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5456399	.0502788	.3118035
Stddev	.0111809	.0001680	.0047868
%RSD	2.049137	.3342059	1.535183

#1	.5491992	.0502906	.3145756
#2	.5331126	.0501052	.3062762
#3	.5546078	.0504406	.3145586

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2220.966	4425.877	51078.64	9331.349	4699.499
Stddev	6.669	6.975	47.46	137.673	7.950
%RSD	.3002886	.1575972	.0929220	1.475383	.1691607

#1	2216.930	4421.015	51131.40	9280.469	4695.346
#2	2228.664	4433.869	51065.10	9487.220	4708.665
#3	2217.303	4422.748	51039.42	9226.358	4694.485

Sample Name: J1842-04 Acquired: 3/13/2018 20:34:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM92 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1572150	.0022485	4.789246	.0044804	.0235429	74.82628	2.572306
Stddev	.0020451	.0038602	.014161	.0036212	.0013216	.11167	.002095
%RSD	1.300817	171.6815	.2956898	80.82310	5.613596	.1492442	.0814620

#1	.1572422	.0038096	4.783066	.0062790	.0221961	74.70080	2.572121
#2	.1551564	-.002148	4.779225	.0068501	.0235947	74.91473	2.574488
#3	.1592463	.005084	4.805447	.0003120	.0248378	74.86332	2.570309

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0133940	.0110099	135.5797	.2467578	.0761377	.9624524	330.3706
Stddev	.0000292	.0000876	.2082	.0009420	.0005221	.0110900	.4883
%RSD	.2182153	.7955590	.1535905	.3817594	.6857326	1.152265	.1477973

#1	.0133744	.0109176	135.5177	.2457770	.0767064	.9496839	330.8935
#2	.0133800	.0110204	135.8120	.2476556	.0756800	.9696808	329.9266
#3	.0134276	.0110919	135.4096	.2468408	.0760267	.9679925	330.2917

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.963658	31.54904	.1333128	-.017117	3.114513	.2682146	6.549238
Stddev	.013318	.08852	.0005187	.000564	.080549	.0028754	.114644
%RSD	.1672305	.2805784	.3890603	3.295884	2.586263	1.072038	1.750487

#1	7.948597	31.64899	.1329054	-.017530	3.069937	.2649764	6.644440
#2	7.968496	31.51760	.1331364	-.017346	3.207497	.2704688	6.581297
#3	7.973880	31.48054	.1338967	-.016474	3.066104	.2691985	6.421978

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.473476	11.94271	.0500101	.0113523	7.020756	2.812535	1.645345
Stddev	.026867	.03175	.0050209	.0002369	.027400	.072208	.006399
%RSD	.3595036	.2658248	10.03988	2.087112	.3902781	2.567378	.3889164

#1	7.442752	11.95635	.0526035	.0115555	7.045039	2.888544	1.647844
#2	7.492561	11.90642	.0532041	.0110920	6.991049	2.744848	1.638074
#3	7.485116	11.96536	.0442228	.0114095	7.026179	2.804214	1.650118

Sample Name: J1842-04 Acquired: 3/13/2018 20:34:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM92 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8663715	.0862660	.4301878
Stddev	.0019077	.0004109	.0006766
%RSD	.2202004	.4763738	.1572895

#1	.8643298	.0860233	.4294756
#2	.8666763	.0867405	.4302654
#3	.8681086	.0860343	.4308222

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2328.978	4606.478	53539.59	9846.783	4471.882
Stddev	24.265	6.827	256.66	68.217	5.052
%RSD	1.041880	.1482015	.4793752	.6927801	.1129722

#1	2307.957	4599.508	53384.32	9912.575	4470.501
#2	2323.445	4606.772	53398.62	9851.399	4477.480
#3	2355.531	4613.152	53835.84	9776.376	4467.663

Sample Name: J1842-05 Acquired: 3/13/2018 20:38:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM93 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1576532	.0065423	4.687848	.0048631	.0177405	79.67501	3.665384
Stddev	.0014611	.0007591	.023035	.0021416	.0002836	.46992	.023490
%RSD	.9267668	11.60322	.4913833	44.03708	1.598912	.5897943	.6408610

#1	.1590033	.0072381	4.666082	.0071872	.0175419	79.87200	3.691719
#2	.1578543	.0066561	4.685489	.0044328	.0176141	80.01437	3.646592
#3	.1561020	.0057327	4.711971	.0029694	.0180653	79.13865	3.657840

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0125587	.0152377	149.7268	.2620877	.0867100	.9118138	306.4055
Stddev	.0001952	.0004237	1.2389	.0005164	.0007277	.0055071	2.8905
%RSD	1.554164	2.780667	.8274399	.1970417	.8392931	.6039705	.9433679

#1	.0127572	.0147509	151.0914	.2616040	.0863632	.9181417	309.7388
#2	.0125519	.0155233	148.6727	.2626316	.0862204	.9091940	304.5905
#3	.0123670	.0154390	149.4164	.2620276	.0875463	.9081057	304.8872

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.63969	28.07705	.1377793	-.016546	3.131335	.2827313	8.046211
Stddev	.12669	.32782	.0008548	.000383	.073835	.0024964	.126990
%RSD	1.002315	1.167584	.6204422	2.314243	2.357950	.8829712	1.578254

#1	12.78491	28.44362	.1371308	-.016312	3.101737	.2850580	7.971345
#2	12.55180	27.81197	.1374592	-.016340	3.076891	.2830418	7.974454
#3	12.58236	27.97557	.1387480	-.016988	3.215377	.2800942	8.192835

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.548442	15.65107	.0713494	.0122055	7.308654	3.645628	.4426569
Stddev	.105620	.06800	.0101057	.0001340	.061228	.096794	.0049050
%RSD	1.399232	.4344491	14.16363	1.097496	.8377507	2.655082	1.108085

#1	7.653904	15.59716	.0697465	.0121437	7.242272	3.729690	.4384549
#2	7.548758	15.72746	.0621409	.0123592	7.362917	3.667390	.4480467
#3	7.442664	15.62860	.0821607	.0121136	7.320771	3.539806	.4414690

Sample Name: J1842-05 Acquired: 3/13/2018 20:38:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAM93 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.031144	.0909642	.5086914
Stddev	.006257	.0007768	.0022867
%RSD	.6067956	.8539868	.4495190

#1	1.037698	.0900871	.5104090
#2	1.030501	.0915655	.5095692
#3	1.025234	.0912400	.5060959

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2305.029	4580.326	53553.85	9757.703	4499.755
Stddev	8.715	10.730	202.98	107.921	19.047
%RSD	.3780890	.2342693	.3790289	1.106013	.4232816

#1	2313.192	4588.890	53737.34	9682.704	4517.243
#2	2306.043	4583.797	53588.39	9709.016	4502.562
#3	2295.851	4568.289	53335.81	9881.391	4479.461

Sample Name: J1842-06 Acquired: 3/13/2018 20:42:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM94 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2051732	.0043090	7.122316	.0076481	.2172785	83.01275	2.586282
Stddev	.0002453	.0009939	.023394	.0049492	.0014020	1.27342	.034737
%RSD	.1195319	23.06509	.3284642	64.71193	.6452618	1.534006	1.343120

#1	.2049326	.0051084	7.096871	.0065886	.2167018	82.35858	2.565629
#2	.2054228	.0046225	7.127185	.0130413	.2162567	84.48030	2.626387
#3	.2051642	.0031962	7.142894	.0033144	.2188768	82.19938	2.566831

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0169602	.0115330	95.44558	.3140218	.1246480	.9647565	493.8175
Stddev	.0002134	.0003087	1.40427	.0020388	.0002309	.0131682	5.3320
%RSD	1.258287	2.676531	1.471274	.6492555	.1852242	1.364928	1.079744

#1	.0168851	.0115784	94.67889	.3161603	.1244502	.9536183	491.7581
#2	.0172010	.0112041	97.06630	.3121000	.1249017	.9792899	499.8721
#3	.0167944	.0118165	94.59154	.3138052	.1245922	.9613613	489.8224

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.93323	28.99166	.1507872	-.027547	4.198558	.4296675	6.471039
Stddev	.16516	.39696	.0005089	.000338	.084336	.0090917	.131350
%RSD	1.277010	1.369214	.3374746	1.225915	2.008701	2.115998	2.029821

#1	12.83031	28.85042	.1509905	-.027623	4.123226	.4295805	6.365399
#2	13.12373	29.43992	.1511630	-.027841	4.182779	.4388024	6.618109
#3	12.84565	28.68464	.1502081	-.027178	4.289670	.4206195	6.429607

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.995935	10.62333	.0744679	.0140810	6.841010	3.356339	2.220957
Stddev	.108597	.10200	.0054897	.0001706	.039917	.062594	.005944
%RSD	1.552283	.9601840	7.371961	1.211516	.5834973	1.864956	.2676444

#1	6.986874	10.52983	.0718570	.0142738	6.802195	3.317972	2.214123
#2	7.108778	10.73211	.0807758	.0140196	6.881945	3.428570	2.224933
#3	6.892152	10.60805	.0707709	.0139497	6.838892	3.322476	2.223814

Sample Name: J1842-06 Acquired: 3/13/2018 20:42:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAM94 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9336615	.0815141	.3487569
Stddev	.0143998	.0013725	.0041799
%RSD	1.542289	1.683749	1.198520

#1	.9305032	.0812993	.3469046
#2	.9493783	.0829814	.3535429
#3	.9211031	.0802617	.3458232

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2277.772	4493.516	52492.47	9573.309	4299.298
Stddev	17.354	12.647	213.87	83.646	6.150
%RSD	.7618648	.2814519	.4074239	.8737420	.1430372

#1	2283.728	4497.432	52258.19	9562.612	4301.469
#2	2258.225	4503.742	52541.97	9495.527	4304.068
#3	2291.364	4479.374	52677.25	9661.790	4292.358

Sample Name: J1842-07 Acquired: 3/13/2018 20:46:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM95 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1431021	.0022508	3.281540	.0061313	.0144088	62.52218	1.786244
Stddev	.0039387	.0019971	.016465	.0019373	.0007272	.23799	.007445
%RSD	2.752395	88.72573	.5017431	31.59647	5.047122	.3806465	.4167730

#1	.1473542	.0027082	3.278075	.0059514	.0136094	62.30483	1.794743
#2	.1395784	.0039796	3.267084	.0081522	.0150312	62.48524	1.780881
#3	.1423736	.0000648	3.299462	.0042902	.0145858	62.77649	1.783107

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112668	.0124274	89.53305	.2420973	.0654529	.6683631	259.2740
Stddev	.0000871	.0000726	.29390	.0008719	.0004910	.0019802	.9462
%RSD	.7731915	.5837514	.3282563	.3601589	.7501450	.2962720	.3649271

#1	.0112446	.0123768	89.87114	.2414728	.0653866	.6694199	260.3487
#2	.0111930	.0123948	89.38945	.2430935	.0649985	.6660787	258.9072
#3	.0113629	.0125105	89.33856	.2417256	.0659737	.6695906	258.5662

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.934818	18.18221	.1078510	-.014200	2.143779	.2601577	5.375877
Stddev	.012139	.09867	.0004004	.000212	.192777	.0025030	.039799
%RSD	.1750437	.5426556	.3712790	1.489523	8.992406	.9621122	.7403211

#1	6.948508	18.19722	.1079543	-.014443	2.119875	.2581792	5.421286
#2	6.930577	18.27252	.1074090	-.014056	1.964069	.2629716	5.359295
#3	6.925368	18.07691	.1081897	-.014100	2.347394	.2593224	5.347051

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.821298	10.83606	.0371351	.0096490	6.181183	2.847771	.2275671
Stddev	.045819	.04177	.0050953	.0000467	.024132	.012336	.0011419
%RSD	.7870907	.3855039	13.72105	.4838483	.3904031	.4331787	.5017774

#1	5.852174	10.85125	.0425436	.0096559	6.186308	2.841104	.2274546
#2	5.843067	10.78882	.0364366	.0096920	6.154901	2.862006	.2264856
#3	5.768653	10.86811	.0324250	.0095993	6.202341	2.840203	.2287611

Sample Name: J1842-07 Acquired: 3/13/2018 20:46:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM95 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8066477	.0662611	.3845918
Stddev	.0049947	.0013876	.0011839
%RSD	.6191971	2.094129	.3078236

#1	.8009596	.0672446	.3842184
#2	.8103172	.0646739	.3836397
#3	.8086663	.0668647	.3859174

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2282.095	4533.166	52542.23	9450.532	4528.503
Stddev	15.505	5.971	156.99	57.599	11.622
%RSD	.6794155	.1317244	.2987791	.6094804	.2566305

#1	2264.214	4536.073	52364.90	9516.816	4532.640
#2	2291.819	4537.128	52663.46	9422.128	4537.490
#3	2290.251	4526.298	52598.33	9412.652	4515.379

Sample Name: J1842-08 Acquired: 3/13/2018 20:50:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM96 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1720304	.0021439	3.831306	.0032454	.0114906	75.84333	2.227639
Stddev	.0029454	.0013615	.012038	.0031325	.0009059	.54261	.008902
%RSD	1.712117	63.50724	.3142056	96.52302	7.883364	.7154325	.3996175

#1	.1752426	.0037137	3.835939	-.000298	.0123695	76.33426	2.237297
#2	.1694567	.0012845	3.817640	.005645	.0105601	75.93501	2.225859
#3	.1713918	.0014335	3.840340	.004389	.0115424	75.26072	2.219762

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0144751	.0062259	57.67389	.3735355	.0933681	.9282542	459.4014
Stddev	.0001651	.0000840	.11526	.0146837	.0003758	.0070251	.6354
%RSD	1.140821	1.349043	.1998528	3.931005	.4025068	.7568067	.1383063

#1	.0145723	.0061934	57.72754	.3702996	.0932316	.9329135	460.0225
#2	.0145686	.0061630	57.75255	.3895672	.0930797	.9316751	459.4291
#3	.0142844	.0063213	57.54159	.3607396	.0937931	.9201738	458.7526

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.846648	15.20259	.1452317	-.027687	3.744259	.3978858	5.312677
Stddev	.039925	.03262	.0001438	.001020	.161900	.0071967	.137756
%RSD	.4512996	.2145740	.0990396	3.685200	4.323943	1.808740	2.592976

#1	8.892699	15.18223	.1450681	-.027434	3.930006	.4022713	5.226286
#2	8.821752	15.18532	.1452887	-.028810	3.669691	.4018060	5.471541
#3	8.825494	15.24022	.1453383	-.026817	3.633081	.3895801	5.240203

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.278463	7.898403	.0225752	.0171278	5.464134	3.407073	2.111706
Stddev	.036297	.070395	.0148489	.0004241	.040250	.092932	.010149
%RSD	.8483636	.8912594	65.77495	2.476146	.7366233	2.727627	.4805936

#1	4.312546	7.946902	.0105345	.0168263	5.478729	3.437734	2.115287
#2	4.282545	7.817661	.0180243	.0169443	5.418622	3.480800	2.100252
#3	4.240297	7.930645	.0391670	.0176127	5.495050	3.302684	2.119578

Sample Name: J1842-08 Acquired: 3/13/2018 20:50:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM96 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9973035	.0743451	.2785684
Stddev	.0129916	.0003726	.0011727
%RSD	1.302670	.5011602	.4209645

#1	1.002063	.0744534	.2797964
#2	1.007244	.0739303	.2784485
#3	.982603	.0746514	.2774602

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2253.924	4577.450	51727.87	9350.263	4545.746
Stddev	37.013	6.455	1137.36	86.821	6.234
%RSD	1.642172	.1410250	2.198732	.9285440	.1371482

#1	2255.483	4578.176	51876.37	9255.628	4542.364
#2	2216.155	4583.511	50523.56	9368.929	4552.940
#3	2290.133	4570.662	52783.68	9426.234	4541.934

Sample Name: J1842-09 Acquired: 3/13/2018 20:54:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM97 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1470647	-.000358	4.907162	.0032564	.0132365	74.19137	2.350675
Stddev	.0014555	.001347	.013721	.0047159	.0021014	.08885	.009408
%RSD	.9897291	376.3575	.2796184	144.8199	15.87574	.1197577	.4002205

#1	.1474651	.000952	4.915415	.0034583	.0156565	74.09810	2.354157
#2	.1482782	-.001739	4.891323	.0078681	.0118722	74.27502	2.357847
#3	.1454509	-.000286	4.914748	-.001557	.0121810	74.20099	2.340023

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0138065	.0121753	159.1788	.2317391	.0781109	.9545194	324.0893
Stddev	.0002015	.0001496	.5192	.0010008	.0002711	.0019340	1.4733
%RSD	1.459822	1.228549	.3261715	.4318775	.3470170	.2026122	.4546067

#1	.0139668	.0121975	159.3644	.2307089	.0783837	.9527354	324.9055
#2	.0138725	.0120159	159.5798	.2318008	.0778416	.9542481	324.9740
#3	.0135802	.0123125	158.5923	.2327077	.0781073	.9565747	322.3885

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.687352	41.51945	.1306543	-.018467	3.456469	.2337505	6.476060
Stddev	.029216	.20415	.0003981	.000063	.074386	.0020154	.077858
%RSD	.3800506	.4916929	.3046798	.3386708	2.152067	.8621827	1.202239

#1	7.705922	41.60312	.1307298	-.018507	3.439406	.2348225	6.550193
#2	7.702459	41.66848	.1302238	-.018499	3.392098	.2314257	6.394947
#3	7.653676	41.28676	.1310091	-.018395	3.537904	.2350034	6.483040

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.968835	11.02526	.0486689	.0109682	7.307593	3.865421	1.542985
Stddev	.074304	.14576	.0068070	.0000792	.060364	.017009	.008231
%RSD	1.066231	1.322078	13.98626	.7217841	.8260392	.4400175	.5334349

#1	6.934245	11.16454	.0563940	.0109367	7.372578	3.851299	1.551865
#2	7.054128	11.03748	.0460621	.0109097	7.296928	3.860663	1.541481
#3	6.918132	10.87378	.0435506	.0110583	7.253272	3.884302	1.535611

Sample Name: J1842-09 Acquired: 3/13/2018 20:54:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM97 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9750997	.0817303	.4170010
Stddev	.0001398	.0008415	.0012618
%RSD	.0143377	1.029596	.3025956

#1	.9749486	.0822874	.4165337
#2	.9752246	.0807623	.4184298
#3	.9751259	.0821411	.4160394

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2360.127	4683.277	54278.70	9817.865	4510.724
Stddev	19.265	8.741	382.51	43.772	6.836
%RSD	.8162727	.1866332	.7047147	.4458441	.1515401

#1	2338.780	4686.092	53887.09	9819.339	4507.728
#2	2365.380	4690.263	54297.58	9773.374	4518.546
#3	2376.221	4673.476	54651.42	9860.881	4505.898

Sample Name: J1842-10 Acquired: 3/13/2018 20:58:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM98 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0775001	.0021272	.8409312	.0025341	.0093097	46.93404	.6498690
Stddev	.0014818	.0010168	.0033326	.0013397	.0006263	.10639	.0034167
%RSD	1.912006	47.80315	.3962933	52.86635	6.727751	.2266800	.5257474

#1	.0757967	.0026773	.8419451	.0014573	.0089733	46.93645	.6500852
#2	.0782116	.0027503	.8372095	.0040343	.0100323	47.03921	.6531723
#3	.0784919	.0009538	.8436391	.0021106	.0089234	46.82647	.6463493

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059733	.0039993	39.56242	.1401819	.0456321	.2534314	134.3574
Stddev	.0000739	.0000775	.12609	.0006846	.0004113	.0041488	.5200
%RSD	1.236261	1.937661	.3187116	.4884036	.9012487	1.637062	.3870215

#1	.0059614	.0040821	39.43750	.1407025	.0454378	.2537635	133.8349
#2	.0059060	.0039285	39.68965	.1404367	.0461045	.2574042	134.8748
#3	.0060523	.0039871	39.56013	.1394063	.0453541	.2491265	134.3626

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.113533	7.542391	.0502363	-.008054	1.062950	.1608657	1.640778
Stddev	.017502	.055197	.0002725	.000056	.088740	.0026494	.008813
%RSD	.5621248	.7318300	.5424557	.6914619	8.348453	1.646975	.5370937

#1	3.098126	7.589106	.0504586	-.008013	1.021823	.1612285	1.647815
#2	3.132563	7.556586	.0499323	-.008032	1.002235	.1580536	1.630894
#3	3.109910	7.481483	.0503180	-.008118	1.164792	.1633151	1.643625

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.267341	3.564966	.0113438	.0062327	3.407841	3.574515	.0420954
Stddev	.049110	.027890	.0028008	.0002796	.019867	.027974	.0010158
%RSD	3.875026	.7823473	24.69048	4.486682	.5829681	.7826003	2.413055

#1	1.212051	3.597144	.0104506	.0063314	3.430502	3.605667	.0432652
#2	1.284077	3.547742	.0144823	.0064496	3.393422	3.566338	.0415849
#3	1.305896	3.550011	.0090985	.0059171	3.399598	3.551541	.0414362

Sample Name: J1842-10 Acquired: 3/13/2018 20:58:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAM98 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5893307	.0345923	.1259829
Stddev	.0045929	.0006109	.0004038
%RSD	.7793376	1.766077	.3205295

#1	.5945222	.0347268	.1264479
#2	.5857966	.0339253	.1257203
#3	.5876732	.0351248	.1257805

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2271.443	4507.133	51933.16	9142.321	4767.083
Stddev	2.504	10.308	247.74	21.514	6.279
%RSD	.1102237	.2286952	.4770376	.2353185	.1317143

#1	2270.862	4495.506	51666.22	9146.412	4760.943
#2	2274.186	4510.744	51977.56	9119.056	4773.492
#3	2269.281	4515.149	52155.69	9161.496	4766.812

Sample Name: J1842-11 Acquired: 3/13/2018 21:02:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAM99 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2067567	.0019021	3.478022	.0044502	.0222592	52.17820	1.613422
Stddev	.0042024	.0006046	.004449	.0017726	.0019960	.19342	.011498
%RSD	2.032556	31.78652	.1279266	39.83123	8.967105	.3706844	.7126273

#1	.2112795	.0025954	3.483131	.0063913	.0206399	52.26316	1.624250
#2	.2060181	.0016267	3.475003	.0040419	.0244892	52.31460	1.614661
#3	.2029726	.0014842	3.475931	.0029174	.0216485	51.95684	1.601355

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074905	.0181548	174.4240	.2343364	.0874958	1.095390	239.8263
Stddev	.0000948	.0001712	.8935	.0020602	.0002567	.003853	.3901
%RSD	1.266090	.9428629	.5122351	.8791480	.2933534	.3517220	.1626596

#1	.0075716	.0180919	175.0991	.2334425	.0874856	1.098458	240.2732
#2	.0075137	.0183485	174.7622	.2328741	.0872443	1.096645	239.5536
#3	.0073862	.0180240	173.4109	.2366925	.0877573	1.091066	239.6523

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.274574	25.08532	.1028067	-.014440	2.679378	.1488895	12.65338
Stddev	.026996	.04556	.0003926	.000280	.183437	.0013139	.20981
%RSD	.5118206	.1816134	.3819073	1.938058	6.846257	.8824987	1.658095

#1	5.300602	25.10841	.1024940	-.014704	2.668079	.1503932	12.82518
#2	5.276416	25.11472	.1032473	-.014470	2.501852	.1483124	12.71541
#3	5.246704	25.03284	.1026786	-.014146	2.868203	.1479629	12.41955

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.525144	11.34995	.0488843	.0153317	7.346449	3.587200	.1273011
Stddev	.014701	.05608	.0047682	.0003110	.013510	.030461	.0005861
%RSD	.2660711	.4941288	9.754090	2.028400	.1838962	.8491543	.4603970

#1	5.510759	11.37263	.0503438	.0149767	7.336189	3.588546	.1274050
#2	5.540141	11.39114	.0527522	.0155561	7.361756	3.556088	.1266701
#3	5.524530	11.28607	.0435569	.0154624	7.341403	3.616966	.1278284

Sample Name: J1842-11 Acquired: 3/13/2018 21:02:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAM99 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8937521	.0518326	.4608449
Stddev	.0096221	.0003449	.0006248
%RSD	1.076600	.6654283	.1355757

#1	.9023502	.0516506	.4611828
#2	.8955474	.0522304	.4612279
#3	.8833588	.0516168	.4601239

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2199.038	4365.417	50452.14	9102.468	4529.110
Stddev	20.524	8.823	176.28	25.239	10.355
%RSD	.9333090	.2021086	.3493952	.2772780	.2286296

#1	2183.775	4368.594	50291.32	9128.939	4519.266
#2	2190.969	4372.211	50424.51	9099.791	4539.910
#3	2222.370	4355.445	50640.61	9078.674	4528.153

Sample Name: J1842-12 Acquired: 3/13/2018 21:06:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMA0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1340546	.0019392	1.594088	.0067566	.0085818	66.83165	1.338051
Stddev	.0015456	.0025658	.005597	.0031503	.0026253	.12417	.002910
%RSD	1.152981	132.3165	.3511109	46.62546	30.59170	.1857992	.2174532

#1	.1323178	.0018760	1.590026	.0080482	.0108780	66.97161	1.334732
#2	.1345673	.0045360	1.591765	.0031658	.0057197	66.73469	1.339253
#3	.1352787	-.000594	1.600472	.0090559	.0091478	66.78866	1.340166

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078641	.0065282	95.92451	.2707831	.0539933	.2940268	198.1072
Stddev	.0002587	.0001065	.07573	.0007058	.0006025	.0022624	.5131
%RSD	3.290307	1.630772	.0789462	.2606354	1.115931	.7694622	.2589869

#1	.0081216	.0065097	95.96511	.2711859	.0536013	.2918702	197.9931
#2	.0078665	.0064322	95.97129	.2699681	.0536914	.2963820	198.6678
#3	.0076041	.0066427	95.83714	.2711952	.0546870	.2938283	197.6608

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.979629	20.78029	.0743474	-.012817	1.774805	.3377107	3.242283
Stddev	.026585	.09434	.0001360	.000311	.037230	.0028252	.032475
%RSD	.3331598	.4539674	.1829425	2.423994	2.097692	.8365671	1.001612

#1	7.959932	20.78199	.0744999	-.012583	1.794657	.3388063	3.209327
#2	8.009868	20.87377	.0742386	-.013169	1.731856	.3398240	3.243268
#3	7.969086	20.68512	.0743038	-.012698	1.797902	.3345018	3.274255

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.518682	5.604765	.0368514	.0152177	5.209059	5.090192	.0575361
Stddev	.052983	.049751	.0081328	.0001462	.061758	.089056	.0014687
%RSD	1.172536	.8876528	22.06924	.9607983	1.185597	1.749565	2.552601

#1	4.579848	5.561972	.0293459	.0152843	5.148058	5.110684	.0581005
#2	4.486996	5.592970	.0357159	.0150500	5.207569	5.167217	.0586389
#3	4.489201	5.659354	.0454922	.0153188	5.271548	4.992677	.0558690

Sample Name: J1842-12 Acquired: 3/13/2018 21:06:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAMA0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.745334	.0752609	.3111219
Stddev	.005901	.0006902	.0004795
%RSD	.3381243	.9170637	.1541276

#1	1.749881	.0747615	.3116157
#2	1.747455	.0760485	.3110920
#3	1.738665	.0749728	.3106580

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2252.235	4480.426	51679.76	9206.413	4602.058
Stddev	15.128	14.671	102.57	89.602	19.185
%RSD	.6717012	.3274356	.1984663	.9732545	.4168853

#1	2268.352	4491.709	51780.61	9114.408	4613.783
#2	2238.342	4485.728	51575.55	9211.429	4612.473
#3	2250.011	4463.842	51683.11	9293.401	4579.917

Sample Name: J1842-13 Acquired: 3/13/2018 21:10:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMC6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1471933	.0070690	.3248930	.0055817	.0136848	111.6331	.5943114
Stddev	.0025143	.0023748	.0021449	.0021996	.0008290	.2236	.0011425
%RSD	1.708137	33.59393	.6601941	39.40745	6.057657	.2002748	.1922382

#1	.1442958	.0096804	.3225818	.0042264	.0146411	111.3945	.5956289
#2	.1484846	.0064879	.3252774	.0081197	.0132422	111.6670	.5935938
#3	.1487995	.0050387	.3268197	.0043991	.0131711	111.8378	.5937116

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0128613	-.005253	4.607996	.5210876	.1728388	.0645015	395.8659
Stddev	.0000288	.000065	.025678	.0017955	.0011188	.0005369	2.3866
%RSD	.2238758	1.234339	.5572472	.3445765	.6472973	.8323445	.6028916

#1	.0128941	-.005325	4.601767	.5212773	.1732004	.0649173	398.6059
#2	.0128494	-.005233	4.636215	.5227807	.1715840	.0646917	394.2402
#3	.0128404	-.005200	4.586005	.5192047	.1737321	.0638954	394.7516

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.64970	3.416824	.0821865	-.026027	2.551006	.6215120	.3418057
Stddev	.05267	.008811	.0006846	.000412	.141854	.0023556	.0041389
%RSD	.4946137	.2578701	.8330324	1.584659	5.560714	.3790144	1.210889

#1	10.71048	3.421217	.0826807	-.025846	2.714805	.6232985	.3452645
#2	10.62135	3.406681	.0814050	-.026499	2.469356	.6223952	.3429324
#3	10.61728	3.422576	.0824737	-.025735	2.468856	.6188425	.3372201

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.252029	2.425021	-.005411	.0187937	.6198381	4.847276	.0084456
Stddev	.027700	.015286	.010241	.0003446	.0080628	.045408	.0012866
%RSD	2.212420	.6303628	189.2582	1.833410	1.300800	.9367642	15.23415

#1	1.221523	2.424317	-.010952	.0189280	.6105283	4.897290	.0082600
#2	1.258955	2.410098	.006407	.0190509	.6245619	4.808640	.0072619
#3	1.275608	2.440646	-.011688	.0184022	.6244242	4.835897	.0098149

Sample Name: J1842-13 Acquired: 3/13/2018 21:10:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMC6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8106704	.0369432	.0678285
Stddev	.0086382	.0003758	.0000902
%RSD	1.065557	1.017264	.1329686

#1	.8111910	.0373720	.0679310
#2	.8190365	.0366713	.0677930
#3	.8017837	.0367862	.0677615

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2307.676	4576.368	52374.43	9225.310	4671.234
Stddev	14.599	6.224	320.68	62.047	15.732
%RSD	.6326379	.1360112	.6122811	.6725748	.3367846

#1	2324.254	4578.121	52637.57	9199.791	4674.302
#2	2296.737	4581.528	52017.24	9296.047	4685.206
#3	2302.038	4569.455	52468.49	9180.092	4654.194

Sample Name: J1842-14 Acquired: 3/13/2018 21:14:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMC7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .2189638	k -.060449	k .9965225	k -.111089	k .0260809	98.66063
Stddev	.0032351	.001328	.0021962	.002118	.0008406	.18026
%RSD	1.477477	2.196736	.2203892	1.906698	3.223053	.1827112

#1	k .2226740	k -.060308	k .9939997	k -.111497	k .0267156	98.68344
#2	k .2174852	k -.059198	k .9975602	k -.108796	k .0263994	98.82841
#3	k .2167322	k -.061842	k .9980076	k -.112973	k .0251275	98.47005

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.889731	.0206916	k .0175571	^ *****	k .9132422	.1949924
Stddev	.009324	.0003589	.0000528	-----	.0025219	.0004387
%RSD	.4933906	1.734523	.3007413	-----	.2761425	.2250057

#1	1.898709	.0210447	k .0175333	^ -----	k .9159982	.1946029
#2	1.890388	.0203271	k .0176176	^ -----	k .9126785	.1949065
#3	1.880097	.0207029	k .0175205	^ -----	k .9110499	.1954677

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .1534407	k 585.4380	18.16362	4.144106	.1122385	k -.068168
Stddev	.0005376	5.2979	.18042	.057066	.0002010	.000659
%RSD	.3503942	.9049546	.9932859	1.377036	.1790370	.9670924

#1	k .1528609	k 591.1656	18.35712	4.209893	.1122995	k -.068750
#2	k .1539228	k 584.4352	18.13370	4.107973	.1120141	k -.067452
#3	k .1535385	k 580.7131	18.00003	4.114451	.1124019	k -.068302

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.989756	k .8034760	k 1.814886	.8554040	k 4.639683	k -1.48588
Stddev	.144083	.0030435	.003500	.0468370	.046624	.01150
%RSD	3.611331	.3787924	.1928218	5.475430	1.004904	.7738763

#1	3.855204	k .8067008	k 1.818183	.9065336	k 4.634620	k -1.49915
#2	4.141777	k .8006539	k 1.815261	.8451046	k 4.595797	k -1.47890
#3	3.972287	k .8030731	k 1.811214	.8145738	k 4.688632	k -1.47958

Sample Name: J1842-14 Acquired: 3/13/2018 21:14:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMC7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .0243728	k 1.551718	k 3.379441	k .0659900	.8569989	k .0550837
Stddev	.0001623	.009860	.041108	.0014700	.0061944	.0008655
%RSD	.6658380	.6354192	1.216427	2.227600	.7227966	1.571159

#1	k .0245378	k 1.542691	k 3.406236	k .0673752	.8508475	k .0556144
#2	k .0242134	k 1.550223	k 3.332111	k .0644478	.8569138	k .0555517
#3	k .0243673	k 1.562240	k 3.399977	k .0661469	.8632354	k .0540850

Elem	Sr4077
Units	ppm
Avg	.2011832
Stddev	.0005237
%RSD	.2603124

#1	.2017551
#2	.2010674
#3	.2007271

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2332.656	4619.552	53125.49	9377.568	4473.913
Stddev	15.858	15.085	280.05	82.920	14.130
%RSD	.6798172	.3265566	.5271498	.8842382	.3158390

#1	2315.948	4619.137	52822.03	9284.715	4474.878
#2	2347.499	4634.841	53180.46	9403.758	4487.536
#3	2334.521	4604.679	53373.98	9444.231	4459.325

Sample Name: J1842-15 Acquired: 3/13/2018 21:18:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMC8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1913277	.0209122	1.222233	.0070043	.0164047	93.41739
Stddev	.0003362	.0019092	.006316	.0029096	.0010801	.10563
%RSD	.1757371	9.129446	.5167378	41.54081	6.583979	.1130696

#1	.1913526	.0192338	1.223581	.0059807	.0176499	93.52206
#2	.1909797	.0229892	1.215352	.0047448	.0157212	93.31083
#3	.1916508	.0205137	1.227766	.0102874	.0158429	93.41928

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.593885	.0213065	-.001264	20.32738	.7888443	.3045321
Stddev	.009283	.0000746	.000274	.10658	.0021320	.0005481
%RSD	.3578970	.3502923	21.63326	.5243085	.2702701	.1799820

#1	2.602249	.0213267	-.001295	20.25391	.7912462	.3040951
#2	2.595508	.0212238	-.001521	20.44962	.7871755	.3043540
#3	2.583897	.0213689	-.000977	20.27861	.7881113	.3051471

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1866840	558.3164	F 30.62732	6.001491	.1377778	-.037951
Stddev	.0034327	3.3673	.17085	.011361	.0010862	.000155
%RSD	1.838764	.6031245	.5578411	.1893081	.7883421	.4075939

#1	.1891642	557.4352	30.62846	5.991327	.1389389	-.037880
#2	.1827663	562.0367	30.79760	6.013756	.1367867	-.038128
#3	.1881216	555.4772	30.45590	5.999388	.1376077	-.037843

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.893196	.6651130	1.752600	1.133525	5.001203	-.009643
Stddev	.151637	.0048048	.008830	.072145	.019520	.011030
%RSD	3.894927	.7224088	.5037951	6.364669	.3902966	114.3821

#1	3.948076	.6623246	1.762617	1.057862	5.006787	-.012716
#2	3.721760	.6706611	1.745946	1.141170	4.979500	.002597
#3	4.009753	.6623533	1.749237	1.201543	5.017322	-.018811

Sample Name: J1842-15 Acquired: 3/13/2018 21:18:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMC8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0293453	1.639658	3.732855	.0509532	.7676950	.0662521
Stddev	.0002346	.008049	.020666	.0010912	.0016076	.0007132
%RSD	.7994508	.4908769	.5536135	2.141555	.2094073	1.076440

#1	.0292013	1.634541	3.731721	.0522056	.7694149	.0660128
#2	.0296160	1.635499	3.754065	.0502075	.7662302	.0670541
#3	.0292187	1.648936	3.712780	.0504464	.7674400	.0656893

Elem	Sr4077
Units	ppm
Avg	.1821215
Stddev	.0005179
%RSD	.2843933

#1	.1821195
#2	.1826404
#3	.1816045

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2365.281	4674.514	53669.75	9427.017	4491.339
Stddev	12.555	8.752	234.43	46.088	13.650
%RSD	.5307836	.1872342	.4368086	.4888875	.3039183

#1	2377.476	4671.676	53764.31	9476.978	4483.290
#2	2352.395	4684.333	53402.80	9386.162	4507.099
#3	2365.972	4667.533	53842.14	9417.913	4483.627

Sample Name: J1842-16 Acquired: 3/13/2018 21:22:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMC9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1349043	.0098119	.4126747	-.001348	.0125297	125.7514	.7058977
Stddev	.0006931	.0027097	.0005230	.001645	.0015345	.5208	.0029933
%RSD	.5138000	27.61617	.1267397	122.0550	12.24651	.4141355	.4240405

#1	.1353281	.0111706	.4130053	-.001902	.0131142	125.1993	.7039225
#2	.1352803	.0115735	.4120717	.000503	.0136861	126.2339	.7093417
#3	.1341044	.0066917	.4129471	-.002645	.0107889	125.8210	.7044289

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0171070	-.007061	7.301786	.6418477	.2254284	.0882847	505.0256
Stddev	.0000652	.000135	.105635	.0003403	.0014830	.0005264	1.1737
%RSD	.3813903	1.917799	1.446701	.0530206	.6578499	.5962823	.2324077

#1	.0170576	-.006987	7.383622	.6415841	.2253727	.0876947	504.4586
#2	.0171810	-.007217	7.182536	.6422319	.2239741	.0887064	506.3751
#3	.0170825	-.006978	7.339201	.6417272	.2269385	.0884528	504.2430

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.44917	3.951930	.1141487	-.033675	3.214151	.6819834	.4881509
Stddev	.04681	.006842	.0010108	.000163	.190794	.0022629	.0053932
%RSD	.3239317	.1731409	.8854989	.4844471	5.936058	.3318105	1.104826

#1	14.41619	3.958182	.1138601	-.033846	3.364403	.6795087	.4820347
#2	14.50274	3.952987	.1133136	-.033656	2.999488	.6839472	.4901933
#3	14.42859	3.944620	.1152724	-.033522	3.278563	.6824942	.4922245

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.437641	3.730845	-.013995	.0187396	.7365799	4.440455	.0166434
Stddev	.057310	.019705	.010805	.0003926	.0068686	.054797	.0010155
%RSD	1.291456	.5281635	77.20968	2.095107	.9324969	1.234035	6.101460

#1	4.396302	3.749900	-.022907	.0190655	.7445088	4.463315	.0163056
#2	4.503063	3.710549	-.017100	.0188496	.7327814	4.480121	.0177847
#3	4.413559	3.732087	-.001977	.0183037	.7324495	4.377930	.0158399

Sample Name: J1842-16 Acquired: 3/13/2018 21:22:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAMC9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7731560	.0423868	.1234332
Stddev	.0062717	.0006970	.0004384
%RSD	.8111796	1.644450	.3551700

#1	.7659416	.0416616	.1229280
#2	.7762171	.0424470	.1237137
#3	.7773094	.0430518	.1236579

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2334.915	4585.119	52923.09	9290.249	4539.216
Stddev	16.365	7.536	182.02	28.607	10.464
%RSD	.7008635	.1643489	.3439335	.3079231	.2305346

#1	2347.288	4583.051	53092.36	9309.031	4541.890
#2	2341.098	4593.473	52946.35	9257.325	4548.085
#3	2316.360	4578.834	52730.56	9304.390	4527.675

Sample Name: J1842-17 Acquired: 3/13/2018 21:26:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMD0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2115329	.0227998	2.515209	-.000642	.0185213	107.6432	2.914194
Stddev	.0035937	.0012644	.005999	.001624	.0013547	.2129	.004524
%RSD	1.698905	5.545532	.2385128	253.0946	7.314462	.1978255	.1552532

#1	.2095064	.0229951	2.510897	.001222	.0171380	107.4040	2.910260
#2	.2156822	.0214492	2.512669	-.001393	.0198455	107.7132	2.913184
#3	.2094100	.0239552	2.522060	-.001754	.0185803	107.8122	2.919138

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0198322	.0056556	59.78594	.7120688	.2120692	.4163704	570.2766
Stddev	.0000062	.0002957	.32525	.0035641	.0006962	.0040562	.9747
%RSD	.0312633	5.227566	.5440248	.5005242	.3282739	.9741887	.1709114

#1	.0198301	.0056106	60.15724	.7161838	.2114400	.4203084	569.5818
#2	.0198392	.0053850	59.64920	.7099593	.2119506	.4165973	571.3908
#3	.0198273	.0059711	59.55138	.7100631	.2128171	.4122054	569.8573

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.19667	13.15589	.1417405	-.037724	4.201965	.6523694	6.058816
Stddev	.08271	.07635	.0010525	.000720	.269001	.0067194	.167092
%RSD	.3041339	.5803603	.7425675	1.909334	6.401779	1.030001	2.757831

#1	27.17254	13.22759	.1417273	-.038539	3.925343	.6581116	6.248396
#2	27.28877	13.07561	.1406947	-.037174	4.462634	.6540174	5.995080
#3	27.12871	13.16447	.1427996	-.037458	4.217918	.6449794	5.932973

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.004929	11.29452	.0193677	.0240149	2.997330	3.808262	.1024728
Stddev	.068453	.07088	.0113965	.0004371	.017143	.042628	.0014121
%RSD	.7601748	.6275603	58.84247	1.820258	.5719549	1.119359	1.377979

#1	8.939647	11.21282	.0255788	.0235102	2.981519	3.777169	.1009339
#2	9.076164	11.33128	.0263094	.0242654	2.994920	3.790762	.1027753
#3	8.998976	11.33948	.0062150	.0242692	3.015551	3.856855	.1037090

Sample Name: J1842-17 Acquired: 3/13/2018 21:26:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMD0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.077002	.0938096	.3704523
Stddev	.006556	.0003032	.0007680
%RSD	.6086918	.3231772	.2073174

#1	1.084564	.0941578	.3695932
#2	1.073512	.0936675	.3710724
#3	1.072930	.0936036	.3706914

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2342.410	4636.126	53561.16	9561.510	4481.989
Stddev	28.489	17.238	279.12	113.018	16.453
%RSD	1.216227	.3718190	.5211200	1.182005	.3670918

#1	2309.553	4644.907	53238.87	9686.176	4488.887
#2	2360.234	4647.205	53720.09	9532.595	4493.871
#3	2357.443	4616.266	53724.52	9465.759	4463.210

Sample Name: J1842-18 Acquired: 3/13/2018 21:30:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMD4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2261303	.0030607	2.335474	-.002461	.0161472	134.2904	2.863295
Stddev	.0033477	.0010542	.012606	.002983	.0020094	1.0041	.016979
%RSD	1.480447	34.44193	.5397828	121.1702	12.44398	.7477111	.5930039

#1	.2299669	.0029515	2.331242	-.001056	.0139410	134.1820	2.858693
#2	.2238023	.0041652	2.325528	-.000441	.0178724	135.3443	2.882102
#3	.2246218	.0020654	2.349652	-.005887	.0166283	133.3449	2.849092

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0246217	.0076531	695.5425	.2655113	.1404639	.3282016	360.9565
Stddev	.0004322	.0001952	4.5312	.0006298	.0009868	.0035875	1.5307
%RSD	1.755333	2.550634	.6514602	.2371993	.7025469	1.093072	.4240636

#1	.0243892	.0077521	693.7640	.2658357	.1404313	.3247031	360.1056
#2	.0251204	.0074282	700.6931	.2647854	.1394938	.3318719	362.7236
#3	.0243555	.0077789	692.1704	.2659127	.1414666	.3280297	360.0404

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.56982	253.3884	.1106977	-.026129	4.566033	.5015298	3.116203
Stddev	.09941	.9996	.0014780	.000156	.170214	.0077680	.050734
%RSD	.5353396	.3944881	1.335182	.5987029	3.727831	1.548852	1.628063

#1	18.55071	252.7334	.1095853	-.025990	4.391645	.5094534	3.172787
#2	18.67740	254.5390	.1101330	-.026298	4.731741	.5012086	3.101048
#3	18.48136	252.8929	.1123748	-.026098	4.574712	.4939274	3.074774

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.61190	6.354040	.0835530	.0109162	11.00064	2.674383	.1068419
Stddev	.15950	.043952	.0149645	.0001402	.05713	.072532	.0009114
%RSD	1.264645	.6917117	17.91018	1.284237	.5193373	2.712105	.8530176

#1	12.48277	6.323613	.0988066	.0109082	11.01495	2.616674	.1066529
#2	12.79019	6.334077	.0688954	.0107802	10.93771	2.755803	.1078330
#3	12.56276	6.404430	.0829570	.0110602	11.04925	2.650672	.1060398

Sample Name: J1842-18 Acquired: 3/13/2018 21:30:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMD4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.759117	.1563925	.8760403
Stddev	.020738	.0012207	.0058180
%RSD	1.178866	.7805061	.6641225

#1	1.750671	.1560020	.8725145
#2	1.782744	.1577606	.8827555
#3	1.743934	.1554149	.8728508

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2320.255	4538.621	53275.26	9850.543	3668.314
Stddev	4.705	13.318	185.79	118.130	11.615
%RSD	.2027888	.2934467	.3487279	1.199228	.3166174

#1	2323.732	4545.146	53069.84	9957.152	3668.880
#2	2314.901	4547.418	53324.42	9723.545	3679.636
#3	2322.132	4523.298	53431.52	9870.931	3656.427

Sample Name: J1842-19 Acquired: 3/13/2018 21:34:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMD5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2310597	-.000617	2.032819	-.000022	.0130908	139.1461	2.715886
Stddev	.0021441	.000956	.013627	.000289	.0007044	.1895	.005215
%RSD	.9279430	154.8844	.6703667	1309.152	5.381196	.1362193	.1920288

#1	.2320130	-.000528	2.028212	-.000299	.0139015	138.9535	2.711914
#2	.2286043	-.001615	2.022093	.000277	.0126278	139.3325	2.713953
#3	.2325618	.000291	2.048153	-.000045	.0127432	139.1523	2.721792

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0248281	.0071512	533.6097	.3357125	.1430889	.3300236	381.5594
Stddev	.0004232	.0001291	.7765	.0007821	.0006427	.0011457	.8664
%RSD	1.704325	1.805155	.1455126	.2329689	.4491942	.3471482	.2270658

#1	.0246193	.0070161	533.5494	.3360138	.1427762	.3313313	382.5364
#2	.0253150	.0071643	532.8652	.3362992	.1426624	.3291966	380.8846
#3	.0245499	.0072733	534.4146	.3348246	.1438282	.3295428	381.2572

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.33381	191.2776	.1082736	-.027421	4.500182	.5371634	3.347179
Stddev	.02845	.0776	.0000428	.000093	.035569	.0062713	.046235
%RSD	.1471701	.0405796	.0395064	.3391294	.7904002	1.167488	1.381304

#1	19.36592	191.3672	.1082248	-.027353	4.461125	.5304227	3.354277
#2	19.31171	191.2313	.1083046	-.027527	4.508707	.5382423	3.297805
#3	19.32380	191.2342	.1082915	-.027383	4.530715	.5428253	3.389453

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.73703	5.523318	.0219508	.0097310	9.518574	3.615804	.1073433
Stddev	.02241	.034225	.0153645	.0002031	.091855	.061131	.0019281
%RSD	.1909522	.6196477	69.99518	2.086764	.9650084	1.690663	1.796180

#1	11.72264	5.506737	.0231355	.0096467	9.491247	3.587160	.1057631
#2	11.72559	5.500542	.0060282	.0099627	9.443484	3.685998	.1067752
#3	11.76285	5.562676	.0366885	.0095837	9.620992	3.574255	.1094916

Sample Name: J1842-19 Acquired: 3/13/2018 21:34:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMD5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.490372	.1539517	.6925436
Stddev	.003974	.0009892	.0007765
%RSD	.2666327	.6425431	.1121266

#1	1.488402	.1545832	.6933373
#2	1.494946	.1544602	.6917855
#3	1.487768	.1528116	.6925079

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2350.963	4620.269	53935.51	9868.749	3813.613
Stddev	14.968	10.643	260.01	72.385	12.943
%RSD	.6366588	.2303571	.4820781	.7334799	.3393948

#1	2350.271	4619.086	53792.48	9831.216	3818.209
#2	2366.264	4631.454	54235.63	9822.838	3823.631
#3	2336.353	4610.267	53778.41	9952.192	3798.999

Sample Name: J1842-20 Acquired: 3/13/2018 21:38:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMD6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2247587	-.000383	1.991274	-.001475	.0154596	129.0364	2.348885
Stddev	.0029403	.003444	.022538	.004260	.0008211	.2413	.009591
%RSD	1.308189	900.2265	1.131845	288.7722	5.311183	.1870281	.4083117

#1	.2257916	-.000323	2.002652	-.005103	.0145474	129.2488	2.348456
#2	.2270432	-.003855	2.005854	.003216	.0156918	129.0865	2.358683
#3	.2214414	.003031	1.965315	-.002538	.0161396	128.7740	2.339516

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0237759	.0029294	407.1827	.4280306	.1321762	.3601808	429.3838
Stddev	.0004332	.0002486	1.5049	.0021602	.0021441	.0008981	1.9788
%RSD	1.822089	8.485346	.3695856	.5046728	1.622117	.2493354	.4608573

#1	.0236237	.0030633	407.9276	.4305179	.1340526	.3599282	428.1987
#2	.0242647	.0030823	408.1698	.4269486	.1326367	.3611780	431.6682
#3	.0234394	.0026426	405.4506	.4266253	.1298393	.3594360	428.2845

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.80798	143.7419	.1024628	-.030478	4.354257	.6547391	3.249087
Stddev	.08920	.6065	.0011729	.000483	.247118	.0010015	.027767
%RSD	.5306793	.4219033	1.144683	1.586232	5.675322	.1529606	.8546233

#1	16.78101	143.1633	.1027996	-.030721	4.336333	.6549065	3.221153
#2	16.90754	144.3729	.1034304	-.030791	4.609849	.6556464	3.249422
#3	16.73537	143.6896	.1011583	-.029921	4.116589	.6536645	3.276685

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.045132	5.175276	.0140589	.0082251	8.111549	5.528646	.0997033
Stddev	.097523	.107843	.0158007	.0001878	.134631	.078025	.0014135
%RSD	1.078185	2.083803	112.3899	2.283115	1.659749	1.411280	1.417718

#1	9.013221	5.253775	.0032578	.0082290	8.192905	5.568435	.1002505
#2	9.154614	5.219743	.0067249	.0080354	8.185594	5.578755	.1007614
#3	8.967562	5.052310	.0321938	.0084109	7.956147	5.438748	.0980980

Sample Name: J1842-20 Acquired: 3/13/2018 21:38:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMD6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.423185	.1359100	.5780763
Stddev	.003908	.0005961	.0013497
%RSD	.2746078	.4386301	.2334773

#1	1.427276	.1357744	.5779861
#2	1.419490	.1353933	.5794688
#3	1.422789	.1365622	.5767739

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2297.725	4594.058	52876.45	9616.365	3910.236
Stddev	10.208	48.608	245.59	35.997	49.983
%RSD	.4442525	1.058064	.4644681	.3743308	1.278250

#1	2302.798	4558.444	52903.57	9576.697	3874.789
#2	2304.403	4574.294	53107.35	9625.449	3888.516
#3	2285.975	4649.434	52618.41	9646.950	3967.404

Sample Name: CCV039 Acquired: 3/13/2018 21:42:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV039 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.049007	5.007006	25.10307	4.859192	5.059149	F 450.2547
Stddev	.028836	.034818	.14919	.026043	.037431	1.0069
%RSD	.5711139	.6953880	.5942978	.5359518	.7398584	.2236313

#1	5.045607	4.978562	25.04503	4.839046	5.040813	449.2180
#2	5.022023	4.996620	24.99163	4.849931	5.034422	451.2289
#3	5.079392	5.045835	25.27256	4.888600	5.102213	450.3171

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.21849	.5173558	2.445871	422.2457	15.48491	2.489113
Stddev	.01765	.0010139	.012708	.5352	.03364	.013778
%RSD	.1727372	.1959828	.5195572	.1267429	.2172243	.5535441

#1	10.19887	.5162954	2.441572	422.0099	15.52364	2.484168
#2	10.23309	.5174562	2.435870	422.8583	15.46307	2.478491
#3	10.22350	.5183158	2.460171	421.8690	15.46801	2.504682

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.20019	403.2096	15.08473	402.1914	2.470473	1.188586
Stddev	.03375	1.3712	.01842	1.2868	.014383	.003060
%RSD	.2083136	.3400618	.1221371	.3199522	.5822053	.2574689

#1	16.16245	404.4868	15.09933	403.5122	2.462347	1.191761
#2	16.22748	403.3812	15.09082	402.1206	2.461992	1.185655
#3	16.21062	401.7607	15.06403	400.9415	2.487080	1.188342

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	438.6332	2.702556	F 13.30392	163.7927	5.212839	4.987467
Stddev	1.0655	.010544	.11424	.6652	.028718	.012710
%RSD	.2429064	.3901453	.8587095	.4061217	.5509118	.2548376

#1	438.5896	2.693824	13.36490	163.0694	5.194736	4.972812
#2	439.7198	2.714270	13.37473	163.9305	5.197830	4.995479
#3	437.5902	2.699574	13.17213	164.3782	5.245952	4.994110

Sample Name: CCV039 Acquired: 3/13/2018 21:42:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV039 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.731556	4.968615	5.154299	4.977001	5.353489	5.176225
Stddev	.023591	.024666	.020388	.030229	.012426	.012695
%RSD	.4985781	.4964430	.3955514	.6073724	.2321010	.2452507

#1	4.714992	4.941947	5.133025	4.955933	5.341114	5.177835
#2	4.721109	4.973286	5.156204	4.963433	5.365964	5.188038
#3	4.758566	4.990612	5.173667	5.011636	5.353390	5.162802

Elem	Sr4077
Units	ppm
Avg	5.146313
Stddev	.030062
%RSD	.5841485

#1	5.119497
#2	5.178810
#3	5.140632

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1668.869	3369.770	40008.79	7516.606	3436.565
Stddev	11.486	15.714	193.55	4.680	14.284
%RSD	.6882497	.4663334	.4837766	.0622662	.4156366

#1	1656.899	3376.173	39793.48	7511.300	3439.561
#2	1669.908	3381.272	40168.34	7520.148	3449.114
#3	1679.800	3351.865	40064.55	7518.371	3421.022

Sample Name: CCB039 Acquired: 3/13/2018 21:46:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB039 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001018	-.000977	.0013292	-.000202	-.000297	.0171357	-.000100
Stddev	.001821	.002091	.0001801	.000420	.000471	.0097740	.000636
%RSD	178.8292	213.9363	13.54578	207.6302	159.0027	57.03892	634.7821

#1	-.001565	-.001530	.0012428	-.000329	-.000515	.0152600	-.000607
#2	.001014	-.002737	.0015362	.000267	-.000619	.0277117	.000614
#3	-.002503	.001334	.0012087	-.000545	.000245	.0084355	-.000308

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000127	-.000013	.0131126	.0004543	.0000115	.0013257	.0039331
Stddev	.0000611	.000044	.0087048	.0003090	.0000699	.0010210	.0029707
%RSD	479.9885	337.0685	66.38501	68.01989	610.5794	77.01722	75.53047

#1	-.000051	.000004	.0231456	.0008092	-.000046	.0017999	.0054037
#2	.000071	-.000063	.0075696	.0003097	.000089	.0001538	.0058816
#3	.000018	.000020	.0086225	.0002441	-.000009	.0020233	.0005140

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003055	-.000137	.0000105	.0000349	.1956568	-.000073	-.001900
Stddev	.0006504	.017369	.0000838	.0001899	.2989099	.003601	.002039
%RSD	212.8701	12644.32	796.0492	544.5028	152.7726	4923.530	107.3001

#1	.0000878	-.010895	-.000080	.0002530	.5399940	-.000786	-.003117
#2	.0010369	.019901	.000027	-.000093	.0440068	-.003264	.000454
#3	-.000208	-.009418	.000085	-.000055	.0029695	.003831	-.003037

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.442657	.0016728	-.005330	.0002112	-.030896	-.001736	.0004220
Stddev	.080051	.0003508	.000063	.0002130	.003998	.000563	.0003024
%RSD	18.08413	20.97116	1.179836	100.8866	12.94159	32.42780	71.64977

#1	-.518392	.0013219	-.005299	.0004312	-.035147	-.001620	.0003357
#2	-.450684	.0016730	-.005289	.0000060	-.027211	-.001241	.0007582
#3	-.358896	.0020235	-.005402	.0001962	-.030330	-.002349	.0001722

Sample Name: CCB039 Acquired: 3/13/2018 21:46:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v448) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB039 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004125	.0018468	.0001249
Stddev	.0003416	.0012224	.0000697
%RSD	82.80775	66.19086	55.81198

#1	.0005797	.0021396	.0001940
#2	.0000195	.0028962	.0000546
#3	.0006382	.0005046	.0001261

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2155.112	4240.164	48713.03	8297.842	4954.510
Stddev	48.749	13.564	818.30	90.651	17.260
%RSD	2.262036	.3198850	1.679832	1.092469	.3483780

#1	2145.499	4228.810	48382.69	8392.300	4947.637
#2	2111.886	4255.184	48111.54	8211.550	4974.149
#3	2207.952	4236.498	49644.86	8289.675	4941.746